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January – June 1997

Author Index
Book index
Conference index
Corporate author index
List of Journals

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Electrical & Electronics Abstracts

Science Abstracts Series B

January – June 1997

Author Index

Contents

Author Index	A1
Book Index	LI1
Conference Index	LI2
Corporate author index	LI19
Supplement to list of Journals	LJ1

Abdel-Wahab, S.M. *see* El-Gamal, Y.S. 34178
Abdelati, M., Arikan, E. An approach to manage connectionless services in connection-oriented networks 5960
Abdelaziz, A.R. *see* Lotfy, A.A. 19050
Abdelaziz, A.Y., Irving, M.R., Mansour, M.M., El-Arabaty, A.M., Nosseir, A.I. Adaptive detection of generator out-of-step conditions in power systems using an artificial neural network 38274
Abdelaziz, A.Y., Irving, M.R., Mansour, M.M., El-Arabaty, A.M., Nosseir, A.I. Neural network-based adaptive out-of-step protection strategy for electrical power systems 50624
Abdelaziz, A.Y., Irving, M.R., Mansour, M.M., El-Arabaty, A.M., Nosseir, A.I. Adaptive detection of generator out-of-step conditions in power systems using an artificial neural network 50633
Abdelaziz, M.E., Zakhary, S.G., Ghanem, A.A. Broad beam ion implanter with the use of radio frequency ion source 28007
Abdelbasset, N. *see* Sivokobylenko, V.F. 60764
Abdeldayem, H. *see* Sarkisov, S. 33100
Abdelghani, A., Chovelon, J.M., Krafft, J.M., Jaffrezic-Renault, N., Trouillet, A., Veillas, C., Ronot-Trioli, C., Gagnaire, H. Study of self-assembled monolayers of n-alkanethiol on a surface plasmon resonance fibre optic sensor 27606
Abdelkader, S. Dynamic simulation of voltage collapse 19061
Abdelkader, S. *see* El-Kateb, M.M. 60196
Abdelsalam, M.K., Zhang, W., Lowry, J.F. Characterization of high purity aluminum material for use as a stabilizer of the 60 kA SMES conductor 55137
Abder-Razzaq, M., Auckland, D.W., Varlow, B.R. Effect of water absorption on the growth of trees in composite insulation 43510
Abderrahman, A., Cerny, E., Kaminska, B. Optimization-based multifrequency test generation for analog circuits 22924
Abderrahman, A., Savaria, Y., Kaminska, B. Analysis, estimation and reduction of simultaneous switching noise 32492
Abdi, H. *see* Fan Yang 46510
Abdipour, A., Pacaud, A. Signal and noise properties of TWFETs (model, concept, and potential) 53605
Abdollahzadeh, S., Hammond, S.K., Schenker, M.B. Validity of surrogates for determination of 30-1000 Hz magnetic field exposure for video display terminal users in office settings 8181
Abdou, H.-E.-D.M. *see* El-Khamy, S.E. 58112
Abdou, I.E. Image restoration of multiple frame sequences 35242
Abdukadyrov, M.A., Abdurakhmanov, Yu.Yu., Akhmedova, N.A., Pattakhov, A.A. Differential-integral photodetectors based on GaInP-GaAs heterostructures 7331
Abdul Samad, A.K. *see* Kumar, T.N.S. 7203
Abdul-Gader, M.M., Wishah, K.A. DC I-V characteristics and steady-state photoconductivity of $Au/Pb_2CrO_5/SnO_2$ sandwich-structure films under illumination in the visible region 42315
Abdul-Gader, M.M. *see* Toda, K. 54306
Abdulatif, M., Low, W.F., McCormick, M. The modelling and simulation of a 3 phase/1 phase cycloconverter using MATLAB/SIMULINK 20118
Abdulkadyrov, M.A., Semenov, A.P., Sharov, Yu.A., Patrikeev, V.E. Automatic system for shaping and finishing the aspheric surfaces of large optical components of arbitrary configuration 58622
Abdulla, M.F., Ravikumar, C.P., Kumar, A. Efficient implementation of multiple on-chip signature checking 53093
Abdulla, P.A., Kindahl, M. Using lossy channel systems for the verification of communication protocols 46732
Abdullaev, F.K., Abdumalikov, A.A., Baizakov, B.B. Stochastic instability of chirped optical solitons in media with periodic amplification 43970
Abdullah, A.H. *see* Stevens, R. 7509
Abdullah, F. *see* Khan, S.H. 50907
Abdullah, M.Z., Tajuddin, A.A. Development of a low-cost and portable tomographic instrument based on gamma-rays transmission sensor 59468
Abdulmajeed, S., Kschischang, F.R. Analysis of QAM schemes in a CCI-limited environment 45525
Abdulsabirov, R.Yu. *see* Sarukura, N. 3752
Abdulvagidov, Sh.B., Shakhshaev, G.M., Kamilov, I.K. A setup for measuring heat capacity and thermal conduction in thin samples 27410
Abdumalikov, A.A. *see* Abdullaev, F.K. 43970
Abdur-Razzaq, M., Auckland, D.W., Chandraker, K., Varlow, B.R. Frequency and field roles in water absorption in composite dielectrics 43514
Abdurakhmanov, B.M., Aliev, R., Bilyalov, R.R., Saidov, M.S. Specific features of concentrated radiation by polycrystalline solar cells 29642
Abdurakhmanov, B.M. *see* Khairullin, I.I. 49940
Abdurakhmanov, Yu.Yu. *see* Abdukadyrov, M.A. 7331
Abdurakhmanova, S.N. *see* Makhkamov, Sh.M. 12211
Abdurrahman, N.M. *see* Jo, Y.G. 8013
Abe, A. *see* Saito, H. 5758
Abe, F. *see* Gotoh, T. 11763
Abe, F. *see* Nakamura, K. 14068
Abe, G. Control software issues for data/HFC systems 16451
Abe, H., Harima, H., Nakashima, S.-I., Tani, M., Sakai, K., Tokuda, Y., Kanamoto, K., Abe, Y. Characterization of crystallinity in low-temperature-grown GaAs layers by Raman scattering and time-resolved photoreflectance measurements 22263
Abe, H., Suzuki, I., Koya, H. The effect of hydrogen annealing on oxygen precipitation behavior and gate oxide integrity in Czochralski Si wafers 41838
Abe, H., Yoshida, T., Kobayashi, H., Nakamura, K. Temperature dependence of zero offset of piezoelectric-ceramic cylinder vibratory gyroscope 7241
Abe, H., Yoshida, T., Nakamura, K. Vibration mode analysis of piezoelectric-ceramic cylinder vibratory gyroscopes with interdigital electrodes 2993
Abe, H. *see* Katagiri, Y. 14122
Abe, H. *see* Matsuzono, T. 58407
Abe, H. *see* Mikami, N. 21990
Abe, H. *see* Mizuno, M. 20857
Abe, H. *see* Ohnakado, T. 41159
Abe, H. *see* Otani, T. 58399
Abe, H. *see* Sakashita, N. 1340
Abe, H. *see* Sakashita, N. 41142
Abe, H. *see* Sasagawa, K. 247
Abe, H. *see* Shabani, M.B. 42356
Abe, I. *see* Sugiyama, T. 46467
Abe, K., Arodzero, A., Baltay, C., Brau, J., Breidenbach, M., Burrows, P.N., Chou, A., Crawford, G., Damerell, C., Dervan, P., Dong, D., Emmet, W., English, R., Etzion, E., Foss, M., Frey, R., Haller, G., Hasuko, K., Hertzbach, S., Hoeflich, J., Huber, J., Huffer, M., Jackson, D., Jaros, J., Kelsy, J., Kendall, H., Leed, I., Lia, V., Lintern, L., Liu, M., Manly, S., Masuda, H., Moore, T., Nagamine, T., Ohishi, N., Osborne, L., Ross, D., Russell, J., Serbo, V., Sinev, N., Sinnott, J., Skarpaas, K. VIII., Smy, M., Snyder, J., Strauss, M., Su Dong, Suekane, F., Taylor, F., Trandafir, A., Usher, T., Verdier, R., Watts, S., Weiss, E., Yashima, J., Yuta, H., Zapalac, G. The SLD VXD3 detector and its initial performance 59233
Abe, K., Asano, F., Suzuki, Y., Sone, T. Sound field reproduction by controlling the transfer functions from the source to multiple points in close proximity 48272
Abe, K., Aston, D., Baird, K., Baltay, C., Ben-David, R., Bienz, T., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyne, D., Dima, M., D'Oliveira, A., Hallewell, G., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Meadows, B., Mueller, G., Muller, D., Nagamine, T., Narita, S., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Sen, S., Shank, J.T., Shapiro, S., Simopoulos, C., Snyder, J., Stamer, P., Suekane, F., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Willocq, S., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Operational experience with the SLD CRID at the SLC 37234
Abe, K., Harada, Y., Hashimoto, K., Onoda, H. Formation of copper interconnects by the reflow of sputtered copper films 32248
Abe, K., Shao-Liang Zhang, Mitsui, T., Sugiura, H. Evaluation of the accelerating polynomials in a class of product-type iterative methods for linear systems 21136
Abe, K. *see* Caihua Wang 5104
Abe, K. *see* Izuha, M. 43581
Abe, K. *see* Kato, D. 36336
Abe, K. *see* Kato, D. 48212
Abe, K. *see* Kawakubo, T. 43588
Abe, K. *see* Sugiyama, T. 5382
Abe, K. *see* Takahashi, J. 58551
Abe, K. *see* Tanaka, A. 59793
Abe, K. *see* Yoshizawa, M. 59792
Abe, K.-I. *see* Yoshizawa, M. 59797
Abe, M. Synthesizing various speaking styles in a text-to-speech system 14955
Abe, M., Ando, S. Application of loudness/pitch/timbre decomposition operators to auditory scene analysis 24952
Abe, M., Fujisaki, E. How to date blind signatures 4564
Abe, M., Kitagawa, T., Hattori, K., Himeno, A., Ohmori, Y. Electro-optic switch constructed with a poled silica-based waveguide on a Si substrate 33094
Abe, M. *see* Aizawa, K. 27656
Abe, M. *see* Bissessur, H. 33556
Abe, M. *see* Guoyue Chen 45732
Abe, M. *see* Haiji, H. 23323
Abe, M. *see* Hatori, N. 33471
Abe, M. *see* Matsuki, J. 9469
Abe, M. *see* Matsuki, J. 19236
Abe, M. *see* Matsuki, J. 28725
Abe, M. *see* Matsuki, J. 50381
Abe, M. *see* Minamizawa, M. 10170
Abe, M. *see* Mukaihara, T. 14169
Abe, M. *see* Sato, T. 19544
Abe, M. *see* Shinotsuka, M. 43884
Abe, M. *see* Yoshida, Y. 14956
Abe, N., Nakazawa, M., Hattori, S. Autonomous multimedia load control of network by distributed and cooperative multi-server system 47330
Abe, N. *see* Jiang Yu Zheng 5311
Abe, N.M., Cardoso, J.R., Clabunde, D.R.F., Passaro, A. LMAG-2D: a software package to teach FEA concepts 39627
Abe, N.M. *see* Brodskyn, H.O. 50597
Abe, O., Taketa, Y. Temperature sensor by using CTR 17313
Abe, S., Ikenaga, T., Suwa, K., Matsushita, A. Bias magnetic effect using compound magnetic wire sensor in AC magnetic field 7245
Abe, S., Kanzaki, M., Yokoyama, A., Yuba, K., Kawaguchi, S. Integration of one of the largest nationwide continuous GPS array systems in the world 28594
Abe, S. *see* Hirata, S. 43359
Abe, S. *see* Kato, H. 40723
Abe, S. *see* Nishimoto, K. 35787
Abe, S. *see* Thawonmas, R. 46220
Abe, T. Reticle fabrication by high acceleration voltage electron beam: Representative figure method for proximity effect correction [VI] 54547
Abe, T., Kobayashi, T., Imai, S. Pitch estimation based on instantaneous frequency in noisy environments 14866
Abe, T. *see* Aoki, T. 58309
Abe, T. *see* Hayashi, M. 35555
Abe, T. *see* Ishitobi, N. 11649
Abe, T. *see* Ito, K. 25287
Abe, T. *see* Itoh, H. 51515
Abe, T. *see* Mitani, K. 42296
Abe, T. *see* Mitani, K. 42335
Abe, T. *see* Miyake, K. 12176
Abe, T. *see* Nakano, K. 26562
Abe, T. *see* Oyama, J. 60694
Abe, T. *see* Sudou, S. 37282
Abe, T. *see* Tajima, M. 22464
Abe, T. *see* Takeda, M. 46124
Abe, T. *see* Tanaka, H. 60525
Abe, T. *see* Yasuda, H. 22675
Abe, T. *see* Zaitsu, Y. 40659
Abe, Y., Nakagawa, A., Watada, M., Torii, S., Yamane, K., Ebihara, D. Basic characteristics of linear oscillatory actuator for liquid hydrogen pump 4211
Abe, Y., Watanabe, T., Hiraga, H., Miyagi, M. Simplified technique of fabricating dielectric coated silver hollow nickel waveguides by the outer-coating method of the liquid phase process 55241
Abe, Y. *see* Abe, H. 22263
Abe, Y. *see* Furukawa, A. 2837
Abe, Y. *see* Horita, S. 878
Abe, Y. *see* Makita, K. 52735
Abe, Y. *see* Matsui, H. 23590
Abe, Y. *see* Okada, H. 9706
Abe, Y. *see* Shiozawa, K. 32101
Abe, Y. *see* Sone, K. 28491
Abe, Y. *see* Tanaka, A. 59793
Abe, Y. *see* Watanabe, T. 3410
Abe, Y. *see* Yanagisawa, H. 42733
Abe, Y. *see* Yoshizawa, M. 59792
Abed, K.A. Performance of a wind-turbine-driven compressor for lifting water 38670
Abed, K.A., El-Mallah, A.A. Capacity factor of wind turbines 50865
Abed, M.A.A., Ghanta, S. Realization of application-driven, configurable parallel architecture (ADCONPA) based on a fiber-optic LAN 6126
Abed-Ashtiani, B. *see* Faiz, J. 31550
Abed-Meraim, K., Belouchrani, A., Hua, Y. Blind identification of a linear-quadratic mixture of independent components based on joint diagonalization procedure 24614
Abed-Meraim, K., Cardoso, J.-F., Gorokhov, A.Y., Loubaton, P., Moulines, E. On subspace methods for blind identification of single-input multiple-output FIR systems 25000
Abed-Meraim, K., Hua, Y., Loubaton, P., Moulines, E. Subspace method for blind identification of multichannel FIR systems in noise field with unknown spatial covariance 36536
Abed-Meraim, K., Loubaton, P., Moulines, E. A subspace algorithm for certain blind identification problems 34855
Abed-Meraim, K., Moulines, E., Loubaton, P. Prediction error method for second-order blind identification 45748
Abed-Meraim, K., Yingbo Hua Blind identification of multi-input multi-output system using minimum noise subspace 25813
Abed-Meraim, K. *see* Belouchrani, A. 34788
Abed-Meraim, K. *see* Ikram, M.Z. 56255
Abed-Meraim, K. *see* Yingbo Hua 45481
Abedin, K.S., Tsuritani, A.T., Sato, M., Ito, H. Integrated intracavity quasi-phase-matched second harmonic generation based on periodically poled $Nd:LiTaO_3$ 24077
Abedini, A., Moriarta, J., Biroscak, D., Losik, L., Malina, R.F. A low-cost, autonomous, ground station operations concept and network design for EUVE and other Earth-orbiting satellites 8287
Abel, A., Gotz, M., Schwarz, W. PLL demodulation of chaotic signals from periodically forced information transmission systems 4436
Abel, C.-D., Toyama, T., Matsui, T., Okamoto, H., Hamakawa, Y. Effect of free carriers on ac-driven electroluminescent devices with hydrogenated amorphous silicon carbide thin films 3616
Abel, E.W. *see* Wigderowitz, C.A. 28256
Abel, J., Becker, T., Hollemann, G., Landhuis, D., Peik, E., Valentin, M., von Zanthier, J., Walther,

H. The indium ion as a candidate for an optical frequency standard 7143
Abel, M. *see* Kurths, J. 25040
Abel, P., Subramanya, B. An improved aircraft underflight instrument for the derivation of band gains in satellite sensors 8327
Abel, R.B., Pope, E.D., Vadus, J.R., Zuev, V.E. Results of United States-Russia workshop in ocean and oceanic atmosphere technology 50182
Abel, R.J.R., Colbourn, C.J., Yin, J., Zhang, H. Existence of incomplete transversal designs with block size five and any index λ 52395
Abel, S. *see* Mazza, E. 32588
Abele, M.G., Jensen, J.H., Rusinek, H. Strapping techniques for permanent magnets 3236
Abeles, J.H. *see* Garbuzov, D.Z. 3847
Abeles, J.H. *see* Hammer, J.M. 55335
Abelson, J.R. *see* Kim, H. 10750
Abelson, J.R. *see* McCormick, C.S. 22878
Abenavoli, R.I. *see* Dong, W. 20089
Abend, K. *see* Pautz, J.F. 30998
Aber, R. xDSL supercharges copper 47449
Abercrombie, D., Brownson, R., Henis, N. Managing implant shadowing 2302
Abercrombie, D. *see* Henis, N. 54347
Abergel, A. *see* Cesarsky, C.J. 36548
Aberle, A.G., Hezel, R. Advances in low-temperature passivated silicon solar cells 39085
Aberle, A.G., Hezel, R. Progress in low temperature surface passivation of silicon solar cells using remote plasma silicon nitride 51604
Aberle, A.G., Lauinger, T., Bowden, S., Wegener, S., Betz, G. SUNALYZER–a powerful and cost-effective solar cell I-V tester for the photovoltaic community 39012
Aberle, A.G. *see* Altermatt, P.P. 51559
Aberle, A.G. *see* Grauvogl, M. 39199
Aberle, A.G. *see* Hubner, A. 39209
Aberle, A.G. *see* Hubner, A. 51565
Aberle, A.G. *see* Kuhlmann, B. 39210
Aberle, A.G. *see* Lauinger, T. 39195
Aberle, A.G. *see* Schmidt, J. 39194
Aberle, A.G. *see* Verbeek, M. 39216
Aberle, J.T. *see* Elshafiey, T.F. 34127
Aberle, J.T. *see* Elshafiey, T.M.F. 21872
Aberle, J.T. *see* Kokotoff, D.M. 14548
Aberle, J.T. *see* Kokotoff, D.M. 56179
Aberle, J.T. *see* Polycarpou, A.C. 34225
Abermathy, C.R. *see* Lee, J.W. 54437
Abernathy, C.R., Pearton, S.J., MacKenzie, J.D., Lee, J.W., Vartuli, C.B., Wilson, R.G., Shul, R.J., Zolper, J.C., Zavada, J.M. Role of C, O and H in III-V nitrides 12672
Abernathy, C.R. *see* Durbha, A. 12536
Abernathy, C.R. *see* Durbha, A. 54258
Abernathy, C.R. *see* Gillis, H.P. 12757
Abernathy, C.R. *see* Hong, J. 12738
Abernathy, C.R. *see* Hong, J. 12762
Abernathy, C.R. *see* Hong, J. 22590
Abernathy, C.R. *see* Hong, J. 32187
Abernathy, C.R. *see* Lee, J.W. 22587
Abernathy, C.R. *see* Lee, J.W. 22592
Abernathy, C.R. *see* Lee, J.W. 23942
Abernathy, C.R. *see* Lee, J.W. 54459
Abernathy, C.R. *see* Lee, K.N. 42519
Abernathy, C.R. *see* Pearton, S.J. 12695
Abernathy, C.R. *see* Pearton, S.J. 22262
Abernathy, C.R. *see* Pearton, S.J. 22591
Abernathy, C.R. *see* Ren, F. 22876
Abernathy, C.R. *see* Shul, R.J. 2400
Abernathy, C.R. *see* Shul, R.J. 12783
Abernathy, C.R. *see* Vartuli, C.B. 2322
Abernathy, C.R. *see* Vartuli, C.B. 12712
Abernathy, C.R. *see* Vartuli, C.B. 12764
Abernathy, C.R. *see* Vartuli, C.B. 22257
Abernathy, C.R. *see* Vartuli, C.B. 22429
Abernathy, C.R. *see* Vartuli, C.B. 22445
Abernathy, C.R. *see* Vartuli, C.B. 42576
Abernathy, C.R. *see* Vartuli, C.B. 54244
Abernathy, C.R. *see* Wu, X. 54088
Abernathy, C.R. *see* Zavada, J.M. 33578
Abernathy, C.R. *see* Zolper, J.C. 12674
Abernathy, D.S. *see* Teichgraeber, R.D. 50254
Abeyrathne, S.G., Horikawa, J., Murai, Y., Lipo, T.A. Current-clamped, modified series resonant DC-link power converter and control strategies 29383
Abeyratne, S.G., Horikawa, J., Murai, Y., Lipo, T.A. Current-clamped, modified series resonant DC-link power converter for a general purpose induction motor drive 51133
Abeyratne, U.R., Petropulu, A.P. α-weighted cumulant projections: a novel tool for system identification 15197
Abhayapala, T. *see* Kennedy, R.A. 15240
Abhold, M. *see* Menlove, H.O. 7179
Abi-Samra, N., Carnovale, D., Sundaram, A., Malcolm, W. The role of the distribution system dynamic voltage restorer in enhancing the power at sensitive facilities 28886
Abicht, H.-P. *see* Derling, S. 61337
Abid, M. *see* Sharda, N. 46907
Abid, R., Miserey, F. Temperature noncontact measurements on the surface of a GTO thyristor in commutation 42976
Abida, W., Sadarnac, D., d'Almeida, S., Rocher, M., Daluz, O., Perelle, M. Comparison between two new soft switching techniques adapted to high frequency converters 51370
Abida, W. *see* Louati, K. 51374
Abidi, A.A. CMOS-only rf and baseband circuits for a monolithic 900 MHz wireless transceiver 26497
Abidi, A.A. *see* Chang, P.J. 1567
Abidi, A.A. *see* Chang, P.J. 53419
Abidi, A.A. *see* Kwang Young Kim 41266
Abidi, A.A. *see* Pai, P.K.D. 3207
Abidi, M.A. *see* Banta, J.E. 46272
Abido, M.A., Abdel-Magid, Y.L. Tuning of a fuzzy logic power system stabilizer using genetic algorithms 60191
Abiko, I. *see* Ogihara, M. 44296
Abiko, T., Konishi, A., Kagawa, M., Igarashi, S. Thermal response design for high recording density magnetooptical media 43899
Abileah, R., Lewis, D. Monitoring high-seas fisheries with long-range passive acoustic sensors 38143
Abileah, R., Martin, D., Lewis, S.D., Gisiner, B. Long-range acoustic detection and tracking of the humpback whale Hawaii-Alaska migration 38083
Abilov, C.I., Gasanova, M.S., Iskender-Zade, Z.A. Thermoelectrical properties of $(Fe_2Te_3)_{1-x}(In_2Te_3)_x$ solid solutions 31900
Abiri, H. *see* Bakhtazad, A. 33073
Abiri, H. *see* Huber, C. 52873
Abiru, I. *see* Tanaka, T. 17072
Abiven, J. *see* Brosio, A. 26856
Abiven, J. *see* Chapelain, D. 47911
Abkemeier, K.M. Weakly non-Gaussian processes in a-Si:H conductance noise 54111
Abkowitz, M.A. Injection and transport in glassy polymeric coatings 44204
Ablameyko, S. Research comes in from the cold 9941
Ablameyko, S. *see* Okun, O. 5008
Ablameyko, S.V., Frucci, M., Marcelli, A. Shape decomposition by (d_1, d_2)-weighted skeleton and directional information 5381
Able-Thomas, U., Hill, R. Techno-economic comparison of PV and diesel systems for telecommunications and aviation navigational aids 50840
Abler, C.B. *see* Ekelman, E.P. 34192
Ables, E. *see* Hye-Sook Park 58842
Ablowitz, M.J., Biondini, G., Chakravarty, S., Jenkins, R.B., Sauer, I.R. Four-wave mixing in wavelength-division-multiplexed soliton systems: damping and amplification 4026
Abnous, A., Rabaey, J. Ultra-low-power domain-specific multimedia processors 31298
Abo-El-Khier, M. *see* Badawy, I. 60504
Abo-El-Soud, M. *see* El-Sadek, M.Z. 19237
Abo-Elnor, O.A. Effect of load reflections on gyrotron using frequency-domain analysis 53988
Abo-Elsoud, M.A., Soliman, H.H., El-Bakry, H.M., El-Mikati, H.A. A single layer training for high speed character recognition 53488
Abo-Elsoud, M.A. *see* El-Bakry, H.M. 53487
Abo-Hasha, S.M. *see* Ibrahim, M.A.-K. 21119
Abo-Zahhad, M., Ahmed, S.M. Filter designer: a complete design and synthesis program for lumped, wave-digital, FIR and IIR filters 53445
Abo-Zahhad, M., El-Raheem, G.A., Fahmy, M.F. Synthesis of IIR digital filters exhibiting simultaneous amplitude and phase responses for VLSI implementations 53444
Abo-Zahhad, M., Yaseen, M., Henk, T. Arbitrary amplitude and linear phase approximations for non-prototype ladder and lattice wave digital filters 41327
Abo-Zaid, A.M. A simple invariant neural network for 2-D image recognition 57051
AboElFotoh, H.M.F. Algorithms for computing message delay for wireless networks 46540
Aboelfotoh, M.O., Kern, R.S., Tanaka, S., Davis, R.F., Harris, C.I. Electrical characteristics of metal/AlN/n-type 6H-SiC(0001) heterostructures 12557
Aboelfotoh, M.O. *see* Borek, M.A. 12812
Aboelfotoh, M.O. *see* Oktyabrsky, S. 12546
Aboelfotoh, M.O. *see* Oktyabrsky, S. 12547
Aboelfotoh, O. *see* Kumar, D. 13497
Aboreshaid, S., Billinton, R., Fotuhi-Firuzabad, M. Probabilistic transient stability studies using the method of bisection [power systems] 19040
Aboreshaid, S. *see* Billinton, R. 19049
Aboreshaid, S. *see* Billinton, R. 38296
Aboreshaid, S. *see* Billinton, R. 60361
Aboreshaid, S. *see* Billlinton, R. 38695
Aboreshaid, S. *see* Fotuhi-Firuzabad, M. 8839
Abou Elnour, A. *see* Liebig, D. 12859
Abou Khalil, A. *see* Boyd, M.A. 58633
Abou Mansour, S.A. *see* El-Meshad, N.A. 22341
Abou-Allam, E., El-Masry, E.I. A 200 MHz steered current operational amplifier in 1.2-μm CMOS technology 21514
Abou-Auf, A.A. Gate-level modeling of leakage current failure induced by total dose for the generation of worst-case test vectors 21639
Abou-El-Ela, M.S., Megahed, A.L., Malik, O.P. Thermal model based digital relaying algorithm for induction motor protection 19746
Abou-Elnour, A., Schunemann, K. Noise calculation of submicrometer MESFETs by using two-dimensional physical simulators 13011
Abou-Elnour, A. *see* Bing Wang 11684
Abou-Rabia, O., Boglaev, Y.P. The design of exact integrable equations for testing ODE solvers 30634
Aboubacar, A., Aussoleil, E., Bergeret, H., Chbihi, A., Dupont, M., Gardes, J., Jaber, Z., Laguna, M., Leblond, B., Marie, D., Querou, M. Silicon photocathodes with array of tips in a photo-injector 41758
Abouchakra, R. Hierarchical tetrahedral elements using orthogonal polynomials 14525
Aboudabra, A.A., Moriya, Y., Iida, M. The signal level indication method for tropospheric scintillation of Ku-band 45122
Aboudi, J. *see* Shalev, D. 48601
Aboukhres, S. *see* Dziech, A. 39985
Aboul-Dahab, M.A. *see* El-Gamal, Y.S. 34178
Aboul-Enein, H.Y. *see* Stefan, R.-I. 48434
Aboulhamid, E.M. *see* Bennour, I.E. 11051
Aboulhamid, E.M. *see* Bennour, I.E. 11079
Abouliatim, A. *see* Guyader, P. 13810
Aboulnasr, T., Mayyas, K. A robust variable step-size LMS-type algorithm: analysis and simulations 45743
Aboulnasr, T. *see* Laichi, F. 45761
Aboulnasr, T. *see* Mandal, M.K. 5432
Aboulnasr, T. *see* Mayyas, K. 45939
Aboulnasr, T. *see* Wong, K. 16454
Abounadi, A. *see* Aigouy, L. 22359
Abounadi, A. *see* Sadowski, J. 10754
Abousleman, G.P., Marcellin, M.W., Hunt, B.R. Hyperspectral image compression using entropy-constrained predictive trellis coded quantization 46255
Aboutanos, G.B. *see* Maurer, C.R., Jr. 7886
Aboutanos, G.B. *see* Maurer, C.R., Jr. 18274
Abouzahra, M.D. *see* McHarg, J.C. 36256
Abouzeid, M. *see* Amer, A. 9191
Abovian, H.V. *see* Adamian, Z.N. 27488
Aboytes, F., Ramirez, R. Transient stability assessment in longitudinal power systems using artificial neural networks 19109
Abraha A., P. *see* Nakamoto, T. 23070
Abraham, B.M. Low-cost dipole hydrophone for use in towed arrays 16994
Abraham, D.A. A Page test with nuisance parameter estimation 25081
Abraham, D.A. A Page test with nuisance parameter estimation 34823
Abraham, D.A. A nonparametric Page test applied to active sonar detection 48149
Abraham, E. *see* Jonusauskas, G. 55821
Abraham, J.A. *see* Balivada, A. 21821
Abraham, J.A. *see* Karthik, S. 40778
Abraham, J.A. *see* Kyung Tek Lee 17207
Abraham, J.A. *see* Moundanos, D. 32507
Abraham, J.A. *see* Nair, V.S.S. 24898
Abraham, J.A. *see* Tupuri, R.S. 53321
Abraham, M.C. *see* Smith, W.F. 7254
Abraham, N.B. *see* Martin-Regalado, J. 14101
Abraham, N.B. *see* Martin-Regalado, J. 55676
Abraham, N.B. *see* Taggiasco, C. 13966
Abraham, P. *see* Grace, J.L. 17403
Abraham, P. *see* Hawkins, A.R. 27570
Abraham, S.C. A new chemistry for a high-density plasma etcher that improves etch rate loading on the TiN ARC layer when geometries are below 0.5 micron 32227
Abraham-Shrauner, B., Wenjing Chen Neutral shadowing in circular cylindrical trench holes 22561
Abraham-Shrauner, B. *see* Chen, W. 32218
Abrahams, M. *see* Boyle, T. 1205
Abrahamsson, B. *see* Jackson, P.O. 50525
Abraizov, M.G. *see* Polyakov, V.I. 54268
Abram, R.A. *see* Crow, G.C. 44575
Abramenko, J.T. *see* Petrashov, V. 42833
Abramo, A. *see* Fiegna, C. 43072
Abramov, A.A. *see* Dianov, E.M. 23812
Abramov, A.I. *see* Sedlov, A.S. 38601
Abramov, A.S., Vinogradov, A.Ya., Golubev, V.G., Kosarev, A.I., Matyushkina, M.A., Patsekin, A.V. A study of amorphous hydrogenated silicon nitride films produced in the plasma of a high-frequency discharge 10908
Abramov, A.S. *see* Kosarev, A.I. 30918
Abramov, D.V., Galkin, A.F., Klimovskii, I.I., Prokoshev, V.G., Trubitsyn, S.F., Arakelyan, S.M. Visualization of the welding of optical fibers with the help of a laser brightness amplifier 13564
Abramov, D.V. *see* Klimovskii, I.I. 30188
Abramov, S.A., Zima, E.V. D'Alembertian solutions of inhomogeneous linear equations (differential, difference, and some others) 21023
Abramov, V.V. *see* Pershenkov, V.S. 22471
Abramova, I. *see* Vystavkin, A. 32927
Abramova, L.Yu., Baratov, V.M., Vitushkin, L.F., Vitushkin, A.L., Korotkov, V.I., Pul'kin, S.A. High-precision submicrometer length measurements by laser interference diffractometry 17785
Abramova, N. *see* Bratov, A. 48458
Abramova, N.A., Vakser, N.M. Nonlinear amplitude dependence of the dielectric permittivity of polyvinylidene fluoride in strong electric fields 13278
Abramovic, B. Testing and operation quality analysis of gas turbines and combined units in the gas-thermal power plant Jertovec 19572
Abramovich, Y. *see* Gorokhov, A. 24922
Abramovich, Y.I., Gorokhov, A.Y., Spencer, N.K. Convergence analysis of stochastically-constrained sample matrix inversion algorithms 4703
Abramovich, Y.I., Spencer, N.K., Gorokhov, A.Y. Positive definite Toeplitz completion in DOA estimation for partially-augmentable nonuniform linear antenna arrays 4683

Abramovich, Yu.I., Gray, D.A., Gorokhov, A.Y., Spencer, N.K. Positive-definite Toeplitz completion in DOA estimation for fully-augmentable nonuniform linear antenna arrays 25119
Abramovici, A. *see* Kawamura, S. 33772
Abramovici, J. *see* Wanet, P.M. 49487
Abramovici, M. *see* Stroud, C. 31273
Abramovici, M. *see* Stroud, C. 41035
Abramowicz, A. *see* Derzakowski, K. 1698
Abramowski, S., Klabunde, K., Konrads, U., Newnest, K., Tjabben, H. Multimedia session management 26370
Abrams, B.S. *see* Zeger, A.E. 45384
Abrams, D.S. *see* Villeneuve, P.R. 33059
Abrams, D.S. *see* Zeger, A.E. 45384
Abrams, R. *see* Shih, A. 41759
Abramski, K.M. *see* Baker, H.T. 33367
Abramson, I. Double-mode excitation of quartz crystals without dips of activity on the C and B modes 23274
Abramson, N. Wideband random access for the last mile 16457
Abramson, N.H. Relations between holography and relativity 44786
Abramson, N.H. *see* Carlsson, T.E. 7662
Abrantes, A.J. *see* Marques, J.S. 46223
Abrardo, A., Alparone, L., Bartolini, F., Guarnieri, P. Reversible inter-frame compression of high-quality color images of paintings 15613
Abrardo, A., Alparone, L., Cappellini, V. Art-work image processing and transmission 5191
Abrash, V., Sankar, A., Franco, H., Cohen, M. Acoustic adaptation using nonlinear transformations of HMM parameters 15097
Abrash, V. *see* Rivlin, Z. 15047
Abrath, F. *see* Dawson, J. 37868
Abreu, E., Mitra, S.K. A simple algorithm for restoration of images corrupted by streaks 5169
Abreu, E., Mitra, S.K., Marchesani, R. Nonminimum phase channel equalization using noncausal filters 26482
Abreu, M.Gama de *see* Gama de Abreu, M.
Abril, J. *see* Casanovo, P. 1228
Abrishamifar, A. *see* Lahiji, G.R. 53059
Abro, E. *see* Johansen, G.A. 18149
Abro, M.R., Baloch, A., Memon, N. Dynamic modelling of a universal motor to diagnose commutator problems 9160
Abro, M.R., Memon, M., Memon, N. Digital circuit model of a PC controlled overcurrent protective relaying system 28954
Abroian, I.A. *see* Titov, A.I. 54332
Abrosimov, N.V., Rossolenko, S.N., Alex, V., Gerhardt, A., Schroeder, W. Single crystal growth of $Si_{1-x}Ge_x$ by the Czochralski technique 10642
Abroyan, I.A., Nikulina, L.M. Defect accumulation in Si due to systematic bombardment by argon and nitrogen ions (molecular effect) 12138
Abry, P., Sellan, F. The wavelet-based synthesis for fractional brownian motion proposed by F. Sellan and Y. Meyer: remarks and fast implementation 24985
Abry, P. *see* Lemoine, O. 34944
Absaloms, H., Tomikawa, T. A study of human eyes' detection by window-pair chasing 5032
Absalyamova, E.Kh. *see* Gisin, M.A. 13783
Abshire, J.B. *see* Rall, J.A.R. 8435
Absil, E. *see* Ruiz, R. 24827
Absteiter, G. *see* Kruck, P. 17348
Abstreiter, G. Electronic properties of Si/SiGe/Ge heterostructures 42160
Abstreiter, G., Schittenhelm, P., Engel, C., Silveira, E., Zrenner, A., Meertens, D., Jager, W. Growth and characterization of self-assembled Ge-rich islands on Si 809
Abstreiter, G., Strenz, R., Schedelbeck, G., Silveira, E. Electronic excitations in quantum wires and dots 12448
Abstreiter, G. *see* Baumgartner, P. 31989
Abstreiter, G. *see* Baumgartner, P. 54719
Abstreiter, G. *see* Dong Xu 54706
Abstreiter, G. *see* Holzmann, M. 2111
Abstreiter, G. *see* Jaumann, M. 2578
Abstreiter, G. *see* Koster, T. 43132
Abstreiter, G. *see* Xu, D. 41440
Abt, I., Andricek, L., Bauer, C., Baumann, I., Fox, H., Halley, A., Knopfle, K.T., Kroha, H., Richter, R.H., Riechmann, K., Rietz, M., Rubsam, R., Seyberd, H., St Denis, R. Irradiation tests of double-sided silicon strip detectors with a special guard ring structure 7783
Abt, K.O., Wawrzik, U. Transformation of a mature power station structure into an efficient marketable structure 60457
Abu Hassan, L. *see* Rigakis, N. 33242
Abu Sharkh, S.M. *see* Harris, M.R. 9156
Abu Sharkh, S.M. *see* Jones, R.T. 33806
Abu-Amara, H., Coan, B.A., Dolev, S., Kanevsky, A., Welch, J.L. Self-stabilizing topology maintenance protocols for high-speed networks 26176
Abu-Dayya, A.A. *see* Tomiuk, B.R. 34522
Abu-Faraj, Z.O., Harris, G.F., An-Hsiung Chang, Shereff, M.J. Evaluation of a rehabilitative pedorthic: plantar pressure alterations with scaphoid pad application 18539
Abu-Ghalune, J.M. *see* Draidi, J.A. 4731
Abu-Rgheff, M.N.A. *see* Tomlinson, M. 4528
Abu-Sehly, A.A. *see* Hafiz, M.M. 54120
Abu-Shama, E., Bayoumi, M. A new cell for low power adders 1293
Abu-Shama, J. *see* Ayesh, A. 22303
Abud, D. *see* Martinez, A. 51375
Abudayyeh, O. Audio/visual information in construction project control 30141
Abudula, A., Ihara, M., Komiyama, H., Yamada, K. Oxidation mechanism and effective anode thickness of SOFC for dry methane fuel 29621
Abuelgasim, A.A., Gopal, S., Strahler, A.H. Retrieval of canopy structural parameters from multiangle observations using an artificial neural network 8528
Abuelma'alti, M.T. An improved analysis of an optoelectronic mixer based on a metal-semiconductor-metal photodetector 13847
Abuelma'atti, M.T. An improved analysis of an optoelectronic mixer based on metal-semiconductor-metal photodetector 55431
Abuelma'atti, M.T., Al-Shahrani, S.M. New CFOA-based sinusoidal oscillators 31145
Abuelma'atti, M.T., Alzaher, H.A. Universal three input and one output current-mode filter without external passive elements 31364
Abuelma'atti, M.T., Khan, M.H. Grounded capacitor oscillators using a single operational transconductance amplifier 21534
Abuelma'atti, M.T., Qambar, I.S. SPICE application in the study of the behaviour of multi-state systems described by Markov models 52985
Abuelma'atti, M.Taher *see* Taher Abuelma'atti, M.
Abughazaleh, S.A., Christie, P. Real-time determination of interconnect metrology 42720
Abukawa, T. *see* Yeom, H.W. 2253
Abulfotuh, F., Wangensteen, T., Ahrenkiel, R., Kazmerski, L.L. Optical properties and defect levels in a surface layer found on $CuInSe_2$ thin films [solar cells] 39117
Abumahlula, M.A., Doumi, T.L., Gardiner, J.G. Adaptive antennas and mixed traffic in a DECT-WLL environment 35957
Abur, A., Exposito, A.G. Detecting multiple solutions in state estimation in the presence of current magnitude measurements 50305
Abur, A., Gomez Exposito, A. Bad data identification when using ampere measurements 60448
Aburdene, M.F., Dorband, J.E. Parallel computation of discrete Legendre transforms 25157
Aburdene, M.F., Jianqing Zheng, Kozick, R.J. Parallel recursive algorithms for inverse discrete Legendre transform and inverse discrete Laguerre transform 668
Abusaidi, P. *see* Merchant, S. 16262
Abushagur, M.A.G. *see* Bouzid, A. 3396
Abuskand, A. *see* Marienborg, J.-T. 1642
Abusland, A., Lande, T.S., Hovin, M. A VLSI communication architecture for stochastically pulse-encoded analog signals 1643
Abut, H. *see* Bilgin, A. 5553
Abut, H. *see* Bilgin, A. 25376
Abutaleb, A.S. A genetic algorithm for the maximum likelihood estimation of the parameters of sinusoids in a noisy environment 45848
Abys, J.A., Kudrak, E.J., Maisano, J.J., Blair, A. The electrodeposition and material properties of palladium nickel alloys 30845
Abys, J.A., Maisano, J.J., Kadija, I.V., Kudrak, E.J., Nakahara, S. Annealing behavior of palladium-nickel alloy electrodeposits 926
Abys, J.A. *see* Zhang, Y. 22073
Acampora, A.S. *see* Naghshineh, M. 6506
Acampora, J. Procedures for new technology [air traffic control] 49965
Acar, B., Koymen, H. Online exercise ECG signal orthogonalization 37786
Acar, C., Ozoguz, S. High-order voltage transfer function synthesis using CCII+ based unity gain current amplifiers 1019
Acar, I. *see* Chang Liu 35479
Acarnley, P.P., Al-Tayie, J.K. Estimation of speed and armature temperature in a brushed DC drive using the extended Kalman filter 39277
Acarnley, P.P., Al-Tayie, J.K. Combined speed and temperature estimation in brushed DC drives 51711
Acarnley, P.P., Burdess, J.S., Mecrow, B.C., Fawcett, J.N., Kelly, J.G., Dickinson, P.G. Flywheel energy storage in road vehicles 51822
Acarnley, P.P., French, C.D. Torque estimation and control in PM motor drives 61139
Acarnley, P.P., French, C.D., Al-Bahadly, I.H. Position estimation in switched-reluctance drives 61165
Acarnley, P.P., Mecrow, B.C., Burdess, J.S., Fawcett, J.N., Kelly, J.G., Dickinson, P.G. Design principles for a flywheel energy store for road vehicles 29771
Accame, M., De Natale, F.G.B., Giusto, D.D. ANN-driven edge point selection criterion 56999
Accatino, L., Bertin, G., Mongiardo, M. A four-pole dual mode elliptic filter realized in circular cavity without screws 21875
Accatino, L., Piovano, B., Zarba, G. Reduction in size and weight of waveguide beam forming networks for satellite applications 34488
Accettella, S., Gaudenzi, P. On the dynamic interaction between piezoelectric bonded actuators and an axial beam 13371
Acciani, G., Chiarantoni, E. Clustering in remote sensing using an unsupervised neural network 8343
Acciaro, V. Solvability of norm equations over cyclic number fields of prime degree 10296
Acciarri, M., Binetti, S., Garavaglia, M., Pizzini, S. Detection of junction failures and other defects in silicon and III-V devices using the LBIC technique in lateral configuration 31951
Acciarri, M. *see* Savigni, C. 12624
Accomo, R. *see* Fulbert, L. 4161
Accossato, P. *see* Fanigliulo, A. 7454
Acebal, R. Shape factors for rotating machines [electromagnetic guns] 33913
Acedo, M. *see* Radu, I. 43438
Acedo, P. *see* Lamela, H. 46271
Acef, O. Metrological properties of CO_2/OsO_4 optical frequency standard 27204
Acef, O. Recent progress on the 28/29 THz CO_2/OsO_4 LPTF frequency standard 27266
Acef, O. *see* de Beauvoir, B. 27263
Acef, O. *see* Touahri, D. 14172
Acef, O. *see* Touahri, D. 27264
Acef, O. *see* Touahri, D. 48332
Aceituno, P., Cruz, H., Hernandez-Cabrera, A. Dynamics of directly created excitons in asymmetric double quantum wells 32031
Acerbi, E. *see* Calabretta, L. 49145
Acerbis, M. *see* Sinkkonen, J. 39004
Acerbis, M. *see* Tuominen, E. 61096
Acero, A., Xuedong Huang Speaker and gender normalization for continuous-density hidden Markov models 14931
Acero, J. *see* Iglesias, I.J. 51632
Acero, M.C. *see* Serre, C. 12688
Aceto, S. *see* Beckstead, J.A. 58579
Acevedo, P. Validation of the real-time infrared scene simulator (RISS) for the AN/AAR-44 missile approach warning application 28525
Aceves, R. *see* Munoz, J.A. 44215
Acha, J.I. *see* Clemente, R.M. 34769
Achalya, G.N. *see* Awatade, M.N. 27507
Achar, R. *see* Guowu Zheng 11082
Achard, H. *see* Guillaumot, B. 1371
Achari, A. Transport mechanism in borophosphosilicate glass passivation 32192
Achari, A. *see* Goenka, L. 22097
Acharya, A., Badrinath, B.R. A framework for delivering multicast messages in networks with mobile hosts 6214
Acharya, A. *see* Uysal, M. 47217
Acharya, H.N. *see* Pal, R.R. 40955
Acharya, R. *see* Aidong Zhang 5014
Acharya, R. *see* Andres, E. 35035
Acharya, R. *see* Wen, C.-Y. 56748
Acharya, R. *see* Wen, C.-Y. 59554
Acharya, R.S. *see* Yao, Y. 35260
Acharya, Y.B. *see* Jayaraman, A. 28615
Acharya Anurag *see* Anurag Acharya
Achasov, M.N., Bukin, A.D., Bukin, D.A., Burdin, S.V., Bozhenok, A.V., Dimova, T.V., Druzhinin, V.P., Dubrovin, M.S., Gaponenko, I.A., Golubev, V.B., Gritsan, A.V., Ivanchenko, V.N., Koshuba, S.V., Korol, A.A., Salnikov, A.A., Serednyakov, S.I., Silagadze, Z.K., Usov, Yu.V. Absolute energy calibration of the SND detector calorimeter by cosmic muons 37251
Achatz, R.J. *see* Quincy, E.A. 26940
Ache, H.J. *see* Faubel, W. 28664
Ache, H.J. *see* Radloff, D. 27968
Achen, A. *see* Fischbeck, G. 44010
Achen, A. *see* Mills, M.E. 43424
Achenbach, J.D. *see* Dorighi, J. 36981
Achenbach, J.D. *see* Tourlog, A. 18954
Acher, O., Baclet, P., Perrin, G., Roblin, O., Le Gourrierec, P. Investigation of the microwave permeability of ferromagnetic film laminations under a magnetic field 3091
Acher, O. *see* Jacquart, P. 10955
Acher, O. *see* Suran, G. 3087
Achermann, B., Bunke, H. Combination of face classifiers for person identification 5614
Acheroy, M. *see* Cornelis, J. 8598
Acheroy, M. *see* Mees, W. 15708
Acheroy, M. *see* Perneel, C. 21047
Achkar, J. *see* Torralba, B. 27299
Achouche, M., Clei, A., Harmand, J.C. Characterization of electrical damage induced by CH_4/H_2 reactive ion etching of molecular beam epitaxial InAlAs 54436
Achten, E. *see* Van De Walle, R. 46266
Achtenhagen, M., Miles, R.O., Reinhart, F.K. Localized saturation of loss grating in complex-coupled DFB laser diodes 3825
Achtenhagen, M., Miles, R.O., Reinhart, F.K. Experimental observation of localized luminescence clamping in complex-coupled DFB laser diodes 55647
Achtenhagen, M. *see* Robadey, J. 23900
Achtziger, N. Scandium correlated deep levels in silicon 1972
Achtziger, N. *see* Herre, O. 32121
Achuthan, K., Curry, J., Lacy, M., Campbell, D., Babu, S.V. Investigation of pad deformation and conditioning during the CMP of silicon dioxide films 2411
Achutharaman, R., Hey, P., Regolini, J.L. Selective CVD of titanium silicide for raised source/drains 12804
Acioli, L.H., Gomes, A.S.L., De Araujo, C.B., Ironside, C.N. Infrared-to-blue frequency upconversion in a Pr^{3+}-doped silicate fiber 3720
Ackaert, A. *see* Peeters, J. 6413

Acken, J.M. *see* Millman, S.D. 20837
Acken, K.P., Irwin, M.J., Owens, R.M. Power comparisons for barrel shifters 11321
Ackerley, R., Elvidge, A., Ingham, T., Shepherdson, J. Network intelligence – performance by design 47304
Ackerman, D.A. *see* Hybertsen, M.S. 33485
Ackerman, R.E., Schaefer, D.A. Wire button contact retainer board for 3-D interconnected MCM's 1885
Ackerman, R.E., Schaefer, D.A. Wire button contact retainer board for 3-D interconnected MCMs 52236
Ackermann, G., Scheibe, K., Stimper, K. Insulation-threatening overvoltages in the low-voltage range 50480
Ackermann, J. *see* Stemmer, J. 54794
Ackermann, J. *see* Uffmann, D. 54793
Ackermann, U. *see* Menzi, U. 26395
Ackerson, J. *see* Wade, L. 8713
Acketa, D.M. *see* Zunic, J. 30582
Acklin, B. *see* Heinbach, M. 55296
Ackmann, J.J. *see* Hettrick, D.A. 28320
Ackovski, R. *see* Borozan, V. 38345
Acosta, A.M. *see* Kirsch, R.F. 18216
Acosta, E. *see* Rios, S. 14474
Acosta, F.M.Aparicio *see* Aparicio Acosta, F.M.
Acosta, R.E., Ahn, C.H., Babich, I.V., Chainer, T.J., Cooper, E.I., Cotte, J.M., Horkans, J., Hegde, S., Jahnes, C., Krongelb, S., Kwietniak, K.T., LaBianca, N.C., O'Sullivan, E.J.M., Pomerene, A.T., Rath, D.L., Romankiw, L.T., Tornello, J.A. Integrated variable reluctance magnetic mini-motor 38760
Acosta, R.E., Puisto, D. Image placement errors in X-ray masks induced by changes in resist stress during electron-beam writing 32303
Acosta, R.E. *see* Laird, D.L. 32294
Acovic, A. *see* Su, L. 2793
Acquarone, F. *see* Schenone, A. 4918
Acquaviva, S. *see* D'Anna, E. 901
Acsente, T. *see* Mandache, C. 48319
Actani, N. *see* Takada, K. 29584
Acton, S.T. A pyramidal edge detector based on anisotropic diffusion 25408
Acton, S.T. Edge enhancement of infrared imagery by way of the anisotropic diffusion pyramid 57003
Acuña, D. *see* Orozco, P. 7622
Acuna, E.L. High frequency surface mount inductors 21996
Acuna, M.H., Scheifele, J.L., Stella, P., Kloss, C., Smith, B., Heinshohn, G., Sharmit, K. Magnetic field cancellation techniques for the Mars Global Surveyor solar array 38011
Ada-Hanifi, M. *see* Sallagoity, P. 2791
Adachi, A. *see* Hayashi, K. 9739
Adachi, A. *see* Hiyamizu, S. 42109
Adachi, A. *see* Kaneko, S. 16785
Adachi, A. *see* Tomita, N. 22375
Adachi, E. *see* Sunamoto, M. 11180
Adachi, F. Adaptive phase diversity for MDPSK reception 6520
Adachi, F. Theoretical analysis of DS-CDMA reverse link capacity with SIR-based transmit power control 26532
Adachi, F., Sawahashi, M., Okawa, K. Tree-structured generation of orthogonal spreading codes with different lengths for forward link of DS-CDMA mobile radio 26560
Adachi, F. *see* Dohi, T. 47688
Adachi, F. *see* Sawahashi, M. 26537
Adachi, H. *see* Fukuhisa, T. 44516
Adachi, H. *see* Kamio, T. 21859
Adachi, H. *see* Kidoguchi, I. 55683
Adachi, H. *see* Okamoto, K. 48387
Adachi, H. *see* Sen, B.K. 1741
Adachi, H. *see* Young-Seog Kang 13247
Adachi, I. *see* Iijima, T. 37238
Adachi, I. *see* Sahu, S.K. 37360
Adachi, K. PC Card Standard and its future trends 35827
Adachi, K. *see* Eguchi, K. 19991
Adachi, K. *see* Kotaki, H. 43026
Adachi, K. *see* Maruyama, F. 32783
Adachi, M., Toshima, T., Yachizaka, J., Kawabata, A. Preparation and properties of $Pb(Sc_{1/2}Nb_{1/2})O_3$-$Pb_{0.85}La_{0.15}Ti_{0.96}O_3$ (PSN-PLT) solid-solution ceramics 930
Adachi, M. *see* Futakuchi, T. 931
Adachi, M. *see* Kurosu, S. 17266
Adachi, M. *see* Sakuta, S. 27887
Adachi, N. *see* Sueoka, K. 54019
Adachi, N. *see* Sugimura, M. 25712
Adachi, R. *see* Oguri, Y. 33250
Adachi, S. *see* Ishifuji, T. 47457
Adachi, S. *see* Kawahara, T. 58188
Adachi, S. *see* Kobayashi, K. 22598
Adachi, S. *see* Miyazaki, T. 30757
Adachi, S. *see* Osakabe, S. 42508
Adachi, S. *see* Takeyama, S. 21239
Adachi, S. *see* Takeyama, S. 22370
Adachi, T., Nakagawa, M. Spread-spectrum sharing using comb spectrum structure in a microcell/macrocell cellular architecture 6593
Adachi, T., Nakagawa, M. Cellular ad-hoc united communication system 26656
Adachi, T. *see* Kanazawa, S. 33838
Adachi, T. *see* Kato, M. 41158
Adachi, T. *see* Kawahara, T. 1331
Adachi, T. *see* Sato, H. 59166
Adachi, T. *see* Tsuzuki, Y. 11219
Adachi, Y. *see* Kurosawa, T. 59851
Adachihara, T. *see* Yokoyama, N. 12905
Adah, T. *see* Bakal, B. 9055
Adah, T. *see* Liu, X. 34828
Adah, T. *see* Ning Li 56247
Adah, T. *see* Yue Wang 59557
Adair, P.L., Zheng Chen, Rose, M.F. Photoelectric conversion efficiencies for InGaAs photovoltaic cells illuminated by composite selective emitters 20083
Adair, P.L. *see* Zheng Chen 20082
Adali, T., Liu, X., Sonmez, M.K. Conditional distribution learning with neural networks and its application to channel equalization 45948
Adali, T., Sonmez, M.K., Xiao Liu Partial likelihood for real-time signal processing 25224
Adali, T. *see* Bakal, B. 38512
Adali, T. *see* Bakal, B. 60532
Adali, T. *see* Jianhua Xuan 25836
Adali, T. *see* Yue Wang 25751
Adalsteinsson, D., Sethian, J.A. Computational performance of level set methods for etching, deposition, and lithography development 12742
Adalsteinsson, D. *see* Sethian, J.A. 32529
Adam, A., Aguilar-Benitez, M., Alarcon, J., Alberdi, J., Alexandrov, V., Aloisio, A., Alviggi, M.G., Anderhub, H., Ariza, M., Azemoon, T., Aziz, T., Bakker, F., Banerjee, S., Banicz, K., Barcala, J., Becker, U., Berdugo, J., Berges, P., Betev, B.L., Biland, A., Bobbink, G.J., Bock, R., Boehm, A., Borissov, V., Bosseler, K., Bouvier, Ph., Brambilla, E., Burger, J.D., Burgos, C., Buskens, J., Carlier, J.C., Carlino, G., Casaus, J., Cavallo, N., Cerjak, I., Cerrada, M., Chang, Y.H., Chen, H.S., Chendvankar, S.R., Chvatchkine, V., Daniel, M., De Asmundis, R., Decreuse, G., Deiters, K., Djambazov, L., Duraffourg, P., Erne, F.C., Esser, H., Ezekiev, S., Faber, G., Fabre, M., Fernandez, G., Freudenreich, K., Fritschi, M., Garcia-Abia, P., Gonzalez, A., Gurtu, A., Gutay, L.J., Haller, C., Herold, W.D., Herrmann, J., Herve, A., Hofer, H., Hofer, H., Hofer, M., Hofer, T., Homma, J., Horisberger, U., Horvath, I., Ingenito, P., Innocente, V., Ioudine, I., Jaspers, M., De Jong, P., Kaestli, W., Kaspar, H., Kitov, V., Koenig, A.C., Koutsenko, V., Lanzano, S., Lapoint, C., Lebedev, A., Lecomte, P., Lista, L., Luebelsmeyer, K., Lustermann, W., Ma, J.M., Milesi, M., Molinero, A., Montero, A., Moore, R., Nahn, S., Navarrete, J., Okle, M., Orlinov, I., Ostojic, D., Pandoulas, D., Paolucci, P., Parascandolo, P., Passeggio, G., Patricelli, S., Peach, D., Piccolo, D., Pigni, L., Postema, H., Puras, C., Ren, D., Rewiersma, P., Rietmeyer, A., Riles, K., Risco, J., Robohm, A., Rodin, J., Roeser, U., Romero, L., Van Rossum, W., Rykaczewski, H., Sarakinos, M.E., Sassowsky, M., Schegelsky, V., Scholz, N., Schultze, K., Schuylenburg, H., Sciacca, C., Seiler, P.G., Siedenburg, T., Siedling, R., Smith, B., Soulimov, V., Sudhakar, K., Syben, O., Tonutti, M., Udovcic, A., Ulbricht, J., Veillet, L., Vergain, M., Viertel, G., Von Gunten, H.P., Vorobyov, A.A., Vrankovic, V., De Waard, A., Waldmeier-Wicki, S., Wallraff, W., Walter, H.C., Wang, J.C., Wei, Z.L., Wetter, R., Weverling, I., Willmott, C., Wittgenstein, F., Wu, R.J., Yang, K.S., Zhou, L., Zhou, Y., Zuang, H.L. The forward muon detector of L3 37280
Adam, A. *see* Pointurier, F. 18154
Adam, A.M.M.M., Borras, N., Perez, E., Cabot, P.L. Electrochemical corrosion of an Al-Mg-Cr-Mn alloy containing Fe and Si in inhibited alkaline solutions 9474
Adam, D. *see* Duboz, J.Y. 44072
Adam, D. *see* Ortion, J.M. 54425
Adam, D. *see* Ortion, J.R. 22599
Adam, E.E., Jr. *see* Foster, S.T., Jr. 52321
Adam, J., Brown, K. Alpha chip packaging challenges of today and tomorrow 39805
Adam, J., Byalko, A.A., Slyusarenko, A.I., Fooks, M.E., Tsoupko-Sitnikov, V.M., Churakov, A.K. Method and program for decay scheme reconstruction based on formal logical analysis of gamma-gamma coincidence matrix 59352
Adam, J.D. *see* Singh, N.B. 10598
Adam, J.L. *see* Hbib, H. 10872
Adam, N. *see* Bamler, R. 48073
Adam, R., Kula, W., Murduck, J.M., Pettiette-Hall, C., Sobolewski, R. Laser-induced modification of the critical current in Y-Ba-Cu-O step-edge Josephson junctions 43827
Adam, S. *see* Stammbach, T. 7699
Adam, W., Albrecht, E., Bozzo, M., Fontanelli, F., Gracco, V., Hrubec, J., Mongiardini, E., Morelli, A., Morettini, P., Petrolini, A., Piana, G., Ullaland, O. Thin Gap Gas Chambers for the DELPHI endcaps 59267
Adam, W., Bosio, C., Chochula, P., Cindro, V., Krammer, M., Leder, G., Mariotti, C., Masik, J., Margan, E., Neufeld, N., Pernegger, H., Pernicka, M., Rakoczy, D., Rykalin, V., Zontar, D. The status of the DELPHI very forward ministrip detector 37221
Adamantiades, A.G., Terrado, E. The World Bank's Solar Initiative objectives, accomplishments, and plans 19446
Adamchik, V. On Stirling numbers and Euler sums 40070
Adamchuk, V.K. *see* Lybinetsky, I.V. 30945
Adamcik, I., Brzobhaty, J., Vesely, M. Stimulating effects of the TEMPUS programme on the level of microelectronics in the Czech and Slovak Republics 9884
Adamczewski, I., Januszajtis, A. Progress in understanding of ionization conduction and breakdown in dielectric liquids 23118
Adamczyk, M.M., Crago, P.E. Input-output nonlinearities and time delays increase tracking errors in hand grasp neuroprostheses 18537
Adamczyk, O. *see* Bond, A.E. 13008
Adami, M. *see* Fanigliulo, A. 7454
Adami, M. *see* Sartore, M. 58867
Adami, M. *see* Yimer, B. 28573
Adamiak, K. Particle charging by unipolar ionic bombardment in an AC electric field 55980
Adamiak, K., Dabrowski, W.J., Fenster, A. Numerical simulation of optical characteristics in nonaxisymmetrical image intensifiers 36673
Adamiak, K. *see* Jaworck, A. 33851
Adamian, Z.N., Abovian, H.V., Aroutiounian, V.M. Smoke sensor on the base of Bi_2O_3 sesquioxide 27488
Adamian, Z.N. *see* Aroutiounian, V.M. 27728
Adamidis, G.A. *see* Danikas, M.G. 13300
Adamik, M., Safran, G., Barna, P.B., Kaiser, U., Laux, S., Richter, W. Structure characteristics of stratified and single fluoride optical coatings 3563
Adamovskii, L.A., Romadov, V.N., Muravlev, A.B., Inkin, Yu.N. Vortex flowmeters for measuring liquid flows 59084
Adamovsky, G. *see* Sarkisov, S. 33100
Adams, A. *see* Tweedy, A. 50143
Adams, A.E. *see* Lawlor, M.A. 50187
Adams, A.E. *see* Neasham, J.A. 48034
Adams, A.E. *see* Thompson, D. 48032
Adams, A.L. *see* Goodnough, M.A. 17530
Adams, A.R., Silver, M., O'Reilly, E.P., Gonul, B., Phillips, A.F., Sweeney, S.J., Thijs, P.J.A. Hydrostatic pressure dependence of the threshold current in 1.5 μm strained quantum well lasers 23953
Adams, A.R. *see* O'Reilly, E.P. 23951
Adams, A.R. *see* O'Reilly, E.P. 33486
Adams, A.R. *see* Silver, M. 10717
Adams, A.R. *see* Valster, A. 55634
Adams, B. New architecture for sigma-delta A/D conversion 41273
Adams, B.B., Dieffenbach, J.R. MCM-D manufacturing for the 21st century: The facility, the product, the cost 1884
Adams, C. *see* Balabanian, V. 6322
Adams, C.A., Kusters, J.A., Sousa, C.M. Improved quality factor for quartz oscillators 13360
Adams, C.J. *see* Aghabarari, E. 18713
Adams, D. Open for business–securely! 26135
Adams, D., Alford, T.L., Laursen, T., Deng, F., Morton, R., Lau, S.S. The formation of TiN-encapsulated silver films by nitridation of silver-refractory metal alloys in NH_3 42715
Adams, D., Alford, T.L., Theodore, N.D., Laursen, T., Russell, S.W., Kim, M.J. Influence of interfacial copper on the Ti-SiO_2 reaction during nitridation of Cu-Ti films 54431
Adams, D., Baumbaugh, B., Borcherding, F., Dunnigan, M., Marchant, J., Potashnik, S., Ruchti, R., Warchol, J., Wayne, M. Scintillating pad detectors 59218
Adams, D. *see* Alford, T.L. 22613
Adams, D. *see* Jaquez, E.J. 54390
Adams, D. *see* Laursen, T. 42619
Adams, D. *see* Williams, D. 1369
Adams, D. *see* Zou, Y.L. 42716
Adams, D.F. *see* Tello, R. 59524
Adams, D.J. *see* Hsu, J.S. 29241
Adams, D.M., Rolland, C., Puetz, N., Moore, R.S., Yu, J., Shepherd, F.R., Kim, H.B., Bradshaw, S. Mach-Zehnder modulator integrated with a gain-coupled DFB laser for 10 Gbit/s, 100 km NDSF transmission at 1.55 μm 36140
Adams, D.N. Macrocellular angle-of-arrival and delay measurements at 1800 MHz 35990
Adams, D.P. *see* Mayer, T.M. 54542
Adams, E. *see* Willetts, K. 26039
Adams, E.K. *see* Willetts, K.J. 26020
Adams, E.K. *see* Willetts, K.J. 46868
Adams, G. *see* Huish, P. 26389
Adams, G. *see* Liu, R.-Y. 28695
Adams, G. *see* Warzanskyj, W. 26388
Adams, G.F., Ausherman, D.A., Crippen, S.L., Sos, G.T., Williams, B.P., Heidelbach, R. The ERIM interferometric SAR: IFSARE 18660
Adams, H. Wireless technologies and the mobile workforce 26149
Adams, H.W., Jr., Trivette, J.D. Evaluation of magnetic field and system loss considerations for changes in transmission network configuration 8847
Adams, J.A. Using cross-sectional X-ray techniques for testing ball grid array connections and improving process quality 39843
Adams, J.A. Using cross-sectional X-ray techniques for testing ball grid array connections and improving process quality 41689
Adams, J.E. *see* Smyth, P.P. 28144
Adams, J.H., Jr. *see* Tylka, A.J. 28557
Adams, J.W. *see* Sullivan, J.L. 1620
Adams, J.W. *see* Sullivan, J.L. 1621
Adams, J.W. *see* Sullivan, J.L. 4868
Adams, J.W. *see* Sullivan, J.L. 4892
Adams, K. *see* Reuter, M. 28367

Adams, L. *see* Berger, G. 49268
Adams, L. *see* Elmazria, O. 32415
Adams, M.L. *see* Lee, S.K. 7713
Adams, P.F., Prior, J.S., Falconer, J.R., Chaplin, K.M. A process re-engineering approach to deploying new access technology 47417
Adams, R. *see* Kwan, T. 11539
Adams, R.K. Low-cost EMI troubleshooting techniques 34114
Adams, S. *see* Saxena, N. 22058
Adams, S. *see* Saxena, N. 39753
Adams, S.G., Watson, K.L., Malave, C.O. Foundation Coalition at Texas A&M University: utilizing TQM and OD to manage curricula change 20657
Adams, S.M., Gases, A., Chang, E.K., Kirschner, M.J. Atmospheres and performance during soldering 41664
Adams, T. High-speed automated inspection of IC packages for hidden internal defects 10185
Adams, T. Backside inspection reveals hidden defects 39867
Adams, T.G. *see* Pavelchek, E.K. 44183
Adams, V.H., Blackburn, D.L., Joshi, Y., Berning, D.W. Issues in validating package compact thermal models for natural convection cooled electronic systems 52274
Adams, V.W. Environmental life cycle analyses of transport systems 61287
Adams, W. *see* Haigh, D. 19230
Adams, W. *see* Hanlin Wang 24149
Adams, W. *see* Sakis Meliopoulos, A.P. 50599
Adams, W.A., Hill, I.R., De Oliveira, J.C.T. Rechargeable electrochemical cell studies at ESTCO 9482
Adams, W.J. Using Windows NT in a student computer lab 20544
Adams, W.W. *see* Natarajan, L.V. 4133
Adams-Melvin, B.L. *see* McGregor, D.R. 11902
Adamson, G. How to deliver assistive technology via a multimedia approach: using telecommunications, video, CD-ROM, disk, etc 101
Adamson, K. *see* Shore, N.L. 8866
Adamson, S.D., Han, B.K., Hicks, R.F. Site-specific reaction kinetics for gallium arsenide metalorganic vapor-phase epitaxy 772
Adamson, S.D. *see* Weiller, B.H. 52764
Adamy, D. *see* Conkle, J.R. 60157
Adan, A., Bachiller, M., Cerrada, C., Feliu, V. An approach to object tracking based on a simplified 3D geometric model 57120
Adan, A.O., Kaneko, S., Naka, T., Urabe, D., Higashi, K., Kagisawa, A. Channel-drain lateral profile engineering for advanced CMOS on ultra-thin SOI technology 22815
Adan, A.O., Naka, T., Kaneko, S., Urabe, D., Higashi, K., Fukushima, Y., Takamatsu, S., Hideshima, S., Kagisawa, A. An advanced shallow SIMOX/CMOS technology for high performance portable systems 43318
Adan, A.O., Naka, T., Kaneko, S., Urabe, D., Higashi, K., Kagisawa, A. Device integration of a 0.35 μm CMOS on shallow SIMOX technology for high-speed and low-power applications 22970
Adan, A.O. *see* Kaneko, S. 43262
Adan, I., Wessels, J. Shortest expected delay routing for Erlang servers 52410
Adan, I., Zhao, Y. Analyzing GI/E_r/1 queues 10252
Adanez, X.Garcia *see* Garcia Adanez, X.
Adapa, R. *see* Jia-Yo Chiang 28836
Adapa, R. *see* Jia-Yo Chiang 28853
Adapa, R. *see* Wong, K.Y. 32387
Adapa, R. *see* Zuwei Yu 19102
Adapta, R. *see* Jianming Chen 28837
Adar, U. *see* Cheifetz, E. 22130
Aday, J.G., Tessier, T.G., Crews, H., Rasul, J. A comparative analysis of high density PWB technologies 6575
Aday, J.G., Tessier, T.G., Rasul, J. A comparative analysis of high density PWB technologies 53865
Aday, J.G. *see* Tessier, T.G. 1864
Aday, J.G. *see* Tessier, T.G. 53845
Adb El-Azeem, M.H., Sobhy, M.I., Hosny, E.A. Calculating the impedance of patch antennas using TLM 56157
Adcock, J.E., Gotoh, Y., Mashao, D.j., Silverman, H.F. Microphone-array speech recognition via incremental map training 15009
Adcock, J.E. *see* Brandstein, M.S. 15010
Adcock, J.E. *see* Brandstein, M.S. 25092
Adcock, P.W. *see* Fiskum, R.J. 20249
Adda, G. *see* Adda-Decker, M. 14885
Adda, G. *see* Gauvain, J.L. 24819
Adda-Decker, M., Adda, G., Lamel, L., Gauvain, J.L. Developments in large vocabulary, continuous speech recognition of German 14885
Adda-Dekker, M. *see* Young, S.J. 56368
Adde, P., Pyndiah, R., Berrou, C. Performance of hybrid turbo codes 4525
Adde, P. *see* Douillard, C. 9890
Adde, R. *see* Aniel, F. 54695
Adde, R. *see* Aniel, F. 54696
Adde, R. *see* Sylvestre, A. 54692
Addessi, L.J. *see* Green, M.A. 37081
Addis, F.W. *see* Olsen, L.C. 38979
Addis, F.W. *see* Olsen, L.C. 39118
Addis, F.W. *see* Yater, J.A. 38980
Addison, C., Cullen, T. Harvest from the NET: benefits of Email for disseminating agricultural information in the African continent 6014
Addison, R.C., Jr. *see* Safaeinili, A. 31026
Addonizio, M.L. *see* Prosini, P.P. 30865
Addy, R.C., Palmer, A.W., Grattan, K.T.V. Effects of external reflector alignment in sensing applications of optical feedback in laser diodes 17844
Addy, R.C., Palmer, A.W., Grattan, K.T.V. Aspects of the use of self-mixing interference in laser diodes for displacement sensing 36900
Ade, P.A.R. *see* Holzapfel, W.I. 58516
Ade, P.A.R. *see* Murray, A.G. 7557
Ade, R. *see* Jackel, J.L. 3496
Adedeji, A.V. *see* Osasona, O. 44193
Adegboyega, G.A., Passari, L., Butturi, M.A., Poggi, A., Suzi, E. Electrical properties of silver impurities and their annealing behaviour in p-type Fz silicon 32111
Adel Slamani, M., Weiner, D.D., Vannicola, V., Ferris, D. Application of A'SCAPE to the millimeter wave data for the detection of concealed weapons 36699
Adelberger, E. *see* Diercks, A. 17518
Adelerhof, D.J. *see* le Grand, J.B. 32915
Adell, L. *see* Martin, J.M. 17393
Adeloju, S.B. *see* Talaie, A. 48701
Adelson, E.H. *see* Simoncelli, E.P. 56927
Adelson, R.M. Frequency estimation from few measurements 45867
Adelstein, B.D. *see* Ellis, S.R. 17620
Adelstein, B.D. *see* Ellis, S.R. 48780
Adema, G. *see* Rinne, G. 22083
Adema, G.M. *see* Loboda, M.J. 310
Adema, G.M. *see* Loboda, M.J. 52233
Adema, G.M. *see* Mis, J.D. 53831
Adema, G.M. *see* Rinne, G.A. 53883
Ademovic, E. *see* Pesu, L. 37764
Aden, T.C., Brown, J.L., Churchwell, V.D., Dewer, P., Juhasz, A., Kaplan, Z., Williams, J. Summary of the hypervelocity weapon system field experiment 38182
Adensamer, R.J. A process-centric approach to enterprise transformation 35651
Aderhold, J. *see* Stemmer, J. 54794
Aderhold, J. *see* Uffmann, D. 54793
Aderhold, W.R., Shah, N., Bogen, S., Bauer, A., Burte, E.P. GOI impact of Cu, Ni and Al atoms on the wafer surface prior to RTP and furnace oxidations 22579
Ades, D. *see* Romero, D.B. 3643
Adesida, I., Arafa, M., Ismail, K., Chu, J.O., Meyerson, B.S. Submicrometer p-type SiGe modulation-doped field-effect transistors for high speed applications 43131
Adesida, I. *see* Arafa, M. 13027
Adesida, I. *see* Chen, Q. 41469
Adesida, I. *see* Diogu, K.K. 1155
Adesida, I. *see* Grundbacher, R. 43129
Adesida, I. *see* Hannan, M. 22898
Adesida, I. *see* Hannan, M. 31985
Adesida, I. *see* Mahajan, A. 1717
Adesida, I. *see* Mahajan, A. 43344
Adesida, I. *see* Osowski, M.L. 44502
Adesida, I. *see* Panepucci, R. 22377
Adesida, I. *see* Ping, A.T. 12786
Adesida, I. *see* Ping, A.T. 42591
Adesida, I. *see* Ping, A.T. 54458
Adesida, I. *see* Schmitz, A.C. 12537
Adesida, I. *see* Sengupta, D.K. 27579
Adesida, I. *see* Sengupta, D.K. 54326
Adesida, I. *see* Soole, J.B.D. 23529
Adesida, I. *see* Soole, J.B.D. 26929
Adesida, I. *see* Soole, J.B.D. 48000
Adesida, I. *see* Wohlmuth, W. 48540
Adesida, I. *see* Wohlmuth, W.A. 17361
Adesida, I. *see* Wohlmuth, W.A. 58751
Adesida, I. *see* Youtsey, C. 23642
Adesida, I. *see* Youtsey, C. 32195
Adesida, J. *see* Arafa, M. 2722
Adeva, B. *see* Gomez, F. 37446
Adey, R.A. *see* Niku, S.M. 21199
Adey, W.R. *see* Jones, R.A. 28457
Adeyemi, O.A., Hartt, K., Boudreaux-Bartels, G.F. Multifractal nature of unvoiced speech signals 24844
Adeyeye, A.O., Lauhoff, G., Bland, J.A.C., Daboo, C., Hasko, D.G., Ahmed, H. Magnetoresistance behavior of submicron $Ni_{80}Fe_{20}$ wires 43616
Adeyeye, A.O. *see* Cowburn, R.P. 55069
Adeyiga, A.A. *see* Hanidu, G.A. 20609
Adham, S. *see* Yuejian Wu 43185
Adham, S.M.I., Gupta, S. DP-BIST: a built-in self-test for DSP data paths–a low overhead and high fault coverage technique 53303
Adhami, R.R. *see* Bruce, L.M. 10510
Adhi, K.P. *see* Dharmadhikari, A.K. 3466
Adhi, K.P. *see* Shinde, S.R. 40694
Adhihetty, I. *see* Lall, P. 233
Adhihetty, I.S., Padmanabhan, R.P. The role of thermal analysis in package materials characterization 30282
Adhihetty, I.S. *see* Padmanabhan, R.P. 30285
Adhikari, P. *see* Ruigrok, R. 6794
Adiano, C., Sharkey, A.I. A dynamic, integrated manufacturing approach to quality function deployment 52327
Adib, M. *see* Naguib, K. 37527
Adiletta, M., Bernstein, D., Emer, J., Ho, S., Wheeler, B. Architecture of a flexible real-time video encoder/decoder: the DECchip 21230 47466
Adimi, D., Hachicha, A. Simulation of bandwidth enforcement for video traffic in ATM networks 57730
Aditya, S. Optically controlled microwave and millimetre wave component 41429
Aditya, S. *see* Kumar, P.R. 53532
Aditya, S. *see* Kumar, R.R. 21862
Adjeroh, D.A., Lee, M.C., Orji, C.U. Techniques for fast partitioning of compressed and uncompressed video 46163
Adjouadi, M. *see* Midon, M. 6171
Adkins, C.J. *see* Yakimov, A.I. 54109
Adkins, C.L.J. *see* Clews, P.J. 42455
Adkins, C.L.J. *see* Resnick, P.J. 42484
Adkins, D.R. *see* Andraka, C.E. 29653
Adkins, K.C., Frizzell, R., Lyle, J.D. The NM29A040/NM29A080 serial flash memory architecture and its application 1372
Adkisson, J. *see* Voldman, S. 22831
Adl, M.K.El *see* El Adl, M.K.
Adlassnig, K.-P. *see* Haddad, M. 28175
Adler, B. *see* Hartmann, J. 17341
Adler, C.L., Bowman, S.R., Rabinovich, W.S. Computer simulation of a quantum-well optical correlator 46248
Adler, D.D. *see* Heang-Ping Chan 49523
Adler, D.D. *see* Heang-Ping Chan 57542
Adler, D.D. *see* Petrick, N. 57540
Adler, D.D. *see* Sahiner, B. 57541
Adler, E., Clark, J., Phu, P., Speulstra, J., Bartlett, M., Fisher, J. Ultra-wide-band exciter development for a ground penetrating radar 8669
Adler, F. *see* Geiger, M. 42239
Adler, F. *see* Jian Wang 55643
Adler, G. *see* Hashim, I. 42783
Adler, J.M., Rao, B.D. SurfWave: an object-oriented class library for wavelet analysis 15293
Adler, L. *see* Rabinovich, W.S. 3452
Adler, R. *see* Chen, E. 18354
Adler, R.S. *see* Jian-Feng Chen 28092
Adler, S. *see* Roche, T. 42563
Adler, V., Friedman, E.G. Delay and power expressions for a CMOS inverter driving a resistive-capacitive load 2826
Adler, V., Friedman, E.G. Timing and power models for CMOS repeaters driving resistive interconnect 13141
Adlivankin, A.S., Bezotosnyi, V.V., Markova, N.V., Mikaelyan, G.T., Popov, Yu.M., Porezanov, S.N. Radiative characteristics of two-dimensional arrays of AlGaAs/GaAs diode lasers emitting at the wavelength 0.81 μm and intended to pump solid-state active elements 14163
Adolfsson, S., Ericson, K., Grennberg, A. Automatic detection of burn-through in GMA welding using a parametric model 9751
Adolphsen, C. *see* Assmann, R. 49032
Adolphsen, C. *see* Assmann, R. 49107
Adolphsen, C. *see* Assmann, R. 49108
Adolphsen, C. *see* Miller, R.H. 49048
Adolphsen, C. *see* Ruth, R.D. 49165
Adolphsen, C. *see* Seidel, M. 49050
Adolphsen, C.E. *see* Decker, F.-J. 37122
Adolphsen, C.E. *see* Decker, F.-J. 37123
Adolphsen, J.W., Barth, J.L., Gee, G.B. First observation of proton induced power MOSFET burnout in space: the CRUX experiment on APEX 22865
Adomavicius, R. *see* Marcinkevicius, S. 12227
Adomavicius, R. *see* Stalnionis, A. 12253
Adomian, G. Non-perturbative solution of the Klein-Gordon-Zakharov equation 10511
Adomian, G. On the dynamics of a reaction-diffusion system 10512
Adomian, G., Rach, R. Modified Adomian polynomials 21013
Adondi, O. *see* Chapelain, D. 47911
Adorni, G., D'Andrea, V., Destri, G., Mordonini, M. Shape searching in real world images: a CNN-based approach 35097
Adorni, G., Destri, G., Mordonini, M. Indoor vehicle navigation by means of signs 25765
Adoul, J.-P. *see* Laflamme, C. 14897
Adoul, J.-P. *see* Minjie Xie 14906
Adoul, J.-P. *see* Plaziac, N. 56577
Adourian, A.S. *see* Yang, S.H. 12497
Adriaensen, K., Van Beylen, F., Van Hoogenbemt, S., Van De Weghe, H., De Laender, J., Verhenne, G., Reusens, P. Single chip DMT-modem transceiver for ADSL 16456
Adriaenssens, G. *see* Horzel, J. 39009
Adriaenssens, G.J., Arkhipov, V.I. Non-Langevin recombination in disordered dielectrics with a random intrinsic potential landscape 54872
Adrian, H. *see* Frey, U. 43822
Adrian, V., Suinot, N., Lin, C.C. CLIMACS prephase A, design of a medium resolution SAR for land applications 50024
Adroubi, A. Oblique multiwavelet bases: examples 25165
Aduda, B.O., Rawlings, R.D. Spectral analysis of acousto-ultrasonic waves for defect sizing 11017
Adusumilli, S. *see* Davari, A. 59801
Adve, R.S., Sarkar, T.K. Elimination of the effects of mutual coupling in an adaptive nulling system with a look direction constraint 34420
Adve, R.S., Sarkar, T.K., Pereira-Filho, O.M.C., Rao, S.M. Extrapolation of time-domain responses from three-dimensional conducting objects utilizing the matrix pencil technique 24440
Adzanu, S. *see* Billinton, R. 19126
Ae-Kyoung Lee An algorithm for an advanced GTEM to ground plane correlation of radiated emission test 45230

Aebi, V.W. *see* La Rue, R.A. 41804
Aebi, V.W. *see* Schneider, J.E. 22674
Aebischer, D. *see* von Kaenel, V. 1547
Aebischer, H.A., Waldner, S. Strain distributions made visible with image-shearing speckle pattern interferometry 7616
Aegerter, M.A. *see* Maciel, G.S. 44744
Aellig, C.P. *see* Hartmann, G.K. 8419
Aers, G. *see* Goldberg, R.D. 12698
Aers, G.C. *see* Houghton, D.C. 42240
Aers, G.C. *see* Labrie, D. 12431
Aertbelien, E. *see* Vandorpe, J. 27895
Afacan, E., Yazgan, E. The effect of loading Gregorian antennas on side-lobe levels 24578
Afacan, E. *see* Saka, B. 34454
Afanas'ev, A.A., Gubar, N.B., Samson, B.A., Gaevskaya, O.V., Urbanovich, A.I. High-efficient multi-wave mixing of ultra-short light pulses in a medium with a Kerr nonlinearity 33615
Afanas'ev, A.A., Volkov, V.M., Samson, B.A., Efendiev, T.Sh. Spectral-threshold characteristics of an active distributed-feedback structure with a linearly chirped period 44326
Afanas'ev, A.A. *see* Apanasevich, P.A. 14392
Afanas'ev, K.S. *see* Arytyunov, P.A. 11574
Afanasev, L., Galushkin, M., Ionin, A., Kotkov, A., Mitin, K., Seleznev, L. Degenerate four-wave mixing and phase conjugation of pulsed 10 μm laser radiation on transient gratings inside an inverted CO_2 medium 33362
Afanas'ev, L., Ionin, A., Klimachev, Yu., Kotkov, A., Seleznev, L., Sinitsyn, D., Kobsa, H. Frequency selected Q-switched electron-beam-controlled discharge CO laser 13935
Afanas'ev, L., Ionin, A., Kotkov, A., Seleznev, L., Galushkin, M., Mitin, M. Degenerate four-wave mixing and phase conjugation of pulsed CO_2 laser radiation on transient gratings inside its own inverted medium 14296
Afanas'ev, M.M., Vlasenko, M.P., Vlasenko, L.S., Lomasov, V.N., Militsyn, A.V., Vlasenko, M.P., Vlasenko, L.S., Lomasov, V.N., Militsyn, A.V. Detection of paramagnetic recombination centers in irradiated silicon p-n junctions 12366
Afanasev, V., Aspar, B., Auberton-Herve, A., Brown, G., Jenkins, W., Hughes, H., Revesz, A. Electrical properties of buried oxide layers of low dose SIMOX structures 12596
Afanas'ev, V.V., Stesmans, A. Photon-stimulated tunnelling of electrons in SiO_2: evidence for a defect-assisted process 42283
Afanas'ev, V.V., Stesmans, A. Electrical conduction of buried SiO_2 layers analyzed by photon stimulated electron tunneling 42311
Afanas'ev, V.V., Stesmans, A., Revesz, A.G., Hughes, H.L. Trap generation in buried oxides of silicon-on-insulator structures by vacuum ultraviolet radiation 42325
Afanas'ev, V.V., Stesmans, A., Twigg, M.E. Epitaxial growth of SiO_2 produced in silicon by oxygen ion implantation 781
Afanas'ev, V.V. *see* Stesmans, A. 12718
Afanas'ev, V.V. *see* Stesmans, A. 54296
Afanasiev, L.A., Galushkin, M.G., Ionin, A.A., Kotkov, A.A., Mitin, K.V., Seleznev, L.V. Degenerate four-wave mixing and optical phase conjugation on transient gratings in the active medium of a pulsed CO_2 laser 4056
Afanasiev, Yu.V. *see* Svistunov, Yu.A. 49215
Afanasjev, V.V., Kivshar, Y.S., Menyuk, C.R. Effect of third-order dispersion on dark solitons 33648
Afanasjev, V.V. *see* Zhigang Chen 14324
Afanas'yev, S.A., Sementsov, D.I. Tunnel interference in an absorbing layer with permeability dispersion 34060
Afandi, A., Al-Rawi, G. A novel eight port 5-dB hybrid ring 1696
Afek, Y., Awerbuch, B., Gafni, E., Mansour, Y., Rosen, A., Shavit, N. Slide–the key to polynomial end-to-end communication 35494
Affens, D.W. *see* Gambhir, B.L. 6954
Affes, S., Grenier, Y. A source subspace tracking array of microphones for double talk situations 15011
Afghani, M.C. *see* Blair, G.M. 11549
Afif, M., Girardeau-Montaut, J.P., Tomas, C., Girardeau-Montaut, C., Warda, K., Delafond, J., Fayoux, C. Ultrashort electron emission improved by alkali ions implantation into metallic photocathodes 41757
Afif, M. *see* Tomas, C. 53895
Afifi, H., Bonjour, D., Elloumi, O. TCP over non-existent IP for ATM networks 5880
Afifi, H. *see* Borys, A. 52025
Afifi, M.A., Hegab, N.A. Threshold switching in $Te_{46-x}As_{32+x}Ge_{10}Si_{12}$ chalcogenide glass system 42003
Afonas'ev, V.N. *see* Akimov, D.Yu. 37245
Afonenko, A.A., Kononenko, V.K., Manak, I.S., Nalivko, S.V. Characteristics of asymmetric quantum well heterostructure lasers and amplifiers 23992
Afonin, A. Multi-layer electromechanical energy converters 51723
Afonin, A.G., Minchenko, A.V., Chernous'ko, Yu.S., Vasil'ev, P.S., Kuznetsov, E.P., Lomonosov, B.N., Pervov, L.S., Ryabov, V.A. Recording neutrino interactions from the U-70 accelerator in the absence of direct synchronization 37086
Afonin, V.I. Two-speed elevator motors 61274
Afonin, V.I. Improving the characteristics of massive elevators 61276
Afonin, V.I., Milokhin, Yu.A. Operating conditions and thermal models of elevator drive motors 61275
Afonso, C.N. *see* Garcia, C. 12183
Afonso, C.N. *see* Serna, R. 52762
Afonso, C.N. *see* Siegel, J. 2069
Afonso, J. *see* Pinto De Sa, J. 50630
Afonso, V.X., Tompkins, W.J., Nguyen, T.Q., Luo, S. Multirate processing of the ECG using filter banks 37788
Afridi, K.K. MAESTrO–a software tool for the design and evaluation of advanced automotive electrical power systems 29785
Afrov, A.M., Rogov, M.F., Fedorov, V.G., Kukhtevich, I.V., Bezlepkin, V.V., Migrov, Yu.A., Khabenskii, V.B. Methodical specifics in substantiating passive safety systems for nuclear power stations with VVER-640 reactors 29036
Afsar, M.N., Tkachov, I., Wells, T. Limits on diffractive scattering by woven radome membranes up to 900 GHz 34483
Afshari, B. *see* Phillips, J. 212
Afzulpurkar, N., Rougeaux, S., Berthouz, L., Kuniyoshi, Y. A gaze based approach for visual servoing 46518
Aga, H. *see* Tajima, M. 22464
Agaeva, A.A. *see* Salmanov, V.M. 33608
Agahdel, F. *see* Avalos, J.A. 366
Agahdel, F. *see* Min, B.Y. 52292
Agahi, F., Baliga, A., Kei May Lau, Anderson, N.G. Dependence of polarization mode and threshold current on tensile strain in AlGaAs/GaAsP quantum well lasers 55602
Agahi, F. *see* Kash, J.A. 32173
Agahi, F. *see* Pezeshki, B. 14090
Agaian, S.S. *see* Akopian, D.A. 31393
Agakhanyan, T.M. Analog ICs in high-voltage output amplifiers 31121
Agam, G., Dinstein, I. Generalized morphological operators applied to map analysis 15882
Agam, G., Dinstein, I. Directional processing of line-drawing images based on adaptive morphological operations 25403
Agamalov, Yu.R., Bobylev, D.A., Kneller, V.Yu. Personal-computer-based analyzer of impedance parameters 48371
Agamalyan, N.R., Vartanyan, E.S., Hovsepyan, R.K. Photoelectric properties of lead molybdate crystals 23654
Aganagic, M., Mokhtari, S. Security constrained economic dispatch using nonlinear Dantzig-Wolfe decomposition 50358
Agapov, O.A. *see* Kurchatkin, S.P. 3470
Agapov, V.V. *see* Solov'ev, O.V. 45129
Agapov, V.V. *see* Soloviev, O.V. 56048
Agard, E.T. Healthful radiation 37873
Agarval, A. *see* Balamuralidhar, P. 6929
Agarwal, A., Christensen, K., Venables, D., Maher, D.M., Rozgonyi, G.A. Oxygen gettering and precipitation at MeV Si^+ ion implantation induced damage in silicon 12163
Agarwal, A., Goyal, S., Agarwal, M.K., Vaidya, S.N., Karunakaran, C. High pressure thermoelectric power and electrical resistance measurements in WS_2 single crystals 2080
Agarwal, A. *see* Babb, J. 40770
Agarwal, A. *see* Eaglesham, D.J. 31744
Agarwal, A. *see* Easwar, K. 6885
Agarwal, A. *see* Roberts, G.N. 60172
Agarwal, A.K., Augustine, G., Balakrishna, V., Brandt, C.D., Burk, A.A., Li-Shu Chen, Clarke, R.C., Esker, P.M., Hobgood, H.M., Hopkins, R.H., Morse, A.W., Rowland, L.B., Seshadri, S., Siergiej, R.R., Smith, T.J., Jr., Sriram, S. SiC electronics 42044
Agarwal, A.K. *see* Clarke, R.C. 1715
Agarwal, A.K. *see* Sinharoy, S. 21266
Agarwal, A.M., Ling Liao, Foresi, J.S., Black, M.R., Xiaoman Duan, Kimerling, L.C. Low-loss polycrystalline silicon waveguides for silicon photonics 3437
Agarwal, B., Mensa, D., Pullela, R., Lee, Q., Bhattacharya, U., Samoska, L., Guthrie, J., Rodwell, M.J.W. A 277-GHz f_{max} transferred-substrate heterojunction bipolar transistor 53590
Agarwal, G.S. *see* Jyotsna, I.V. 33726
Agarwal, I., Viniotis, I. Performance space of a GI/G/1 queueing system under a percentile goal criterion 5825
Agarwal, K. *see* Ratnajeevan, S. 44974
Agarwal, M. *see* Lasser, M.E. 60120
Agarwal, M.K., Patel, P.D., Chaki, S.H., Vaidya, S.N., Karunakaran, C. High pressure studies of CVT grown $CuInS_2$ single crystals 31897
Agarwal, M.K. *see* Agarwal, A. 2080
Agarwal, M.S. *see* Choudhary, P. 55499
Agarwal, P., Agarwal, S.C. Electronic transport and metastabilities in P-doped a-Si:H 41999
Agarwal, P. *see* Jansen, A.N. 42913
Agarwal, R.C. *see* Felix, V.P. 46070
Agarwal, R.P. *see* Wong, P.J.Y. 10500
Agarwal, S., Min Yang, Lin, C., Ananth, R., Smith, S. Media requirements for proximity recording 32835
Agarwal, S.C. *see* Agarwal, P. 41999
Agarwal, S.K., Torre, W.V. Development of reliability targets for planning transmission facilities using probabilistic techniques–a utility approach 60333
Agarwal, V., Meilin Liu Colloidal processing of $BaCeO_3$-based electrolyte films 833
Agarwal, V., Meilin Liu Electrochemical properties of $BaCe_{0.8}Gd_{0.2}O_3$ electrolyte films deposited on Ni-$BaCe_{0.8}Gd_{0.2}O_3$ substrates 61062
Agarwal, V.K. *see* Xie, X. 32615
Agarwala, M. *see* Ballato, J. 23714
Agarwala, S. *see* Porkolab, G.A. 22565
Agarwala, S. *see* Porkolab, G.A. 44247
Agashe, C., Major, S.S. The effect of F, Cl and Br doping on the growth and structural properties of sprayed SnO_2 films 10828
Agashe, P.G. *see* Murthy, T.S.R. 43574
Agata, M. *see* Yamada, T. 1400
Agate, C.S., Iltis, R.A. An image tracking algorithm using reduced sufficient statistics 5550
Agathoklis, P., Chengshan Xiao Low roundoff noise structures for 2-D filters 1582
Agathoklis, P. *see* Chana, J. 5340
Agathoklis, P. *see* Chengshan Xiao 1593
Agawa, H., Inagaki, T., Nakagomi, M., Chuma, H. UHF source & measure module for LSI test system 27390
Agawa, K. *see* Akasaka, Y. 2429
Agazzi, O.E., Burton, D. Trellis-based postprocessing of Viterbi decisions for noise decorrelation and compensation of nonlinear distortion (with application to magnetic recording channels) 4661
Agazzi, O.E., Seshadri, N. On the use of tentative decisions to cancel intersymbol interference and nonlinear distortion (with application to magnetic recording channels) 32870
Agbenyo, F.K., Yorino, N., Sasaki, H. An improved H_∞ power system stabilizer 28786
Agboatwalla, A.M. *see* Rashid, H. 26932
Agee, B.G., Kleinman, R.J., Reed, J.H. Soft synchronization of direct sequence spread-spectrum signals 6481
Agee, B.G. *see* Fite, J.D. 24957
Agee, F.J. Current issues in high power microwaves 50873
Agee, F.J., Calico, S.E., Hendricks, K.J., Haworth, M., Spencer, T., Ralph, D., Blankenship, E., Clark, M.C., Lemke, R.W. Pulse shortening in the magnetically insulated line oscillator (MILO) 53979
Agee, F.J., Scholfield, D.W., Copeland, R.P., Martin, T.H., Carroll, J.J., Mankowski, J.J., Kristiansen, M., Hatfield, L.L. A review of catastrophic electromagnetic breakdown for short pulse widths 54888
Agee, F.J. *see* Borovina, D.L. 51403
Agee, F.J. *see* Davanloo, F. 51266
Ageev, S.A. *see* Krasheninnikov, V.R. 34977
Agekyan, V.F., Stepanov, Yu.A., Lebedev, A.A., Lebedev, A.A., Rud, Yu.V. Photoluminescence of anodized silicon carbide 42028
Agelet, F.A., Fontan, F.P., Formella, A. Fast ray tracing for microcellular and indoor environments 47741
Agelet de Saracibar, C. A new frictional time integration algorithm for large slip multi-body frictional contact problems 52557
Agelidis, V.G. Incorporating instructional feedback in electrical engineering laboratory experiments–an example 30051
Agematsu, T. *see* Yokota, W. 49266
Ager, C.I. *see* Drake, A.E. 27855
Ager, C.I. *see* Rollett, D.A. 27854
Ager, J. *see* Wetzel, C. 12287
Ager, J.W., III *see* Wetzel, C. 22238
Ager, L.P. *see* Johnston, R.H. 34227
Agethen, M. *see* Auer, U. 53681
Agethen, M. *see* Velling, P. 53476
Aggarawal, R.K. *see* Joorabian, M. 19329
Aggarwal, A., Bar-Noy, A., Coppersmith, D., Ramaswami, R., Schieber, B., Sudan, M. Efficient routing in optical networks 46568
Aggarwal, I.D. *see* Busse, L.E. 7373
Aggarwal, I.D. *see* Moon, J.A. 14018
Aggarwal, J.K. *see* Cai, Q. 5594
Aggarwal, J.K. *see* Changhoon Yim 5401
Aggarwal, J.K. *see* Liao, W.-H. 46235
Aggarwal, J.K. *see* Mitiche, A. 15661
Aggarwal, J.K. *see* Nair, D. 5133
Aggarwal, J.K. *see* Nair, D. 25474
Aggarwal, J.K. *see* Nandhakumar, N. 25649
Aggarwal, J.K. *see* Shah, S. 7413
Aggarwal, J.K. *see* Wen-Hung Liao 10433
Aggarwal, K. *see* Ferrara, K.W. 28186
Aggarwal, K.K. Impact of measurement uncertainties on product quality and productivity 20967
Aggarwal, M.D., Wang, W.S., Choi, J., Myers, T., Clark, R.D., Penn, B.G., Frazier, D.O., Sanghadasa, M. Modified Bridgman-Stockbarger growth of a novel NLO organic crystal (2-methoxyphenyl)-methylene-propanedimitrile 10631
Aggarwal, M.D. *see* Darwish, A. 24183
Aggarwal, M.D. *see* Darwish, A.M. 24272
Aggarwal, R. *see* Molnar, R.J. 21281
Aggarwal, R. *see* Ravikumar, C.P. 53098
Aggarwal, R.K. *see* Bo, Z.Q. 8898
Aggarwal, R.K. *see* Bo, Z.Q. 9294
Aggarwal, R.K. *see* Bo, Z.Q. 19391
Aggarwal, R.K. *see* Bo, Z.Q. 19420
Aggarwal, R.K. *see* Bo, Z.Q. 19430
Aggarwal, R.K. *see* Bo, Z.Q. 38415
Aggarwal, R.K. *see* Jayasinghe, J.A.S.B. 19327
Aggarwal, R.K. *see* Kang, Y.C. 38416

Aggarwal, R.L. *see* Maki, P.A. 14176
Aggarwal, S.J. *see* Liao, W.-H. 46235
Aggelopoulos, E.G., Karabetsos, E., Constantinou, P., Uzunoglu, N. Mobile microwave sensor for detection of trapped human beings 36502
Aggoun, A. *see* El-Mabrouk, A. 56619
Agha-Amiri, K. *see* Schunemann, S. 15989
Aghabarari, E., Adams, C.J. On the control and operation of the electrical power system for the International Space Station 18713
Aghtar, S., Haslett, J.W., Trofimenkoff, F.N. Subthreshold analysis of an MOS analog switch 11619
Aghvami, A.H. *see* Algiannakis, C. 26494
Aghvami, A.H. *see* Ayo, F. 47045
Aghvami, A.H. *see* Azad, H. 6624
Aghvami, A.H. *see* Brand, A.E. 6544
Aghvami, A.H. *see* Brand, A.E. 16585
Aghvami, A.H. *see* Chevrel, S. 47078
Aghvami, A.H. *see* Jafarian, B. 46573
Agin, P., Stegeman, G.I. Multisoliton generation by laser modes in a frequency doubling medium 24073
Agishev, R.R., Bajazitov, R.A., Galegev, M.M., Ismagilov, Z.B. Atmospheric transmittance profile remote sensing by spatial processing of sky background radiation 50047
Agishev, R.R., Bajazitov, R.A., Galeyev, M.M. Spatial-resolvable remote sensing and detection of hydrocarbons based on CW-low-power-lasers 8524
Agishev, R.R., Bajazitov, R.A., Galeyev, M.M. Spatial processing of sky background radiation for remote sensing of atmosphere parameters 38048
Agius, A.A., Saunders, S.R., Evans, B.G. Quadrifilar helical antenna (QHA) characteristics of a proposed wire antenna for an SPCN handheld terminal 26582
Agius, B. *see* Firon, M. 52771
Agizim, A. *see* Backmutsky, V. 38442
Agnel, S., Toureille, A., Le Gressus, C. Study of the ageing of impregnated paper of high power capacitors using the thermal step method and the thermally stimulated currents 32724
Agnelli, S., Dewhurst, V. LAN interconnection via ATM satellite links for CAD applications: the UNOM experiment 6117
Agnelli, S., Weller, E. ATM performance of existing EUTELSAT systems 47848
Agnelli, S., Weller, E. ATM performance of existing EUTELSAT systems 47888
Agnello, M., Amaudruz, P.A., Botta, E., Bressani, T., Busso, L., Calvo, D., Cerello, P., Fanara, C., Feliciello, A., Filippi, A., Iazzi, F., Marcello, S., Minetti, B., Mirfakhrai, N., Morra, O., Raimondo, A., Rossetto, E., Sharma, A., Zenoni, A. Final results of an experimental study of a large-area planar drift chamber filled with a He-based mixture 37458
Agnello, P. *see* Crabbe, E. 43063
Agnello, P. *see* Hon-Sum Weng 48686
Agnello, P. *see* Su, L. 2793
Agnello, P. *see* Subbanna, S. 41161
Agnes, G.S., Inman, D.J. Nonlinear piezoelectric vibration absorbers 38931
Agnese, P. *see* Cesarsky, C.J. 36548
Agnesi, A., Dell'Acqua, S., Reali, G.C. 1.5 watt passively Q-switched diode-pumped cw Nd:YAG laser 14054
Agnesi, A., Dell'Acqua, S., Reali, G.C., Gobbi, P.G., Ragazzi, D. Design and characterization of a diode-pumped, single longitudinal and transverse mode, intracavity-doubled cw Nd:YAG laser 33457
Agnesi, A., Piccinini, E., Reali, G.C. Influence of thermal effects in Kerr-lens mode-locked femtosecond Cr^{4+}:forsterite lasers 23849
Agnetta, G.A., Ambrosio, M., Aramo, C., Barbarino, G.C., Biondo, B., Catalano, O., Colesanti, L., Erlykin, A., Lauro, A., Mangano, A., Russo, F. Use of RPC in EAS physics with the COVER-PLASTEX experiment 18096
Agnew, B., Zhengyu Wang, Faloutsos, C., Welch, D. Multi-media indexing over the Web 58016
Agnew, J. Sound quality evaluation of anti-saturation circuitry in a hearing aid 59786
Agnihotri, N. *see* Jha, P.K. 52489
Agnihotry, R.S.A. *see* Gopal, S. 44065
Agnihotry, S.A. *see* Gopal, S. 30985
Ago, J. *see* Kadota, M. 23259
Agosteo, S., Birattari, C., Corrado, M.G., Silari, M. Maze design of a gantry room for proton therapy 37854
Agostinelli, V.M. *see* Hasnat, K. 12989
Agostino, T., Dhar, V., Dudonis, R., Ku, J. Yield risk cards at D2 30186
Agranat, A. *see* Xiaolin Tong 4136
Agranat, A. *see* Xiaolin Tong 14448
Agranat, A. *see* Xiaolin Tong 24260
Agranat, A. *see* Xiaolin Tong 55945
Agranat, A.J. *see* Razvag, M. 32975
Agranovski, A.V., Evreinov, G.E., Yashkin, A.S. Graphic audio display for the blind 8177
Agravante, H.H. *see* Hauss, B.I. 28707
Agrawal, A., Bayoumi, M., Elchouemi, A. A new ATM congestion control scheme for shared buffer switch architectures 46651
Agrawal, A., Saldanha, A., Lavagno, L., Sangiovanni-Vincentelli, A.L. Compact and complete test set generation for multiple stuck-faults 11351
Agrawal, A.K., Mattioli, J.A., Landry, N.R. An active phased array antenna packaging scheme 34452
Agrawal, A.K. *see* Kapat, J.S. 50794
Agrawal, A.P. *see* Chang, C.S. 41597
Agrawal, D. *see* Jones, C.R. 47218
Agrawal, D. *see* O'Sullivan, J.A. 32873
Agrawal, D.C., Menon, V.J. The thermoelectric generator as an endoreversible Carnot engine 51618
Agrawal, D.C. *see* Majumder, S.B. 23162
Agrawal, D.C. *see* Majumder, S.B. 54946
Agrawal, D.P. *see* Rampal, S. 6267
Agrawal, F., Hyden, E., Krzyzanowski, P., Srivastava, M.B., Trotter, J.A. Hardware-software architecture of the SWAN wireless ATM network 26648
Agrawal, G.P. *see* DeTienne, D.H. 55684
Agrawal, G.P. *see* Essiambre, R.-J. 43950
Agrawal, G.P. *see* Essiambre, R.-J. 47922
Agrawal, G.P. *see* Galvanauskas, A. 33025
Agrawal, G.P. *see* Headley, C., III 3357
Agrawal, G.P. *see* Law, J.Y. 44507
Agrawal, G.P. *see* Law, S.Y. 33570
Agrawal, G.P. *see* Marciante, J.R. 3864
Agrawal, G.P. *see* Marciante, J.R. 33571
Agrawal, G.P. *see* van Tartwijk, G.H.M. 14173
Agrawal, G.P. *see* van Tartwijk, G.H.M. 33649
Agrawal, N. *see* Jahn, E. 26838
Agrawal, N. *see* Jahn, E. 36142
Agrawal, P., Anvekar, D.K., Narendran, B. Channel management policies for handovers in cellular networks 47692
Agrawal, P. *see* Zhu, J.-W. 41120
Agrawal, R. *see* Rajan, R. 10248
Agrawal, S.K., Barry, C.F., Bannai, V., Kazovskyz, L. Characterization, adaptive traffic shaping and multiplexing of real-time MPEG-II video 46211
Agrawal, S.K. *see* Sadot, D. 35702
Agrawal, V. *see* Heragu, K. 11119
Agrawal, V.D. Testing in a mixed-signal world 11605
Agrawal, V.D. Low-power design by hazard filtering 53225
Agrawal, V.D., Blanton, R.D., Damiani, M. Synthesis of self-testing finite state machines from high-level specification 36428
Agrawal, V.D., Bushnell, M.L., Qing Lin Redundancy identification using transitive closure 53117
Agrawal, V.D. *see* Gharaybeh, M.A. 41042
Agrawal, V.D. *see* Jacob, J. 53186
Agrawal, V.D. *see* Srinivas, M.K. 53218
Agrawal, Y.C., Pottsmith, H.C., Lynch, J., Irish, J. Laser instruments for particle size and settling velocity measurements in the coastal zone 50004
Agrawala, M. *see* Beers, A.C. 14792
Agrawala, M. *see* Chaddha, N. 57261
Agro, S.C. *see* Holley, W.H., Jr. 39166
Agroskin, V.Ya., Vasiliev, G.K., Guriev, V.I., Zhitov, A.N. Multichannel local and remote control of atmospheric gaseous and aerosol contamination by HF(DF)-laser radiation lines 50223
Agterhuis, E.H. *see* Prendergast, E.P. 41731
Agu, M. *see* Jingbo Li 4313
Aguado, A.S., Montiel, M.E., Nixon, M.S. Extracting arbitrary geometric primitives represented by Fourier descriptors 5412
Aguado, R., Platero, G. Dynamical localization, stimulated absorption and emission in a double quantum well, induced by a THz field 42230
Agui, T. *see* Kurianski, A. 25317
Agui, T. *see* Nagahashi, H. 15817
Aguiar, J.A.N. *see* Casaca, A. 28815
Aguiar, K. *see* Del Mar Aguiar, M. 6071
Aguiar, M.Del Mar *see* Del Mar Aguiar, M.
Aguiar, P.M.Q., Moura, J.M.F. Incremental motion segmentation in low texture 56765
Aguilar, C., Canales, F., Arau, J., Sebastian, J., Uceda, J. An improved battery charger/discharger topology with power factor correction 9344
Aguilar, C. *see* Hernandez, M. 9346
Aguilar, C. *see* Rodriguez, E. 51206
Aguilar, H. *see* Olsen, L.C. 39118
Aguilar, J. *see* Espada, L.I. 724
Aguilar, J.J., Torres, F., Lope, M.A. Stereo vision for 3D measurement: accuracy analysis, calibration and industrial applications 35319
Aguilar, M., Carrascosa, M., Agullo-Lopez, E., Serrano, E. Optimization of selective erasure in photorefractive memories 33735
Aguilar, M., Carrascosa, M., Agullo-Lopez, F., Solymar, L., Magana, L.F. Quasisteady space-charge fields in photorefractive multiple quantum wells: edge effects 42218
Aguilar, M., Oliva, A.I., Castro-Rodriguez, R., Pena, J.L. Observation of macro-terraces in cadmium telluride thin films 54084
Aguilar, M. *see* Lahiri, I. 12406
Aguilar, M. *see* Sturman, B.I. 22252
Aguilar, P.A.M. *see* Sarabia, C.M.G. 24193
Aguilar Pena, J.D., Garrido Caravantes, F.J.G., Morales Jimenez, F., Fuentes Conde, M. A fully controlled bridge rectifier and its analogue simulation by PSPICE 1125
Aguilar-Benitez, M. *see* Adam, A. 37280
Aguilera, A.M., Ocana, F.A., Valderrama, M.J. On a weighted principal component model to forecast a continuous time series 434
Aguilera, M., Aitchison, B. Fabricating high resolution AMEL flat panel displays 7512
Aguilera, M., Arbuthnot, L., Keyser, T. First generation VGA electroluminescent display for head mounted applications 17633
Aguilo, M. *see* Sole, R. 682
Aguilo, M. *see* Sole, R. 3177
Aguilo, M. *see* Sole, R. 10602
Aguir, K. *see* Bandet, J. 31834
Aguirre, G., Cangellaris, A.C., Pasik, M.F. Numerical investigation of radiated emissions mechanisms in single-chip packages 4282
Aguirre, L.A. On the structure of nonlinear polynomial models: higher order correlation functions, spectra, and term clusters 56243
Aguirre, L.A., Billings, S.A. Nonlinear chaotic systems: approaches and implications for science and engineering–a survey 25053
Aguirre, M. *see* Hynynen, K. 28423
Aguirre de Carcer, I. *see* Munoz, J.A. 44215
Agullo-Lopez, E. *see* Aguilar, M. 33735
Agullo-Lopez, F. *see* Aguilar, M. 42218
Agullo-Lopez, F. *see* Rojo, G. 43891
Agullo-Lopez, F. *see* Serrano, E. 14439
Agullo-Lopez, F. *see* Sturman, B.I. 22252
Agusti, R. *see* Sallent, O. 26546
Agustin, R.O., Santiago, F. Single-minute exchange of die 39722
Ah Chung Tsoi *see* Hazarika, N. 49720
Ah Chung Tsoi *see* Lawrence, S. 56389
Ahalt, S.C. *see* Flake, L.R. 58435
Ahamed, S.V. *see* Reddy, A. 45508
Ahammer, H. *see* Windisch, H. 28364
Aharoni, H., Ohmi, T., Massazumi Oka, M., Nakada, A., Tamai, Y. Analysis of n^+p silicon junctions with varying substrate doping concentrations made under ultraclean processing technology 31941
Ahatani, S., Klausmann, H., Oh-e, M., Ohta, M., Ashizawa, K., Yanagawa, K., Kondo, K. Complete suppression of color shift in in-plane switching mode liquid crystal displays with a multidomain structure obtained by unidirectional rubbing 33146
Ahdjoudj, M., Boudiaf, A., Pouvil, P. K-band monolithic VCO using PHEMT technology 53660
Ahern, B.S. *see* Weyburne, D.W. 40326
Aherne, M. Semi-automated computerised design of transmission lines 28891
Ahlberg, H. *see* Sandstrom, L. 17575
Ahlers, B. *see* Cammann, K. 27965
Ahlers, E., Helfert, S.F., Pregla, R. Modelling of VCSELs by the method of lines 33553
Ahlers, E., Pregla, R. 3-D modelling of concatenations of straight and curved waveguides by MoL-BPM 55246
Ahlers, F.-J., Krupenin, V.A., Lotkhov, S.V., Niemeyer, J., Presnov, D.E., Scherer, H., Weimann, T., Wolf, H., Zorin, A.B. Investigation of the offset charge noise in single electron tunneling devices 22894
Ahlers, F.J. *see* Baranov, P.G. 42116
Ahlers, H., Luedke, J., Sievert, J. Coercivity meter with Earth's magnetic field compensation 27850
Ahlers, H. *see* Sievert, J. 23324
Ahlfeldt, H. *see* Lindgren, S. 33542
Ahlfors, U., Nyberg, C. Modelling optimal overload control in distributed control systems 46541
Ahlgren, B., Bjorkman, M. Integrated layer processing can be hazardous to your performance 5862
Ahlgren, D.C., Gilbert, M., Greenberg, D., Jeng, J., Malinowski, J., Nguyen-Ngoc, D., Schonenberg, K., Stein, K., Groves, R., Walter, K., Hueckel, G., Colavito, D., Freeman, G., Sunderland, D., Harame, D.L., Meyerson, B. Manufacturability demonstration of an integrated SiGe HBT technology for the analog and wireless marketplace 43253
Ahlgren, D.C. *see* Sunderland, D.A. 22777
Ahlgren, E.O., Poulsen, F.W. Thermoelectric power and electrical conductivity of strontium-doped lanthanum manganite 22270
Ahlgren, T. *see* Jokinen, J. 42405
Ahlheim, M. *see* Stahelin, M. 14302
Ahlner, B. *see* Tillberg, I. 28436
Ahlqvist, I. Increasing availability through introduction of redundancy [ship propulsion/power supply] 29800
Ahlqvist, K.G. MINI-LINK E–a new link for flexible transmission in cellular networks 16598
Ahlskog, M. Electronic transport and optical properties in conducting polymers: polyalkylthiophenes and polyphenylenevinylene 2090
Ahlswede, R., Cai, N., Zhang, Z. On interactive communication 24623
Ahlswede, R., Te Sun Han, Kobayashi, K. Universal coding of integers and unbounded search trees 34599
Ahlswede, R., Yang, E.-H., Zhang, Z. Identification via compressed data 24729
Ahluwalia, R.K. *see* Geyer, H.K. 20018
Ahmad, A. Achievement of higher testability goals through the modification of shift registers in LFSR-based testing 41087
Ahmad, A., Elabdalla, A.M. An efficient method to determine linear feedback connections in shift registers that generate maximal length pseudo-random up and down binary sequences 21558
Ahmad, A. *see* Chen Feng 49483
Ahmad, A.A. *see* Seong-Don Hwang 42909
Ahmad, A.J. *see* Jallice, D.E. 18727

Ahmad, F., Kassam, S.A. Coarray analysis of wide-band pulse-echo imaging systems 27097
Ahmad, F., Kassam, S.A. High resolution frequency diversity imaging with active arrays 35356
Ahmad, G.F., Brooks, D.H., Jacobson, C.A., MacLeod, R.S.. Constraint evaluation in inverse electrocardiography using convex optimization 59670
Ahmad, H., Al-Khalili, A.J., Landsberger, L.M., Kahrizi, M. A two-dimensional micromachined accelerometer 23053
Ahmad, H. *see* Alsous, M.B. 13994
Ahmad, I., Davies, H.A., Buckley, R.A. The effect of Nd content on the structure and properties of melt spun Nd-rich NdFeB alloys 3107
Ahmad, I. *see* Gardner, J.A. 54330
Ahmad, M., Bhatnagar, A., Kumar, R., Chelapathi, K., Patro, Y.G.K. System design of integrated optics spectrum analyser with tilted Fresnel lens 33112
Ahmad, M.M. *see* Syms, R.R.A. 4203
Ahmad, M.O. *see* Sundararajan, D. 666
Ahmad, M.O. *see* Wei-Ping Zhu 1602
Ahmad, N., Mirza, N.M., Mirza, S.M., Tufail, M. The effect of sunlight exposure on the neutron response of CN-85 track detector 18125
Ahmad, N., Tauseef ur Rehman, S. The characteristics of a locally designed ionization chamber for high energy gamma rays 18112
Ahmad, R., Capstick, M.H. Efficient equalisation of signal shaping filters 16803
Ahmad, R. *see* Singatwaria, S. 57625
Ahmad, R.B. *see* Hunter, D.K. 26793
Ahmad, S.S., Tongbi Jiang, Moden, W., Breen, C., Reeder, J. A method for the measurement of chip to leadframe adhesion in LOC packages 20938
Ahmad, U.M., Bhatia, H.S., Purushothaman, S., Dalal, H., Price, W., Ahsan, A. A novel process for the fabrication of corrosion free multi-layer metal conductor structures for I/O pin interconnection 52231
Ahmad, W. *see* Nasir, A. 48817
Ahmad-Bitar, R.N. *see* Ayesh, A. 22303
Ahmadi, L. *see* Djahanshahi, H. 7430
Ahmadi, M., Safiri, H., Ramachandran, V. Design of stable 3-dimensional recursive digital filters 15175
Ahmadi, M. *see* Djahanshahi, H. 1667
Ahmadi, M. *see* Erfani, S. 11575
Ahmadi, M. *see* Khasnabish, B. 46944
Ahmadi, M. *see* Khasnabish, B. 47792
Ahmadi, M. *see* Khasnabish, B. 47819
Ahmadi, M. *see* Safari, R. 5159
Ahmadi, M. *see* Safiri, H. 53451
Ahmadi, V., Noda, S., Sasaki, A. Analysis for relative intensity noise of optoelectronic integrated device by heterojunction phototransistor and laser diode 44306
Ahmadian, A., Bharath, A.A. Orthogonal wavelets for image transmission and compression schemes: Implementation and results 25609
Ahmadvand, N., Todd, T.D. Dual-hop LANs using station wavelength routing 47201
Ahman, J. *see* Bolt, R. 10615
Ahmari, D. *see* Sengupta, D.K. 7342
Ahmari, D.A. *see* Fresina, M.T. 2606
Ahmari, D.A. *see* Fresina, M.T. 42961
Ahmari, D.A. *see* Hartmann, Q.J. 40640
Ahmat-Samii, Y. *see* Johnson, J.M. 34000
Ahmed, A.Si *see* Si Ahmed, A.
Ahmed, F., Awwal, A.A.S., Karim, M.A. Improved recognition performance with synthetic correlator 56669
Ahmed, F., Gustafson, S.C., Karim, M.A. Image interpolation with adaptive receptive field-based Gaussian radial basis functions 15670
Ahmed, F., Karim, M.A., Rahman, F. Voting scheme nonlinearity-based binary composite filter 5205
Ahmed, F. *see* Rahman, F. 5276
Ahmed, F.L. *see* Hassanin, M. 29275
Ahmed, F.M., Ataie, A., Williams, A.J., Harris, I.R. Effect of niobium on the HDDR behaviour of near-stoichiometric NdFeB alloys 3120
Ahmed, H. Single atom scale lithography for single electron devices 12841
Ahmed, H. Fabrication, physics and applications of single electron devices 22902
Ahmed, H. *see* Adeyeye, A.O. 43616
Ahmed, H. *see* Ahmed, M.M. 32562
Ahmed, H. *see* Ahmed, M.M. 42853
Ahmed, H. *see* Boese, I.M. 58974
Ahmed, H. *see* Nakazato, K. 54721
Ahmed, H. *see* Sato, T. 43394
Ahmed, H. *see* Smith, R.A. 32024
Ahmed, H. *see* Smith, R.A. 54235
Ahmed, H. *see* Woodham, R.G. 32323
Ahmed, H.El-Deen *see* El-Deen Ahmed, H.
Ahmed, H.M. *see* Rauf, F. 53395
Ahmed, K. *see* Al-Ahmad, H. 53452
Ahmed, M., Yamada, M., Yamane, Y. Method of designing a corrugated optical waveguide filter 13659
Ahmed, M.A., Darwish, K.A., El-Khawas, E.H. Effect of sintering temperature and frequency on the electrical properties of $Co_{0.22}Zn_{0.78}Fe_2O_4$ ferrite 54100
Ahmed, M.A., DeJong, K.A. Function approximator design using genetic algorithms 52531
Ahmed, M.A. *see* Basha, A.M. 8210
Ahmed, M.H. *see* Owsley, N.L. 59381
Ahmed, M.K., Ibrahem, S.M.M. Small signal GaAs MESFET model parameters extracted from measured S-parameters 54699
Ahmed, M.M., Ahmed, H. A Novel electron beam lithography technique for submicron T-gate fabrication 42853
Ahmed, M.M., Ahmed, H., Ladbrooke, P.H. An improved DC model for circuit analysis programs for submicron GaAs MESFET's 32562
Ahmed, M.M. *see* Maamoun, A. 20127
Ahmed, M.M.A. *see* Terra, F.S. 12282
Ahmed, N. *see* Mandyam, G. 4884
Ahmed, N. *see* Mandyam, G. 14879
Ahmed, N. *see* Mandyam, G. 15330
Ahmed, N. *see* Mandyam, G.D. 34724
Ahmed, N.N., Kale, G.M., Kumar, R.V., Fray, D.J. Development and testing of HCl gas sensor for flue gas monitoring 27749
Ahmed, N.U. *see* Orozco-Barbosa, L. 47202
Ahmed, R.E., Alshebeili, S.A. New VLSI architectures for three-level correlators 1485
Ahmed, R.H., Neale, C.M.U. Mapping field crop evapotranspiration using airborne multispectral imagery 8514
Ahmed, S., Ali, B.M., Abbas, M. Priority management to improve the QOS for shared memory ATM switch 46590
Ahmed, S. *see* Parashar, S. 18787
Ahmed, S. *see* Rigby, G.P. 27707
Ahmed, S.Basheer *see* Basheer Ahmed, S.
Ahmed, S.M. *see* Abo-Zahhad, M. 53445
Ahmed, S.S. *see* Bohr, M. 41067
Ahmed, S.U. *see* Bohr, M. 41067
Ahmed, W.K.M., McLane, P.J. A method for coarse frequency acquisition for Nyquist filtered MPSK 6537
Ahmed, W.K.M., McLane, P.J. The information theoretic reliablity function for flat Rayleigh fading channels with space diversity 45152
Ahmed, W.K.M., McLane, P.J. The information theoretic reliability function for multipath fading channels with diversity 47777
Ahmed, Z. *see* Nirmalathas, A. 44506
Ahmed, Z. *see* Nirmalathas, A. 44583
Ahmed, Z. *see* Smith, G.H. 26781
Ahmed-Zaid, S., Xu, L., Jang, S.S. Effects of stator transients on steady-state stability regions of electric power systems 50346
Ahmed-Zaid, S. *see* Taleb, M. 60724
Ahn, B.-H. *see* Yun, K.-L. 57691
Ahn, B.T. *see* Baek, J.T. 2456
Ahn, B.T. *see* Baek, J.T. 32092
Ahn, C.-N., Kim, H.-E., Kim, H.-B., Baik, K.-H. Practical implementation of alternating PSM to memory device of sub-0.25 μm technology [photolithography] 2488
Ahn, C.C. *see* Pettersson, P.O. 52621
Ahn, C.H., Allen, M.G. Micromachined planar inductors with electroplated nickel-iron permalloy cores (spiral type, solenoid type, and toroidal-meander type) 23090
Ahn, C.H. *see* Acosta, R.E. 38760
Ahn, C.H. *see* Chainer, T.J. 38759
Ahn, C.H. *see* Liakopoulos, T.M. 3238
Ahn, C.H. *see* Seungug Koh 22104
Ahn, C.H. *see* Seungug Koh 53875
Ahn, D., Seoung-Hwan Park Optical gain of strained hexagonal and cubic GaN quantum-well lasers 14093
Ahn, D.H. *see* Kim, S.E. 41173
Ahn, E.C., Yu, J., Oh, T.C., Park, I.S. Adhesion reliability of Cu-Cr alloy films to polyimide 39836
Ahn, E.C., Yu, J., Oh, T.C., Park, I.S. Adhesion reliability of Cu-Cr alloy films to polyimide 39837
Ahn, H.S. *see* Ohshima, Y. 18083
Ahn, J. *see* Yoon, S.F. 30894
Ahn, J. *see* Yoon, S.F. 40605
Ahn, J. *see* Yoon, S.F. 40616
Ahn, J. *see* Yoon, S.F. 52785
Ahn, J. *see* Yoon, S.F. 54351
Ahn, J.C. *see* Son, N.J. 24018
Ahn, J.T. *see* Lee, H.K. 16688
Ahn, J.W. *see* Lee, S.Y. 32964
Ahn, K.H., Barnett, B.C., Cao, X.D., Williams, G.R., Islam, M.N. Experimental demonstration of cascaded operation for two low-bi NOLMs 26720
Ahn, K.H. *see* Cao, X.D. 33178
Ahn, K.H. *see* Choi, Y.K. 11625
Ahn, K.S., Kim, H.J., Kim, C.S., Sun, Y.S. Clamp mode forward ZVS-MRC with self-driven synchronous rectifier 51295
Ahn, P. *see* Capparelli, C. 38314
Ahn, S. *see* Choi, J.J. 12098
Ahn, S. *see* Sohn, E. 47227
Ahn, S.-W. *see* Lee, S.-S. 27538
Ahn, S.H. *see* Papageorge, M. 20921
Ahn, S.K. *see* Yoon, Y.W. 41096
Ahn, S.T. *see* Choi, J.D. 1363
Ahn, S.T. *see* Kim, D.J. 1362
Ahn, Y.O. *see* Tompa, G.S. 10888
Ahn Bok-Shin *see* Bok-Shin Ahn
Ahn Byoung-Chul *see* Byoung-Chul Ahn
Ahn Byung Tae *see* Byung Tae Ahn
Ahn Byungyang *see* Byungyang Ahn
Ahn Chang-Geun *see* Chang-Geun Ahn
Ahn Chang-Hwang *see* Chang-Hwang Ahn
Ahn Chang-Nam *see* Chang-Nam Ahn
Ahn Che-Hong *see* Che-Hong Ahn
Ahn Do-Hee *see* Do-Hee Ahn
Ahn Dong Myung *see* Dong Myung Ahn
Ahn Doyeol *see* Doyeol Ahn
Ahn Gil-Cho *see* Gil-Cho Ahn
Ahn Gwang Seon *see* Gwang Seon Ahn
Ahn Hyo-Sok *see* Hyo-Sok Ahn
Ahn Hyun Sik *see* Hyun Sik Ahn
Ahn Jae-Gyung *see* Jae-Gyung Ahn
Ahn Jaeshin *see* Wei Jiang 22550
Ahn Jong-Bo *see* Jong-Bo Ahn
Ahn JongSuk *see* JongSuk Ahn
Ahn Joo Heon *see* Joo Heon Ahn
Ahn Joung-Chul *see* Joung-Chul Ahn
Ahn Jun-Young *see* Jun-Young Ahn
Ahn MinYong *see* MinYong Ahn
Ahn Sang-Sik *see* Sang-Sik Ahn
Ahn Sanghyun *see* Sanghyun Ahn
Ahn Se-Jin *see* Se-Jin Ahn
Ahn Seong-Jin *see* Seong-Jin Ahn
Ahn Seung Han *see* Seung Han Ahn
Ahn Seung-Han *see* Seung-Han Ahn
Ahn Seung-Ho *see* Seung-Ho Ahn
Ahn Sung-Tae *see* Sung-Tae Ahn
Ahn Taehang *see* Taehang Ahn
Ahn Taehong *see* Taehong Ahn
Ahn Taesik *see* Taesik Ahn
Ahnactzin, J. *see* Talbi, E.-G. 470
Ahne, H., Rubner, R., Sezi, R. Photopatternable insulating materials 2555
Ahnesjo, A. *see* Jung, B. 28424
Aho, M. *see* Joutsenoja, T. 59072
Ahola, P. *see* Hallikainen, M. 18877
Ahola, T. *see* Hu, J. 23733
Ahopelto, J. *see* Grosse, S. 42212
Ahopelto, J. *see* Sopanen, M. 12216
Ahopelto, J. *see* Sopanen, M. 21226
Ahoujja, M., Elhamri, S., Newrock, R.S., Mast, D.B., Mitchel, W.C., Ikai Lo, Fathimulla, A. Multiple subband population in delta-doped AlAsSb/InGaAs heterostructures 31943
Ahoujja, M. *see* Elhamri, S. 2213
Ahouzi, E., Iemmi, C., Ledesma, S., Lashin, V., Chalasinska-Macukov, K., Campos, J., Yzuel, M.J. Pattern recognition with a phase-shifting interferometric correlator. Discrimination-capability enhancement 57334
Ahrabian, Q., Madadi, H. Estimation of pole position of an inverter fed permanent-magnet synchronous machine by the extended Kalman filter 20103
Ahrenkiel, R. *see* Abulfotuh, F. 39117
Ahrenkiel, R. *see* Venkatasubramanian, R. 38973
Ahrenkiel, R. *see* Wallace, R.L. 30855
Ahrenkiel, R.K., Ahrenkiel, S.P., Arent, D.J., Olson, J.M. Carrier transport in ordered and disordered $In_{0.53}Ga_{0.47}As$ 31814
Ahrenkiel, R.K. *see* Ciszek, T.F. 30694
Ahrenkiel, R.K. *see* Levi, D.H. 39101
Ahrenkiel, S.P. *see* Ahrenkiel, R.K. 31814
Ahrenkiel, S.P. *see* Millunchick, J.M. 40384
Ahrens, C., Friese, G., Ferretti, R., Schwierzi, B., Hasse, W. Electrical characterization of $TiN/TiSi_2$ and $WN/TiSi_2$ Cu-diffusion barriers using Schottky diodes 42642
Ahrens, C. *see* Fremont, H. 53844
Ahrens, K. Test standard serves dual role as on-board programming solution 11312
Ahrens, R.G., Tennant, D.M. Resist profile enhancement in near field holographic printing using bottom anti-reflection coatings 42858
Ahrens, T. Thermal expansion and lifetime measurements on SMT assemblies for an assessment of SSD (solid solder deposit) reliability 11943
Ahreus, K. *see* Marrero, A. 31214
Ahsan, A. *see* Ahmad, U.M. 52231
Ahsanullah, T.M.G. Minimal locally bounded fuzzy neighborhood rings and commutative division rings 52474
Ahuja, M., Mishra, S. Units of computation in fault-tolerant distributed systems 46777
Ahuja, M.N. *see* Sabharwal, S.C. 37263
Ahuja, N. A transform for multiscale image segmentation by integrated edge and region detection 15955
Ahuja, N., Jen-Hui Chuang Shape representation using a generalized potential field model 46079
Ahuja, N. *see* Bajcsy, P. 5351
Ahuja, N. *see* Jackson, S.A. 5566
Ahuja, N. *see* Krishnan, A. 15827
Ahuja, N. *see* Ratakonda, K. 56729
Ahuja, N. *see* Tabb, M. 57177
Ahuja, R.K., Kodialam, M., Mishra, A.K., Orlin, J.B. Computational investigations of maximum flow algorithms 52458
Ahuja, R.K., Orlin, J.B. Equivalence of the primal and dual simplex algorithms for the maximum flow problem 52496
Ai, B. Zinc oxide based varistors and parallel circuit protection: the state of the art 41531
Ai, B., Knize, R.J. Degenerate four-wave mixing in two-level saturable absorbers 14303
Ai, L., Daigle, J.N., Petorovic, R. Effect of IF filters on BER performance of a narrowband PCS 47762
Ai, M. Future of imaging technology 5504
Ai Bo *see* Yin Zhiyu 47253
Ai Guoxiang *see* Guoxiang Ai
Ai Tsu-Hua *see* Tsu-Hua Ai
Ai Xicheng *see* Wang Congfangg 33610

Ai Xin, Cai Guowei, Mu Gang, Chen Yalun, Zhang Xiaolin, Zou Ming Improve damping characteristic by use of SVC 60242
Aiazzi, B., Alba, P.S., Alparone, L., Baronti, S., Lotti, F. Lossless image compression based on a generalised recursive interpolation 15621
Aiazzi, B., Alba, P.S., Alparone, L., Baronti, S., Lotti, F. Lossless compression of medical images based on an enhanced generalized multidimensional S-transform 28209
Aiazzi, B., Alba, P.S., Baronti, S., Alparone, L. Three-dimensional lossless compression based on a separable generalized recursive interpolation 56730
Aiazzi, B., Alparone, L., Baronti, G., Borri, S., Susini, C. Multiresolution adaptive noise filtering based on Laplacian pyramids 27075
Aiazzi, B., Alparone, L., Baronti, S., Lotti, F. Optimum feedback quantizers for Laplacian pyramids 46347
Aiba, T. *see* Hattori, T. 2377
Aibara, N. *see* Yanai, Y. 36809
Aibatov, L. Equivalence relations for pumping systems of the active media in gas lasers with an electrodeless gas discharge 13936
Aiche, M. *see* Scheurer, J.N. 59353
Aicher, U. *see* Shutie, P.F. 14762
Aichi, H., Miyachi, I. An experimental consideration on the contact resistance caused by the distribution of contact spots with the contact model using electrolyte bath 1752
Aichinger, H. *see* Klein, R. 59848
Aici Qiu *see* Qiu Aici
Aid, M. *see* Cortial, F. 43703
Aida, F. *see* Shinan Wang 19349
Aida, F. *see* Yamanaka, S. 32726
Aida, H. *see* Altintas, O. 16104
Aida, H. *see* Ryoo, I. 46597
Aida, H. *see* Saito, T. 46750
Aida, H. *see* Saito, T. 46753
Aida, H. *see* Saito, T. 46764
Aida, K., Nakagawa, K. Flexible lightwave frequency allocation in absolute frequency controlled dense WDM system 26743
Aida, M. *see* Makino, M. 16276
Aida, M. *see* Morikawa, T. 27935
Aida, M.S., Ghrieb, M. Electrical and optical properties of phosphorus-doped a-SiC:H thin films 42002
Aida, M.S., Rahmane, S. Measurement of the striking force of Ar ions on the substrate during sputter deposition of a-Si:H thin films 30944
Aida, S. *see* Fujimoto, K. 28422
Aida, S. *see* Nishi, K. 15060
Aidam, M., Russer, P. Derivation of the transmission line matrix method by finite integration 45003
Aidam, M. *see* Jobava, R. 24349
Aidam, M. *see* Pommerenke, D. 33801
Aidam, M. *see* Zaridze, R. 24336
Aidi, M., Laverguat, J. Approximation of the Maliuzhinets function 4241
Aidinis, C.J. *see* Patsis, G. 42832
Aidla, A. *see* Kukli, K. 52714
Aidong, M. *see* Fei, L. 48600
Aidong Li, Chuanzhen Ge, Peng Lu, Di Wu, Sibei Xiong, Naiben Ming Fabrication and electrical properties of sol-gel derived $BaTiO_3$ films with metallic $LaNiO_3$ electrode 43582
Aidong Yun *see* Yun Aidong
Aidong Zhang, Biao Cheng, Acharya, R. A fractal-based clustering approach in large visual database systems 5014
Aidu, E.A.I. *see* Titomir, L.I. 49699
Aie Yin *see* Xin, S.H. 10810
Aiello, A., Mariano Primiani, V., Righetti, M., Tribellini, G. A measurement system for thin shield effectiveness 4287
Aiello, D. *see* Santarsiero, M. 44622
Aiello, D. *see* Santarsiero, M. 55778
Aiello, G. FEM computation of electrical parameters in axisymmetric boundless skin-effect problems 4302
Aiello, G., Alfonzetti, S., Borzi', G., Coco, S., Salerno, N. A generalization of the charge iteration procedure 44907
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. A theoretical study of charge iteration 14520
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Finite element analysis of unbounded non-linear transient magnetic fields 44868
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Combining non-linearity and current iterations for the solution of boundless skin-effect problems 44948
Aiello, L. *see* Campanella, L. 60091
Aiello, S., Anzalone, A., Bartolucci, M., Cardella, G., Cavallaro, S., De Filippo, E., Di Pietro, A., Femino, S., Geraci, M., Guazzoni, P., Manno, M.I., Lanzalone, G., Lanzano, G., Lo Nigro, S., Manfredi, G., Musumarra, A., Pagano, A., Papa, M., Pirrone, S., Politi, G., Porto, F., Rizzo, F., Sambataro, S., Sechi, G., Sperduto, L., Sutera, C., Zetta, L. Real-time computing of special algorithms with a DSP-based board 1483
Aiello, S., Anzalone, A., Cardella, G., Cavallaro, Sl., De Filippo, E., Di Pietro, A., Femino, S., Geraci, M., Giustolisi, F., Guazzoni, P., Iacono Manno, M., Lanzalone, G., Lanzano, G., Lo Nigro, S., Musumarra, A., Pagano, A., Papa, M., Pirrone, S., Politi, G., Porto, F., Rizzo, F., Sambataro, S., Sperduto, M.L., Sutera, C., Zetta, L. Timing performances and edge effects of detectors worked from 6-in. silicon slices 49328
Aiello, S. *see* Russo, G.V. 18137
Aiello, W., Bellare, M., Venkatesan, R. Knowledge on the average–perfect, statistical and logarithmic 34493
Aiga, M. *see* Ishimura, E. 26840
Aiga, M. *see* Shima, A. 55635
Aiga, M. *see* Takiguchi, T. 52656
Aiga, M. *see* Watanabe, H. 17067
Aiga, M. *see* Watanabe, H. 58285
Aigner, H. *see* Denkmayr, K. 61369
Aigner, R. *see* Niebling, G. 27434
Aigo, T. *see* Futagi, T. 31934
Aigo, T. *see* Moritani, A. 13017
Aigouy, L., Briot, N., Cloitre, T., Briot, O., Abounadi, A., Gil, B., Aulombard, R.L., Averous, M. Thermal quenching of the photoluminescence line in (Zn,Cd)Se-based graded index separate confinement heterostructures 22359
Aiguo Song *see* Song Aiguo
Aiguo Wu *see* Wu Aiguo
Aiguo Xie, Beerel, P.A. Symbolic techniques for performance analysis of timed systems based on average time separation of events 53230
Aihara, H. *see* Kamae, T. 37359
Aihara, K. *see* Fujii, H. 18428
Aihara, K. *see* Hasegawa, M. 4953
Aihara, K. *see* Michihira, M. 51310
Aihara, K. *see* Mizukami, Y. 60325
Aihara, R. *see* Takai, M. 12609
Aihara, S. *see* Ishikawa, H. 16794
Aihara, S.I., Kabeuchi, T. Mathematical modelling for a micro-tunnelling machine 47508
Aihara, T. *see* Tsukada, M. 18429
Aihua Pei *see* Pei Aihua
Aiju Chen *see* Zhizheng Zhou 53996
Aijun Liu *see* Liu Aijun
Aijun Zhang *see* Zhang Aijun
Aikawa, M., Tokumitsu, T., Yamasaki, K., Toyoda, I. Recent progress of 3-D MMIC technology 31519
Aikawa, M. *see* Kamogawa, K. 24601
Aikawa, M. *see* Kaneko, Y. 27767
Aikawa, M. *see* Tokumitsu, T. 31523
Aikawa, M. *see* Tokumitsu, T. 31532
Aikawa, M. *see* Toyoda, I. 21953
Aikawa, N., Isomura, H., Ishikawa, T. Design of finite impulse response transmitter and receiver filters for data communication system 34818
Aikawa, S., Motoyama, Y., Umehira, M. Forward error correction schemes for wireless ATM systems 5722
Aikawa, S. *see* Nakayama, Y. 25838
Aikawa, T. *see* Fukunaga, H. 3139
Aikawa, Y. *see* Furuichi, R. 29331
Aike Guo *see* Youshou Wu 1659
Aiken, D.J., Smith, D.D., Barnett, A.M. A device structure for thin, light trapped epitaxial silicon solar cells 39034
Aiken, D.J. *see* Smith, D.D. 39033
Aikens, D.M. *see* Lawson, J.K. 3758
Aiki, K. *see* Okazaki, H. 30838
Aiki, M. *see* Murakami, M. 16782
Aikiya, H. *see* Itsumi, M. 12580
Aikman, F., III The Coastal Ocean Forecast System for the US East Coast 50094
Aikman, F., III *see* Schultz, J.R. 50098
Ailes-Sengers, L. *see* Kuga, Y. 18801
Ailey, K.S. *see* Davis, R.F. 30828
Ailing Gong *see* Liyun Zhong 44814
Ailing Gong *see* Gong Ailing
Ailisto, H. *see* Miettinen, J. 35146
Aimin Lu *see* Feng Liu 49004
Aimin Sun *see* Xiaonong Xu 7249
Aiming Lu *see* Lu Aiming
Aimone, M.A. *see* Lindell, L.C. 29919
Aimoto, A., Matsumoto, T. Noninvasive method for measuring the electrical properties of deep tissues using an open-ended coaxial probe 8073
Aina, L. *see* Thompson, A.G. 40329
Aina, O. *see* Shen-Whan Chen 54708
Aina, S. *see* Cole, M.J. 48024
Aindow, M. *see* O'Donnell, K. 3127
Ainger, F.W. *see* Erdei, S. 3394
Ainger, F.W. *see* Erdei, S. 23479
Ainger, F.W. *see* Erdei, S. 43886
Ainger, F.W. *see* Erdei, S. 55406
Ainger, F.W. *see* Galambos, L. 3393
Ainitdinov, Kh.A. *see* Klushin, A.M. 32909
Ainslie, M. *see* Tello, R. 59524
Ainspan, H. *see* Soyuer, M. 21950
Ainspan, H.A. *see* Soyuer, M. 2854
Ainspan, H.A. *see* Widmer, A.X. 26425
Ainsworth, M. A hierarchical domain decomposition preconditioner for h-p finite element approximation on locally refined meshes 654
Ainsworth, M.T. *see* Kushner, L.J. 11204
Ainsworth, P. *see* Napolitano, A. 26615
Aioun, F. *see* Bonnassieux, Y. 51689
Aiping Yi *see* Yi Aiping
Airaksinen, V.-M. *see* Majamaa, T. 12755
Aires, F.Cadete Santos *see* Cadete Santos Aires, F.
Airey, M.S., Staple, A.E. Qualification and certification of helicopters to military and civil high intensity radiated field (HIRF) requirements 38155
Airiyan, H., Rumsewicz, M. Experiences in designing a capacity planning tool for intelligent networks 26286
Airoldi, G. *see* Clavario, P. 49391
Airoldi, V.T. *see* Borges, C.F.M. 856
Airs, J. Comparative indoor RF channel soundings at 2, 5 and 17 GHz 26154
Airs, J. *see* Betts, A.E. 35916
Aisawa, S., Takachio, N., Iwashita, K. 10 Gbit/s eight-channel transmission experiment over 480 km with 120 km repeater spacing using orthogonal polarisation arrangement and bit-phase arranged RZ pulse format 47897
Aisawa, S. *see* Fukui, M. 58294
Aisawa, S. *see* Yonenaga, K. 6748
Aisbett, J., Gibbon, G. When surveillance sensors disagree 25236
Aishui Yu *see* Kumagai, N. 60992
Aissi, C., Olaniyan, J. Testing and design of CMOS D-latches 53257
Ait Ameur, K. Transverse properties of a Michelson mirror 55750
Ait-Ali, M.A. Optimum power boosting of gas turbine cycles with compressor inlet air refrigeration 50788
Ait-Ameur, K. *see* Even, P. 13959
Ait-Boudaoud, D., Cemes, R., Holloway, S. Evolutionary adaptive filtering 25185
Ait-Boudaoud, D. *see* Vasilko, M. 11429
Ait-Boudaoud, D. *see* Vasilko, M. 11431
Ait-Hellal, O., Altman, E., Basar, T. Rate based flow control with bandwidth information 35394
Ait-Hellal, O., Altman, E., Basar, T. Rate based flow control with bandwidth information 46566
Ait-Kadi, D. *see* Chelbi, A. 10205
Ait-Kadi, D. *see* Chelbi, A. 39861
Ait-Ouali, A. *see* Yip, R.Y.-F. 33115
Aita, C.R. *see* Heil, R.B. 40618
Aita, K., Yasaka, A., Kitamura, T., Matsumura, H., Satoh, Y., Nakamura, H., Fujikawa, J., Tsuchiya, K., Noguchi, S. Recent progress in the repair accuracy of the focused-ion-beam mask repair system 22691
Aitani, K. *see* Shiratori, A. 33495
Aitchison, B. *see* Aguilera, M. 7512
Aitchison, F. *see* Baxter, G.M. 7895
Aitchison, J.S., Hutchings, D.C., Kang, J.U., Stegeman, G.I., Villeneuve, A. The nonlinear optical properties of AlGaAs at the half band gap 33720
Aitchison, J.S. *see* Bonar, J.R. 3418
Aitchison, J.S. *see* Kang, J.U. 14331
Aitchison, J.S. *see* Kang, J.U. 44653
Aitchison, J.S. *see* Liu, X. 44777
Aitchison, J.S. *see* Stegeman, G.I. 33697
Aithal, P.Sreeramana *see* Sreeramana Aithal, P.
Aitken, A., Parsons, N.J. 1 million way distribution of microwave signals at 2-18 GHz, and 38 GHz with high carrier to noise ratio 16755
Aitken, F. *see* Jomni, F. 23134
Aitken, M. *see* Karthik, S. 40778
Aitken, R.C. Modelling the unmodellable: algorithmic fault diagnosis 32533
Aitken, R.C. *see* Maxwell, P.C. 40987
Aitov, N.L. *see* Swallom, D.W. 20053
Aitsab, O. *see* Solaiman, B. 46500
Aivazov, A.A., Stern, Y.I., Makhratchev, K.B., Morgal, A.V. The design problems of thermoelectric heat pumps for transportation facilities 39238
Aivazov, A.A. *see* Budaguan, B.G. 17378
Aivazov, A.A. *see* Budagyan, B.G. 7347
Aivazov, A.A. *see* Budagyan, B.G. 31959
Aixian Wei *see* Wei Aixian
Aiyer, R.C. *see* Ansari, S.G. 48738
Aiyer, R.C. *see* Dharmadhikari, A.K. 3466
Aizaki, N. *see* Tounai, K. 2503
Aizatskii, N.I. On the coupling of two cavities 4317
Aizawa, K., Egi, Y., Hamamoto, T., Hatori, M., Abe, M. On sensor image compression for high pixel rate imaging 27656
Aizawa, K., Hamamoto, T., Egi, Y., Hatori, M., Maruyama, H. On sensor image compression based on pixel parallel and column parallel architectures 7429
Aizawa, K., Hamamoto, T., Egi, Y., Hatori, M., Yamazaki, J. On sensor image compression for high pixel rate imaging: pixel parallel and column parallel architectures 58851
Aizawa, K., Moriwaki, M., Ichiki, T., Tokumitsu, E., Ishiwara, H. Growth and crystallinity of ferroelectric $BaMgF_4$ films on (111)-oriented Pt films 52760
Aizawa, K. *see* Cha Keon Cheong 56782
Aizawa, K. *see* Cheong, C. 25703
Aizawa, K. *see* Hamamoto, T. 27660
Aizawa, K. *see* Jirattitichareon, A. 47643
Aizawa, K. *see* Sanghoon Song 56225
Aizawa, M., Niimi, T., Haruyama, T., Kobatake, E. Design of environment responsive biomolecular systems 7437
Aizawa, R. *see* Nakano, M. 973
Aized, D., Jones, E.C., Snitchler, G., Campbell, J., Malozemoff, A.P., Schwall, R.E. AC loss measurements on multifilamentary BSCCO 2223 high-temperature superconductors 43767
Aized, D. *see* Lue, J.W. 32937
Aizenberg, I.N. Extraction of the small details on the noisy images and their sharpening: implementation on the CNN 35085
Aizenberg, I.N. *see* Aizenberg, N.N. 35102

Aizenberg, N.N., Aizenberg, I.N., Krivosheev, G.A. CNN based on universal binary neurons: learning algorithm with error-correction and application to impulsive-noise filtering on gray-scale images 35102
Aizenshtein, G. *see* Harlev, E. 55331
Aizhen Li *see* Li Aizhen
Aizin, G. *see* Yongming Guo 44453
Aizu, Y., Asakura, T., Ogino, K., Sugita, T., Suzuki, Y., Masuda, K. Bio-speckle flowmetry for retinal blood flow diagnostics 49538
Ajaots, M., Min, M., Rang, T., Ubar, R. Education environment for electronics and microsystems 9881
Ajayi, E.O.B. *see* Osasona, O. 44193
Ajika, N. *see* Sakamoto, O. 1361
Ajika, N. *see* Ueno, S. 1352
Ajiki, K. *see* Suzuki, H. 43524
Ajiki, K. *see* Yanagisawa, M. 23356
Ajisawa, A.A. *see* Kawano, M. 10675
Ajit, J.S. Theoretical and experimental characteristics of the insulated-gate thyristor (IGTH) 32388
Ajjarapu, V. *see* Ibsais, A. 60213
Ajjarapu, V. *see* Ibsais, A. 60276
Ajluni, C. Analysis tools target PC-board design-cycle front end 1761
Ajluni, C. Intelligent transportation hits the road 29745
Ajluni, C. System-level tool upgrades for team-based design 30136
Ajluni, C. New parasitic-extraction tools needed for DSM flows 32530
Ajluni, C. Low-pressure sensor opens wide applications frontier 36530
Ajluni, C. Advanced display technologies come to light 36819
Ajmani, A., Mazumdar, J., Jarvis, D. Spectral analysis of an acoustic respiratory signal with a view to developing an apnoea monitor 37616
Ajmone, M., Taricco, G., Roncarolo, G., Tagliente, G. Simulation of three MAC protocols for intelligent highway packet radio networks 16109
Ajmone Marsan, M., Bianco, A., Francini, A., Lo Cigno, R., Munafo, M. Integrated cell and call level simulation of ATM networks 35408
Ajmone Marsan, M., Bianco, A., Lo Cigno, R., Munafo, M. A comparison of classical control techniques for EFCI ABR connections 25882
Ajmone Marsan, M., Gaeta, R. GSPN analysis of the knockout ATM switch 35409
Ajram, S., Kozlowski, R., Van de Velde, J.-C., Salmer, G. Application of GaAs power devices to very-high-frequency and high-efficiency DC to DC power converters 53027
Ajtonyi, I., Terstyanszky, G. Specification and verification of real-time requirements of fault diagnosis 39904
Ajuria, S.A. *see* Lin, F. 42613
Ajvazyan, H.H., Ajvazyan, H.M., Goulyan, A.G., Martirossian, R.M. Millimeter and submillimeter radar-radiometer satellite complex for early detection of hail embrions in cloud 38064
Ajvazyan, H.M. *see* Ajvazyan, H.H. 38064
Aka, G., Bloch, L., Benitez, J.M., Crochet, P., Kahn-Harari, A., Viven, D., Salin, F., Coquelin, P., Collier, D. New nonlinear oxoborate crystal, characterized by using femtosecond broadband pulses 14409
Aka, G., Kahn-Harari, A., Vivien, D., Benitez, J.-M., Salin, F., Godard, J. A new non-linear and neodymium laser self-frequency doubling crystal with congruent melting: $Ca_4GdO(BO_3)_3$ (GdCOB) 14037
Akabane, K. *see* Hasegawa, T. 8859
Akabori, M. *see* Motohisa, J. 13048
Akaboshi, T., Watanabe, Y., Kuroda, J., Jibiki, H. An EDI for the Internet 16353
Akaev, A.A., Zhumaliev, K.M., Gurevich, S.B., Gurevich, B.S. Connecting estimates of image quality to the informational characteristics of imaging systems and memory 56602
Akagami, Y. *see* Fujita, T. 975
Akagawa, K., Wada, S., Tashiro, H. High-speed optical parametric oscillator pumped with an electronically tuned Ti:sapphire laser 44658
Akagawa, K. *see* Shoda, M. 27661
Akagawa, K. *see* Wada, S. 3750
Akagawa, K. *see* Xiao-Wei Xia 28136
Akagi, H. New trends in active filters for power conditioning 29393
Akagi, H. Control strategy and site selection of a shunt active filter for damping of harmonic propagation in power distribution systems 38343
Akagi, H. New trends in active filters 51444
Akagi, H., Ikeda, S. Modeling and harmonic damping effect of shunt active filters for dispersive installation on power distribution systems 28867
Akagi, H. *see* Fujita, H. 38817
Akagi, H. *see* Fujita, H. 38837
Akagi, H. *see* Maruyama, T. 40525
Akagi, H. *see* Ogasawara, S. 29675
Akagi, H. *see* Ogasawara, S. 29682
Akagi, H. *see* Ogasawara, S. 39266
Akagi, H. *see* Tanaka, T. 38840
Akagi, K. *see* Yano, S. 41186
Akagi, M. *see* Unoki, M. 45930
Akagi, M. *see* Yonezawa, Y. 24871
Akagi, T. *see* Unno, Y. 37395
Akagi, Y. *see* Aono, K. 9302
Akagi, Y. *see* Matsumoto, M. 58269
Akahane, H. *see* Tanaka, M. 58906
Akahane, T. *see* Yasui, K. 52821
Akahori, H. Phase retrieval of recorded kinoform transmittance and estimation of the phase-recording curve characteristic 4112
Akahori, T. *see* Shibuki, S. 40613
Akahori, Y. *see* Mino, S. 3668
Akahori, Y. *see* Mino, S. 3884
Akahoshi, H. *see* Itabashi, T. 12034
Akahoshi, H. *see* Takahashi, A. 12047
Akahoshi, Y. *see* Toufuku, K. 36808
Akai, K. *see* Ezura, E. 49245
Akai, S. *see* Yoshida, H. 31835
Akai, T. *see* Matsumura, M. 3583
Akai, T. *see* Matsumura, M. 13869
Akai, T. *see* Minamizawa, M. 10170
Akai, T. *see* Minamizawa, M. 52217
Akai, Y. *see* Yano, M. 60988
Akaiwa, Y. *see* Iochi, H. 35973
Akaiwa, Y. *see* Torikai, T. 58094
Akal, T. *see* Stoll, R.D. 18760
Akama, A. *see* Ohtani, H. 7080
Akama, S. *see* Saito, T. 13388
Akama, W. *see* Nagao, M. 32717
Akamatsu, H., Iwata, T., Yamamoto, H., Hirata, T., Yamauchi, H., Kotani, H., Matsuzawa, A. A low power data holding circuit with an intermittent power supply scheme for sub-1V MT-CMOS LSIs 1261
Akamatsu, H. *see* Yamauchi, H. 1412
Akamatsu, H. *see* Yamauchi, H. 11442
Akamatsu, M. *see* Arita, K. 54302
Akamatsu, N. *see* Ulgen, F. 56825
Akamatsu, T. *see* Koterayama, W. 50150
Akamine, A. Noise properties of grain boundary Josephson junctions 55120
Akamine, T. *see* Ikeda, H. 59310
Akamine, T. *see* Okuno, S. 43577
Akamine, T. *see* Okuno, S. 59291
Akan, A., Chaparro, L.F. Evolutionary spectral analysis using a warped Gabor expansion 15366
Akan, A., Chaparro, L.F. Discrete rotational Gabor transform 34924
Akane, T., Umekawa, M., Matsumoto, S., Higuchi, H. Heteroepitaxial melt-regrowth of $Si_{1-x}Ge_x$/Si(100) formed by laser melt mixing of photochemically deposited Ge films and Si substrate 10779
Akansu, A.N., Lin, X.M., Tazebay, M.V. Spread spectrum PR-QMF transmultiplexer codes for CDMA communications 47556
Akansu, A.N., Tazebay, M.V., Haddad, R.A. A new look at digital orthogonal transmultiplexers for CDMA communications 25894
Akansu, A.N. *see* Tazebay, M.V. 47568
Akansu, A.N. *see* Xueming Lin 16049
Akao, N. *see* Ishida, M. 32800
Akaogi, T. *see* Chen, J.C. 1414
Akarun, L., Ozdemir, D., Yalcin, O. Joint quantization and dithering of color images 56792
Akasa, I. *see* Wei Li 12381
Akasaji, I. *see* Koike, M. 13883
Akasaka, H. *see* Kurita, S. 44118
Akasaka, N. *see* Shintake, T. 37131
Akasaka, N. *see* Shintake, T. 49228
Akasaka, S. *see* Ishida, A. 20807
Akasaka, Y., Suehiro, S., Nakajima, K., Nakasugi, T., Miyano, K., Kasai, K., Oyamatsu, H., Kinugawa, M., Takagi, M.T., Agawa, K., Matsuoka, F., Kakumu, M., Suguro, K. Low-resistivity poly-metal gate electrode durable for high-temperature processing 2429
Akasaka, Y., Sugizaki, R., Kamiya, T. Dispersion compensating technique of 1300 nm zero-dispersion SM fiber to get flat dispersion at 1550 nm range 16832
Akasaka, Y. *see* Nakagawa, K. 51505
Akasaka, Y. *see* Takagi, M.T. 43276
Akasaki, I., Amano, H. Recent progress of crystal growth, conductivity control and light emitters of group III nitride semiconductors 41977
Akasaki, I., Amano, H. Progress and future prospects of group III nitride semiconductors 55667
Akasaki, I. *see* Amano, H. 10807
Akasaki, I. *see* Burm, J. 32459
Akasaki, I. *see* Jinwook Burm 54686
Akasaki, I. *see* Kaneko, Y. 32222
Akasaki, I. *see* Kunzer, M. 31854
Akasaki, I. *see* Liliental-Weber, Z. 10804
Akasaki, I. *see* Takeuchi, T. 54223
Akasaki, I. *see* Takeuchi, T. 55396
Akashi, K. *see* Ito, S. 27529
Akashi, K. *see* Yamamoto, Y. 59613
Akashi, Y. *see* Fujiwara, Y. 22516
Akasu, M. *see* Tsutsumi, K. 9698
Akatsu, Y., Muramoto, Y., Ikeda, M., Ueki, M., Kozen, A., Kurosaki, T., Kawano, K., Kato, K., Yoshida, J. 1.3-μm multimode waveguide photodiodes suitable for optical hybrid integration with a planar lightwave circuit 16729
Akatsu, Y. *see* Muramoto, Y. 23683
Akatsuka, M. *see* Sueoka, K. 54019
Akatsuka, T. *see* Yuasa, T. 37671
Akay, H.U., Paydar, N., Song, X., Glogas, G. Viscoelastic finite element analysis of adhesive joints under thermal loads 30288
Akay, H.U. *see* Karamete, B.K. 10577
Akay, M. Wavelets and biomedical signal processing 49377
Akay, M. Wavelet applications in medicine 59394
Akay, M., Mulder, E. Wavelet transform and matching pursuit methods in early human development 18197
Akay, M., Mulder, E.J.H. Wavelet based fractal method in early human development 37615
Akay, M. *see* Ciresi, G. 59738
Akay, M. *see* Fischer, R. 18198
Akay, M. *(editor)* Detection and estimation methods for biomedical signals 86
Akay, M. *see* Dagli, C.H. *(editor)* 9788
Akazaki, T. *see* Nitta, J. 42121
Akazan, J. *see* Mammeri, Z. 16294
Akazawa, H. Photoepitaxy of Si and Ge by synchrotron radiation 801
Akazawa, H. Characterization of self-limiting SiH_2Cl_2 chemisorption and photon-stimulated desorption as elementary steps for Si atomic-layer epitaxy 814
Akazawa, H. Bistable Si growth conditions on Ge(100) in synchrotron-radiation-excited atomic layer epitaxy from SiH_2Cl_2 40401
Akazawa, K. *see* Homma, Y. 10087
Akazawa, K. *see* Okuno, R. 49783
Akazawa, M., Amemiya, Y. Boltzmann machine neuron circuit using single-electron tunneling 31450
Akazawa, M., Aoki, T., Tazawa, S., Sato, Y. Phosphorus pile-up model for SiO_2-Si interface of p-channel MOSFETs 12957
Akazawa, Y. Analog LSI circuit design issues for optical transmission systems 58402
Akazawa, Y. *see* Hirose, M. 21512
Akazawa, Y. *see* Nakamura, M. 1549
Akazawa, Y. *see* Nakamura, M. 31410
Akbar, S.A., Wang, C.C. Extreme sensors. High temperature materials for sensor application in harsh environments 36771
Akbar, S.A. *see* Sebo, S.A. 32736
Akbar, S.A. *see* Weidong Zhu 23173
Akbar, S.A. *see* Zhu, W. 32681
Akbari-Dilmaghani, R., Taylor, J. Large neighbourhood template implementation in continuous-time cellular neural networks with physical connectivity of r=1 1672
Akbarov, D.E. Necessary conditions of optimality in variational inequality form for systems described by Hammerstein equations 488
Akbarzadeh-T, M.-R., Feerouzbakhsh, Y.T.K., Feerouzbakhsh, B. Evolutionary fuzzy speed regulation for a DC motor 51037
Akbudak, E., Conturo, T.E. Arterial input functions from MR phase imaging 28167
Akca, H. *see* Blaga, P. 30553
Akcakoyun, N. *see* Yilbas, B.S. 10931
Akcali, E. *see* Nemoto, K. 32490
Akchurin, N., Doulas, S., Ganel, O., Gershtein, Y., Gavrilov, V., Kolosov, V., Kuleshov, S., Litvinsev, D., Merlo, J.-P., Onel, Y., Osborne, D., Rosowsky, A., Stolin, V., Sulak, L., Sullivan, J., Ulyanov, A., Wigmans, R., Winn, D. Quartz fiber calorimeter 37257
Akchurin, N., Nowak, W.D., Nurushev, S.B., Penzo, A., Ufimtsev, A.G. An absolute polarimeter for the measurement of the proton beam polarization at HERA 37077
Akdag, O. *see* Gordaninejad, F. 30982
Akdemir, O.K. *see* Arikan, O. 34932
Akduman, I. *see* Idement, M. 8420
Ake, K. *see* Yum, P. 27062
Ake Oberg, P. Fibre-optic sensors and their application in medical diagnosis 18287
Akehurst, D., Linington, P., Symes, A., Waters, G. The effects of ABR traffic on CBR traffic 35378
Akella, J. *see* Catledge, S.A. 52611
Akella, R. *see* McIntyre, M. 30361
Akella, R. *see* Nurani, R.K. 343
Akemoto, M. *see* Ruth, R.D. 49165
Aken, P.van *see* van Aken, P.
Akeno, E. *see* Yamashita, K. 22687
Akera, H. *see* Tanaka, Y. 42115
Akerib, D.S. *see* Shutt, T. 37472
Akerlof, C. *see* Hye-Sook Park 58842
Akerlund, J., Kjelldorff, R. A telecom energy vision to 2005, power for future telecom networks and customer equipment 50498
Akers, J. *see* Divljakovic, V. 50979
Akers, J.M., Triolo, R.J., Betz, R.R. Motor responses to FES electrodes in a growing limb 18499
Akers, L.A. *see* Goru, V.K. 1668
Akers, L.A. *see* Theogarajan, L. 1671
Akers, L.A. *see* Theogarajan, L. 5542
Akers, L.A. *see* Yazdani, M. 41249
Akesson, M. *see* Pulkkinen, J. 50709
Aketagawa, M., Takada, K., Takahashi, H., Sasaki, S., Suzuki, S. Small length measurement using regular crystalline lattice for reference. I. Determining the geometrical distortion of raw STM image and correcting it 56902
Akgui, T. *see* Oksasoglu, A. 26373
Akhavan, F., Watkins, S.E., Chandrashekhara, K. Recovery of impact contact forces of composite plates using fiber optic sensors and neural networks 36625
Akhavan, H.G., Mirshekar-Syahkal, D. Analysis of broadband microstrip-slotline transitions with multi-arm stubs 4318
Akhiezer, A.N., Senko, A.P., Seredniy, V.P. Power standards in millimeter range 27284

Akhil, A., Kraft, S., Symons, P.C. Market feasibility study of utility battery applications: penetration of battery energy storage into regulated electric utilities 60188

Akhmad, K., Okamoto, H., Yamamoto, F., Kitamura, A. Long-term performance modelling of amorphous silicon photovoltaic module 51597

Akhmad, K. *see* Kitamura, A. 38662

Akhmadov, A. Phase differential frequency converters in precision apparatus of phase shift and power factor measurement 27772

Akhmediev, N. *see* Krolikowski, W. 4053

Akhmediev, N. *see* Krolikowski, W. 55886

Akhmediev, N.N., Ostrovskaya, E.A. Elliptically polarized spatial solitons in cubic gyrotropic materials 4054

Akhmediev, N.N., Ostrovskaya, E.A. Counter-balance of linear and nonlinear optical activity for soliton-like pulses 55857

Akhmedov, T.G. *see* Gadzhiev, Ch.M. 48959

Akhmedova, N.A. *see* Abdukadyrov, M.A. 7331

Akhmetov, A., Takeo, M., Yamafuji, K. Composite superconductor as a distributed trigger system 55148

Akhmetshin, A.M., Lyuboshenko, I.V. The reconstruction of signals and images from the noisy Fourier transform phase by means of the generalized difference principle 4825

Akhmetshin, A.M., Lyuboshenko, I.V. Flaw detection on layered structures from the phase and frequency dependence of the reflection coefficient 40728

Akhmetshin, A.M. *see* Lyuboshenko, I.V. 46486

Akhmetshin, A.M. *see* Lyuboshenko, I.V. 56985

Akhmetshin, R.R., Grigoriev, D.N., Kazanin, V.F., Logashenko, I.B., Smakhtin, V.P., Yudin, Yu.V. Testing and calibration of the BGO endcap calorimeter with phototriode readout for the CMD-2 detector 37253

Akhmetshin, R.R. *see* Logashenko, I.B. 37034

Akhmetshin, R.R. *see* Vasiliev, Ya.V. 30688

Akhouayri, H. *see* Dokulilova, S. 17415

Akhouayri, H. *see* Enoch, S. 55844

Akhouayri, H. *see* Giovannini, H. 4118

Akhremitchev, B., Chengfei Wang, Walker, G.C. A femtosecond absorption spectrometer tunable from 50 000 to 800 cm^{-1}: Nonlinear optics and pump/probe geometries 3999

Akhrif, O., Okou, F.-A., Dessaint, L.-A., Champagne, R. Multi-input multi-output feedback linearization of a synchronous generator 19716

Akhrif, O., Saydy, L. Robust performance analysis of a controlled synchronous machine 19717

Akhtar, M.W., Thomas, B., Morgan, D.V. A novel-ion assisted evaporation system for use in semiconductor device fabrication 40520

Akhtar, S. *see* Youngchun Kim 46820

Akhunov, T.A., Makarov, L.N., Popov, V.I. Development of RA series of asynchronous machines (power up to 100 kw) and their introduction at the Yaroslavsk Electrical-Machine Plant 60777

Akhunov, T.A. *see* Makarov, L.N. 60773

Akhunov, T.A. *see* Popov, V.A. 60774

Aki, T. *see* Hasaka, M. 31919

Aki, T. *see* Hasaka, M. 61103

Akiba, A. *see* Ogasawara, T. 4941

Akiba, J., Hariu, T., Kishida, T., Kondo, Y. Intelligent network call model for controlling B-ISDN 47263

Akiba, J. *see* Haru, T. 26303

Akiba, M. *see* Yuasa, T. 37671

Akiba, N. *see* Shen, A. 40393

Akiba, S. *see* Edagawa, N. 26827

Akiba, S. *see* Horiuchi, Y. 6824

Akiba, S. *see* Morita, I. 6733

Akiba, S. *see* Morita, I. 58298

Akiba, S. *see* Otani, T. 36125

Akiba, S. *see* Suzuki, M. 14330

Akiba, S. *see* Suzuki, M. 58293

Akiba, S. *see* Taga, H. 58299

Akiba, Y., Sakata, T., Iida, M. Electrical characteristics of I_s/undoped diamond junction diode at high temperature 2572

Akiba, Y. *see* Katsuki, N. 54316

Akiba, Y. *see* Laina Ma 13843

Akil, M. *see* Dehili, A. 5407

Akil, M. *see* Dehili, A. 57222

Akima, Y. *see* Watanabe, H. 45709

Akimoto, K., Fujii, Y., Sekiguchi, T., Yamaji, K. Decision analysis under uncertain CO_2 concentration control policies with a global energy model and its implication for power sectors 28969

Akimoto, K. *see* Fujii, Y. 38313

Akimoto, M. *see* Kuboyama, H. 16260

Akimoto, M. *see* Tan, Q. 35212

Akimoto, T., Murai, I., Kato, S., Narita, M., Ogawa, Y. Development of high speed multichannel scalar using line memories 37516

Akimoto, T. *see* Tanaka, T. 17072

Akimoto, Y. *see* Kaneko, T. 31584

Akimoto, Y. *see* Yamauchi, J. 23503

Akimov, A.E., Okhatrin, A.F., Finogeev, V.P., Lomonosov, M.N., Loginov, A.V., Okhatrin, F.A., Shipov, G.I. Visualization, processing, and analysis of torsion information on space image media 34983

Akimov, B.A., Brandt, N.B., Albul, A.V., Ryabova, L.I. Electrothermal instabilities induced by a metastable electronic state in PbTe(Ga) 42020

Akimov, D., Bolozdynya, A., Burenkov, A., Churakov, D., Osipova, T., Petshina, O., Safronov, G., Smirnov, G., Solovov, V. Time characteristics of scintillations excited in xenon doped liquid krypton by relativistic particles 59257

Akimov, D.A., Fedotov, A.B., Koroteev, N.I., Magnitskii, S.A., Naumov, A.N., Sidorov-Biryukov, D.A., Zheltikov, A.M. Optimizing two-photon three-dimensional data storage in photochromic materials using the principles of nonlinear optics 43903

Akimov, D.A., Ferrante, G., Koroteev, N.L., Zarcone, M., Zheltikov, A.M. Elementary classical analysis of optical harmonic generation and four-wave mixing in strong light fields 14346

Akimov, D.A., Zheltikov, A.M., Koroteev, N.I., Magnitskii, S.A., Naumov, A.N., Sidorov-Biryukov, D.A., Fedotov, A.B. Optimisation of two-frequency optical data writing in photochromic materials based on the polarisation dependence of the two-photon absorption cross section 3337

Akimov, D.Yu., Bolozdynya, A.I., Chen, M., Churakov, D.L., Afonas'ev, V.N., Belogurov, S.G., Brastilov, A.D., Burenkov, A.A., Dodohov, V.H., Gusev, L.G., Kuchenkov, A.V., Kuzichev, V.F., Lebedenko, V.N., Osipova, T.A., Rogovsky, I.A., Safronov, G.A., Simonychev, S.A., Solovov, V.N., Sopov, V.S., Smirnov, G.N., Tchernyshev, V.P. Development of scintillation LXe/LKr electromagnetic calorimeter with wavelength shifting light collection 37245

Akimov, I.S. Characteristics of the indications of the system monitoring the vacuum seal of the fuel element claddings in separate fuel assemblies in the reactors at the Bilibino nuclear power plant 60508

Akimov, V.A., Bayukov, Yu.D., Bezuglov, M.P., Belyaev, I.M., Bobchenko, B.M., Vlasov, A.V., Voloshin, K.G., Vorob'ev, L.S., Grishuk, Yu.G., Doroshkevich, E.A., Zhurkin, V.V., Zagreev, B.V., Kantserov, Yu.V., Kats, M.M., Kiselev, S.M., Korchagin, Yu.V., Kuleshov, S.V., Kuleshova, L.N., Kurzenkov, A.I., Lebedev, A.A., Leksin, G.A., Pivnyuk, N.A., Sergeev, N.K., Serov, V.S., Smirnitskil, A.V., Stavinskii, A.V., Surin, V.P., Frolov, S.V., Shuvalov, S.M., Yumashev, A.V., Vasil'ev, M.A., Ippolitov, M.S., Lebedev, A.L., Man'ko, V.I., Mgebrishvili, G.M., Fokin, S.L., Shcherbachev, R.I. The Lambdameter-2 setup 28024

Akimova, E.A. *see* Bivol, V.V. 42257

Akimova, I.V., Eliseev, P.G., Osinskii, M.A., Perlin, P. Spontaneous emission from a quantum-well GaN/InGaN/AlGaN heterostructure at high pump currents 23891

Akin, J.D., Trytten, D.A. Visualization of genetic algorithms 10363

Akinaga, H. *see* Miyanishi, S. 43651

Akiniwa, Y. *see* Tanaka, K. 10997

Akino, T. *see* Saika, S. 40814

Akinwande, A.I. *see* Johnson, B.R. 53965

Akinwande, T. *see* Sarma, K. 27805

Akis, R., Bird, J.P., Ferry, D.K. The effects of inelastic scattering in open quantum dots: reduction of conductance fluctuations and disruption of wave-function 'scarring' 2205

Akis, R. *see* Grubin, H.L. 31988

Akis, R. *see* Vasilopoulos, P. 55234

Akisada, M. *see* Umetani, K. 7951

Akita, O. *see* Nakanishi, H. 58307

Akita, S. *see* Sugimoto, M. 52854

Akita, S. *see* Takeuchi, Y. 22542

Akita, S. *see* Takeya, J. 55090

Akita, S. *see* Yamaguchi, H. 43091

Akita, Y. *see* Koyama, M. 2579

Akiu, A. *see* Sisli, G. 37834

Akiya, H. *see* Hirata, A. 12767

Akiya, H. *see* Itsumi, M. 2301

Akiya, H. *see* Itsumi, M. 2354

Akiya, H. *see* Itsumi, M. 2917

Akiya, H. *see* Itsumi, M. 41851

Akiya, M., Alhara, M. Specific contact resistance at extremely low temperatures 32058

Akiyama, H., Hagler, M. A status report on engineering education in Japan 20511

Akiyama, H., Tsuzaki, T., Toko, K., Yamafuji, K. Taste sensor using membrane impedance change 58715

Akiyama, H. *see* Katsuki, S. 24403

Akiyama, H. *see* Katsuki, S. 44999

Akiyama, H. *see* Sueda, T. 32644

Akiyama, H. *see* Wang, P.D. 12490

Akiyama, H. *see* Watanabe, K. 49212

Akiyama, I., Toko, K., Yamafuji, K. Detection of taste substances using impedance change of phospholipid Langmuir-Blodgett membrane 7460

Akiyama, J., Ubukata, H., Uose, H., Hara, H., Nakamori, M., Terada, Y. Integrated management system for ATM multimedia network 26037

Akiyama, K. *see* Kuroyanagi, N. 6466

Akiyama, K. *see* Nakagawa, M. 5606

Akiyama, K. *see* Tanaka, K. 57942

Akiyama, M. *see* Hata, K. 54324

Akiyama, M. *see* Kakinuma, H. 31836

Akiyama, M. *see* Moritani, A. 13017

Akiyama, M. *see* Xu, C.N. 43889

Akiyama, N. *see* Ishikawa, H. 35717

Akiyama, N. *see* Seshake, H. 35650

Akiyama, R. *see* Kuroda, T. 37176

Akiyama, R. *see* Tsumori, K. 37061

Akiyama, T., Collard, D., Fujita, H. Scratch drive actuator with mechanical links for self-assembly of three-dimensional MEMS 43385

Akiyama, T., Sekiya, H., Oguro, M., Yamamori, K. Handwriting recognition of addressee names for automated fax mail distribution 34775

Akiyama, T., Tamagawa, Y., Yanagisawa, T. Simulation of visible/infrared sensor images 25520

Akiyama, T. *see* Collard, D. 13197

Akiyama, T. *see* Fukata, Y. 43412

Akiyama, T. *see* Kuge, H. 59825

Akiyama, T. *see* Matsumoto, H. 38627

Akiyama, T. *see* Nakano, H. 35815

Akiyama, T. *see* Sasaki, A. 36517

Akiyama, T. *see* Yasuda, M. 46451

Akiyama, Y., Nakamura, A., Takaku, K., Sugiura, O. Slot ripple of induction motor and FEM simulation on magnetic noise 29334

Akiyama, Y. *see* Chiba, A. 58244

Akiyama, Y. *see* Miyake, Y. 19997

Akiyama, Y. *see* Syo, T. 13110

Akiyama, Y. *see* Taniguchi, S. 51518

Akiyama, Ya. *see* Bulatov, O.G. 51127

Akiyoshi, M. *see* Miwa, S. 60955

Akizuki, K. *see* Yu Huang 8755

Akizuki, M., Matsuo, J., Harada, M., Ogasawara, S., Doi, A., Yamada, I. Generation of O_2 and metalorganic cluster ion beams and its application to low-temperature thin oxide film formation 40535

Akkan, T. *see* Pravadalioglu, S. 9625

Akkaraju, S., Desta, Y.M., Li, B.Q., Murphy, M.C. Electrochemical post-processing of LIGA structures 32339

Akkashian, E. *see* Glatfelter, T. 39156

Akke, M. Frequency estimation by demodulation of two complex signals 38200

Akker, J.M.van der *see* van der Akker, J.M.

Akkerman, Z. *see* Yin, Z. 41882

Akkoziev, J.A. *see* Jeenbaev, J.J. 44782

Akmal Butt, M. *see* Maragos, P. 57494

Akman, O., Longcheen Huwang Bayes computation for reliability estimation 52329

Akmese, R. *see* Chalmers, B.J. 19706

Ako, F. *see* Koide, Y. 12517

Akoh, H. *see* Sato, H. 32887

Akopian, D., Astola, J. Pipeline processor for fast architecture oriented regular DCT-IDCT algorithm 15286

Akopian, D. *see* Astola, J. 52402

Akopian, D. *see* Imed Ben Dhaou 56979

Akopian, D.A., Vainio, O., Agaian, S.S., Astola, J.T. SBNR processor for stack filters 31393

Akopov, M.G. Construction of a lower confidence bound for the probability of failproof operation of a system with a monotonic structure 10202

Akopyan, A.V. Resonance radiation in electromagnetic wave scattering by a fast electron in the external magnetic field 14543

Akos, D.M., Tsui, J.B.Y. Design and implementation of a direct digitization GPS receiver front end 27109

Akpebu, B., Benz, T. Coupling of impulsive interference through switched-mode power supplies. I 11168

Akpebu, B., Benz, T. Coupling of impulsive interference through switched-mode power supplies. II 11169

Akra, M.A., Mitter, S.K. Waveform recognition in the presence of domain and amplitude noise 25619

Akridge, J.R. *see* Jones, S.D. 29594

Akritas, A.G., Akritas, E.K., Malaschonok, G.I. Various proofs of Sylvester's (determinant) identity 21152

Akritas, E.K. *see* Akritas, A.G. 21152

Akroune, M. *see* Dami, M.A. 9144

Aksay, I.A., Groves, J.T., Gruner, S.M., Lee, P.C.Y., Prud'homme, R.K., Shih, W.-H., Torquato, S., Whitesides, G.M. Smart materials systems through mesoscale patterning 2997

Akselrod, S. *see* Zimmer, Y. 28224

Akselrod, S. *see* Zimmer, Y. 56912

Aksenov, G.A., Banzarov, V.S., Bolshakov, T.B., Chertovskikh, A.G., Levitan, S., Logashenko, I.B., Maksimov, A.V., Merzlyakov, Yu.I., Monich, V.A., Shilo, V.V., Solodov, E.P., Sorokin, I.V., Thompson, J.A., Valine, C.M., Zavarzin, V.G. Transputer based data acquisition system for the CMD-2 detector 36440

Aksenov, I. *see* Katsumata, H. 2314

Aksenov, I.I., Belous, V.A., Khoroshikh, V.M. Formation of filtered intense vacuum-arc plasma flows 23220

Aksenov, I.I., Khoroshikh, V.M. Radial ion flows in a vacuum-arc plasma 23221

Aksenov, Y. *see* Kane, C. 60674

Aksoy, S., Altas, I.H., Eker, M.K. A reduced order rotor time constant and flux estimator for vector controlled induction motor 9573

Akstipetrov, O.A. *see* Murzina, T.V. 3344

Aksu, H.A., Salehi, M. On joint TCQ/TCM system optimization 34520

Aksu, H.Arda *see* Arda Aksu, H.

Aksun, M.I. *see* Alatan, L. 34361

Aksun, M.I. *see* Gurel, L. 34015

Aksyonov, A.M. *see* Germanenko, I.N. 14505

Aksyonov, V.A., Ivanov, G.A., Isaev, V.A., Isaikina, E.D., Nametov, K.M., Chamorovsky, Yu.K.

Development and characterization of "bow-tie" single-mode optical fibers 3371
Aktas, C.A. Deployment of PhoneMail™ with speech recognition in Germany 46986
Aktas, O., Fan, Z.F., Mohammad, S.N., Botchkarev, A.E., Morkoc, H. High temperature characteristics of AlGaN/GaN modulation doped field-effect transistors 13025
Aktas, O. *see* Kim, W. 30832
Aktas, O. *see* Morkoc, H. 12362
Aktsipetrov, O.A., Fedyanin, A.A., Downer, M.C. DC-electric-field induced second-harmonic generation studies of surfaces and buried interfaces of column IV semiconductors 33695
Aktsipetrov, O.A. *see* Dadap, J.I. 24259
Akturan, R. *see* Hsin-Piao Lin 6615
Akulov, V.V. *see* Kir'yanov, K.G. 7609
Akulova, Y.A., Thibeault, B.J., Ko, J., Coldren, L.A. Low-temperature optimized vertical-cavity lasers with submilliamp threshold currents over the 77-370 K temperature range 33532
Akulova, Y.A., Thibeault, B.J., Ko, J., Coldren, L.A. Intracavity-contacted vertical-cavity lasers with submilliamp threshold currents over 77-300 K temperature range 55649
Akulova, Y.A., Thibeault, B.J., Ko, J.C., Goobar, E., Coldren, L.A. Cryogenic vertical-cavity laser for low power free-space optical interconnects 44530
Akutagawa, S. *see* Kanai, Y. 22653
Akutso, T. Artificial heart history and present status 18525
Akutsu, A. *see* Minami, K. 58593
Akutsu, T. *see* Pesce, A. 21694
Akyildiz, I.F., Hrastar, S., Uzunalioglu, H., Yen, W. Comparison and evaluation of packing schemes for MPEG-2 over ATM using AAL5 5924
Akyildiz, I.F. *see* Levine, D.A. 36016
Akyildiz, I.F. *see* Liebeherr, J. 5958
Akyol, B.A., Cox, D.C. Rerouting for handoff in a wireless ATM network 6517
Akyol, B.A., Cox, D.C. Signaling alternatives in a wireless ATM network 25839
Akyol, B.A., Cox, D.C. Rerouting for handoff in a wireless ATM network 47665
Akyurt, M. *see* Lamfou, N.J. 29103
Al Hayek, G., Robach, C. From specification validation to hardware testing: a unified method 36432
Al Hayek, G. *see* Le Traon, Y. 31240
Al Jabri, A. Security of private-key encryption based on array codes 4526
Al Jabri, A.K. The unicity distance: an upper bound on the probability of an eavesdropper successfully estimating the secret key 4531
Al Jabri, A.Kh. Analysis of message waiting time over meteor-burst communication networks 58262
Al Usta, K. *see* N'Guy, K. 33196
Al Zahawi, B.A.T. *see* Jiang, H. 19909
Al Zahawi, B.A.T. *see* Knowles-Spittle, C. 20119
Al Zahawi, B.A.T. *see* Pearce, J.M. 9085
Al Zahawi, B.A.T. *see* Tian, X. 19795
Al-Abbas, I.K., Qazem, J.M. Transient state performance motor with skin effect 9242
Al-Ademi, A.A.F. *see* Bhatti, T.S. 50389
Al-Ademi, A.A.F. *see* Bhatti, T.S. 60621
Al-Affan, I.A.M., Smith, C.W. Radiation quality of scattered photons at the maze entrance of radiotherapy rooms for photon beams of energy 0.5-30 MeV 18569
Al-Ahmad, H., Ahmed, K. A novel technique for initializing digital IIR filters with a finite number of samples at a single frequency 53452
Al-Ahmad, H. *see* Musa, M.A. 31386
Al-Ahmar, M.A. *see* Abdel-Halim, I.A.M. 38728
Al-Akaidi, M. Neural network evaluation for speech coder CELP 35857
Al-Akaidi, M. An alternative source of energy [solar tracking system] 39231
Al-Akaidi, M.M. Simulation model of the vocal tract filter for speech synthesis 34657
Al-Akaidi, M.M. Analysis of speech coder using neural network 45689
Al-Akaidi, M.M. A new technology for flat LCD displays 55320
Al-Akaidi, M.M. *see* Fletcher, W.H. 45707
Al-Akayshee, H., Al-Hasson, M.A., Joorabian, M. Multi-mode operation of a computer-based thermal generating unit 19535
Al-Alawi, R. Hardware implementation of probabilistic logic neurons with on-chip learning capability 53508
Al-Alawi, S.M. *see* Ellithy, K.A. 60277
Al-Ani, Z.T., Al-Araji, S.R. Performance of a bus type CSMA-CD local area network under heavy loads 57811
Al-Aql, A.A., Dughaish, Z.H. Effect of energy variation of proton beam on sharpening nitinol electrical resistivity increase at the martensitic transformation 30955
Al-Arainy, A.A., Jayaram, S., Cross, J.D. Pulsed corona for removing volatile impurities from drinking water 21009
Al-Arainy, A.A. *see* Lubicki, P. 51911
Al-Araji, S.R. *see* Al-Ani, Z.T. 57811
Al-Ashwal, A.M. Bond graph steady state model applied to power system analysis 8748
Al-Attabi, A.F., Fouracre, R.A., Al-Najmawi, J.S. Comparison of low frequency dielectric measurements, thermally stimulated discharge currents and DC characteristics for polyethersulphone 32625
Al-Bader, S.J. *see* Jamid, H.A. 24536
Al-Bahadly, I.H. *see* Acarnley, P.P. 61165
Al-Bahrani, A.H. Induction machine transient model using complex variables and trapezoidal integration 29303
Al-Baiyat, S. *see* Farag, A.S. 50351
Al-Banna, S. *see* Lumpp, J.K. 22626
Al-Biyat, S.A. *see* Rashid, M.H. 20543
Al-Charchafchi, S.H., Raimi Ibrahim, M. An experimental investigation of flat radome-loaded microstrip patch antennas 56227
Al-Dabass, D. *see* Hu, Z. 1597
Al-Dabbagh, A. *see* Wu, Y. 15214
Al-Dhahir, N. A computationally efficient FIR MMSE-DFE for CCI-impaired dispersive channels 26567
Al-Dhahir, N. Analytical performance evaluation of MMSE-DFE on twisted-pair lines 47517
Al-Dhahir, N., Cioffi, J.M. Mismatched finite-complexity MMSE decision feedback equalizers 46550
Al-Dhahir, N., Hershey, J.E., Saulnier, G.J. Uplink power control based on receiver noise measurements in satellite communication systems 6674
Al-Duwaish, H. *see* Hamid, A.-K. 34026
Al-Fatih, R. *see* Sharaf, A.M. 19305
Al-Ghoniemy, M.B. *see* El-Khamy, S.E. 56483
Al-Haddad, K. *see* Mendalek, N. 19133
Al-Haddad, K. *see* Singh, B. 19132
Al-Haddad, K. *see* Singh, B. 51105
Al-hajery, E., Hariri, S. An application-oriented communication protocol for ATM networks 25936
Al-Haji Hassan *see* Hassan Al-Haji
Al-Hamouz, Z. Finite element solution of monopolar corona as influenced by ion life time 38388
Al-Hamouz, Z., Abdel-Salam, M., Al-Shehri, A. Inception voltage of corona in bipolar ionized fields-effect on corona power loss 38327
Al-Hamouz, Z., Abdel-Salam, M., Mufti, A. Improved calculation of finite element analysis of bipolar corona including ion diffusion 38387
Al-Hamouz, Z. *see* Abdel-Salam, M. 50526
Al-Hamouz, Z.M. Adaptive finite-element ballooning analysis of bipolar ionized fields 28863
Al-Hashemy, B.A.R. *see* Mohammed, I.A. 33832
Al-Hashimi, B.M. *see* Holdcroft, D. 31387
Al-Hassawi, W.M., Abbasi, N.H., Mansour, M.M. A neural-network-based approach for fault classification and faulted phase selection 19321
Al-Hasson, M.A. *see* Al-Akayshee, H. 19535
Al-Hayek, G., Le Traon, Y., Robach, C. Impact of system partitioning on test cost 31220
Al-Holou, N., Abdallah, M. Teaching introduction to electric circuits using computer-based instruction for manufacturing engineering students 20461
Al-Hujazi, E., Al-Nashash, H. ECG data compression using Hebbian neural networks 49594
Al-Husban, A.N. *see* Khalifa, I.H. 9269
Al-Hussaini, E.K., El-Far, Y.A. Decentralized nonparametric detectors 56534
Al-Hussaini, E.K. *see* El-Ayadi, M.H. 45871
Al-Husseini, J.L. *see* Desaulnier, W.E., Jr. 30335
Al-Ismaily, H.A., Probert, S.D. Prospects for harnessing wind-power economically in the Sultanate of Oman 50871
Al-Janabi, M., Kale, I., Morling, R.C.S. Measurement and characterisation of MASH bandpass sigma-delta modulators for direct IF analog to digital conversion 1538
Al-Jassim, M.M. *see* Tsuo, Y.S. 39205
Al-Johani, K.M. *see* Al-Rabghi, O.M.A. 29892
Al-Kabbani, A.S.S. *see* El-Shahat, I.A. 53670
Al-Kabbani, A.S.S. *see* Soliman, F.A.S. 53669
Al-Kadi, I.A. International telecommunication technology transfer 57701
al-Kady, I.A. *see* Bakry, S.H. 57946
Al-Kandari, A.M. *see* Soliman, S.A. 8742
Al-Kandari, A.M. *see* Soliman, S.A. 9089
Al-Kandari, A.M. *see* Soliman, S.A. 60428
Al-Ketbi, M. *see* Sharaf, A.M. 19305
Al-Khalili, A. *see* Shehata, S. 53307
Al-Khalili, A.J. *see* Ahmad, H. 23053
Al-Khalili, A.J. *see* Pagey, S. 1266
Al-Khalili, A.J. *see* Pagey, S. 53111
Al-Khalili, A.J. *see* Pillai, R.V.K. 11280
Al-Khalili, A.J. *see* Shehata, S. 11500
Al-Khalili, D., Kechichian, K., Liqin Dong Synthesis of low power CMOS digital circuits based on fully restored pass logic 11318
Al-Khalili, D. *see* Inkol, R. 19027
Al-Khalili, D. *see* Pillai, R.V.K. 11280
Al-Kofahi, I.S., Zhang, J.F., Groeseneken, G. Continuing degradation of the SiO_2/Si interface after hot hole stress 32091
Al-Kotb, M.S. *see* Kotkata, M.F. 22288
Al-Kuran, S. GaAs switched capacitor voltage converter 29427
Al-Mahdawi, T., Seguin, G., Mishra, S. Development and validation of non-vertical cylindrical near-field scanning technique 34199
Al-Mashouq, K., Al-Obaid, A., Alshebeili, S. Adaptive pre-equalization using neural-like algorithm 47507
Al-Mashouq, K.A. Noise tolerance of output-coded neural net 45695
Al-Mashouq, K.A. Prediction of neural net tolerance to noise 56347
Al-Mazedi, H. *see* Habib, K. 31018
Al-Mohimeed, M.A., Li, C.C. Application of shift-invariant wavelet transform to video coding 46212
Al-Mubarak, M. *see* Mehic, N. 35773
Al-Mulhim, M.A. *see* Durga Prasad, G. 50334
Al-Musallam, F., Al-Zanaidi, M., Grossmann, C. A grid generator for problems on unbounded intervals with rationally decaying solutions 40226
Al-Mutawa, A. *see* Badri, M.A. 60331
Al-Naami, R. A ring network with two tokens 47128
Al-Naima, F.M. *see* Raouf, S.S. 6690
Al-Najmawi, J.S. *see* Al-Attabi, A.F. 32625
Al-Nashash, H. *see* Al-Hujazi, E. 49594
Al-Noman, A.Ali *see* Ali Al-Noman, A.
Al-Nuaimi, M.O. *see* Pugliese, J.P. 34097
Al-Nuaimy, E.A., Marshall, J.M. Excimer laser crystallization and doping of source and drain regions in high quality amorphous silicon thin film transistors 12962
Al-Numay, M., Taylor, D.G. Piecewise-linear methods for digital control of input-switched PWM systems 1136
Al-Obaid, A. *see* Al-Mashouq, K. 47507
Al-Ohaly, A.A., Hamouda, R.M., Badr, M.A. Torsional oscillations associated with the starting of three phase synchronous motors from a single phase supply 38712
Al-Omari, I. *see* Sellmyer, D.J. 55031
Al-Orainy, A.A., O'Reilly, J.J. Influence of receiver threshold setting and source extinction ratio on the performance of spectrum sliced WDM systems 26682
Al-Qahtani, H. Investigation of utilization solar cell energy for water desalination by reverse osmosis process in the State of Bahrain 20283
Al-Qaq, W.A. *see* Freebersyser, J.A. 5819
Al-Rabghi, O.M. *see* Lamfou, N.J. 29103
Al-Rabghi, O.M.A., Al-Johani, K.M. Utilizing transfer function method for hourly cooling load calculations 29892
Al-Raweshidy, H.S., Muhammad, F.A., Senior, J.M. D-fibre antenna for microcellular mobile communication systems 16625
Al-Rawi, A. *see* Shwehdi, M.H. 8941
Al-Rawi, G. *see* Afandi, A. 1696
Al-Ruwaihi, K.M. A floating voltage-controlled linear resistor and its application to active RC filters 53420
Al-Ruwaihi, K.M., Hindy, M.A. Analysis of a digital microstrip optical switch: a novel method 44299
Al-Sabti, F. *see* Habib, K. 31018
Al-Said, E.A. Spline solutions for system of second-order boundary-value problems 536
Al-Saleh, M.A. *see* Sleem-Ur-Rahman 51552
Al-Salman, S.M. *see* Jibrail, W.W.S. 6469
Al-Sammak, A.I. *see* Rezwan Khan, M. 39270
Al-Saud, W.A.A., El-Hennawey, M.S., Boraie, M.T. A new GCR waveform for deghosting TV signals 17045
Al-Semari, S.A., Fuja, T.E. I-Q TCM: reliable communication over the Rayleigh fading channel close to the cutoff rate 26610
Al-Semari, S.A., Fuja, T.E. I-Q trellis coded modulation for the Rayleigh fading channel 34519
Al-Semari, S.A., Guizani, M. Capacity of slotted ALOHA in generalised fading environments 5832
Al-Shahrani, S.M. *see* Abuelma'atti, M.T. 31145
Al-Shareef, H.N., Dimos, D., Tuttle, B.A., Raymond, M.V. Metallization schemes for dielectric thin film capacitors 41542
Al-Shaykh, O.K., Mersereau, R.M. Restoration of lossy compressed noisy images 5164
Al-Shaykh, O.K., Mersereau, R.M. Lossy compression of images corrupted by film grain noise 56988
Al-Shehri, A. *see* Al-Hamouz, Z. 38327
Al-Shoshan, A.I., Chaparro, L.F. Identification of non-minimum phase systems using evolutionary spectral theory 24921
Al-Sultan, K.S. *see* Pulak, M.F.S. 10199
Al-Tai, M.A. *see* El-Sayed, M.M. 19409
Al-Tai, M.A. *see* Maniatt, H.R. 19413
Al-Tawil, K.M., Abd-El-Barr, M., Ashraf, F. A survey and comparison of wormhole routing techniques in a mesh networks 46819
Al-Tayie, J.K. *see* Acarnley, P.P. 39277
Al-Tayie, J.K. *see* Acarnley, P.P. 51711
Al-Zakri, A.S. *see* Sleem-Ur-Rahman 51552
Al-Zanaidi, M. *see* Al-Musallam, F. 40226
Al-Zanaidi, M.A. *see* Chawla, M.M. 607
Al-Zanaidi, M.A. *see* Chawla, M.M. 30423
Al-Zubaidy, S., Bhinder, F.S. Towards optimizing the efficiency of electrical power generation 29114
Ala, G., Buccheri, P. Scattering effects of large earth electrodes in the EM lightning fields 8962
Ala-Laurinaho, J. *see* Raisanen, A. 56169
Ala-Siuru, P., Kurki, M. Case-based reasoning applied to fault diagnostics in GSM telecommunication networks 57739
Alaamer, A.S. *see* Fleming, J.S. 37745
Alabbas, A.M., Saleem, M.H. Effect of electricity pricing (tariffs) variations on consumption and demand of residential dominated system. I. Calculation of power demand for the various sectors 8759
Alabedra, R. *see* Salesse, A. 54079
Aladenize, B. *see* Coelho, R. 38374
Aladjem, M. Linear discriminant analysis for two classes via removal of classification structure 45730

Alaettinoglu, C., Matta, I., Shankar, A.U. A scalable virtual circuit routing scheme for ATM networks 46827
Alagar, S., Venkatesan, S. Causal ordering in distributed mobile systems 47093
Alahelisten, A. *see* Hogmark, S. 21345
Alain, V., Blanchard-Desce, M., Chen, C.-T., Marder, S.R., Fort, A., Barzoukas, M. Large optical nonlinearities with conjugated ferrocene and ruthenocene derivatives 24162
Alajaji, F., Burlina, P., Chellappa, R. MAP decoding of gray-level images over binary channels with memory 57089
Alajaji, F. *see* Chen, P.-N. 45501
Alajaji, F. *see* Po-Ning Chen 34506
Alam, M., Popovich, S. Performance modeling and analysis of WANs using COMNET II.5 47189
Alam, M. *see* Valeroso, E.S. 57575
Alam, M.F., Karim, M.A., Islam, S. Dependence of external optical feedback sensitivity on structural parameters of DFB semiconductor lasers 3860
Alam, M.F., Karim, M.A., Islam, S. Effects of structural parameters on the external optical feedback sensitivity in DFB semiconductor lasers 33567
Alam, M.R., Kumar, A., Shu, N., Chan, H.L., You, Q. Preparation of TiNi ferroelastic-ferroelectric thin film heterostructures 40628
Alam, M.R. *see* Shu, N. 43495
Alam, M.S., Gu, Y.A. Joint transform correlation using correlation plane data fusion 5273
Alam, M.S., Koshiba, M., Hirayama, K., Hayashi, Y. Hybrid-mode analysis of multilayered and multiconductor transmission lines 45261
Alam, M.S. *see* Majumder, S.P. 6832
Alam, M.S. *see* Majumder, S.P. 36094
Alam, S.K., Ophir, J. Reduction of signal decorrelation from mechanical compression of tissues by temporal stretching: applications to elastography 49562
Alam, Z. *see* Smith, B.W. 22667
Alam, Z. *see* Smith, B.W. 42841
Alameh, K.E., Minasian, R.A. A numerical model for the complex susceptibility of saturated erbium-doped amplifiers 55532
Alammari, R. *see* Lo, K.L. 8743
Alammari, R. *see* Lo, K.L. 8835
Alammari, R. *see* Tumay, M. 9589
Alamo, C.M.Del *see* Del Alamo, C.M.
Alamo, J.A.del *see* del Alamo, J.A.
Alamo, J.del *see* del Alamo, J.
Alamo y Del Sarmiento, J.L.Del *see* Del Alamo y Del Sarmiento, J.L.
Alander, J.T. Interval arithmetic and genetic algorithms in global optimization 21111
Alander, J.T., Setala, H., Karonen, A. Cutaneous blood circulation monitoring by IR imaging and image processing 37620
Alanen, J., Haapalainen, J., Kvist, M., Orava, S. The repeatability of plantar pressures measured with the electro mechanical film 37609
Alang-Rashid, N.K. *see* Heger, A.S. 29024
Alani, A., Dislis, C., Jalowiecki, I. Burn-in economics model for multi-chip modules 12038
Alani, A. *see* Pratapneni, S. 53084
Alanis, M. Teaching MIS courses via satellite: an alternative for smaller campus 52037
Alanzo Whyte, V.A. *see* Saulnier, G.J. 47558
Alaoui, L.C. *see* Lahmar, D. 9577
Alarcon, J. *see* Adam, A. 37280
Alarcon, R. *see* Zwart, T. 36368
Alata, O., Baylou, P., Najim, M. Multiple resolution image segmentation using four QP supports of 2D autoregressive model 56775
Alatan, A.Aydin *see* Aydin Alatan, A.
Alatan, L., Aksun, M.I., Birand, M.T. Computationally efficient analysis and design of printed structures 34361
Alause, H. *see* Grasdepot, F. 36766
Alause, H. *see* Knap, W. 54169
Alaux, B. *see* Marcadal, C. 40645
Alava, J.I., Oritz de Urbina, G., Solozabal, R., Vaiero, J.M. Biodeterioration of electronic circuits by bacteria, fungi and algae 371
Alavi, K. *see* Badakhshan, A. 42652
Alavi, K. *see* Hilber, W. 42105
Alavie, T. *see* Berger, S. 36623
Alavie, T. *see* Li, L. 48603
Alaya, S. *see* Mimila-Arroyo, J. 52633
Alba, E., Troya, J.M. Genetic algorithms for protocol validation 16106
Alba, M.B. *see* Milella, E. 36961
Alba, M.B. *see* Penza, M. 58888
Alba, P.S. *see* Aiazzi, B. 15621
Alba, P.S. *see* Aiazzi, B. 28209
Alba, P.S. *see* Aiazzi, B. 56730
Alba, R. *see* Ciavola, G. 49283
Albach, M. Flyback converter with capacitively coupled boost power stage 60887
Albach, M. *see* Duerbaum, Th. 51083
Albagli, A., Dawson, P., Hasnain, S. Competitive science and technology intelligence 20733
Albaharna, O.T., Cheung, P.Y.K., Clarke, T.J. On the viability of FPGA-based integrated coprocessors 21721
Albanese, A., Blomer, J., Edmonds, J., Luby, M., Sudan, M. Priority encoding transmission 24689
Albanesi, M.G. Wavelets and human visual perception in image compression 5582
Albani, M., Capolino, F., Maci, S., Tiberio, R. Diffraction at a thick screen including corrugations on the top face 33920
Albani, M. *see* Capolino, F. 34214
Albani, M. *see* Capolino, F. 34403
Albanna, S., Lumpp, J.K. Electroless copper plating on laser patterned aluminum nitride 53813
Albans, M., Capolino, F., Piazzesi, P., Maci, S., Tiberio, R. Scattering from a corrugated thick screen 33941
Albareda, A., Perez, R. Nonlinearities of disc ceramic resonators 55002
Albareda, A. *see* Perez, R. 32777
Albarran, M.de las Mercedes Gomez *see* de las Mercedes Gomez Albarran, M.
Albayrak, O. *see* Xiaoping Yun 36905
Albe, F. *see* Lutz, Y. 4116
Albeck, Y. *see* Lewis, A. 55869
Albella, J.M. *see* Garcia Poza, M.M. 10868
Albella, J.M. *see* Najmi, O. 54898
Alber, C. *see* Ware, R. 47878
Alberdi, J., Barcala, J.M., Chvatchkine, V., Ioudine, I., Molinero, A., Navarrete, J.J., Yuste, C. A fax-machine amorphous silicon sensor for X-ray detection 37564
Alberdi, J. *see* Adam, A. 37280
Alberg, H. *see* Ohlsson, N. 16199
Alberkrack, J.H., Somerville, T.A. Fast charge controller IC for NiCd and NiMH batteries offers multiple termination methods 51200
Albers, J.N. *see* Ramakrishnan, V. 26702
Albers, K. Modern systems of control technology–benchmark for the new concepts of network shaping and operational guidance 38255
Albers, R.C. *see* Chen, S.P. 54023
Albersmann, J., Grein, W., Wilke, M. Intuitive description of networks 8827
Albert, B., Jayasumana, A.P. The effects of data locality on FDDI-based schemes at gigabit speeds 47205
Albert, G.W., Zhou, R., Leung, E.M., Salazar, K.V., Holesinger, T.G., Daugherty, M.D., Willis, J.O. Bi-2212/Ag tape conductor and coil development 43848
Albert, G.W. *see* Leung, E.M.W. 60439
Albert, J., Hill, K.O., Johnson, D.C., Bilodeau, F., Rooks, M.J. Moire phase masks for automatic pure apodisation of fibre Bragg gratings 13568
Albert, J. *see* Theriault, S. 58806
Albert, O. *see* Loulergue, J.C. 17850
Albert, S. *see* Petkie, D.T. 48372
Albert, T. The application of reverse geometry X-ray technology for PCB inspection 39914
Albert, W.C. Monolithic quartz structure vibrating beam accelerometer (VBA) prototype test results 17308
Alberta, A. *see* Mayor, S. 18768
Albertazzi, E., Lulli, G. Monte Carlo simulation of ion implantation in crystalline SiC 31883
Albertazzi, E. *see* Bianconi, M. 54356
Alberti, G., Cherubini, F., Palombari, R. Amperometric solid-state sensor for NO and NO_2 based on protonic conduction 48720
Alberti, G., Esposito, S., Vetrella, S. ERS-1/ERS-2 tandem data: early interferometric application over the Sannio-Matese area 28595
Alberti, G. *see* Zelli, C. 50026
Alberti, S. *see* Soumagne, G. 1933
Albertini, F. *see* Pareti, L. 3131
Albertini, F. *see* Solzi, M. 3130
Albertini, J.B. *see* Cortial, F. 43703
Albertini, M. *see* Mary, D. 2980
Al'bertinskii, B.I. *see* Aleksandrov, G.N. 19794
Albertri, M.A., Bertoni, A., Campadelli, P., Grossi, G., Posenato, R. A neural algorithm for MAX-2SAT: performance analysis and circuit implementation 53496
Alberts, V., Zweigart, S., Schock, H.W. Preparation of device quality $CuInSe_2$ by selenization of Se-containing precursors in H_2Se atmosphere 40440
Alberts, V. *see* Herbernholz, R. 12323
Albertz, D., Dappen, S., Henneberger, G. Calculation of the induced currents and forces for a hybrid magnetic levitation system 51761
Albesano, D., Gemello, R., Mana, F. Recurrent network automata for speaker independent connected digit recognition 56402
Al'betkov, S.V. *see* Podosenov, S.A. 33817
Albicki, A. *see* Thomsen, S.P. 1310
Albicki, A. *see* Yu Fang 13064
Albicocco, M. *see* Rossi, P. 18092
Albin, D., Rose, D., Swartzlander, A., Moutinho, H., Hasoon, F., Asher, S., Matson, R., Sheldon, P. The effect of source microstructure on the close-space sublimation of CdTe thin films for solar cell applications 40548
Albin, D.S. *see* Rose, D.H. 39060
Albin, S., Jianli Zheng, Cooper, J.B. Application of polycrystalline CVD diamond films to the enhancement of frequency response of a flow sensor 27501
Albiol, A., Mossi, J.M., Naranjo, V., Vergara, L. Two-dimensional LMS adaptation strategies for nonstationary signals 45865
Albiol, A. *see* Prades-Nebot, J. 46361
Albiol, F. *see* Allport, P.P. 37375
Albiol, F. *see* Beringer, J. 37394
Albouhamid, E.M. *see* Bennour, I.E. 1028
Albrecht, E. *see* Adam, W. 59267
Albrecht, G., Farouki, R.T. Construction of C^2 Pythagorean-hodograph interpolating splines by the homotopy method 513
Albrecht, G.F. *see* Sutton, S.B. 3733
Albrecht, H. *see* Feve, J.P. 24164
Albrecht, H.-H., Zisky, N., Schumny, H. Metrological investigation of high-resolution A/D converters 1529
Albrecht, H.-J. Advanced solder materials for electronic assemblies 41644
Albrecht, H.-J., Gamalski, J. Fatigue properties of BGA solder joints: a comparison of thermal and power cycle tests 20930
Albrecht, H.-J. *see* Hauck, T. 20892
Albrecht, H.-S., Rebhan, U., Mann, K., Ohlenbusch, J. Measurement and evaluation methods for beam characterization of commercial excimer lasers 55786
Albrecht, I. *see* Schulze, S. 23046
Albrecht, I. *see* Schulze, S. 23065
Albrecht, I. *see* Schulze, S. 23066
Albrecht, J. *see* Beyer, R. 43228
Albrecht, J.D. *see* Fung, A.K. 32438
Albrecht, M. Reference material RM 7811-6 for identification cards with high coercivity magnetic stripes 32885
Albrecht, M., Christiansen, S., Michler, J., Strunk, H.P., Hansson, P.O., Bauser, E. Locally varying chemical potential and growth surface profile: a case study on solution grown Si(Ge)/Si 10778
Albrecht, M., Christiansen, S., Strunk, H.P. Misfit grainlets: point strain sources compensating misfit during epitaxial growth 40303
Albrecht, M. *see* Aldabergenova, S.B. 10910
Albrecht, M. *see* Bergmann, R. 20043
Albrecht, M. *see* Gama de Abreu, M. 7862
Albrecht, M. *see* Krinke, J. 31800
Albrecht, M. *see* Ohnesorge, B. 2216
Albrecht, M. *see* Silva, A. 7187
Albrecht, M. *see* Strunk, H.P. 718
Albrecht, M. *see* Voigt, A. 10772
Albrecht, O., Matsuda, H., Eguchi, K., Nakagiri, T. Construction and use of LB deposition machines for pilot production 21323
Albrecht, P. The common basis of the theories of linear cyclic methods and Runge-Kutta methods 10525
Albrecht, P. *see* Heidrich, H. 47997
Albrecht, P. *see* Lilienblum, T. 15539
Albrecht, R.F. *see* Pearson, D.W. *(editor)* 29944
Albrecht, T.R. *see* Reiley, T.C. 3212
Albregtsen, F. *see* Luren Yang 57149
Albregtsen, F. *see* Wang Xinli 15718
Albregtsen, F. *see* Yang, L. 18201
Albregtsen, I., Nielsen, B. Fractal dimension and lacunarity estimated by sequential 1D polygonization of 2D images 15719
Albridge, R.G. *see* Tolk, N.H. 2392
Albritton, J. *see* Beck, W.A. 48660
Albu, C., Almquist, L.-O., Kirkhorn, T., Bolmsjo, M., Holmer, N.-G. Hyperthermia induced by high energetic ultrasound for controlled tissue destruction 37863
Albu, M., Arie, A., Grigorescu, S. Walsh functions based algorithm for distance protection, relay characteristic in Walsh domain 19397
Albul, A.V. *see* Akimov, B.A. 42020
Albulet, M., Radu, S. Analysis and design of resonant bridge combiners 26479
Albuquerque Araujo, A.de *see* de Albuquerque Araujo, A.
Albutov, A.A., Lileev, A.S., Menushenkov, V.P., Shmakov, P.S., Gabai, A.M. Design of the Nd-Fe-B-based alloys with improved thermal stability of structural and mechanical properties 3239
Alcala, E.M., Aroca, C., Lopez, E., Sanchez, M.C., Sanchez, P. A pressure and distance sensor based on magnetic circuits 7276
Alcala, E.M., Lopez, E., Aroca, C., Sanchez, M.C., Sanchez, P. Hydrogen induced anisotropy in magnetic amorphous ribbons 43625
Alcala, E.M. *see* Dufour, J. 935
Alcala, J.M. *see* Lora, C.S. 19758
Alcala, J.R. *see* Shih-Chu Liao 17551
Alcazar Bermudez, F.J. *see* Fernandez Merono, J.M. 47148
Alci, M. *see* Horrocks, D.H. 25184
Alciatore, D.G., Pasquini, R.M. Variable focus three-dimensional laser digitizing system 4175
Alciatore, D.G. *see* Guess, T.M. 9684
Alcober, J., Casares, V. Multi-site model and simulation of trunking systems 47646
Alcock, R.J. *see* Pham, D.T. 39875
Alcouffe, F. *see* Duret, D. 8292
Alcubilla, R. *see* Jimenez, V. 53256
Alcubilla, R. *see* Pallares, J. 22310
Aldabergenova, S.B., Albrecht, M., Tauasarov, K., Stenkamp, D., Taurbaev, T.I., Dietrich, B., Strunk, H.P. On the nanostructure of hydrogenated silicon 10910
Aldana, F. *see* Cobos, J.A. 40919
Aldana, F. *see* Sebastian, J. 51226
Aldana, J.F. *see* Cotta, C. 21105
Aldanondo, M., Clermont, P. Design for reactivity: a complementary approach for integrated design 39708
Aldao, C.M. *see* Iguain, J.L. 784
Aldao, C.M. *see* Iguain, J.L. 54042
Aldea, C. *see* Martinez, P.A. 40949
Aldea, E. *see* Ferrari, A. 42504

Alden, R.W., III *see* Schoenbach, K.H. 50227
Alder, C. *see* Yusoff, M.M.B.M. 24473
Alder, M. *see* Lim, G. 56996
Alder, M. *see* Yaxin Zhang 24838
Alderighi, M., D'Angelo, S., d'Ovidio, F., Gummati, E., Sechi, G.R. An advanced neuron model for optimizing the SIREN network architecture 25038
Alderman, G. Self regulation versus inspection: the quality debate in British higher education 9844
Alderman, J. *see* Desmond, D. 27460
Alderman, J. *see* Garde, A. 48471
Alderson, K.L. *see* Pickles, A.P. 945
Aldinger, M. A multicarrier scheme for HIPERLAN 47082
Aldraihem, O.J., Wetherhold, R.C., Singh, T. Intelligent beam structures: Timoshenko theory vs. Euler-Bernoulli theory 954
Aldrich, C.C. *see* Mitchell, R.L. 38652
Aldrich, F.K. A case study of NeuroPage: a reminder system for memory-disabled people 59824
Aldrich, G., Suaris, P. Interconnect synthesis: meeting the challenges of high speed design 31578
Aldrich, M.S. *see* Malow, B.A. 59638
Aldrich, W.S., Kappus, M.E., Resmini, R.G., Mitchell, P. HYDICE post-flight data processing 15778
Aldridge, A.J., Smeaton, G.P. Displays for use in coastal waters 61252
Aldridge, C.J., McDonald, J.R., McKee, S. A review of generation scheduling using genetic algorithms 19171
Aldridge, D.C. Litton's 3080E: a reliable, flexible, easy-to-use and maintain voice switching system for today's air traffic control environment 49973
Aldridge, R.V. *see* Bangham, J.A. 5522
Aldroubi, A. *see* Unser, M. 25603
Alecu, L. *see* Turcanu, C.O. 25324
Alecu, M. *see* Alecu, R. 49761
Alecu, R., Feldmeier, J.J., Court, W.S., Alecu, M., Orton, C.G. A method to avoid misadministrations in high dose rate brachytherapy 49761
Aleeva, N.V. *see* Ryzhkov, V.N. 17365
Alegret, S. *see* Bratov, A. 48458
Alegria, C.A., Lee, H.J., Zoccolillo, R. Current trends in access and transport architectures for business customers 16432
Aleixandre, J.G. *see* Cabanas, M.F. 50999
Aleixo, L.M. *see* Nakatani, H.S. 7449
Alejos, O., de Francisco, C., Hernandez, P., Munoz, J.M. A quick and low noise sensitive technique to fit multiexponential responses 52398
Aleksan, R., Amadon, A., Besson, P., Bourgeois, P., Hamel de Montchenault, G., Gaidot, A., Lemaire, M.C., Le Meur, J., London, G., Robert, J.P. A fast RICH prototype with a CsI photocathode 59201
Aleksandrov, A.V., Avilov, M.S., Bak, P.A., Bazhenov, O.Yu., Boimelshtein, Yu.M., Chupyra, A.G., Galimov, R.Kh., Gubin, K.V., Dikansky, N.S., Kazarezov, I.V., Koroznikov, O.V., Kosarev, A.N., Kot, N.Kh., Kuklin, D.Ye., Kulakov, A.A., Kuznetsov, N.A., Logatchev, P.V., Martyshkin, P.V., Mironenko, L.A., Novokhatski, A.V., Pavlov, V.M., Resakov, A.M., Semenov, Yu.I., Sharapa, A.N., Shemyakin, A.V., Shiyankov, S.V., Skarbo, B.A., Skrinsky, A.N., Tokarev, Yu.F., Vasserman, S.B. Electron-positron preinjector of VEPP-5 complex 49205
Aleksandrov, G.N., Al'bertinskii, B.I., Shkuropat, I.A. Operating principles of controllable shunting reactor of transformer type 19794
Aleksandrov, G.N., Gerasimov, Yu.A. Electrical strength of a three-phase insulation system on the tower of a compact overhead transmission line 28927
Aleksandrov, G.N. *see* Ivanov, V.S. 8920
Aleksandrov, K.S. *see* Sorokin, B.P. 13239
Aleksandrov, K.S. *see* Sysoev, A.M. 54939
Aleksandrov, K.V., Vasil'ev, P.S., Lomonosov, B.N., Merzon, G.I., Pervov, L.S., Ryabov, V.A., Starkov, N.I., Tsarev, V.A. The efficiency of detecting Cherenkov photons by a RICH detector with LiF and MgF_2 radiators 17352
Aleksandrov, S.O. *see* Fokin, Yu.A. 28850
Aleksandrov, V.A., Kremen', N.V. Automatic compensation of the inhomogeneities of the total sensitivity of a photodetector device in a thermal-vision system 58827
Aleksandrovskii, A.L. Periodic ferroelectric domain structures for nonlinear optics 13254
Alekseenko, S.S., Ivanov, Y.V. Algorithms for spatial compensation of active radiations for the PAA radars 6962
Alekseev, A.K. On thermal protection memory capacity 21390
Alekseev, A.K. The heat flux measurement method based on isotherm registration 36950
Alekseev, E., Pavlidis, D., Dickmann, M., Hackbarth, T. W-band InGaAs/InP PIN diode monolithic integrated switches 41438
Alekseev, I.V., Bezzubov, S.A., Rusakov, A.I. Building Yaroslavl regional network 6245
Alekseev, K.N., Berman, G.P., Campbell, D.K., Cannon, E.H., Cargo, M.C. Dissipative chaos in semiconductor superlattices 2211
Alekseev, P.N. *see* Abalin, S.S. 9042
Alekseev, V.A., Krylova, D.D. Quantum theory of laser cooling in the Paul trap 48323
Alekseev, V.A., Levin, B.N., Lipatov, B.N., Mel'nikov, V.F., Sizov, A.S., Snegirev, S.D., Tikhomirov, Yu.V. Possibilities of VLBI observation of solar spike-like events 17014
Alekseev, V.N., Blinov, S.V., Vitsinskii, S.A., Divin, V.D., Isakov, V.K., Kotylev, V.N., Liber, V.I., Lovchii, I.L. Copper vapor laser with intracavity radiation scanning by a spatial and temporal light modulator based on PLZT ceramics 13920
Alekseeva, A.N. Effect of short metal waveguides on radiation of a single-mode CO_2 laser 55768
Alekseeva, G.T., Konstantinov, P.P., Kutasov, V.A., Luk'yanova, L.N., Ravich, Yu.I. Nonisovalent substitution of atoms in the cation sublattice of bismuth telluride 12309
Alekseeva, G.T. *see* Kutasov, V.A. 54126
Alekseeva, I.V. *see* Nemish, Yu.N. 52561
Alekseeva, O.V. *see* Gornov, A.O. 20100
Aleksic, O.S. Recent advances in thick films 11995
Aleksic, R.R., Jancic, R.M. Coherent optical fiber bundles production 13583
Aleksic, S.R. *see* Velidkovic, D.M. 53699
Aleksiejunas, R., Ivaska, V. Leaky-mode cylindrical dielectric resonator antenna 45414
Aleksiev, A., Modnikova, E., Fadeyeva, T., Lapayeva, S., Volyar, A. Interaction of the topological phase and the Magnus effect in a multimode fiber 13606
Aleksoff, C.C. 3-D ISAR enhanced opto-electronic processing 27000
Alem, L. *see* Yacef, K. 28585
Aleman-Nieto, A., Raoof, K., Quezel, G. Vector control implementation of an induction motor with a 16 bit DSP card 9218
Alen, J.M. *see* Dorrio, B.V. 17766
Alengrin, G. *see* Ferrari, A. 25008
Aleonard, M.M. *see* Scheurer, J.N. 59353
Alers, G.A. *see* Johnson, W. 36922
Alers, G.B., Krisch, K.S., Monroe, D., Weir, B.E., Chang, A.M. Tunnelling current noise in thin gate oxides 12558
Alers, G.B., Monroe, D., Krisch, K.S., Weir, B.E., Chang, A.M. 1/f noise in the tunneling current of thin gate oxides 43336
Aleshin, Y.D., Goncharov, V.A., Kolesnikov, V.V., Longinov, V.D., Mel'nichenko, I.A., Nekipelova, G.D., Silaev, V.I. MIG-1 automated holographic microscope [for track vertex detector] 18124
Aleshin, Yu.D., Kolesnikov, V.V., Silaev, V.I. An apparatus for monitoring translations of movable elements 17381
Aleshkevich, V.A., Shelukhin, A.I., Zhukarev, A.S. Amplification of optical solitons in active fibres in the presence of spontaneous luminescence noise 33001
Aleshkevich, V.A., Vysloukh, V.A. Perturbations of the parameters of femtosecond optical solitons caused by Raman resonances 24095
Aleshkevich, V.A., Zhukarev, A.S., Skirtach, K.G. Stochastisation of optical solitons by the spontaneous luminescence noise in active optical fibres 3366
Aleshkin, V.Ya. Admittance of a planar distribution of deep levels 32064
Aleshkin, V.Ya., Andronov, A.A., Antonov, A.V., Bekin, N.A., Gavrilenko, V.I., Revin, D.G., Zvonkov, B.N., Lin'kova, E.R., Malina, I.G., Uskova, E.A. Infrared radiation from hot holes during spatial transport in selectively doped InGaAs/GaAs heterostructures with quantum wells 2192
Aleshkin, V.Ya., Bekin, N.A. Electron and hole spectra and selection rules for optical transitions in $Ge_{1-x}Si_x/Ge$ heterostructures 42142
Aleshko-Ozhevskij, O.P. *see* Naumov, V.S. 13235
Alesi, C., Barnea, T., Benanav, D., Lee, E., Martin, J., Peterson, J., Pope, R. Arachne: planning the telephone network at NYNEX 46818
Alesi, C., Barnea, T., Lee, E., Martin, J., Pope, R., Benanav, D., Peterson, J. Arachne: planning the telephone network at NYNEX 26056
Aleskovski, V.B. *see* Drozd, V.E. 52718
Alessandrello, A., Brofferio, C., Bucci, C., Camin, D.V., Caspani, P., Cremonesi, O., Fiorini, E., Giuliani, A., Nucciotti, A., Pavan, M., Pessina, G., Previtali, E., Zanotti, L. Array of bolometric detectors for measurements of double beta decay of ^{130}Te 37480
Alessandrello, A., Brofferio, C., Bucci, C., Camin, D.V., Cremonesi, O., Giuliani, A., Nucciotti, A., Pavan, M., Pessina, G., Previtali, E., Sablich, G. A low DC drift read-out system for a large mass bolometric detector 59340
Alessandrello, A., Brofferio, C., Camin, D.V., Cattadori, C., Cremonesi, O., Fiorini, E., Giuliani, A., Nucciotti, A., Pavan, M., Pessina, G., Previtali, E., Zanotti, L., Bucci, C. Thermal detectors for neutrino physics: results and developments 7819
Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Giuliani, A., Nucciotti, A., Pavan, M., Perego, M., Pessina, G., Previtali, E., Sisti, M. Measuring thermistor resistance with very low d.c. power dissipation 48812
Alessandri, A., Dagnino, S., Marchesoni, M., Mazzucchelli, M., Saccani, P. A neural rotor flux observer for induction motor control 60730
Alessandri, M. *see* Ghidini, G. 42544
Alessandria, F., Cavallari, G., Minestrini, M., Nicol, T.H., Pagani, C., Palmieri, R., Tazzari, S., Varisco, G. Design, manufacture and test of the TESLA-TTF cavity cryostat 49017
Alessandria, F. *see* Calabretta, L. 49145
Alessandroni, V. Low-power programmable peripheral chips 31350
Alessandroni, V. The FPGA as alternative to the mask-programmed gate array 41008
Alessandroni, V. New technology for ultra-high-speed logic 41063
Alessandroni, V. The microcontroller in the variable frequency invertor 51198
Alessanolvoni, V. Microprocessor monitoring of power supplies [ADC application] 38887
Alessi, J.G., Buxton, W., Eng, W., Erickson, B., Gould, O., Kponon, A., LoDestro, V., Mapes, M., McNerney, A., Raparia, D., Russo, T., Skelly, J. Upgrade of the Brookhaven 200 MeV linac 49196
Alessi, J.G. *see* Kponou, A. 49195
Alessi, J.G. *see* Raparia, D. 49197
Alex, V. *see* Abrosimov, N.V. 10642
Alexa, D. Static frequency converter with direct current link and active power filter 38880
Alexa, L.C. *see* Lolos, G.J. 59197
Alexakhin, R.M. *see* Fesenko, S.V. 8519
Alexakhin, R.M. *see* Krouglov, S.V. 8518
Alexan, K. *see* Vaitekunas, D.A. 38166
Alexander, A. *see* Ueda, M. 28010
Alexander, A. *see* Zowarka, R.C. 24416
Alexander, B.B., Penberthy, D.L., McIntosh, I.B., Denton, D. Effects of a learning community program on the first-year experience of engineering majors 20518
Alexander, D. *see* Abboud, F. 22654
Alexander, G.C. *see* Dongsheng Zhou 29212
Alexander, G.C. *see* Gorti, B.V. 19689
Alexander, G.C. *see* Gorti, B.V. 38684
Alexander, G.C. *see* Zhou, D. 50983
Alexander, H. *see* Knobloch, K. 31769
Alexander, J. Cofirable resistors for low temperature ceramic tape 53702
Alexander, J. *see* Kagan, H. 37508
Alexander, J. *see* Shipsey, I. 59232
Alexander, J. *see* Spencer, M.B. 59274
Alexander, J. *see* Tate, M. 26137
Alexander, J.C., Grillakis, M.G., Jones, C.K.R.T., Sandstede, B. Stability of pulses on optical fibers with phase-sensitive amplifiers 55231
Alexander, J.I. *see* Bosenberg, W.R. 24120
Alexander, J.P. *see* Hopman, P.I. 37382
Alexander, J.P. *see* Ward, C.W. 59224
Alexander, M. *see* Alvarez, J. 1193
Alexander, M. *see* Kennedy, A.R. 41232
Alexander, M. *see* Sanchez, H. 41233
Alexander, M.J. Dealing with large EMC uncertainties 14623
Alexander, M.J., Robins, G. New performance-driven FPGA routing algorithms 21628
Alexander, M.J., Salter, M.J. Antenna factors of dipole and monopole antennas 24569
Alexander, M.J. *see* Liang, W. 24609
Alexander, N.C. *see* Broadhead, N. 9021
Alexander, N.C. *see* Ladner, J.E.J. 9028
Alexander, P. If you can't bill for it, forget it [ATM service billing] 5923
Alexander, R., Fedrow, B. CRT monitors repel the FPD challenge 36822
Alexander, R. *see* Burns, K.K. 20870
Alexander, R.B. *see* Ballard, A.W. 50578
Alexander, T. *see* Conroy, B.P. 61143
Alexander, T.P. *see* Teowee, G. 54926
Alexander, W.B. *see* Wickenden, A.E. 40457
Alexander-Buckley, K. *see* Kaye, P.H. 28619
Alexandre, C., Vu Thien, H. Fast motion estimation algorithm 25699
Alexandre, F. *see* Benchimol, J.L. 40373
Alexandre, F. *see* Driad, R. 22770
Alexandre, F. *see* Driad, R. 22951
Alexandre, F. *see* Durand, S. 24880
Alexandre, F. *see* Remm, J.-F. 27078
Alexandrescu, R. *see* D'Anna, E. 901
Alexandrescu, R. *see* De Cesare, G. 832
Alexandrian, M.P. *see* Bunch, T.K. 29121
Alexandridis, A.A. *see* Filis, K.G. 26542
Alexandridis, A.A. *see* Lazarakis, F. 26591
Alexandridis, N. *see* Chalermwat, P. 57223
Alexandrov, A.D., Ibel, M., Schauser, K.E., Scheiman, C.J. SuperWeb: towards a global Web-based parallel computing infrastructure 47215
Alexandrov, I.V., Arkhirejev, V.O., Nesterova, Z.V., Nolan, D.A. Selective switching in a 1×8 fiber coupler due to presence of photowritten gratings 24091
Alexandrov, S.A. Interference refractometer and thicknessmeter 7657
Alexandrov, S.A. Holographic polarization interferometry 14428
Alexandrov, V., Balakin, V., Lunin, A. Experimental test of the adaptive alignment of the magnetic elements of linear collider 37144
Alexandrov, V. *see* Adam, A. 37280
Alexandrov, V.A. *see* Azanov, I.B. 28543
Alexandrov, V.N., Lakka, S. Comparison of three Monte Carlo methods for matrix inversion 10284
Alexandrova, S. *see* Szekeres, A. 32205
Alexandru, H.V., Berbecaru, C., Grancea, Al., Iov, V. KDP prismatic faces: kinetics and the mechanism of their growth from solutions 10589
Alexanian, A., York, R.A. Broadband spatially combined amplifier array using tapered slot transitions in waveguide 21976
Alexay, C.C. *see* Pruchnic, S.J., Jr. 17536
Alexeev, A.N., Karpov, S.Yu., Maiorov, M.A., Myachin, V.E., Pogorelsky, Yu.V., Sokolov, I.A.

Thermal etching of binary and ternary III-V compounds under vacuum conditions 12713
Alexeev, A.N., Karpov, S.Yu., Pogorelsky, Yu.V., Sokolov, I.A. RHEED study of c(4x4)→(2x4) transition on GaAs(001) surface 12221
Alexeev, G., Auffray, E., Baillon, P., Barney, D., Bassompierre, G., Bateman, E., Bell, K.W., Benhammou, Y., Bloch, P., Bomestar, D., Borgia, B., Bourotte, J., Burge, S., Cameron, W., Chipaux, R., Cockerill, D., Connolly, J., Dafinei, I., Denes, P., Depasse, P., Deiters, K., Dobrzynski, L., El Mamouni, H., Faure, J.L., Felcini, M., Finger, M., Fluegel, T., Gautheron, F., Givernaud, A., Gninenko, S., Godinovic, N., Graham, D.J., Guillaud, J.P., Guschin, E., Haguenauer, M., Hillemanns, H., Hofer, H., Ille, B., Jaaskelainen, S., Katchanov, V., Kennedy, B., Kirn, T., Korzhik, M., Lassila-Perini, K., Lebeau, M., Lebrun, P., Lecoq, P., Lecoeur, G., Lecomte, P., Leonardi, E., Locci, E., Loos, R., Ma, D., Martin, F., Mendiburu, J.P., Musienko, Y., Nedelec, P., Nessi-Tedaldi, F., Newbold, D., Newman, H., Oukhanov, M., Pacciani, L., Peigneux, J.P., Pirro, S., Popov, S., Puljak, I., Purves, C., Renker, D., Rondeaux, F., Rosso, E., Rusack, R., Rykaczewski, H., Schmitz, D., Schneegans, M., Schwenke, J., Seez, C., Semeniouk, I., Shagin, P., Shevchenko, S., Shi, X., Sillou, D., Simohand, D., Singovsky, A., Soric, I., Smith, B., Stephenson, R., Verrecchia, P., Vialle, J.P., Virdee, T.S., Zhu, R.Y. Studies of lead tungstate crystal matrices in high energy beams for the CMS electromagnetic calorimeter at the LHC 59200
Alexeeva, M.E. *see* Chang, H. 61055
Alexeeva, N.S. *see* Bologa, M.K. 23108
Alexeff, I., Rader, M. A computer model 1934
Alexeff, I., Rader, M. Stabilization of plasma-filled microwave tubes–a computer model 12094
Alexeff, I., Rader, M. Stabilization of plasma-filled microwave tubes–a computer simulation 31709
Alexeff, I. *see* Weng Lock Kang 4382
Alexenko, A.E. *see* Guseva, M.B. 40609
Alexiades, A.N., Humble, D.A., Young, D.J. Improving system stability 50408
Alexiev, D. *see* Khivrich, V.I. 28020
Alexis, J.P. *see* Briot, O. 21272
Alexis, J.P. *see* Briot, O. 30839
Alexis, J.P. *see* Cloitre, T. 21241
Alexis, J.P. *see* Gilliot, P. 22361
Alexopoulos, D. *see* Bezerianos, A. 49476
Alexopoulos, D. *see* Bezerianos, A. 49632
Alexopoulos, N. *see* Yang, H.Y.D. 33994
Alexopoulos, N.G., Diaz, R.E., Merrill, W.M. Percolation theory in the design of artificial dielectrics 32605
Alexopoulos, N.G. *see* Chinglung Chen 21881
Alexopoulos, N.G. *see* Chinglung Chen 21889
Alexopoulos, N.G. *see* Chinglung Chen 34388
Alexopoulos, N.G. *see* Ming-Ju Tsai 21967
Alexopoulos, N.G. *see* Ming-Ju Tsai 34389
Alexopoulos, N.G. *see* Ming-Ju Tsai 45279
Alexopoulos, N.G. *see* Yang, H.-Y.D. 24552
Alexopoulos, V. *see* Delopoulos, A. 15607
Alexopoulous, N.G. *see* Gloutak, R.T., Jr. 45456
Alexsanian, A.G., Avjian, K.E., Kazarian, R.K., Matevossian, L.A. Photoelectric characteristics of isotype nInSb-nGaAs heterojunction with distinct or smooth interface 31960
Aleyas, M.V. *see* Venkataseshaiah, C. 19806
Alfa, A.S. *see* Frigui, I. 47000
Alfalou, A., Keryer, G., de Bougrenet de la Tocnaye, J.L. Comparison of the performances of single and multichannel binary phase-only matched filters 5451
Alfano, B., Brunetti, A., Covelli, E.M., Quaratnelli, M., Panico, M.R., Ciarmiello, A., Salvatore, M. Unsupervised, automated segmentation of the normal brain using a multispectral relaxometric magnetic resonance approach 28268
Alfano, R.R. *see* Calistru, D.M. 23853
Alfano, R.R. *see* Demos, S.G. 18598
Alfano, R.R. *see* Demos, S.G. 46431
Alfano, R.R. *see* Evans, J.M. 3753
Alfano, R.R. *see* Petricevic, V. 3795
Alfano, R.R. *see* Raisky, O.Y. 31971
Alfano, R.R. *see* Sha, W.L. 23766
Alfano, R.R. *see* Yongqing Xiang 46009
Alfano, R.R. *see* Zeylikovich, I. 7633
Alfaouri, M. A novel technique to analyze (2D) square conducting plate of resonant size anywhere in 3D free space using the conjugate gradient method and the fast Fourier transform 4236
Alfassi, Z.B. *see* Lavi, N. 49333
Alfeldl, P., Neamtu, M., Schumaker, L.L. Fitting scattered data on sphere-like surfaces using spherical splines 515
Alferness, R. An evolution scenario for photonic routing and switching 16513
Alferness, R. An evolution scenario for photonic routing and switching 26455
Alferness, R.C. The evolution of photonic networks 58322
Alferov, D.F., Korobova, N.I., Sidorov, V.A. The burning voltage of a high current vacuum arc in a six-gap rod electrode system 29460
Alferov, D.F., Sidorov, V.A. Modernized triggered vacuum discharge switch with a six-gap rod electrode system 19891
Alferov, Y.B., Budnik, A.P. Laser-supported detonation in a transverse magnetic field: A qualitative theory and direct conversion of laser radiation energy into electricity 20051
Alferov, Zh.I. *see* Kop'ev, P.S. 23931
Alferov, Zh.I. *see* Ledentsov, N.N. 24005
Alferov, Zh.I. *see* Ruvimov, S. 22418
Alferov, Zh.I. *see* Shernyakov, Yu.M. 55653
Alferov, Zh.I. *see* Tsatsul'nikov, A.F. 12383
Alferov, Zh.I. *see* Zaitsev, S.V. 44520
Alferov, Z.I. The history and future of semiconductor heterostructures from the point of view of a Russian scientist 42072
Alferov, Z.I. *see* Krestnikov, I.L. 44464
Alferov, Z.I. *see* Ledentsov, N.N. 2177
Alferov, Z.I. *see* Zhukov, A.E. 44487
Alff, L., Schoop, U., Gross, R., Gerber, R., Beck, A. Ramp-edge Josephson junctions with $Nd_{1.85}Ce_{0.15}CuO_{4-y}$ barriers 23416
Alfille, J.P., Pilot, G., de Prunele, D. New pulsed YAG laser performances in cutting thick metallic materials for nuclear applications 14487
Alfonso, J., Freitas, V. Server selection on the Internet using passive probing 46740
Alfonso, T.F. *see* D'Elia, M.J. 43192
Alfonzetti, S. *see* Aiello, G. 14520
Alfonzetti, S. *see* Aiello, G. 44868
Alfonzetti, S. *see* Aiello, G. 44907
Alfonzetti, S. *see* Aiello, G. 44948
Alford, C.O. *see* Kubota, T. 4931
Alford, C.O. *see* Melton, R.W. 1501
Alford, E.M. Writing center programs for engineering 20456
Alford, M. *see* Chang, K.C. 24967
Alford, M. *see* Slamani, M.A. 56649
Alford, M. *see* Uner, M.K. 56651
Alford, M.G. *see* Liggins, M.E., II 28587
Alford, N.McN., Penn, S.J. Sintered alumina with low dielectric loss 2881
Alford, N.McN., Penn, S.J., Button, T.W. High-temperature superconducting thick films 55078
Alford, T.L., Adams, D., Theodore, N.D., Laursen, T., Kim, M.J. Influence of interfacial copper during the dealloying and nitridation of Cu-Ti films 22613
Alford, T.L. *see* Adams, D. 42715
Alford, T.L. *see* Adams, D. 54431
Alford, T.L. *see* Bair, A.E. 42692
Alford, T.L. *see* Bair, A.E. 54430
Alford, T.L. *see* Jaquez, E.J. 32194
Alford, T.L. *see* Jaquez, E.J. 54390
Alford, T.L. *see* Laursen, T. 42619
Alford, T.L. *see* Sego, S. 21289
Alford, T.L. *see* Zou, Y.L. 42716
Alford, W.J. *see* Armstrong, D.J. 24126
Alford, W.J. *see* Armstrong, D.J. 44679
Alfredson, R.J. A comparison of the short-time Fourier transform with a discrete wavelet transform for analysing some heart sounds 28264
Alfultis, M.A., Hicks, M.R. Classroom applications of marine and environmental remote sensing data 100
Alfuso, S. *see* Baker, I.M. 36656
Alfuso, S. *see* Marini, M.E. 58765
Algarabel, P.A., Del Moral, A., Krewenka, R., Solera, J.A., Groessinger, R. Magnetostriction of the $SmCo_5$ hexagonal intermetallic 3246
Algarabel, P.A. *see* Arnold, Z. 3128
Algarabel, P.A. *see* Morellon, L. 3048
Algarabel, P.A. *see* Nagamine, L.C.C.M. 3141
Algarabel, P.A. *see* Pareti, L. 3131
Algazinov, E.K., Bobreshov, A.M., Mimrikova, N.N., Nesterenko, Yu.N. Methods of EMC characteristics improvement in input microwave amplifiers 24500
Alger, J.R. *see* Bizzi, A. 37622
Alghuwainem, S.M. Speed control of a PV powered DC motor driving a self-excited 3-phase induction generator for maximum utilization efficiency 19761
Algiannakis, C., Robertson, I., Aghvami, A.H. Overview of an integrated ray tracing simulator for millimetre-wave indoor and outdoor radio LANs 26494
Algoet, P. *see* Morvai, G. 34498
Algora, C., Martinez, M.A. Al-Ga-As-dopant phase-equilibria for liquid phase epitaxy 12640
Algrain, M.C., Powers, R.M. Trade-off study and computer simulation for assessing spacecraft pointing accuracy and stability capabilities 58482
Alhalabi, B.A., Bayoumi, M.A. A scalable hybrid neural accelerator 53513
Alhara, M. *see* Akiya, M. 32058
Alhargan, F.A. *see* Kin-Lung Chan 41400
Alhassid, Y., Lewenkopf, C.H. Signatures of chaos in the statistical distribution of conductance peaks in quantum dots 54196
Alhorn, D. *see* Edberg, D. 49861
Alhumaidi, S.M., Fausett, L.V. FIR digital filter design using the Hopfield neural network 15238
Alhumaidi, S.M., Jones, W.L., Jun-Dong Park, Ferguson, S., Thursby, M.H., Yueh, S.H. A neural network sea ice edge classifier for the NASA Scatterometer 8433
Alhumoud, J.M. Time series modeling and forecasting of engineering systems 40032
Ali, A. *see* Joo Leong Tham 6651
Ali, A.A., Zabalawi, I.H. Optimum selection of RS and BCH codes for FHMA-SS communication systems 6468
Ali, B.M. *see* Ahmed, S. 46590
Ali, B.M. *see* Khalil, I. 35416
Ali, B.M. *see* Khalil, I. 46603
Ali, F.A. *see* Muminov, R.A. 51569
Ali, F.E.A.F. *see* Nagamoto, H. 57434
Ali, F.E.A.F. *see* Tobaru, S. 57431
Ali, F.H. *see* Ertas, T. 34563
Ali, H. *see* Cheng-Liang Huang 43046
Ali, I. *see* Chatterjee, A. 2805
Ali, I. *see* Chatterjee, A. 43299
Ali, I. *see* Chatterjee, A. 54800
Ali, I. *see* Nag, S. 42596
Ali, I.A., Mouftah, H.T., El-Sawi, A.H., Mahdaly, A.I. Performance evaluation of hierarchical routing in ATM networks 16029
Ali, I.A., Mouftah, H.T., El-Sawi, A.H., Mahdaly, A.I. Design of dynamic hierarchical routing for ATM networks 46833
Ali, M., Stuchly, S.S. A meander-line bow-tie antenna 34310
Ali, M., Tewfik, A.H. Modeling techniques for multiscale difference equation signal models 15405
Ali, M. *see* Hamdy, K.N. 14826
Ali, M. *see* Nafie, M. 25110
Ali, M. *see* Saleh, H. 42035
Ali, M.A., Metivier, G. Performance analysis of multichannel 16/64-QAM CATV distribution network using semiconductor optical amplifier as an external modulator 58384
Ali, M.B.H. Background noise detection and cleaning in document images 5649
Ali, M.R. *see* Majumber, S.P. 26683
Ali, S. *see* Sait, S.M. 1044
Ali, Z. *see* Brand, A. 16892
Ali Al-Noman, A. Signal transmission quality and static characteristics of series and parallel connected telephone channels 46981
Ali Kamoun, M.Ben *see* Ben Ali Kamoun, M.
Ali-Ahmad, W.Y., Chang, J.J., Liu, E.C.K., Grace, M.I., Dawson, J.C., Scull, E. A 10-6000 MHz receiver and signal separation modules developed for a mixed-signal automatic test equipment system 17215
Aliaga-Guerra, D., Gama, S., Guimaraes, A.P. ^{57}Fe NMR study of nitrided Ce_2Fe_{17} 3074
Aliane, B. Digital communication simulations 52019
Alibert, C. *see* Baranov, A.N. 14109
Alibert, C. *see* Chusseau, L. 2021
Alibert, C. *see* Popov, A.A. 23694
Alibert, G. *see* Delorme, F. 44438
Aliev, M.A., Alieva, Kh.O., Seleznev, V.V. Impurity-dislocation interaction during electroplastic deformation of silicon crystals. I. Mechanical properties 12188
Aliev, R. Application of silicon photovoltaic cells for measurements of IR radiation power 48517
Aliev, R. *see* Abdurakhmanov, B.M. 29642
Alieva, Kh.O. *see* Aliev, M.A. 12188
Alig, R.Casanova *see* Casanova Alig, R.
Aligue, F.J.Lopez *see* Lopez Aligue, F.J.
Alim, M.A. *see* Bartkowiak, M. 2740
Alim, M.A. *see* Weidong Zhu 23173
Alim, O.A. *see* El-Faramawy, N.M. 18236
Alimonda, A.S. *see* Smith, D.L. 225
Alimonti, P., Flocchini, P., Santoro, N. Finding the extrema of a distributed multiset 6143
Alimonti, P., Leonardi, S., Marchetti-Spaccamela, A. Average case analysis of fully dynamic reachability for directed graphs 40060
Alimov, I.F. *see* Lazareva, T.G. 7261
Alimov, V.A. Frequency correlation of fluctuations of short-wave signals in the theory of refractive scattering of radiowaves in the ionosphere 4254
Alimov, V.A. On the theory of refractive radio-wave scattering 14607
Alimov, V.A. On the applicability limits of the method of radio-wave refraction scattering 34059
Alimov, V.A., Erukhimov, L.M. A stochastic model of the F-spread phenomenon in the ionosphere 45127
Alimov, V.A., Rakhlin, A.V. On propagation of decametric-decimetric radiowaves under conditions of middle-latitude F-spread 4259
Alimov, V.A., Vybornov, F.I., Rakhlin, A.V. On one feature of the F-spread phenomenon in the midlatitude ionosphere 14609
Alimova, A.N. *see* Zhimov, V.V. 53963
Alimuddin, M., Alnuweiri, H.M., Donaldson, R.W. Efficient design of scalable shared-memory packet switches 6408
Alimuddin, M., Alnuweiri, H.M., Donaldson, R.W. Scalable shared-memory packet switches with input-output queueing 47481
Alinski, J., Mazur, J.W. Microprocessor-based systems for injection-ignition in IC engines 39353
Alinsog, E. *see* Mueller, G.O. 13857
Alinsog, E. *see* Mueller-Mach, R. 13858
Alipov, B.A. *see* Kazakov, V.N. 13775
Alippi, C., Piuri, V., Quatela, S. Neural prediction in power plants: the case of the steam pressures 60526
Alirezaie, J., Jernigan, M.E., Nahmias, C. Neural network-based segmentation of magnetic resonance images of the brain 59465
Alishev, J.V., Urjadov, V.N., Chernuho, O.D. Sensitivity increase of fast fibrous optical information systems 58301
Alison, J.M., Dissado, L.A. Electric field enhancement within moulded samples of low density polyethene–a means of failure characterised by voltage ramp tests and space charge measurement 43516

Alison, J.M. *see* Champion, J.V. 2887
Alison, R.J. *see* Hamel, J.S. 54590
Alix, C. *see* Dixit, P. 6191
Aliyev, T.A., Musayeva, N.F. Algorithm for improving estimation of statistical characteristics of technological parameters of power engineering objects 29195
Aliyu, Y.H., Morgan, D.V., Thomas, H. A luminescence mapping technique for rapid evaluation of visible-light-emitting materials used in semiconductor light-emitting diodes 55450
Alizadeh-Taheri, B., Smith, R.L., Knight, R.T. An active, microfabricated, scalp electrode array for EEG recording 18415
Aljabri, A. *see* Kia, T. 49844
Aljama C., T. *see* Pena C., M.A. 59586
Aljunid, S.A.K. *see* Debnath, N. 18550
Aljunid, S.A.K. *see* Debnath, N. 18551
Alkalai, L., Wai-Chi Fang An integrated microspacecraft avionics architecture using 3D multichip module building blocks 8252
Alkalai, L. *see* Rodgers, D.H. 59861
Alkemade, P.F.A. *see* Polman, A. 31759
Alkemade, P.F.A. *see* van den Homberg, M.J.C. 22620
Alkemade, P.F.A. *see* Van Den Homberg, M.J.C. 42704
Alkemade, P.F.A. *see* Van Den Homberg, M.J.C. 42764
Alkire, R.C. *see* Eliadis, E.D. 40511
Alkoy, S., Dogan, A., Hladky, A.-C., Langlet, P., Cochran, J.K., Newnham, R.E. Miniature piezoelectric hollow sphere transducers 17311
Alkulaibi, A., Soraghan, J., Hussain, A. Hybrid higher order cepstrum and functional link network (HOCFLN) based blind equaliser 46547
Alkumru, A. *see* Idement, M. 8420
Allaert, K., Peeters, J., Lauwers, E. Advanced hardware technologies for high speed switching and access applications in telecom 46871
Allaert, K. *see* Peeters, J. 6413
Allaert, K. *see* Vrana, M. 1890
Allah, A.G.Gad *see* Gad Allah, A.G.
Allaire, P.E., Fittro, R.L., Maslen, E.H., Wakefield, W.C. Measured force/current relations in solid magnetic thrust bearings 50875
Allaire, P.E., Maslen, E.H., Lewis, D.W., Flack, R.D. Magnetic thrust bearing operation and industrial pump application 50876
Allaire, P.E. *see* Maslen, E.H. 13475
Allal, D. *see* Bocquet, B. 36468
Allam, A.M.M.A., Ragab, A.S. Convergence in the analysis of frequency selective arrays of linear dipoles 56209
Allam, J. "Universal" dependence of avalanche breakdown on bandstructure: choosing materials for high-power devices 54565
Allamagny, S., Revelle, D. Prototype implementation of an International Network Management System supporting Xcoop interface 35605
Allamando, E.A. *see* Gosse, E. 41503
Allan, D.W., Lepek, A., Cutler, L., Giffard, R., Kusters, J. A 10^{-15} international frequency reference available now 48307
Allan, D.W. *see* Ashby, N. 27111
Allan, D.W. *see* Giffard, R.P. 27333
Allan, D.W. *see* Giffard, R.P. 36364
Allan, G.A., Walton, A.J. Fast yield prediction for accurate costing of ICs 22928
Allan, G.A., Walton, A.J. Yield prediction by sampling with the EYES tool 32536
Allan, G.A., Walton, A.J. Sampling based yield prediction for ULSI 43219
Allan, G.A. *see* Duvivier, F. 32510
Allan, G.A. *see* Walton, A.J. 54774
Allan, G.A. *see* Waring, T.G. 31066
Allan, J. *see* Lehrasab, N. 345
Allan, K.H. *see* Xu, Q. 19828
Allan, M. *see* McWilliam, C.J. 60806
Allan, M. *see* Vlietstra, J.F. 9022
Allan, M.A. *see* Porcella, D.B. 21004
Allan, N. *see* Twarog, E.M. 8494
Allan, R. Silicon MEMS technology is coming of age commercially 36453
Allan, R. *see* Kirschen, D. 50355
Allan, R. *see* Strbac, G. 28975
Allan, R.N. *see* Jourda, P. 9450
Allan, R.N. *see* Kariuki, K.K. 8810
Allara, D.L. *see* Lercel, M.J. 22728
Allara, D.L. *see* Whelan, C.S. 22628
Allard, B., Morel, H., Ghedira, S., Ammous, A. A bond graph simulator for power train simulation including semiconductor device models 53033
Allard, L. *see* Fontaine, I. 49557
Allard, L. *see* Zhenyu Guo 18235
Allard, L.B. *see* Liu, H.C. 48656
Allard, L.F. *see* Pedraza, A.J. 10140
Allard, L.F. *see* Rouleau, C.M. 10746
Allard, M., Boughaba, S., Meunier, M. Laser micromachining of free-standing structures in SiO_2-covered silicon 44839
Allard, M. *see* Meunier, M. 17581
Allasia, D., Boella, G., Marullo-Reedtz, G., Rinaudo, G., Truccato, M. Noise spectroscopy in the breakdown of the IQHE 54166
Allebach, J., Qian Lin FM screen design using DBS algorithm 56791
Allebach, J.P., Bouman, C.A., Coyle, E.J., Delp, E.J., Landgrebe, D.A., Maciejewski, A.A., Pizlo, Z., Shroff, N.B., Zoltowski, M.D. Video and image systems engineering education for the 21st century 52032
Allebach, J.P. *see* Jau-Yuen Chen 57339
Allebach, J.P. *see* Jee-Hong Kim 17049
Allee, D.R. *see* Ferry, D.K. 2557
Allee, D.R. *see* Wheeler, C. 23716
Allee, D.R. *see* Wheeler, C.B. 43341
Allegretto, W. *see* Shen, B. 13190
Allegrini, M., Fuso, F., Lorenzi, G., Vyacheslavov, L.N., Arimondo, E. Spectroscopy as in-situ diagnostics for pulsed laser deposition of superconductive and ferroelectric thin films 907
Allegrini, M. *see* Diligenti, A. 42343
Allegrini, M. *see* Gennari, S. 10839
Allemand, P.M. *see* Kippelen, B. 3406
Allen, A. Performance of GPS/Argos self-locating datum marker buoys (SLDMBs) 50134
Allen, A.J., Terry, J.L., Garnier, D., Stillerman, J.A., Wurden, G.A. The high resolution video capture system on the Alcator C-Mod tokamak 36346
Allen, A.J. *see* Subbanna, S. 41161
Allen, B. *see* Gaier, T. 41485
Allen, B. *see* Sjogren, L. 31515
Allen, B.J. *see* Hansen, R.D. 7866
Allen, B.J. *see* Rosenfeld, A.B. 28465
Allen, B.R. *see* Chang, K.W. 41483
Allen, B.R. *see* Wang, H. 11744
Allen, C., Wohletz, B., Gogineni, S. Radar sounding of glaciers in Greenland 18871
Allen, C. *see* Goodman, N. 8359
Allen, C. *see* Leuschen, C. 8358
Allen, C. *see* Ning Wang 17015
Allen, C. *see* Riisnaes, A. 20187
Allen, C.K., Reiser, M. Optimal transport of particle beams 37092
Allen, C.R., Karam, K.Z., Le Cam, P., Hanson, M., Tindall, T. In-situ quantification of manual assembly forces and postures during the manufacture of TV deflection coils 48216
Allen, C.T. *see* Xiaojun Fang 44177
Allen, D. *see* Chmielewski, A.B. 18734
Allen, D. *see* Emge, S. 27614
Allen, D. *see* Emge, S. 58786
Allen, D.M., Jones, P.J., Murphy, D.M., Piszczor, M.F. The SCARLET light concentrating solar array 38017
Allen, E.B. *see* Khoshgoftaar, T.M. 5918
Allen, E.L., Muscat, A.J., Green, E.D.H. Interdisciplinary team learning in a semiconductor processing course 20463
Allen, E.L. *see* Sarhadi, S. 30846
Allen, F.T. *see* Simmons, P. 24994
Allen, G., Zagursky, V. The data acquisition system for functional clinical researches 18192
Allen, I.H. *see* Lai, S.L. 27957
Allen, J., Murray, A. Comparison of three arterial pulse waveform classification techniques 7953
Allen, J., Murray, A. Assessing ECG signal quality on a coronary care unit 37812
Allen, J., Murray, A. Time-frequency analysis of Korotkoff sounds 49534
Allen, J. *see* Bernstein, B.B. 50222
Allen, J.C., Hobbs, S.L. Spectral estimation of non-stationary white noise 15217
Allen, J.F. *see* McGowan, C. 24122
Allen, J.F. *see* Ringger, E.K. 14970
Allen, J.F. *see* Tang, Y. 14336
Allen, J.J. *see* Lobitz, D.W. 20062
Allen, J.Mc *see* Mc Allen, J.
Allen, J.S. PCMCIA. PCB design for fabrication 41666
Allen, L. *see* Dhooper, J. 58334
Allen, L. *see* McCrory, E. 37153
Allen, L.H. *see* Cukauskasa, E.J. 3268
Allen, L.H. *see* Ramanath, G. 2450
Allen, L.J., Popovic, M., Schmidt, C.W. Operation and improvements of the Fermilab 400 MeV linac 37031
Allen, L.J. *see* Rosa, A.C. 28347
Allen, L.P., Anc, M.J., Duffy, M., Parechanian, J.H., Yap, J.H. Electrochemical analysis of SIMOX buried oxides 42289
Allen, L.P., Farley, M., Datta, R., Jones, K.S., Krishnamoorthy, V., Krska, J.Y., Yoon, J.U., Chung, J.E. Fundamental material analysis and SIMOX improvement as a function of independent implant parameter control 12592
Allen, L.P., Farley, M., Purser, K.H., Ryding, G., Smick, T.H. In-situ Rutherford backscattering design for early SIMOX-SOI metallic screening 12653
Allen, L.P. *see* Anc, M.J. 22457
Allen, L.R., Yu-Wang, V., Sato, M. Selective dry etching of oxide films for spacer applications in a high density plasma 22559
Allen, L.R. *see* Grant, J.M. 21294
Allen, L.R. *see* Tue Nguyen 2444
Allen, M. *see* Baker, M. 42529
Allen, M.D. *see* Britton, C.L., Jr. 59321
Allen, M.D. *see* Emery, M.S. 59331
Allen, M.D. *see* Ericson, M.N. 59314
Allen, M.G. *see* Ahn, C.H. 23090
Allen, M.G. *see* Baker, M.D. 2418
Allen, M.G. *see* Chahal, P. 53853
Allen, M.G. *see* Lagorce, L.K. 53016
Allen, M.G. *see* Park, J.Y. 53015
Allen, M.G. *see* Taylor, W.P. 53726
Allen, M.R. An efficient approach to physics-based FOPEN-SAR ATD/R 6937
Allen, M.S. *see* Sanders, J.E. 49394
Allen, N. *see* Lai, H.C. 50904
Allen, N. *see* Rodger, D. 50872
Allen, P.E., Blalock, B.J., Rincon, G.A. Low voltage analog circuits using standard CMOS technology 22989
Allen, R.A. *see* Cresswell, M.W. 32319
Allen, R.A. *see* Cresswell, M.W. 54746
Allen, R.G. *see* Ingram, M.J. 48177
Allen, R.J., Schoenbach, K.H. Increased hold-off voltage in vacuum gaps with coated electrodes 41723
Allen, S. *see* Moore, K.E. 21929
Allen, S.D. *see* Lee, C.H. 58814
Allen, S.D. *see* Qijun Chen 22624
Allen, S.J., Bhattacharya, U., Campman, K., Drexler, H., Gossard, A., Keay, B.J., Maranowski, K., Medeiros-Ribeiro, G., Rodwell, M., Scott, J.S., Unterrainer, C., Wanke, M., Zeuner, S. Photon assisted transport through semiconductor quantum structures in intense terahertz electric fields 12488
Allen, S.J. *see* Brehmer, D.E. 12875
Allen, S.J. *see* Zeunel, S. 2138
Allen, S.J. *see* Zeuner, S. 54236
Allen, S.J., Jr. *see* Keay, B.J. 2200
Allen, S.J., Jr. *see* Molnar, A.C. 41466
Allen, S.J., Jr. *see* Reddy, M. 53652
Allen, W.J.J. Quality improvement in printed board assembly design 53748
Allen C.-H. Wu *see* Wen-Jong Fang 40837
Allender, E. Circuit complexity before the dawn of the new millennium 53212
Allendorf, M.D. *see* Schulberg, M.T. 10850
Allenov, A.V., Podlazov, V.S. Throughput of the set of ring channels. II. Ring switches 5753
Allenspach, M., Brews, J.R., Galloway, K.F., Johnson, G.H., Schrimpf, R.D., Pease, R.L., Titus, J.L., Wheatley, C.F. SEGR: a unique failure mode for power MOSFETs in spacecraft 8240
Allenspach, M., Dachs, C., Johnson, G.H., Schrimpf, R.D., Lorfevre, E., Palau, J.M., Brews, J.R., Galloway, K.F., Titus, J.L., Wheatley, C.F. SEGR and SEB in n-channel power MOSFETs 22866
Allenspach, M. *see* Johnson, G.H. 22867
Allenspach, M. *see* Titus, J.L. 22868
Allerman, A.A. *see* Biefeld, R.M. 21305
Allerman, A.A. *see* Chih-Hsiang Lin 44547
Allerman, A.A. *see* Kurtz, S.R. 3889
Alles, D., Vergottini, G. Taking a look at Internet-based design in the year 2001 30126
Alles, M., Braasch, Th., Jager, D. High-speed coplanar Schottky travelling-wave photodetectors 36576
Alleva, F., Xuedong Huang, Mei-Yuh Hwang Improvements on the pronunciation prefix tree search organization 15141
Alleva, F.A. *see* Mei-Yuh Hwang 14869
Alley, K.S. *see* Davis, R.F. 21248
Alley, R., Arnett, D., Bong, E., Colocho, W., Frisch, J., Horton-Smith, S., Inman, W., Jobe, K., Kotseroglou, T., McCormick, D., Nelson, J., Scheeff, M., Wagner, S., Ross, M.C. A laser-based beam profile monitor for the SLC/SLD interaction region 37033
Alley, R. *see* Ross, M.C. 37150
Alley, T.G., Myers, R.A., Brueck, S.R.J. Temporal response of the second-order nonlinearity in poled bulk-fused silica under field reversal 24088
Alley, T.G. *see* Ranon, P.M. 13753
Alleysson, P., Nahmani, A., Lagras, R., Cibert, J., Feuillet, G., Le Si Dang Study of internal losses and gain mechanisms in CdTe/CdMnTe GRINSCH-type quantum well lasers 23916
Alleysson, P. *see* Hartmann, J.M. 755
Allgair, J., Ryan, J.M., Song, H.J., Kozicki, M.N., Whidden, T.K., Ferry, D.K. Nanoscale patterning of silicon dioxide thin films by catalyzed HF vapor etching 54386
Allgair, J. *see* Kozicki, M.N. 12842
Allgood, D.C. *see* Hodson, R.F. 1421
Allie, S., Mees, A., Judd, K., Watson, D. Reconstructing noisy dynamical systems by triangulations 40848
Allies, V.R. Bio/membrane system for elimination of organic mask waste streams 372
Alliez, J. *see* Ding, Z.S. 36415
Allik, T.H. *see* Chandra, S. 44371
Allin, M. *see* Frost, R. 8607
Allinc, M., Boudeville, J.-L. Potential profitability of some interactive audiovisual services 47323
Alliney, S. A property of the minimum vectors of a regularizing functional defined by means of the absolute norm 45937
Allinger, T. *see* Stietz, F. 2028
Allinger, T. *see* Stietz, F. 42550
Alliot, J. *see* Delahaye, D. 49958
Alliot, J.C. *see* Bonnet, P. 24455
Alliot, J.C. *see* Bonnet, P. 34033
Allison, D.U. *see* Lim, N.S. 61041
Allison, E.E., Kendall, B.R.F. Cubic electrodynamic levitation trap with transparent electrodes 4215
Allison, J. Visualization in GEANT4 49339
Allison, J. *see* Brutsch, R. 9183
Allison, M. *see* Cram, J. 26160
Allison, P. *see* Smith, H.V., Jr. 37060
Allison, P.W. *see* Burns, M.J. 49216
Allison, S. *see* Ruth, R.D. 49165
Allison, S.W. *see* Cates, M.R. 7671
Allison, W.W.M., Alner, G.J., Ambats, I., Ayres, D.S., Balka, L.J., Barr, G.D., Barrett, W.L., Benjamin, D., Bode, C., Border, P.M., Brooks, C.B.,

Cobb, J.H., Cockerill, D.J.A., Coover, K., Cotton, R.J., Courant, H., Dahlin, B.B., DasGupta, U., Dawson, J.W., Demuth, D.M., Edwards, V.W., Ewen, B., Fields, T.H., Garcia-Garcia, C., Gallagher, H.M., Giles, R.H., Giller, G.L., Goodman, M.C., Gray, R.N., Heppelmann, S., Hill, N., Hoftiezer, J.H., Jankowski, D.J., Johns, K., Joyce, T., Kafka, T., Kasahara, S.M.S., Kirby-Gallagher, L.M., Kochocki, J., Leeson, W., Litchfield, P.J., Longley, N.P., Lopez, F.V., Lowe, M.J., Mann, W.A., Marshak, M.L., May, E.N., Maxam, D., McMaster, L., Milburn, R., Miller, W.H., Minor, C.P., Mondal, N., Mualem, L., Napier, A., Nelson, E.M., Nickson, R., Oliver, W., Pearce, G.F., Perkins, D.H., Peterson, E.A., Price, L.E., Roback, D.M., Rosen, D.B., Ruddick, K., Saitta, B., Schmid, D.J., Schlereth, J., Schneps, J., Schub, M.H., Seidlein, R.V., Shield, P.D., Shupe, M.A., Spear, S., Stassinakis, A., Sundaralingam, N., Thomson, M.A., Thron, J.L., Vassiliev, V., Villaume, G., Wakely, S.P., Wall, D., Wallis, E.W.G., Weems, L., Werkema, S.J., West, N., Wielgosz, U., Woods, C.A., Yarker, S. The SOUDAN 2 detector. The operation and performance of the tracking calorimeter modules 37269

Allitt, M.L. *see* Good, J.A. 27246

Allman, D.J. *see* Ramanath, G. 2450

Allmayer, T. *see* Schreier, G. 59571

Allmeling, J.H. *see* Moore, P.J. 8980

Allmen, M.C., Kegelmeyer, W.P., Jr. The computation of cloud base height from paired whole-sky imaging cameras 46234

Allocca, B. *see* Hernandez, L. 11195

Allocco, A.M., Whistler, R.J. Laminated busbars reduce inductance and manufacturing costs of power distribution circuits 38813

Allon-Alaluf, M., Croitoru, N. Electrical measurements of iodine doped amorphous diamondlike films grown on silicon substrate 12299

Allott, R. *see* Turcu, I.C.E. 42883

Allott, S. *see* Raczkowycz, J. 21773

Allouche, J.-P., Cateland, E., Gilbert, W.J., Peitgen, H.-O., Shallit, J.O., Skordev, G. Automatic maps in exotic numeration systems 52460

Allport, D. *see* Zimmerman, T.G. 48801

Allport, P.P. Silicon strip detector designs for the ATLAS experiment 59242

Allport, P.P., Booth, P.S.L., Bowcock, T.J.V., Green, C., Greenall, A., Jackson, J.N., Jones, T.J., Richardson, J.D., Smith, N.A., Turner, P.R., Tzamarias, S.E., Albiol, F., Fuster, J., Lozano, J., Marti i Garcia, S. Silicon detectors for forward tracking in ATLAS 37375

Allport, P.P. *see* Beringer, J. 37394

Allred, L.G., Harames, J.P. Guidelines for successful implementation of infrared thermography for repairing electronic circuit cards 37949

Allred, L.G., Harames, J.P., Serpen, G. Data collection and recording guidelines for achieving intelligent diagnostics 48356

Allred, L.G., Howard, T.R., Serpen, G. Thermal imaging is the sole basis for repairing circuit cards in the F-16 flight control panel 37961

Allred, L.G., Kelly, P.B., Harames, J.P. Automated experimental design for automatic test equipment software 36425

Allred, L.G., Oliverio, C., Cain, M.J. Proposed software standards for control and sequencing of automatic test equipment 36393

Allred, R. *see* Fluckiger, D. 45884

Allred, W.P. *see* Phillips, J.D. 30690

Allspach, D.H., Kendziora, C.L., Marinelli, M., Macri, M., Robutti, E., Boero, G. Refrigerated hydrogen gas jet for the Fermilab antiproton accumulator 37193

Allstot, D.J. *see* Mittal, R. 21843

Allsup, G.P., Hosom, D.S. High quality sea surface temperature for volunteer observing ships 50109

Allsup, G.P. *see* Way, B.S. 50181

Allwood, D.A., Perera, I.K., Perkins, J., Dyer, P.E., Oldershaw, G.A. Preparation of 'near' homogeneous samples for the analysis of matrix-assisted laser desorption/ionisation processes 4170

Alm, S., Hausler, M. Availability and reliability of HVDC transmission multipoint installations 28865

Almaini, A.E.A. A semicustom IC for generating optimum generalized Reed-Muller expansions 31222

Almaini, A.E.A., Burnside, K. Generalised Reed-Muller ASIC converter 53140

Almasi, G. *see* Szatmari, S. 13923

Almazar, R., Hoffman, B. Immediate elimination of gross ESD failures in PLCC MECL product line through innovative techniques 21597

Alme, G.Van *see* Van Alme, G.

Almehag, L. *see* Gobl, G. 47430

Almeida, A. A framework for the deployment of new services using hypermedia distributed systems 16355

Almeida, A.M., Barnett, M., Finardi, C.A., Flacker, A., Gozzi, A.C., Molina, J.P., Santos, M.F., Zucollo, A.C. Low cost copper plating MCM-D technology 1878

Almeida, A.T. *see* Batista, J. 5066

Almeida, A.T.de *see* de Almeida, A.T.

Almeida, B. *see* Li Shuxiang 43667

Almeida, C., Verissimo, P. Timing failure detection and real-time group communication in quasi-synchronous systems 5873

Almeida, D. *see* Ng, F. 49622

Almeida, J., Coluzza, C., dell'Orto, T., Margaritondo, G., Terrasi, A., Ivanco, J. Au/GaAs(100) interface Schottky barrier modification by a silicon nitride intralayer 32050

Almeida, J., Vobornik, I., Berger, H., Kiskinova, M., Kolmakov, A., Marsi, M., Margaritondo, G. Spectromicroscopic evidence of Ge-GaSe chemical reactions: not a Schottky system 42268

Almeida, J. *see* Coluzza, C. 2242

Almeida, J. *see* Coluzza, C. 12518

Almeida, J.G. *see* Teasley, R.W. 9966

Almeida, K. *see* Galiana, F.D. 19275

Almeida, L.A., Chen, Y.P., Faurie, J.P., Sivananthan, S., Smith, D.J., Tsen, S.-C.Y. Growth of high quality CdTe on Si substrates by molecular beam epitaxy 709

Almeida, L.A., Chen, Y.P., Faurie, J.P., Smith, D.J., Tsen, S.-C.Y., Sivananthan, S. Orientation dependence of CdTe/Si grown by MBE 719

Almeida, L.B. Product and convolution theorems for the fractional Fourier transform 24989

Almeida, L.B. *see* Neto, J.P. 34644

Almeida, M.C.P. Low power consumption bias supply for channel electron multiplier 1119

Almeida, M.E. *see* Correia de Barros, M.T. 50505

Almeida, P. *see* Malaquias, J.L. 58657

Almeida, P. *see* Morgado, A.M.L.S. 53083

Almeida, R.M. *see* Orignac, X. 3417

Almeida, R.M. *see* Orignac, X. 55158

Almeida, S.F.M.de *see* de Almeida, S.F.M.

Almeida do Vale, A. *see* Dias, C. 17206

Almeido de vale, A. *see* Dias, C. 17242

Almeras, P. *see* Hwu, Y. 13478

Almesberger, W., Le Boudec, J.-Y., Oechslin, P. Application requested IP over ATM (Arequipa) and its use in the Web 26189

Almesfer, B. *see* Anderson, S. 40913

Almgren, J. *see* Bolt, R. 10615

Almgren, M., Frodigh, M., Magnusson, S., Wallstedt, K. Slow adaptive channel allocation for automatic frequency planning 47651

Almhem, P., Anderson, L. Cottbus opts for PFBC repowering 9095

Almhem, P., Schemenau, W. Cottbus–first PFBC plant to be fired with brown coal 50772

Alminauskas, V., Johnson, W. Comparison of "AA" nickel metal hydride cells with "AA" Ni-Cd cells 19970

Almond, P.R. *see* Zhigang Xu 59845

Almquist, L.-O. *see* Albu, C. 37863

Almqvist, M. *see* Jansson, T. 49558

Almstrom, E., Johansson, S. Metropolitan WDM networks 36085

Almulhem, A., El-Guibaly, F. ATM switch design requirements under FEC environment 16027

Almulhem, A., El-Guibaly, F., Gulliver, T.A. A new adaptive FEC scheme for ATM communications 16026

Almuneau, G. *see* Genty, F. 24013

Alner, G.J. *see* Allison, W.W.M. 37269

Alnot, P. *see* Chatei, H. 40422

Alnuweiri, H. *see* Chow, H.A. 41193

Alnuweiri, H.M., Kazemi-Nia, M. VLSI implementation of highly-optimized scalable ATM switches 58064

Alnuweiri, H.M. *see* Alimuddin, M. 6408

Alnuweiri, H.M. *see* Alimuddin, M. 47481

Alnuweiri, H.M. *see* Elnaggar, A. 41000

Alnuweiri, H.M. *see* Muhiyaddin, A. 46655

Aloimonos, Y. *see* Fermuller, C. 46446

Aloisi, P. Insulated gate bipolar transistor family 40894

Aloisi, R., Grabit, Y. Multispectral image resolution enhancement to improve efficiency of spectral analysis algorithms 18790

Aloisio, A., Alviggi, M.G., Carlino, G., Cavallo, N., De Asmundis, R., Innocente, V., Lista, L., Paolucci, P., Piccolo, D., Patricelli, S., Sciacca, C. The RPC trigger system of the F/B muon spectrometer at the L3 experiment 37491

Aloisio, A. *see* Adam, A. 37280

Aloisio, A. *see* Fierro, B. 49581

Aloisio, G., Bochicchio, M.A., La Scala, M., Sbrizzai, R. A distributed computing approach for real-time transient stability analysis 60221

Aloisio, G., Bochicchio, M.A., La Scala, M., Trovato, M. A metacomputing approach for real-time transient stability analysis 8766

Alok, D., Baliga, B.J. Kinetics of enhanced thermal oxidation of silicon carbide using amorphization by ion implantation 54382

Alok, D., Baliga, B.J. A silicon carbide LOCOS process using enhanced thermal oxidation by argon implantation 54456

Alok, D., Makeshwar, K., Baliga, B.J. Residual damage effects on gate contacts formed on surfaces etched by using the amorphization technique 54455

Alolah, A.I. *see* Badr, M.A. 19752

Alon, N., Luby, M. A linear time erasure-resilient code with nearly optimal recovery 24688

Alon, N., Yuster, R., Zwick, U. Finding and counting given length cycles 21082

Aloni, Y. *see* Prus, O. 22407

Alonso, A. Error estimators for a mixed method 503

Alonso, J., Bernabeu, E. A method for the measurement of the refractive index of dielectric cylinders 59049

Alonso, J.I., Blas, J.M., Garcia, L.E., Ramos, J., de Pablos, J., Grajal, J., Gentili, G.G., Gismero, J., Perez, F. Low cost electronically steered antenna and receiver system for mobile satellite communications 26612

Alonso, J.I., Lopez, E.J., Mahfoudi, M. A design technique for GaAs MMIC differential amplifiers based on physical parameters of the foundry 53674

Alonso, J.I. *see* Blas, J.M. 21541

Alonso, J.I. *see* Ramos, J. 6449

Alonso, J.M. A new method for the control of the full-bridge resonant invertor applied to high-intensity discharge lamps 9715

Alonso, J.M., Blanco, C., Lopez, E., Calleja, A.J., Rico, M. Analysis and design of a LCC resonant inverter for high intensity discharge lamps 9716

Alonso, J.M., Calleja, A.J., Ribas, J., Blanco, C., Rico, M. High intensity discharge lamps supplied with a novel low-loss clamped-mode LCC resonant inverter 29435

Alonso, J.M., Rico, M., Corominas, H., Blanco, C. Steady-state analysis of a clamped-mode LCC resonant inverter for HID lamp supply 51832

Alonso, J.M., Villegas, P.J., Diaz, J., Blanco, C., Rico, M. A microcontroller-based emergency ballast for fluorescent lamps 51828

Alonso, J.M. *see* Blanco, C. 51830

Alonso, J.M. *see* Martinez, J.A. 60906

Alonso, J.Marcos *see* Marcos Alonso, J.

Alonso, J.R. Ion source requirements for pulsed spallation neutron sources 37187

Alonso, J.R. *see* Baldin, A.M. 37160

Alonso, L., Remy, J.L., Schott, R. A linear-time algorithm for the generation of trees 30471

Alonso, M.I. *see* Alsina, F. 41915

Alonso, P., Gasca, M., Pena, J.M. Backward error analysis of Neville elimination 40132

Alonso, R., Lopez-Garcia, A., Vucetich, H. On the electron stability measured by the coincidence spectroscopy 37290

Alonso Fernandez, J.M., Martin Manchado, J.S., Ferrero Martin, F.J. A practical tool for the development of systems using the Intel MCS-51 microcontroller family 1434

Alonso Montes, J.I. *see* Garcia-Castillo, L.E. 4394

Alonso-Betanzos, A. *see* Roldan, M.C.S.-C. 28878

Alonso-Juaristi, P.I., Esteban, J., Rebollar, J.M. Design of compact waveguide twists 53552

Alonzo, A.C., Collins, D.A., McGill, T.C. Tunneling spectroscopy of resonant interband tunneling structures 42082

Alotto, P., Gaggero, M., Molinari, G., Nervi, M. A "design of experiment" and statistical approach to enhance the "generalised response surface" method in the optimisation of multiminima problems 44888

Alotto, P., Girdinio, P., Molfino, P., Nervi, M. Time-harmonic mesh adaption with error estimate based on the "local field error" approach 44962

Alotto, P. *see* Colyer, B. 44984

Alouani, A.T., Rice, T.R. On optimal asynchronous track fusion 25240

Alouani, A.T., Rice, T.R. Asynchronous track fusion revisited 45838

Alouani, A.T. *see* Blankenship, B. 46203

Alouani, A.T. *see* Lahdhiri, T. 50403

Alouani, A.T. *see* Sadok, M.M. 46204

Alparone, L., Argenti, F., Garzelli, A. A multiscale geometric filter based on the wavelet transform 26979

Alparone, L., Barni, M., Bartolini, F., Cappellini, V. Adaptively weighted vector-median filters for motion-fields smoothing 25419

Alparone, L., Barni, M., Bartolini, F., Cappellini, V. A fast adaptive weighted vector-median filter 57124

Alparone, L., Baronti, S., Carla, R. An adaptive rank-conditioned median filter for edge-preserving image smoothing 56611

Alparone, L., Baronti, S., Casini, A. A novel approach to the suppression of false contours originated from Laplacian-of-Gaussian zero-crossings 56993

Alparone, L. *see* Abrardo, A. 5191

Alparone, L. *see* Abrardo, A. 15613

Alparone, L. *see* Aiazzi, B. 15621

Alparone, L. *see* Aiazzi, B. 27075

Alparone, L. *see* Aiazzi, B. 28209

Alparone, L. *see* Aiazzi, B. 46347

Alparone, L. *see* Aiazzi, B. 56730

Alpat'ev, A.N., Smirnov, V.A., Tsuboi, T., Shcherbakov, I.A. Relaxation oscillations of the intensity of radiation from a two-micron thulium laser 55544

Alpaydin, E. Selective attention for handwritten digit recognition 57045

Alper, B., Dillon, S., Edwards, A.W., Gill, R.D., Robins, R., Wilson, D.J. The JET soft X-ray diagnostic systems 37569

Al'perovich, L.S., Grachev, S.A., Gurvich, Yu.A., Litvak-Gorskaya, L.B., Mel'nikov, A.P., Chaikovskii, I.A. An optical method for simulating nonuniform systems 54035

Alperovich, V.L., Paulish, A.G., Scheibler, H.E., Tynnyi, V.I., Terekhov, A.S. Unpinned behaviour of the Fermi level and photovoltage on p-(100) GaAs surface facilitated by deposition of cesium 2243

Alperovich, V.L. *see* Drescher, P. 12069

Alpers, W. Radar signatures of oceanic and atmospheric internal waves: a comparison 50137
Alpers, W., Pahl, U., Gross, G., Etling, D. Study of katabatic wind fields by using ERS-1 synthetic aperture radar imagery of the ocean surface 8432
Alpert, C.J., Hagen, L.W., Kahng, A.B. A hybrid multilevel/genetic approach for circuit partitioning 52963
Alpert, C.J., Kahng, A.B. Simple eigenvector-based circuit clustering can be effective [VLSI CAD] 13071
Alpert, T. *see* Pereira, F. 35180
Alphones, A., Joseph, L.L. Optical isolator on a thin-film gyrotropic waveguide 43990
Alphonse, G.A., Morris, N., Harvey, M.G., Gilbert, D.B., Connolly, J.C. New high-power single-mode superluminescent diode with low spectral modulation 3635
Alphonsus, J.E.J. *see* Hansen, P.B. 26730
Alptekin, G. *see* Xiaoping Yun 36905
Alptekin, S.E. Preparing the leaders for mechatronics education 20629
Alquie, C., Bert, C., Freestone, J., Hampton, R.N., Hennion, C., Lewiner, J., Pyne, P.J.E., Verne, S. Measurement of space charge distribution in XLPE cables under AC stress 43572
Alquie, C. *see* Naz, O. 58978
Alquie, C. *see* Yewen Zhang 32641
Alquier, D. *see* Omri, M. 31745
Alquier, L., Montesinos, P. Segmentation of thin networks using perceptual organization with active contour functions 15789
Alquier, L., Montesinos, P. Perceptual grouping and active contour functions for the extraction of roads in satellite pictures 56607
Alquier, L. *see* Montesinos, P. 5134
Alrabiah, T., Znati, T.F. A simulation framework for the analysis of multicast tree algorithms 57672
Alrifai, M.T. *see* Hassanin, M. 29275
Alrutz, H. *see* Desor, H.-J. 17048
Alrutz, M. *see* Kerr, D. 26385
Alsema, E.A. *see* Sjerps-Koomen, E.A. 51607
AlShaibi, M.F., Kime, C.R. MFBIST: a BIST method for random pattern resistant circuits 41038
Alshamali, A.M., Macario, R.C.V. Coverage strategy in TETRA quasi-synchronous systems 35961
Alshebeili, S. *see* Al-Mashouq, K. 47507
ALshebeili, S.A., Nabawi, A.A.-F., Mahmoud, S.A. Arabic character recognition using 1-D slices of the character spectrum 56710
Alshebeili, S.A. *see* Ahmed, R.E. 1485
Al'shina, A., Bogdanov, P., Gevorkyan, A., Koshelyaevsky, N., Koucherov, V., Ovchinnikov, V., Medvedev, Yu., Pushkin, S. Preliminary result of time scale comparison uncertainty by means of the computer controlled A-724M-02 GLONASS receiver 27937
Alshuth, P. *see* Kreyss, J. 57335
Alsina, F., Garriga, M., Alonso, M.I., Tortosa, S., Pascual, J., Geng, C., Scholz, F., Glew, R.W. Optical determination of growth variants in ordered GaInP 41915
Alsman, D. *see* Sartor, M. 347
Alsop, D.C. The sensitivity of low flip angle RARE imaging 49464
Alsous, M.B., Bittebierre, J., Richier, R., Ahmad, H. Construction of all-fibre Nd^{3+} fibre lasers with multidielectric mirrors 13994
Alstrin, A.L. *see* Ott, A.K. 52688
Alsugair, A.A., Cheng, R.S. Bounds on symmetric capacity for L-out-of-K symbol-asynchronous CDMA Gaussian channels 35475
Alsunaidi, M.A., Hammadi, S.M., El-Ghazaly, S.M. A parallel implementation of a two-dimensional hydrodynamic model for microwave semiconductor device including inertia effects in momentum relaxation 53624
Alsup, J.M., Zabal, X. Active sonar ABF application issues 16979
Alt, H., Graf, H.-D., Hofferbert, R., Rangacharyulu, C., Rehfeld, H., Richter, A., Schardt, P., Wirzba, A. Chaotic dynamics in a three-dimensional superconducting microwave billiard 3303
Alt, K. *see* Huang, F.Y. 33268
Alt, M., Lewerenz, H.J., Scheer, R. $CuInS_2$ thin film growth monitoring by in situ electric conductivity measurements 40564
Alt, R. On the optimal solution of collocation methods for ODEs 52567
Altadonna, L. LCD backlight manufacturing development program 17698
Altafim, R.A.C., Ferreira, G.L. Teflon-FEP charged by microsecond voltage pulses: numerical results and model 54971
Altaisky, M.V., Kolganova, E.A., Kovalenko, V.E., Ososkov, G.A. How to resolve overlapping Gaussian signals using wavelets 34849
Altamirano-Robles, L., Eckstein, W. The importance of feature visibility for the evaluation of a matching hypothesis 5131
Altamura, P. *see* Russo, M.V. 58721
Altas, I.H., Sharaf, A.M. A novel on-line MPP search algorithm for PV arrays 19637
Altas, I.H. *see* Aksoy, S. 9573
Altay, B. *see* Seker, S.S. 45234
Altemani, C.A.C., Menegaldo, L.L. Enhanced convective cooling of a PCB in a duct 30294
Alteneder, K.P., Nerbun, W.J., Eckroad, S.W. SRP discovers TBESS way to store electricity 60628
Alter-Gartenberg, R. *see* Fales, C.L. 4940
Alterkop, B., Parkansky, N., Boxman, R.L., Goldsmith, S. Influence of a parallel electric field on the conductivity of a growing indium oxide film 40539
Altermatt, P.P., Heiser, G., Aberle, A.G., Wang, A., Zhao, J., Robinson, S.J., Bowden, S., Green, M.A. Spatially resolved analysis and minimization of resistive losses in high-efficiency Si solar cells 51559
Altermatt, P.P., Heiser, G., Green, M.A. Numerical quantification and minimization of perimeter losses in high-efficiency silicon solar cells 20025
Alterovitz, S.A. *see* Park, D.-G. 42312
Alterovitz, S.A. *see* Park, D.G. 54663
Altes, J. *see* Watermann, A. 21201
Altes, R.A. *see* Sethian, J.D. 51265
Altgeld, W. The use of conductive polymers in direct metallization 11877
Althaus, M., Sonnenberg, K., Kuessel, E., Naeven, R. Some new design features for vertical Bridgman furnaces and the investigation of small angle grain boundaries developed during VB growth of GaAs 10634
Altieri, B. *see* Cesarsky, C.J. 36548
Altinel, I.K., Ozekici, S. A dynamic model for component testing 39936
Altinndal, S. *see* Salamov, B.G. 53891
Altintas, O., Aoki, T., Taka, M., Aida, H., Saito, T. High-throughput bulk data transfers: a study on the application-oriented approach 16104
Altintas, O. *see* Saito, T. 46750
Altintas, O. *see* Saito, T. 46764
Altiparmak, F. *see* Dengiz, B. 57803
Altmaier, H., Musch, R., Sahle, W. Lightning and overload protection for undisturbed radio and television reception: Protective concept for exposed full broadcast stations 27134
Altmaier, H., Pelz, D. InterBus–a field bus in the EMC test 14635
Altman, A. Higher order primal-dual interior point method for separable convex quadratic optimization 10336
Altman, E. Non zero-sum stochastic games in admission, service and routing control in queueing systems 52416
Altman, E., Hordijk, A., Kallenberg, L.C.M. On the value function in constrained control of Markov chains 10272
Altman, E. *see* Ait-Hellal, O. 35394
Altman, E. *see* Ait-Hellal, O. 46566
Altman, E. *see* Zigang Pan 35397
Altman, P., Miner, B., Hoffmann, D. Modifying potential gradients with pentapolar transvenous defibrillation electrodes in a saline tank 59762
Altman, R.A. *see* Rishton, S.A. 43606
Altman, R.A. *see* Sun, J.Z. 3260
Altman, W. Assignment-based top managers for hire 20738
Altman, Z., Mittra, R., Jennings, N., Murphy, J. A novel scaling procedure for deriving the solution to large-body scattering problems 33959
Altman, Z., Mittra, R., Philo, J., Dey, S. New designs of ultra-broadband antennas using a genetic algorithm 34347
Altmann, M., Feilitzsch, F. v., Schanda, U. A parameterized pulse shape analysis method for the GALLEX solar neutrino experiment 37533
Altmann, M., Stegmaier, J. Portable Industrial Controller PSP: measurement and control made mobile 47702
Altmeyer, S., Hahidi, N., Spangenberg, B., Kurz, H. Single electron tunneling in metallic nanostructures at Kelvin temperatures 54720
Altmeyer, S., Hamidi, A.A., Spangenberg, B., Kurz, H. Metal based single electron transistors operating at several Kelvin 22895
Altmeyer, S., Kuhnel, F., Spangenberg, B., Kurz, H. A possible road to 77 K single-electron devices 2735
Altoe, M.V.P., Echer, C.E., Thomas, G. TEM study of nanocrystalline NdFeB 55024
Alton, G.D. Selection of targets and ion sources for radioactive ion beam generation at the Holifield Radioactive Ion Beam Facility 7767
Alton, G.D. Targets and ion sources for RIB generation at the Holifield radioactive ion beam facility 49284
Alton, G.D. Broadband frequency ECR ion source concepts with large resonant plasma volumes 49290
Alton, G.D., Mills, G.D. A positive (negative) surface ionization source concept for radioactive ion beam generation 49285
Alton, G.D., Williams, C. A new concept tandem thermal dissociator/electron impact ionization source for RIB generation 49286
Alton, G.D. *see* Olsen, D.K. 49153
Alton, J. *see* Schreiber, B. 59933
Altosaar, M., Varema, T., Deppe, M., Wirts, C., Deppe, J., Hiie, J., Hiesgen, R., Mellikov, E., Meissner, D. Monograin layers and membranes for photovoltaics 39092
Altounian, Z. *see* Chen, X. 3244
Altounian, Z. *see* Jun Yang 43623
Altov, V.A., Bliznjuk, V.A., Kurguzov, V.V., Lykhin, V.A. Energy losses in multifilamentary composite wires in 50 Hz magnetic fields 43779
Al'tov, V.A., Bliznyuk, V.A., Lykhin, V.A., Sverdlov, A.V. Nb_3Sn multifilamentary wires and tapes for high-field magnetic systems 55141
Altschuler, B.R. Hyper-speed data acquisition for 3-D computer vision metrology as applied to law enforcement 57380
Altschuler, E., Pignotti, A., Paiuk, J. Monte Carlo simulation of false alarms and detection reliability in magnetic flux leakage inspection of steel tubes 31000
Altschuler, M.D., Kassaee, A. Automated matching of corresponding seed images of three simulator radiographs to allow 3D triangulation of implanted seeds 49496
Altshuler, E.E., Linden, D.S. Design of a loaded monopole having hemispherical coverage using a genetic algorithm 24558
Altucci, C. *see* de Lisio, C. 55898
Altukhov, I.V., Chirkova, E.G., Kagan, M.S., Korolev, K.A., Sinis, V.P., Yassievich, I.N. Far-infrared stimulated emission in p-Ge under high uniaxial pressure 22198
Altunbas, I., Aygolu, U. Multiamplitude minimum shift keying trellis codes for AWGN and fading channels 56349
Altunbasak, Y., Tekalp, A.M. Occlusion-adaptive 2-D mesh tracking 25390
Altunbasak, Y., Tekalp, A.M. Scalable mesh-based interpolative coding of synthetic and natural image objects 57361
Altunbasak, Y. *see* Gerek, O.N. 57354
Altunbasak, Y. *see* Tekalp, A.M. 56688
Altus, J. *see* Chaloupka, F. 38744
Altus, J. *see* Kucer, P. 9622
Altuve F., H.J. *see* Vazquez M., E. 50652
Alukaidey, T. *see* Tut San Guan 44140
Alumbaugh, D.L., Newman, G.A. Three-dimensional massively parallel electromagnetic inversion. II. Analysis of a crosswell electromagnetic experiment 50175
Alumbaugh, D.L. *see* Newman, G.A. 18933
Alumbaugh, D.L. *see* Newman, G.A. 50014
Alva, C.De La Paz *see* De La Paz Alva, C.
Alva, K.S., Marx, K.A., Samuelson, L.A., Kumar, J., Tripathy, S.K., Kaplan, D.L. Novel immobilization techniques in the fabrication of efficient electrochemical biosensors 7439
Alvarado, F. *see* DeMarco, C.L. 8775
Alvarado, F. *see* Mahseredjian, J. 38209
Alvarado, F. *see* Manson, S. 19089
Alvarado, F.L. *see* Dag, H. 60212
Alvarado, F.L. *see* Greene, S. 50302
Alvarado, F.L. *see* Pilotto, L.A.S. 38322
Alvarado, F.L. *see* Sarlashkar, J.V. 19071
Alvarado, F.L. *see* Singh, H. 50307
Alvarado-Gil, J.J. *see* Cruz Orea, A. 12361
Alvarado-Gil, J.J. *see* Cruz-Orea, A. 1968
Alvarado-Gil, J.J. *see* Delgadillo, I. 31802
Alvarenga, B.Pinheiro de *see* Pinheiro de Alvarenga, B.
Alvarez, A. *see* Gomez, P. 4620
Alvarez, F. *see* Garcia, V.G. 6125
Alvarez, F. *see* Torres, J. 31841
Alvarez, F. *see* Zmudzinski, C. 58359
Alvarez, J., Sanchez, H., Countryman, R., Alexander, M., Nicoletta, C., Gerosa, G. A scalable resistor-less PLL design for PowerPC™ microprocessors 1193
Alvarez, J. *see* Etgens, V.H. 12756
Alvarez, J. *see* Sanchez, H. 41233
Alvarez, J. *see* Sorin, C. 46959
Alvarez, J.C. *see* Konopsky, V.N. 53925
Alvarez, J.C. *see* Sokolov, N.S. 12571
Alvarez, L. *see* Ollero, S. 51294
Alvarez, P.C. *see* Riesco, M.V. 8873
Alvarez, R.T., Metivier, P. Advances in UV processes for electronics–how to design for them 52164
Alvarez Romero, J.T., Khoury, H.J., Hazin, C.A., Austerlitz, C. Angular response of a commercial photodiode in secondary standard fields of $^{90}Sr/^{90}Y$ beta radiation 7791
Alvarez-Borrego, J. *see* Zavala-Hamz, V.A. 35113
Alvarez-Bravo, J.V. *see* Arizmendi, L. 33749
Alvarez-Campana, M. *see* Garcia, V.G. 6125
Alvarez-Cercadillo, J. *see* Caminero-Gil, J. 14965
Alvarez-Cervera, F.J. *see* Heredia-Lopez, F.J. 48376
Alvarez-Fregoso, O. *see* Picos-Vega, A. 41917
Alvarez-Icaza, M. *see* Desmond, D. 27460
Alvarez-Melcon, A. *see* Mosig, J.R. 34250
Alvarez-Vaquero, F., Sanz-Gonzalez, J.L. Signal processing algorithms by permutation test in radar application 26967
Alvensleben, F.von *see* von Alvensleben, F.
Alverez, F. *see* Lai, R. 36117
Alverson, G., Bao, J., Fisher, P., Gerald, J., Gougas, A., Leedom, I., Pevsner, A., Spartiotis, C., Reucroft, S., Taylor, L. Performance of the L3 plastic scintillating fibre calibration system 18085
Alvertos, N. *see* Patras, I. 5092
Alves, A.B. *see* Gallego, R.A. 50471
Alves, A.P. *see* Teixeira, L.M.L. 5662
Alves, A.R., Cury, L.A., Guimaraes, P.S.S., Moreira, M.V.B. Oscillatory behavior of magneto-optical interband emissions in asymmetric quantum well structures 42205
Alves, A.R. *see* Freire, S.L.S. 22376
Alves, D.F., Jr., Keith, E.L. A GPS-based autonomous onboard destruct system 8268
Alves, E. *see* Sochinskii, N.V. 40389

Alves, J.A., Perin, A.J., Barbi, I. An electronic ballast with high power factor for compact fluorescent lamps 39375
Alves, M. *see* Carvalho, A. 47063
Alves, M. *see* Lederhofer, A. 57858
Alves, O.L. *see* Liu, Y. 2158
Alves, O.L. *see* Reynoso, V.C.S. 2159
Alves, P.R.G. *see* de Macedo, R.C. 11555
Alves, V.C., Antunes, A.R., Marzouki, M. A pragmatic, systematic and flexible synthesis for testability methodology 52942
Alves, V.C. *see* Anido, M.L. 43183
Alves da Silva, A.P. *see* Arango, H.G. 19296
Alves da Silva, A.P. *see* Lambert-Torres, G. 51425
Alvi, J.S. Availability analysis of integrated gasification combined cycle power plants with backup fuel and NO_x reduction 50798
Alvi, N.S. Manufacturing process improvements using advanced control methodologies 10029
Alviggi, M.G. *see* Adam, A. 37280
Alviggi, M.G. *see* Aloisio, A. 37491
Alvis, R. *see* Robin, D. 17998
Alvis, R. *see* Wilder, K. 22980
Alvisi, M. *see* Rizzo, A. 3569
Alvorez, S. *see* Franzon, P.D. 11498
Alwan, A. *see* Narayanan, S. 14939
Alwan, A. *see* Strope, B. 15121
Alwan, A. *see* Tang, B. 34693
Alwash, M.A.M. Periodic solutions of a quartic differential equation and Groebner bases 619
Alwi, H.A.B., Carye, J.R., Smith, B.V. Chirp response of a single-plate transducer 38128
Alyoshkin, R.V., Karabanov, S.M. Surface metastable layer in amorphous silicon and its influence on material photoconductivity and electronic stability 33237
Alyushin, M., Boehm, J., Bercovitz, J., Gushin, E., Lebedev, A., Ridiger, A., Weidenbach, R., Wells, R., Wieman, H. Laser calibration system for STAR TPC 58621
Alzaher, H.A. *see* Abuelma'atti, M.T. 31364
Alzahrani, F., Chen, T. A real-time high performance edge detector for computer vision applications 43325
Alzer, H. On some inequalities for the gamma and psi functions 40134
Alzetta, J.-P. *see* Genicot, J.-L. 49828
Amadelli, R., Enea, O. Electrochemistry with metal/solid polymer electrolyte membranes: aspects of the O_2 reduction and H_2 oxidation 9529
Amadeo, P. *see* Zerbini, M. 36862
Amadieu, J.-L., Frayssé, V. Automatic air-to-ground target recognition using LWIR FPA's 38167
Amadon, A. *see* Aleksan, R. 59201
Amagai, M. The effect of stress intensity on package cracking in lead-on-chip (LOC) packages 10084
Amagai, M. Investigation of stress singularity fields and stress intensity factors for cracks 10131
Amagai, M., Umeda, Y. Mechanical characteristics of die attach material in ball grid array (BGA) packages 52264
Amagi, S., Takahashi, D., Yoshida, T. Threshold sheath potential for the nucleation and growth of cubic boron nitride by inductively coupled plasma enhanced chemical-vapor deposition 40518
Amako, Y. *see* Maruyama, F. 32783
Amaldi, E. *see* Mattavelli, M. 46004
Amaldi, P. *see* Gaillard, I. 59996
Amaldi, U. TERA programme: medical applications of protons and ions 49764
Amami, M. *see* Iijima, T. 37238
Amami, M. *see* Sahu, S.K. 37360
Amamiya, M. *see* Tsuruta, N. 15548
Amamiya, Y., Shimawaki, H., Furuhata, N., Mamada, M., Goto, N., Honjo, K. Lateral p⁺/p regrown base contacts for AlGaAs/InGaAs HBTs with extremely thin base layers 1713
Amamiya, Y. *see* Murakami, S. 31501
Amamiya, Y. *see* Suzuki, Y. 47937
Aman, J. *see* Chartier, J.-M. 14245
Amand, F., Benesty, J., Gilloire, A., Grenier, Y. A fast two-channel projection algorithm for stereophonic acoustic echo cancellation 15014
Amand, T. *see* La Jeune, P. 54076
Amann, C.A. Alternative fuels and power systems in the long term [automobiles] 61283
Amann, H., Liebe, T. Fiber optic data telemetry for deepsea research, the new system on the German RV "SONNE" 46999
Amann, H., Lorenz, L. Space-saving but large and cumbersome. The miniturization of switching network components with high-blocking-voltage SIPMOS small-signal transistors 31112
Amann, H., Lorenz, L., Moser, H. A hot affair. Multi-channel power switching devices: a step in the miniaturization of electronic devices 32420
Amann, M. *see* Ponpon, J.P. 32184
Amann, M. *see* Ramunno, G. 37332
Amann, M.-C., Hakimi, R., Borchert, B., Illek, S. Linewidth broadening by 1/f noise in wavelength-tunable laser diodes 44462
Amann, N. *see* Rogers, E. 40753
Amano, A. *see* Asada, N. 7405
Amano, C. *see* Sale, T.E. 33490
Amano, C. *see* Tadokoro, T. 44574
Amano, H., Sota, S., Nishikawa, M., Yoshida, M., Kawaguchi, M., Ohta, M., Sakai, H., Akasaki, I. Fabrication and properties of AlGaN/GaInN double heterostructure grown on 6H-$SiC(0001)_{Si}$ 10807
Amano, H. *see* Akasaki, I. 41977
Amano, H. *see* Akasaki, I. 55667
Amano, H. *see* Burm, J. 32459
Amano, H. *see* Jinwook Burm 54686
Amano, H. *see* Kamei, T. 41124
Amano, H. *see* Kaneko, Y. 32222
Amano, H. *see* Koike, M. 13883
Amano, H. *see* Kunzer, M. 31854
Amano, H. *see* Liliental-Weber, Z. 10804
Amano, H. *see* Nakamura, K. 13392
Amano, H. *see* Nishi, H. 43355
Amano, H. *see* Shirakawa, Y. 58990
Amano, H. *see* Takeuchi, T. 54223
Amano, H. *see* Takeuchi, T. 55396
Amano, H. *see* Wei Li 12381
Amano, I. *see* Sasaki, S. 53900
Amano, J. *see* Foster, C.M. 40313
Amano, K., Matsushita, F., Yanagawa, H., Cohen, M., Herder, J., Koba, Y., Tohyama, M. The Pioneer sound field control system at the University of Aizu Multimedia Center 27188
Amano, K. *see* Nishida, Y. 31346
Amano, M. Effect of steam and gas flow rate of surface sea water and deep sea water temperature change on working range in barometric type OC-OTEC system 19626
Amano, M. Effects of noncondensable gases on performance of a condenser in open-cycle OTEC systems 19627
Amano, M. Effect of fluctuation of surface sea water temperature and ambient pressure on evaporation rate of evaporator in barometric type OC-OTEC system 19628
Amano, M. *see* Sato, M. 19281
Amano, M. *see* Shuto, Y. 33721
Amano, M. *see* Usui, M. 13644
Amano, O. *see* Ichikawa, M. 56167
Amano, S. *see* Matsuoka, S. 24072
Amano, T., Hiura, S., Yamaguti, A., Inokuchi, S. Eigen space approach for a pose detection with range images 5283
Amano, T. *see* Hamamoto, T. 1399
Amano, Y. *see* Shirai, K. 57792
Amanowicz, M. Concepts for military communications and information systems evolution 8627
Amantuma, K. *see* Koike, H. 2999
Amanuma, K., Kunio, T. Low-voltage switching characteristics of $SrBi_2Ta_2O_9$ capacitors 2998
Amar, A. *see* Jin, I. 53548
Amar, A. *see* Tomsovic, K. 51422
Amar, A. *see* Vlahacos, C.P. 7556
Amar, G.Ben *see* Ben Amar, G.
Amar, J.G., Family, F. Critical temperature for mound formation in molecular-beam epitaxy 21291
Amara, A. *see* Beaurin, O. 53203
Amara, N.Ben *see* Ben Amara, N.
Amaral, M.R., Jr. *see* Sanchez Li, J.L. 3043
Amaral, T.Perez *see* Perez Amaral, T.
Amaral, V.S. *see* De Azevedo, M.M.P. 3187
Amarandos, M., Lines, J., Yuknis, D. Video crosspoint switch for multi-media applications 47485
Amarasinghe, S.K. *see* Mital, D.P. 35144
Amarasinghe, S.K. *see* Mital, D.P. 35145
Amaratunga, A.J. *see* Udrea, F. 22834
Amaratunga, A.J. *see* Udrea, F. 42979
Amaratunga, G. *see* Udrea, F. 54622
Amaratunga, G.A.J., Kong, M.G., Silva, S.R.P. Plasma enhancement of current from carbon cathodes for field emission displays 1916
Amaratunga, G.A.J., Udea, F. The new generation of power semiconductor devices 42898
Amaratunga, G.A.J. *see* Garner, D.M. 2595
Amari, S., Bornemann, J. A study of the symmetry of field patterns of elliptic horns fed by elliptic waveguides 34339
Amari, S., Bornemann, J. Application of a pole-free modal field-matching technique to ridged rectangular waveguides 56109
Amari, S., Bornemann, J., Vahldieck, R. Comparative study of two integral-equation formulations for inductive irises in rectangular waveguides 14687
Amari, S., Bornemann, J., Vahldieck, R. Application of a coupled-integral-equations technique to ridged waveguides 14691
Amari, S., Bornemann, J., Vahldieck, R. Accurate analysis of scattering from multiple waveguide discontinuities using the coupled-integral equations technique 34153
Amari, S., Cichocki, A., Yang, H.H. A new learning algorithm for blind signal separation 56388
Amari, S., Lenadan, T., Bornemann, J., Vahldieck, R. Accurate solution of waveguide model of microstrip discontinuity with the use of basis functions with edge conditions 24522
Amari, S., Mufit Ulug, A., Bornemann, J., van Zijl, P.C.M., Barker, P.B. Multiple tuning of birdcage resonators 49466
Amari, S., Sornemann, D., Vahldieck, R. A technique to locate minima in singular-value decomposition for eigenvalue problems in electromagnetics 56107
Amari, S. *see* Cichocki, A. 24996
Amari, S. *see* Douglas, S.C. 4711
Amari, S. *see* Yang, H.H. 15274
Amarnath, K.R., Kumana, J.D., Shah, J.V. Benchmarks for industrial energy efficiency 29898
Amati, S. *see* Andreoni, A. 3739
Amato, A. *see* Finocchiaro, P. 37097
Amato, A. *see* Rovelli, A. 49146
Amato, F., Mattei, M., Pironti, A. Robust control of a power supply system for an arc heater 9729
Amato, G. *see* Manfredotti, C. 40519
Amato, G. *see* Parisini, A. 41818
Amatuni, L.E. *see* Klushin, A.M. 32909
Amatuni, L.E. *see* Klushin, A.M. 43825
Amaudruz, P.A. *see* Agnello, M. 37458
Amazeen, C.A., Locke, M.C. US Army's new handheld standoff mine detection system (HSTAMIDS) 8620
Ambach, K. *see* Toga, A.W. 59490
Ambacher, O., Angerer, H., Dimitrov, R., Rieger, W., Stutzmann, M., Dollinger, G., Bergmaier, A. Hydrogen in gallium nitride grown by MOCVD 41956
Ambacher, O., Brandt, M.S., Dimitrov, R., Metzger, T., Stutzmann, M., Fischer, R.A., Miear, A., Bergmaier, A., Dolinger, G. Thermal stability and desorption of group III nitrides prepared by metal organic chemical vapor deposition 21282
Ambacher, O., Dimitrov, R., Lentz, D., Metzger, T., Rieger, W., Stutzmann, M. Growth of GaN/AlN by low-pressure MOCVD using triethylgallium and tritertbutylaluminium 10776
Ambacher, O., Dimitrov, R., Lentz, D., Metzger, T., Rieger, W., Stutzmann, M. Growth of GaN/AlN and AlGaN by MOCVD using triethylgallium and tritertiarybutylaluminium 40451
Ambacher, O. *see* Brandt, M.S. 13880
Ambacher, O. *see* De Mierry, P. 41913
Ambacher, O. *see* Fischer, R.A. 40338
Ambacher, O. *see* Kelly, M.K. 41955
Ambarian, C. *see* Woodworth, A. 40901
Ambats, I. *see* Allison, W.W.M. 37269
Ambe, T. *see* Liu, W. 24363
Ambellouis, S., Cabestaing, F. Motion analysis with a time delayed neural network 46513
Ambiatello, C. *see* Over, H. 41864
Amblard, G. *see* Schiltz, A. 42856
Amblard, P.-O. *see* Pierson, V. 48156
Amblard, P.O. *see* Lilensten, J. 56529
Amblard, P.O. *see* Ravier, P. 34938
Amblard, P.O. *see* Ravier, P. 45876
Ambos, P., Duc, G., Falinower, C.M. Loop shaping H_∞ design applied to the steam generator level control in EDF nuclear power plants 9057
Ambri, M. *see* Venet, T. 12226
Ambrico, M., Martino, R., Smaldone, D., Capozzi, V., Lorusso, G., Perna, G., Giardini, A., Mele, A. Laser ablation of highly oriented CdSe thin films and CdTe/CdSe multilayers on silicon substrate 10865
Ambrico, M., Smaldone, D., Martino, R., Capozzi, V., Perna, G., Lorusso, G., Giardini, A., Mele, A. Photoluminescence and X-ray analysis of laser deposited II-VI thin films and multilayered structures 21359
Ambrico, M. *see* Giardini, A. 903
Ambriz-Hernandez, F.deJ. *see* Munoz-Rodriguez, D. 43706
Ambrogiani, M., Baldini, W., Betoni, D., Bombonati, M., Bonsi, D., Calabrese, R., Luppi, E., Mussa, R., Stancari, G. Construction and performance of a cylindrical scintillating fiber detector for experiment 835 at FNAL 59219
Ambrose, B.D. *see* Ellis, M.S. 39959
Ambrosia, V.G. *see* Richardson, L.L. 50110
Ambrosini, D. *see* Spagnolo, G.S. 48628
Ambrosini, R., Grueff, G., Morsiani, M., Maccaferri, G., Zacchiroli, P., Orfei, A. Analysis of the alidade temperature behaviour of the Medicina VLBI radiotelescope 36301
Ambrosini, R. *see* D'Amico, N. 36303
Ambrosio, M. *see* Agnetta, G.A. 18096
Ambrosy, A., Buchali, F., Deppisch, B., Florjancic, M., Hehmann, J., Hirler, H.-P. Reliability investigations of Au/Au thermo compression flip chip bonded laser diode arrays for parallel optical links 26745
Ambrosy, A. *see* Lach, E. 16732
Ambrosy, A. *see* Vetter, P.J. 13603
Ambrozic, V. *see* Nedeljkovic, D. 8758
Amburgey, O.G. *see* Harmon, R.W. 50613
Ambus-Spies, K., Neis, H.-C., Terwijn, S.A. Genericity and measure for exponential time 579
Ambuselvan, T., Krishnamurthy, E., Madhumathi, S., Manonmani, T., Aravindan, R.J.G., Babu, A.K. Bone growth stimulator 18480
Amca, H. *see* Bilgekul, H. 4422
Amdt, F. *see* Ritter, J. 21880
Ameen, T.M. *see* Khidir, M.T.M. 8955
Amekura, H. *see* Kishimoto, N. 55394
Amemiya, C. *see* Saitou, S. 31102
Amemiya, H. *see* Shimizu, K. 41738
Amemiya, K. *see* Matsukawa, N. 2836
Amemiya, K. *see* Yamada, S. 1343
Amemiya, M. *see* Murakami, M. 16782
Amemiya, M. *see* Murakami, M. 26794
Amemiya, N., Tsuchioka, N., Tsukamoto, O. Measurement of current distribution in superconducting non-insulated stranded cable 43772
Amemiya, N. *see* Fukui, S. 43775
Amemiya, Y. Analog computation using quantum structures: a promising computation architecture for quantum processors 21829
Amemiya, Y. *see* Akazawa, M. 31450
Amemiya, Y. *see* Nakamura, H. 28454
Amend, D. *see* El-Gizawy, A.S. 39746

Amendola, G., Di Massa, G. Elliptical-hyperbolic patch antennas 4366
Amendolia, S.R., Bisogni, M.G., Campbell, M., Cola, A., D'Auria, S., Da Via, C., Heijne, E.H.M., Fantacci, M.E., O'Shea, V., Rosso, V., Smith, K., Vasanelli, L. Experimental study of LEC GaAs detectors for X-ray digital radiography 37346
Amendolia, S.R. *see* Bertolucci, E. 37628
Amengual, J.C., Vidal, E. Two different approaches for cost-efficient Viterbi parsing with error correction 15029
Amer, A., Abouzeid, M., Khalil, A. Speed control of axial field switched reluctance motors 9191
Amer, A.H. *see* Moustafa, Y.G. 19297
Amer, F.Z. A novel built-in-self test structure for analog circuits with application to filters 58638
Amer, H.A. *see* El-Hadidi, M.T. 6242
Amer, M.A., Abdel-Hamid, B.A., Fausett, D. Parallelization of the Kronecker product technique for solving rank deficient least-squares problems 21149
Amer, T.A. *see* Khalil, D.A. 55288
Amer-Yahia, C., Djennoune, S., Ferney, M. DSP-based system for pattern recognition and registration of ECG pulses 59568
Amer-Yahia, C., Zerhouni, N., El-Moudni, A., Ferney, A. State variable description and controllability of a class of continuous Petri nets 454
Amerasekera, A., McNeil, V., Rodder, M. Correlating drain junction scaling, salicide thickness, and lateral NPN behavior, with the ESD/EOS performance of a 0.25 μm CMOS process 43303
Amerasekera, A., Mi-Chang Chang, Duvvury, C., Ramaswamy, S. Modeling MOS snapback and parasitic bipolar action for circuit-level ESD and high-current simulations 43084
Amerasekera, A. *see* Banerjee, K. 42709
Amerasekera, A. *see* Chatterjee, A. 2805
Amerasekera, A. *see* Duvvury, C. 2655
Amerasekera, A. *see* Duvvury, C. 22975
Amerasekera, A. *see* Ramaswamy, S. 21598
Americo, M. *see* Cavalcante, F. 7486
Americo, M. *see* Stephan, R. 61374
Amersfoort, M.R., Zah, C.E., Pathak, B., Favire, F., Lin, P.S.D., Rajhel, A., Andreadakis, N.C., Bhat, R., Caneau, C., Koza, M.A. Wavelength accuracy and output power of multiwavelength DFB laser arrays with integrated star couplers and optical amplifiers 44511
Amersfoort, M.R. *see* Soole, J.B.D. 26929
Amersfoort, M.R. *see* Soole, J.B.D. 48000
Amersfoort, M.R. *see* Youtsey, C. 23642
Amersfoort, M.R. *see* Zah, C.E. 55630
Amersfoort, P.W.van *see* van Amersfoort, P.W.
Amersfoort, W.Van *see* Van Amersfoort, W.
Amerson, R. *see* Culbertson, W.B. 28147
Ames, A.L. Adding realism with lighting 26164
Ames, L.L. *see* Targ, R. 27088
Amestoy, P.R., Davis, T.A., Duff, I.S. An approximate minimum degree ordering algorithm 597
Ametani, A., Nagaoka, N., Noda, T., Matsuura, T. A simple and efficient method for including frequency-dependent effects in transmission line transient analysis 50506
Ametani, A. *see* Noda, T. 28860
Ameur, K.A. *see* Even, P. 44352
Ameur, K.Ait *see* Ait Ameur, K.
Amey, D.I., Horowitz, S.J. Microwave material characterization 53564
Amey, D.I., Horowitz, S.J. High frequency characterization of advanced ceramic materials 53577
Amey, D.I. *see* Horowitz, S.J. 298
Amey, D.I. *see* Horowitz, S.J. 12052
Amey, D.I. *see* Horowitz, S.J. 53740
Amey, S.C. *see* Goossen, K.W. 13772
Amezawa, K., Ratkje, S.K. Thermoelectric power measurements of proton conducting Sr-doped $LaPO_4$ 51536
Ameziane, E.L. *see* Debbagh, F. 917
Amft, D. Selection of the contact material for low-voltage contactors 29493
Ami, M. *see* Watanabe, K. 21344
Ami, T. *see* Isobe, C. 52799
Ami, T. *see* Suzuki, M. 10741
Amici, G.De *see* De Amici, G.
Amick, M.A. *see* Goldsmith, G.C., II 28509
Amidror, I. Fourier spectrum of radially periodic images 57135
Amilcar, P. *see* Malaquias, J.L. 58657
Amimi, A., Bouchakour, R., Maurel, T. Modeling and simulation of self-heating and/or degradation effects for the IGBT transistor 54660
Amin, A.El *see* El Amin, A.
Amin, F. *see* Sheng, H. 54602
Amin, F.A. *see* Bashar, S.A. 54601
Amin, J., Aust, J.A., Sanford, N.A. Z-propagating waveguide lasers in rare-earth-doped Ti:$LiNbO_3$ 14014
Amin, J., Pruneri, V., Webjorn, J., Russell, P.S.J., Hanna, D.C., Wilkinson, J.S. Blue light generation in a periodically poled Ti:$LiNbO_3$ channel waveguide 24150
Amin, M., Hussain, S.S. Transients on test transformer and methods of their prevention 60836
Amin, M.B., Vinnakota, B. Zamlog: a parallel algorithm for fault simulation based on Zambezi 11120
Amin, M.B., Vinnakota, B. Data parallel sequential circuit fault simulation 11282
Amin, M.G. High resolution direction of arrival estimation of multiple wide-band sources in multichannel adaptive nulling systems 25124
Amin, M.G. Interference mitigation in spread spectrum communication systems using time-frequency distributions 26484
Amin, M.G., Venkatesan, G.T., Patti, J. Time-frequency distribution kernels using FIR filter design techniques 4807
Amin, M.G. *see* Belouchrani, A. 24892
Amin, M.G. *see* Jouny, I.I. 34423
Amin, M.G. *see* Jouny, I.I. 36220
Amin, M.G. *see* Roberts, D.S. 6490
Amin, M.G. *see* Venkatesan, G.T. 15258
Amin, M.G. *see* Venkatesan, G.T. 15367
Amin, M.R. *see* Minami, K. 12108
Amin, M.R. *see* Minami, K. 22181
Amin, N. *see* Mao, S. 13433
Amir, E., McCanne, S., Vetterli, M. A layered DCT coder for Internet video 56717
Amir, E. *see* Fox, A. 6072
Amir, N. *see* Goren, D. 39041
Amiranoff, F., Antonetti, A., Audebert, P., Bernard, D., Cros, B., Dorchies, F., Gauthier, J.C., Geindre, J.P., Grillon, G., Jacquet, F., Matthieussent, G., Marques, J.R., Mine, P., Mora, P., Modena, A., Morillo, J., Moulin, F., Najmudin, Z., Specka, A.E., Stenz, C. Laser particle acceleration: beat-wave and wakefield experiments 17898
Amirhaghi, S., Kenyon, A.J., Federighi, M., Pitt, C.W. Non-destructive assessment of semiconductor carrier lifetime using photothermal radiometry 39906
Amiri, A., Pirkul, H. Routing and capacity assignment in backbone communication networks 35521
Amirmehrabi, H., Viswanathan, R. A new distributed constant false alarm rate detector 36205
Amirov, I.I., Izyumov, M.O. Features of SiO_2 and Si etching in a low-pressure fluorocarbon RF-discharge plasma 42600
Amishiro, H. *see* Kohno, H. 41264
Amistoso, M. *see* Tan, T.S. 27568
Amit, Y. Graphical shape templates for automatic anatomy detection with applications to MRI brain scans 28213
Amitai, Y. *see* Reinhorn, S. 44748
Amitai, Y. *see* Shechter, R. 4108
Amitai, Y. *see* Shechter, R. 4151
Amjad, A.M. *see* Halliday, D.M. 49630
Amjadi, H. Thermal-pulse investigation of thermally grown silicon dioxide electrets 54863
Amjadi, H. Charge storage in double layers of silicon dioxide and silicon nitride 54870
Amjadi, H. *see* Sessler, G.M. 33110
Amman, M. *see* Celata, C.M. 60027
Ammann, C., Dupertuis, M.A., Bockelmann, U., Deveaud, B. Electron relaxation by LO phonons in quantum wires: an adiabatic approach 42170
Ammann, D., Thiel, A., Habiger, C., Troster, G. CostAS-KGD process cost modeling 22109
Ammar, C.F.-B. *see* Dolgaev, S.I. 54377
Ammar, F.B. *see* Peter-Contesse, L.-O. 60738
Ammar, F.Ben *see* Ben Ammar, F.
Ammar, M. *see* Krupczak, B. 57654
Ammar, M.H. *see* Clark, R.J. 46797
Ammar, M.H. *see* Lee, C. 46779
Ammar, M.H. *see* Rouskas, G.N. 47908
Ammar, M.H. *see* Rouskas, G.N. 58266
Ammar, M.H. *see* Shun Yan Cheung 46799
Ammari, A.C., Pierrat, L. Improving transient stability of a synchronous machine by electronic commutation of a neutral capacitor bank 9201
Ammerlaan, M.J.J. *see* Blaauw, M. 49331
Ammermann, D., Bohler, A., Dirr, S., Johannes, H.-H., Kowalsky, W. Multilayer organic light emitting diodes for flat panel displays 17605
Ammo, H. *see* Miwa, H. 22950
Ammon, W.von *see* von Ammon, W.
Ammons, J.C., Carlyle, M., Cranmer, L., DePuy, G., Ellis, K., McGinnis, L.F., Tovey, C.A., Xu, H. Component allocation to balance workload in printed circuit card assembly systems 52170
Ammous, A. *see* Allard, B. 53033
Ammundsen, N. *see* Carlsen, H. 29654
Amner, J.A. *see* Hearn, G.I. 33845
Amochkina, T.V. *see* Vasil'ev, F.P. 487
Amod Saxena, V. *see* Jialing Cai 8134
Amodio, P., Brugnano, L. Parallel implementation of block boundary value methods for ODEs 30648
Amodio, P., Paprzycki, M. A cyclic reduction approach to the numerical solution of boundary value ODEs 40184
Amols, H.I., Zaider, M., Weinberger, J., Ennis, R., Schiff, P.B., Reinstein, L.E. Dosimetric considerations for catheter-based beta and gamma emitters in the therapy of neointimal hyperplasia in human coronary arteries 59767
Amon, C., Chae, K., Egan, E., Kasabach, C., Siewiorek, D., Smailagic, A., Stivoric, J. System-level thermal management and concurrent system design of a wearable multicomputer system 258
Amon, C.H. *see* Egan, E. 254
Amon, C.H. *see* Osio, I.G. 40775
Amon, J., Zemke, D., Hoffmann, B., Mueller, G. Growth of 2" InP and GaAs crystals by the vertical gradient freeze (VGF) technique and characterization 10640
Amon, M., Winkler, S., Dekker, K., Bolz, A., Mittermayer, C., Schaldach, M. Introduction of a new coronary stent with enhanced radioopacity and hemocompatibility 59790
Amon, M. *see* Schaldach, M. 28439
Amon, S. *see* Krizaj, D. 37517
Amon, S. *see* Sokolic, S. 32383
Amon, S. *see* Sokolic, S. 42958
Amone, D. *see* Collins, C.E. 53635
Amone, M. *see* Wang, A.H. 11952
Amonov, M.Z. *see* Ashurov, M.Kh. 55583
Amons, P.S. *see* Gregory, O.J. 48460
Amoore, J.N., Geake, W.B., Scott, D.H.T. Oscillometric non-invasive blood pressure measurements: the influence of the make of instrument on readings? 49404
Amor, M., Arguello, F., Heras, M.J.M.y.D.B. Vectorization of the divide-and-conquer algorithms 25183
Amora, A.I., Ghali, H. Full wave analysis of HTS superconducting microstrip transmission lines using spectral-domain immittance approach 55150
Amoretti, R. *see* Vespasiani, G. 18180
Amorim, H.S.de *see* de Amorim, H.S.
Amorim, H.T., Cardoso, G.C., de Araujo, M.T., Vermelho, M.V.D., Gouveia, E.A., Gouveia-Neto, A.S. Harmonic generation and frequency upconversion in Pr^{3+}-doped germanosilicate optical fibers pumped at 1.319 μm 14362
Amorim, I.B. *see* Martins, H.J.A. 19921
Amoruso, V., Lattarulo, F. Electromagnetic performances of concentrated groundings stricken by lightning discharges 8961
Amoruso, V., Latterulo, F. A graphical approach to the unipolar point-to-plane corona 33810
Amory, D. *see* Benni, P.B. 59432
Amory, D. *see* Li, J.K.-J. 59427
Amory, D.W. *see* Zakzewski, C.A. 18496
Amos, N., Cremaldi, L., Finocchiaro, G., Gobbi, B., Ng, K.K., Manzella, V., Peskov, V., Rajagopalan, S., Rubinov, P., Schamberger, D., Sellberg, G., Steffens, J., Tilden, R., Wang, P., Yu, Y. Position resolution of MSGCs with cathode readout 37445
Amos, N. *see* Miyamoto, J. 59269
Amosova, L.P., Marmur, I.Y., Oksman, Ya.A., Vereshchagin, I.I., Ashmontas, S. Fast-response infrared photocathodes 1902
Amour, A.St. *see* St. Amour, A.
Amouroux, M. *see* Monteil, C. 61341
Amphlett, J.C., Mann, R.F., Peppley, B.A., Roberge, P.R., Rodrigues, A. A model predicting transient responses of proton exchange membrane fuel cells 20001
Amra, C. *see* Giovannini, H. 4118
Amra, C. *see* Sigogne, D. 14157
Amrani, H. *see* Fabre, A. 11572
Amrani, O. *see* Yellia, D. 34589
Amrein, M. *see* Schenk, M. 18304
Amrhein, W. Corrective currents for high torque performance of brushless permanent magnet motors 61154
Amsaleg, L., Tomasic, A., Franklin, M.J., Urhan, T. Scrambling query plans to cope with unexpected delays 26103
Amundson, P.H. One aspect of multi-spectral scene projection (MSSG): radar-infrared scene combination for use in hardware-in-the-loop simulation test facilities 28521
Amy-Klein, A. *see* Chardonnet, Ch. 36362
Amyot, N., Pelissou, S. Field-aged cable material diagnosis by thermally stimulated currents 38361
Amyot, N., Pelissou, S., Toureille, A. Thermally stimulated currents and space charge studies on field-aged extruded cable material 19351
Amyot, N. *see* Lamarre, L. 19358
Amyot, N. *see* Pelissou, S. 8908
Amzajerdian, F. Experimental evaluation of InGaAs photodetectors for two-micron coherent lidars 7360
An, E. *see* Smith, S.M. 38093
An, M.-H., Lee, C.-N. Stereo vision based on algebraic curves 5114
An, M.H. *see* Keunjoo Kim 54439
An, P.T. *see* Phu, H.X. 10369
An, Y.K. *see* Morishita, S. 30993
An Chengwu, Wang Youqing, Song Wendong, Mertin, M., Wesner, D.A., Kreutz, E.W. Influence on the flight velocity of laser induced plasma from $BaTiO_3$ 890
An Chenwu *see* Wang Qiuliang 39254
An Gui-Ren *see* Zhao Yu-Cheng 43938
An Hai-Yan *see* Huang Jing-Song 44285
An Haiyan *see* Sun Hongbo 14191
An Haiyan *see* Haiyan An
An Hui Liang, Tsang, H.K., Chan, L.Y. Two new transform-limited criteria and their applications in ultrafast optics and soliton systems 17824
An Kuan-Shen *see* Kuan-Shen An
An Kyungwon *see* Kyungwon An
An Le Thi Hoai *see* Le Thi Hoai An
An Liu *see* Liu An
An Mei Chen *see* Xiaoli Yu 25636
An Myoung *see* Myoung An
An Shouzhong, Li Jianfang, Jiao Yong Several studies on photoconductive thermoplastic holographic recording material and its applied technology 44826
An Yuying *see* Yuying An
An-Chang Deng *see* Huang, C.X. 21441
An-Chen Lee *see* Yi-Hua Fan 51446
An-Fu Tzou *see* Tzou An-Fu
An-Hsiung Chang *see* Abu-Faraj, Z.O. 18539

An-Nan Suen, Jhing-Fa Wang, Bor-Yueh Liu A programmable application-specific CELP processor with parallel architectures 24850
An-Nan Suen, Jhing-Fa Wang, Tswen-Duh Wang A programmable application-specific VLSI architecture and implementation for speech word-recognizer 41257
An-Yeu Wu, Liu, K.J.R., Zhongying Zhang, Nakajima, K., Raghupathy, A. Low-power design methodology for DSP systems using multirate approach 1499
An-Yu Kuo *see* Wen-Tang Chen 277
An-Zhi He *see* Da-Peng Yan 35241
An-Zhi He *see* Xiao-Wu Ni 55948
Anable, J.W. How to make intellectual property work for you 30084
Anada, T., Benson, T.M., Sewell, P., Kendall, P.C. Oblique wide angled beam propagation 23560
Anada, T. *see* Arrand, H. 33092
Anada, T. *see* Sewell, P. 55233
Anagnostopoulos, A. *see* Daviti, M. 30691
Anagnostopoulos, D., Georgiadis, P., Nikolaidou, M., Gyftodimos, G. Network simulation: a real time simulation methodology 47129
Anagnostou, E.N. *see* Krajewski, W.F. 38074
Anagnostou, M. *see* Christides, C. 3156
Anai, K. *see* Saito, K. 16277
Analoui, M. *see* Kagawa, Y. 14570
Anami, K. *see* Murohka, H. 59271
Anami, K. *see* Uozumi, Y. 49315
Anami, S. *see* Fukuda, S. 37132
Anami, S. *see* Ueno, A. 37029
Anamkath, H., Gower, F., Mendonsa, R., Miller, R., Whitham, K., Zante, A. An industrial application of a pulsed power modulator 60865
Anan, F. *see* Harada, K. 41545
Anan, T., Kudo, H., Saito, T. Stochastic region swelling-shrinking model for region extraction of image 25717
Anan, T., Ohtsu, M., Kudo, H., Saito, T. New stochastic sampling method for region extraction: theory and experiments 25260
Anan, T. *see* Saito, T. 15931
Ananadkumar, J. *see* Szu, H.H. 59737
Ananasso, F. Satellites and the global information infrastructure 47880
Anand, A.K., Cook, C.S., Corman, J.C., Smith, A.R. New technology trends for improved IGCC system performance 29117
Anand, A.L. Role of laser therapy in management of "treatment failure" cases of pulmonary tuberculosis as an adjuvant to chemotherapy 18505
Anand, G.L. *see* Chabra, O.P. 9180
Anand, M.B., Yamada, M., Shibata, H. NURA: a feasible, gas-dielectric interconnect process 2441
Anand, S., Carlsson, S.-B., Deppert, K., Montelius, L., Samuelson, L. Electron transport at Au/InP interface with nanoscopic exclusions 54246
Anand, S. *see* Carlsson, N. 40336
Anand, S. *see* Ghiyasvand, M.S. 8057
Anand, S. *see* Koul, V. 18242
Anand, S. *see* Sridhar, V. 8149
Anand Kumar, K. *see* Varadarangan, K. 4395
Anandakumar, A., Kassam, S.A. Nonlinear multiresolution decomposition with applications in image restoration 5248
Anandakumar, K. *see* Murphy, C.D. 47465
Anandan, P. *see* Burt, P. 17699
Anandan, P. *see* Irani, M. 5144
Anan'ev, Yu.A., Solov'ev, V.D. On unstable resonators with a semitransparent output mirror 14206
Ananich, S.E. *see* Komarov, F.F. 54335
Ananin, S.I., Astashinskii, V.M. Structure of a plasma flow in a quasisteady high-current accelerator with a penetrable cathode transformer 36997
Ananth, R. *see* Agarwal, S. 32835
Ananthakrishna, G. *see* Uma, K. 28141
Ananthakrishnaiah, U. *see* Sesappa Rai, A. 52562
Ananthakrishnan, S. The Giant Metrewave Radio Telescope 7023
Ananthanarayanan, A. *see* Mantey, P.E. 20502
Ananthanarayanan, A. *see* Wittenbrink, C.M. 6201
Ananthapadmanabha, T., Kulakarni, A.D., Rao, A.S.G., Char, J.G., Rao, K.R., Parthasarathy, K. Knowledge-based methodology for intelligent sequence switching, fault identification and service restoration of distribution system 38341
Anarim, E. *see* Yemez, Y. 57286
Anashin, V.V., Beschastnov, P.M., Goldberg, I.I., Golubev, V.B., Druzhinin, V.P., Dubrovin, M.S., Mironenko, L.A., Pyata, E.A., Serednyakov, S.I., Silagadze, Z.K., Usov, Yu.V. Vacuum photodetectors for e^+e^- collider detectors in BINP 36549
Anashkin, E.V., Chernyak, D.V., Fedotovich, G.V., Khazin, B.I., Lukin, P.A., Maksimov, A.V., Ruban, A.A., Snopkov, I.G., Solodov, E.P., Zavarzin, V.G. Calibration of CMD-2 drift chamber 37232
Anastasi, G., Lenzini, L., Meini, B. Performance evaluation of a worst case model of the MetaRing MAC protocol with global fairness 46721
Anastasi, G. *see* Messina, N. 8767
Anastassakis, E., Popovic, Z.V. Selection rules for light scattering by folded acoustic phonons in low-index Si-based superlattices 2169
Anastassiou, G.A., Bendikov, A. A sharp error estimate for the numerical solution of multivariate Dirichlet problems 10288
Anastassiu, H.T., Volakis, J.L., Ross, D.C. An AIM based analysis of electromagnetic scattering from jet engine blades 36251
Anastassiu, H.T. *see* Lakhtakia, A. 44848
Anatychuk, L.I., Demchuk, B.N. Multi-element thermoelectric converters 39245
Anatychuk, L.I., Kosyachenko, S.V., Melnichuk, S.V. Texture influence on the forming of thermoelectric properties of pressed semiconductors 31920
Anatychuk, L.I., Luste, O.J. Reliability theory in thermoelectricity 39237
Anatychuk, L.I., Luste, O.J. Physical principles of microminiaturization in thermoelectricity 39242
Anatychuk, L.I., Luste, O.J., Vikhor, L.N. Optimal functions as an effective method for thermoelectric devices design 39233
Anatychuk, L.I., Mikhailovskii, V.Y., Konopelnyuk, V.V. Miniature thermoelectric generators (TEG) with catalytic heating 39249
Anatychuk, L.I., Vikhor, L.N., Misawa, K., Suzuki, N. Rational conditions and prospects for two-stage cooling modules use 39436
Anaut, D. *see* Di Mauro, G. 19315
Anayi, F.J. *see* Basak, A. 27851
Anbo, T. *see* Matsuura, T. 21818
Anbukumar, S. *see* Ravi, G. 13248
Anbuselvan, T. *see* Madhumathi, S. 18295
Anc, M.J., Allen, L.P., Dolan, R.P., Cordts, B.F., Ryding, G., Mendicino, M.A., Xiaoyu Shi, Maszara, W., Dockerty, R., Vasudev, P.K., Roitman, P. Characterization of low dose SIMOX for low power electronics 22457
Anc, M.J., Krull, W.A., Ryding, G. Investigation of extreme anneal in SIMOX 42294
Anc, M.J., McMarr, P.J., Mrstik, B.J., Hughes, H.L. Effects of process conditions on the material characteristics of SIMOX with ITOX 12595
Anc, M.J. *see* Allen, L.P. 42289
Anc, M.J. *see* Lawrence, R.K. 12593
Ancarani, F., de Gloria, A., Olivieri, M., Uber, A. System level modelling and simulation 52994
Ancarani, F., De Gloria, D., Olivieri, M., Stazzone, C. Design of an ASIC architecture for high speed fractal image compression 15915
Anchisini, R., Faglia, G., Gallazzi, M.C., Sberveglieri, G., Zerbi, G. Polyphosphazene membrane as a very sensitive resistive and capacitive humidity sensor 27482
Anchisini, R., Faglia, G., Gallazzi, M.C., Sberveglieri, G., Zerbi, G. Polymer humidity sensors: an approach based on polyphosphazene membranes 58720
Anchisini, R. *see* Ercoli, C. 58723
Anchisini, R. *see* Sberveglieri, G. 7285
Ancoli-Israel, S., Mason, W., Coy, T.V., Stepnowsky, C., Clausen, J.I., Dimsdale, J. Evaluation of sleep disordered breathing with unattended recording: the Nightwatch System 59378
Ancona, J.J. A bid solicitation and selection method for developing a competitive spot priced electric market 60299
Ancona, M.G. Systolic processor designs using single-electron digital circuits 31303
Ancona, M.G. Single-phase single-electron digital circuits 40979
Ancona, M.G. *see* Rendell, R.W. 32467
Ancsin, J. Concerning the stability of some base metal thermocouples (Chromel, Alumel, Nisil, Nicrosil, Ni, versus Pt) 17279
Anda, J.B.Van *see* Van Anda, J.B.
Andary, J., Spidaliere, P., Jurczyk, S., Arvidson, T. Landsat 7 System design overview 8387
Anday, F. *see* Gunes, E.O. 41315
Anderegg, J. *see* Li, F. 44279
Anderer, P., Semlitsch, H.V., Saletu, B. Multichannel auditory event-related brain potentials: effects of normal aging on the scalp distribution of N1, P2, N2 and P300 latencies and amplitudes 49592
Anderhub, H. *see* Adam, A. 37280
Anderko, A., Berthold, J.W., Rafal, M., Sanders, S.J. Application of aqueous simulation software to battery research 61046
Anderl, R.A. *see* Miley, G.H. 22138
Anderlind, E., Zander, J. A traffic model for non-real-time data users in a wireless radio network 47525
Anderman, M., Cohen, F. LEO test data for 81 Ah FNC cells 59957
Anders, A., Brown, I.G., MacGill, R.A., Dickinson, M.R. Vacuum-spark metal ion source based on a modified Marx generator 29411
Anders, A., Schulke, T. Predicting ion charge state distributions of vacuum arc plasmas 22131
Anders, A. *see* Oks, E. 22123
Anders, K., Roth, N., Frohn, A. New technique for investigating phase transition processes of optically levitated droplets consisting of water and sulfuric acid 28620
Anders, M.J. *see* Bastos, P.L. 52657
Anders, M.J. *see* Bastos, P.L. 52731
Anders, M.J. *see* Bongers, M.M.G. 30821
Anders, M.J. *see* Hageman, P.R. 42374
Anders, S. *see* Jaquez, E.J. 54390
Anders, S. *see* Otooni, M.K. 10926
Anders, V.I., Kovalev, Y.I., Kolobov, M.G., Nikiforov, V.F., Safronov, A.V., Reklinskii, S.R., Ustinov, A.V. Pulsed current regulator 11164
Andersen, A.W. *see* Jorgensen, T.M. 57307
Andersen, B.D., Belkerdid, N.A. Measurement sensitivity analysis of one port BAW resonators 13398
Andersen, B.R. Digital filter bank designs for satellite transponder payloads: implementation on VLSI circuits 47873
Andersen, D.R. *see* Krolikowski, W. 4053
Andersen, D.R. *see* Lundquist, P.B. 33635
Andersen, E.D., Yinyu Ye Combining interior-point and pivoting algorithms for linear programming 30521
Andersen, H.R., Rasmussen, C.B., Ritchie, E., Pedersen, J.K. Efficiency comparison of electrical motors for energy optimized variable speed low power and low cost household equipment 61350
Andersen, J.B. *see* Pedersen, G.F. 47831
Andersen, J.D. Turbo codes extended with outer BCH code 4446
Andersen, J.D. Digital image processing: a 1996 review 35080
Andersen, J.D. *see* Hansen, K. 39983
Andersen, J.K., Dasika, P., Rahman, L., Xia, T.J., Islam, M.N. Picosecond pulse characterization using nonlinear fiber propagation 33024
Andersen, J.K. *see* Jiang, M. 33413
Andersen, K., Cook, G.E., Barnett, R.J., Strauss, A.M. Synchronous weld pool oscillation for monitoring and control 61367
Andersen, L.-U.A. *see* Ibsen, M. 16664
Andersen, L.N. *see* Hansen, L.K. 25746
Andersen, L.S., Breinbjerg, O., Moore, J.T. A comparison of exact TM plane wave diffraction by coated wedges and impedance wedges 33946
Andersen, M.A.E. MOS gate driver circuit with extremely high galvanic isolation 42897
Andersen, N.E. High deposition welding with subarc–forgotten and overlooked potential 30199
Andersen, P.E. *see* Pedersen, H.C. 14438
Andersen, P.K. *see* Bjedov, G. 20475
Andersen, T., Keller, O. Phase conjugation of optical near fields: a new nonlocal microscopic response tensor 44646
Andersen, T. *see* Ventura, D. 26043
Andersohn, L. *see* Koehler, U. 40590
Anderson, B., Cendes, Z. Three-dimensional finite element analysis of ferrite devices including spatial inhomogeneity of the permeability tensor 32880
Anderson, B.L., Collins, S.A., Jr., Klein, C.A., Beecher, E.A., Brown, S.B. Highly parallel optical device to produce true time delays for phased array antennas 45459
Anderson, B.T. *see* Rafferty, B.D. 55502
Anderson, C.J. *see* Lu, P.F. 11278
Anderson, C.M., Hwang, G.S., Gordon, M.J., Giapis, K.P. Profile evolution during neutral beam etching 54489
Anderson, C.S., Zari, M.C., Ward, R.N. Multi-functional receiver using an acousto-optic spectrum analyzer 6708
Anderson, C.S., Zari, M.C., Ward, R.N. Multi-functional receiver using an acousto-optic spectrum analyzer: an example application and results 16881
Anderson, C.W. Effects of variations in neural network topology and output averaging on the discrimination of mental tasks from spontaneous electroencephalogram 59600
Anderson, C.W., Bryan, K.M., Froyd, J.E., Hatten, D.L., Kiaer, C.L., Moore, N.E., Mueller, M.R., Mottel, E.A., Wagner, J.F. Competency matrix assessment in an integrated, first-year curriculum in science, engineering, and mathematics 20687
Anderson, D., James, W. Free at last! 800 free cellular/wireless calling service is here 47611
Anderson, D. *see* Berntson, A. 26804
Anderson, D. *see* Houck, T.L. 49092
Anderson, D. *see* Malomed, B.A. 14276
Anderson, D. *see* Westenskow, G.A. 49091
Anderson, D.B. *see* Waters, R.C. 57941
Anderson, D.J. *see* Kibedi, T. 49148
Anderson, D.R., Walimaa, S.J., Yaeger, D.L. Units and scaling factors in general purpose ATS applications 48348
Anderson, D.V. Speech analysis and coding using a multi-resolution sinusoidal transform 15019
Anderson, D.Z. *see* Vorontsov, M.A. 23593
Anderson, E. *see* Hyeong Park 1380
Anderson, E.H., Leo, D.J., Holcomb, M.D. Active system for vibration isolation of spacecraft instruments 49903
Anderson, E.R. *see* Fishkin, J.B. 37655
Anderson, F., Roberts, J., Maxfield, B. Super resolution in synthesized arrays 28682
Anderson, G.B. *see* Mei, P. 2693
Anderson, G.T. *see* Nguyen, K.D. 9008
Anderson, G.W., Kub, F.J., Carruthers, T.F., Papanicolaou, N.A., Frankel, M.Y., Katzer, D.S., Modolo, J.A., Tseng, W.F. Planar, $Al_{0.3}Ga_{0.7}As$-passivated-base heterojunction bipolar phototransistors 33269
Anderson, G.W. *see* Gao, L.J. 32796
Anderson, H. Chemical management services: leveraging IC production skills 126
Anderson, H., Chandra, A., Dzung Pham, Niones, C., Foley, M. Wirebonding interconnects with package CAD data 10115
Anderson, H.R. Coverage prediction for digital mobile systems 47696
Anderson, H.R. Coverage prediction for digital mobile systems 47699

Anderson, J., Lamy, P., Hue, L., Le Beller, L. Operations standards for global ATM networks: network element view 25843
Anderson, J. *see* Escalona, O.J. 49620
Anderson, J. *see* Mak, M.H. 49612
Anderson, J.A., Evans, J.D. Structured validation of missile systems 8710
Anderson, J.A. *see* Guan, L. 25586
Anderson, J.B. *see* Balachandran, K. 25826
Anderson, J.B. *see* Balachandran, K. 45630
Anderson, J.B. *see* Ramesh, R. 36025
Anderson, J.C. *see* Anderson, P.D. 7092
Anderson, J.E. *see* Li, J. 3483
Anderson, J.M. *see* Suhir, E. 13577
Anderson, J.M.M., Mair, B.A., Rao, M. Positron emission tomography: a review 28204
Anderson, J.M.M., Mair, B.A., Rao, M., Wu, C.-H. Weighted least-squares reconstruction methods for positron emission tomography 49543
Anderson, J.M.M. *see* Edmonson, W.W. 15191
Anderson, J.P. *see* Saraph, G.P. 1939
Anderson, J.R. *see* Gorska, M. 42042
Anderson, J.R. *see* Zhongxing Bao 41964
Anderson, K. *see* Young, P. 37201
Anderson, K.L., Iltis, R.A. A tracking algorithm for infrared images based on reduced sufficient statistics 56899
Anderson, K.Stables *see* Stables Anderson, K.
Anderson, L., Parikh, S., Nagalingam, S. Building in reliability through a 100× reduction in mobile ions in a 0.8 μm BiCMOS process 43354
Anderson, L., Primavera, A.A. Plastic ball grid array attachment: assembly and reliability performance 20895
Anderson, L. *see* Almhem, P. 9095
Anderson, L. *see* Diedrickson, N. 49934
Anderson, L. *see* Farrell, T. 58336
Anderson, L. *see* Nagalingam, S. 43349
Anderson, L.B., Makemson, J. Gas utility mapping using GPS 6704
Anderson, L.E., Cerretelli, P., Dab, W., Kato, M., Knave, B., Maddock, J.L.J., Pirotte, P., Plante, M., Sagan, L.A. Management of the EMF issue 38257
Anderson, L.K., Marshall, G.C. Technology Associates of Colorado: an experimental approach to dealing with the effects of corporate downsizing 9947
Anderson, M., North, C., Griffin, J., Milner, R., Yesberg, J., Yiu, K. Starlight: Interactive Link 26108
Anderson, M., Soo, M.S., Bentley, R., Trahey, G. Evaluation of the ultrasonic detectability of microcalcifications 18351
Anderson, M. *see* Chung-Kuei Lu 31388
Anderson, M. *see* Zimbelman, D. 49866
Anderson, M.A. *see* King, T.L. 33900
Anderson, M.A. *see* Tompkins, M.W. 33906
Anderson, M.B., Landrock, P. Encryption and interception 4533
Anderson, M.C., Norman, J.M., Diak, G.R., Kustas, W.P. A simple method for estimating surface energy fluxes and air temperatures from satellite observations 8378
Anderson, M.C. *see* Norman, J.M. 8411
Anderson, M.D., Jungst, R.G. DYNASTORE operating cost analysis of energy storage for a Midwest utility 28834
Anderson, M.E., Trahey, G.E., Soo, M.S., Bentley, R.C. The detection of breast microcalcifications with medical ultrasound 37679
Anderson, M.H. *see* Dadap, J.I. 24259
Anderson, M.S., Summerfield, S. Audio frequency applications of PCAS and related filters 31389
Anderson, N., Bearpark, T., Scott, S.J. An X-ray preionised self sustained discharge HF/DF laser 23751
Anderson, N.G. *see* Agahi, F. 55602
Anderson, N.G. *see* Loeber, D.A.S. 14178
Anderson, N.G. *see* Trivedi, D.A. 42182
Anderson, O.A. Emittance growth from merging arrays of round beamlets 59131
Anderson, P.-O. *see* Gudmundson, B. 35951
Anderson, P.D., Ingram, M.A. The performance of the least mean squares algorithm combined with spatial smoothing 45944
Anderson, P.D., Upchurch, R.D., Anderson, J.C. Re-engineering for the broadband telecommunications environment 7092
Anderson, P.M., Chintaluri, G.M., Magbuhat, S.M., Ghajar, R.F. An improved reliability model for redundant protective systems–Markov models 60436
Anderson, R. Stretching the limits of steganography 24674
Anderson, R. Select the right plastic film capacitor for your power electronic applications 31088
Anderson, R. The European medical device EMC specifications 45224
Anderson, R., Kuhn, M. Tamper resistance–a cautionary note 45563
Anderson, R., Manifavas, C., Sutherland, C. NetCard–a practical electronic-cash system 57645
Anderson, R., Vaudenay, S. Minding your p's and q's (cryptography) 4550
Anderson, R., Vaudenay, S., Preneel, B., Nyberg, K. The Newton channel 24677
Anderson, R. *(editor)* Information Hiding. First International Workshop Proceedings 20338
Anderson, R.A. *see* Halsey, T.C. 976
Anderson, R.E. *see* Soden, J.M. 30179
Anderson, R.E. *see* Swallom, D.W. 20053
Anderson, R.H. *see* Krolik, J.L. 48083
Anderson, R.M., Bhushan, B. Concurrent measurement of in situ friction force and head signal amplitude during dropouts in rotary head tape drives 55050
Anderson, S., Baikau, F., Almesfer, B. An integrated approach to MOS-gated power semiconductor manufacturing based on cleaner production technologies for waste minimization by design 40913
Anderson, S., Forssen, U., Karlsson, J., Witzschel, T., Fischer, P., Krug, A. Ericsson/Mannesmann GSM field-trials with adaptive antennas 35955
Anderson, S., Zari, M.C., Ward, R.N. Radiometers, autocorrelators, and matched-filter receivers by means of acousto-optic spectrum analysis 46011
Anderson, S. *see* Zhao, B. 42682
Anderson, T. *see* Patterson, D. 53275
Anderson, T.J. *see* Burgess, D.R. 10774
Anderson, T.J. *see* Chang, C.H. 39077
Anderson, T.J. *see* Li, S.S. 39070
Anderson, T.R. Models for the nearfield interaction of a magnetic field from point sources representing transformers and power supplies and a ferromagnetic cylindrical shell 45184
Anderson, T.R. *see* Colombi, J.M. 15129
Anderson, W.A. *see* Jagannathan, B. 9551
Anderson, W.A. *see* Jagannathan, B. 38998
Anderson, W.A. *see* Jianming Li 12591
Anderson, W.A. *see* Palmer, J.W. 2255
Anderson, W.A. *see* Palmer, J.W. 22444
Anderson, W.A. *see* Wallace, R.L. 30855
Anderson, W.A. *see* Wong, W.H. 55135
Anderson, W.G., Horner-Richardson, K. Thermionic converters for an Integrated Solar Upper Stage (ISUS) 18739
Anderson, W.O., Jr. Human resource development challenges in a virtual organization 9946
Anderson, W.T. *see* Christianson, K.A. 22877
Anderson, W.T. *see* Ovadia, S. 16757
Anderson, W.W. *see* Van Eck, T.E. 44074
Anderson-Rowland, M. *see* Blaisdell, S. 20608
Anderson-Rowland, M.R. A first year engineering student survey to assist recruitment and retention 20517
Anderson-Rowland, M.R. *see* Boren, R.W. 35669
Anderson-Rowland, M.R. *see* McCartney, M.A. 20519
Anderssen, E. *see* Wieman, H. 59275
Anderssen, R.S. *see* Thaxiban Nair, M. 40248
Andersson, A., Broman, H. A second order recursive algorithm for adaptive signal processing 4818
Andersson, A., Broman, H. A second order recursive algorithm for subspace tracking 25122
Andersson, A. *see* Broman, H. 15410
Andersson, A. *see* Turina, D. 47723
Andersson, A.G. *see* Werthen, J.G. 48627
Andersson, B. *see* Babuska, I. 649
Andersson, D. *see* Madsen, K. 1754
Andersson, G. *see* Arnborg, S. 38250
Andersson, G.I. *see* Westberg, D. 23034
Andersson, H., Lindeberg, M. Dynamic routing in circuit-switched networks 16130
Andersson, J.L.R., Thurfjell, L. Implementation and validation of a fully automatic system for intra- and interindividual registration of PET brain scans 59451
Andersson, J.Y. *see* Eriksson, P. 48531
Andersson, J.Y. *see* Eriksson, P. 48536
Andersson, L. *see* Gobl, G. 47430
Andersson, L. *see* Lindgren, S. 33542
Andersson, L.-E., Elfving, T. A constrained Procrustes problem 30610
Andersson, L.-E. *see* Gustavsson, A. 8338
Andersson, M. *see* Ronkainen, H. 53713
Andersson, M.O. *see* Farmer, K.R. 2580
Andersson, M.R. *see* Hide, F. 3772
Andersson, O.E., Sundqvist, B. Low temperature calibration of Manganin pressure gauges 36519
Andersson, P., Svensson, C. A VLSI architecture for an 80 Gb/s ATM switch core 26435
Andersson, S. *see* Deodhar, R.P. 29248
Andersson, T.G. *see* Prabhakaran, K. 2367
Andersson, T.G. *see* Qurashi, U.S. 2011
Andersson, T.G. *see* Roslund, J.H. 750
Andersson, T.G. *see* Roslund, J.H. 52606
Andersson, T.G. *see* Wang, S.M. 52729
Andersson, T.G. *see* Wang, S.M. 54690
Andersson-Engels, S. *see* Sturesson, C. 37869
Anderton, J.P. *see* Franklin, D.R. 3176
Anderton, R.N., Appleby, R., Borrill, J.R., Gleed, D.G., Price, S., Salmon, N.A., Sinclair, G.N., Lettington, A.H. Prospects of imaging applications [military] 58856
Andina, D., Sanz-Gonzalez, J.L. Comparison of a neural network detector vs Neyman-Pearson optimal detector 25227
Anding, D.C., Szabo, A. Real-time image visualization for sensors 28516
Anding Wang *see* Wang Anding
Andlauer, R. *see* Thomas, B. 27418
Andle, J.C. *see* Caron, J.J. 13242
Andle, J.C. *see* Caron, J.J. 23169
Andle, J.C. *see* Galipeau, J.D. 27735
Andle, J.C. *see* Schweyer, M.G. 27484
Ando, A., Belyaev, V.N., Date, S., Kamitsubo, H., Kiselev, A.V., Kulipanov, G.N., Kumagai, N., Mezentsev, N.A., Miyahara, Y., Nakamura, T., Skrinsky, A.N., Soutome, K., Takao, M., Tanaka, H., Voronchev, I.S. Production of intense low-energy positron beams with synchrotron radiation 7771
Ando, A. *see* Date, S. 17908
Ando, A. *see* Hattori, K. 22723
Ando, A. *see* Hayakawa, Y. 16394
Ando, A. *see* Kuroda, T. 37176
Ando, A. *see* Tanaka, H. 17906
Ando, A. *see* Tsumori, K. 37061
Ando, D., Oishi, K., Nakamura, T., Umeda, S., Yuzawa, T. New packaging technology for SAW device 13378
Ando, E. *see* Fujioka, M. 18977
Ando, H. Recent progress in multi-wafer CBE systems 40317
Ando, H., Creighton, N. Unique applications for new low resistance elastomeric connectors 41572
Ando, H., Kimura, N., Mori, A. Newly remodeled GRANDEE series of elevators 29748
Ando, H., Saito, H., Chavez-Pirson, A., Gotoh, H., Kobayashi, N. Excitonic optical properties in fractional-layer-superlattice wire structures in the intermediate confinement regime between two dimensions and one dimension 42171
Ando, H. *see* Ando, S. 44466
Ando, H. *see* Ando, S. 52659
Ando, H. *see* Fujita, T. 25739
Ando, H. *see* Horikoshi, Y. 52694
Ando, K., Ishigami, T., Matsubara, Y., Horiuchi, T., Nishimoto, S. In situ rapid thermal hydrogenation pretreatment of Ti for salicide RTA 22619
Ando, K., Matsubara, Y., Ishigami, T., Horiuchi, T., Nishimoto, S. Novel salicide technology using Ti hydrogenation for 0.1 μm CMOS 2794
Ando, K. *see* Horiba, S. 1359
Ando, K. *see* Koga, H. 41166
Ando, K. *see* Okumura, H. 31855
Ando, K. *see* Takada, N. 30684
Ando, K. *see* Yamaguchi, M. 37976
Ando, M., Kobayashi, T., Haruta, M. Humidity-sensitive optical absorption of Co_3O_4 film 7313
Ando, M., Sakakibara, K., Hirokawa, J., Goto, N., Watanabe, T. A 60 GHz band single-layer planar waveguide arrays 34359
Ando, M., Shuguang Chen, Sato, Y., Oodo, M. Physical optics for the scattering analysis of dipole waves from strips on a grounded dielectric slab 34306
Ando, M., Takeuchi, K. Infrared vehicle detector (IRVD) system design 58767
Ando, M., Tsuchida, T., Suto, S., Suzuki, T., Nakayama, C., Miura, N., Yamazoe, N. Ammonia gas sensor using thick film of Au-loaded tungsten trioxide 36733
Ando, M. *see* Hiraoka, H. 20242
Ando, M. *see* Hirokawa, J. 35935
Ando, M. *see* Kyeong-Sik Min 34385
Ando, M. *see* Mori, H. 37762
Ando, M. *see* Nishida, S. 28068
Ando, M. *see* Oodo, M. 34292
Ando, M. *see* Oodo, M. 56122
Ando, M. *see* Ozawa, T. 10608
Ando, M. *see* Sakakibara, K. 24599
Ando, M. *see* Sakakibara, K. 34383
Ando, M. *see* Yamamoto, T. 34223
Ando, N. *see* Ishikawa, H. 16794
Ando, S., Kobayashi, N., Ando, H. Triangular-facet lasers coupled by a rectangular optical waveguide 44466
Ando, S., Kobayashi, N., Ando, H., Horikoshi, Y. Hexagonal facet laser with optical waveguides grown by flow-rate modulation epitaxy 52659
Ando, S., Nakamura, Y., Togami, T., Okamura, S., Baba, A., Masuda, Y., Tsukamoto, T. $Ba_2NaNb_5O_{15}$ thin films prepared by the pulsed laser ablation method 2915
Ando, S. *see* Abe, M. 24952
Ando, S. *see* Horikoshi, Y. 52694
Ando, S. *see* Jitsumori, A. 40732
Ando, S. *see* Kamise, C. 36337
Ando, S. *see* Nishi, K. 15060
Ando, S. *see* Okamura, S. 2949
Ando, S. *see* Okamura, S. 32662
Ando, T., Sunaoshi, W., Sato, S., Magoshi, S., Hattori, K., Suenaga, I., Wada, H., Housai, I., Hashimoto, S., Sugihara, K. Contamination charging up effect in a variably shaped electron beam writer 32264
Ando, T., Utsuro, H., Kimura, Y., Takai, Y., Shimizu, R., Ikuta, T. A practical method for real-time active modulation electron microscopy–optimization of driving-signal for active accelerating-voltage modulation 54009
Ando, T. *see* Nakajima, H. 52832
Ando, T. *see* Nozawa, M. 43865
Ando, T. *see* Suzuki, T. 12456
Ando, T. *see* Thieme, C.L.H. 55107
Ando, T. *see* Yamauchi, J. 23503
Ando, Y., Imori, Y. Contact resistance properties on plastic-deformation connector contacts 22014
Ando, Y. *see* Nunokawa, F. 47842
Ando, Y. *see* Wakejima, A. 31942
Andoh, F., Tanaka, K., Kawashima, H., Yamawaki, M. Fixed pattern noise: of amplified MOS imager in scaling down 36704
Andoh, H. *see* Takai, M. 42706
Andoh, I., Moriyama, A., Takahashi, I. Development of a high efficiency flywheel UPS using 3 arms inverter/converter 29384

Andoh, M. *see* Yoshida, T. 61056
Andoh, T. *see* Imai, K. 2806
Andoh, T. *see* Wakabayashi, H. 43275
Andoh, Y. *see* Kaneko, R. 23363
Andonov, B.S., Slobodan, A., Mircevski, A. Catalogue data parameter estimation of induction motor electrical drive 61232
Andonovic, I., Tancevski, L. Optical network architectures utilizing wavelength hopping/time spreading codes 26858
Andonovic, I. *see* Cornwell, W.D. 58345
Andonovic, I. *see* Gilfedder, T.H. 26861
Andonovic, I. *see* Gupta, G.C. 36185
Andonovic, I. *see* Hunter, D.K. 26793
Andonovic, I. *see* Hunter, D.K. 26847
Andonovic, I. *see* Hunter, D.K. 58346
Andonovic, I. *see* Kakkouras, A. 26859
Andonovic, I. *see* Tancevski, L. 16780
Andonovic, I. *see* Wallace, C.G. 16787
Andoo, K. *see* Miyamoto, H. 3183
Andou, A. *see* Kawai, M. 232
Andou, D. *see* Arai, F. 58688
Andra, G., Glauche, E. Real time investigation of the interaction of a CuBr laser beam with solid surfaces 44613
Andra, H., Schnack, E. Integration of singular Galerkin-type boundary element integrals for 3D elasticity problems 52555
Andra, P., Beeck, M.-A., Juptner, W., Nadeborn, W., Osten, W. Combination of optically measured coordinates and displacements for quantitative investigation of complex objects 4145
Andra, P. *see* Osten, W. 35231
Andrade, A.M. *see* Dirani, E.A.T. 38359
Andrade, A.M. *see* Oliveira, J.J.S. 38390
Andrade, A.M. *see* Pinheiro, W. 38391
Andrade, E.Sebastiao de *see* Sebastiao de Andrade, E.
Andrade, H.C.M. *see* Silva, R.G.R. 46912
Andrade, M.S. *see* Freire, S.L.S. 22376
Andrade, M.T. *see* Teixeira, L.M.L. 15639
Andrade, R.A., Gilbert, B.S., III., Dawson, D., Hart, C., Kozaitis, S., Blatt, J. Real time optically-processed face recognition system based on arbitrary Moire contours 5463
Andrade, R.A. *see* Dawson, D.W.W. 46060
Andrady, T.L. *see* Oommen, T.V. 19804
Andrae, W. *see* Berkov, D.V. 43664
Andraka, C.E., Rawlinson, K.S., Moss, T.A., Adkins, D.R., Moreno, J.B., Gallup, D.R., Cordeiro, P.G., Johansson, S. Solar heat pipe testing of the Stirling Thermal Motors 4-120 Stirling engine 29653
Andraka, R. A dynamic hardware video processing platform 46044
Andras, C. *see* Csiki, Z. 37716
Andre, B. *see* Lewis, B.J. 9048
Andre, B. *see* L'Haridon, H. 14278
Andre, D. *see* Koza, J.R. 52957
Andre, D. *see* Koza, J.R. 52978
Andre, D. *see* Koza, J.R. 53394
Andre, E., Morche, D., Balestro, F., Senn, P. A 2-path ΣΔ modulator for bandpass applications 53363
Andre, F.Saint *see* Saint Andre, F.
Andre, F.St. *see* St. Andre, F.
Andre, J.C. Smart materials and sensors: a reality or a dream for tomorrow? 17270
Andre, J.C. *see* Ballandras, S. 32576
Andre, J.C. *see* Zissi, S. 54535
Andre, L. *see* Noureddine, Z. 22135
Andre, M.P., Janee, H.S., Martin, P.J., Otto, G.P., Spivey, B.A., Palmer, D.A. High-speed data acquisition in a diffraction tomography system employing large-scale toroidal arrays 37726
Andre, P. The influence of graphite on the composition and thermodynamic properties of plasma formed in ablated vapour of PMMA, PA6-6, PETP, POM and PE used in circuit-breakers 51391
Andre, R., Hanuise, C., Villain, J.-P., Cerisier, J.-C. HF radars: multifrequency study of refraction effects and localization of scattering 38058
Andre, T.F., Nowak, R.D., Van Veen, B.D. Low rank estimation of higher order statistics 25153
Andre, T.F., Nowak, R.D., Van Veen, B.D. Low-rank estimation of higher order statistics 45746
Andre-Obrecht, R. *see* Parlangeau, N. 14992
Andreaco, M.S. *see* Rogers, J.G. 28162
Andreadakis, N.C. *see* Amersfoort, M.R. 44511
Andreadakis, N.C. *see* Soole, J.B.D. 23529
Andreadakis, N.C. *see* Soole, J.B.D. 26929
Andreadakis, N.C. *see* Youtsey, C. 23642
Andreadakis, N.C. *see* Zah, C.E. 55630
Andreadis, A., Benelli, G., Garzelli, A. Adaptive spatial compression of multi-look SAR images 16949
Andreadis, A., Benelli, G., Garzelli, A., Susini, S. Intraframe compression of radar image sequences for ship-traffic control applications 15604
Andreassen, R., Breivik, O., Edvardsen, E., Eskedal, T., Kloster, N., Osterbo, O. Charging of ATM services 46890
Andreasson, M., Bodin, U., Jansson, K. A server integrating computer telephony and intelligent network 47255
Andreeff, M. *see* Schmitt, T. 37704
Andreeta, J.P. *see* Frejlich, J. 59028
Andreev, A. *see* Kompanets, I. 3486
Andreev, A.D., Zegrya, G.G. Theoretical study of thresholdless Auger recombination in compressively strained InAlAsSb/GaSb quantum wells 32016
Andreev, A.D., Zegrya, G.G. Effect of strain on thresholdless Auger recombination in quantum wells 42194
Andreev, A.D., Zegrya, G.G. Auger recombination in strained quantum wells 54177
Andreev, A.G. *see* Grekhov, I.V. 13946
Andreev, A.M., Zhuravleva, N.M., Evtich, M. Optimizing metallized film dielectric of power capacitors 19942
Andreev, A.N., Smirnova, N.Yu., Shcheglov, M.P., Rastegaeva, M.G., Chelnokov, V.E., Rastegaev, V.P. Influence of vapor phase composition in a growth cell on the doping level of silicon carbide epitaxial layers grown by vacuum sublimation 12677
Andreev, A.N., Smirnova, N.Yu., Tregubova, A.S., Shcheglov, M.P., Chelnokov, V.E. Structural perfection of epitaxial layers of 3C-SiC grown by vacuum sublimation on 6H-SiC substrates 52604
Andreev, A.V., Berendakov, V.V. Solitons of non-truncated Maxwell-Bloch equations 14400
Andreev, A.Yu. *see* Garcia-Rocha, M. 52707
Andreev, A.Yu. *see* Vasilevskiy, M.I. 52710
Andreev, J., Belichenko, V., Buyanov, J., Koshelev, V., Plisko, V., Sukhushin, K. Synthesis of ultra-wideband radiators of nonharmonic signals 45362
Andreev, K.E. *see* Gudoshnikov, S.A. 27464
Andreev, M.V., Borul'ko, V.B., Drobakhin, O.O., Kirichko, A.I. The use of the concept of a quasi-solution to determine the parameters of multi-layered dielectric structures from the results of measurements of the reflection characteristics at many frequencies. II 40727
Andreev, M.V., Borul'ko, V.F., Drobakhin, O.O. The use of the concept of a quasi-solution to determine the parameters of multilayered dielectric structures from the results of measurements of the reflection characteristics at many frequencies. I 40726
Andreev, M.V., Borul'ko, V.F., Drobakhin, O.O. A comparative analysis of the information potentialities of multifrequency radiowave method of testing multilayered dielectric structures using a quasisolution 40750
Andreev, M.V. *see* Drobakhin, O.O. 24554
Andreev, S. *see* Lazarova, V. 36769
Andreev, S.I. *see* Chernyshova, I.V. 42536
Andreev, S.K., Popova, L.I., Gueorguiev, V.K., Manolov, E.B. High-temperature-annealing effects on the electrical properties of RF sputtered SnO_2 thin films for microelectronic sensors 22509
Andreev, S.K. *see* Popova, L.I. 48704
Andreev, S.V. *see* Tuz, Ju.M. 27811
Andreev, V. *see* Facco, A. 49139
Andreev, V.A. Nonequilibrium charge-carrier recombination at the contacts in $Cd_xHg_{1-x}Te$ photoresistors 13838
Andreev, V.A., Balabin, A.I., Chuvilo, I.V., Drozdovsky, A.A., Kolomiets, A.A., Kozodaev, A.M., Kouibida, R.P., Lazarev, N.V., Pershin, V.I., Plotnikov, V.K., Raskopin, A.M., Tretjakova, T.E., Vengrov, R.M., Vorobjov, I.A. Engineering design of ITEP proton linac for nuclear waste transmutation 37025
Andreev, V.A. *see* Baryshev, N.S. 13837
Andreev, V.A. *see* Kolomiets, A.A. 49028
Andreev, V.A. *see* Lazarev, N.V. 49036
Andreev, V.A. *see* Man'ko, V.S. 17269
Andreev, V.M., Khvostikov, V.P., Paleeva, E.V., Sorokina, S.V., Shvarts, M.Z. GaAs and GaSb based solar cells for concentrator and thermophotovoltaic applications 38996
Andreev, V.M., Lantratov, V.M., Larionov, V.R., Rumyantsev, V.D., Shvarts, M.Z. Development of PV receivers for space line-focus concentrator modules 38014
Andreev, V.M., Rumyantsev, V.D. A^3B^5 based solar cells and concentrating optical elements for space PV modules 39040
Andreeva, E.I. *see* Shcherbakov, A.S. 33002
Andreeva, O.V., Korzinin, Yu.L., Nazarov, V.N., Gavrilyuk, E.P., Kursakova, A.M. Angular selectivity and phase modulation of silver-containing porous holograms in the red and IR spectral ranges 14415
Andreeva, O.V. *see* Sukhanov, V.I. 14414
Andrejczuk, A. *see* Reniewicz, H. 12251
Andrekson, P.A. *see* Olsson, B.-E. 23811
Andreoli, C., Blefari-Melazzi, N., Listanti, M., Palermo, M. Mobility management in IP networks providing real-time services 47159
Andreoli, S., McClure, H.G., Banelli, P., Cacopardi, S. Digital linearizer for RF amplifiers 36333
Andreone, D., Brunetti, L., Petrizzelli, M. Calorimetric measurements of microwave surface resistance at cryogenic temperature 27858
Andreone, D., Godone, A. Noise analyses on Josephson junction array voltage standards 27808
Andreoni, A., Bondani, M., Di Trapani, P., Amati, S., Cavalcabo, G., Zanzottera, E. Simultaneous third and fourth harmonic mode-locking of a *Q*-switched flashlamp-pumped Nd:YAG laser 3739
Andreou, A.G. *see* Furth, P.M. 8158
Andreou, A.G. *see* Furth, P.M. 31370
Andreou, A.G. *see* Furth, P.M. 31452
Andreou, A.G. *see* Kalayjian, J.K. 25532
Andreou, A.G. *see* Kalayjian, Z. 1641
Andreou, A.G. *see* Kalayjian, Z. 36707
Andreou, A.G. *see* Kumar, N. 8066
Andreou, A.G. *see* Kumar, N. 34884
Andreou, A.G. *see* Obeidat, A.T. 44261
Andreou, A.G. *see* Wolff, L.B. 48682
Andres, A.De *see* De Andres, A.
Andres, D., Montress, G.K., Greer, J.A., Parker, T.E. Vibration sensitivity of AQP SAW oscillators 13403
Andres, E., Menon, R., Sibata, C., Acharya, R. Rational bitmap scaling 35035
Andres, M.V. *see* Cruz, J.L. 33028
Andres, M.V. *see* Cruz, J.L. 45475
Andres, M.V. *see* Pastor, D. 55228
Andres, P., Furlan, W.D., Saavedra, G., Lohmann, A.W. Variable fractional Fourier processor: a simple implementation 57139
Andres, P. *see* Lancis, J. 46180
Andres, P.L.De *see* De Andres, P.L.
Andres, U. Dielectric separation of minerals 14526
Andresen, D., Tao Yang, Watson, D., Poulakidas, A. Dynamic processor scheduling with client resources for fast multi-resolution WWW image browsing 47216
Andresen, K., Neugebauer, M. Automatic measurement of tool dimension using stereo CCD-cameras 10049
Andresen, K. *see* Williamson, D. 2544
Andresen, S. On optical switching: a proposal for an all optical ATM switch 16714
Andresen, S. *see* Palat, S.K. 47775
Andressen, J. *see* Antos, J. 37373
Andreu, D. *see* Maxim, A. 1133
Andreu, J. *see* Peiro, D. 48930
Andreucci, L. *see* Schenone, A. 4918
Andrew, C., Edlinger, G., Florian, G., Pfurtscheller, G. Multivariate and multi-order spectral analysis of EEG activity recorded over sensorimotor areas during discrete finger movements 59625
Andrew, C. *see* Pregenzer, M. 7931
Andrew, J.P., Ogunbona, P.O. On the step response of the DCT 30425
Andrew, K.N. *see* Rutan, S.C. 27392
Andrews, A.P. *see* Motamedi, M.E. 54856
Andrews, B. *see* Peskin, A. 35121
Andrews, E.J. *see* Ford, K.M. 37714
Andrews, J., Hayes, G., Wang, J. Insitu thermal measurement of flip chip bond quality 30227
Andrews, J.D., Pattison, R.L. Optimal safety system performance 52103
Andrews, J.H. *see* Ovryn, B. 33780
Andrews, L.C., Phillips, R.L., Miller, W.B. Mutual coherence function for a double-passage retroreflected optical wave in atmospheric turbulence 33605
Andrews, M. Cooperative R&D in the North American interconnection industry 1819
Andrews, M. Interconnection Technology Research Institute (ITRI) and October Project: background and status 11921
Andrews, M., Awerbuch, B., Leighton, T., Fernandez, A., Zhiyong Liu, Kleinberg, J. Universal stability results for greedy contention-resolution protocols 5871
Andrews, M. *see* Biggs, D.S.C. 56838
Andrews, M. *see* Fisher, J. 1820
Andrews, M.K. *see* Arnold, W.M. 48732
Andrews, M.P. *see* Fournier, P. 33083
Andreychek, T. *see* Bueter, T. 19480
Andreyev, A.V., Kanda, H. Diamond formation and wettability in a Mg-Cu-C system under high pressure and high temperature 40302
Andreyev, N.F., Kulagin, O.V., Lozhkarev, V.V., Matveyev, A.Z., Rodchenkov, V.I., Shlov, A.A., Yakovlev, L.V., Pasmanik, G.A. IR frequency converters and amplifiers bared on stimulated Raman scattering and four-wave mixing 14377
Andreyev, Y.V., Dmitriev, A.S., Starkov, S.O. Information processing in 1-D systems with chaos 24616
Andria, G., Attivissimo, F., Cavone, G., Lanzolla, A. Instantaneous-frequency measurement for noisy nonstationary distorted signals 7519
Andria, G., Attivissimo, F., Savino, M. Instantaneous power measurement in time-frequency domain 28962
Andria, G., Di Lecce, V., Savino, M. Application of the AFT technique for low-cost and accurate measurements 7227
Andrian, J. *see* Ghoshray, S. 21112
Andrianirina, Ch.-B. *see* Rufer, A.-Ch. 60876
Andrianov, A.V., Lacklison, D.E., Orton, J.W., Cheng, T.S., Foxon, C.T., O'Donnell, K.P., Nicholls, J.F.H. Photoluminescence from GaN films grown by MBE on an $LiGaO_2$ substrate 41950
Andrianov, A.V. *see* Dewsnip, D.J. 41949
Andrianov, A.V. *see* Orton, J.W. 31856
Andrianov, A.V. *see* Polisskii, G. 54016
Andrianov, S.N., Mirumyants, S.O., Trofanchuk, L.A. New image scanner based on integrated and fiber optics 58665
Andric, O., Johnston, C., Erdol, N. Wavelets in polar coordinates 15303
Andricek, L. *see* Abt, I. 7783
Andrich, R. *see* Mercinelli, M. 5932
Andriesh, A. *see* Iovu, M. 42004
Andrieu, C., Duvaut, P. Measure of cyclostationarity for Gaussian processes based on the likelihood ratio test 4667

Andrieu, C., Ferrieux, J.P., Rocher, M. Resonant DC/DC converter for telecommunication network 51227
Andrieux, L., Cazarre, A., Bailbe, J.P., Marty, A. Power amplifier performance and modelling of one-emitter-finger GaAlAs/GaAs heterojunction bipolar transistor 11705
Andriiko, A.A., Nyrkoya, L.I., Chmilenko, N.A., Rudenok, P.V., Kuz'minskii, Ye.V. New ternary Li-Mn-O compounds capable of reversible Li intercalation 29582
Andrikidis, C. *see* Muller, K.-H. 32896
Andrikopoulos, I., Ors, T., Matijasevic, M., Leitold, H., Jones, S.P.W., Posch, R. TCP/IP throughput performance evaluation for ATM local area networks 35506
Andriollo, M., Martinelli, G., Morini, A., Tortella, A. FEM calculation of the LSM propulsion force in EMS-MAGLEV trains 9645
Andriotis, A.N. *see* Papadogonas, I.A. 42215
Andriychuk, M.I. Investigation of solutions of the phase synthesis problem for a circular array 45451
Andriychuk, M.I., Voitovich, N.N., Topolyuk, Yu. P. Some aspects of the numerical solving of antenna synthesis problems according to the prescribed amplitude pattern 45363
Andriyevsky, V.V. *see* Romanyuk, B.N. 2328
Andrle, J. *see* Beringer, J. 37394
Andronico, M., Catania, V., Ficili, G., Palazzo, S., Panno, D. Performance evaluation of a fuzzy policer for MPEG video traffic control 4974
Andronik, K.I., Keloglu, O.Y., Mazur, V.A., Zasavitski, E.A. Experimental and theoretical investigation of PbTe growth by MBE on (111) BaF_2 substrates 40489
Andronov, A.A. *see* Aleshkin, V.Ya. 2192
Andronov, V. *see* Glasman, C. 15606
Andronov, V.G., Belousov, E.G. On the convergence of the penalty function method with respect to a functional 52523
Androshchuk, Yu.M. *see* Zinov'ev, A.V. 7184
Androsov, V. *see* Luchau, D.W. 18695
Androulidaki, M. *see* Aperathitis, E. 51578
Androussi, Y., Lefebvre, A., Benabbas, T., Francois, P., Delamarre, C., Laval, J.Y., Dubon, A. Dislocation introduction in the initial stages of MBE growth of highly strained $In_{0.30}Ga_{0.70}As/GaAs$ structures 40413
Androutsos, A. *see* Nogaret, E. 19648
Androutsos, D. *see* Cooklev, T.V. 56715
Androutsos, D. *see* Plataniotis, K.N. 4858
Androutsos, D. *see* Plataniotis, K.N. 15480
Androutsos, D. *see* Plataniotis, K.N. 25320
Androutsos, D. *see* Plataniotis, K.N. 25550
Androutsos, D. *see* Plataniotis, K.N. 35287
Androutsos, D. *see* Plataniotis, K.N. 46522
Androutsos, D. *see* Plataniotis, K.N. 57034
Androutsos, D. *see* Plataniotis, K.N. 57125
Androutsos, D. *see* Plataniotis, N. 35172
Andrulevicius, M. *see* Tamulevicius, S. 12144
Andrus, J.F., Schaferkotter, M.R. An exterior-point method for linear programming problems 10352
Andrushkevich, A.V., Kipchatov, A.A., Krasichkov, L.V., Koronovsky, A.A. Two-parameter experimental investigation of co-existing oscillation modes in torus breakdown 31140
Andry, L. *see* Deville, Y. 4656
Andry, P. *see* Beckers, P. 30668
Andryakov, A., Antonelli, A., Baldini-Ferroli, R., Bencivenni, G., Bucci, L., Calcaterra, A., Campana, P.L., Dell'Agnello, S., De Sangro, R., De Simone, P., Felici, G., Forti, C., Finocchiaro, G., Kulikov, V., Moccia, S., Nedosekin, A., Patera, V., Piccolo, M., Denig, A., Imhof, M., Kluge, W., Von Hagel, U., Weseler, S., Cataldi, G., Creti, P., Elia, V., Golovatyuk, V., Gorini, E., Grancagnolo, F., Panareo, M., Primavera, M., Spagnolo, S., Bacci, C., Ceradini, F., De Lucia, E., La Cava, F., Luisi, C., Margutti, G., Picca, D., Pontecorvo, L., Messi, R., Paoluzi, L., Pasqualucci, E., Valente, P. The KLOE drift chamber 37226
Andrzejewski, H. *see* Lemoine, F. 4167
Andsager, D. *see* Rigakis, N. 33242
Andujar, J.L., Bertran, E., Maniette, Y. Microstructure of highly oriented, hexagonal, boron nitride thin films grown on crystalline silicon by radio frequency plasma-assisted chemical vapor deposition 858
Andujar, J.L. *see* Polo, M.C. 40600
Andujar, J.M. Electronic instrumentation using systems of programmable instruments: virtual or classical? 7165
Andy Ying Guey Fuh *see* Der Ming Hsieh 54329
Anedda, A., Casu, M.B., Serpi, A., Burlakov, I.I., Tiginyanu, I.M., Ursaki, V.V. Recombination in $HgGaInS_4$ single crystals 42013
Anello, C. *see* Babiloni, F. 59640
Anema, A., Grabar, A., Rasing, Th. The nonlinear optical properties of $Sn_2P_2S_6$ 44733
Anemogiannis, E., Glytsis, E.N., Gaylord, T.K. Quasi-bound states determination using a perturbed wavenumbers method in a large quantum box 54199
Anerdi, G. *see* Rebora, C. 61313
Anerousis, N., Lazar, A.A. An architecture for managing virtual circuit and virtual path services in ATM networks 46900
Anesko, A. *see* Horng-Dar Lin 1448
Anevsky, S. *see* Osterwald, C.R. 39167
Anfu Fan *see* Fan Anfu
Ang, C.-H. *see* Chooi, S.Y.M. 54518
Ang, D.S., Ling, C.H. Effects of tungsten polycidation on the hot-carrier degradation in buried-channel LDD p-MOSFETs 12965
Ang, D.S. *see* Ling, C.H. 42282
Ang, M. *see* Grant, J.M. 21294
Ang, S.S. *see* Arnn, D.A. 1866
Ang, S.S. *see* Low, Y.L. 31659
Ang, S.S. *see* Pawar, M.R. 10884
Ang, Y.H. *see* Bi, M. 15478
Ang Cheng-Leong, Khoo Li-Pheng A model-based approach to fault diagnosis of FMS 10206
Ang Haisong Determination of unknown camera parameters for the perspective images 56655
Angarkhaeva, L.H. *see* Bashkuev, Yu.B. 18770
Angeby, J. Statistical analysis of polynomial phase signal parameter estimates based on structured auto-regressive modeling 4672
Angel, E.De *see* De Angel, E.
Angelakis, C.T. *see* Sandalidis, H.G. 26599
Angele, J. *see* Le Bourhis, L. 33162
Angeli, M., Cardelli, E. Numerical modeling of electromagnetic fields generated by electrostatic discharges 44903
Angeli, M., Cardelli, E. Numerical analysis of diffracting perforated shields 45250
Angeli, M., Cardelli, E. An approach to the analysis of the electromagnetic interferences radiated by metallic grids struck by lightning 45252
Angeli, M., Cardelli, E., Azzerboni, B. Velocity skin-effect transition conditions on metal-on-metal sliding contacts in muzzle-fed railguns 24393
Angeli, M., Cardelli, E., Esposito, N., Musolino, A. Numerical techniques in electromagnetic compatibility-oriented design of rail launchers operating with plasma armatures 24423
Angelidis, E. A 2-D block decomposition technique for designing 2-D FIR filters from frequency samples 45957
Angelin, L. *see* Arvidsson, K. 35788
Angeline, P.J. Evolving fractal movies 57041
Angelini, F., Bellazzini, R., Brez, A., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M.A. Operation of MSGCs with gold strips built on surface-treated thin glasses 37362
Angelini, F. *see* Bellazzini, R. 37434
Angelis, C. *see* Gaisenu, F. 42409
Angelis, C.De *see* De Angelis, C.
Angelis, G.De *see* De Angelis, G.
Angelis, M.de *see* de Angelis, M.
Angelisanti, D. *see* Snyder, D.L. 15940
Angell, C.A., Xu, K., Zhang, S.S., Videa, M. Variations on the salt-polymer electrolyte theme for flexible solid electrolytes 29557
Angell, C.A. *see* Zhang, S.S. 51451
Angelloz, L. *see* Zaytoon, J. 59741
Angelo, D., Hareland, S.A., Khan, S.A., Hasnat, K., Tasch, A.F., Zeitzoff, P. Manufacturing sensitivity analysis of a 0.18 micron NMOSFET 54814
Angelone, M., Chiti, M., Esposito, A. Measurement of supralinearity factor of CaF_2:Tm (TLD-300) thermoluminescent dosimeter 8189
Angelone, M. *see* Pillon, M. 7790
Angelopoulos, J., Fragoulopoulos, E., Van De Voorde, I., Venieris, I., Vetter, P. Efficient control of ATM traffic accessing broadband core networks via superPONs 58264
Angelopoulos, J.D., Fragoulopoulos, E.K., Stassinopoulos, G.I. The traffic concentration challenge in ATM PONs with a high splitting ratio 6743
Angelopoulos, J.D., Koulouris, J., Fragoulopoulos, E. A MAC protocol for an ATM-based superPON 25942
Angelopoulos, J.D., Orphanoudakis, T.G. A MAC method offering high utilization of the return channel in HFC systems 17084
Angelopoulos, J.D., Venieris, I.S., Protonotarios, E.N. A transparent MAC method for bandwidth sharing and CDV control at the ATM layer of passive optical networks 16779
Angelopoulos, M. *see* Carter, S.A. 55461
Angelopoulos, M. *see* Karg, S. 13875
Angeloupolous, J.D. *see* Van Deventer, M.O. 26850
Angelov, Ch. *see* Kalitzova, M. 32129
Angelov, I. *see* Kojouharov, R. 11700
Angelov, I. *see* Kojouharov, R. 32925
Angelova, R.K., Gichev, T.R., Popova, A.A. High-speed processes when switching off electric circuits 40759
Angelow, G. *see* Laeri, F.G. 3757
Angelucci, R. *see* Dori, L. 58900
Angelutc, A.A., Krindach, D.P., Ozheredov, I.A. Dye laser with intracavity Kerr nonlinearity 33390
Angeluts, A.A., Goncharov, A.A., Koroteev, N.I., Ozheredov, I.A., Shkurinov, A.P. Second-harmonic generation by reflection of focused femtosecond-pulse beams from a metal surface with a periodic relief 44631
Angeluts, A.A., Krindach, D.P., Ozheredov, I.A. Study of radiation modulation in a dye laser with intracavity nonlinearity 13983
Angenieux, G. *see* Ferrari, P. 664
Anger, E. *see* Cella, N. 12186
Angerer, H. *see* Ambacher, O. 41956
Angerer, W. *see* Qi, J. 2241
Angerla, A. *see* Lukkarinen, S. 28097
Angermann, H., Kliefoth, K., Flietner, H. Preparation of H-terminated Si surfaces and their characterisation by measuring the surface state density 2374
Angermeier, D., Kuhn, W.S., Druihle, R., Ballutaud, D., Triboulet, R., Gebhardt, W. Initial growth processes in the epitaxy of Ge with GeH_4 on oxidized Si substrates 40412
Angermeier, D. *see* Monna, R. 21312
Angermeier, D. *see* Monna, R. 30896
Angert, N. *see* Rosenman, G. 1908
Anghaie, S. *see* Given, J.A. 49949
Anghel, L., Ouisse, T., Billon, T., Lassagne, P., Jaussaud, C. Experimental investigation of noise sources in silicon carbide Schottky barriers 42938
Anghinolfi, F., Dabrowski, W., Delagnes, E., Kaplon, J., Koetz, U., Jarron, P., Lugiez, F., Posch, C., Roe, S., Weilhammer, P. SCTA-a rad-hard BiCMOS analogue readout ASIC for the ATLAS semiconductor tracker 59312
Anghinolfi, F. *see* Beringer, J. 37394
Anghinolfi, M. *see* Rossi, P. 18092
Angino, G., Bertoni, R., Braconi, G., Cascioli, G., Fowler, G., Hutchinson, M., Impagnatiello, G., Tong, P. The central electronics sub-assembly of ENVISAT-1 ASAR. Functions, performance and architecture 48115
Angirasa, D., Peterson, G.P. Numerical modeling of high-performance metallic fibrous heat sinks for external cooling 274
Angot, F., Clouard, R., Elmoataz, A., Revenu, M. Neighborhood graphs and image processing 46024
Angrisani, L., Baccigalupi, A., Pietrosanto, A. A digital signal-processing instrument for impedance measurement 17731
Angstadt, B. *see* Abbott, B. 59324
Angstadt, R., Baert, M., Bagby, L., Johnson, M., Matulik, M., Utes, M., Zimmerman, T., Clark, A., Collins, T., Kerth, R., Goozen, F., Milgrome, O. Electrical performance of the front end electronics system for the D0 silicon upgrade 59309
Anguang He *see* He Anguang
Anguita, D., Passaggio, F., Zunino, R. SOM-based interpolation for image compression 57428
Anguita, M., Pelayo, F.J., Fernandez, F.J., Prieto, A. A low-power CMOS implementation of programmable CNN's with embedded photosensors 31445
Anguita, M., Pelayo, F.J., Ros, E., Palomar, D., Prieto, A. VLSI implementations of CNNs for image processing and vision tasks: single and multiple chip approaches 31441
Angulo, J.M., Ruiz-Medina, M.D. Karhunen-Loève and wavelet approximations to the inverse problem 385
Angulo, L.Ruiz de *see* Ruiz de Angulo, L.
Angulo Martinez, I. *see* Angulo Usateggui, J.M. 1435
Angulo Usateggui, J.M., Angulo Martinez, I. Pentium Pro: the paradigm of advances in the architecture of modern processors 1435
Angus, J.A.S. Loudspeaker design in the presence of walls 17122
Angus, J.C. *see* Argoitia, A. 21221
Anguswamy, P. *see* Biju, S. 6044
Anguswamy, P. *see* Krishnakumar, M. 8261
Anguswamy, P. *see* Krishnakumar, M. 8266
Anguswamy, P. *see* Vishwanathan, A.N. 8291
Angwin, A.J. Wireless local and wide area network computing 35704
Anh, V.V. *see* Maeda, J. 56998
Anh Huy Hoang *see* Hoang Anh Huy
Anh Tuan Nguyen *see* Nguyen Anh Tuan
Anheden, M., Svedberg, G. Chemical-looping combustion in combination with integrated coal gasification–a way to avoid CO_2 emission from coal fired power plants without a significant decrease in net power efficiency 29088
Anholt, R., Bozada, C., Desalvo, G., Dettmer, R., Ebel, J., Gillespie, J., Havasy, C. Decoupled electrical/thermal modeling of AlGaAs/GaAs heterojunction bipolar transistors 42944
Anic, I., Pavelic, B., Peric, B., Matsumoto, K. Temperature rises induced with the argon laser polymerization of composite resin 37856
Anich, I., Larichev, O.L. The ELECTRA method and the problem of acyclicity of relations of alternatives 52435
Anichenko, S.E. *see* Vertiy, A.A. 50230
Anidjar, J. *see* Nagaraj, K. 41267
Anido, G.J. *see* Barnett, S.A. 47349
Anido, M.L., Oliveira, C.E.T., Alves, V.C. An environment to perform functional tests on boards and integrated circuits 43183
Aniel, F., Lepaul, S., Peymayeche, L., De Lustrac, A., Bouillault, F., Adde, R. Local self-heating in short gate GaAs PHEMTs 54695
Aniel, F., Sylvestre, A., Jin, Y., Crozat, P., de Lustrac, A., Vernet, G., Adde, R. Comparative evolutions of short gate InGaAs channel HEMTs on InP and GaAs at cryogenic temperatures 54696
Aniel, F. *see* Sylvestre, A. 54692
Aniel, T. *see* Meot, F. 7748
Anigbo, F.C.J. *see* Robinson, S.D. 226
Anikeev, B., Zatrudina, R., Khramov, V. Method of spectroscopy of nonstationary supermodes 24059
Aninkevicius, V. *see* Chen, X.Y. 41976
Anischenko, S. *see* Larkin, S. 36876
Anishchenko, V.S., Kapitaniak, T. Chaotic resonance: birth of double-double scroll attractor 21466

Anishchenko, V.S., Khovanov, I.A., Shulgin, B.V. Stochastic resonance in passive and active electronic circuits 21465
Anisimkin, V.I. Russia-Italy researches on surface acoustic wave (SAW) gas sensors 3015
Anisimkin, V.I., Kotelyanskii, I.M., Verona, E. Fast hydrogen detectors based on surface acoustic waves 36772
Anisimkin, V.I. *see* Penza, M. 7471
Anisimov, A.C. *see* Shvetsov, G.A. 31677
Anisimov, L.D. *see* Buinovskii, A.S. 3242
Anisimov, N.A., Kishinski, K.P., Miloslavski, A. Petri net based model for design of CTI-applications 57752
Anisimov, S. *see* Luk'yanchuk, B. 947
Anisimov, V.A. *see* Gornov, A.O. 92
Anisimov, V.A. *see* Gornov, A.O. 20100
Anitescu, M. *see* Moulin, P. 15306
Anitov, N.M. *see* Bochkov, V.D. 24377
Anizoglu, M. *see* Srinivas, B.S. 26009
Anjaneyulu, L. *see* Bhat, K.P.M. 6930
Anjaneyulu, T.S.R. *see* Krishnudu, T. 9107
Anjaneyulu, T.S.R. *see* Madhusudhan, B. 9109
Anjard, R.P. An overview and inter-relationships of QFD, SPC and DOE 39907
Anjo, K.-I. *see* Nishi, H. 43355
Anjoh, I. *see* Haruta, R. 10155
Anjum, F.M. *see* Tassiulas, L. 47732
Anjun Wan *see* Wan Anjun
Ankan, O. *see* Kutay, A. 56560
Ankang, Z. *see* Ying, H. 22785
Anke, I., Kley, E.-B., Hubner, H., Schnabel, B., Pohlmann, R. Replication of microoptical profiles in ORMOCER(R) and other polymers 13543
Ankenman, B. *see* Bisgaard, S. 10422
Ankiewicz, A., Perera, W.L.R., Chu, P.L., Jayasinghe, D.A.C.C. Use of graded elliptical cladding for efficient pumping of doped fiber cores 13614
Anlage, S.M. *see* Dong Ho Wu 32903
Anlage, S.M. *see* Vlahacos, C.P. 7556
Anli Zhu *see* Zhu Anli
Annabi, M. *see* Chaabene, M. 60606
Annabi, M. *see* Douik, A. 46515
Annaka, N. *see* Ohkubo, R. 22682
Annaka, N. *see* Yamaguchi, Y. 10694
Annakkage, U.D. *see* Chen, X.R. 60289
Annamalai, A. Analysis of selection diversity on Nakagami fading channels 47799
Annand, J.P. *see* Chain, E.E. 43206
Annand, J.R.M. *see* MacGregor, I.J.D. 37365
Annapurna, K. *see* Rajamohan Reddy, K. 3591
Annapurna, K. *see* Rajamohan Reddy, K. 13830
Anne, A. *see* Wu, C.C. 49649
Anne, K. *see* Montanaro, J. 1446
Annen, A., Beckmann, R., Jacob, W. Deposition and characterization of dense and stable amorphous hydrogenated boron films at low substrate temperatures 52769
Annenkov, A.N., Shiyanov, A.I. Calculations of current-conducting rotor shell parameters of an induction motor 29317
Annenkov, V.V., Pchel'nikov, Yu.N. Sensitive elements based on slow-wave structures 7284
Annis, P., Bay, A., Bonekaemper, D., Buontempo, S., Ereditato, A., Fabre, J.D., Fiorillo, G., Frekers, D., Frenkel, A., Galeazzi, F., Garufi, F., Goldberg, J., Golovkin, S., Hoepfner, K., Konijn, J., Kozarenko, E., Kreslo, I., Liberti, B., Martellotti, G., Medvedkov, A., Mommaert, C., Panman, J., Penso, G., Petukhov, Y., Rondeshagen, D., Tyukov, V., Vasilchenko, V., Vilain, P., Visschers, J.L., Wilquet, G., Winter, K., Wolff, T., Wong, H. A new vertex detector made of glass capillaries 59237
Anno, H., Matsubara, K., Notohara, Y., Sakakibara, T., Kishimoto, K., Koyanagi, T. Thermoelectric properties of rf-sputtered $CoSb_3$ films 31927
Anno, H. *see* Kato, R. 59844
Anno, H. *see* Koyanagi, T. 31914
Anno, H. *see* Matsubara, K. 31912
Anno, H. *see* Mori, K. 15988
Annoi, H. *see* Yoshida, S. 9710
Annovazzi-Ledi, V., Donati, S., Merlo, S., Zapelloni, G. Statistical analysis of fiber failures under bending-stress fatigue 33015
Anoardo, E., Romero, E.A., Pusiol, D., Zaninetti, W., Marques, C.A. Magnet current control system for fast field cycling NMR 17233
Anoba, R.C., Heiba, M.M., Laur, M. Practical insights from implementing seismic probabilistic risk assessment and seismic margins assessment approaches 38575
Anoikina, T.V., Kampf, J.P., Sides, P.J., Spratt, G.W.D. Archivability of metal-based flexible media 32852
Anokhin, A.I. *see* Khivrich, V.I. 28020
Anokhin, V.J. *see* Savenko, P.O. 45413
Anokhin, V.J. *see* Savenko, P.O. 45416
Anpilogov, V.R., Grishmanovskii, V.A., Kozlov, A.N., Kolcheev, G.N., Sergeev, B.G. Antenna systems for ground-based spacecraft control systems 49878
Anpilogov, V.R., Tuchin, B.M. Microwave frequency-selection devices for satellite repeater equipment 47839
Anpilogov, V.R. *see* Guslyakov, V.T. 48222
Anpilogov, V.R. *see* Selivanov, A.S. 49875
Anping Liu, Ueda, K. The absorption characteristics of rare earth doped circular double-clad fibers 3377
Anping Liu, Ueda, K. The absorption characteristics of circular, offset, and rectangular double-clad fibers 3395
Anping Liu, Ueda, K. Propagation losses of pump light in rectangular double-clad fibers 13626
Anqi Ye *see* Casasent, D. 25634
Ansai, K. *see* Tatsumi, T. 13103
Ansari, A.Q. *see* Nasir, A. 48817
Ansari, F. *see* Arshak, K.I. 11749
Ansari, F. *see* Arshak, K.I. 36463
Ansari, N. *see* Arulambalam, A. 5762
Ansari, N. *see* Wang, G. 26498
Ansari, N.A., Sammut, R.A., Hai-Tan Tran Effect of four-wave mixing on spatial soliton collisions 44670
Ansari, S.G., Gosavi, S.W., Gangal, S.A., Karekar, R.N., Aiyer, R.C. Characterization of SnO_2-based H_2 gas sensors fabricated by different deposition techniques 48738
Ansbro, A.P. A phased array antenna for mobile satellite communications in L-band 6697
Ansbro, A.P. *see* Gianola, P. 14740
Anselm, K.A., Murtaza, S.S., Streetman, B.G., Campbell, J.C. Resonant-cavity avalanche photodiodes and narrow spectral response photodiodes 3608
Anselm, K.A. *see* Hu, C. 13836
Anselm, K.A. *see* Hui Nie 23678
Anselm, K.A. *see* Sarathy, J. 7345
Anselm, K.A. *see* Sarathy, J. 7355
Anselmann, P. *see* Cribier, M. 59193
Anselmi, C. *see* Edelmoser, K. 48384
Anselmo, A.P. *see* Parshall, E.R. 38170
Ansem, W.F.J.Gehoel-van *see* Gehoel-van Ansem, W.F.J.
Ansheng Lu, Keller, O. Influence of an in-plane DC magnetic field on the optical second-harmonic generation in step quantum wells 33698
Ansheng Zheng *see* Zheng Ansheng
Anshi Xu *see* Xu Anshi
Anslender, M., Hava, S. Scattering-matrix propagation algorithm in full-vectorial optics of multilayer grating structures 4272
Ansorge, M. *see* Bracamonte, J. 15643
Anstey, M., Saoudy, S.A. Radiation characteristics of a ship-mounted high frequency ground wave radar antenna 34332
Antaki, R. *see* Naseh, S. 13189
Antanavicius, R. *see* Vaicikauskas, V. 55759
Antao, B.A.A., Brodersen, A.J. A formulation for analog behavioral-level sensitivity and steady-state analysis 31400
Antao Chen *see* Datong Chen 55306
Antar, Y.M.M., Fan, Z. Impedance characteristics of a rectangular dielectric resonator antenna 4381
Antar, Y.M.M. *see* Fan, Z. 11637
Antar, Y.M.M. *see* Fan, Z. 11653
Antar, Y.M.M. *see* Fan, Z. 34208
Antar, Y.M.M. *see* Fan, Z. 34212
Antar, Y.M.M. *see* Fan, Z. 53545
Antaya, T.A. *see* Grut, K.E. 32945
Antaya, T.A. *see* Lvovsky, Yu.M. 32939
Antelo, E., Bruguera, J.D., Lang, T., Villalba, J., Zapata, E.L. High radix Cordic rotation based on selection by rounding 15201
Antes, T., Conkling, C. RF chip set fits multimode cellular/PCS handsets 47736
Anthamatten, O., Battig, R.K., Valk, B., Vogel, P., Marxer, C., Gretillat, M., de Rooij, N.F. Packaging of a reflective optical duplexer based on silicon micromechanics 47912
Anthony, D.K. *see* Griffiths, H.D. 58486
Anthony, J.M. *see* Tung-Sheng Chen 41539
Anthony, P.J. *see* Scotti, R.E. 44308
Anthony, T.C. *see* Brug, J.A. 3225
Antic, D.P., Sokcic-Kostic, M.S., Vujic, J.L. Nuclear power today and some forecasts for its future 19461
Antipin, A.A., Nedich, A. Continuous second-order linearization method for convex programming problems 52522
Antipin, A.S. Linearization method 30543
Antipov, O.L., Belyaev, S.I., Kuzhelev, A.S. Self-pumped conjugation of the light beams by the stimulated resonance scattering in the inverted laser crystal 33685
Antipov, V.G. *see* Nikishin, S.A. 771
Antipov, Yu., Baliev, L., Batarin, V., Bezzubov, V., Eroshin, O., Fakhrutdinov, R., Gorin, Yu., Medovikov, V., Nikitin, S., Mitin, A., Petrukhin, A., Startcev, V., Tukhtarov, A., Vaniev, V., Zimin, S. Track chambers based on proportional drift tubes with wire field shaping electrodes 37233
Antipov, Yu., Borisov, A., Goryachev, V., Fakhrutdinov, R., Kozhin, A., Salomatin, Yu., Tumakov, V., Vovenko, A., Zimin, S. IHEP drift tube prototype for ATLAS 37230
Antisari, M.Vittori *see* Vittori Antisari, M.
Antler, M. Sliding wear and friction of electroplated and clad connector contact materials: effect of surface roughness 11840
Anto, P.Babu *see* Babu Anto, P.
Antodaro, B., Marzo, C., Stanghellini, G. Image compression and filtering with back-propagation with momentum neural network 57078
Antognini, L., Lahlou, M., Kreindler, L. New software tools for design and implementation of high performance motion systems and drives 61228
Antognini, L. *see* Lahlou, M. 61381
Antoine, C., Bonin, B., Safa, H., Berthier, B., Tessier, C., Trocellier, P., Chevarier, A., Chevarier, N., Roux, B. Evidence of preferential diffusion of impurities along grain boundaries in very pure niobium used for radio frequency cavities 32889
Antoine, J.-P., Barache, D., Cesar, R.M., Jr., da F. Costa, L. Multiscale shape analysis using the continuous wavelet transform 56778
Antoine, J.-P., Vandergheynst, P. 2-D Cauchy wavelets and symmetries in images 56799
Antoine, J.-P., Vandergheynst, P., Murenzi, R. Two-dimensional directional wavelets in image processing 5233
Antoine, M. Cryptography in Belgian law 45583
Antola, A., Breveglieri, L. Balancing of fault tolerance in the new version of the FERMI Channel chip: a functional evaluation 37519
Antola, A., Piuri, V., Sami, M. Optimising high-level synthesis for self-checking arithmetic circuits 31250
Antolak, A. *see* Chen, K.-T. 37307
Antolak, A.J. *see* McGregor, D.S. 37313
Antolak, A.J. *see* Van Scyoc, J.M. 7837
Antolic, G. *see* Jager, F. 49624
Antolini, R. *see* Porta, A. 49636
Anton, C. *see* Muller, A. 41505
Anton-Haro, C., Fonollosa, J.A.R., Fonollosa, J.R. Blind channel estimation and data detection using hidden Markov models 25811
Antonacopoulos, A. *see* Ritchings, R.T. 4977
Antonaia, A. *see* Prosini, P.P. 30865
Antonakopoulos, T. *see* Maniatopoulos, A. 6140
Antonelli, A. *see* Andryakov, A. 37226
Antonelli, C. The network of networks: Localized technological change in telecommunications and productivity growth 26010
Antonelli, C. A regulatory regime for innovation in the communications industries 46858
Antonenko, K.I. *see* Rainova, Yu.P. 21346
Antonenko, M.M. *see* Moiseenko, V.N. 24080
Antonetti, A., Chambaret, J.P., Cheriaux, G., Curley, P., Darpentigny, G., Hamoniaux, G., Le Blanc, C., Rousseau, P., Salin, F. Generation of 15-TW femtosecond pulses at 10 Hz in a Ti:sapphire laser chain 14076
Antonetti, A. *see* Amiranoff, F. 17898
Antoni, P.De *see* De Antoni, P.
Antoniades, N. *see* Yoo, S.J.B. 4032
Antoniadis, A. *see* Sherony, M.J. 13005
Antoniadis, D. *see* Cheng-Liang Huang 13147
Antoniadis, D.A. *see* Cheng-Liang Huang 43046
Antoniadis, D.A. *see* O'Neill, A.G. 21906
Antoniadis, D.A. *see* Sherony, M.J. 43053
Antoniadis, D.A. *see* Wei, A. 13145
Antoniadis, D.A. *see* Yang, I.Y. 22727
Antoniadis, D.A. *see* Yang, I.Y. 22967
Antoniadis, D.A. *see* Yang, I.Y. 54810
Antoniadis, H. *see* McElvain, J. 3630
Antonik, M.D., D'Costa, N.P., Hoh, J.H. A biosensor based an micromechanical interrogation of living cells 58857
Antonini, A. *see* Pistoia, G. 9518
Antonini, M. *see* Raffy, P. 56955
Antonini, M. *see* Raffy, P. 57367
Antonio, F.A. *see* Palma, J.P. 9338
Antonio, M.J. *see* Sahu, S.N. 822
Antoniol, G., Tonella, P. EEG data compression techniques 28352
Antoniou, A., Pillai, S.R. A sub-space method for high resolution bathymetry 28660
Antoniou, A. *see* Abdel-Raheem, E. 15172
Antoniou, A. *see* Bhattacharya, D. 1616
Antoniou, A. *see* Bhattacharya, D. 8515
Antoniou, A. *see* Lu, W.-S. 4790
Antoniou, A. *see* Luo, H. 4903
Antoniou, A. *see* Peters, S.D. 25004
Antoniou, A. *see* Radhakrishnan Pillai, S. 4801
Antoniou, A. *see* Subramanian, S. 47565
Antoniou, A. *see* Xu, H. 4693
Antonis, P.De *see* De Antonis, P.
Antoniu, M. *see* David, V. 27490
Antonopoulos, C.S. *see* Kriezis, E.E. 45339
Antonov, A.N. *see* Janovsky, L.S. 18744
Antonov, A.V. *see* Aleshkin, V.Ya. 2192
Antonov, G.I. Physical based criteria of electrical breakdown in transformer insulation 23244
Antonov, V.E., Barkalov, O.I., Kolyubakin, A.I., Ponyatovsky, E.G. ZnSb and GaSb bulk amorphous semiconductors: transport properties 22273
Antonova, G.M. Realization of the optimization-simulation approach in the selection of an algorithm for the functioning of data communication systems 57724
Antonova, G.S. MTIE estimations for different SONET/SDH synchronization network topologies 47943
Antonova, G.S., Schelovanov, L.N., Vuong, S.T. Simulation of SONET/SDH synchronization networks 48018
Antonova, L.I., Denissov, V.P. High-efficiency photocathodes on the NEA-GaAs basis 41756
Antonsen, T. *see* Nguyen, K. 1938
Antonsen, T.M. *see* Correa, R.A. 22176
Antonsen, T.M. *see* Milchberg, H.M. 17913
Antonsen, T.M., Jr., Levush, B. Tapering optimization for controlling of intermodulation in TWTs 12122

Antonsen, T.M., Jr., Liu, C., Levush, B. Space charge induced velocity spread in a gyrotron MIG 12101
Antonsen, T.M., Jr. *see* Levush, B. 12097
Antonsen, T.M., Jr. *see* Shkvarunets, A. 1947
Antonucci, P.L. *see* Antonucci, V. 29599
Antonucci, P.L. *see* Arico, A.S. 40508
Antonucci, V., Antonucci, P.L., Arico, A.S., Giordano, N. Partial oxidation of methane in solid oxide fuel cells: an experimental evaluation 29599
Antonucci, V. *see* Arico, A.S. 40508
Antonuk, L.E., El-Mohri, Y., Siewerdsen, J.H., Yorkston, J., Huang, W., Scarpine, V.E., Street, R.A. Empirical investigation of the signal performance of a high-resolution, indirect detection, active matrix flat-panel imager (AMFPI) for fluoroscopic and radiographic operation 28253
Antonuk, L.E., Yorkston, J., Weidong Huang, Sandler, H., Siewerdsen, J.H., El-Mohri, Y. Megavoltage imaging with a large-area, flat-panel, amorphous silicon imager 59463
Antonuk, L.E. *see* Siewerdsen, J.H. 28252
Antony, R.T. Database support to data fusion automation 27398
Antos, A.J. *see* Yanming Liu 13597
Antos, J., Chao, H.Y., Chang, P., Cheng, M.T., Chu, M.L., Guo, R.S., Ho, C.L., Teng, P.K., Wang, M.J., Wu, S.C., Yeh, G.P., Yeh, P., Andressen, J., Barsotti, E., Bowden, M., Cihangir, S., Gonzalez, H., Grimm, C., Haynes, B., Hrycyk, M., Howell, J., Husby, D., Knopf, W., Lindenmeyer, M., Ratzmann, P., Sarge, J., Spalding, J., Spiegel, L., Tkaczyk, S., Woodbury, K., Yarema, R., Zimmerman, S., Zimmerman, T., Gay, C., Huth, J., Oliver, J., Spiropulu, M., Stroehmer, R., Iwata, Y., Ohmoto, T., Ohsugi, T., Barnett, B., Skarha, J., Snider, R., Takashima, R., Ely, R., Garcia-Sciveres, M., Haber, C., Milgrome, O., Lu, L., Bailey, M., Bruner, N., Gold, M., Hoeferkamp, M., Matthews, J., Moore, E., Seidel, S., Thomas, T., Worm, S., Yu, L., Kohriki, T., Unno, Y., Tamura, N., Bacchetta, N., Bisello, D., Bolla, G., Boudreau, J., Engels, E., Jr., Huffman, B.T., Shepard, P.F., Rosatti, R., Bedeschi, F., Menzione, A., Punzi, G., Ristori, L., Zetti, F., Bortoletto, D., Garfinkel, A., Hardmann, A., Hoffman, K., Keaffaber, T., Shaw, N.M., Cassada, J., Tipton, P., Conway, J., Done, J., Kamon, T., Tannenbaum, B., Wolinski, J., Benjamin, D., Frautschi, M., Sill, A., Hou, J.F. The SVX II silicon vertex detector upgrade at CDF 37373
Antoshechkin, A.V. *see* Pirogov, Yu.A. 17291
Antoshenkov, G. Dictionary-based order-preserving string compression 45606
Antoszczyszyn, P.M., Hannah, J.M., Grant, P.M. Accurate automatic frame fitting for semantic-based moving image coding using a facial codebook 56963
Antoszewski, J. *see* Meyer, J.R. 7562
Antoszewski, J. *see* Meyer, J.R. 42149
Antropov, V., Dolya, S., Kaminsky, A., Krasnykh, A., Laziev, E., Pjataev, V., Shvets, V., Sumbaev, A. IREN test facility at JINR 49276
Antsaklis, P.J. *see* Lemmon, M. 5729
Antsigin, V.D., Gusev, V.A., Yurkin, A.M. Electrooptical properties of lithium and barium borates 13684
Antsos, D. *see* Riley, A.L. 58260
Antsos, D. *see* Riley, L. 58257
Antsyferov, S.S. *see* Kürtev, N.D. 56598
Anttonen, O. *see* Nousiainen, J. 28315
Antunes, A.R. *see* Alves, V.C. 52942
Antunes, C.Henggeler *see* Henggeler Antunes, C.
Antunes, F. *see* Daher, S. 51149
Antunes, F. *see* Lima, A. 51222
Antunes, F.L.M., Kettleborough, J.G., Smith, I.R., Vadher, V.V. Digital filter implementation in DC-motor speed control 19760
Antunes, P. *see* Cosquer, F.J.N. 26202
Antuofermo, G. *see* Colonna, N. 37521
Anuar, K. *see* Downey, S. 20932
Anukhin, I.P., Lukin, V.V., Miao Zhenjiang, Zelensky, A.A. Statistical analysis of apodized array pattern characteristics under spatially correlated error influence 45438
Anukhin, I.P., Lukin, V.V., Saramaki, T. Array step-like apodization function synthesis, parameter optimization and implementation aspects 45432
Anunciada, V., Santana, J. A new configuration of low cost rotative diesel UPS system 50807
Anunciada, V. *see* Pereira, N.F. 51328
Anurag Acharya *see* Chialin Chang 58241
Anurnba, C.J., Baron, G., Evbuomwan, N.F.O. Communications issues in concurrent life-cycle design and construction 35548
Anuszczyk, J., Gryglewicz-Kacerka, W. Power loss balance and temperature distribution in an induction motor supplied by PWM converter 51012
Anuszewska, H., Lapinski, T. Optical fibre cables from cable factory Ozarow 26880
Anvari, B., Tanenbaum, B.S., Hoffman, W., Said, S., Milner, T.E., Liaw, L.-H.L., Nelson, J.S. Nd:YAG laser irradiation in conjunction with cryogen spray cooling induces deep and spatially selective photocoagulation in animal models 49771
Anvekar, D.K. *see* Agrawal, P. 47692
Anwand, W., Brauer, G., Coleman, P.G., Goodyear, A., Reuther, H., Maser, K. Investigation of the transition region between SiO_2 layers wet grown at 700°C and Si 54274
Anwar, A.F.M., Webster, R.T. An envelope function description of the quantum well formed in $Al_xGa_{1-x}As_ySb_{1-y}$/InAs/$Al_xGa_{1-x}As_ySb_{1-y}$ heterostructures 2151
Anwar, A.F.M. *see* Lefebvre, K.R. 22402
Anwar, M.Z. *see* Chen, Q. 58757
Anwar, M.Z. *see* Khan, M.A. 43137
Anwar, M.Z. *see* Lim, B.W. 48557
Anwar, M.Z. *see* Yang, J.W. 12341
Anwar, M.Zubair *see* Zubair Anwar, M.
Anwar, N., Wongchareon, T., Katsriku, F.A., Rahman, B.M.A., Grattan, K.T.V. An accurate model for a $LiNbO_3$ electro-optic modulator 55305
Anwar, S. Laboratory development for a manufacturing oriented interdisciplinary baccalaureate degree program in electromechanical engineering technology (BSEMET): a case study 20541
Anxiang Kuang *see* Dinghua Bao 52751
Anxiang Kuang *see* Kuang Anxiang
Anzai, H., Kishimoto, T., Yamazaki, T., Naito, Y., Mizumoto, T. Analysis of semi-anechoic chamber using ray-tracing technique 45242
Anzai, H., Naito, Y., Mizumoto, T. Characteristics of pyramidal electromagnetic wave absorber for oblique incidence and its equivalent representation used by the approximate method 4235
Anzai, H. *see* Naito, Y. 45241
Anzai, K. *see* Horiuchi, T. 32258
Anzai, K. *see* Kaneyuki, K. 9677
Anzai, K. *see* Ogiwara, H. 45518
Anzai, M., Saitoh, Y. An improved toner flow model for dual-component magnetic brush development 33835
Anzai, T. *see* Umeda, N. 10058
Anzai, Y. *see* Hiramatsu, K. 58741
Anzai, Y. *see* Yamasaki, N. 57975
Anzalone, A. *see* Aiello, S. 1483
Anzalone, A. *see* Aiello, S. 49328
Anze, H. *see* Hara, S. 22651
Anzhi He *see* Feng Liu 49004
Anzhi He *see* Zhengdong Wang 49005
Anzhi He *see* Zhenhua Li 55547
Anzhi He *see* He Anzhi
Ao, H. *see* Dewa, H. 37141
Ao, H. *see* Iwashita, Y. 49211
Ao, J. *see* Liang, C. 22907
Ao, P., Tan, Y., Zhu, X.-M. Hall effect and geometric phases in Josephson junction arrays 23407
Ao, S.Z., Bollinger, K.E. An adaptive neurocontroller for speed control of a synchronous generator 19715
Ao, T. *see* Tominaga, K. 838
Ao Lin *see* Chen Naixiang 29147
Aoe, J.-I. *see* Arita, T. 21012
Aoe, J.-I. *see* Kirschning, I. 24815
Aoi, N. Novel porous films having low dielectric constants synthesized by liquid phase silylation of spin-on glass sol for intermetal dielectrics 52747
Aoi, Y. *see* Deki, S. 827
Aojin Wang *see* Wang Aojin
Aoki, A., Ohta, K. Strict evaluation of the maximum average of differential probability and the maximum average of linear probability 24790
Aoki, A. *see* Hashimoto, K. 46146
Aoki, H. *see* Honma, S. 52206
Aoki, H. *see* Kido, G. 3300
Aoki, H. *see* Matsubara, K. 27849
Aoki, I., Tezuka, K., Matsuura, H., Kobayashi, S., Fujita, T., Miura, A. 80 GHz AlGaAs HBT oscillator 40950
Aoki, I. *see* Yoshida, A. 11766
Aoki, J. *see* Pesce, A. 21694
Aoki, K., Matsushiro, H., Sakamoto, K. The mechanism of ghost formation in a nonmagnetic single-component process 39466
Aoki, K., Saito, S., Shimiru, M. Dry-etching technology for large size TFT-LCD using microwave plasma 13728
Aoki, K. *see* Badics, Z. 40719
Aoki, K. *see* Badics, Z. 40720
Aoki, K. *see* Fukuda, Y. 2944
Aoki, K. *see* Kaneda, S. 41093
Aoki, K. *see* Moriai, S. 24791
Aoki, K. *see* Nakasu, E. 17035
Aoki, K. *see* Yamanouchi, K. 13390
Aoki, M., Fujii, H. Inter-vehicle communication: technical issues on vehicle control application 9695
Aoki, M., Ozaki, T., Yamada, T., Kawaguchiya, H., Ishibashi, Y., Hamamoto, T. Fully self-aligned $6F^2$ cell technology for low cost 1Gb DRAM 1349
Aoki, M., Sugimoto, O., Okuda, M., Daito, H., Kotani, A. Vegetable cultivation with electrically-controlled intermittent feeding of nutrient solutions 61382
Aoki, M., Takashima, S., Fujiwara, Y., Aoki, S. New transmission simulation of EA-modulator integrated DFB-lasers considering the facet reflection-induced chirp 33546
Aoki, M. *see* Hatsugai, N. 38901
Aoki, M. *see* Hattori, T. 59111
Aoki, M. *see* Helkey, R. 36084
Aoki, M. *see* Ito, K. 19292
Aoki, M. *see* Kanai, H. 22646
Aoki, M. *see* Katsu, K. 21986
Aoki, M. *see* Katsu, K. 31541
Aoki, M. *see* Kusumoto, H. 60862
Aoki, M. *see* Ohshima, Y. 18083
Aoki, M. *see* Suzuki, K. 43068
Aoki, M. *see* Suzuki, M. 52649
Aoki, M. *see* Takahashi, M. 33107
Aoki, M. *see* Takeuchi, K. 58835
Aoki, M. *see* Yada, T. 32336
Aoki, N. *see* Fujimura, N. 759
Aoki, N. *see* Kikutani, T. 31984
Aoki, N. *see* Konagai, C. 177
Aoki, N. *see* Sano, Y. 21368
Aoki, R. *see* Murakami, H. 12310
Aoki, R. *see* Ota, H. 40550
Aoki, S. *see* Aoki, M. 33546
Aoki, S. *see* Aota, T. 49366
Aoki, S. *see* Funato, M. 30764
Aoki, S. *see* Funato, M. 40356
Aoki, S. *see* Okano, H. 26916
Aoki, S. *see* Okano, H. 58328
Aoki, S. *see* Takahata, K. 43363
Aoki, S. *see* Ugai, Y. 40654
Aoki, S. *see* Ugai, Y. 48794
Aoki, S. *see* Yamauchi, J. 44021
Aoki, T. Observation of photon emissions from hot electrons and latch-up at the cleaved surface of CMOS structures 2670
Aoki, T. Deployment of the multimedia network and multimedia services 26334
Aoki, T., Asao, Y., Furukawa, K., Nakae, T., Yamaguchi, M., Iguchi, S., Fukuda, A., Abe, T. Development of high-speed data transmission equipment for the full depth remotely operated vehicle "KAIKO" 58309
Aoki, T., Takabe, M., Mizutani, K., Itabe, T. Laser-ranging scanning system to observe topographical deformations of volcanoes 49976
Aoki, T., Tokoyo, H., Higuchi, T. High-radix parallel dividers for VLSI signal processing 31289
Aoki, T., Yokoi, K. Capacitance scaling system 27831
Aoki, T. *see* Akazawa, M. 12957
Aoki, T. *see* Altintas, O. 16104
Aoki, T. *see* Hodgson, A.J. 7440
Aoki, T. *see* Kuwata, Y. 51558
Aoki, T. *see* Nagashima, Y. 49349
Aoki, T. *see* Saito, T. 46750
Aoki, T. *see* Saito, T. 46764
Aoki, T. *see* Suzuki, A. 12294
Aoki, T. *see* Yukoyama, Y. 16354
Aoki, Y., Iijima, T. The invariance of the equation of figure source for observing transformation 15468
Aoki, Y., Mimino, Y., Kennan, W. Microwave and millimeter wave ICs 7062
Aoki, Y., Nakazawa, Y., Umemoto, S. Water-cooled argon ion laser for UV oscillation 33374
Aoki, Y., Shio, A., Odaka, K. A prototype system for interpreting hand-sketched floor plans 5647
Aoki, Y. *see* Hatsuda, T. 34089
Aoki, Y. *see* Hattori, R. 40411
Aoki, Y. *see* Kagiwada, H. 45733
Aoki, Y. *see* Kato, K. 2885
Aoki, Y. *see* Kennan, W. 41507
Aoki, Y. *see* Shibata, T. 43365
Aomori, M. *see* Saito, Y. 41836
Aono, K., Fujiwara, Y., Ishikawa, K., Kuratani, H., Akagi, Y., Murakami, H. Development of high-voltage large-capacity gas-cooled gas-insulated transformer 9302
Aono, K. *see* Okamoto, K. 41207
Aono, M. *see* Katayama, M. 783
Aono, M. *see* Shklyaev, A.A. 2413
Aono, M. *see* Watanabe, S. 12057
Aono, M. *see* Yagi, E. 2060
Aono, T., Matsuda, Y., Seino, K., Kamiya, T. Position estimation using GPS and dead reckoning 27898
Aono, T. *see* Katata, H. 35195
Aono, Y., Oichi, A., Tadokoro, Y. Walking navigation system for the visually impaired using a guide stick 8162
Aoshima, N. *see* Kumai, N. 58651
Aoshima, N. *see* Yoshihashi, M. 20240
Aoshima, S.-I., Itoh, H., Tsuchiya, Y. Compact diode-pumped Cr^{3+}:LiSrAlF$_6$ femtosecond laser 44413
Aoshima, Y., Mino, Y., Takai, T., Nakazawa, H., Makino, Y., Mihara, Y. Development of 500 kV liquid cooled gas insulated transformer 9301
Aota, H. *see* Kimura, T. 60541
Aota, T., Yamaguchi, N., Ikeda, K., Aoki, S., Yoshikawa, M., Mase, A., Tamano, T. Image characteristics of a channel plate collimator for low energy X-rays 49366
Aoto, K. *see* Asano, T. 52753
Aoto, N. *see* Muramatsu, Y. 42474
Aoto, N. *see* Tsuji, M. 42564
Aouda, N., Cheron, Y., Metz, M., Foch, H. Improved operating area of the zero-voltage-switching series-resonant converter using nonlinear capacitive snubbers 51352
Aouli, R. *see* Dami, M.A. 9144
Aoun, W.G.A. *see* Dacre, B. 50693
Aoyagi, E. *see* Noya, A. 785
Aoyagi, E. *see* Noya, A. 32065
Aoyagi, H., Hoshina, K., Taniguchi, Y., Ikeda, H. Study of flashover characteristics over the surface of insulator in SF_6 gas 60944
Aoyagi, H., Taniguchi, Y., Iida, T., Ichikawa, I. V-t characteristics of gas insulating spacer model for sustained AC voltage 60941
Aoyagi, H. *see* Hasegawa, T. 9419
Aoyagi, M. *see* Karpov, A. 17010

Aoyagi, M. *see* Plathner, B. 21903
Aoyagi, T. *see* Watanabe, H. 17067
Aoyagi, T. *see* Watanabe, H. 58285
Aoyagi, Y. Self-controlled material processing 10812
Aoyagi, Y., Asakura, T. A study on traffic sign recognition in scene image using genetic algorithms and neural networks 46369
Aoyagi, Y., Meguro, T. Digital etching of GaAs. The mechanism and the application 22604
Aoyagi, Y. *see* Bird, J.P. 12467
Aoyagi, Y. *see* Bird, J.P. 42235
Aoyagi, Y. *see* Hamano, T. 52607
Aoyagi, Y. *see* Isshiki, H. 52700
Aoyagi, Y. *see* Jeong-Sik Lee 787
Aoyagi, Y. *see* Jeong-Sik Lee 52702
Aoyagi, Y. *see* Kanda, A. 13510
Aoyagi, Y. *see* Komuro, S. 13809
Aoyagi, Y. *see* Meguro, T. 2395
Aoyagi, Y. *see* Meguro, T. 52699
Aoyagi, Y. *see* Meguro, T. 54450
Aoyagi, Y. *see* Nomura, S. 12454
Aoyagi, Y. *see* Ochiai, Y. 12468
Aoyagi, Y. *see* Sasaki, N. 42237
Aoyagi, Y. *see* Stopa, M. 12459
Aoyagi, Y. *see* Tanaka, S. 22331
Aoyagi, Y. *see* Tanaka, S. 40367
Aoyama, H. *see* Iba, Y. 32308
Aoyama, K. *see* Kamio, H. 7217
Aoyama, K. *see* Nakamura, K. 35071
Aoyama, K. *see* Sato, H. 12671
Aoyama, M. *see* Gong, X.Y. 41935
Aoyama, M. *see* Murakami, M. 16782
Aoyama, M. *see* Murakami, M. 26794
Aoyama, S. *see* Hirano, M. 31521
Aoyama, T. *see* Kanada, T. 35736
Aoyama, T. *see* Sekiguchi, T. 36959
Aoyama, Y. *see* Kawamura, A. 51893
Apanasevich, P.A., Afanas'ev, A.A., Gubar, N.B., Urbanovich, A.I. Compression of laser pulses in the interaction of counterpropagating waves in a medium with an inertial cubic nonlinearity 14392
Apanasevich, P.A., Zaparozhchenko, R.G., Zaporozhchenko, V.A., Kilin, S.Ya., Orlovich, V.A. Statistical characteristics of backward stimulated Raman scattering due to quantum noise 14397
Apanasevich, P.A. *see* Vodchitz, A.I. 33619
Aparicio, S. *see* Bonal, J. 30168
Aparicio, S. *see* Bonal, J. 43191
Aparicio Acosta, F.M. On some chaos techniques and the modelling of nonlinear time series 45870
Aparshina, L. *see* Petrashov, V. 42833
Apateanu, L., Rand, D.A.J. Recent publications on lead/acid batteries and related phenomena: 1995, Nos. 1 & 2, B1-B20 29556
Apathy, I., Deme, S., Feher, I. Microprocessor controlled portable TLD system 8200
Apaydin, O. *see* Sen, Y. 1728
Apeldoorn, O. Simulation in power electronics 1138
Apeldoorn, O., Kriegel, K. Optimal design of transformers for high-power high-frequency applications 41553
Apeldoorn, O. *see* Pratmarty, D. 51834
Apelt'cin, V. High-frequency asymptotic projection method in the problem of the thin dielectric layer's excitation over the circular conducting cylinder 45057
Aperathitis, E., Hatzopoulos, Z., Androulidaki, M., Foukaraki, V., Kondilis, A., Scott, C.G., Sands, D., Panayotatos, P. RF sputtered indium-tin-oxide as antireflective coating for GaAs solar cells 51578
Apetz, R. *see* Chretien, O. 2161
Apetz, R. *see* Chretien, O. 12371
Apetz, R. *see* Higgs, V. 54207
Apetz, R. *see* Popescu, C. 2104
Apetz, R. *see* Rente, C. 59279
Apfelauer, G., Raber, U. IN as an integrator for private and public networks 26319
Apfelbeck, J., Wilhelm, M. Performance analysis of UMTS protocols in a metropolitan area scenario by detailed simulation 35520
Apisdorf, J., Claffy, K., Thomson, K., Wilder, R. OC3MON: flexible, affordable, high performance statistics collection 16181
Apiwatwaja, R., Gwilliam, R., Wilson, R., Sealy, B.J. Activation modeling of Si implanted GaAs 32130
Aplin, P.S. Protection of photomultipliers from overload 41806
Aplin, P.S. *see* Shreter, Yu.G. 12269
Apollonov, V.V., Bocquet, R., Boscheron, A., Gribenyukov, A.I., Korotkova, V.V., Rouyer, C., Suzdal'tsev, A.G., Shakir, Yu.A. Far infrared generation by CO_2 lasers frequencies subtraction in a $ZnGeP_2$ crystal 14315
Apollonov, V.V., Kazantsev, S.Yu., Oreshkin, V.F., Firsov, K.N. Efficient nonchain HF(DF) lasers with high output characteristics 23742
Apollonov, V.V., Kazantsev, S.Yu., Oreshkin, V.F., Firsov, K.N. Feasibility of increasing the output energy of a nonchain HF (DF) laser 55491
Apollonov, V.V., Kiiko, V.V., Kislov, V.I. Divergence of the radiation from a solid-state laser with a stable cavity and with intracavity apertures 14046
Apollonov, V.V., Kislov, V.I., Prokhorov, A.M. Phase locking of a semiconductor diode array in an external cavity 23892
Apollonov, V.V. *see* Shakir, Y.A. 44350
Apollonskii, S.M. Non-traditional methods of screening in electromagnetic systems 45195
Apolonskii, A.A. Saturation parameter and intensity of argon laser radiation 13956
Apolonsky, A.A., Kobtsev, S.M., Sorokin, N.I. Investigation of a second harmonic generation in BBO inside a cavity of a CW linear dye laser with different pumping 24176
Apostalakis, G.E. *see* Zio, E. 39678
Apostolakis, G. *see* Milici, A. 38473
Apostolakis, G.E. *see* Tuli, R.W. 19455
Apostolescu, R. *see* Bodea, E. 48742
Apostolico, F., Gammaitoni, L., Marchesoni, F., Santucci, S. Resonant trapping: a failure mechanism in switch transitions 40757
Apostolopoulos, N., Geukes, A., Zimmermann, S. DIALECT-network-based digital interactive lectures 6219
Apostolopoulos, T.K., Daskalou, V.C. A model for a time-reference network management system 46919
Apostolov, A.P., Weinbach, D. Universal system protection device with object-oriented graphical protection architecture 19396
Apostolov, T. *see* Ilieva, K. 50718
Apotovsky, B.A. *see* Barber, H.B. 37663
Apotovsky, B.A. *see* Macri, J.R. 37355
Appasamy, B., Courteille, P., Huesmann, R., Stalgies, Y., Neuhauser, W., Toschek, P.E. Contributions to the implementation of a single-ion frequency standard 7141
Appel, A., Crank, S., Kim, Y., Scharrer, C., Spratt, D., Strong, B., Yao, M., Tigelaar, H., Melanson, R. A manufacturable 0.30 μm gate CMOS technology for high speed microprocessors 2814
Appel, W. *see* Dudek, V. 2668
Appel-Hansen, J. Comments on dyadic Green's functions and induced currents 4232
Appelbaum, J. *see* Jenkins, P.P. 38009
Appelbaum, J. *see* Suehrcke, H. 60600
Appell, G.F. Design and tests of a real time SonTek ADP system 50101
Appell, G.F. *see* Shih, H.H. 50179
Appelman, F.J.R. *see* Zuiderveld, K.J. 25252
Appenzeller, G., Crowley, J.L. Experimental performance characterization of adaptive filters 5399
Appenzeller, G., Weckesser, P., Dilimann, R. Active parameter control for the low level vision system of a mobile robot 35215
Appenzeller, G. *see* Weckesser, P. 36500
Appenzeller, J. *see* Neurohr, K. 22448
Apperley, M. *see* Jin, J.X. 50927
Appert, S. *see* Jost, G. 41798
Appetecchi, G.B. *see* Croce, F. 29561
Appiani, E., Corvi, M., Garibotto, G., Coelho, C. High-performance SAR image formation and post-processing 15579
Apple, D. *see* Carroll, S. 20506
Apple, J.A. *see* Ramsey, B.D. 37286
Applebaum, T.H., Morin, P., Hanson, B.A. A phoneme-similarity based ASR front-end 15120
Appleby, A.J. Issues in fuel cell commercialization 9532
Appleby, J.C. What mathematics do our students know? What should we teach them? 52054
Appleby, R. *see* Anderton, R.N. 58856
Appleby, R. *see* Frost, R. 8607
Appleby, R. *see* Lettington, A. 27049
Appleman, R. *see* Bonk, C.L. 82
Appleton, D.P. *see* Hockley, C.J. 60133
Appleton, S., Morton, S., Liebelt, M. High performance two-phase asynchronous pipelines 41106
Appleton, S.S., Morton, S.V., Liebelt, M.J. Two-phase asynchronous pipeline control 53327
Applewhite, A.Z. *see* Tracinski, W.A. 59956
Appollinari, G. *see* Bonushkin, Y. 31719
April, G.-E. *see* Ngandui, E. 51141
Aprille, T.J., Kafka, H.J., Sipes, J.D., Das, S.K., Schwerin, L.M., Stevens, N.S. End-to-end consumer interactive-broadband networks 47427
Aprille, T.J., Schwerin, L.M., Sipes, J.D., Stevens, N.S. Interactive broadband services and PCS network architecture 16439
Apruzese, J.P. *see* Sanford, T.W.L. 7753
Apsimon, R.J. *see* Beringer, J. 37394
Apte, D. *see* Cogan, A.I. 21969
Apte, P.R. *see* Kumar, D. 13497
Apte, P.R. *see* Rao, M.S.R. 1557
Apte, R. *see* Street, R.A. 33228
Aptekarev, A.I., Branquinho, A., Marcellan, F. Toda-type differential equations for the recurrence coefficients of orthogonal polynomials and Freud transformation 30643
Apu, S., Sachidananda, M. Waveguide slot element 34371
Aquilina, R. *see* Danthez, J.M. 56436
Aquino, M. *see* Mainardi, L.T. 37597
Ara, K., Ebine, N., Nakajima, N. A new method of nondestructive measurement for assessment of material degradation of aged reactor pressure vessels 19505
Ara, K. *see* Kaneko, J. 37465
Ara, K. *see* Sakasai, K. 48501
Ara, M. *see* Honda, K. 7222
Ara, M. *see* Ohtomo, H. 8993
Ara, S. *see* Osborne, W.P. 6023
Ara, T., Yamamoto, S., Oda, S. A method for determining armature leakage reactance from DC decay testing method 29205
Arabi, K., Kaminska, B., Sunter, S. Design for testability of integrated operational amplifiers using oscillation-test strategy 1047
Arabi, K., Kaminska, I., Rzeszut, J. BIST for D/A and A/D converters 11514
Arabi, S., Kundur, P. A versatile FACTS device model for powerflow and stability simulations 19276
Arabi, T., Riendeau, D., Tripp, M. Trade-off analyses in system designs and some implications to manufacturing 40990
Arabi, T. *see* Jong-Gwan Yook 40992
Arabi, T. *see* Tripathi, A. 54498
Arabi, T.R. *see* Yook, J.-G. 41578
Arabnia, H.R. A distributed stereocorrelation algorithm 46472
Arabnia, H.R. *see* Ehandarkar, S.M. 46335
Arachi, Y., Yamamoto, O., Takeda, Y., Imanishi, N. The electrical conductivity of the ZrO_2-Sc_2O_3-Y_2O_3 and ZrO_2-Sc_2O_3-Yb_2O_3 systems 51529
Aracil, J., Munoz, L. Performance of Aloha channels under self-similar input 57869
Aracil, J. *see* Ruiz, A. 26540
Arad, M.A., Kautz, R., Leon-Garcia, A. TDMA and CDMA MAC support for multiple qualities of service in wireless ATM networks 16044
Arafa, A.O. *see* Mufti, A.H. 23235
Arafa, M., Ismail, K., Chu, J.O., Adesida, J. High performance self-aligned SiGe p-type modulation-doped field-effect transistors 2722
Arafa, M., Ismail, K., Chu, J.O., Meyerson, B.S., Adesida, I. A 70-GHz f_T low operating bias self-aligned p-type SiGe MODFET 13027
Arafa, M. *see* Adesida, I. 43131
Arafa, M. *see* Mahajan, A. 1717
Arafa, M. *see* Mahajan, A. 43344
Arafa, M. *see* Wohlmuth, W. 48540
Arafa, M. *see* Wohlmuth, W.A. 17361
Arafeh, L. *see* Meitzler, T.J. 25315
Aragao Filho, W.C.P.De *see* De Aragao Filho, W.C.P.
Aragon, B. *see* Deyres-Pescay, C. 50139
Aragon, B.P. *see* Woodworth, J.R. 40641
Aragones, X. *see* Casalta, J.M. 41354
Arahira, S., Kutsuzawa, S., Matsui, Y., Ogawa, Y. Higher order chirp compensation of femtosecond mode-locked semiconductor lasers using optical fibers with different group-velocity dispersions 55713
Arahira, S., Ogawa, Y. Repetition-frequency tuning of monolithic passively mode-locked semiconductor lasers with integrated extended cavities 23970
Arahira, S. *see* Matsui, Y. 23907
Arai, A. *see* Koseki, T. 13729
Arai, E. *see* Zaitsu, Y. 40659
Arai, F., Andou, D., Nonoda, Y., Fukuda, T., Iwata, H., Itoigawa, K. Micro endeffector with micro pyramids and integrated piezoresistive force sensor 58688
Arai, F., Fukuda, T., Iwata, H., Itoigawa, K. Integrated micro endeffector for dexterous micromanipulation 23079
Arai, F. *see* Yoneda, M. 26372
Arai, H. Field simulator for Rayleigh/Rician fading reproduction 34079
Arai, H., Kohzu, K. A bidirectional notch antenna 34222
Arai, H. *see* Eguchi, K. 19991
Arai, H. *see* Eguchi, K. 29627
Arai, H. *see* Eguchi, K. 51522
Arai, H. *see* Fujimoto, K. 34080
Arai, H. *see* Kobayash, T. 1455
Arai, H. *see* Kuga, N. 35942
Arai, H. *see* Maehata, H. 55979
Arai, H. *see* Nanjundaswamy, K.S. 38948
Arai, H. *see* Shindou, Y. 26556
Arai, H. *see* Tsukamoto, K. 34446
Arai, H. *see* Ueda, H. 45357
Arai, J. *see* Okano, F. 58924
Arai, J. *see* Watanabe, M. 38381
Arai, K., Yoshioka, O., Sagayama, S., Sugamura, N. An operation analysis of an address input system with speech recognition 56393
Arai, K. *see* Jung, H.D. 42381
Arai, K. *see* Kaiho, K. 55074
Arai, K. *see* Kamae, T. 37359
Arai, K. *see* Kaneko, S. 32582
Arai, K. *see* Kitagawa, M. 7079
Arai, K. *see* Kitai, M. 46964
Arai, K. *see* Shishiguchi, S. 10771
Arai, K. *see* Sudou, M. 22511
Arai, K. *see* Takeno, H. 23158
Arai, K. *see* Teramoto, K. 25450
Arai, K. *see* Tomasini, P. 754
Arai, K.I. *see* Honda, T. 43719
Arai, K.I. *see* Yamaguchi, M. 7533
Arai, K.I. *see* Yamaguchi, M. 7561
Arai, K.I. *see* Yamaguchi, M. 23390
Arai, M. *see* Hori, A. 43295
Arai, M. *see* Segawa, M. 43025
Arai, M. *see* Uehara, T. 2803
Arai, S., Arakaki, Y., Hashimoto, Y., Imanishi, A., Katayama, T., Masuda, H., Niki, K., Okada, M., Takeda, Y., Tojyo, E., Tokuda, N., Tomizawa, M., Yoshida, K., Yoshizawa, M. Beam test results of the INS RFQ/IH linac 49038
Arai, S., Maruyama, Y., Tonegawa, S., Suzuki, W., Takahashi, M. 17 GHz 400 W traveling wave tubes for earth stations 31716

Arai, S., Watanabe, T. Crystal structure and microstructure of electrodeposited Sn-Ag alloys 21366
Arai, S. *see* Ido, S. 4996
Arai, S. *see* Ido, S. 5402
Arai, S. *see* Ki-Chul Shin 55719
Arai, S. *see* Sugihara, H. 60942
Arai, S. *see* Takizawa, T. 44075
Arai, S. *see* Takizawa, T. 55840
Arai, S. *see* Tamura, Y. 7086
Arai, S. *see* Yamamoto, Y. 40394
Arai, S. *see* Yasuda, H. 22675
Arai, T., Hidaka, J., Tokunaga, H., Matsumoto, K. Highly uniform growth in a low-pressure MOVPE multiple wafer system 40328
Arai, T., Ono, H., Ayusawa, K. $Ba(Co,Nb)O_3$-based ceramics for super high frequency dielectric filter 13407
Arai, T. *see* Ishii, Y. 11892
Arai, T. *see* Ishii, Y. 11898
Arai, T. *see* Kobayashi, M. 32830
Arai, T. *see* Nunokawa, H. 5937
Arai, T. *see* Uchida, K. 42151
Arai, T.T., Inaishi, Y., Sawado, Y., Kobayashi, I., Hidaka, J. Preparation of $SrTiO_3$ films on 8-inch wafers by chemical vapor deposition 836
Arai, Y., Arayasiki, M., Soga, Y. Client management system 7085
Arai, Y., Arnold, J.G., Barkell, J.W., Bevensee, B., Broomer, B., Chapman, J.W., Chiba, M., Collins, T., Corden, M.J., Craig, D., Davis, D.M., Dressnandt, N., Dunn, A., Dunn, W.L., Ekenberg, T., Emery, M.S., Emura, T., Erdos, E., Ford, W.T., Gabriel, T.A., Goshaw, A.T., Greene, S.V., Van Haaren, M., Hackworth, D.T., Hamatsu, R., Hanson, G., Hirose, T., Ikeno, M., Jia, Q.P., Johnson, D., Kageya, T., Keener, P., Kitamura, S., Lee, A.M., Leitch, R.M., Li, Z., Luehring, F., Mann, J., Marshall, T., Martin, B., Miao, C., Murata, T., Newcomer, F.M., Odaka, S., O'Foghludha, F., Ogren, H., Oh, S.H., Ohska, T.K., Robertson, W., Rust, D.R., Sasaki, O., Schultz, G., St. Onge, K.D., Sudo, F., Swensrud, R.L., Thompson, B.R., Toki, W., Van Berg, R., Vandergriff, D.H., Vejcik, S., Wang, C., Warner, D., Watase, Y., Watson, C.R., Wente, E., Williams, H.H., Wilson, R., Winningham, A., Xiao, D., Yamauchi, K., Zou, B., Zuelchner, C. A modular straw drift tube tracking system for the Solenoidal Detector Collaboration experiment. I. Design 37267
Arai, Y., Arnold, J.G., Barkell, J.W., Bevensee, B., Broomer, B., Chapman, J.W., Chiba, M., Collins, T., Corden, M.J., Craig, D., Davis, D.M., Dressnandt, N., Dunn, A., Dunn, W.L., Ekenberg, T., Emery, M.S., Emura, T., Erdos, E., Ford, W.T., Gabriel, T.A., Goshaw, A.T., Greene, S.V., van Haaren, M., Hackworth, D.T., Hamatsu, R., Hanson, G., Hirose, T., Ikeno, M., Jia, Q.P., Johnson, D., Kageya, T., Keener, P., Kitamura, S., Lee, A.M., Leitch, R.M., Li, Z., Luehring, F., Mann, J., Marshall, T., Martin, B., Miao, C., Murata, T., Newcomer, F.M., Odaka, S., O'Foghludha, F., Ogren, H., Oh, S.H., Ohska, T.K., Robertson, W., Rust, D.R., Sasaki, O., Schultz, G., St. Onge, K.D., Sudo, F., Swensrud, R.L., Thompson, B.R., Toki, W., Van Berg, R., Vandergriff, D.H., Vejcik, S., Wang, C., Warner, D., Watase, Y., Watson, C.R., Wente, E., Williams, H.H., Wilson, R., Winningham, A., Xiao, D., Yamauchi, K., Zou, B., Zuelchner, C. A modular straw drift tube tracking system for the solenoidal detector collaboration experiment. II. Performance 37268
Arai, Y., Yokozeki, S., Shiraki, K., Yamada, T. High-speed two-dimensional fringe analysis using frequency demodulation 15435
Arai, Y., Yokozeki, S., Shiraki, K., Yamada, T. High-speed fringe analysis method using frequency demodulation technology 46123
Arai, Y. *see* Ishida, A. 20807
Arai, Y. *see* Miyahara, H. 27863
Arai, Y. *see* Okuda, S. 48181
Arai, Y. *see* Tanaka, M. 58906
Arai Shigehisa *see* Shigehisa Arai
Araiza, A.Tijerina *see* Tijerina Araiza, A.
Arakaki, H. *see* Takahashi, H. 38414
Arakaki, K. *see* Yen-Wei Chen 15560
Arakaki, K. *see* Yen-Wei Chen 56845
Arakaki, Y. *see* Arai, S. 49038
Arakaki, Y. *see* Matsumoto, Y. 26660
Arakaki, Y. *see* Watanabe, T. 37036
Arakawa, A. *see* Okazaki, H. 30838
Arakawa, D. *see* Sato, H. 59166
Arakawa, H. *see* Skaggs, F. 44302
Arakawa, K. *see* Yokota, W. 49266
Arakawa, M. *see* Mizutani, T. 43138
Arakawa, M. *see* Shinonaga, H. 2542
Arakawa, M. *see* Takebuchi, M. 42711
Arakawa, S. *see* Umeda, N. 59061
Arakawa, T., Kato, Y., Sogawa, F., Arakawa, Y. Photoluminescence studies of GaAs quantum wires with quantum confined Stark effect 31848
Arakawa, T., Matsumoto, R., Hayashi, T. Impact of tunnel film oxynitridation on band-to-band tunneling current and electron injection in flash memory 53285
Arakawa, T. *see* Matsumoto, Y. 35042
Arakawa, T. *see* Sato, Y. 19957
Arakawa, Y., Nishioka, M., Nakayama, H., Kitamura, M. Growth and optical properties of self-assembled quantum dots for semiconductor lasers with confined electrons and photons 22354
Arakawa, Y., Toda, Y., Nagamune, Y., Ohtsu, M. Low-temperature near-field spectroscopy of quantum dots 54237
Arakawa, Y. *see* Arakawa, T. 31848
Arakawa, Y. *see* Kitamura, M. 40480
Arakawa, Y. *see* Nagamune, Y. 12462
Arakawa, Y. *see* Nakayama, H. 44577
Arakawa, Y. *see* Nishioka, M. 14170
Arakawa, Y. *see* Ohnesorge, B. 2216
Arakawa, Y. *see* Schur, R. 55656
Arakawa, Y. *see* Sekine, N. 14756
Arakawa, Y. *see* Sekine, N. 24593
Arakawa, Y. *see* Sogawa, F. 3879
Arakelian, S.M. *see* Klimovskii, I.I. 30188
Arakelyan, S.M. *see* Abramov, D.V. 13564
Araki, D. *see* Kohno, T. 52954
Araki, E. *see* Tsuda, M. 12172
Araki, H. Multiple-line addressing adds new power to STN LCDs 36798
Araki, H., Kanie, H., Nagano, M., Sano, M., Yonezawa, Y. Blue-light emitting vacuum fluorescent display using Te-doped ZnS phosphors 36827
Araki, H., Yamada, K., Hiroshima, Y., Ito, T. Development of rear-end collision avoidance system 29862
Araki, H. *see* Kutsuwa, T. 11863
Araki, K., Arimoto, Y., Shikatani, M., Toyoda, M., Toyoshima, M., Takahashi, T., Kanda, S., Shiratama, K. Performance evaluation of laser communication equipment onboard the ETS-VI satellite 6783
Araki, K., Aruga, T. Space optical communication technologies–an overview 26865
Araki, K., Morimoto, K., Morita, K., Niwa, M., Hirai, Y. Novel fabrication method of Si nanostructures using atomic force microscope (AFM) field-enhanced oxidation and anisotropic wet chemical etching 32182
Araki, K. *see* Fontes, M.B.A. 28081
Araki, K. *see* Satoh, T. 24795
Araki, K. *see* Toyoda, M. 6785
Araki, K. *see* Toyoshima, M. 8498
Araki, K. *see* Uchida, S. 29361
Araki, K. *see* Wilson, K.E. 6788
Araki, M., Koyama, H., Koshida, N. Controlled electroluminescence spectra of porous silicon diodes with a vertical optical cavity 3636
Araki, M. *see* Asahi, K. 6765
Araki, M. *see* Nix, A.R. 47210
Araki, M. *see* Tanaka, S. 34965
Araki, N., Noda, K., Takada, E., Hishitani, E., Yamamoto, Y. Extraction beam spill control at heavy ion synchrotron 28410
Araki, N., Shinonaga, H. Time-dependent GES assignment method for non-GSO satellite systems 36062
Araki, N. *see* Hayashiya, H. 4205
Araki, N. *see* Hayashiya, H. 51888
Araki, N. *see* Kawata, K. 33166
Araki, N. *see* Tanaka, M. 13323
Araki, S., Yokoya, N., Iwasa, H., Takemura, H. Splitting active contour models based on crossing detection for extracting multiple objects 4946
Araki, T., Fujisawa, Y., Hashimoto, M. An ultraviolet nanosecond light pulse generator using a light emitting diode for test of photodetectors 44281
Araki, T., Hisada, Y. Optical inter-orbit communication technology; as a part of future space infrastructure 26868
Araki, T., Hisada, Y., Tajima, Y. High power optical amplifier for optical inter-orbit communications 6800
Araki, T. *see* Fujiwara, S. 10665
Araki, T. *see* Hanaki, M. 35588
Araki, T. *see* Inoue, N. 21283
Araki, T. *see* Komatsu, T. 9721
Araki, T. *see* Okamoto, K. 41207
Araki, T. *see* Otani, S. 9704
Araki, T. *see* Sone, T. 27663
Araki, T. *see* Yasui, T. 33377
Araki, Y. *see* Noda, Y. 60960
Araki, Y. *see* Ono, T. 9900
Aramaki, S. *see* Kaneko, S. 32582
Aramaki, T. *see* Pietsch, W. 33282
Araman, P. *see* King, W.E. 25484
Aramburo, M.C.Delgado *see* Delgado Aramburo, M.C.
Aramendi, E., Ruiz, J., Leturiondo, L., Lazcano, A. System for monitoring the electric power supply system and for voltage and current transients recording 8973
Aramendi, E. *see* Lander, P. 49689
Aramendi, E. *see* Leturiondo, L. 8974
Aramo, C. *see* Agnetta, G.A. 18096
Aramoto, M., Kondo, Y., Inoue, N., Kikuta, H., Fujioka, M. Intelligent network evolution for global services – handling of service data 35791
Aramoto, T. *see* Nishio, T. 39108
Aranda, F.J., Narayana Rao, D., Rao, D.V.G.L.N., Nakashima, M., DeCristofano, B. Nonlinear absorption of tetrabenzporphyrins 24229
Aranda, F.J. *see* Kimball, B.R. 24230
Arango, H.G., Lambert-Torres, G., Alves da Silva, A.P., Quintana, V.H. Spatial-temporal disorder applied to load evolution in power system distribution planning studies 19296
Arango, H.G., Lambert-Torres, G., da Silva, A.P.A. Load evolution for power system distribution planning studies: an approach using spatial disorder 28847
Arani, F. *see* Thomas, B. 45644
Aranyosi, A., Bolle, L., Buyse, H. Compact air-cooled heat sinks for power packages 52284
Arapostathis, A. *see* Farach, J.E. 8978
Arapov, Yu.G., Gorodilov, N.A., Neverov, V.N., Kharus, G.I., Shelushinina, N.G. Scaling in the regime of the quantum Hall effect and hole localization in p-Ge/$Ge_{1-x}Si_x$ heterostructures 54145
Arashi, H. *see* Naito, H. 61101
Arashi, H. *see* Yugami, H. 29156
Arashi, T. *see* Yamamatsu, J. 11764
Aratani, K. *see* Narahara, T. 44119
Arato, A., Barkaszi, M., Buday, L., Vaspori, T. Hybrid books for the blind–a new form of talking books 8173
Arato, A. *see* Hine, N. 6172
Arato, P., Beres, I. A compatibility based allocation method in high level synthesis 1201
Arau, J. *see* Aguilar, C. 9344
Arau, J. *see* Cobos, J.A. 9345
Arau, J. *see* Correa, J. 19859
Arau, J. *see* Hernandez, M. 9346
Arau, J. *see* Martinez, A. 51375
Arau, J. *see* Ponce, M. 20217
Arau, J. *see* Rodriguez, E. 19868
Arau, J. *see* Rodriguez, E. 51206
Arau, J. *see* Rosales, J. 19857
Araujo, A.de Albuquerque *see* de Albuquerque Araujo, A.
Araujo, A.S. *see* Carvalho, A.S. 51183
Araujo, A.S. *see* Martins, A.P. 51238
Araujo, C.A. *see* Joshi, V. 54922
Araujo, C.A.Paz de *see* Paz de Araujo, C.A.
Araujo, C.B.De *see* De Araujo, C.B.
Araujo, D. *see* Romero, M.J. 31996
Araujo, G. *see* Luque, A. 29150
Araujo, H. *see* Batista, J. 5066
Araujo, H. *see* Batista, J. 27659
Araujo, H.M., Chepel, V.Yu., Lopes, M.I., Marques, R.F., Policarpo, A.J.P.L. Low temperature performance of photomultiplier tubes illuminated in pulsed mode by visible and vacuum ultraviolet light 36565
Araujo, M.T.de *see* de Araujo, M.T.
Araujo, R.E., Goncalves, J.J., Tavares, A., Freitas, D.S. Phasor visualizer for investigation, teaching and control of induction motor 9575
Araujo-Osorio, J. *see* Gudino-Martinez, A. 2000
Aravena, J.L. *see* Venkatachalam, V. 56581
Aravindan, R.J.G. *see* Ambuselvan, T. 18480
Aravindan, R.J.G. *see* Madhumathi, S. 18295
Araya, R. *see* Ueki, Y. 28841
Arayasiki, M. *see* Arai, Y. 7085
Araz, I. *see* Titov, A. 13973
Araz, I. *see* Titov, A. 13974
Arbel, A. An interior multiobjective primal-dual linear programming algorithm based on approximated gradients and efficient anchoring points 30531
Arbel, A. Towards a perfect CMOS CCII 41321
Arbel, D., Djaloshinski, L., Orenstein, M. From vertical to in-plane emission of circular VCSELs 55749
Arbel, D. *see* Hadar, O. 15944
Arbenz, P. On experiments with a parallel direct solver for diagonally dominant banded linear systems 10472
Arbert, M. *see* Jahn, E. 26838
Arbet-Engels, V. *see* Cheng, C.C. 41929
Arbet-Engels, V. *see* Cheng, C.G. 22729
Arbetter, B., Maksimovic, D. Feedforward pulse width modulators for switching power converters 51143
Arbogast, T. *see* Vaidya, M. 51115
Arboiro, J.C. *see* Sala, G. 38650
Arbore, M.A., Digonnet, M.J.F., Pantell, R.H. Analysis of the insertion loss and extinction ratio of two-mode fiber interferometric devices 17410
Arbore, M.A., Fejer, M.M. Singly resonant optical parametric oscillation in periodically poled lithium niobate waveguides 33677
Arbore, M.A., Fejer, M.M., Fermann, M.E., Haribaran, A., Galvanauskas, A., Harter, D. Frequency doubling of femtosecond erbium-fiber soliton lasers in periodically poled lithium niobate 24245
Arbore, M.A., Ming-Hsien Chou, Fejer, M.M. Difference frequency mixing in $LiNbO_3$ waveguides using an adiabatically tapered periodically-segmented coupling region 4033
Arbore, M.A. *see* Chou, M.H. 44032
Arbore, M.A. *see* Galvanauskas, A. 24254
Arbter, K. *see* Guo-Qing Wei 28405
Arbuthnot, L. *see* Aguilera, M. 17633
Arbuzov, V.A., Bakakin, G.V., Dubnistchev, Yu.N. Polychromatic Hilbert transform of optical signals 15453
Arbuzov, Yu.D., Evdokimov, V.M., Lisovskii, Yu.L. Bulk photovoltaic effect in nonuniformly doped semiconductors 29643
Arcangeli, L. *see* Cole, M.J. 48024
Arcas, J. *see* Gomez-Polo, C. 27506
Arcasoy, C.C., Ouyang, G. Analytical solution of α-β-Γ tracking filter with a noisy jerk as correlated target maneuver model 34725
Arce, C. *see* Corsi-Cabrera, M. 59636
Arce, G.R. *see* Gonzalez, J.G. 25026
Arce, G.R. *see* Griffith, D.W. 34870
Arce, G.R. *see* Heredia, E.A. 15374
Arce, G.R. *see* Lau, D.L. 56925
Arce, G.R. *see* Zurbach, P. 5168

Arce, J.L. *see* Lopez-Higuera, J.M. 50813
Arce, R.D. *see* Schmidt, J.A. 23651
Arcelli, C., Ramella, G. Sketching a grey-tone pattern from its distance transform 15854
Arcelli, C., Serino, L. From discs to parts of visual form 25277
Arceo, J. *see* Yun, K.Y. 53236
Arch, D., Ohnstein, T., Zook, D., Guckel, H. A MEMS-based tunable infrared filter for spectroscopy 44173
Arch, J. *see* Chin-Yu Tsai 43347
Archambault, S. *see* Yan, J. 47413
Archambrault, B., Berger, H.S. Susceptibility modeling analysis of parasitics in unshielded products with long wires attached 45205
Archer, D.H., Wimer, J.G., Williams, M.C. Power generation by combined fuel cell and gas turbine systems 20021
Archer, G., Chan, K. Bootstrapping uncertainty in image analysis 5278
Archer, J.W. Australian millimetre-wave MMIC technology for wideband telecommunication systems 53678
Archer, N.P. *see* Kao, D. 20792
Archie, C. *see* Ghodssi, R. 23064
Archuleta, T. *see* Oertel, J.A. 37574
Arcidiacono, A. Multimedia services and data broadcasting via satellite 57985
Arcioni, P., Bressan, M., Conciauro, G., Perregrini, L. Wideband modeling of arbitrarily shaped E-plane waveguide components by the "boundary integral-resonant mode expansion method" 11654
Arcioni, P., Bressan, M., Perregrini, L. On the evaluation of the double surface integrals arising in the application of the boundary integral method to 3-D problems 40245
Arcioni, P. *see* Zobov, M. 49224
Arciszewska, M. *see* Story, T. 12313
Arcoleo, M. Comparison of SRAM (Static Random Access Memory) architectures 41128
Arcone, S.A., Yankielun, N.E., Chacho, E.F., Jr. Reflection profiling of Arctic lake ice using microwave FM-CW radar 50174
Arcos, C., Schwartz, M., Nobe, K. Direct and pulse current electrodeposition of ternary CoFeX, CoNiX and NiFeX thin film alloys 30847
Arcot, B. *see* Clevenger, L.A. 42748
Arcuri, G. Stackable hubs evolve for broader role 26426
Ard, C.K. *see* Meyer, J.R. 7562
Ard, C.K. *see* Shetty, R. 671
Arda Aksu, H., Salehi, M. Multi-stage trellis coded quantization (MS-TCQ) 34625
Ardao, J.C.Lopez *see* Lopez Ardao, J.C.
Ardavan, A. *see* Cole, B.E. 42174
Ardebili, R. *see* Manifacier, J.C. 41954
Ardebili, R. *see* Popescu, C. 42057
Ardebilian, M., Xiao Wei Tu, Liming Chen, Faudemay, P. Video segmentation using 3-D hints contained in 2-D images 46051
Ardebilian, M. *see* Faudemay, P. 46053
Ardehali, M.M., Smith, T.F. Evaluation of HVAC system operational strategies for commercial buildings 29664
Ardekani, B.A., Braun, M., Hutton, B.F., Kanno, I., Iida, H. Minimum cross-entropy reconstruction of PET images using prior anatomical information 8006
Arditi, L. *BMDs can delay the use of theorem proving for verifying arithmetic assembly instructions 31332
Ardito, M., Visca, M. Correlation between objective and subjective measurements for video compressed systems 25568
Ardizzone, E., La Cascia, M. Multifeature image and video content-based storage and retrieval 46054
Ardizzone, E., La Cascia, M. Automatic video database indexing and retrieval 46064
Ardoino, M. *see* Zeng, L. 10614
Ardouin, F. *see* Gilbert, F. 36621
Arecchi, F.T., Boccaletti, S., Pampaloni, E., Ramazza, P.L., Residori, S. Competition and coexistence of two-dimensional optical patterns 55875
Arecchi, F.T. *see* Pampaloni, E. 33652
Arecchi, F.T. *see* Ramazza, P.L. 13715
Arecchi, F.T. *see* Ramazza, P.L. 44640
Aredes, M., Hafner, J., Heumann, K. A three-phase four-wire shunt active filter using six IGBTs 41309
Aredes, M., Hafner, J., Heumann, K. Three-phase four-wire shunt active filter control strategies 51139
Aredes, M. *see* Hafner, J. 38331
Aref, M.A. *see* Elleithy, K.M. 52961
Aref, M.R. *see* Hendessi, F. 45632
Aref, W.G., Kamel, I., Niranjan, T.N., Ghandeharizadeh, S. Disk scheduling for displaying and recording video in nonlinear news editing systems 48248
Arefeen, M.S. *see* Shireen, W. 51289
Arefiev, A., Ivanov, A., Kotenok, A. Interferometric devices for angular measurements 7571
Arefiev, A. *see* Tavakkoli, J. 49780
Arefjev, A.S. Physical-mathematical modelling the breakdown formation in high current gas filled diode 22170
Arego, D.A. *see* Parish, M.D. 13730
Areibi, S., Vannelli, A. An efficient clustering technique for circuit partitioning 13068
Areitio Bertolin, A.M. *see* Areitio Bertolin, J. 6070
Areitio Bertolin, J. An integral evaluation of the management of telecommunications networks 5941
Areitio Bertolin, J. The integration of voice, data and video in telecommunications networks. The 'Cell-Relay/ATM' technology 16361
Areitio Bertolin, J., Areitio Bertolin, A.M. Facilities offered by the distributed computing environment (DCE) 6070
Areito Bertolin, A.M. *see* Areito Bertolin, J. 5942
Areito Bertolin, J., Areito Bertolin, A.M. Current ideas on the remote monitoring of networks 5942
Arekat, S. *see* Conde, J.P. 30902
Arekion, J. *see* Ayadi, K. 39742
Arellano, L. System reliability 30385
Aren-Fischer, R. *see* Arrand, H. 33092
Arena, P., Baglio, S., Fortuna, L., Manganaro, G. State controlled CNN: a new strategy for generating high complexity dynamics 1097
Arena, P., Caponetto, R., Fortuna, L., Muscato, G., Xibilia, M.G. Quaternionic multilayer perceptrons for chaotic time series prediction 4655
Arenas, A. *see* Sanz-Bobi, M.A. 39475
Arend, M.F. *see* Ding Wang 55813
Arendt, J. *see* Cole, B. 28506
Arendt, M.F. *see* Neumayer, D.A. 21257
Arendt, S. *see* Witte, F.-O. 17047
Arenius, D., Bevins, B., Chronis, W.C., Ganni, V., Kashy, D., Keesee, M., Wilson, J., Jr Commissioning and operation of the CEBAF end station refrigeration system 37000
Arenius, D.M. *see* Chronis, W.C. 37001
Arens, M. *see* Richter, W. 42549
Arens-Fischer, R. Strukturbeeinflussung von porosem Silicium fur optoelektronische Anwendungen (Structure of porous silicon for optoelectronic applications) 1965
Arens-Fischer, R. *see* Kruger, M. 33257
Arens-Fischer, R. *see* Thonissen, M. 44174
Arent, D. *see* Taylor, R. 50837
Arent, D.J., Peterson, M.W., Kramer, C., Bertness, K.A., Turner, J.A. Correlation of photoluminescence linewidths with carrier concentration in p-$Ga_{0.52}In_{0.48}P$ 2045
Arent, D.J. *see* Ahrenkiel, R.K. 31814
Arenz, H., Sipos, G., Bickel, P., Christiansen, J., Eberl, E., Hoffmann, D.H. Pulse lengthening of a TE-CO_2-laser for materials processing 13939
Ares, F., Rengarajan, S.R., Rogriguez, J.A., Moreno, E. Optimal compromise among sum and difference patterns through sub-arraying 34416
Ares, F., Rengarajan, S.R., Villanueva, E., Skochinski, E., Moreno, E. Application of genetic algorithms and simulated annealing technique in optimizing the aperture distributions of antenna arrays 34398
Ares, F., Rodriguez, J.A., Moreno, E., Rengarajan, S.R. Optimal compromise among sum and difference patterns 24604
Ares, F., Rodriguez, J.A., Vieiro, A., Moreno, E. Efficient footprint patterns obtained by spreading out collapsed distributions 34373
Ares, F., Vieiro, A., Moreno, E., Rengarajan, S.R. Extension of Orchard's pattern synthesis technique for overdetermined systems 45427
Ares, R., Watkins, S.P., Tran, C.A. Breakdown of self-limiting behaviour in InAs/GaAs heterostructures grown by atomic layer epitaxy 40481
Ares, R.A. *see* Tran, C.A. 41960
Arfelli, F., Barbiellini, G., Bonvicini, V., Bravin, A., Cantatore, G., Castelli, E., Di Michiel, M., Longo, R., Olivo, A., Pani, S., Pontoni, D., Poropat, P., Prest, M., Tomasini, F., Vacchi, A., Tromba, G. A pixel-like matrix for digital mammography 37666
Arfelli, F., Barbiellini, G., Bonvicini, V., Bravin, A., Cantatore, G., Castelli, E., Di Michiel, M., Longo, R., Olivo, A., Pani, S., Pontoni, D., Poropat, P., Prest, M., Rashevsky, A., Tromba, G., Vacchi, A., Zampa, N. An "edge-on" silicon strip detector for X-ray imaging 59555
Arfelli, F., Bonvicini, V., Bravin, A., Burger, P., Cantatore, G., Castelli, E., Di Michiel, M., Longo, R., Olivo, A., Pani, S., Pontoni, D., Poropat, P., Prest, M., Rashevsky, A., Tromba, G., Vacchi, A., Zampa, N. Design and evaluation of AC-coupled, FOXFET-biased, "edge-on" silicon strip detectors for X-ray imaging 49329
Arfelli, F. *see* Johnston, R.E. 37639
Argaw, N. Optimum load matching in photovoltaic water pumps coupled with DC/AC inverter 38663
Argaw, N. Evaluation of solar radiation energy as a first-hand option in the preliminary evaluation of PV pumping systems 50842
Argenti, F., Brogelli, B., Del Re, E. Cosine-modulated non-uniform filter banks 45901
Argenti, F., Cappelletti, L., Del Re, E., Ferro, A. Integration of satellites into GSM: signaling flow analysis 47874
Argenti, F., Del Re, E. Non-uniform filter banks based on a multi-prototype cosine modulation 15304
Argenti, F. *see* Alparone, L. 26979
Argento, C.W., Kromann, G.B. The development of three-dimensional computational-fluid dynamics models of PBGA interconnect technology for moderate air-cooled systems 20923
Argento, C.W. *see* Kromann, G.B. 270
Argirakis, I., Zinoulis, T., Chadband, W.G., Auckland, D.W. A study of the interaction of the negative liquid discharge with a solid insulating sheet 23139
Argirakis, I., Zinoulis, T., Chadband, W.G., Auckland, D.W. The liquid-solid interface: the effect of negative liquid discharge 43446
Argirakis, I. *see* Zinoulis, T. 23250
Argirakis, I. *see* Zinoulis, T. 43549
Argiris, A., Maris, T., Papavasiliou, G., Gouliamos, A., Papavasiliou, C. Radiotherapy effects on vertebral bone marrow: easily recognizable changes in T_2 relaxation times 37626
Argiro, V. *see* Shahidi, R. 18399
Argitis, P. *see* Glezos, N. 32283
Argitis, P. *see* Patsis, G. 42832
Argo, P.E. *see* Fitzgerald, T.J. 56050
Argoitia, A., Hayman, C.C., Angus, J.C., Long Wang, Dyck, J.S., Kash, K. Low pressure synthesis of bulk, polycrystalline gallium nitride 21221
Arguel, P. *see* Chusseau, L. 2021
Arguelles, J., Bracho, S. Signature analysis for fault detection of mixed-signal ICs based on dynamic power-supply current 21823
Arguello, F. *see* Amor, M. 25183
Arguello, F. *see* Boo, I. 57478
Arguello, F. *see* Boo, M. 34551
Argunova, T.S., Grekhov, I.V., Gutkin, M.Yu., Kostina, L.S., Belyakova, E.N., Kudryavtseva, T.V., Kim, E.D., Park, D.M. Dislocations in silicon structures prepared by direct bonding of surfaces with a relief 12792
Argunova, T.S. *see* Grekhov, I.V. 22324
Argunova, T.S. *see* Kim, E.D. 41852
Argyropoulos, Y., Kumar, S.P.R. Capacity improvement in cellular systems through distributed, C/I-based power control 47639
Argyros, A. *see* Sandini, G. 26072
Argyros, A.A., Lourakis, M.I.A., Trahanias, P.E., Orphanoudakis, S.C. Qualitative detection of 3D motion discontinuities 35312
Argyros, I.K. On the convergence of two-step methods generated by point-to-point operators 30661
Argyros, I.K. Concerning the convergence of inexact Newton methods 52535
Ari, V. *see* Jarmo, A. 49806
Arianer, J., Cohen, S., Essabaa, S., Frascaria, R., Zerhouni, O. A flowing afterglow as a polarized electron source 37191
Arias, J.F., Chhabra, A., Misra, V. Efficient interpretation of tabular documents 5640
Arias, J.M. *see* Bajaj, J. 708
Arias, J.M. *see* Benson, J.D. 21287
Arias, J.M. *see* Dhar, N.K. 40418
Arias, J.M. *see* Kozlowski, L.J. 17493
Arias, J.M. *see* Motamedi, M.E. 58848
Arias Mendez, C.Raul *see* Raul Arias Mendez, C.
Arias-Rodriguez, J.E. *see* Roldan, M.C.S.-C. 28878
Ariaudo, M., Reineix, A., Jecko, B. Theoretical predictions concerning a new device for the generation of ultrashort electrical pulses 44246
Arico, A.S., Silvestro, D., Antonucci, P.L., Giordano, N., Antonucci, V. Electrodeposited thin film ZnTe semiconductors for photovoltaic applications 40508
Arico, A.S. *see* Antonucci, V. 29599
Arie, A. *see* Albu, M. 19397
Arie, A. *see* Mahal, V. 4159
Arie, A. *see* Mor, O. 44617
Ariel, V., Garber, V., Bahir, G., Raizman, A., Sher, A. Characterization of multilayer HgCdTe heterostructures by differential absorption spectroscopy 41978
Arietio Bertolin, A.M. *see* Arietio Bertolin, J. 4452
Arietio Bertolin, J., Arietio Bertolin, A.M. Digital signatures 4452
Arif uz Zaman, M., Sanders, T.J., Gsteiger, K.E., Linn, J.H. Low cost and room temperature plasma CVD silicon nitride passivation 844
Ariffin, A.E., Munro, N. Robust control analysis of a gas-turbine aeroengine 38025
Ariffin, K. *see* Suleiman, M.B. 10501
Arii, K. *see* Ihori, H. 27838
Arii, S. *see* Mizumoto, H. 15958
Arikan, E. *see* Abdelati, M. 5960
Arikan, O. A wavelet based recursive reconstruction algorithm for linear measurements 34903
Arikan, O., Kutay, M.A., Ozaktas, H.M., Akdemir, O.K. The discrete fractional Fourier transformation 34932
Arikan, O. *see* Cadalli, N. 4684
Arikan, O. *see* Lee, J.A.C. 26965
Ariki, Y., Ishikawa, N. Integration of face and speaker recognition by subspace method 5618
Ariki, Y., Tagashira, S., Nishijima, M. Speaker recognition and speaker normalization by projection to speaker subspace 14925
Arima, N., Okazaki, H., Nakano, H. A generation mechanism of canards in a piecewise linear system 40860
Arima, S. *see* Yoshida, K. 60808
Arimitsu, C. *see* Sakai, T. 58539
Arimitsu, H., Hiramatsu, Y. Interworking between packet mode bearer service and B-ISDN 26187
Arimondo, E. *see* Allegrini, M. 907
Arimondo, E. *see* Lepers, C. 13926

Arimondo, E. *see* Lepers, C. 23739
Arimoto, H. Precise line-and-space monitoring results by ellipsometry 42809
Arimoto, H. *see* Kamata, T. 22569
Arimoto, H. *see* Miura, N. 2198
Arimoto, H. *see* Yamanaka, K. 12485
Arimoto, K. *see* Oashi, T. 41171
Arimoto, K. *see* Sakashita, N. 1340
Arimoto, K. *see* Tomishima, S. 1419
Arimoto, K. *see* Tsuruda, T. 41139
Arimoto, K. *see* Yasuoka, A. 41187
Arimoto, S. *see* Kawata, K. 34815
Arimoto, Y. *see* Araki, K. 6783
Arimoto, Y. *see* Horie, H. 42712
Arimoto, Y. *see* Kimura, S. 56181
Arimoto, Y. *see* Kishii, S. 2360
Arimoto, Y. *see* Matsumoto, S. 43078
Arimoto, Y. *see* Nakamura, K. 54447
Arimoto, Y. *see* Ogawa, N. 9073
Arimoto, Y. *see* Toyoda, M. 6785
Arimoto, Y. *see* Toyoshima, M. 8498
Arimoto, Y. *see* Wilson, K.E. 6788
Arimura, K., Hagita, N. Feature space design for image recognition with image screening 5379
Arimura, T. *see* Ishii, K. 50194
Arimura, T. *see* Koh, M. 22870
Arimura, T. *see* Matsukawa, T. 21693
Arini, M.El *see* El Arini, M.
Arion, B., Ni, Y., Devos, F. An analog CMOS passive stereoscopic system for automated vehicle guidance 46367
Arion, B. *see* Ni, Y. 46368
Aripirala, R., Syrmos, V.L. Asynchronous LQG control and filtering and its relation to Kalman-Bucy filters 45823
Aris, I.B. *see* Zhang, L. 61133
Arisaka, K., Berthet, M., Borsato, E., Boutigny, D., Buzykaev, A., DalCorso, F., De Bonis, I., Dubois, J.M., Favier, J., Ferroni, F., Foucher, M., Ganzhur, S., Iacovella, F., Jawahery, H., Karyotakis, Y., Kolachev, G., Kravchenko, E., Lafaye, R., Mazzoni, M.A., Mikerov, V., Morandin, M., Morganti, S., Onuchin, A., Oyang, J., Petitpas, P., Piredda, G., Posocco, M., Santacesaria, R., Shamov, A., Stroili, R., Tayursky, V., Telnov, V., Torassa, E., Voci, C. Performance of a prototype aerogel counter readout by fine mesh photo-tubes 37460
Arisaka, K., Borsato, E., Boutigny, D., Buzykaev, A., Dal Corso, F., De Bonis, I., Favier, J., Ferroni, F., Foucher, M., Ganzhur, S., Iacovella, F., Jawahery, H., Karyotakis, Y., Kolachev, G., Kravchenko, E., Lafaye, R., Mazzoni, M.A., Mikerov, V., Morandin, M., Morganti, S., Onuchin, A., Oyang, J., Piredda, G., Posocco, M., Santacesaria, R., Shamov, A., Stroili, R., Tayursky, V., Telnov, V., Torassa, E., Voci, C. Recent results on prototype aerogel threshold counters for particle identification in the region 0.5-4.3 GeV/c 37239
Arisaka, S., Isojima, S., Ohkubo, H., Suzuki, T., Nagao, E. A study on the inductive coupling system 61291
Arisawa, M. *see* Dae-Sik Kim 55508
Aristone, F. *see* Seidel, W. 42075
Aristov, P.A., Belousov, G.V., Evsyutkin, V.S., Khlyst, V.A., Kipnis, A.M. Fluidic-oscillator flowmeter-gradiometer RPS 17276
Aristov, V. *see* Hirose, Y. 22440
Aristov, V.I., Mitrokhin, M.V., Sevostyanov, V.P. Nonstationary cumulative damage model for lifetime analysis of liquid-crystal displays 33141
Aristov, V.I., Mitrokhin, M.V., Sevostyanov, V.P. Markov chain model of cumulative damage for LCD applications 33142
Aristov, V.Yu., Grehk, M., Zhilin, V.M., Taleb-Ibrahimi, A., Indlekofer, G., Hurych, Z., Le Lay, G., Soukiassian, P. Sb or Cs covered InAs(110) surfaces: moving E_F into conduction band and quantized 2D electron channel 2238
Aristov, V.Yu. *see* Gusev, A.O. 42264
Aristov, Y.I. *see* Prokopiev, S.I. 60555
Aristov, Yu.I. *see* Levitskij, R.A. 38946
Arisumi, O. *see* Nishiyama, A. 13002
Arisumi, O. *see* Yoshimi, M. 32410
Arisumi, O. *see* Yoshimi, M. 42986
Arita, I. *see* Takayama, J. 26797
Arita, K., Akamatsu, M., Asaro, T. Reduction of charge build-up during reactive ion etching by using silicon-on-insulator structures 54302
Arita, K., Asano, T. Gas species dependent charge build-up in reactive ion etching 32178
Arita, K., Yamada, S., Suzuki, F. Multimedia office system "MUSCAT" 16395
Arita, K. *see* Fukushima, T. 1475
Arita, K. *see* Shimada, Y. 2984
Arita, T., Koyama, M., Shishibori, M., Aoe, J.-I. Improvement of a row displacement algorithm for sparse table compression 21012
Arita, T. *see* Nishio, T. 39108
Arita, Y., Kuranari, K. Characteristics of the electric capacitance and dielectric loss of the thermal oxide of porous silicon formed using highly phosphorus diffused silicon 54406
Arita, Y., Kuranari, K. Dislocation-free oxidation of porous silicon formed using highly phosphorus-diffused silicon and its application 54407
Arita, Y. *see* Kitamura, T. 33388
Arita, Y. *see* Kosugi, T. 42584
Arita, Y. *see* Kosugi, T. 42675
Arita, Y. *see* Kozaru, K. 53297
Arita, Y. *see* Ohno, K. 42618
Arita, Y. *see* Saito, K. 10879
Aritome, S., Takeuchi, Y., Sato, S., Watanabe, I., Shimizu, K., Hemink, G., Shirota, R. A side-wall transfer-transistor cell (SWATT cell) for highly reliable multi-level NAND EEPROMs 11453
Aritome, S. *see* Shuto, S. 1365
Aritome, S. *see* Tanzawa, T. 1394
Aritome, S. *see* Watanabe, H. 41174
Aritomi, M., Shirong Zhou, Nakajima, I., Takeda, Y., Mori, M., Yoshioka, Y. Measurement system of bubbly flow using ultrasonic velocity profile monitor and video data processing unit 36973
Aritomi, M. *see* Horiuchi, N. 39185
Ariyavisitakul, S., Greenstein, L.J. Reduced-complexity equalization techniques for broadband wireless channels 26463
Ariyavisitakul, S., Greenstein, L.J. Reduced-complexity equalization techniques for broadband wireless channels 47531
Ariyoshi, H. *see* Onoye, T. 1479
Ariyoshi, H. *see* Takigawa, K. 60264
Ariza, M. *see* Adam, A. 37280
Arizmendi, L., Mendez, A., Alvarez-Bravo, J.V. Stability of fixed holograms in $LiNbO_3$ 33749
Arizumi, M. *see* Yamada, Y. 26374
Arjas, E., Mannila, H., Salmenkivi, M., Suramo, R., Toivonen, H. BASS: Bayesian Analyzer of event SequenceS 417
Arjona, D., Lay, R.K., Harrington, R.J. A hybrid artificial neural network/genetic algorithm approach to on-line switching operations for the optimization of electrical power systems 19231
Arjyal, B., Galiotis, C. Application of a laser Raman sensor for stress monitoring in composites 17420
Arkadan, A.-R.A., Heiden, M.J.J.V., Brauer, J.R. The coupled problem in electromagnetic AC contactors 51387
Arkadan, A.-R.A. *see* Belfore, L.A., II 50950
Arkadan, A.A., Shehadeh, H.H., Brown, R.H., Demerdash, N.A.O. Effects of chopping on core losses and inductance profiles of SRM drives 51678
Arkadiev, V., Bzhaumikhov, A., Erko, A., Schaefers, F., Chevallier, P., Populus, P. Synchrotron radiation beam splitting and filtering by a polycapillary array 37578
Arkhipov, P. *see* Krouglov, S.V. 8518
Arkhipov, V.I. *see* Adriaenssens, G.J. 54872
Arkhirejev, V.O. *see* Alexandrov, I.V. 24091
Arkles, B. *see* Faltermeier, C. 52766
Arklove, M.C., Wheeler, J.C.G. Salt-fog testing of composite insulators 43567
Arkov, V.Y. *see* Kulikov, G.G. 49868
Arkov, V.Y. *see* Patel, V.C. 8275
Arkusha, Yu.V., Prokhorov, E.D., Sanin, S.I. Gunn diodes with different cathode contacts oscillation on harmonic frequencies 11691
Arkwright, J., Atkins, G., Canning, J., Pak Chu, Janos, M., Sceats, M., Bin Wu Resonantly enhanced nonlinearities in rare earth doped fibres and waveguides 24085
Arkwright, J.W., Elango, P., Whitbread, T., Atkins, G.R. Large off-resonance nonlinear index changes at 1310 nm and 1545 nm observed in ytterbium doped fibre 24087
Arkwright, J.W. *see* Elango, P. 26451
Arlandis, J., Laubenheimer, M. NII, EII...FII, the French flavour for electronic highways 26090
Arlantsev, S.V., Borovich, B.L., Buchanov, V.V., Yurchenko, N.I. Numerical simulation, comparison with experiments, and potentialities of Mn vapour lasers pumped by a kilovolt electron beam 13953
Arlery, M. *see* Rouviere, J.-L. 12286
Arlinghaus, H.F. *see* Sen, S. 1995
Arlitt, M.F. Exploring Web server performance 6106
Arlitt, M.F., Williamson, C.L. A synthetic workload model for Internet mosaic traffic 47153
Arlitt, M.F., Ying Chen, Gurski, R.J., Williamson, C.L. Traffic modeling in the ATM-TN TeleSim project: design, implementation, and performance evaluation 47152
Arlt, R., Rundquist, D.E. Room temperature semiconductor detectors for safeguards measurements 37350
Arlt, R. *see* Khusainov, A. 37337
Arm, V.Kh., Okulov, V.L., Pylev, I.M. Instability of pressure systems of hydropower units 50810
Armagan, D.S. *see* Vertiy, A.A. 53556
Armaganidis, A. *see* Maglaveras, N. 49837
Arman, M. *see* Hendricks, K. 11231
Arman, M.J. Phase-locked radial klystron oscillators 12093
Armand, J.S. *see* Di Monaco, O. 21885
Armand, M. *see* Papageorgiou, N. 20032
Armand, P., Polidori, L. SAMOTHRACE: a SAR raw signal simulator for radar terrain clutter 27028
Armand, S. *see* Cuevas, A. 41816
Armande, N., Montesinos, P., Monga, O. A 3D thin nets extraction method for medical imaging 8015
Armantrout, J.D. *see* Hafen, D.P. 18672
Armbruster, D. *see* Shen Wang 50323
Armbruster, K. Top model–further development of the PA-RISC technology [microprocessors] 41247
Armelles, G. *see* Ferrer, J.C. 10752
Armendariz, M. *see* Vawter, G.A. 33130
Armendariz, M.G. *see* Fritz, I.J. 33122
Armengaud, L., Lalande, M., Breuil, N., Jecko, B., Ghis, A., Cuzin, M., Nail, M., Gilbert, P. Optoelectronic sampler: modelling and characterization 48529
Armengaud, L. *see* Ghis, A. 53081
Armengaud, L. *see* Nail, M. 33259
Armengol, J., Vega, F., Lupon, N., Laguarta, F. Two-faceted mirror for active integration of coherent high-power laser beams 30193
Armengol, J. *see* Laguarta, F. 3323
Armengol, J. *see* Laguarta, F. 13942
Armenta-Deu, C., Donaire, T. Determination of an ageing factor for lead/acid batteries. I. Kinetic aspects 9516
Armes, D. *see* Okai, M. 23947
Armiento, C.A. *see* Negri, A.J. 47925
Armijo, V. *see* Fields, D.E. 59301
Armijo, V. *see* Lee, D.M. 59268
Armijo, V. *see* Morris, C.L. 946
Armitage, A. Gas analysis in processes 59077
Armitage, G.J. IP multicasting over ATM networks 57619
Armitano, R.M., Florencio, D.A.F., Schafer, R.W. The motion transform: a new motion compensation technique 25426
Armitano, R.M. *see* Florencio, D.A.F. 57279
Armour, B. *see* Hughes, W. 16948
Armour, D.G. *see* Sikola, T. 12734
Armour, E. *see* Thompson, A.G. 40329
Armstrong *see* Gallagher, D. 12102
Armstrong, A. *see* Thompson, W. 18080
Armstrong, B.M. *see* Goh, W.L. 54743
Armstrong, B.M. *see* Quinn, L.J. 10917
Armstrong, C.G., Donaghy, R.J., Bridgett, S.J. Derivation of appropriate idealisations in finite element modelling 10564
Armstrong, C.G. *see* Sheehy, D.J. 30665
Armstrong, C.M. *see* Bettenhausen, M.H. 12112
Armstrong, D.J., Alford, W.J., Raymond, T.D., Smith, A.V. Nanosecond, pulsed, frequency-modulated optical parametric oscillator 24126
Armstrong, D.J., Alford, W.J., Raymond, T.D., Smith, A.V., Bowers, M.S. Parametric amplification and oscillation with walkoff-compensating crystals 44679
Armstrong, D.J., Smith, A.V. Demonstration of a frequency-modulated, pulsed optical parametric oscillator 44659
Armstrong, D.S. *see* Moftah, B.A. 59349
Armstrong, D.T., Smith, A.V. Tendency of nanosecond optical parametric oscillators to produce purely phase-modulated light 4024
Armstrong, E.E. *see* Richmond, R. 8673
Armstrong, E.P. *see* Wolk, M. 8678
Armstrong, G.R. Submarine periscope thermal imaging: its evolution in the UK 36686
Armstrong, J. *see* Christopher, D.A. 28185
Armstrong, J. *see* Christopher, D.A. 28225
Armstrong, J. *see* Maleki, L. 48309
Armstrong, J.R., Frank, G., Gray, E.G. Efficient approaches to testing VHDL DSP models 31057
Armstrong, R.W. *see* Wilson, S.W. 54428
Armstrong, S. Electronic mail order for distance learning 39606
Armstrong, T. Surge protection for mobile communications 26607
Armstrong, T.J. *see* Martin, B.J. 49584
Armstrong, T.R., Fitzgerald, M.P. The MSL measurement of Newton's gravitational constant 17189
Armstrong, T.R., Stevenson, J.W. Solid oxide fuel cells: materials and technology 20017
Armstrong, W.D. Magnetization and magnetostriction processes in $Tb_{(0.27-0.30)}Dy_{(0.73-0.70)}Fe_{(1.9-2.0)}$ 43619
Armstrong, W.R. Pro-active power monitoring 19429
Armyanov, S., Vitkova, S., Blajiev, O. Internal stress and magnetic properties of electrodeposited amorphous Fe-P alloys 43641
Arnau, S.C., Ferrando, A.T., Lladro, R.C. The interconnection and control of instruments: HP-VEE 7166
Arnaud D'Avitaya, F. *see* Bassani, F. 12392
Arnaudov, R. *see* Philippov, P. 22114
Arnaut, L.R. Interaction between bianisotropic particles 33974
Arnautu, V., Morosanu, C. Numerical approximation for the phase-field transition system 21168
Arnavut, Z. Application of inversions to lossless image compression 35258
Arnavut, Z., Narumalani, S. Application of permutations to lossless compression of multispectral thematic mapper images 25308
Arnborg, S., Andersson, G., Hill, D.J., Hiskens, L.A. On undervoltage load shedding in power systems 38250
Arndt, C., Loffeld, O. Information gained by data-fusion 34987
Arndt, C., Loffeld, O. Information gained by pseudoredundant measurements 34988
Arndt, F. *see* Matras, P. 45331
Arndt, F. *see* Reiter, J.M. 34338
Arndt, F. *see* Rieter, J.M. 45400
Arndt, J. *see* Schuppen, A. 26555
Arndt, K. *see* Shipsey, I. 59232
Arndt, K. *see* Spencer, M.B. 59274
Arndt, S., Bergeron, R., Dery, J., Knadle, K., Wilson, H. Flip chip for flex applications 20902

Arnell, S. *see* Imrell, T. 11026
Arnett, D. *see* Alley, R. 37033
Arnett, D. *see* Ross, M.C. 37150
Arney, S.C. *see* Frigo, N.J. 16762
Arney, S.C. *see* Walker, J.A. 44067
Arnim, A.von *see* von Arnim, A.
Arnn, D.A., Parkerson, J.P., Schaper, L.W., Ang, S.S. A low cost multichip module using flex substrate and ball grid array 1866
Arnold, D. *see* Sima, O. 18103
Arnold, D.G. *see* Nandhakumar, N. 25631
Arnold, D.H. Process feedback system [PCB manufacture] 20977
Arnold, D.H., Guo, Y. Contract manufacturing and cellular manufacturing 22050
Arnold, D.V. *see* Long, D.G. 8479
Arnold, D.V. *see* Long, D.G. 19002
Arnold, D.V. *see* Reed, R. 8504
Arnold, D.V. *see* Thompson, D.G. 8342
Arnold, D.V. *see* Warnick, K.F. 20722
Arnold, D.V. *see* Warnick, K.F. 30047
Arnold, D.V. *see* Warnick, K.F. 33794
Arnold, E. Double-charge-sheet model for thin silicon-on-insulator films 12560
Arnold, E., Letavic, T., Bhimnathwala, H. High-temperature off-state characteristics of thin-SOI power devices 12933
Arnold, G. *see* Hovater, C. 37107
Arnold, G.W. *see* Gonella, F. 3954
Arnold, H., Yadigaroglu, G., Stoop, P.M., Gonzales, A., Rao, A. ESBWR–an economical passive plant design 9078
Arnold, H.W. *see* Hsing, T.R. 5921
Arnold, H.W. *see* Shaw-Min Lei 6560
Arnold, I. *see* Marsh, D. 35757
Arnold, J. *see* Pocek, L. *(editor)* 20312
Arnold, J.F. *see* Jian Zhang 26087
Arnold, J.F. *see* Pickering, M.R. 5528
Arnold, J.G. *see* Arai, Y. 37267
Arnold, J.G. *see* Arai, Y. 37268
Arnold, J.M. *see* Avrutin, E.A. 14100
Arnold, J.M. *see* Avrutin, E.A. 23893
Arnold, M., Epple, U., Polke, M. Company-wide access to process information via the "Internet for process control" 35710
Arnold, M.J. *see* Zoubir, A.M. 4848
Arnold, N. *see* Grelick, A.E. 49210
Arnold, N. *see* Kargl, P.B. 40583
Arnold, N. *see* Luk'yanchuk, B. 947
Arnold, N. *see* White, M. 37030
Arnold, R., Prevedel, D. Using topological die mapping with electrical fault detection to improve process yield in known good die MCMs 1880
Arnold, W., Hellendoorn, H., Seising, R., Thomas, C., Weitzel, A. Fuzzy routing 16131
Arnold, W., Karabutov, A.A., Kubyshkin, A.P., Panchenko, V.Ya. Remote control by laser excitation and IR detection of surface acoustic waves 11009
Arnold, W.A., Matthiesen, D., Bennett, R.J., Jayne, D.T. An innovative method for preparing semiconductor charges used in crystal growth and shear cell diffusion experiments 41945
Arnold, W.H. *see* Wilder, K. 22980
Arnold, W.M., Harris, P., Partridge, C.A., Andrews, M.K. Non-linear conduction and dispersion in conducting polymers 48732
Arnold, Z., Ibarra, M.R., Morellon, L., Algarabel, P.A., Kamarad, J. The effect of pressure on the magnetic phase transitions in $Nd_2(FeTi)_{17}$ and $Nd(FeTi)_{12}$ compounds 3128
Arnold, Z. *see* Morellon, L. 3048
Arnoldus, H.F. *see* Lozovsky, V.Z. 44645
Arnon, I. *see* Hughes, W. 16948
Arnon, S., Kopeika, N.S. Free space satellite optical communication: Adaptive information bandwidth to maintain constant bit error rate during periods of high satellite vibration amplitudes 6804
Arnon, S., Kopeika, N.S. Adaptive optical transmitter and receiver for space communication through thin clouds 58291
Arnon, S., Rotman, S., Kopeika, N.S. Optimum transmitter optics aperture for free space satellite optical communication as a function of tracking system performance 47955
Arnon, S., Rotman, S., Kopeika, N.S. Beamwidth and transmitter power adaptive to tracking system performance for free space optical communication 58292
Arnone, C. *see* Lullo, G. 42865
Arnone, D.D. *see* Paula, D.J. 2139
Arnone, G.J. A new pulse arrival-time recording system 59311
Arnott, D.R. *see* Kindermann, M.R. 52877
Arnott, J.L. *see* Murray, I.R. 24825
Arnoul, P., Viala, M., Guerin, J., Mergy, M. Using a Kalman tracker to localise objects from a video sequence. Application to highways inventory of traffic signs from a moving collection van 46521
Arnould, J. *see* Gay, N. 54323
Arnoux, T. *see* Launay, J.C. 41948
Arntsen, O., Koren, H., Strom, T. Hearing-aid preselection through a neural network 28435
Arntz, H.R. *see* Kristiansen, G. 49436
Arnush, D. *see* Hauss, B.I. 28707
Aro, M. *see* Garnacho, F. 50672
Aroca, C. *see* Alcala, E.M. 7276
Aroca, C. *see* Alcala, E.M. 43625
Aroca, C. *see* Favieres, C. 3193
Aroca, C. *see* Prieto, J.L. 7536
Aroca, C. *see* Rodriguez, M. 3070
Arodzero, A. *see* Abe, K. 59233
Arof, H., Deravi, F. One dimensional Fourier transform coefficients for rotation invariant texture classification 35154
Arogyaswamy, K., Yasai-Ardekani, M. Organizational turnaround: understanding the role of cutbacks, efficiency improvements, and investment in technology 20756
Arokiaraj, J. *see* Arulkumaran, S. 2303
Arokiaraj, J. *see* Arulkumaran, S. 42932
Arokiaswamy, N.S.S. *see* Bellarmine, G.T. 28761
Aronoff, A.D. Techniques for real-time compression of RS-170 high resolution radar images 58416
Arons, E. *see* Wagner, R. 3803
Aronsheim-Grotsch, J. Customer network management-CNM 35618
Aronson, D.G., Huang, Y.S. Single waveform solutions for linear arrays of Josephson junctions 32933
Aronson, D.G. *see* Huang, Y.S. 23417
Aronson, R. *see* Jenghwa Chang 28216
Aronstein, J. AC and DC electromigration in aluminum 11802
Aronzon, B.A. *see* Guillon, F. 42092
Arora, M.K. *see* Foody, G.M. 57072
Arora, N., Kumar, D. Availability analysis of steam and power generation systems in the thermal power plant 50784
Arora, N., Kumar, D. Stochastic analysis and maintenance planning of the ash handling system in the thermal power plant 50806
Arora, N. *see* Cheng-Liang Huang 13147
Arora, N. *see* Wigderowitz, C.A. 28256
Arora, S., Fagin, R. On winning strategies in Ehrenfeucht-Fraïssé games 39998
Arora, S., Karger, D., Karpinski, M. Polynomial time approximation schemes for dense instances of $\mathcal{NP}$-hard problems 30567
Arora, V.K., Dawar, A.L. Laser-induced damage studies in silicon and silicon-based photodetectors 27581
Aroutiounian, V.M., Adamian, Z.N., Panossian, M.S., Barseghyan, A.A. Smoke-detector signal micrologic processing circuit 27728
Aroutiounian, V.M., Markarian, N.L., Nerkararyan, Kh.V. A new principle for creating an optochemical sensor on the basis of a waveguide with moving borders 27967
Aroutiounian, V.M. *see* Adamian, Z.N. 27488
Arpaia, P., Cennamo, F., Daponte, P. An algorithmic model for correcting scan converter distortion 17480
Arpaia, P., Cennamo, F., Daponte, P., Savastano, M. A distributed laboratory based on object-oriented measurement systems 58646
Arpatzanis, N. *see* Papastamatiou, M. 32445
Arps, R.B. *see* Weinberger, M.J. 5332
Arqueros, F. *see* Krawczynski, H. 37287
Arques, F.-X. Survivable ATM networks in the navy: application to a naval communication backbone and to a sonar 50259
Arques, P.Y. *see* Costa, S. 46514
Arques, P.Y. *see* Gonget, N. 58428
Arrand, H., Benson, T.M., Anada, T., Krueger, M., Berger, M.G., Aren-Fischer, R., Munder, H.G., Luth, H., Loni, A., Bozeat, R.J. Optical waveguides and components based on porous silicon 33092
Arrando, F. *see* Peiro, D. 48930
Arrasmith, W.W. Imaging physics at the Air Force Office of Scientific Research 15936
Arrathoon, R. *see* Michael, N. 55342
Arrebola, F. *see* Camacho, P. 56781
Arregui, A., Dunlop, J. Shaping the interference distribution in a TDMA radio interface 35964
Arreguit, X., Debergh, P. Photonic microsystems based on artificial retinas 27647
Arreguit, X., Van Schaik, F.A., Bauduin, F.V., Bidiville, M., Raeber, E. A CMOS motion detector system for pointing devices 17538
Arreguit, X. *see* Ruedi, P.-F. 53467
Arreguit, X. *see* Venier, P. 21852
Arri, E. Performing measurements through correct metrological procedures 58600
Arri, E., Boella, G., Negro, A., Pavese, F., Senepa, L., Vanolo, M. Investigations on a prototype of high temperature superconductor cryogenic current comparator with a toroidal shield 27428
Arrigan, D.W.M. *see* Desmond, D. 27460
Arrighi, C., Clemens, J.-C., Delpierre, P., Grigoriev, E., Habrard, M.-C., Hallewell, G., Mouthuy, T., Sauvage, D. Possible limitations on the operating voltage of silicon detectors in the inner tracker 7816
Arrigo, G. *see* Fiorini, R.A. 49713
Arrillaga, J., Enright, W., Watson, N.R., Wood, A.R. Improved simulation of HVDC converter transformers in electromagnetic transient programs 60357
Arrillaga, J., Gonzalez, J., Cidras, J. Iterative harmonic simulation of a thyristor controlled reactor and a power transmission system 50502
Arrillaga, J. *see* Brough, R.D. 50464
Arrillaga, J. *see* Enright, W. 8862
Arrillaga, J. *see* Wood, A.R. 50519
Arrizon, V. *see* Lohmann, A.W. 4106
Arrouy, F. *see* Despont, M. 23031
Arrowsmith, P. *see* Zwolinski, M. 22032
Arrowsmith, P. *see* Zwolinski, M. 41634
Arroyo, B. *see* Dasilva, J.S. 6585
Arroyo, B. *see* Ikonomou, D. 26657
Arroyo y de Dompabio, M.E., Garcia-Alvarado, F., Moran, E. $Bi_4V_2O_{11}$ and related compounds as positive electrode materials for lithium rechargeable batteries 51459
Arroyo-Fernandes, B. *see* Schwartz da Silva, J. 47812
Arruda, J.R.F., Mas, P. Predicting and measuring flexural power flow in plates 59035
Arruda, S.R. *see* Bastos, J.P. 51020
Arruda-Neto, J.D.T. *see* Deppman, A. 37528
Arscott, S., Awang, Z., Tu, Y.L., Milne, S.J., Miles, R.E. PZT bulk acoustic wave resonators for MMIC technology 41506
Arsenault, H.H., Chang, S., Gagne, P., Gualdron, O. Recent progress in invariant pattern recognition 25653
Arsenault, H.H. *see* Delage, O. 35328
Arsenault, H.H. *see* Gualdron, O. 3548
Arseneau, R., Filipski, P., Zelle, J. An improved three phase digital recorder system for calibrating power instrumentation 27306
Arseneau, R., Heydt, G.T., Kempker, M.J. Application of IEEE standard 519-1992 harmonic limits for revenue billing meters 38440
Arsenijevic, N. *see* Rajakovic, N. 60365
Arsenis, S., Simoni, N., Virieux, P. DDTK project: analysis, design and implementation of an ODP application 6167
Arsent'eva, N.B. *see* Ul'yanov, A.I. 52909
Arshak, A. *see* Arshak, K.I. 54539
Arshak, K.I., Ansari, F., McDonagh, D., Collins, D. Development of a novel thick-film strain gauge sensor system 36463
Arshak, K.I., Collins, D.G., McDonagh, D., Ansari, F. Effect of composition on the electrical properties of electroformed screen-printed thick film sandwich devices 11749
Arshak, K.I., McDonagh, D., Arshak, A., Mathur, B.P. Modelling of resolution enhancement processes in lithography 54539
Arsham, A.M. *see* Belani, E. 53317
Arsham, H. Goal-seeking problem in discrete event systems simulation 21000
Arsham, H. An artificial-free simplex-type algorithm for general LP models 40106
Arsic, N., Osmokrovic, P. The influence of the gas insulation parameters on the three-electrode spark gap functioning 28941
Arsintescu, G.B. *see* Spanoche, S.-A. 43332
Arslan, L.M., Hansen, J.H.L. Improved HMM training and scoring strategies with application to accent classification 15063
Arslan, L.M., Hansen, J.H.L. Speech enhancement for crosstalk interference 45684
Arslan, T., Erdogan, A.T., Horrocks, D.H. Low power design for DSP: methodologies and techniques 1470
Arslan, T., Eskikurt, H.I., Horrocks, D.H. The development of FPGA architectures for primitive operator digital filter implementations 31384
Arslan, T., Horrocks, D.H., Ozdemir, E. Structural cell-based VLSI circuit design using a genetic algorithm 1216
Arslanbekov, R. *see* Peysson, Y. 37348
Arsov, G.L. *see* Karadzinov, L.V. 2603
Artacho, J.M. *see* Fornies-Marquina, J.M. 45069
Artacho, J.M. *see* Garcia-Gracia, M. 44879
Artaki, I. *see* Ray, U. 22060
Artaki, I. *see* Vianco, P. 1779
Artal, E. *see* Herrera, A. 58240
Artal, E. *see* Pascual, J.P. 53657
Artal, E. *see* Portilla, J. 58108
Artalejo, J.R. Stationary analysis of the characteristics of the M/M/2 queue with constant repeated attempts 10258
Artalejo, J.R. Analysis of an M/G/1 queue with constant repeated attempts and server vacations 52408
Artalejo, J.R., Falin, G.I. On the orbit characteristics of the M/G/1 retrial queue 21028
Artana, G., Romat, H., Touchard, G., Dikarev, B. Conduction phenomena of diesel oil 23230
Artana, G., Touchard, G. Electrical conduction phenomena through impregnated pressboard submitted to a thermal gradient 43576
Artana, G. *see* Moreau, O. 29372
Artana, G. *see* Moreau, O. 38789
Arte, P. *see* Youbin Peng 52358
Artemenko, S.N. Efficiency of transfer of microwave energy to a load with resonant compression of RF pulses 4324
Artemov, V.S. *see* Lazarev, N.V. 49036
Artemyev, M.V. *see* Malyarevich, A.M. 14386
Artemyev, M.V. *see* Yumashev, K.V. 33612
Artes-Rodriguez, A. *see* Figuerias-Vidal, A.R. 49410
Artes-Rodriguez, A. *see* Santamaria-Caballero, I. 4855
Artes-Rodriguez, A. *see* Santamaria-Caballero, I. 15390
Arthur, B.J. A silicon model of the auditory neural perception of frequency modulated tones 4621
Arthur, G., Eilbeck, N., Martin, B. Effect of temperature variations in the post-exposure processes of optical lithography 42827
Arthur, G., Martin, B. A novel method of optical proximity correction using anti-reflective layers and individual photoresist characteristics 42837

Arthur, G. *see* Martin, B. 42838
Arthur, G. *see* Martin, B. 42840
Arthur, G. *see* Smith, B.W. 42841
Arthur, J.H., Beard, J.T., Bolton, C. Simplified analytical modeling of an air conditioner with a positive displacement compressor 29887
Arthur, J.H., Beard, T.J., Bolton, C. Air conditioner thermal performance simulation model using NIST refrigerant database 29888
Arthur, J.H. *see* Kalen, J.D. 49416
Arthur, P.C., Thomas, E.C., Cannon, P.S., Warrington, E.M., Davies, N.C., Thornhill, J. A GPS locked oblique ionosonde system using IRIS 38052
Arthurs, A. Developments in high performance tape storage 23371
Arthurs, C.P., Baker, I.M., Crimes, G.J., Bains, S., Murray, D.C. CMOS/CdHgTe hybrid technology for long linear arrays with time delay and integration and element deselection 36657
Artigaud, S. *see* Chbat, M.W. 36170
Artigaud, S. *see* Cortes, P.-Y. 14158
Artigaud, S. *see* Ducellier, T. 47962
Artigaud, S. *see* Jourdan, A. 26441
Artiges, D. Analysis of the ARB (adaptive rate based) congestion avoidance algorithm 46682
Artiges, D., Traore, K. TMN based accounting management architecture 46920
Artiglia, M., Ciaramella, E., Sordo, B. Measurement of the optical Kerr coefficient in fibres by means of modulation instability 13594
Artiglia, M. *see* Vespasiano, G. 3721
Artigliere, F. *see* Wohlgemuth, J.H. 39157
Artigue, C. Trends in silica-based optoelectronics hybrid integration 33319
Artmann, H. *see* Gauggel, H.-P. 23903
Artru, X., Baier, V.N., Baier, T.V., Chehab, R., Chevallier, M., Hourani, E., Jejcic, A., Katkov, V., Kirsch, R., Maier, K., Major, J., Maillard, J., Poizat, J.-C., Remillieux, J., Renou, G., Silva, J., Strakhovenko, V. Axial channeling of relativistic electrons in crystals as a source for positron production 49308
Arts, H., Berkelaar, M., Van Eijk, C.A.J. Polarized observability don't cares 11365
Arts, T. *see* Muijtjens, A.M.M. 18320
Arturi, C.M. A thermodynamic approach to electromechanical energy conversion. The two-phase asynchronous machine 29310
Arturi, C.M. A thermodynamic approach to electromechanics. V. Isotropic and rotating mutual inductor with three electrical sources. The two-phase synchronous machine 38709
Arturo Leis, A., Hanna Goerres, M.D., Corbett, J.J. The visual evoked potential--how important is pupil size? 37804
Artus, L., Stradling, R.A., Li, Y.B., Webb, S.J., Yuen, W.T., Chung, S.J., Cusco, R. Raman scattering from optical phonons in $InAs_{1-x}Sb_x$/InAs strained-layer superlattices 22413
Artus, R.G.C. A 'virtual waferscale' multichip module system 31665
Artz, H. *see* von Staa, F. 3103
Artz, H. *see* von Staa, F. 3104
Aru Yan *see* Yan Aru
Arueti, S. *see* Talmor, M. 52351
Aruga, R., Hattori, N., Kotani, H., Fukumoto, T., Yamada, K., Yamane, I. Single chip microcomputer with flash EEPROM 41251
Aruga, T. *see* Araki, K. 26865
Aruga, T. *see* Ghafouri-Shiraz, H. 55365
Aruga, T. *see* Mizoguchi, H. 2474
Aruga, T. *see* Toyoda, M. 6785
Aruga, T. *see* Toyoshima, M. 8498
Arui Qiu *see* Qiu Arui
Arulambalam, A., Xiaoqiang Chen, Ansari, N. Allocating fair rates for available bit rate service in ATM networks 5762
Arulanantham, M. *see* Kaushika, N.D. 39044
Arulkumaran, S., Arokiaraj, J., Dharmarasu, N., Kumar, J. On the enhancement of effective barrier height in Ti/n-GaAs Schottky barrier diodes 42932
Arulkumaran, S., Arokiaraj, J., Udhayasankar, M., Kumar, J., Kanjilal, D. Electrical characteristics of 100 MeV ^{28}Si implanted LEC grown GaAs⟨100⟩ 2303
Arulkumaran, S. *see* Rudolph, P. 52595
Arumugam, S. *see* Croce, F. 29561
Arunachalam, M. *see* Satyanarayana, S. 60358
Arunkumar, U. *see* Salinas, J. 5844
Arunmozhi, G. *see* Ravi, G. 13248
Aruru, S.B., Ranganathan, N., Namuduri, K.R. A VLSI chip for image compression using variable block size segmentation 2815
Aruru, S.B., Ranganathan, N., Namuduri, K.R. A VLSI system architecture for lossless image compression 11466
Arus, C. *see* Gray, H.F. 59482
Arushanov, E.K. *see* Lisunov, K.G. 31896
Arutyunov, P.A. *see* Tolstikhina, A.L. 32478
Arutyunov, V.A., Ivanov, V.G., Kassirov, S.A., Panasenkov, V.I., Prokof'ev, A.E. The Elektron TsNII thermal-vision camera based on IR-CCD arrays with Schottky barriers and its possibilities for recording fast-moving small objects 58829
Arutyunyan, V.M., Dimaksyan, M.L. $CuInSe_2$-based solar cells 51567
Arvas, E. *see* Mendes, L.S. 45053
Arvidson, R.E. *see* Izenberg, N.R. 28609
Arvidson, T. *see* Andary, J. 8387
Arvidsson, A., Holender, W., Karlsson, T. Reduction of routing complexity in telecommunication networks by a novel multilayer decomposition method 25983
Arvidsson, K., Pettersson, S., Angelin, L. Congestion control in intelligent networks for real time performance and profit optimisation 35788
Arvidsson, R. *see* Eklund, J.-E. 11541
Arvieux, J. *see* Sato, H. 59166
Arwin, H. *see* Barta, P. 55449
Arx, M.von *see* von Arx, M.
Arya, L.D., Choube, S.C., Kothari, D.P. Emission constrained secure economic dispatch 50427
Arya, M., Cody, W., Faloutsos, C., Richardson, J., Toga, A. A 3D medical image database management system 15430
Arya, R. *see* Chen, L. 39150
Arya, R. *see* Kessler, J. 39068
Arya, R. *see* Kessler, J. 39094
Arya, R.R. *see* Carlson, D.E. 39124
Arya, V., de Vries, M.J., Athreya, R., Wang, A., Claus, R.O. Analysis of the effect of imperfect fiber endfaces on the performance of extrinsic Fabry-Perot interferometric optical fiber sensors 48597
Arya, V., Jacobs, I. Optical preamplifier receiver for spectrum-sliced WDM 58268
Arya, V. *see* Rahnavardy, K. 36630
Arya, V. *see* Rahnavardy, K. 58813
Aryal, S., Meditch, J.S. Design of a large ATM switch with trunk grouping 46642
Arytyunov, P.A., Afanas'ev, K.S., Boichuk, A.M., Krasivskii, I.N. Algorithms for passing from the signal graphs to various forms of realization of the transfer functions of digital filters 11574
Arzamasov, V.L. *see* Charonov, V.Ya. 20279
Arzate, N. *see* Starodumov, A.N. 55518
Arzbaecher, R. *see* Milisavjevic, M. 37770
Arzbaecher, R. *see* Murray, A. *(editor)* 29953
Arzt, E., Kraft, O., Spolenak, R., Joo, Y.-C. Physical metallurgy of electromigration: failure mechanisms in miniaturized conductor lines 32238
Arzt, E. *see* Joo, Y.-C. 42775
Arzt, E. *see* Kondoh, E. 42631
Arzt, E. *see* Kraft, O. 42769
As, D.J., Schikora, D., Greiner, A., Lubbers, M., Mimkes, J., Lischka, K. p- and n-type cubic GaN epilayers on GaAs 12223
As, D.J., Schmilgus, F., Wang, C., Schottker, B., Schikora, D., Lischka, K. The near band edge photoluminescence of cubic GaN epilayers 41920
As, D.J. *see* Buda, B. 12254
As, D.J. *see* Schikora, D. 782
Asa, F. *see* Takai, M. 32792
Asa, G. *see* Goren, D. 39041
Asa, G. *see* Nemirovsky, Y. 7780
Asa, H. *see* Kijima, T. 36983
Asaba, K. *see* Kadoya, M. 14023
Asabayashi, I. *see* Okayama, H. 47489
Asad, Z., Asghar, M., Imrie, D.C. The measurement of the wall thickness of steel sections using Compton backscattering 52876
Asada, H. *see* Kakuda, Y. 16087
Asada, K., Hoh, K. VLSI Design and Education Center (VDEC) current status and future plan 39632
Asada, K. *see* Ikeno, R. 12973
Asada, K. *see* Jeehan Lee 41102
Asada, K. *see* Mido, T. 43243
Asada, K. *see* Tsz-Shing Cheung 41105
Asada, M. Proposal and analysis of a three-terminal photon-assisted tunneling device operating in the terahertz frequency range 23575
Asada, M., Noda, S., Hosoda, K. Action-based sensor space categorization for robot learning 35223
Asada, M. *see* Hongo, H. 22742
Asada, M. *see* Kohno, Y. 13047
Asada, M. *see* Mori, K. 13046
Asada, M. *see* Nakamura, T. 36894
Asada, M. *see* Watanabe, M. 23661
Asada, N., Amano, A., Baba, M. Photometric calibration of zoom lens systems 7405
Asada, S. *see* Syo, T. 13110
Asada, T. *see* Ohki, Y. 32700
Asada, T. *see* Shibuya, K. 25249
Asae, V. *see* Takemata, K. 8317
Asahara, H. *see* Kawahara, K. 28845
Asahara, T. *see* Tsuboi, H. 44956
Asahi, H. Thallium compounds: a promising new class of III-V materials for laser diodes 52608
Asahi, H. *see* Doi, K. 31964
Asahi, H. *see* Iwata, K. 30736
Asahi, H. *see* Yamamoto, K. 30754
Asahi, K., Araki, M., Uehara, D., Masuta, T., Konishi, C., Fijita, S. STM-64 multiplexer and regenerator for 10 Gbit/s fiber optic transmission 6765
Asahi, T. *see* Okazaki, H. 30838
Asahida, M. *see* Kawahara, Y. 17108
Asahina, I.L. *see* Shima, K. 320
Asahina, K. *see* Fujita, K. 10169
Asahina, K. *see* Hagimura, A. 30262
Asai, H. *see* Hirono, T. 42184
Asai, H. *see* Iwase, N. 30265
Asai, H. *see* Kamio, T. 21859
Asai, H. *see* Kinoshita, H. 31073
Asai, H. *see* Ninomiya, H. 21649
Asai, H. *see* Oe, K. 23914
Asai, H. *see* von Weber, H. 50422
Asai, H. *see* Watanabe, T. 1095
Asai, H. *see* Yasumoto, T. 10943
Asai, K., Kojima, M., Ishida, Y., Maruyama, K., Yoshimi, N., Misawa, H., Miyasato, K. Calibration of gain and phase on the phased array system installed in a radio telescope 27121
Asai, K. *see* Fukuhara, T. 35193
Asai, K. *see* Nishiwaki, H. 30761
Asai, K. *see* Sato, A. 33459
Asai, M., Yamakita, J., Ishii, J., Sawa, S. Electromagnetic wave scattering by two-dimensional resistive plane gratings with anisotropic slab 14571
Asai, M. *see* Ohsugi, T. 37385
Asai, M. *see* Tanizawa, M. 10122
Asai, M. *see* Yoshioka, H. 39168
Asai, N. *see* Imai, A. 2558
Asai, N. *see* Tanaka, T. 2467
Asai, S., Takechi, S., Kitamura, Y., Tabata, Y., Nozaki, K., Yano, E., Hanyu, I. 193 nm phase-shifting lithography with single layer resist for VLSIs beyond 1 G-bit DRAM 2494
Asai, S. *see* Chijimatsu, T. 2458
Asai, S. *see* Haruki, T. 32256
Asai, T. *see* Kojima, T. 51504
Asai, Y., Ozaki, Y., Kubota, H., Matsumoto, M., Kanamori, H. Evaluation of radiographic mottle using a single frequency value of the psychophysical Wiener spectrum 28165
Asai, Y. *see* Hasegawa, T. 38780
Asaii, B., Gosden, D.F., Sathiakumar, S. Neural network applications in control of electric vehicle induction machine drives 9674
Asaii, B., Gosden, D.F., Sathiakumar, S. A new technique for highly efficient sensor-less control of electric vehicles by using neural networks 29791
Asaii, B., Moghtaderi, B., Sathiakumar, S., Gosden, D.F. A new thermal model for EV induction machine drives 29793
Asaithambi, N.S. A variable time step Galerkin method for a one-dimensional Stefan problem 21177
Asaithambi, N.S. A numerical method for the solution of the Falkner-Skan equation 21178
Asaka, T. *see* Kawahara, R. 26281
Asaka, T. *see* Kimura, T. 58013
Asaka, T. *see* Yoshikawa, H. 49102
Asakawa, A. *see* Nakada, K. 60370
Asakawa, K. *see* Higuchi, T. 22637
Asakawa, K. *see* Kohmoto, S. 22378
Asakawa, K. *see* Sugihara, S. 31904
Asakawa, K. *see* Takagi, S. 6430
Asakawa, K. *see* Takagi, S. 47511
Asaki, Y., Saito, M., Kawabe, R., Morita, K.-I., Sasao, T. Phase compensation experiments with the paired antennas method 17020
Asako, Y. *see* Nakano, M. 973
Asakura, H. *see* Hosoya, T. 51867
Asakura, K. *see* Chun Wangjae 7842
Asakura, M. *see* Furutani, K. 1393
Asakura, M. *see* Furutani, K. 53299
Asakura, S. *see* Nakagawa, H. 58820
Asakura, T., Ishikawa, K., Sato, A., Okada, M. Preparation and pyroelectric characteristics of $Pb(Zr,Ti)O_3$ thin films grown by metalorganic chemical vapor deposition 2904
Asakura, T. *see* Aizu, Y. 49538
Asakura, T. *see* Aoyagi, Y. 46369
Asal, R., Rivers, P.E., Rutt, H.N. Gallium-lanthanum sulphide films for waveguide devices 13796
Asami, E., Sasaki, Y., Hisa, H., Yamada, Y., Itoh, Y. Inertial grade IFOG development status at JAE 27622
Asami, H. *see* Satoh, T. 51875
Asami, K. Testing the digital modulation of PHS devices 47677
Asami, K. *see* Doi, K. 31964
Asami, K. *see* Iwata, K. 30736
Asami, S. *see* Koike, M. 13883
Asami, S. *see* Mori, T. 12524
Asami, T. *see* Yokota, H. 5995
Asanare, K.L. *see* Keskar, A.G. 38892
Asano, A., Konishi, T., Yokozeki, S. Multiresolution pattern spectrum and its optical implementation using visual area coding technique 25530
Asano, A., Sudo, G., Nishihara, H. Analysis and characterization of nonuniformity in phosphoric acid fuel cells 51498
Asano, A., Yamashita, T., Yokozeki, S. Learning optimization of morphological filters with gray scale structuring elements 44167
Asano, A., Yokozeki, S. Multiresolution pattern spectrum and its application to optimization of nonlinear filter 56929
Asano, C. *see* Geng, Z. 436
Asano, E. *see* Kuroda, T. 37176
Asano, E. *see* Tsumori, K. 37061
Asano, F., Suzuki, Y., Sone, T. Convergence characteristics of the adaptive array using RLS algorithm 34738
Asano, F. *see* Abe, K. 48272
Asano, F. *see* Hack-Yoon Kim 24834
Asano, F. *see* Nishimura, R. 24811
Asano, H., Okada, K. Development of computation method for regional electric transmission capacity pricing 38267
Asano, H. *see* Matsuoka, K. 45670
Asano, I. *see* Hayami, H. 35766
Asano, K., Hibino, T., Iwahara, H. Studies on solid electrolytes for a new-type SOFC using methane-air mixture 51531

Asano, K., Hoyano, A., Matsunaga, T. Development of an urban thermal environment measurement system using a new spherical thermography technique 36691
Asano, K., Miyatake, Y., Yatsuzuka, K., Higashiyama, Y. Influence of a solid particle on the breakup of jet ejected from a nozzle 33853
Asano, K. *see* Higashiyama, Y. 55962
Asano, K. *see* Mizukami, Y. 60959
Asano, K. *see* Murata, S. 48249
Asano, K. *see* Ono, F. 31502
Asano, K. *see* Ono, F. 58160
Asano, K. *see* Tajima, T. 17982
Asano, K. *see* Tyler, M.L. 52371
Asano, K. *see* Umeno, T. 39342
Asano, M., Matsuo, H., Kurokawa, F., Mae, W. Analysis of a half-bridge type series resonant DC-DC converter with auxiliary switches 51346
Asano, M., Shimotsuji, S. Form document identification using cell structures 25714
Asano, M. *see* Ito, S. 32272
Asano, M. *see* Ozaki, M. 58019
Asano, N. *see* Hayashibe, R. 59440
Asano, S., Zhao, W., Uose, H. Enhanced academic network in Japan 26179
Asano, S. *see* Yasuda, N. 2932
Asano, T. Digital halftoning algorithm based on random space-filling curve 56790
Asano, T., Aoto, K., Okada, Y. Enhanced solid-phase crystallization of amorphous Si by plasma treatment using reactive ion etching 52753
Asano, T., Uehara, Y., Watanabe, T., Matsumoto, K. HDTV display with a 16-cm projection CRT 17066
Asano, T., Yasuda, J. A new self-aligned process for fabrication of microemitter arrays using selective etching of silicon 31699
Asano, T. *see* Arita, K. 32178
Asano, T. *see* Higa, K. 32575
Asano, T. *see* Mitsuyu, T. 55918
Asano, T. *see* Okamoto, N. 12032
Asano, Y., Ohshima, S., Nishikawa, K. Estimation of received signal characteristics for millimeter wave car radar 27053
Asano, Y. *see* Avrillon, S. 59250
Asano, Y. *see* Miyata, H. 37384
Asano, Y. *see* Ohshima, S. 27054
Asano, Y. *see* Senyo, K. 37386
Asano, Y. *see* Tsujita, Y. 37285
Asanovic, K. *see* Wawrzynek, J. 53323
Asao, H. *see* Yoneda, N. 45348
Asao, M. *see* Ueda, F. 38884
Asao, Y. *see* Aoki, T. 58309
Asaoka, A., Ueda, S. An experimental study of a magnetic sensor in an automated highway system 27541
Asari, E. *see* Bichevin, V. 1903
Asaro, T. *see* Arita, K. 54302
Asato, H., Tachikawa, S., Marubayashi, G. Suppression effects of multiple access interference in direct sequence/spread spectrum multiple access system by using partial correlation weight coefficient control techniques 35911
Asato, K. *see* Yamashita, K. 31374
Asato, S. *see* Yamashita, K. 38719
Asato, S. *see* Yamashita, K. 38720
Asawa, M. Optimal admissions in cellular networks with handoffs 6564
Asazu, T. *see* Isobe, Y. 17715
Asbeck, P.M. *see* Deng, F. 13004
Asbeck, P.M. *see* Liao, H.H. 58352
Ascarrunz, F. *see* Walls, F.L. 48331
Ascarrunz, F.G., Jefferts, S.R., Parker, T.E. Earth station errors in two-way time transfer 26664
Ascarrunz, F.G., Jefferts, S.R., Parker, T.E. Environmental effects on errors in two-way time transfer 27939
Ascarrunz, F.G., Walls, F.L. A standard for PM and AM noise at 10.6, 21.2 and 42.4 GHz 17184
Asch, B.Van *see* Van Asch, B.
Aschan, C., Toivonen, M., Lampinen, J., Kairemo, K., Savolainen, S. The use of TL detectors for dose estimations in radioimmunotherapy 37862
Aschenbrenner, R., Jung, E., Becker, K.F., Zakel, E., Reichl, H. Implementation of flip chip technology for BGA packages 20897
Aschenbrenner, R., Ostmann, A., Motulla, G., Zakel, E., Reichl, H. Flip chip attachment using anisotropic conductive adhesives and electroless nickel bumps 30260
Aschenbrenner, R. *see* Jung, E. 12010
Aschenbrenner, R. *see* Kloeser, J. 12009
Ascher, U., Ping Lin Sequential regularization methods for nonlinear higher-index DAEs 40209
Aschero, G., Mango, F., Gizdulich, P. Microwave differential dilatometer measures 10^{-12} m, at 1 Hz 8009
Ascia, G., Catania, V., Ficili, G. Design of a VLSI hardware PET decoder 56814
Ascia, G., Catania, V., Ficili, G., Palazzo, S., Panno, D. A VLSI fuzzy expert system for real-time traffic control in ATM networks 35425
Ascroft Hutton, W.W., Rae, A.C. The regulation of the commissioning of the Sizewell B nuclear power station 9018
Asenjo S., E., Morales O., N., Valdenegro E., A. Solution of low frequency complex fields in polluted insulators by means of the finite element method 54954
Asenov, A. *see* Babiker, S. 2713
Asenov, A. *see* Babiker, S. 2716
Asenov, A. *see* Barker, R. 54726
Asensi, R. *see* Pleite, J. 40918
Asensi, S.Cuenca *see* Cuenca Asensi, S.
Asensio, M.C. *see* Mascaraque, A. 54243
Asenstorfer, J. *see* Ronald, S. 10359
Asfour, Y.R., Carpenter, C.A., Grossberg, S. Landsat satellite image segmentation using the fuzzy ARTMAP neural network 60100
Asgarpoor, S., Benson, S. Production costing strategy for optimal SO_2 compliance using Monte Carlo simulation 28803
Asgarpoor, S., Benson, S.J., Mathine, M.J. Transmission constrained production costing strategy for optimal SO_2 compliance 60462
Asgarpoor, S., Mathine, M.J. Reliability evaluation of distribution systems with nonexponential down times 60381
Asghar, M. *see* Asad, Z. 52876
Asghari, M., White, I.H., Penty, R.V. Chirp limitation on high-speed wavelength conversion using semiconductor optical amplifiers 36087
Asghari, M. *see* Stephens, M.F.C. 26727
Asghari, M. *see* Stephens, M.F.C. 44509
Asghari, M. *see* Stephens, M.F.C. 58340
Asghari, M. *see* Thompson, G.H.B. 36110
Ash, D., Hayes-Roth, B. Using action-based hierarchies for real-time diagnosis 20995
Ashar, P., Gupta, A., Malik, S. Using Complete-1-Distinguishability for FSM equivalence checking 11357
Ashar, P. *see* Tiwari, V. 21614
Ashauer, M., Ende, J., Glosch, H., Haffner, H., Hiltmann, K. Thermal characterization of microsystems by means of high-resolution thermography 43224
Ashburn, P. *see* Le Tron, B. 54604
Ashburn, P. *see* Moiseiwitsch, N.E. 22769
Ashburn, P. *see* Silvestre, S. 39211
Ashburn, S. *see* Chatterjee, A. 54800
Ashburner, P. Protect your probes 36413
Ashburner, P. Tackling smaller targets [fine-pitch board testing] 41646
Ashby, C.I.H. *see* Blum, O. 32172
Ashby, C.I.H. *see* Shul, R.J. 12783
Ashby, L., Ising, S. DICY free, novolac-cured epoxy laminate formulations 1793
Ashby, M.F. *see* Wood, J.T. 40662
Ashby, N., Allan, D.W. Navigation and timing accuracy at the 30 centimeter and subnanosecond level 27111
Ashcraft, S.R. *see* Halpin, S.M. 38851
Ashenayi, K. *see* Ramamoorthy, S.K. 19253
Ashenford, D.E. *see* Klar, P.J. 12510
Ashenford, D.E. *see* Ozanyan, K.B. 23884
Ashenford, D.E. *see* Ozanyan, K.B. 33557
Asher, G. *see* Cardenas-Dobson, R. 60620
Asher, G.M. *see* Blasco-Gimenez, R. 9586
Asher, G.M. *see* Blasco-Gimenez, R. 51690
Asher, G.M. *see* Blasco-Gimenez, R. 51709
Asher, G.M. *see* Cardenas, R. 60616
Asher, G.M. *see* Cardenas-Dobson, R. 29189
Asher, G.M. *see* Cardenas-Dobson, R. 60620
Asher, G.M. *see* Cilia, J. 9587
Asher, G.M. *see* Cilia, J. 29709
Asher, G.M. *see* Ferrah, A. 29719
Asher, G.M. *see* Lamb, J.D. 30489
Asher, G.M. *see* Lamb, J.D. 40754
Asher, G.M. *see* Lamb, J.D. 52468
Asher, G.M. *see* Pena, R.S. 60617
Asher, S. *see* Albin, D. 40548
Asher, S. *see* Kurtz, S.R. 38974
Asher, S. *see* Ramanathan, K. 39074
Asher, S. *see* Wang, T.H. 30760
Asher, S.E. *see* Tsuo, Y.S. 39205
Ashery, A., Terra, F.S. Gallium arsenide homojunction prepared by liquid phase epitaxy 10816
Ashford, E.W. A European strategy for future satellite communications systems 58253
Ashida, I. *see* Veltman, R. 22652
Ashida, T. *see* Yubazaki, N. 21712
Ashikaga, K., Tsuboi, T., Yamashita, Y., Sugihara, S., Gomei, Y., Shoki, T., Yamaguchi, Y., Ohta, T. Study on X-ray irradiation stability of absorber materials for X-ray masks by stress measurement 22680
Ashikaga, T. *see* Mizuno, T. 29756
Ashikaga, T. *see* Mizuno, T. 38718
Ashikaga, T. *see* Terashima, M. 39322
Ashikagi, T. *see* Terashima, M. 51744
Ashimine, S. *see* Senjyu, T. 9267
Ashimine, S. *see* Senjyu, T. 51036
Ashimura, Y. *see* Iida, S. 41846
Ashish Mehra, Indiresan, A., Shin, K.G. Structuring communication software for quality-of-service guarantees 25988
Ashizawa, K. *see* Ahatani, S. 33146
Ashizawa, K. *see* Suzuki, A. 11941
Ashizawa, T. *see* Yoshida, T. 29670
Ashjaei, B., Soltanian-Zadeh, H. A comparative analysis of neural network methodologies for segmentation of magnetic resonance images 59510
Ashkenazi, G., Ripoll, D.R., Lotan, N., Scheraga, H.A. A molecular switch for biochemical logic gates: conformational studies 53823
Ashkinadze, B.M., Tsidilkovski, E., Linder, E., Cohen, E., Ron, A., Pfeiffer, L.N. Electron-assisted exciton transfer and long-lived electrons and holes in GaAs/$Al_xGa_{1-x}As$ quantum wells 2176
Ashkinadze, B.M. *see* Harel, R. 12402
Ashley, C.R. *see* Shum, K.E. 18686
Ashley, H. *see* Eggers, A.J., Jr. 19655
Ashley, J.J. A linear bound for sliding-block decoder window size. II 24702
Ashley, J.J., Karabed, R., Siegel, P.H. Complexity and sliding-block decodability 24703
Ashley, J.J., Marcus, B.H., Roth, R.M. On the decoding delay of encoders for input-constrained channels 24704
Ashley, P.R. *see* Huang, Q. 44749
Ashley, P.R. *see* Taylor, T. 13668
Ashley, T., Elliott, C.T., Jefferies, R., Johnson, A., Pryce, G. Mid-infrared InSb diode lasers grown by MBE 3905
Ashley, T., Elliott, C.T., Jefferies, R., Johnson, A.D., Pryce, G.J., White, A.M., Carroll, M. Mid-infrared $In_{1-x}Al_xSb$/InSb heterostructure diode lasers 44434
Ashlock, D. *see* Engebretson, C.J. 15925
Ashman, I., Vladimirova, T., Jesshope, C., Peel, R. Parallel Boltzmann machine topologies for simulated annealing realisation of combinatorial problems 21108
Ashmole, P. *see* Moore, P. 28862
Ashmontas, S. *see* Amosova, L.P. 1902
Ashmontas, S. *see* Dashevsky, Z.M. 31963
Ashmore, C. Hi-tech formula for success at Jordan Grand Prix 20207
Ashmore, C. The joint approach for a global test systems market 39652
Ashok, S. *see* Chi, D.Z. 54333
Ashok, S. *see* Krishnan, S. 43031
Ashok, S. *see* Nam, C.W. 42583
Ashok, S. *see* Tanabe, A. 12626
Ashok Rao *see* Dinesh, M.S. 18245
Ashoori, R.C. *see* Berman, D. 54724
Ashour, H.A. *see* El Zawawi, A.M.O. 9578
Ashour, M., Zaki, F.W., El-Zanfally, R.H., El-Awadi, R.M. A channel assignment scheme for micro-cellular communication systems 58178
Ashour, O., Chaudhry, Z., Rogers, C.A. Liquid viscosity measurement using a longitudinally vibrating PZT ceramic and electric impedance measurements 7681
Ashour, O. *see* Lukianovich, A. 18177
Ashraf, F. *see* Al-Tawil, K.M. 46819
Ashraf, S.M. *see* Verghese, M.M. 23579
Ashraf, S.M. *see* Verghese, M.M. 55309
Ashrafzadeh, F., Nowicki, E.P., Boozarjomehryjand, R., Salmon, J.C. Optimal synthesis of fuzzy sliding mode controllers [for induction motors] 38727
Ashrafzadeh, F. *see* Mohamadian, M. 19750
Ashton, C. A comprehensive strategy for combating thermal runaway in telecommunications equipment enclosures 51489
Ashton, P. Future developments in integrated bridge control systems 61255
Ashton, R.W., Ciezki, J.G. A novel Power Systems program at the Naval Postgraduate School 52052
Ashur, A. *see* Imber, N. 54531
Ashur, A.S. *see* Mekhallalati, M.C. 31288
Ashur, A.S. *see* Mekhallalati, M.C. 41100
Ashurbekov, N.A. *see* Mikaelian, A.L. 23456
Ashurov, M.Kh., Rustamov, I.R., Amonov, M.Z. The effect of preliminary γ-irradiation on lasing properties of $YAlO_3:Nd^{3+}$ crystals 55583
Ashwell, G.J., Roberts, M.P.S. Highly selective surface plasmon resonance sensor for NO_2 7465
Ashwin, M.J., Pritchard, R.E., Newman, R.C., Joyce, T.B., Bullough, T.J., Wagner, J., Jeynes, C., Breuer, S.J., Jones, R., Briddon, P.R., Oberg, S. The bonding of C_{As} acceptors in $In_xGa_{1-x}As$ grown by chemical beam epitaxy using carbon tetrabromide as the source of carbon 758
Ashwin, M.J. *see* Kaczor, P. 12233
Ashwin, M.J. *see* Newman, R.C. 2029
Ashwin, P., Nicol, M. Detection of symmetry of attractors from observations. I. Theory 40952
Ashwin, P., Tomes, J. Detection of symmetry of attractors from observations. II. An experiment with S_4 symmetry 40953
Ashworth, D. *see* Rizvi, N.H. 2540
Ashworth, G. *see* Batchelor, S. 3400
Ashworth, M. Power supply design for residential radio phone links 26522
Ashworth, S.H., Joschko, M., Woerner, M., Riedle, E., Elsaesser, T. Generation of 16-fs pulses at 425 nm by extracavity frequency doubling of a mode-locked Ti:sapphire laser 33665
Ashworth, S.P. *see* Ciszek, M. 43741
Ashworth, S.P. *see* Glowacki, B.A. 58950
Asiaie, R. *see* Weidong Zhu 23173
Asiaie, R. *see* Zhu, W. 32681
Asif Khan, M. *see* Ping, A.T. 42591
Asif Khan, M. *see* Sun, C.J. 44277
Asif Khan, M. *see* Yang, J.W. 12341
Asikainen, T., Ritala, M., Wei-Min Li, Lappalainen, R., Leskela, M. Modifying ALE grown In_2O_3 films by benzoyl fluoride pulses 52713
Asimellis, G., Khoury, J., Woods, C.L. Photorefractive incoherent-erasure joint-transform correlator 25274
Asina, S.S., Gorkin, E.V. Power semiconductor resistor design and technology 41532
Asinovsky, L., Fox, S., Karagiannis, E., Schroth, M., Sweeney, J.J., III Characterization of low pressure chemical vapor deposited polysilicon using ellipsometry 21332
Asjadi, H. *see* Behbahani, A.R.S. 45504
Ask, B. *see* Haugen, H. 46887

Ask, P. *see* Storck, K. 7864
Askar, A. *see* Sennaroglu, A. 44612
Askari, F., Donato, T.F., Morrison, J.M. Detection of oceanic fronts at low grazing angles using an X band real aperture radar 28644
Askenazy, S. *see* van Bockstal, L. 7544
Asker, C.L., Salerud, E.G. Estimation of spatial heterogeneity of the capillary bed using mathematical triangulation and distance models 28288
Askew, R.F. *see* Ramesham, R. 10918
Askew, T. R/V SEWARD JOHNSON lengthening midbody addition results in added general oceanographic capabilities while retaining undersea vehicle support features 50177
Askins, C.G. *see* Friebele, E.J. 17439
Askne, J. *see* Li, A. 48065
Askne, J. *see* Smith, G. 48114
Askne, J.I.H., Dammert, P.B.G., Ulander, L.M.H., Smith, G. C-band repeat-pass interferometric SAR observations of the forest 28675
Askne, J.L.H. *see* Israelsson, H. 28676
Aslam, A., Brockherde, W., Hosticka, B.J., Vogt, H., Zimmer, G. A CMOS image sensor with combined analog nonvolatile storage capability 48694
Aslam, D.M. *see* Sahli, S. 54045
Aslam, S. Providing Internet E-mail to the campus community at the Lahore University of Management Sciences, Lahore, Pakistan 46984
Aslan, E. A personal monitor using a surface area sensor 37918
Aslanidis, Y. *see* Ferrara, K.W. 28186
Asmail, C.C. *see* Germer, T.A. 48905
Asman, M. *see* Lago, T.L. 50100
Asmar, N.G. *see* Markelz, A.G. 22300
Asmar, S.W. *see* Wohlmuth, R. 56051
Asmontas, S., Gradauskas, J., Seliuta, D., Silenas, A., Sirmulis, E. New GaAs infrared detector 58745
Asmontas, S., Gradauskas, J., Suziedelis, A. Wide frequency band radiation detector 36579
Asmundis, R.De *see* De Asmundis, R.
Asner, A. *see* Scanlan, R.M. 13516
Asner, A. *see* Scanlan, R.M. 37053
Asner, G.P., Privette, J.L., Wessman, C.A., Bateson, C.A. Extracting sub-pixel vegetation endmember bidirectional reflectance for canopy model inversion using NOAA AVHRR satellite imagery 8539
Asnin, V.M. *see* Krainsky, I.L. 41761
Asnis, L.N., Voronov, A.V., Golovkov, A.A., Kuznetsov, S.V. Volume laser display with acoustooptic deflectors 27790
Aso, H. *see* Ishii, K. 50194
Aso, T. *see* Miyata, H. 37384
Aso, T. *see* Unno, Y. 37395
Asobe, M., Yokohama, I., Itoh, H., Kaino, T. All-optical switching by use of cascading of phase-matched sum-frequency-generation and difference-frequency-generation processes in periodically poled $LiNbO_3$ 55826
Asobe, M. *see* Tsukada, M. 26443
Asokan, N., Tsudik, G., Waidner, M. Server-supported signatures 16289
Asokan, S. *see* Prakash, S. 22276
Asomoza, R. *see* de la L. Olvera, M. 7467
Asomoza, R. *see* de la L. Olvera, M. 7468
Asomoza, R. *see* Matsumoto, Y. 9536
Asomoza, R. *see* Matsumoto, Y. 61093
Asonen, H. *see* Nappi, J. 55671
Asonen, H. *see* Zhang, G. 44492
Aspar, B., Moriceau, H., Auberton-Herve, A.J. Characterization of SOI substrates: application to recent SIMOX and Unibond(R) wafers 42297
Aspar, B. *see* Afanasev, V. 12596
Aspar, B. *see* Auberton-Herve, A.J. 42607
Aspar, B. *see* Cristoloveanu, S. 42302
Aspar, B. *see* Maleville, C. 42291
Aspar, B. *see* Moriceau, H. 22554
Aspar, B. *see* Prieur, E. 12562
Aspell, P. *see* Faccio, F. 12993
Asper, V.L. *see* Caimi, F.M. 38098
Aspnes, D.E. Real-time optical diagnostics for epitaxial growth 740
Aspnes, D.E. Real-time optical analysis and control of semiconductor epitaxy: Progress and opportunity 10789
Aspnes, D.E. *see* Bachmann, K.J. 52693
Aspnes, D.E. *see* Bremser, M.D. 21270
Aspnes, D.E. *see* Edwards, N.V. 41982
Aspnes, D.E. *see* Mantese, L. 12174
Aspnes, D.E. *see* Rossow, U. 2187
Aspnes, D.E. *see* Rossow, U. 2375
Aspnes, D.E. *see* Rossow, U. 52623
Aspnes, D.E. *see* Schmidt, D. 54396
Aspnes, J.D. *see* Cote, J.W. 20459
Asquerino, J.C.Montano *see* Montano Asquerino, J.C.
Asressahegn, M., Berger, G., Petzold, J. Test and simulation results of a 1 kW high-speed switched reluctance motor (SRM) for vacuum cleaner 61353
Asryan, L.V., Suris, R.A. To the theory of quantum dot lasers: self-consistent consideration of quantum dot charge 55622
Assa, J. *see* Danev, G. 42799
Assad, S.El *see* El Assad, S.
Assadaraghi, F. *see* Thon, L.E. 11576
Assaderaghi, F., Shahidi, G., Wagner, L., Hsieh, M., Pelella, M., Chu, S., Dennard, R., Davari, B. Accurate measurement of pass-transistor leakage current in SOI MOSFET's 13001
Assaderaghi, F., Shahidi, G.G., Hargrove, M., Hathorn, K., Hovel, H., Kulkarni, S., Rausch, W., Sadana, D., Schepis, D., Schulz, R., Yee, D., Sun, J., Dennard, R., Davari, B. History dependence of non-fully depleted (NFD) digital SOI circuits 2839
Assaderaghi, F., Sinitsky, D., Bokor, J., Ko, P.K., Gaw, H., Chenming Hu High-field transport of inversion-layer electrons and holes including velocity overshoot 42332
Assaderaghi, F., Sinitsky, D., Parke, S.A., Bokor, J., Ko, P.K., Chenming Hu Dynamic threshold-voltage MOSFET (DTMOS) for ultra-low voltage VLSI 32409
Assaderaghi, F. *see* Sinitsky, D. 22849
Assaderaghi, F. *see* Voldman, S. 22978
Assaderaghi, F. *see* Wann, C. 43099
Assadi, A. *see* Bastien, J. 32360
Assaid, E. *see* Stebe, B. 32012
Assaleh, K.T. Automatic evaluation of speaker recognizability of coded speech 15039
Assama, M. *see* Thornbloom, M. 60571
Assanto, G., Hagan, D.J., Stegeman, G.I., Van Stryland, E.W., Torruellas, W.E. Vectorial quadratic interactions for all-optical signal processing via second-harmonic generation 55858
Assanto, G. *see* Conti, C. 55852
Assanto, G. *see* De Rossi, A. 43994
Assanto, G. *see* Giuseppe Leo 24105
Assanto, G. *see* Lawrence, B. 4089
Assanto, G. *see* Leo, G. 24243
Assanto, G. *see* Mollame, R. 33646
Assayag, G.B. *see* Gierak, J. 42893
Assche, S.Van *see* Van Assche, S.
Asseev, A. *see* Murphy, C.T. 49262
Asseev, A.A., Gorin, M.Yu. Crystal-aided non-resonant extraction of 70 GeV protons from the IHEP accelerator 49260
Assef, Y., Chaari, O., Meunier, M. Classification of power distribution system fault currents using wavelets associated to artificial neural networks 50531
Asseh, A. *see* Henriksson, A. 36613
Asselmeyer, T. *see* Rose, H. 10378
Assenov, A. *see* Kirii, A. 50379
Assenov, A. *see* Webster, D.R. 31133
Assis Silva, F.Morais de *see* Morais de Assis Silva, F.
Assman, R. *see* Decker, F.-J. 37122
Assmann, R., Adolphsen, C., Bane, K., Raubenheimer, T.O., Siemann, R., Thompson, K. LIAR--a new program for the modelling and simulation of linear accelerators with high gradients and small emittances 49032
Assmann, R., Adolphsen, C., Bane, K., Raubenheimer, T.O., Thompson, K. Emittance dilution due to slow alignment drifts in the main linacs of the NLC 49107
Assmann, R., Adolphsen, C., Bane, K., Raubenheimer, T.O., Thompson, K. Emittance and trajectory control in the main linacs of the NLC 49108
Assmann, R., Montag, C., Salsberg, C. Beamline stability measurements with a stretched wire system in the FFTB 49112
Assmann, R., Zimmermann, F. Possible sources of pulse-to-pulse orbit variation in the SLAC linac 49109
Assmann, W. *see* Eisenhammer, T. 10861
Assouad, Y., Caplot, M., Gautier, T. Advanced cooling techniques comparison for airborne electronic circuits 59952
Assouad, Y. *see* Rosten, H.I. 52280
Assoum, A. *see* Velazco, R. 21846
Assoum, A. *see* Velazco, R. 21853
Assuncao, M.A. *see* Boemare, C. 22314
Assuncao, P., Ghanbari, M. Rate reduction techniques for MPEG-2 video bit streams 15633
Assuncao, P. *see* Ghanbari, M. 57448
Assuncao, P.A.A., Ghanbari, M. Post-processing of MPEG2 coded video for transmission at lower bit rates 25584
Assuncao, P.A.A., Ghanbari, M. Fast computation of MC-DCT for video transcoding 35279
Assuncao, P.A.A., Ghanbari, M. Optimal bit rate conversion of MPEG-2 video bit streams 56287
Ast, L., Cinkler, T., Fodor, G., Racz, S., Blaabjerg, S. Blocking probability approximations and revenue optimization in multirate loss networks 57590
Astad, U. *see* Purdy, L. 10010
Astadjov, D.N., Dimitrov, K.D., Jones, D.R., Kirkov, V., Little, L., Little, C.E., Sabotinov, N.V., Vuchkov, N.K. Influence on operating characteristics of scaling sealed-off CuBr lasers in active length 23748
Astadjov, D.N., Dimitrov, K.D., Jones, D.R., Kirkov, V.K., Little, C.E., Sabotinov, N.V., Vuchkov, N.K. Copper bromide laser of 120-W average output power 55503
Astaf'ev, L.I. Properties of axial electrical machines, electroferrodynamic machines 19678
Astaf'ev, L.I. Ferrodynamic transformer 20151
Astaf'ev, L.I. Development and use of the Pohl method in the theory of contactless electrical machines 50902
Astaf'eva, N.M. Wavelet analysis: basic theory and some applications 60036
Astakhov, V.P., Karpov, V.V., Marakhonov, V.M., Petrov, V.I., Stepovich, M.A., Filippov, M.N., Terra, F.S. Local properties, manufacturing conditions, and luminescence characteristics of light diodes based on epitaxial systems GaAs-AlAs 13889
Astala, J. *see* Walker, S. 49512
Astapenko, Yu.V. *see* Novikov, N.N. 39944
Astashinskii, V.M. *see* Ananin, S.I. 36997
Asten, N.A.A.J.van *see* van Asten, N.A.A.J.
Asthana, M., Somalwar, N.A. Petri-net based modeling 10302
Asthana, P., Finkelstein, B.I., Fennema, A.A. Rewritable optical disk drive technology 13562
Asti, G., Solzi, M. Vibrating wire magnetic susceptometer 7252
Asti, G., Solzi, M. A wide temperature range susceptometer 7528
Asti, G., Solzi, M. Alternating field gradient susceptometer 7537
Asti, G. *see* Solzi, M. 3130
Astier, S. *see* Clenet, S. 60795
Astier, S. *see* Pertusa, C. 50881
Astola, J., Akopian, D. Fast regular 2-D algorithms for trigonometric transforms 52402
Astola, J. *see* Akopian, D. 15286
Astola, J. *see* Cheikh, F.A. 57035
Astola, J. *see* Egiazarian, K. 4702
Astola, J. *see* Egiazarian, K. 15399
Astola, J. *see* Egiazarian, K. 45915
Astola, J. *see* Helsingius, M. 15927
Astola, J. *see* Imed Ben Dhaou 56979
Astola, J. *see* Koivunen, V. 57254
Astola, J. *see* Melnik, V.P. 15930
Astola, J.T., Gevorkian, D.Z. High-speed systolic architectures for median type filtering 15317
Astola, J.T. *see* Akopian, D.A. 31393
Astola, J.T. *see* Atourian, S.M. 5523
Astola, J.T. *see* Lukin, V.V. 5253
Aston, D. *see* Abe, K. 37234
Astor, M. *see* Lizzi, F.L. 37867
Astrain, H. *see* Engel, A. 41217
Astrom, A., Hall, M., Edman, A. A comparison of bit-serial and multi-bit processor elements in a real-time signal processing SIMD architecture 16968
Astrom, B. *see* Lindroth, A. 8856
Astrom, B. *see* Lindroth, A. 8857
Astrom, K., Heyden, A. Stochastic modelling and analysis of sub-pixel edge detection 5350
Astrom, K., Heyden, A. Stochastic analysis of scale-space smoothing 5387
Astrom, K. *see* Heyden, A. 5088
Astrom, K. *see* Pizlo, Z. 57142
Astrov, D.N., Korostin, S.V., Polunin, S.P. Thermometer working standard for temperatures below 0.5 K 7283
Astrov, Yu.A. *see* Portsel, L.M. 36648
Astrova, E.V., Emtsev, V.V., Lebedev, A.A., Poloskin, D.S., Remenyuk, A.D., Rud, Yu.V., Vitman, R.F. Effect of γ-irradiation on photoluminescence of porous silicon 44220
Astrova, E.V., Lebedev, A.A., Remenyuk, A.D., Rud, Yu.V., Rud, V.Yu. Photosensitivity of porous silicon-silicon heterostructures 44199
Asuke, N., Namikawa, T., Yamazaki, Y. Control of magnetostrictive vibration of amorphous ribbons by magnetic patterns 43707
Asundi, A., Cheng, H.K., Toh, S.L., Tay, C.J. Effect of input polarization angle on force sensitivity of embedded single mode polarimetric sensors 48620
Asvestas, J.S. Scattering by an indentation satisfying a dyadic impedance boundary condition 24434
Aswal, D.K., Gupta, S.K., Narang, S.N., Sabharwal, S.C., Gupta, M.K. On the enlargement of the lattice parameter c in sputter deposited in situ prepared thin films of $YBa_2Cu_3O_x$ 55088
Aswendt, P., Hofling, R. Steps towards the use of DSPI for high temperature strain measurement 1014
Ata, O. An amplifier predistort linear iser for future mobile radio basestations 58175
Ata, O. *see* Bishara, M. 58174
Atac, M. Detector possibilities for a $\mu^+\mu^-$ collider 18110
Ataei, G.R. *see* Webster, D.R. 31133
Ataev, B.M., Bagamadova, A.M., Mamedov, V.V. On exciton luminescence of ZnO/Al_2O_3 epitaxial thin films 886
Atag, S., Celikel, A., Haciyev, F., Sultansoy, S., Tuerkoez, S. Probing spin structure of nucleons in scattering of polarized real gamma beam on polarized nuclear targets 17963
Atagi, K. *see* Kataoka, S. 39395
Ataie, A. *see* Ahmed, F.M. 3120
Ataka, M. *see* Nakamura, S. 43413
Ataka, M. *see* Nakamura, Y. 13179
Atalar, A. *see* Celik, M. 11159
Atalar, A. *see* Manalis, S.R. 13192
Atalar, A. *see* Minne, S.C. 54544
Atalar, A. *see* Soh, H.T. 18957
Atalar, E., Bottomley, P.A., Ocali, O., Correia, L.C.L., Kelemen, M.D., Lima, J.A.C., Zerhouni, E.A. High resolution intravascular MRI and MRS by using a catheter receiver coil 7989
Atalar, E. *see* Ocali, O. 28270
Atalay, S., Squire, P.T., Atkinson, D., Hogsdon, S.N. Magnetoelastic properties of annealed $Co_{72.5}Si_{12.5}B_{15}$ amorphous wires 3059

Atalay, S., Squire, P.T., Rudkowski, P. Magnetic and magnetoelastic properties of Fe-Si-B metallic fibers 3031
Atallah, K. *see* Baholo, B. 9239
Atallah, M.J., Szpankowski, W., Genin, Y. A pattern matching approach to image compression 57246
Atan, A.B.M. *see* Suleiman, M.B. 10501
Atanackovic, D. *see* Galiana, F.D. 19275
Atanackovic, P.B., Steele, T.A., Munch, J. Optoelectronic properties of n-type CdZnTe 2-DEG single-quantum-well heterostructures 32023
Atanasov, P., Wilkins, E. In vivo rechargeable glucose biosensors 36725
Atanasov, P., Yang, S., Salehi, C., Ghindilis, A.L., Wilkins, E. Short-term canine implantation of a glucose monitoring-telemetry device 7459
Atanasov, P. *see* Ghindilis, A.L. 27701
Atanasov, R. *see* Hache, A. 22245
Atanasova, P., Bhaskaran, V., Kodas, T., Hampden-Smith, M. Oxidation resistance of copper alloy thin films formed by chemical vapor deposition 42714
Atanasova, P., Bhaskaran, V., Kodas, T., Hampden-Smith, M. Oxidation resistance of copper alloy thin films formed by chemical vapor deposition 54500
Atanasova, P. *see* Bhaskaran, V. 40638
Atanassov, N., Gencheva, K., Bratoeva, M. Properties of nickel-tungsten alloys electrodeposited from sulfamate electrolyte 52839
Atar, R., Zeitouni, O. Lyapunov exponents for finite state nonlinear filtering 45896
Atarashi, H., Nakagawa, M. Partial capture effect for multi-carrier radio packet communication network 47706
Atarashi, T. *see* Sasao, K. 10136
Atarashi, Y. *see* Karasawa, K. 40772
Atasoy, A. *see* Gangal, A. 5182
Atay, F.M. *see* Sennaroglu, A. 44612
Atencio, L. *see* Fields, D.E. 59301
Atencio, L. *see* Lee, D.M. 59268
Atencio, L.G. *see* Morris, C.L. 946
Ateniese, G., Blundo, C., De Santis, A., Stinson, D.R. Visual cryptography for general access structures 14836
Ates, A.F., Sarikaya, B. Test sequence generation and timed testing 25931
Athan, S.P., Landis, D.L. Feasibility of employing an I_{DDQ} output amplifier in deep submicron built-in current sensors 23003
Athanas, P.M. *see* Bittner, R.A., Jr. 45722
Athanas, P.M. *see* Peterson, J.B. 21719
Athanas, P.M. *see* Peterson, J.B. 40769
Athanas, P.M. *see* Rachakonda, R.V. 15491
Athanas, P.M. *see* Shirazi, N. 15229
Athanasiadou, G.E. *see* Nix, A.R. 26118
Athanasiu, L. *see* Smith, J.C. 9006
Athanasoulias, G.B. *see* Polychronopoulos, S.J. 55245
Athanassopoulos, A.D., Podinovski, V.V. Dominance and potential optimality in multiple criteria decision analysis with imprecise information 30451
Athani, B.D. *see* Mhatre, M.P. 8164
Athanossov, Y. *see* Papageorgiou, N. 20032
Athas, W.C., Liu, W.-C., Svensson, L.J. Energy-recovery CMOS for highly pipelined DSP designs 11461
Athas, W.C., Svensson, L.J., Tzartzanis, N. A resonant signal driver for two-phase, almost-non-overlapping clocks 1142
Athas, W.C. *see* Svensson, L.J. 13124
Athas, W.C. *see* Tzartzanis, N. 11443
Athavale, M.M. *see* Przekwas, A.J. 289
Athavale, S.D., Economou, D.J. Realization of atomic layer etching of silicon 22570
Atherton, B., Diddams, S., Diels, J.-C. Stabilization of a mode-locked ring laser gyroscope 4177
Atherton, B. *see* Diddams, S. 13982
Atherton, D.L. *see* Mandal, K. 1007
Atherton, D.L. *see* Mandal, K. 55022
Atherton, D.L. *see* Sutherland, J. 52903
Atherton, D.L. *see* Yu, Y. 43636
Atherton, D.P. *see* Efe, M. 27084
Atherton, D.P. *see* Efe, M. 45794
Atherton, J.H. Integrating electronics into active matrix liquid crystal displays 17687
Atherton, T.J., Kerbyson, D.J. Reducing false alarm rates in surveillance imaging using significance testing 57514
Athimon, C. *see* Nguyen-Tat, T. 47225
Athouel, L. *see* Leising, G. 23663
Athouel, L. *see* Leising, G. 23691
Athouel, L. *see* Tasch, S. 44262
Athreya, R. *see* Arya, V. 48597
Atia, M., Bowles, J., Clarke, D.W., Henry, M., Page, I., Randall, G., Yang, J. A self-validating temperature sensor implemented in FPGAs 17282
Atia, W.A. *see* Davis, C.C. 55222
Atieh, A.K., Myslinski, P., Chrostowski, J., Galko, P. Generation of multigigahertz bright and dark soliton pulse trains 13618
Atieh, A.K., Myslinski, P., Chrostowski, J., Galko, P. Polarization-insensitive all-optical demultiplexing system 16515
Atiquzzaman, M. *see* Hassan, M. 46586
Atiquzzaman, M. *see* Zhou, B. 5766
Atiquzzaman, M. *see* Zhou, B. 16047
Atiya, M. *see* Krizan, P. 59293
Atkin, G.E. *see* Kucur, O. 57602
Atkin, P. *see* Hagyard, D. 57489
Atkin, R.J. *see* Leek, T.H. 987
Atkin, R.J. *see* Whittle, M. 971
Atkins, G. *see* Arkwright, J. 24085
Atkins, G. *see* Martin, J. 13593
Atkins, G.R. *see* Arkwright, J.W. 24087
Atkins, G.R. *see* Elango, P. 26451
Atkins, M.S., Mackiewich, B.T. Automatic segmentation of the brain in MRI 18386
Atkins, R.G. *see* Kao, Y.-C.A. 33995
Atkins, R.M., Espindola, R.P. Photosensitivity and grating writing in hydrogen loaded germanosilicate core optical fibers at 325 and 351 nm 43945
Atkins, S., Hall, W., DeBitetto, P., Cohn, D. The MIT/Draper Laboratory autonomous helicopter 59917
Atkins, W.H. *see* Byrd, D.A. 17177
Atkinson, D., Duhaj, P. Magnetoelastic behaviour of amorphous bimetallic ribbons 3063
Atkinson, D. *see* Atalay, S. 3059
Atkinson, G.M. *see* Kubena, R.L. 23050
Atkinson, J.T. *see* Xie, X. 36911
Atkinson, J.T. *see* Xie, X. 48864
Atkinson, J.T. *see* Xinjun Xie 17842
Atkinson, R., Pahirathan, S., Salter, I.W., Grundy, P.J., Tatnall, C.J., Lodder, J.C., Meng, Q. Fundamental optical and magneto-optical constants of Co/Pt and CoNi/Pt multilayered films 13438
Atkinson, R. *see* Papakonstantinou, P. 23349
Atkinson, R. *see* Ruth, R.D. 49165
Atkinson, R.J. Toward a more secure Internet 26083
Atlas, L., Owsley, L., McLaughlin, J., Bernard, G. Automatic feature-finding for time-frequency distributions 34957
Atlas, L. *see* Narayanan, S.B. 45781
Atlas, L. *see* Owsley, L. 25223
Atlasis, A.F. *see* Vasilakos, A.V. 46601
Atlasis, A.F. *see* Vasilakos, A.V. 46619
Atluri, V., Herbots, N., Dagel, D., Bhagvat, S., Whaley, S. Hydrogen passivation of Si(100) wafers as templates for low temperature (T<600°C) epitaxy 12736
Atluri, V. *see* Barnett, J.M. 42462
Atluri, V. *see* Carpio, R.A. 42571
Atmaca, H., Bulut, M., Demir, D. Histogram based fuzzy Kohonen clustering network for image segmentation 57469
Atman, C.J. *see* Besterfield-Sacre, M. 20473
Atmaram, G.H., Ventre, G.G., Maytrott, C.W., Dunlop, J.P., Swamy, R. Long-term performance and reliability of crystalline silicon photovoltaic modules 39170
Atmur, R., Connor, D.F., Molzon, W. A VME-based software trigger system using UNIX processors 37518
Ato, I. *see* Yamamoto, Y. 35809
Atoji, T. *see* Sakaguchi, K. 42353
Aton, T., Seitchik, J., Joyner, K., Houston, T., Shichijo, H. Direct measurement for SOI and bulk diodes of single-event-upset charge collection from energetic ions and alpha particles 1354
Aton, T.J. *see* Yin Hu 1358
Atourian, S.M., Gevorkian, D.Z., Egiazarian, K.O., Astola, J.T. Efficient nonlinear transform methods for image processing 5523
Atse, Y., Nakayama, K., Ma, Z. Performance of single and multi-reference NLMS noise canceller based on correlation between signal and noise 15269
Atsuki, K. *see* Keren Li 24538
Atsuki, T. *see* Ito, Y. 2908
Atsuki, T. *see* Ito, Y. 52748
Attaianese, C., Damiano, A., Marongiu, I., Perfetto, A. A DSP-based nonlinear controller for induction motor drives 61174
Attaianese, C., Damiano, A., Marongiu, I., Seatzu, C. Improved position control of a linear reluctance servo drive 9582
Attaianese, C., Damiano, A., Marongiu, I., Seatzu, C., Perfetto, A. A nonlinear control of induction motor drive with rotor resistance variation 20142
Attaianese, C., Damiano, A., Marongiu, I., Seatzu, C., Perfetto, A. A model reference identification technique for induction motor drives 51731
Attaianese, C., Marongiu, I., Perfetto, A. A speed sensorless digitally controlled induction motor drive estimating rotor resistance variation 51712
Attaianese, C., Perfetto, A., Damiano, A., Marongiu, I. A direct torque control algorithm imposing the mechanical response of speed controlled induction motor drives 9607
Attainnese, C., Damiano, A., Locci, N., Marongiu, I., Perfetto, A. A dynamic solid state compensator on non-active energy 19187
Attal-Tretout, B. *see* Grisch, F. 3975
Attal-Tretout, B. *see* Picard, Y.J. 48995
Attali, D., Montanvert, A. Modeling noise for a better simplification of skeletons 57483
Attallah, S., Najim, M. A fast wavelet transform-domain LMS algorithm 15353
Attallah, S., Najim, M. Orthogonal wavelets and stochastic gradient-based algorithms 45765
Attas, E.M., Burton, G.R., Chen, J.D., Young, G.J., Hildingsson, L., Trepte, O. A nuclear fuel verification system using digital imaging of Cherenkov light 35336
Attema, E. *see* Noll, J. 18876
Atten, P., Boissy, C., Foulc, J.-N. Attraction force between slightly conducting spheres immersed in a dielectric liquid 23151
Atten, P., Koulova-Nenova, D. EHD instability of insulating liquids due to charge injection from the free surface 23226
Atten, P. *see* Boissy, C. 974
Atten, P. *see* Jen-Shih Chang 22187
Atten, P. *see* Lee, T.S. 23102
Atten, P. *see* Saker, A. 32744
Attenborough, K. *see* Schwarzacher, W. 43656
Atterton, P. *see* Brosio, A. 26856
Attia, J.O. Teaching electronics with MATLAB 20582
Attias, R., Colla, F., Poluzzi, R. Color classification and image enhancement using fuzzy logic 56802
Attivissimo, F. *see* Andria, G. 7519
Attivissimo, F. *see* Andria, G. 28962
Attolico, G. *see* Branca, A. 5576
Attolico, G. *see* Branca, A. 25312
Attolico, G. *see* Branca, A. 35018
Attolico, G. *see* Branca, A. 35149
Attolico, G. *see* Castellano, G. 5888
Attolico, G. *see* Stella, E. 27687
Attolini, G. *see* Gennari, S. 10839
Attolini, G. *see* Parente, F. 5910
Attridge, G.G. *see* Ford, A.M. 36825
Attwater, D.J. *see* Johnston, D. 46961
Attyia, A.M., El-Diwany, E.A., El-Hefnawi, F.M. Analysis of finite phased arrays of arbitrary-shaped linear microstrip antennas 24607
Atuki, T. *see* Ushikubo, M. 52750
Atutov, S.N., Bonazzi, F., Calabrese, R., Guidi, V., Lenisa, P., Petruio, S., Mariotti, E., Moi, L. Generation of a frequency comb with a sharp edge of adjustable intensity and frequency 3497
Atwater, H. *see* Im, S. 32135
Atwater, H.A. *see* Gang He 722
Atwater, H.A. *see* Murty, M.V.R. 52732
Atwater, T.B. *see* Jarvis, L.P. 61064
Atwood, E., Collins, E., Quinones, H. Area array interconnect reliability prediction using stochastically defined conditions 52227
Atwood, J.W., Catrina, O., Fenton, J., Strayer, W.T. Reliable multicasting in the Xpress transport protocol 57627
Atwood, M. *see* Smith, M. 33195
Atzeni, C., Demurtas, G., Massidda, L., Sanna, U. Performance of an array of tin dioxide-based ceramic sensors for CO and SO_2 selective detection 48734
Atzmon, Z. *see* Bair, A.E. 42692
Atzmon, Z. *see* Bair, A.E. 54430
Atzori, L., Dettori, P., Di Gregorio, M., Giusto, D.D. Transmission of hypertextual information using MPEG-2 private data 15642
Au, A. *see* Sayyah, K. 3475
Au, D.T.W., Fefferman, G.B., Kovacs, R.F., Rhodes, R.J., Rust, R.D., Feilchenfeld, N.B., Estes, T.A., Carhart, R.A., Connally, L.O., Murray, A.J. Process improvements for fine conductor formation 1810
Au, G., Higa, K., Ching Kwong Kwok, Cheng, A.Y.S. The development of telemedicine in Hong Kong 47243
Au, J.Aus der *see* Aus der Au, J.
Au, O.C. *see* Chi-Kong Wong 5151
Au, O.C. *see* Lam, K.H. 15042
Au, O.C. *see* Wong, C.-K. 25434
Au, O.C. *see* Yiu-Hung Fok 57085
Au, S., Leung, B.H. A 1.95-V, 0.34-mW, 12-b sigma-delta modulator stabilized by local feedback loops 41268
Au Kong Jin *see* Jin Au Kong
Aubel, D. *see* Simon, L. 30811
Aubert, A.E., Ramaekers, D., Cuche, Y., Lysens, R., Ector, H., Van de Werf, F. Effect of long term physical training on heart rate variability 28381
Aubert, B. *see* Lucidarme, O. 37641
Aubert, G. *see* Blanc-Feraud, L. 57269
Aubert, G. *see* Charbonnier, P. 25643
Aubert, G. *see* Kornprobst, P. 56886
Aubert, H. *see* Azizi, M. 24543
Aubert, H. *see* El-Kouhen, D. 4349
Aubert, H. *see* Neto, A.G. 45301
Aubert, J.-J. New detectors and experimental techniques 49320
Aubert, X. *see* Ortmanns, S. 56367
Aubert, X. *see* Young, S.J. 56368
Auberton-Herv, A.-J. *see* Cristoloveanu, S. 42302
Auberton-Herve, A. *see* Afanasev, V. 12596
Auberton-Herve, A.J. SOI semiconductor technology allows operation with 1 V supply 22991
Auberton-Herve, A.J. SOI: materials to systems 43333
Auberton-Herve, A.J., Bruel, M., Aspar, B., Maleville, C., Moriceau, H. Smart-Cut(R): the basic fabrication process for Unibond(R) SOI wafers 42607
Auberton-Herve, A.J. *see* Aspar, B. 42297
Auberton-Herve, A.J. *see* Lee, B.H. 21661
Auberton-Herve, A.J. *see* Maleville, C. 42291
Auberton-Herve, A.J. *see* Moriceau, H. 22554
Aubin, G., Montalant, T., Moulu, J., Pirio, F., Thomine, J.-B., Devaux, F. 40 Gbit/s OTDM soliton transmission over transoceanic distances 6852
Aubin, J. *see* Lesaint, O. 23236
Auble, R.L. *see* Olsen, D.K. 49153
Aublin, B. *see* Caillault, S. 16924

Aubon, C.R., Peters, N.R. Miniature long-life tactical Stirling cryocoolers for volume production 9740
Aubourg, M. *see* Charty, B. 33967
Aubourg, M. *see* Nigon, F. 53533
Aubrecht, I., Miler, M., Koudela, I. Tandem of surface relief holographic gratings as a multiple-beam splitter 24279
Aubrey, G.J. *see* Cohen, C.E. 60003
Aubrey, M.J. *see* Prakash, V. 37967
Aubrey, T.A. *see* Wang, J.-G. 58199
Aubrun, C. *see* Noura, H. 52373
Aubry, A., Chartier, P. On the structure of errors for Radau IA methods applied to index-2 DAEs 10526
Aubry, J.-F. *see* Sawicki, J.-P. 60899
Aubry, J.-F. *see* Zanne, C. 60700
Aubry, J.F. *see* Elmasri, A. 9343
Aubry, J.F. *see* Elmasri, A. 60907
Aubry-Fortuna, V. *see* Meyer, F. 12553
Aucalai, L. *see* Beauchamp, P.M. 59963
Auchterlonie, L.J., Fletcher, P.N., Hume, A.L. Measured and modelled scattering properties of simulated particles of granular and spongy hail at microwave and millimetre-wave frequencies 45136
Auciello, O., Krauss, A.R., Im, J., Gruen, D.M., Irene, E.A., Chang, R.P.H., McGuire, G.E. Studies of film growth processes and surface structural characterization of ferroelectric memory-compatible $SrBi_2Ta_2O_9$ layered perovskites via in situ, real-time ion-beam analysis 846
Auciello, O. *see* Gruverman, A. 2960
Auciello, O. *see* Thomas, D. 52674
Auciello, O. *see* Werner, S. 10899
Auckland, D.W., Chandraker, K., Shakanti, Z., Varlow, B.R. Degradation of oil-paper systems due to the electrical field enhanced absorption of water 43550
Auckland, D.W., Wenbin Su, Varlow, B.R. Non-linear fillers in electrical insulation 43523
Auckland, D.W. *see* Abder-Razzaq, M. 43510
Auckland, D.W. *see* Abdur-Razzaq, M. 43514
Auckland, D.W. *see* Argirakis, I. 23139
Auckland, D.W. *see* Argirakis, I. 43446
Auckland, D.W. *see* Pearce, J.M. 9085
Auckland, D.W. *see* Zinoulis, T. 23250
Auckland, D.W. *see* Zinoulis, T. 43549
Auclair, P.J. *see* Floyd, V.M., Jr. 36210
Aucoin, B.M. Content selection for a course in total quality management 9894
Aucoin, B.M., Russell, B.D. Challenges in technology development and commercialization: a case study of fallen power line detection 19371
Aucouturier, E., Dimarcq, N., Petit, P., Valentin, C., Weyers, S. The LHA 2D magneto-optical trap: on the way to a continuous beam of cold atoms 27369
Aucouturier, E. *see* Dudle, G. 48308
Aucouturier, J.L., Bonnaud, O., Dandrel, P., Robert, M. The French microelectronics training network 9860
Aucouturier, J.L. *see* Debeda, H. 36740
Aucouturier, J.L. *see* Tomas, J. 9893
Aude, J.S. *see* Knopman, J. 52953
Audebert, P. *see* Amiranoff, F. 17898
Audeh, M.D., Kahn, J.M., Barry, J.R. Decision-feedback equalization of pulse-position modulation on measured non-directed indoor infrared channels 6773
Audeh, M.D. *see* Narasimhan, R. 6772
Audeh, M.D. *see* Narasimhan, R. 16809
Audet, C. *see* Maryanski, M.J. 49831
Audet, D. *see* Jerominek, H. 17367
Audet, J., Belanger, L., Brouillette, G., Danovitch, D., Oberson, V. Low cost bumping process for flip chip 20909
Audet, Y., Chapman, G.H. Effects of scanning and biasing circuit restructuring on the response of a large area magnetic field sensor array 23057
Audet, Y., Chapman, G.H. Yield improvement of a large area magnetic field sensor array using redundancy schemes 36545
Audette, M. *see* Haykin, S. 16891
Audigier, D. *see* Eyraud, L. 13255
Audigier, D. *see* Eyraud, L. 32660
Audino, R. *see* Bocchi, C. 2319
Audisio, S. *see* Crottier-Combe, S. 38782
Audoin, C. *see* Laurent, P. 27221
Audoin, C. *see* Santarelli, G. 27279
Audoli, A. *see* Drommi, J.-L. 60673
Audoli, A. *see* Hudon, C. 9127
Audoly, C. *see* Guillaussier, P. 43594
Audoly, C. *see* Roche, D. 17321
Audoly, C. *see* Roche, D. 27477
Audouin, O. *see* Cardinal, S. 26783
Audouin, O. *see* Kolltveit, E. 16720
Aue, V. *see* Fettweis, G.P. 47756
Auen, K. *see* Vey, J.-L. 55765
Auer, E. Network security as an important element of Deutsche Telekom AG's supply 57719
Auer, E., Ramke, H.-W. Beefing up the access network–upgrading access networks for broadband applications now costs far less thanks to XpressLink D 16437
Auer, G., Thompson, J.S., Grant, P.M. Performance of antenna array transmission techniques for CDMA 47580
Auer, R., Schneider, R. Relationship between electrical transport and hole concentration in $YBa_2Cu_3O_{7-x}$ ultrathin films probed by electric fields 43746
Auer, R. *see* Knierim, A. 32900
Auer, T. *see* Hallikainen, M. 8400
Auer, T. *see* Schreier, G. 49735
Auer, T. *see* Schreier, G. 59571
Auer, U., Prost, W., Janssen, G., Agethen, M., Reuter, R., Tegude, F.J. A novel 3-D integrated HFET/RTD frequency multiplier 53681
Auer, U. *see* Bertenburg, R.M. 53047
Auer, U. *see* Umbach, A. 3650
Auer, U. *see* Umbach, A. 6867
Auer, U. *see* van Waasen, S. 47939
Auer, U. *see* Velling, P. 53476
Auerbach, A. *see* Prus, O. 22407
Auerbach, D., Yorke, J.A. Controlling chaotic fluctuations in semiconductor laser arrays 3818
Auerbach, J.M. *see* Van Wonterghem, B.M. 24047
Auerbach, V.M. *see* Widmayer, C.C. 23873
Auf Der Heide, F.Meyer *see* Meyer Auf Der Heide, F.
Auff, E. *see* Doppelbauer, A. 8080
Auff, E. *see* Muller, C. 8174
Auffray, E., Baccaro, S., Beckers, T., Benhammou, Y., Belsky, A.N., Borgia, B., Boutet, D., Chipaux, R., Dafinei, I., De Notaristefani, F., Depasse, P., Dujardin, C., El Mamouni, H., Faure, J.L., Fay, J., Goyot, M., Gupta, S.K., Gurtu, A., Hillemanns, H., Ille, B., Kirn, T., Lebeau, M., Lebrun, P., Lecoq, P., Mares, J.A., Martin, J.P., Mikhailin, V.V., Moine, B., Nelissen, J., Nikl, M., Pedrini, C., Raghavan, R., Sahuc, P., Schmitz, D., Schneegans, M., Schwenke, J., Tavernier, S., Topa, V., Vasil'ev, A.N., Vivargent, M., Walder, J.P. Extensive studies on CeF_3 crystals, a good candidate for electromagnetic calorimetry at future accelerators 37281
Auffray, E., Bouttet, D., Dafinei, I., Fay, J., Lecoq, P., Mares, J.A., Martini, M., Maze, G., Meinardi, F., Moine, B., Nikl, M., Pedrini, C., Poulain, M., Schneegans, M., Tavernier, S., Vedda, A. Cerium doped heavy metal fluoride glasses, a possible alternative for electromagnetic calorimetry 18084
Auffray, E. *see* Alexeev, G. 59200
Auffret, E. *see* Sandini, G. 26072
Auffret, R. *see* Tillerot, F. 16760
Auffret, R. *see* Tillerot, F. 26852
Aufinger, K. *see* Bok, J. 1726
Aufinger, K. *see* Treitinger, L. 13114
Aufinger, K. *see* Treitinger, L. 22952
Aufrichtig, R. *see* Wilson, D.L. 25650
Auge, J. *see* Hartmann, J. 17341
Auge, J. *see* Hollkott, J. 23415
Auger, F. *see* Chassande-Mottin, E. 45780
Augot, D. Normal bases and canonical rational form (over finite fields) 30616
Augousti, A.T. *see* Everington, M.L. 17409
Augousti, A.T. *see* Lemonnier, E. 52016
Augueres, J.L. *see* Cesarsky, C.J. 36548
Auguin, M. *see* Freund, L. 1326
Augusiak, A. Optimisation of IPP projects with gas turbines 19573
August, J., Siddiqi, K., Zucker, S.W. Fragment grouping via the principle of perceptual occlusion 5043
Augusteijn, M.F., Dimalanta, A.S., Newman, F.D. Texture measures and neural network technology applied to the diagnosis of certain lung diseases 18293
Augustin, E.P., Dunn, D.S., Posada, J.F., Sullivan, A. RADPAT: a new portable digital radiation pattern recording system 4344
Augustin, J.M. *see* Dugelay, S. 18912
Augustin, S., Bernhard, F. Numerical calculation of static and dynamic parameters of industrial temperature sensors 7259
Augustine, F.L. *see* Barber, H.B. 37663
Augustine, G. *see* Agarwal, A.K. 42044
Augustine, G. *see* Sinharoy, S. 21266
Augustine, J. *see* Chaudhary, A.K. 56728
Augusto, S. *see* Ferrero, U. 6366
Augusto, S. *see* Passeri, P. 47429
Augustyniak, P., Tadeusiewicz, R. Improve the quality of diagnostic parameters of an electronystagmogram using signal filtration in the time-frequency domain and adaptatively adjusted characteristics 37837
Aukett, R.J. *see* Klevenhagen, S.C. 18583
Aukland, J. *see* Yeargan, J. 20665
Aulagnier, E., Guillet, J., Seytre, G., Hantouche, C., Capitaine, F., Terzulli, G. Development of energy storage capacitors, based on $PVDF/BaTiO_3$ films 41547
Aulchenko, V.M., Baibusinov, B.O., Baldin, E.M., Bondar, A.E., Gaidarev, P.B., Kuzmin, A.S., Leontiev, L.A., Oreshkin, S.B., Ovechkin, R.P., Shwartz, B.A. Experience with CsI(Na) crystals for calorimetry 37250
Aulchenko, V.M., Baibusinov, B.O., Baru, S.E., Bondar, A.E., Filimonov, G.S., Kezerashvili, G.Ya., Kolachev, G.M., Milov, A.M., Muchnoj, N.Yu., Pogorelov, Yu., Purlatz, T.A., Romanov, L.V., Root, N.I., Shwartz, B.A., Sidorov, V.A., Titov, V.M., Zaitsev, D., Zhilich, V.N. Detector KEDR tagging system for two-photon physics 37214
Aulchenko, V.M., Barladyan, A.K., Bondar, A.E., Ganzhur, S., Kezerashvili, G.Ya., Klimenko, S.G., Krasnov, A., Kolachev, G.M., Malyshev, V.M., Maslennikov, A.L., Milov, A.M., Muchnoi, N.Yu., Onuchin, A.P., Panin, V.S., Peleganchuk, S.V., Pivovarov, S.G., Pogorelov, Yu.A., Pospelov, G.E., Romanov, L.V., Tikhonov, Yu.A., Yurchenko, V.I., Zhilich, V., Lanni, F., Palombo, F., Cantoni, P., Frabetti, P.L., Stagni, L., Manfredi, P.F., Re, V., Speziali, V. Liquid krypton calorimeter for KEDR detector and last prototype results 37243
Aulchenko, V.M., Bondar, A.E., Garmash, A.Yu., Ivanov, I.I., Karnaev, S.E., Kezerashvili, G.Ya., Klimenko, S.G., Kuzmin, A.S., Milov, A.M., Naumenkov, A.I., Muchnoi, N.Yu., Protopopov, I.Ya., Purlatz, T.A., Romanov, L.V., Root, N.I., Simonov, E.A., Shubin, M.A., Shwartz, B.A., Usov, Yu.V., Zhilich, V.N., Fukushima, M., Lee, M.H., Sagawa, H., Tamai, K., Hayashii, H., Ikeda, H., Miayabayashi, K., Kaneyuki, K., Oshima, Y. Study of the BELLE CsI calorimeter prototype with the BINP tagged photon beam 37247
Aulchenko, V.M. *see* Yudin, Yu.V. 37485
Auld, L.S. Managing the optical access network–the Fujitsu solution–FENS 3000 35657
Auleytner, J. *see* Klinger, D. 22507
Aulin, T. *see* Hansson, U. 6458
Aulombard, R.-L. *see* Gil, B. *(editor)* 20308
Aulombard, R.I. *see* Briot, O. 21272
Aulombard, R.L. *see* Aigouy, L. 22359
Aulombard, R.L. *see* Briot, O. 30839
Aulombard, R.L. *see* Briot, O. 54092
Aulombard, R.L. *see* Cloitre, T. 21241
Aulombard, R.L. *see* Laire, O. 10710
Aulombard, R.L. *see* Liaci, F. 22317
Ault, S.K., Lowry, M.E. A machine-vision based approach to low-cost optoelectronic packaging 23499
Aumala, O. Dithering with noise and interference for accurate data acquisition 17228
Aumala, O. Turning interference and noise into improved resolution 48382
Aumann, H.H., Overoye, K. The Atmospheric Infrared Sounder (AIRS) on the Earth Observing System: in-orbit radiometric and spectral calibration 38065
Aumann, T. *see* Grilli, M.L. 3937
Aumayr, G., Grillmayr, J., Schierenbeck, A. Use of multiprocessor machines in distributed network control systems 19139
Aumer, M.E. *see* McIntosh, F.G. 52697
Aune, B. *see* Garvey, T. 49193
Aung, W. *see* Cheng, C.-H. 30293
Aur, S. *see* Krishnan, S. 43031
Aur, S. *see* Nag, S. 42596
Aur, S. *see* Rodder, M. 43294
Aura, T. Practical invisibility in digital communication 24780
Auran, P.G. *see* Lagstad, P. 45789
Aurand, J.F. *see* Loubriel, G.M. 48125
Auray, M. *see* Gainey, T. 235
Aurbach, D., Markovsky, B., Ein-Eli, Y. Investigation of graphite-lithium intercalation anodes for Li-ion rechargeable batteries 9484
Aurbach, D. *see* Ein-Eli, Y. 51449
Aureli, G., Betti, S., Di Biase, V.C., Giaconi, M. Effect of clipping impulsive noise in a hybrid optical fibre/coaxial network for transmission of SCM (sub-carrier-multiplexing) video channels 47910
Aureli, G. *see* Passeri, P. 47414
Aurelle, N., Guyomar, D., Eyraud, L. Power limitations in acoustic transducer due to PZT material nonlinearities 13367
Aurenty, P., Lanet, V., Tessadro, A., Gandini, A. An apparatus for the characterization of the static and dynamic wettability of complex interfaces 48374
Auret, F.D. *see* Barnard, W.O. 12549
Auret, F.D. *see* Goodman, S.A. 42256
Auriga, D. Sensitivity of automatic track initiation algorithms on clutter 36209
Aurud, T. *see* Runde, M. 51426
Aus der Au, J., Kopf, D., Morier-Genoud, F., Moser, M., Keller, U. 60-fs pulses from a diode-pumped Nd:glass laser 55556
Aus der Au, J. *see* Keller, U. 55904
Ausherman, D.A. *see* Adams, G.F. 18660
Auslander, D. *see* Koppenhoefer, S. 57892
Auslander, D.M. *see* Ellis, W.S. 18476
Auslander, L., Meyer, Y. A generalized Poisson summation formula 24984
Auslender, A. Noncoercive optimization problems 10406
Ausloos, M. *see* Vandormael, D. 32812
Aussel, H. *see* Cesarsky, C.J. 36548
Aussem, A., Murtagh, F. Combining neural network forecasts on wavelet-transformed time series 52449
Aussenegg, F.R. *see* Gotschy, W. 874
Ausserlechner, U., Steiner, W., Kasperkovitz, P. Calibration of vibrating sample magnetometers independent of reference samples 17253
Aussoleil, E. *see* Aboubacar, A. 41758
Aust, J.A. *see* Amin, J. 14014
Aust, R. Mission planner evaluation in the mission reconfigurable cockpit 8701
Austerlitz, C. *see* Alvarez Romero, J.T. 7791
Austermeier, H., Hartmann, G., Hilker, R. Color-calibration of a robot vision system using self-organizing feature maps 15872
Austin, B. *see* Bhavnagarwala, A.J. 13131
Austin, B. *see* Bhavnagarwala, A.J. 13142
Austin, J. *see* Ndzi, D. 35918
Austin, M. *see* Swaminathan, K. 16470

Austin, P. *see* Patel, Y. 21493
Austin, P. *see* Sanchez, J.-L. 40895
Austin, P. *see* Sanchez, J.-L. 51171
Austin, R.A. *see* Gunji, S. 59358
Austin, R.A. *see* Ramsey, B.D. 37286
Austin, R.F. *see* Liou, K.-Y. 16746
Austin, S.J. *see* Hurd, D.L. 16910
Austin, S.J. *see* Souchail, J.L. 16939
Austin, W.L. *see* Murray, J.T. 14079
Auston, D.H. *see* Weling, A.S. 24195
Austruy, P. *see* Widmer, A.X. 26425
Autere, A. Comparison of genetic and other unconstrained optimization methods 21110
Auth, C.P., Plummer, J.D. Vertical, fully-depleted, surrounding gate MOSFETs on sub-0.1 μm thick silicon pillars 2695
Auth, C.P., Plummer, J.D. Scaling theory for cylindrical, fully-depleted, surrounding-gate MOSFET's 22851
Autin, B. Doublet final focus 17935
Autio, E. *see* Laamanen, T. 52084
Autran, J.-L. *see* Leray, J.-L. 32139
Autran, J.L., Chabrerie, C., Paillet, P., Flament, O., Leray, J.L., Boudenot, J.C. Radiation-induced interface traps in hardened MOS transistors: an improved charge-pumping study 22841
Autran, J.L. *see* Flament, O. 23013
Autric, J.M. *see* Pascazio, M. 36971
Autric, M. *see* Marine, W. 10900
Autric, M. *see* Nicolas, G. 40672
Autric, M. *see* Sassoli, H. 10867
Autrique, F. *see* Picand, F. 47328
Auvergne, D. *see* Daga, J.M. 1221
Auvergne, D. *see* Moraes, F. 13070
Auvergne, D. *see* Turgis, S. 22985
Auvert, G. *see* Boughaba, S. 10903
Auweraer, H.Van der *see* Van der Auweraer, H.
Auyeung, R.C.Y. *see* Chrisey, D.B. 10898
Auyeung, R.C.Y. *see* Horwitz, J.S. 40623
Auzinger, W., Frank, R., Kirlinger, G. Extending convergence theory for nonlinear stiff problems. I 10513
Auzinger, W., Frank, R., Stetter, H.J. Vienna contributions to the development of RK-methods 10527
Auzino, L., Cangiano, A. A new alignment technique for steppers: hybrid marks 42857
Avakian, H. *see* Rossi, P. 18092
Avalos, J. *see* Weisz, S.Z. 2068
Avalos, J.A., Agahdel, F. Known good die program implementation case study: Intel SmartDie™ products 366
Avalos-Borja, M. *see* Hirata, G.A. 55166
Avalos-Borja, M. *see* Hirata, G.A. 55416
Avanessian, A., Pankaj, R.K. Virtual path assignment in ATM networks 46832
Avanessian, J.V., Pankaj, R.K. Error-correcting routing algorithm for bidirectional de Bruijn topology based all-optical networks 48020
Avanesyan, R.R., Lazarev, Yu.P., Lugin, A.N., Tartakovskii, A.M. Investigation of the influence of boundary effects on the stability and TCR of thin-film resistors 31635
Avanesyan, R.R. *see* Tartakovskii, A.A. 40681
Avanesyan, V., Bordovskii, G., Potachov, S. The dielectric behaviour of PbO-Bi_2O_3 electret system at infralow frequencies 54866
Avanesyan, V., Bordovskii, G., Potachov, S. Electrical properties of Pb_3O_4 photoelectret layers 55393
Avaritsiotis, J.N. *see* Papadopoulos, C.A. 7476
Avaritsiotis, J.N. *see* Papadopoulos, C.A. 27720
Avaritsiotis, J.N. *see* Vlachos, D.S. 7469
Avaro, O. *see* Ghorbel, F. 5428
Avasthi, D.K. *see* Mehta, B.R. 31790
Avasthi, D.K. *see* Sharda, T. 21338
Avasthi, D.K. *see* Sreeramana Aithal, P. 55267
Avasthi, D.K. *see* Srivastava, P.C. 32063
Avbelj, V. *see* Trobec, R. 7860
Avdeev, A.D. Weak radiation condition in the problem of a plane wave diffraction by a wedge 45058
Avdienko, A.A., Ivakin, A.V. Ion source for VITUS industrial implanters 32154
Aven, T. *see* Haukas, H. 20998
Avendano, C., Hermansky, H., Vis, M., Bayya, A. Adaptive speech enhancement using frequency-specific SNR estimates 45674
Avent, B.L. *see* Froehlich, K. 50631
Avent, B.L. *see* Froehlich, K. 50645
Avent, R.K. *see* Ybarra, G.A. 26944
Averback, R.S., Ghaly, M., Zhu, H., Caturla, M.J., Marques, L., Diaz de la Rubia, T. Surface effects during ion beam processing of materials 12659
Averbakh, A., Shauly, A., Nir, A., Semiat, R. Slow viscous flows of highly concentrated suspensions. I. Laser-Doppler velocimetry in rectangular ducts 59085
Averbakh, I., Berman, O. Bottleneck Steiner subnetwork problems with k-connectivity constraints 21073
Averboukh, A.B. *see* Polisski, G. 42489
Averbuch, A. *see* Pikaz, A. 5241
Averbuch, A. *see* Pikaz, A. 35270
Averbukh, B.Y., Beregulin, E.V., Ivanov, S.V., Kop'ev, P.S., Yaroshetskii, I.D. Fast submillimeter-range photoconductivity in the 2D electron gas at the GaAs-AlGaAs heterointerface 12332
Averett, T.M. *see* Krishnan, K.S. 43957
Averin, S., Sachot, R., Hugi, J., de Fays, M., Ilegems, M. Time response analysis of GaInAs MSM photodiode structures 13853
Averkiev, N.S., Kapitonova, L.M., Lebedev, A.A., Lebedev, A.A. Frequency dependence of the capacitance of structures based on porous 6H-SiC 12516
Averkiev, N.S., Kapitonova, L.M., Lebedev, A.A., Remenyuk, A.D., Smirnova, N.N., Shik, A.Ya. Frequency dependence of the capacitance of structures based on porous silicon 32098
Averous, M. *see* Aigouy, L. 22359
Averous, M. *see* Di Blasio, M. 22363
Aversa, C. *see* Keay, B.J. 2200
Avery, A.R., Sudijono, J.L., Jones, T.S., Joyce, B.A. Site occupation of Si atoms deposited on vicinal GaAs(001)-(2×4) surfaces 2039
Avery, A.R. *see* Sudijono, J.L. 765
Avery, J., Kimes, K., Custard, P., Fraas, L., Piszczor, M., O'Neill, M. High efficiency line-focus photovoltaic receivers using optical secondaries for radiation resistance 37988
Avery, J. *see* Lightner, M. 20668
Avery, J.P. *see* Piket-May, M.J. 20555
Avery, J.P. *see* Valentic, T.A. 18854
Avery, J.P. *see* Valentic, T.A. 60058
Avery, L.R., Sarnoff, D. Device level ESD testing standards 44919
Avery, L.W. User portability in open systems 60178
Avery, S. *see* Coggins, R. 37876
Avery, S.K. *see* Chang, J.L. 60051
Avery, S.K. *see* Valentic, T.A. 18854
Avery, S.K. *see* Valentic, T.A. 60058
Avery, W.H. *see* MacKenzie, J.J. 28989
Avetissian, Yu.H. *see* Kocharian, K.N. 11660
Avgustinovich, S.V., Solov'eva, F.I. On the nonsystematic perfect binary codes 45608
Avgutsevich, B.I. *see* Grigulis, Yu.K. 20834
Avila, A.F. *see* Mohan, R.V. 8225
Avila, F. *see* Sebastian, P.J. 43882
Avila, J. *see* Mascaraque, A. 54243
Avila, J.L. *see* Suaste, E. 37846
Aviles, C.D., Miane, J.L. Improvement on the "coaxial to circular waveguide transition" method for complex permittivity measurements 17743
Aviles, D. *see* Lopez, S. 17149
Avilov, M.S. *see* Aleksandrov, A.V. 49205
Avis, D., Bremner, D. Large convex hull problems 445
Avis, N.J., Lindow, S.W., Kleinermann, F. In vitro multifrequency electrical impedance measurements and modelling of the cervix in late pregnancy 18452
Avis, N.J. *see* Kleinermann, F. 18449
Avitabile, G., Cidronali, A., Manes, G. S-band digital downconverter for radar applications based on a GaAs MMIC fast sample-and-hold 16901
Avitabile, G., Cidronali, A., Vannini, G., Manes, G. Multifinger effect in a GaAs FET distributed large signal CAD model 41464
Avitabile, G.F., Cidronali, A. GaAs MMIC switch for high speed applications 53651
Avitall, B. *see* O'Hara, M. 59678
Avjian, K.E. *see* Alexsanian, A.G. 31960
Avlonitis, A. *see* Chambers, J. 34761
Avnaim, F., Boissonnat, J.-D., Devillers, O., Preparata, F.P., Yvinec, M. Evaluation of a new method to compute signs of determinants 40192
Avni, H. *see* Tsach, S. 58127
Avny, Y. *see* Noach, S. 17621
Avrahami, Y., Zolotoyabko, E. Structural modifications in He-implanted waveguide layers of $LiNbO_3$ 33054
Avrakhov, P.V. *see* Dolbilov, G.V. 37044
Avram, M., Neagoe, O., Simion, M. Fabrication and improvement of polysilicon microdynamic gear wheels system 43403
Avram, M. *see* Neagoe, O. 48480
Avramescu, V. *see* Muller, A. 41505
Avramopoulos, H. *see* Ciarrocca, M. 44497
Avramov, I.D., Mei Suohai, Liu Wen Longitudinal mode behaviour in surface transverse wave two-port resonators 13389
Avramov, I.D., Suohai, M. Surface transverse waves exceed the material Q limit for surface acoustic waves on quartz 3019
Avramov-Zamurovic, S., Zimmerman, N.M., Clark, A.F., Jeffery, A. Proposed tests to evaluate the frequency-dependent capacitor ratio for single electron tunneling experiment 27251
Avramov-Zamurovic, S. *see* Oldham, N. 27349
Avramov-Zamurovic, S. *see* Oldham, N. 27492
Avrillon, S., Ikeda, H., Matsuda, T., Saitoh, Y., Inoue, M., Yamanaka, J. Preliminary test results from a single-sided two-dimensional detector using pMOS pixels 37342
Avrillon, S., Perret-Gallix, D., Ikeda, H., Matsuda, T., Asano, Y., Tsuchiya, S., Saitoh, Y., Inoue, M., Yamanaka, J. Simulation and first beam test of a single-sided two-dimensional detector using pMOS pixels 59250
Avrillon, S. *see* Miyata, H. 37384
Avrillon, S. *see* Senyo, K. 37386
Avrin, W.F. *see* Kumar, S. 13514
Avrutin, E.A., Arnold, J.M., Marsh, J.H. Analysis of locked and unlocked dynamics of a passively mode locked laser diode under external periodic excitation 14100
Avrutin, E.A., Marsh, J.H., Arnold, J.M. Modelling of semiconductor laser structures for passive harmonic mode locking at terahertz frequencies 23893
Avrutin, E.A. *see* Camacho, F. 23894
Avrutin, E.A. *see* Camacho, F. 55664
Avrutin, E.A. *see* Lamond, C. 23895
Avrutin, V.S., Vyatkin, A.F., Matveeva, L.A., Pustovit, A.N. Relaxation of pseudomorphic $Si_{1-x}Ge_x$ buffer layers of various thickness 30741
Avrutskii, I.A., Dianov, E.M., Zvonkov, B.N., Zvonkov, N.B., Malkina, I.G., Maksimov, G.A., Uskova, E.A. Semiconductor lasers with tunnel-coupled waveguides emitting at the wavelength of 980 nm 44545
Avset, B.S. Evaluation of silicon diodes made on a variety of high-resistivity phosphorus-doped substrates 32362
Avset, B.S. Metastable hole traps in high-resistivity silicon 41827
Avtukh, A.S., Zhavoronkov, N.I., Mikhailov, V.P. Efficient chromium-doped forsterite laser with gain switching 44433
Avudainayagam, K.V., Nayagam, S.C. Two-grating diffraction and Lau effect under laser illumination 55785
Aw, C.H., Wooley, B.A. A 128×128-pixel standard-CMOS image sensor with electronic shutter 17539
Awa, S. *see* Ohshima, Y. 18083
Awad, M.M. *see* El-Sayed, M.M. 19409
Awad, R. *see* Parpal, J.-L. 19343
Awad, R. *see* Parpal, J.-L. 50588
Awada, A., Leon, L.J. A model to study the relationship between the T-wave and recovery time 49738
Awadalla, K.H. *see* Balinacy, A.I. 56159
Awadelkarim, O.O. *see* Jiang, J. 22455
Awadelkarim, O.O. *see* Salah, A. 22802
Awadelkarim, O.O. *see* Suntharalingam, V. 12949
Awadelkarim, O.O. *see* Trabzon, L. 12937
Awadelkarim, O.O. *see* Trabzon, L. 32393
Awai, I. *see* Chuandong Zhao 11652
Awai, I. *see* Yan, H. 43726
Awaji, N. *see* Sugita, Y. 2371
Awaji, S. *see* Goto, T. 32886
Awaji, S. *see* Han, G.C. 43743
Awaji, S. *see* Miura, S. 4206
Awaji, S. *see* Watanabe, K. 3301
Awaji, S. *see* Watanabe, K. 3302
Awaji, S. *see* Watanabe, K. 13520
Awaji, S. *see* Watanabe, K. 43842
Awaji, Y. *see* de Labachelerie, M. 27371
Awaka, J., Kumagai, H., Iguchi, T., Okamoto, K. Development of an algorithm for classifying rain types 28638
Awaka, J. *see* Okamoto, K. 28636
Awamura, D. *see* Fujita, H. 22657
Awamura, D. *see* Kusunose, H. 22685
Awamura, D. *see* Takizawa, H. 22656
Awamura, N. *see* Fujita, H. 22657
Awamura, N. *see* Kusunose, H. 22685
Awamura, N. *see* Takizawa, H. 22656
Awang, Z. *see* Arscott, S. 41506
Awano, H., Ohnuki, S., Shirai, H., Ohta, N., Yamaguchi, A., Sumi, S., Torazawa, K. Magnetic domain expansion readout for amplification of an ultra high density magneto-optical recording signal 23354
Awano, T., Maekawa, H., Sakai, A., Terasaki, H. Remote welding on the pipe assembly in the large cell 50744
Awano, Y., Sakuma, Y., Sugiyama, Y., Sekiguchi, T., Muto, S., Yokoyama, N. InGaAs-GaAs tetrahedral-shaped recess quantum dot (TSR-QD) technology 22393
Awata, H. An integrated home environment system 20225
Awatade, M.N., Balwe, T.K., Achalya, G.N. Improved techniques for in-situ monitoring and control of pH in the cane sugar manufacturing process 27507
Awataguchi, H., Uriu, Y., Koyanagi, F. The experiments of optimal control of generator based on simplified model 19685
Awater, G.A., Kruys, J. Wireless ATM – an overview 47086
Awaya, N., Kobayashi, T. Self-aligned passivation technology for copper interconnection using copper-aluminum alloy 54526
Awazu, K. *see* Onuki, H. 59117
Awduche, D.O., Ganz, A., Gaylord, A. An optimal search strategy for mobile stations in wireless networks 47788
Awerbuch, B., Azar, Y., Fiat, A., Leonardi, S., Rosen, A. On-line competitive algorithms for call admission in optical networks 16800
Awerbuch, B., Patt-Shamir, B., Varghese, G. Self-stabilizing end-to-end communication 46710
Awerbuch, B. *see* Afek, Y. 35494
Awerbuch, B. *see* Andrews, M. 5871
Aweya, J., Orozco-Barbosa, L., Yeap, T. A dynamic token allocation scheme for flow control in ATM multiplexers 46702
Awschalom, D.D. *see* Gider, S. 3097
Awschalom, D.D. *see* Harris, J.G.E. 2858
Awwal, A.A.S. *see* Ahmed, F. 56669
Awwal, A.A.S. *see* Iftekharuddin, K.M. 15831
Awwal, A.A.S. *see* Michel, H.E. 3510
Axel, L. *see* Gai, N. 49467
Axelevitch, A. *see* Golan, G. 1956
Axelrad, P., Behre, C.P. Attitude estimation algorithms for spinning satellites using global positioning system phase data 28499

Axelrad, P., Ward, L.M. Spacecraft attitude estimation using the Global Positioning System: Methodology and results for RADCAL 18606
Axelrad, P. *see* Solomon, S.C. 60062
Axelrad, V. *see* Bernard, D. 2516
Axelrod, B. *see* Chudnovsky, V. 51845
Axelrod, N.N. *see* Ballangrud, A.M. 58666
Axelsson, J. A portable model for predicting the size and execution time of programs 41203
Axelsson, L. *see* Karlsson, N. 34989
Axelsson, O. The stabilized V-cycle method 539
Axelsson, O., Hakopian, Y.R., Kuznetsov, Y.A. Multilevel preconditioning for perturbed finite element matrices 40269
Axelsson, O., Layton, W. A two-level method for the discretization of nonlinear boundary value problems 21160
Axelsson, O., Neytcheva, M., Polman, B. The bordering method as a preconditioning method 537
Axford, N.R. *see* Sharma, A. 9928
Axford, R.A., Jr., Milstein, L.B., Zeidler, J.R. A dual-mode algorithm for blind equalization of QAM signals: CADAMA 5698
Axness, T.A., Coffman, R.V., Kopp, B.A., O'Haver, K.W. Shared aperture technology development 4388
Axon, C.J. *see* Shreter, Yu.G. 12269
Aya, I. *see* Takamasa, T. 50727
Aya, S. *see* Marumoto, K. 22678
Aya, S. *see* Marumoto, K. 31263
Ayache, N. *see* Bardinet, E. 59385
Ayache, N. *see* Canu, D. 57305
Ayache, N. *see* Feldmar, J. 59390
Ayache, N. *see* Gilles, S. 15990
Ayache, N. *see* Nastar, C. 8022
Ayache, N. *see* Subsol, G. 18292
Ayache, N. *see* Subsol, G. 18392
Ayad, B., Faucon, G., Le Bouquin-Jeannes, R. Optimization of a noise reduction preprocessing in an acoustic echo and noise controller 15015
Ayad, B. *see* Le Bouquin Jeannes, R. 34636
Ayadi, F., Rusch, L.A. Coherent optical CDMA with limited phase excursion 26855
Ayadi, K., Arekion, J., Kieffer, J.P., Baudonin, M. A simulation approach for the scheduling of a complex manufacturing system 39742
Ayadi, K., Bickel, G., Kuijk, M., Heremans, P., Borghs, G., Vounckx, R. A hybridized optical thyristor–CMOS receiver for optoelectronic applications 58379
Ayadi, K., Heremans, P., Kiujk, M., De Tandt, C., Borghs, G., Vounchx, R. Synchronous optical detection unmasked 33313
Ayadi, K., Kuijk, M., Heremans, P., Bickel, G., Borghs, G., Vounckx, R. A monolithic optoelectronic receiver in standard 0.7-μm CMOS operating at 180 MHz and 176-fJ light input energy 23706
Ayadi, K. *see* Heremans, P. 44317
Ayaki, T., Obata, K., Tominaga, H. Communication among mobile terminals controlled in equally distributed manner 35976
Ayala-Schueneman, M.de Jesus *see* de Jesus Ayala-Schueneman, M.
Ayandeh, S., Yan, J. New resource allocation schemes for SONET/SDH long haul element management networks 35636
Ayano, H. *see* Ogasawara, S. 29675
Ayano, H. *see* Ogasawara, S. 39266
Ayanoglu, E., Eng, K.Y., Karol, M.J., Liu, Z., Pancha, P., Veeraraghaven, M., Woodworth, C.B. Mobile Information Infrastructure 47542
Ayanoglu, E., Pancha, P., Reibman, A.R., Talwar, S. Forward error control for MPEG-2 video transport in a wireless ATM LAN 47087
Ayanoglu, E., Pancha, P., Reibman, A.R., Talwar, S. Forward error control for MPEG-2 video transport in a wireless ATM LAN 57958
Ayanoglu, E. *see* Karasan, E. 36160
Ayari, B. *see* Ben-Hamida, N. 1516
Ayazi, F. *see* Selvakumar, A. 48486
Aybar, H.S. Reliability assessment for a steam-driven jet injector for the IS-BWR design 19481
Aycock, C. *see* Chen, P.M. 1337
Aydemir, B., Tanzini, J. An ATM network-view model for integrated layer-network management 35752
Aydemir, M., Viniotis, Y. Deterministic algorithm for VP assignment in ATM networks 25969
Aydil, E.S. *see* Han, S.M. 40543
Aydil, E.S. *see* Tretheway, D. 12763
Aydin, B., Hizal, A. Radiation of dipoles in multilayered cylinder with ferrite layer 34329
Aydin, H., Dryfuse, M.W., Tabib-Azar, M. The influence of interface traps on the high frequency and high temperature performance of SiC field effect transistors 42996
Aydin, K., Chengxian Tang Millimeter wave radar scattering from model ice crystal distributions 28631
Aydin, O., Hizal, A. Radiation characteristics of slot excited cylindrical antenna coated by layered anisotropic material 4332
Aydin Alatan, A., Onural, L. Joint estimation and optimum encoding of depth field for 3-D object-based video coding 57456
Aydinli, A. *see* Bairamov, B.H. 3745
Aydinli, A. *see* Gasanly, N.M. 42024
Aydinlik, S. *see* Vertiy, A.A. 11661
Aydinoglu, H., Hayes, M.H., III Performance analysis of stereo coding algorithms 25404
Aydinoglu, H., Hayes, M.H., III. Multi-view image coding using local orthogonal bases 56633
Aydogdu, M., Ozcan, O. Effect of magnetic declination on refractive index and wave polarization coefficients of electromagnetic waves in mid-latitude ionosphere 14605
Ayela, G. *see* Terre, T. 50200
Ayers, J.E. *see* Bao, K.X. 40470
Ayers, L. *see* Horner, A. 45929
Ayesh, A., Abu-Shama, J., Ahmad-Bitar, R.N. Effect of heat and $CdCl_2$ treatment on the structure and photoluminescence of CdTe/CdS thin films 22303
Ayeva, B. *see* Chauveau, N. 18441
Aygolu, U. *see* Altunbas, I. 56349
Aygun, K., Weile, D.S., Michielssen, E. Design of multilayered periodic strip gratings by genetic algorithms 31479
Aykanat, C. *see* Dasdan, A. 52992
Aykin, N. *see* Lund, A. 57702
Ayliffe, M.H. *see* Plant, D.V. 13894
Ayliffe, M.H. *see* Plant, D.V. 55473
Ayliffe, M.H. *see* Rolston, D.R. 3662
Ayliffe, M.H. *see* Rolston, D.R. 33325
Aylor, J.H. *see* Salman, Z.K. 18208
Aymard, N., Feliachi, M., Paya, B. An improved modified surface impedance for transverse electric problems 44909
Aymeric, B. *see* Leger, A. 18651
Aymerich, X. *see* Nafria, M. 13209
Aymerich, X. *see* Sune, J. 2729
Ayo, F., Jafarian, B., Aghvami, A.H. A medium access control protocol for wireless ATM LAN based on polling 47045
Ayoung-Chee, N., Dudek, G., Ferrie, F.P. Enhanced 3D representation using a hybrid model 5129
Ayra, V. *see* Huston, D.R. 20152
Ayral, J.-L. *see* Hamoir, D. 14375
Ayre, C. *see* Brundle, C.R. 43178
Ayres, D.S. *see* Allison, W.W.M. 37269
Ayres, G. Running NPPs up to 50 years: economics and technology 50723
Ayres, G. *see* Podlesak, T.F. 33887
Ayres, J.R. *see* Brotherton, S.D. 12987
Ayrulu, B., Barshan, B., Erkmen, I., Erken, A. Evidential logical sensing using multiple sonars for the identification of target primitives in a mobile robot's environment 27092
Ayton, P., Hardman, D.K. Understanding and communicating risk: a psychological overview 20742
Aytug, H., Bhattacharrya, S., Koehler, G.J. A Markov chain analysis of genetic algorithms with power of 2 cardinality alphabets 10404
Aytur, O. *see* Kartaloglu, T. 55828
Aytur, O. *see* Kartaloglu, T. 55872
Aytur, O. *see* Ozbay, E. 58754
Ayukawa, K. *see* Watanabe, T. 1388
Ayusawa, K. *see* Arai, T. 13407
Ayuso, X. *see* Salembier, P. 25384
Ayuyan, A.G. *see* Lileev, A.S. 3149
Ayyad, A.M. *see* Hassan, A.A.M. 19633
Ayyadi, M.El *see* El Ayyadi, M.
Ayyangar, K.M. *see* Sen, A. 37917
Ayyaswamy, P.S. *see* Jog, M.A. 10119
Ayzatsky, M.I., Biller, E.Z. Development of inhomogeneous disk-loaded accelerating waveguides and RF-coupling 37116
Ayzatsky, M.I., Biller, E.Z., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V.V., Reprintzev, L.V., Stepin, D.L. Operating performances and current status of the Laser Injector Complex Facility (LIC) 37115
Azad, A.K., Misra, R.B. A new approach to evaluate reliability and production cost of a power generating system 19092
Azad, A.K.M. *see* Azzi, D. 51633
Azad, H., Aghvami, A.H., Chambers, W.G. Performance of multi-rate broad band CDMA in a fading channel using multi-user/multi-path interference approximation 6624
Azais, F. *see* Renovell, M. 2768
Azakami, M. *see* Seino, H. 20159
Azam, A. *see* Papageorgiou, N. 20032
Azami, A. *see* Faiz, J. 50958
Azancot, I., Krone, R.J., Eiferman, C., Guermonprez, H., LeDref, O., Bonan, R., Friolo, S., Beaufils, P. Electronic image archiving in the catheterization laboratory: multicenter comparison of enhanced optical storage with 1024^2 digital and 35 mm cinefilm 37654
Azanov, I.B., Alexandrov, V.A., Obydennikov, S.S., Tyutin, V.K., Khrustalev, M.M., Yudas, V.I. Macroparticle launch velocity control in rail accelerators 28543
Azar, B. *see* Farah, J. 9553
Azar, Y. *see* Awerbuch, B. 16800
Azarbayejani, A., Pentland, A. Real-time self-calibrating stereo person tracking using 3-D shape estimation from blob features 5634
Azarenkov, N.A., Girka, V.O., Sporov, A.E. Surface cyclotron waves in planar metal waveguides with plasma filling 4273
Azcarate, I.N., Mugherli, V.J. Behaviour of a lead collimator for a gamma-ray telescope exposed to gamma radiation in the energy range 1-100 MeV 37409
Azcondo, F.J. *see* Casanueva, R. 41201
Azcorra, A. *see* Quemada, J. 26337
Azdasht, G., Kasulke, P., Zakel, E., Reichl, H. The use of the FPC-laser method for different chip interconnection techniques 12811
Azdasht, G., Zakel, E., Reichl, H. A new chip packaging method using windowless flip-TAB laser connection on flex substrate 22091
Azechi, M. *see* Yamanashi, M. 39232
Azeemi, A. *see* Hao Ying 28200
Azema, P. *see* Dagues, B. 61177
Azemard, N. *see* Turgis, S. 22985
Azemi, A. Using multimedia courseware in engineering education 20489
Azemi, A., Stook, C. Utilizing MATLAB in undergraduate electric circuits courses 20580
Azemoon, T. *see* Adam, A. 37280
Azencott, R., Coldefy, F., Younes, L. A distance for elastic matching in object recognition 5140
Azencott, R., Durbin, F., Paumard, J. Multiscale identification of buildings in compressed large aerial scenes 5665
Azencott, R., Durbin, F., Paumard, J. Robust recognition of buildings in compressed large aerial scenes 57441
Azencott, R., Jia-Ping Wang, Younes, L. Texture classification using windowed Fourier filters 46076
Azeredo Leme, C., Fernandes, L., Franca, J. Programmable IIR filter using bitstream processing 53430
Azevedo, F.M.de *see* de Azevedo, F.M.
Azevedo, J. *see* Sorin, C. 46959
Azevedo, M.M.P.De *see* De Azevedo, M.M.P.
Azevedo, S., McEwan, T.E. Micropower impulse radar 58441
Azevedo, S. *see* Rossi, M. 31003
Azevedo Marques, P.M. *see* Marques, M.A. 37707
Azevedo Marques, P.M. *see* Oliveira, H.J.Q. 37708
Azevedo Marques, P.M.de *see* de Azevedo Marques, P.M.
Azhari, H., Denisova, O.E., Montag, A., Shapiro, E.P. Circular sampling: perspective of a time-saving scanning procedure 37625
Azhari, H. *see* Lessick, J. 18300
Azim, S. *see* Dietz, D.R. 28199
Azimi, H.R., Pearson, R.A., Lloyd, T.B. Fundamentals of adhesion: the utility of three-liquid probe method [packaging] 249
Azimi, H.R. *see* Pearson, R.A. 39782
Azimi-Sadjadi, M.R. *see* Hasan, M.A. 4698
Azimi-Sadjadi, M.R. *see* Shaikh, M.A. 18836
Aziz, A.A., Missous, M. InGaP/InGaAs/GaAs pseudomorphic HEMT grown by solid source MBE 54697
Aziz, E., Kanev, Z., Barboucha, M., Maimouni, R., Staroswiecki, M. An ultrasonic flowmeter designed according to smart sensors concept 7677
Aziz, M.A. Pathset enumeration of directed graphs by the set theoretic method 40083
Aziz, M.A., El-Banna, M. A modified charge-control model for HEMTs 54700
Aziz, M.E.A., Salam, F.W.A., Talat, M.H., Helal, A.G., El-Khabeary T., H., El-Merai, N.T. Technological and physical aspects of a constricted RF ion source 59186
Aziz, M.M.Abdel *see* Abdel Aziz, M.M.
Aziz, T. *see* Adam, A. 37280
Aziz Mohamed, D.Abd El *see* Abd El Aziz Mohamed, D.
Azizan, M. *see* Debbagh, F. 917
Azizi, A. *see* Celka, P. 11712
Azizi, M., Boussouis, M., Aubert, H., Baudrand, H. A three-dimensional analysis of planar discontinuities by an iterative method 24543
Azizi-Ghannad, S., Nelson, J.K. An automated system for measurement of partial discharges in HV generator insulation utilizing a conventional oscilloscope 9179
Azizi-Ghannad, S. *see* Nelson, J.K. 38699
Azizoglu, M. *see* Hongsik Choi 26881
Azizov, E.A. *see* Krasilnikov, A.V. 37524
Azkargorta, J., Iparraguirre, I., Balda, R., Fernandez, J. $Cr^{3+}\rightarrow Nd^{3+}$ energy transfer and Nd^{3+} laser action studies of $La_3Ga_5SiO_{14}:Cr^{3+},Nd^{3+}$ co-doped crystal 33464
Azmani, A. *see* Kubiak, P. 21063
Azmanov, Z. *see* Fried, R. 11622
Azmeida, D. *see* Wong, S. 59658
Aznarez, J.A. *see* Larruquert, J.I. 23640
Azorin, J., Gutierrez, A. A new ESR dosimeter based on tris(hydroxymethyl)aminomethane 28480
Azorsky, N.I. *see* Dolbilov, G.V. 37044
Azoubib, J. *see* Thomas, C. 27207
Azoulay, J. *see* Lapsker, I. 2556
Azoulay, R. *see* Jeannes, F. 24133
Azoulay, R. *see* Jeannes, F. 33667
Azouz, A. *see* Stelmakh, N. 55625
Azra, M. *see* Boscheron, A.C.L. 14379
Azrak, M.J. *see* Perera, A.H. 32175
Azuhata, T. *see* Chichibua, S. 12502
Azuma, A. *see* Takagi, M.T. 43276
Azuma, H. *see* Sato, T. 44534
Azuma, K. *see* Ise, H. 10061
Azuma, S. *see* Matsuda, T. 50489
Azuma, S.-I. *see* Fujimura, N. 759
Azuma, T., Ohiwa, T., Okumura, K., Farrell, T., Nunes, R., Dobuzinsky, D., Fichtl, G., Gutmann, A. Impact of reduced resist thickness on deep ultraviolet lithography 32282

Azuma, T., Sato, T. Thin film interference effects in an off-axis illumination system 42849
Azuma, T. *see* Saito, T. 61304
Azumi, J.-I. *see* Sakatsu, T. 12018
Azumi, R. *see* Itoh, T. 43362
Azuru, N. *see* Senturia, S.D. 54842
Azusawa, N. *see* Hombu, M. 60698
Azzam, R.M.A. Recent developments of division-of-amplitude photopolarimeters 58747
Azzam, R.M.A. *see* Mahmoud, F. 54955
Azzerboni, B. *see* Angeli, M. 24393
Azzi, D., Loveday, D.L., Azad, A.K.M., Virk, G.S. Multivariable modelling for building energy management 51633
Azzi, D., Virk, G.S. Wireless temperature sensing for building management systems 39432
Azzi, P., Bacchetta, N., Bolla, G., Glenzinski, D., Haber, C., Incandela, J., Kajfasz, E., Peters, M.D., Shaw, N.M., Snider, F.P., Spalding, J., Spiegel, L., Stuart, D. Radiation damage experience at CDF with SVX' 37390
Azzopardi, D., Holding, D.J., Genovese, G. Object oriented Petri net synthesis for modelling a semiconductor testing plant 52168
Azzouz, E.E., Nandi, A.K. Procedure for automatic recognition of analogue and digital modulations 4429
Azzouz, E.E., Nandi, A.K. Automatic modulation recognition. I 34508
Azzouz, E.E., Nandi, A.K. Automatic modulation recognition. II 34509
Azzouz, E.E. *see* Nandi, A.K. 56248

B., M.A.Torres *see* Torres B., M.A.
B. Oliveria-Neto, L.de *see* de B. Oliveria-Neto, L.
Ba, A.O., Olivier, G. Theoretical study of the subsynchronous cascade [variable speed drive] 20131
Ba, A.O. *see* El Kahel, M. 19855
Ba In-Joong *see* In-Joong Ba
Ba-Maung, I. *see* Farnham, R. 38612
Ba-Zhong Shen, Tzeng, K.K., Chun Wang A bounded-distance decoding algorithm for binary linear block codes achieving the minimum effective error coefficient 24707
Baab, J. *see* Sperner, A. 19860
Baack, C. Trends of photonic communications networks 6856
Baacke, P., Bagnasco, E. Survey on pan-European TMN-Experiments and Field Trial Support 35596
Baacke, P. *see* Bagnasco, E. 46935
Baake, B., Polchen, U., Michler, W., Boller, G. New systems of control technology for the group switching controls of PreussenElektra 19137
Baaliouamer, M., Belaragueb, C., Mazed, D. Gas gain measurement in helium-isobutane mixtures filled-proportional counters 37366
Baars, J., Keller, R.C., Richter, H.J., Seelmann-Eggebert, M. The effect of CH_4-H_2 ECR plasma etching on the electrical properties of p-type $Hg_{1-x}Cd_xTe$ 42425
Baars, J., Littler, C.L., Brink, D., Bruder, M. Magnetophonon oscillations in the transverse and longitudinal magnetoresistance of $Hg_{1-x}Cd_xTe$ 1996
Baars, S.P.D. *see* Yu, D.G. 22567
Baartman, R. *see* Bricault, P.G. 49093
Baas, B.M. An energy-efficient single-chip FFT processor 1478
Baas, S.M., Cerdeira, J.O. Minimum cost K-forest covers 441
Bab-Hadiashar, A., Suter, D. Robust optic flow estimation using least median of squares 56784
Baba, A. *see* Ando, S. 2915
Baba, A. *see* Masuda, Y. 2924
Baba, A. *see* Masuda, Y. 23181
Baba, E. *see* Yokozuka, T. 29308
Baba, H., Satoh, K., Miura, A., Matsunaga, N., Matsumoto, H., Shinohara, K., Katoh, S., Kamino, Y., Noguchi, T., Hisanaga, N. Development of 700 pps high-duty-cycle line-type pulse modulator 49065
Baba, H. *see* Tokizawa, H. 34637
Baba, K. Three-dimensional ultrasound in prenatal diagnosis 7941
Baba, K., Ishihara, H. Development of air-cooled krypton/argon laser 33373
Baba, K. *see* Suzuki, Y. 20244
Baba, M. *see* Asada, N. 7405
Baba, M. *see* Fujita, S. 43541
Baba, M. *see* Matsuyama, S. 37452
Baba, M.D. *see* Ekiz, H. 57911
Baba, M.D. *see* Kutlu, A. 47067
Baba, N., Ichise, N., Watanabe, S. Experimental study on the synthesis of a tilt-azimuth illumination image series to super high resolution transmission electron microscopy 1957
Baba, N. *see* Hashimoto, N. 7857
Baba, N. *see* Ichise, N. 1958
Baba, N. *see* Ogashiwa, T. 1960
Baba, N. *see* Tanaka, T. 7856
Baba, N. *see* Watanabe, S. 4933
Baba, O. *see* Kennan, W. 41507
Baba, R., Ueda, K., Umetani, K., Oka, Y., Yokouchi, H. Divisional-imaging digital chest radiography 7947
Baba, S., Tomita, Y., Matsuo, M., Matsushima, H., Ueda, N., Nakagawa, O. Molded chip scale package for high pin count 239
Baba, S. *see* Pesce, A. 21694
Baba, S. *see* Sakashita, N. 1340
Baba, T. *see* Kawaguchi, T. 5541
Baba, T. *see* Kawaura, H. 54673
Baba, T. *see* Nagashima, Y. 49349
Baba, T. *see* Sakamoto, T. 54293
Baba, T. *see* Sze, W. 17675
Baba, T. *see* Ueda, T. 21306
Baba, T. *see* Uemura, T. 53589
Baba, T. *see* Yuri, M. 21307
Baba, Y. *see* Hiyoshi, M. 51154
Baba, Y. *see* Ishii, M. 38397
Baba, Y. *see* Ochi, H. 11752
Baba, Y. *see* Ohta, T. 15155
Baba, Y. *see* Takahashi, H. 32594
Baba, Y. *see* Takahashii, H. 2878
Baba, Y. *see* Ushirozawa, S. 57939
Baba-Kishi, K.Z. *see* Knight, K.S. 2902
Babadzhanov, L.S. *see* Begis, Yu.K. 20980
Babaev, V.G. *see* Guseva, M.B. 40609
Babakov, J.P. *see* Swallom, D.W. 20053
Baban, C. *see* Mangalagiu, I. 42032
Babanin, A. *see* Dmitriev, V. 10880
Babarada, F. *see* Popescu, D.S. 48740
Babasaki, T. *see* Hirose, K. 51466
Babb, J., Frank, M., Agarwal, A. Solving graph problems with dynamic computation structures 40770
Babb, M. New ultrasonic level switch works from outside the tank 36979
Babbitt, R. *see* Merkel, K.D. 3356
Babchenko, A. *see* Nitzan, M. 7873
Babcock, J.A., Huang, W.M., Ford, J.M., Ngo, D., Spooner, D.J., Cheng, S. Low-frequency noise dependence of TFSOI BiCMOS for low power RF mixed-mode applications 41526
Babcock, K. *see* Folks, L. 3250
Babcock, R.C. *see* Gillespie, G.H. 49208
Babenyshev, V.V. *see* Buinovskii, A.S. 3240
Baber, C., Mellor, B., Graham, R., Noyes, J.M., Tunley, C. Workload and the use of automatic speech recognition: the effects of time and resource demands 24824
Baberg, F. Comparison of high frequency varactor diodes 1710
Baberg, F. Ultra-stable oscillators 21522
Babiarz, A., Duong Lá Applying jet technology to surface mount adhesive dispensing 39833
Babiarz, P.S., Liggett, D.P., Wellman, C.M. How products will be adapted to the dual hazardous area classification system 39680
Babic, D.I., Jayaraman, V., Margalit, N.M., Streubel, K., Heimbuch, M.E., Mirin, R.P., Thibeault, B.J., Bowers, J.E., Hu, E.L., Denbaars, S. Long-wavelength vertical-cavity surface-emitting laser diodes 24003
Babic, D.I. *see* Blixt, P. 6730
Babic, D.I. *see* Hawkins, A.R. 7366
Babic, D.I. *see* Hegblom, E.R. 3930
Babic, D.I. *see* Margalit, N.M. 44572
Babic, D.I. *see* Piprek, J. 44573
Babic, D.I. *see* Sink, R.K. 24006
Babic, E. *see* Ionescu, M.H. 55084
Babic, E. *see* Kusevic, I. 43768
Babic, E. *see* Zadro, K. 23396
Babic, N. *see* Hrabar, S. 27431
Babich, F., Lombardi, G., Tomasi, L., Valentinuzzi, E. Indoor propagation measurements at DECT frequencies 4252
Babich, G.A. *see* Sibul, L.H. 30428
Babich, I. *see* LaTulipe, D. 32301
Babich, I.V. *see* Acosta, R.E. 38760
Babichenko, A.M. *see* Hysell, D.L. 58449
Babij, T.M. *see* Chen, T. 37898
Babiker, M. *see* Zakhleniuk, N.A. 32014
Babiker, S., Asenov, A., Cameron, N., Beaumont, S.P. Simple approach to include external resistances in the Monte Carlo simulation of MESFETs and HEMTs 2713
Babiker, S., Cameron, N., Asenov, A., Beaumont, S.P. New evidence for velocity overshoot in a 200 nm pseudomorphic HEMT 2716
Babiker, S. *see* Barker, J.R. 13041
Babiker, S. *see* Barker, R. 54726
Babiloni, C. *see* Babiloni, F. 59640
Babiloni, C. *see* Babiloni, F. 59707
Babiloni, F., Babiloni, C., Carducci, F., Fattorini, L., Anello, C., Onorati, P., Urbano, A. High resolution EEG: a new model-dependent spatial deblurring method using a realistically-shaped MR-constructed subject's head model 59640
Babiloni, F., Babiloni, C., Carducci, F., Fattorini, L., Onorati, P., Del Gaudio, M., Urbano, A. Performance of two new high resolution EEG technologies using realistic MR-constructed subject's head models 59707
Babin, S. Method for measuring absorbed energy density in photoresist in a laser pattern generation 2477
Babin, S., Hudek, P., Kostic, I. Quantitative measurement of the resist heating in a variable shaped electron lithography 42850
Babin, S., Koops, H.W.P. Three-dimensional electron-beam lithography using an all-dry resist process 22705
Babin, S., Sheridan, J.T. Rigorous electromagnetic analysis of aerial image formation in photoresist 2518
Babin, S. *see* Schmidt, A. 42825
Babineau, J., Fekecs, A., Laperle, C., Tetu, M. Optically-driven C-band active phased array antenna test bed using laser heterodyne, optically amplified signal distribution, and microwave oscillator injection-locking 14752
Babkin, A.L. *see* Galstjan, E.A. 53978
Baboiu, D.-M. *see* Fuerst, R.A. 44743
Babot, D. *see* Kaftandjian, V. 990
Baboux, J.C. *see* Saint-Pierre, N. 11006
Baboux, J.C. *see* Saint-Pierre, N. 13249
Babu, A.K. *see* Ambuselvan, T. 18480
Babu, A.K. *see* Madhumathi, S. 18295
Babu, B.Ramesh *see* Ramesh Babu, B.
Babu, K.S.C. *see* Pandey, R.N. 29634
Babu, M. *see* Tseng, S. 29097
Babu, S.K.S. *see* Callaghan, P. 21942
Babu, S.R., Hu, K., Manthripragada, S., Martineau, R.J., Kotecki, C., Peters, F., Burgess, A., Krebs, D., Mott, D.B., Ewin, A., Miles, A., Nguyen, T., Shu, P. Improved HgCdTe detectors with novel anti-reflection coating 49872
Babu, S.V. *see* Achuthan, K. 2411
Babu, T.G.N., Koshy, J. Ba_2RETaO_6 (RE=Pr, Nd, Eu, and Dy), a group of chemically stable substrates for $YBa_2Cu_3O_{7-\delta}$ films 13479
Babu, T.V.J.G., Tho Le-Ngoc, Hayes, J.F. Performance analysis of on-board switching in broadband satellite communication systems 6694
Babu, V.R., Mazhari, B., Hasan, M.M. An expert system approach to analog circuit synthesis 54740
Babu Anto, P. *see* Pattnaik, S.S. 1690
Babuka, I.M. *see* Naiman, A.E. 52540
Babula, A.J. Silicon carbide: its nonabrasive electrical properties and applications 31923
Babushkin, A.V. *see* Do-Hyun Park 23866
Babushkina, O.P. *see* Korenkov, I.P. 60089
Babuska, I., Andersson, B., Guo, B., Melenk, J.M., Oh, H.S. Finite element method for solving problems with singular solutions 649
Babuska, I. *see* Ihlenburg, F. 40266
Babuska, I. *see* Makridakis, C.G. 40267
Babuska, I. *see* Melenk, J.M. 10576
Babuska, I. *see* Qi Chen 533
Babuska, I. *see* Tsuchiya, T. 40270
Babuska, I. *see* Zhang, Z. 21196
Baby, C. *see* Duret, D. 8292
Babzien, M. *see* van Steenbergen, A. 49031
Bac, S. *see* Troussel, P. 3539
Baca, A.G., Sherwin, M.E., Zolper, J.C., Dubbert, D.F., Hietala, V.M., Shul, R.J., Sloan, L.R., Hafich, M.J. Complementary HFET technology for low-power mixed-mode applications 22885
Baca, A.G. *see* Briggs, R.D. 42287
Baca, A.G. *see* Seigal, P.K. 42286
Baca, A.G. *see* Shul, R.J. 22588
Baca, A.G. *see* Vartuli, C.B. 22429
Baca, A.G. *see* Vartuli, C.B. 22445
Baca, A.G. *see* Vartuli, C.B. 54244
Baca, A.G. *see* Zolper, J.C. 22541
Baca, A.G. *see* Zolper, J.C. 32452
Baca, A.G. *see* Zutavern, F.J. 49073
Baca, M.C.de *see* de Baca, M.C.
Baca, P. *see* Calabek, M. 29545
Baca, W.E. *see* Weckwerth, M.V. 32185
Bacal, M. *see* Bruneteau, A.M. 37182
Bacal, M. *see* Graham, W.G. 37184
Bacalzo, F.T. *see* Chtchekine, D.G. 40314
Bacca, E. *see* Cucolo, A.M. 43831
Baccar, Z.M., Jaffrezic-Renault, N., Martelet, C., Jaffrezic, H., Marest, G., Plantier, A. Sodium microsensors based on ISFET/REFET prepared through an ion-implantation process fully compatible with a standard silicon technology 7286
Baccarani, G. *see* Colalongo, L. 54628
Baccarani, G. *see* Lorenzini, M. 1374
Baccarani, G. *see* Manaresi, N. 1635
Baccarelli, E., Cusani, R., Galli, S. Novel analytical performance bounds for symbol-by-symbol decoding of digital-data impaired by ISI and AWGN 34608
Baccarelli, E. *see* Mandarini, P. 6436
Baccaro, S., Barone, L.M., Borgia, B., Castelli, F., Cavallari, F., De Notaristefani, F., Diemoz, M., Faccini, R., Festinesi, A., Leonardi, E., Longo, E., Montecchi, M., Organtini, G., Pacciani, L., Pirro, S. Precise determination of the light yield of scintillating crystals 37459
Baccaro, S. *see* Auffray, E. 37281
Bacchetta, M. *see* Sassella, A. 30915
Bacchetta, M. *see* Zaccherni, C. 42782
Bacchetta, N., Bisello, D., Candelori, A., Dalla Betta, G.F., Da Re, A., Da Rold, M., Fardin, P., Paccagnella, A., Soncini, G., Verzellesi, G., Wheadon, R. Breakdown properties of multiguarded devices 59289
Bacchetta, N., Bisello, D., Gotra, Yu., Jejer, V., Malakhov, N., Paccagnella, A., Pantano, D., Sadygov, Z. New type of metal-resistive layer-silicon avalanche detectors for visible and UV light detection 36561
Bacchetta, N. *see* Antos, J. 37373
Bacchetta, N. *see* Azzi, P. 37390
Bacchetta, N. *see* Candelori, A. 59290

Bacchetta, N. *see* Matthews, J.A.J. 37266
Bacchi, E., Caponero, M.A., Casamatta, V., Ermio, G., Gagliardi, F., Rizzo, R., Spadoni, S., Terrusi, A. In situ modal analysis by pulsed holographic interferometry [and FEM validation] 48944
Bacchiani, M., Ostendorf, M., Sagisaka, Y., Paliwal, K. Design of a speech recognition system based on acoustically derived segmental units 15031
Bacci, C. *see* Andryakov, A. 37226
Bacci, T. *see* Biggeri, U. 7827
Baccigalupi, A., D'Apuzzo, M. ADC modeling techniques 1526
Baccigalupi, A., D'Apuzzo, M. Analog-to-digital converter modeling: a survey 53376
Baccigalupi, A. *see* Angrisani, L. 17731
Baccus, B. *see* Lorenz, J. 13096
Baccus, B. *see* Senez, V. 43234
Baccus, B. *see* Tixier, A. 12740
Bacelar, A. *see* Wang, H. 56853
Bacellar, L. *see* Kim, K.H. 6193
Bach, E., Lukes, R., Shallit, J., Williams, H.C. Results and estimates on pseudopowers 10297
Bach, E., Peralta, R. Asymptotic semismoothness probabilities 10305
Bach, E., Sorenson, J. Explicit bounds for primes in residue classes 10306
Bach, E., Tielert, R. Use of BiCMOS-techniques in low-voltage operational amplifiers 1150
Bach, Fr.-W., Haferkamp, H., Lindemaier, J., Rachkov, M. Underwater climbing robot for contact arc metal drilling and cutting 51918
Bach, H.-G., Umbach, A., van Waasen, S., Bertenburg, R.M., Unterborsch, G. Ultrafast monolithically integrated InP-based photoreceiver: OEIC-design, fabrication, and system application 47952
Bach, H.-G. *see* Kuhmann, J.F. 3405
Bach, H.-G. *see* Umbach, A. 3650
Bach, H.-G. *see* Umbach, A. 6867
Bach, P., Le Tourneur, P., Poumarede, B., Brette, M. Neutron activation and analyses 8599
Bach, S., Pereira-Ramos, J.P., Baffier, N. Rechargeable 3 V Li cells using hydrated lamellar manganese oxide 19969
Bacha, S., Rognon, J.P., Hadj Said, N. Averaged modelling for AC converters working under discontinuous conduction mode 51182
Bacha, S. *see* Maginier, S. 50515
Bacharach, S.L. *see* Buvat, I. 7938
Bacharach, S.L. *see* Freedman, N.M.T. 7913
Bacharach, S.L. *see* Pentlow, K.S. 7909
Bache, W. *see* Liwei Lin 23071
Bachelder, E.N., Hansman, R.J., Jr. Issues in simultaneous HMD display of multi-reference frames for helicopter applications 18653
Bachelet, F. *see* Baptist, R. 53937
Bachem, K.-H. *see* Rouviere, J.-L. 12286
Bachem, K.H. *see* Gobert, Y. 22788
Bacher, G. *see* Eisert, D. 55638
Bacher, G.D. *see* MacCormack, S. 44510
Bacher, K. *see* Tidrow, M.Z. 17349
Bacher, K. *see* Tidrow, M.Z. 36567
Bacher, R. Automatic generation of optimization code based on symbolic non-linear domain formulation 28846
Bacher, W. *see* Bade, K. 30850
Bacher, W. *see* Borner, M.W. 54835
Bacher, W. *see* Both, A. 54832
Bacher, W. *see* Fahrenberg, J. 32586
Bacher, W. *see* Menz, W. 32584
Bacher, W. *see* Ruprecht, R. 30988
Bachiller, M. *see* Adan, A. 57120
Bachir, I.H. *see* Tranchart, S. 28672
Bachir, S., Sandouly, C., Kossanyi, J., Ronfard-Haret, J.C. Rare earth-doped polycrystalline zinc oxide electroluminescent ceramics 33248
Bachmann, B. *see* Novosel, D. 8979
Bachmann, C. *see* Musman, S. 6953
Bachmann, J. *see* Kiessling, J. 18179
Bachmann, K.J. The control of stoichiometry in epitaxial semiconductor structures: interfacial chemistry - property relations 40370
Bachmann, K.J., Hopfner, C., Sukidi, N., Miller, A.E., Harris, C., Aspnes, D.E., Dietz, N.A., Tran, H.T., Beeler, S., Ito, K., Banks, H.T., Rossow, U. Molecular layer epitaxy by real-time optical process monitoring 52693
Bachmann, K.J., Rossow, U., Sukidi, N., Castleberry, H., Dietz, N. Heteroepitaxy of GaP on Si(100) 52620
Bachmann, K.J. *see* Banks, H.T. 52770
Bachmann, K.J. *see* Rossow, U. 52623
Bachmann, M., Doussiere, P., Emery, J.Y., N'Go, R., Pommereau, F., Goldstein, L., Soulage, G., Jourdan, A. Polarisation-insensitive clamped-gain SOA with integrated spot-size convertor and DBR gratings for WDM applications at 1.55 μm wavelength 6715
Bachmann, M. *see* Mestric, R. 47946
Bachmann, M. *see* Nolting, H.-P. 47935
Bachmann, M. *see* Renaud, M. 16730
Bachmann, M. *see* Renaud, M. 47948
Bachmann, R. *see* Haerri, F. 8795
Bachmann, T. *see* Herre, O. 32121
Bachmann, T. *see* Schulz, R. 30745
Bachoc, C. Applications of coding theory to the construction of modular lattices 56338
Bachoc, C. *see* Bonnecaze, A. 56321
Bachofner, A., Herfurth, M., Schmitt, M. High-speed IGBTs: fast switching at an attractive price 12992
Bachor, H.-A., Taubman, M.S., Ralph, T.C., Harb, C.C., White, A.G., McClelland, D.E. Experiments and theory of laser noise: consequences for squeezing and injection locking 23832
Bachor, H.-A. *see* Harb, C.C. 14193
Bachor, H.-A. *see* Ralph, T.C. 14192
Bachovchin, D.M. *see* Domeracki, W.F. 50795
Bachstein, W., Zerhusen, W. Single Chip "media engine" for multimedia audio/video, graphics and communications 11470
Bachtiar, T.M. *see* Zhang, C.N. 41023
Bachtold, M., Korvink, J.G., Baltes, H. Automatic adaptive meshing for efficient electrostatic boundary element simulations 14524
Bachtold, M., Korvink, J.G., Baltes, H. Enhanced multipole acceleration technique for the solution of large Poisson computations 22943
Bachtold, M. *see* Funk, J.M. 43389
Bachtold, W. *see* Duran, H.C. 41437
Bachtold, W. *see* Schefer, M. 21962
Baciocchi, M. *see* Di Fabrizio, E. 31639
Baciocchi, M. *see* Di Fabrizio, E. 42886
Baciocchi, M. *see* Grella, L. 44158
Back, A.D. *see* Lawrence, S. 56389
Back, B.B., Blumenthal, D.J., Davids, C.N., Henderson, D.J., Hermann, R.H., Jiang, C.L., Penttilae, H.T., Wuosmaa, A.H. Transport efficiency of the Argonne fragment mass analyzer 7832
Back, D.D., Scaringe, R.P., Ramos, C., Tapia, P.E. Passive, intermittent cryocooler for vibration-free and load-leveling space applications 28570
Back, D.D. *see* Grzyll, L.R. 28492
Back, D.D. *see* Gui, F. 29893
Back, H.-G. *see* van Waasen, S. 47939
Back Huyng-Iae *see* Huyng-Iae Back
Backbom, L. *see* Kjebon, O. 44491
Backbom, L. *see* Lourdudoss, S. 24014
Backbom, L. *see* Rigole, P.-J. 14121
Backbom, L. *see* Rigole, P.-J. 14156
Backbom, L. *see* Rigole, P.-J. 58283
Backdahl, C. *see* Oskar van Deventer, M. 26820
Backer, D.C., Dexter, M.R., Zepka, A., Ng, D., Werthimer, D.J., Ray, P.S., Foster, R.S. A programmable 36 MHz digital filter bank for radio science 48204
Backes, P. *see* Wakita, Y. 35782
Backes, R. *see* Witte, F.-O. 17047
Backhaus, K., Link, L., Reinert, J. Investigations on a high-speed switched reluctance drive incorporating amorphous iron 51708
Backhaus, K. *see* Nagel, A. 51373
Backhauss, H. *see* Trewhella, J.M. 227
Backhausz, L. *see* Nagy, I. 60783
Backlin, L. *see* Lindgren, S. 33542
Backlund, Y. *see* Hedlund, C. 2333
Backlund, Y. *see* Strandman, C. 33050
Backmutsky, V., Shenkman, A., Shklyar, B., Zmudikov, V., Kottick, D., Blau, M. A new DSP-method for frequency average estimation in power systems 28820
Backmutsky, V., Zmudikov, V., Agizim, A., Vaisman, G. A new DSP method for precise dynamic measurement of the actual power-line frequency and its data acquisition applications 38442
Backory, J. *see* Linkens, D.A. 28393
Backschat, M., Pfaffinger, A., Zenger, C. Economic-based dynamic load distribution in large workstation networks 16250
Backstrom, A. *see* Sandstrom, G. 28248
Backstrom, S. *see* Sandstrom, L. 17575
Backus, S., Peatross, J., Zeek, E., Read, K., Kapteyn, H.C., Murnane, M.M. Sub-20-fs pulse generation in the ultraviolet 33663
Baclet, P. *see* Acher, O. 3091
Bacmann, M. *see* Tomey, E. 3050
Bacmann, M. *see* Tomey, E. 3245
Bacon, D., Rao, T.C.K. Propagation features of cylindrical conductors coated with chiral materials 56089
Bacon, D.D. *see* Goossen, K.W. 16494
Bacon, D.D. *see* Law, H.H. 1777
Bacon, D.D. *see* Lentine, A.L. 3660
Bacon, D.D. *see* Lentine, A.L. 33316
Bacon, J. *see* Bates, J. 47318
Bacon, M. *see* Changhai Wang 43905
Bacon, M. *see* Martinuzzi, S. 39018
Bacon, M.E. *see* Stafford Baines, C.G. 30031
Bacon, R. Barge-mounted diesel generators–an attractive alternative for special circumstances 9118
Bacrania, K. *see* Tzi-Hsiung Shu 21762
Bacry, E. *see* Gribonval, R. 36354
Badakhshan, A., England, J.L., Thompson, P., Cheung, P., Yang, C.H., Alavi, K. Study of deposition dependent characteristics of gold on n-GaAs by photoreflectance spectroscopy 42652
Badan, L. *see* Palmieri, V. 49140
Badavi, F.F. *see* Wilson, J.W. 49855
Badawi, A.M., Hashem, A.M., Derbala, A.S., Hendawi, A., Youssef, A.M., Abdel-Wahab, M.P. Ultrasonographic tissue signature for shistosomal liver and other related liver pathologies 18358
Badawi, H.S., Mourad, S.A., Mewalli, S.M. Finite element analysis for a CAD of a concrete mixer drum 650
Badawy, I., El-Gammal, W.A., Abo-El-Khier, M. A non-destructive assay system for the verification of uranium fuel rods 60504
Badcock, R. *see* Liu, T. 17456
Bade, K., Leyendecker, K., Thommes, A., Bacher, W. Electroplating at high aspect ratio micropatterned electrodes–influence of mass transfer 30850
Badea, E.A., Craiu, O. Eddy current effects in MRI superconducting magnets 43851
Badenes, G., Rooyackers, R., De Wolf, I., Deferm, L. Polysilicon encapsulated local oxidation of silicon for deep submicron lateral isolation 54423
Badent, A., Kist, K., Schwab, A.J., Beroual, A., Chadband, W.G., Danikas, M., Sierota, A.B., Torshin, Y., Zahn, M. Preliminary report for the IEEE DEIS Liquid Dielectrics Committee international study group on "Streamer Propagation in Liquids" 23150
Badent, R., Kist, K., Schwab, A.J. Streamer initiation and propagation in insulating oil in weakly non-uniform fields under impulse conditions 13275
Badent, R., Kist, K., Schwab, A.J. The effect of viscosity on streamer propagation in insulating oil under impulse conditions 23233
Badent, R., Kist, K., Schwab, A.J. Prebreakdown behavior of a composite liquid-solid insulation system under impulse conditions 32690
Badent, R. *see* Lopatin, V. 32729
Bader, D.A., Jaja, J., Harwood, D., Davis, L.S. Parallel algorithms for image enhancement and segmentation by region growing, with an experimental study 5499
Bader, F.E. Impact of packaging trends on surface mount attachment reliability 30243
Bader, G. *see* Maier, G. 13710
Bader, S.D. *see* Keavney, D.J. 43663
Badescu, V., Murariu, V., Rotariu, O., Rezlescu, N. A new modeling of the initial buildup evolution on a wire in an axial HGMF filter 33915
Badger, S.L. *see* Erickson, G.J. 52271
Badia, M.Sanz *see* Sanz Badia, M.
Badics, Z., Matsumoto, Y., Aoki, K., Nakayasu, F., Uesaka, M., Miya, K. An effective 3-D finite element scheme for computing electromagnetic field distortions due to defects in eddy-current nondestructive evaluation 40719
Badics, Z., Matsumoto, Y., Kojima, S., Usui, Y., Aoki, K., Nakayasu, F. Finite element modeling of conducting shells for eddy current NDE problems using "impedance-type" interface conditions 40720
Badie, J.-M. *see* Pin, O. 48983
Badihi, A., Por, E. ShellCase–a true miniature integrated circuit package 20924
Badihi, A., Schlomovich, N., De-La-Vega, M., Karligano, N., Baron, Z. SlimCase – An ultra thin chip size, integrated circuit package 308
Badikov, V.V., Gonzalez-Diaz, P.F., Santos, M., Siguenza, C., Shevyrdyaeva, G.S., Solodukhin, A.S., Trushin, S.A. Wide-aperture $AgGaSe_2$ crystals for high-energy second harmonic and sum frequency generation of CO_2 laser radiation and their application 24178
Badila, M., Negru, S., Mitu, F., Brezeanu, G., Dilimot, G., Enache, I. Integration techniques for high frequency bipolar circuits 43252
Badila, M. *see* Brezeanu, G. 42937
Badin, J.S., Tagore, S. Energy pathway analysis–a hydrogen fuel cycle framework for system studies 60470
Badini, G.E., Grattan, K.T.V., Tseung, A.C.C., Palmer, A.W. Sol-gel properties for fiber optic sensor applications 17859
Badolo, M., Emplit, P. Prediction of close-to-zero modal dispersion over a wide range of wavelengths in singly clad multimode fibers 23494
Badouel, E., Darondeau, P. A survey on net synthesis 52464
Badowski, A.A. *see* Beck, S.E. 42443
Badowski, A.A. *see* Beck, S.E. 42523
Badoz, P.-A. *see* Boucaud, P. 2171
Badoz, P.A. *see* Berroir, J.M. 2170
Badoz, P.A. *see* Berroir, J.M. 12393
Badoz, P.A. *see* Zanier, S. 12335
Badr, K.H., El-Motaafy, H.A., El-Badawy, E.-S.A., Bayoumy, M.E.-S.A. Design and implementation of MW balanced amplifier using branch-line couplers 53568
Badr, M.A., Abdel-Halim, M.A., Alolah, A.I. A nonconventional method for fast starting of three phase wound-rotor induction motors 19752
Badr, M.A. *see* Al-Ohaly, A.A. 38712
Badr, M.A.L. *see* Sharaf, A.M. 19388
Badran, F. *see* de Lassus, H. 17017
Badran, F. *see* de Lassus, H. 36304
Badri, M.A., Al-Mutawa, A., Davis, D., Davis, D. EDSSF: a decision support system (DSS) for electricity peak-load forecasting 60331
Badrinath, B.R. *see* Acharya, A. 6214
Badrinath, B.R. *see* Bakre, A.V. 46743
Badrinath, B.R. *see* Bakre, A.V. 47583
Badrinath, B.R. *see* Yates, R. 6636
Badruddin, S.M. *see* Khoury, D.S. 37776
Badry Narayana, T., Satyam, M. Waveform transformation using shaped superconducting films 32959
Badstubner, O. *see* Muller, J. 1869
Badura, E., Dodokhov, V., Eschke, J., Frolov, A.R., Gaiser, H., Gutbrod, H.H., Grigoriev, V., Kaplin,

V., Kopf, U., Lobanov, V., Neyer, Ch., Pestov, Yu.N., Schmidt, H.R., Schulze, R., Steinhaeuser, P., Stelzer, H., Tiunov, M.A., Vodopianov, S. Status of the Pestov spark counter development for the ALICE experiment 37241
Badurek, G. *see* Sinnecker, J.P. 3073
Badwal, S.P.S. *see* Ciacchi, F.T. 21378
Badwal, S.P.S. *see* Jiang, S.P. 36830
Badziak, J. Rate equations for modelling of short-pulse rare-gas halide excimer lasers 3681
Badziak, J., Chizhov, S.A., Kozlov, A.A., Makowski, J., Paduch, M., Tomaszewski, K., Vankov, A.B., Yashin, V.E. Picosecond, terawatt, all-Nd:glass CPA laser system 23837
Badziak, J., Jablonski, S. Ultrashort-pulse generation in excimer lasers by fast mode locking using electrooptic deflector 33386
Badzian, A. *see* Naesung Lee 40423
Bae, B.-S. *see* Hong, S. 22642
Bae, G.J. *see* Lee, B.H. 21661
Bae, H.K., Krishnan, R. A study of current controllers and development of a novel current controller for high performance SRM drives 29684
Bae, J., Park, S.I., Song, I. A known-signal detector based on ranks in weakly dependent noise 24917
Bae, J. *see* Chang, T. 56298
Bae, J.C., Lee, Y.J. The influence of gate-induced drain leakage current by DC-stress on p-MOSFET scaling 32435
Bae, J.H. *see* Kim, Y.M. 697
Bae, J.H. *see* Son, N.J. 24018
Bae, J.J. *see* Dong-uk Cho 57476
Bae, J.K. *see* Kim, C.S. 3348
Bae, J.K.Y., Bin Bae, Jung-A Kim, Jau-Ho Lee Ratings, indicator functions, coefficients of alignment and numerical measures of indicating placement of posets on scales from chains to antichains 40065
Bae, K.J. *see* Dong-Uk Cho 25336
Bae, K.S. *see* Kim, J.R. 2455
Bae, S. *see* Wee, K. 45142
Bae, Y.-H., Kang, H.-S., Kwon, Y.-K., Lee, J.-H. The annealing condition dependence of the SIMOX SOI characteristics 42298
Bae Bin *see* Bin Bae
Bae Byeong-Soo *see* Byeong-Soo Bae
Bae Choi Young *see* Young Bae Choi
Bae Deok Rak *see* Deok Rak Bae
Bae Dongjin *see* Dongjin Bae
Bae Doo-Hwan *see* Doo-Hwan Bae
Bae Ho Park, Noh, T.W., Lel, J., Cha Yeon Kim, Jo, W. Pulsed laser deposition of $Bi_4Ti_3O_{12}$ thin films and their anomalous imprint characteristics 52676
Bae In-Ho *see* In-Ho Bae
Bae Jang Keun *see* Jang Keun Bae
Bae Jongwsoo *see* Jongwsoo Bae
Bae Joo Yun *see* Joo Yun Bae
Bae Joon-Sung *see* Joon-Sung Bae
Bae Kim Jaime *see* Jaime Bae Kim
Bae Kim Seung *see* Seung Bae Kim
Bae Kyoung-Yul *see* Kyoung-Yul Bae
Bae Lee Young *see* Young Bae Lee
Bae Moonsik *see* Moonsik Bae
Bae Sang-June *see* Sang-June Bae
Bae Sang-Wook *see* Sang-Wook Bae
Bae Soo-Ho *see* Soo-Ho Bae
Bae Sung Hwan *see* Sung Hwan Bae
Bae Sung-Ho *see* Sung-Ho Bae
Bae Yoon Yeong *see* Yoon Yeong Bae
Bae-Doo Cho *see* Seong-Ho Jeon 32271
Baechtold, W. *see* Hunziker, S. 36131
Baeder, B.T., Rhea, J.L. GPS attitude determination analysis for UAV 17007
Baehr, R. *see* Kachler, A.J. 9297
Baek, H.L., Oh, K.G., Sung, K.M., Park, S.K., Lim, Y.S., Cha, I.S., Park, H.A., Park Starting characteristics by auxiliary winding sequence control for a single-phase induction motor 50977
Baek, J.-T. *see* Lee, S.-H. 1410
Baek, J.T., Jung, S.H., Kang, S.W., Ahn, B.T. Device characteristics and metal link formation in the planar antifuse with poly-Si pad 2456
Baek, J.T., Park, H.H., Kang, S.W., Ahn, B.T., Yoo, I.J. Investigation of link formation in a novel planar-type antifuse structure 32092
Baek, J.T. *see* Kim, J. 12597
Baek, J.T. *see* Shin, H.K. 40637
Baek, K.-H. *see* Koh, W.-H. 24468
Baek, S.-Y. *see* Oh, H.-K. 2520
Baek, S.-Y. *see* Oh, H.-K. 2528
Baek, W.H. *see* Han, M.S. 42369
Baek, Y., Schiek, R., Krijnen, G., Stegeman, G.I., Baumann, I., Sohler, W. All-optical integrated Mach-Zehnder switching in lithium niobate waveguides due to cascaded nonlinearities 13705
Baek hae Kyoung *see* hae Kyoung Baek
Baek Hyung-Lae *see* Hyung-Lae Baek
Baek Jong Tae *see* Jong Tae Baek
Baek Jong-Hyeob *see* Jong-Hyeob Baek
Baek Kyu-Ha *see* Kyu-Ha Baek
Baek Seongjoon *see* Seongjoon Baek
Baek Sunghyun *see* Sunghyun Baek
Baek Young -Ki *see* Young -Ki Baek
Baek Young Sik *see* Young Sik Baek
Baek Young-Sik *see* Young-Sik Baek
Baek Yunju *see* Yunju Baek
Baek-Ho Jung, Kun-Young Kim, Che-Young Kim Computation of electric fields and receiving power for communication in the sea at SLF band 26462
Baek-soo Suh *see* Chang Seop Koh 50010
Baek-Un Kim *see* Ota, K. 51503
Bael, M.J.van *see* van Bael, M.J.
Bael, M.van *see* van Bael, M.
Baer, D. Electronic communication: shouldn't we use it more effectively 6097
Baer, D. What are USENET groups? 6101
Baer, D. *see* Wietfeldt, R.D. 17009
Baer, J.W., Cole, J.L. Anti-reflection coatings for spectrometers with large spectral ranges 44189
Baer, S.C. Two means for riddance of hydrogen [cabinets venting] 39800
Baer, Y. *see* Mikhailov, S.N. 12169
Baeri, P., Rimini, E. Laser annealing of silicon 22508
Baeriswyl, P., Schildknecht, Th., Springer, T., Beutler, G. Time transfer with geodetic GPS receivers using code and phase observations 36936
Baert, M. *see* Angstadt, R. 59309
Baert, M. *see* Bruynseraede, Y. 32920
Baessler, H. *see* Schaefer, O. 33292
Baeten, P. *see* Bruggeman, M. 37369
Baeten, R. *see* Sevic, J.F. 17214
Baets, B.De *see* De Baets, B.
Baets, R. *see* Bickel, G. 13852
Baets, R. *see* Blondelle, J. 33311
Baets, R. *see* Buus, J. 44020
Baets, R. *see* Cailin Wei 55297
Baets, R. *see* de Neve, H. 33295
Baets, R. *see* Demeulenaere, B. 33552
Baets, R. *see* Haes, J. 23535
Baets, R. *see* Haes, J. 55251
Baets, R. *see* Lowery, A.J. 17153
Baets, R. *see* Morthier, G. 44480
Baets, R. *see* Morthier, G. 55648
Baets, R. *see* Morthier, G. 55725
Baets, R. *see* Morthier, G. 58286
Baets, R. *see* Sarlet, G. 33068
Baets, R.G.F. *see* Steenbergen, C.A.M. 16742
Baets, R.G.F. *see* Sun, Y. 53711
Baetselier, E.De *see* De Baetselier, E.
Baetz, K. *see* Inkol, R. 17730
Baev, V.M. *see* Bohm, R. 23790
Baeyens, Y., Schreurs, D., Nauwelaers, B., Van Der Zanden, K., Van Hove, M., De Raedt, W., Van Rossum, M. A high-gain coplanar GaAs PHEMT K-band dual-gate amplifier 53659
Baeyens, Y. *see* Menozzi, R. 21914
Baez, A.N., Lebron-Velilla, C., Mackin, M., Iler, T. The small spacecraft technology initiative Photovoltaic Regulator Kit Experiment (PRKE) 18677
Baez, D. *see* Ramirez, J.M. 20639
Baez-Lopez, D., Cabrera, G., Martinez, P., Reyes, G., Ramirez, J.M., Monter-Hernandez, O. Multimedia based analog and digital filter design 20491
Baez-Lopez, D. *see* Ballesteros, J.L. 40827
Baffert, N. *see* Verger, L. 31817
Baffier, N. *see* Bach, S. 19969
Baffier, N. *see* Caurant, D. 38944
Bafutto, M., Schopp, M. Performance evaluation of IN based mobility management 26654
Bagaev, S.N. *see* Kaminskii, A.A. 44738
Bagaley, O. *see* Zingerman, W. 17174
Bagamadova, A.M. *see* Ataev, B.M. 886
Bagatskaya, O.V., Shulga, S.N., Zhuk, N.P. EM wave scattering from a slightly rough surface of an anisotropic medium 45009
Bagawade, P.J. *see* Chabra, O.P. 9180
Bagayev, S.N. New possibilities for creation of optical sources with noise level lower than the quantum limit 27317
Bagayev, S.N., Belkin, A.M., Dychkov, A.S., Kaminskii, A.A., Matyugin, Yu.A., Nevsky, A.Y., Skvortsov, M.N., Farnosov, S.A., Zhmud, V.A. High-stable, compact Nd:YAG/$^{127}I_2$-laser system for precision measurements 27375
Bagayev, S.N., Dmitriyev, A.K., Klementyev, V.M., Pokasov, P.V., Timchenko, B.A., Zakharyash, V.F. Transportable He-Ne/CH_4-CO_2-laser frequency standard 27376
Bagayev, S.N., Klementyev, V.M., Timchenko, B.A., Zacharyash, V.F. Frequency multiplication and mixing on InP and GaAs Schottky diodes in IR and FIR regions and their use for optical time clock 21936
Bagayev, S.N. *see* Kaminskii, A.A. 44412
Bagayev, S.N. *see* Kaminskii, A.A. 4012
Bagayev, S.N. *see* Nishioka, H. 44652
Bagby, L. *see* Angstadt, R. 59309
Bagchi, A., Evans, A.G. Measurements of the debond energy for thin metallization lines on dielectrics 42623
Bagchi, A. *see* Pal, N.R. 25538
Bagchi, S., Lee, J.D., Krause, S.J., Roitman, P. Effect of implantation energy on the defect formation in SIMOX 22528
Bagchi, S., Lee, J.D., Krause, S.J., Roitman, P. Defect formation mechanisms in low-dose SIMOX material 42295
Bagen, S., Gibson, G., Newquist, C., Sago, H. Next generation coating technologies for low-cost electronics manufacturing 21324
Bagen, S., Melgaard, H., Minnich, C., Newquist, C., Gibson, G. Novel low cost process technologies for application and curing of polyimide films 53866
Bagen, S., Newquist, C., Gibson, G., Melgaard, H., Minnich, C. Novel low-cost process technologies for application and curing of polyimide films [MCM-D] 1877
Baggaley, J.W., Bennett, R.G.T. The meteoroid orbit facility AMOR: recent developments 48201
Baggenstoss, P.M. Improved echo classification in shallow water 48154
Baggenstoss, P.M. Adaptive pulselength correction (APLECORR): a strategy for waveform optimization in ultra-wideband active sonar 48158
Baggerman, A.F.J., Caers, J.F.J.M., Wondergem, J.J., Wagemans, A.G. Low-cost flip-chip on board 1784
Baggio, J., Rainsant, J.M., D'hose, C., Lalande, P., Musseau, O., Leray, J.L. Comparison of laser diode response to pulsed electrical and radiative excitations 24015
Baggiolini, V. *see* Solana, E. 16184
Baggione, G. *see* Prestifilippo, P. 51299
Baghai-Ravary, L., Beet, S.W., Tokhi, M.O. The two-dimensional discrete cosine transform applied to speech data 14907
Baghai-Ravary, L., Beet, S.W., Tokhi, M.O. Image coding by multistep, adaptive flux interpolation 15585
Baghai-Wadji, A.R. A convenient symbolic notation for the conversion of Maxwell's equations into an equivalent eigenvalue form for bianisotropic and inhomogeneous media 33930
Baghai-Wadji, A.R., Chehrehrazi, M. Real-space Green's function of an isolated point charge in an unbounded anisotropic dielectric 33803
Baghai-Wadji, A.R. *see* Chehrehrazi, S.M. 34013
Baghdadi, N., Broche, P. Use of a VHF oceanic radar for drifter tracking 18861
Baghdasaryan, H.V., Daryan, A.V., Knyazyan, T.M., Uzunoglu, N.K. Modeling of a nonlinear enhanced performance Fabry-Perot interferometer filter 33675
Bagheri, R. *see* Pearson, R.A. 20899
Bagherzadeh, N. *see* Wallace, S. 31300
Baginski, T.A., Thomas, K.A., Smith, S.L. A high-voltage single-shot switch implemented with a MOSFET current source and avalanche diode 51384
Bagley, H. *see* Rouse, G. 59916
Baglio, S. *see* Arena, P. 1097
Bagnall, D.M., Chen, Y.F., Zhu, Z., Yao, T., Koyama, S., Shen, M.Y., Goto, T. Optically pumped lasing of ZnO at room temperature 55710
Bagnasco, E., Baacke, P. Survey on Pan-European TMN: experiments and field trial support 46935
Bagnasco, E. *see* Baacke, P. 35596
Bagnoli, P.E., Casarosa, C., Dallago, E., Maierna, A., Sassone, G. Thermal resistance analysis by induced transient method (TRAIT) applied to power electronic device packaging 61296
Bagnoli, P.E. *see* Oliveti, G. 44558
Bagotzky, V.S. Advanced rechargeable batteries for different widespread applications 9511
Bagotzky, V.S., Yablokova, I.E., Kazakevich, G.Z., Safronova, T.A. Problems in the field of silver-zinc storage batteries 61048
Bahadir, A. *see* Ozturk, C. 9285
Bahadur, L. *see* Rao, T.N. 51602
Bahai, A.R.S. Performance of nonlinear receivers in mobile communications 6650
Bahaj, A.S., James, P.A.B., Moeschler, F.D. High gradient magnetic separation of motile and non-motile magnetotactic bacteria 4214
Bahar, E. Computer simulation of random signals and rough surfaces with given statistical characteristics 56061
Bahar, E., Bom Son Lee Scatter cross sections for two-dimensional random rough surfaces-full wave analysis 8393
Bahar, E., Bom Son Lee Transmission scatter cross sections for random rough surfaces–full wave solutions 34023
Bahar, E., Yuzhi Zhang Numerical solutions for the scattered fields from rough surfaces using the full wave generalized telegraphists' equations 56034
Bahar, E., Zhang, Y. Scattering cross sections of composite random rough surfaces new unified full wave solutions 8392
Bahar, E., Zhang, Y. A new unified full wave approach for sea surface scatter cross sections 36238
Bahar, E. *see* Bom Son Lee 4231
Bahar, E. *see* El-Shenawee, M. 8556
Bahar, E. *see* El-Shenawee, M. 34027
Bahar, R.I., Burns, M., Hachtel, G.D., Macii, E., Shin, H., Somenzi, F. Symbolic computation of logic implications for technology-dependent low-power synthesis 11030
Bahar, R.I. *see* Pardo, A. 21442
Baharav, Z., Leviatan, Y. Impedance matrix compression (IMC) using iteratively selected wavelet basis for MFIE formulations 33934
Baharav, Z., Leviatan, Y. Scattering analysis using fictitious wavelet array sources 33970
Bahgat, S.F. *see* Seireg, R.H. 53206
Bahi, J., Griepentrog, E., Miellou, J.C. Parallel treatment of a class of differential-algebraic systems 577
Bahierathan, B. *see* Lafontaine, H. 723
Bahir, G. *see* Ariel, V. 41978
Bahl, L.R., Padmanabhan, M., Nahamoo, D., Gopalakrishnan, P.S. Discriminative training of Gaussian mixture models for large vocabulary speech recognition systems 15069

Bahl, L.R. *see* Padmanabhan, M. 15090
Bahl, S.R. *see* Camnitz, L.H. 42947
Bahlmann, N., Gerhardt, R., Doetsch, H. Optical investigation of domain resonances in magnetic garnet films 13429
Bahnacy, A.I., Sharshar, A.A., Elhalafawy, S.M. Closed form solution of the input impedance of multi-shaped symmetrical quadrilateral loop antenna 34245
Bahng, W., Kim, H.J. Epitaxial growth of β-SiC thin films using bis-trimethylsilylmethane on Si(100) with a polycrystalline buffer layer 40375
Bahng Sam-Yong *see* Sam-Yong Bahng
Bahng Wook *see* Wook Bahng
Baholo, B., Atallah, K., Mellor, P.H., Howe, D., Mueller, M.A., Flack, T.J., Williamson, S. Effect of high frequency flux ripple on iron loss in induction machines 9239
Bahoura, M., Hassani, M., Hubin, M. DSP implementation of wavelet transform for real time ECG wave forms detection and heart rate analysis 28335
Bahoura, M., Hassani, M., Hubin, M. Real time wavelet transform implementation for ECG waveforms detection and heart rate analysis 49600
Bahoura, M., Laurent, P., Dimarcq, N., Clairon, A. Analysis of the laser phase noise conversion by an atomic vapor 24115
Bahoura, M., Laurent, P., Santarelli, G., Ghezali, S., Clairon, A., Dimarcq, N. FM noise reduction limits of a laser diode frequency stabilized on an atomic vapor 24022
Bahoura, M. *see* Clairon, A. 27367
Bahoura, M. *see* Clairon, A. 48295
Bahoura, M. *see* Ghezali, S. 27316
Bahr, D., Falta, J., Materlik, G., Mueller, B.H., Horn-von Hoegen, M. X-ray interface characterization of Ge δ layers on Si(001) 10818
Bahr, D. *see* Falta, J. 12628
Bahr, D.F., Bucci, D.V., Schadler, L.S., Last, J.A., Heberlein, J., Pfender, E., Gerberich, W.W. Characterization of d.c. jet CVD diamond films on molybdenum 10906
Bahr, F., Fucile, P.D., Dean, J.P. Seasoar vehicle control and data acquisition 50149
Bahra, R. *see* Minelly, S. 49616
Bahuguna, R.D., Corboline, T. Holographic fingerprint sensor 44761
Bai, D.S., Chun, Y.R., Cha, M.S. Time-censored ramp tests with stress bound for Weibull life distribution 52330
Bai, D.S., Yun, H.J. Accelerated life tests for products of unequal size 30390
Bai, G.-R. *see* Foster, C.M. 40313
Bai, G.-R. *see* Foster, C.M. 52794
Bai, L., Chen, Q., Gu, G., Zhang, B. Interframe comparison denoise method: a new low-light-level image processing technique 15786
Bai, L., Zhang, B., Liu, Y., Chen, Q. Theory and experiment study on low-light-level image by adaptive mode filter 15793
Bai, L. *see* Chen, Q. 15785
Bai, M., Jeon, D., Lee, S.Y., Ng, K.Y., Riabko, A., Zhao, X. Stochastic beam dynamics in quasi-isochronous storage rings 59148
Bai, R. *see* Beresford, R. 21252
Bai, X., Shahidehpour, S.M. Extended neighborhood search algorithm for constrained unit commitment 50431
Bai, Y., Phillips, J.E., Barnett, A.M. Experimental investigation of a field effect back surface passivation of silicon solar cells 39197
Bai, Y.S., Kachru, R. Nonvolatile holographic storage with two-step recording in lithium niobate using CW lasers 55173
Bai, Y.S., Neurogaonkar, R.R., Kachru, R. High-efficiency nonvolatile holographic storage with two-step recording in praseodymium-doped lithium niobate by use of continuous-wave lasers 55930
Bai, Y.S. *see* Shen, X.A. 16680
Bai, Z.D. *see* Kundu, D. 15348
Bai Baogang *see* Wang Guozhao 52532
Bai Baoquan *see* Baoquan Bai
Bai Bo-Ren *see* Bo-Ren Bai
Bai Do Sun *see* Do Sun Bai
Bai Erwei *see* Erwei Bai
Bai Gang *see* Gang Bai
Bai Huazhen *see* Zhang Zhisheng 17319
Bai Juyan, Yao Huannian Regulate electricity pricing to speed up development of electric power industry 19118
Bai Kim Yong *see* Yong Bai Kim
Bai Qinglan, Miao Xinghua, Yuan Yiqian A new type of the anamorphotic optical system for CCD 17474
Bai Shi-Zhong The SR-compactness in L-fuzzy topological spaces 52479
Bai Tongshuo, Zhang Ruquan A study on two-state reliability model of large generating units 50679
Bai Xuefeng, Li Feifeng, Sun Weiwei Realization of hot-swap in real-time application system on network layer 26218
Bai Yang *see* Yang Bai
Bai Yonglin *see* Wang Bing 14424
Bai Yunfeng *see* Yunfeng Bai
Bai Zhaojun *see* Zhaojun Bai
Bai Zhong-Zhi *see* Zhong-Zhi Bai
Bai-Jun Chen *see* Chen Bai-Jun
Bai-Qiang Xu *see* Yin-Liang Yuan 35157
Baibusinov, B.O. *see* Aulchenko, V.M. 37214
Baibusinov, B.O. *see* Aulchenko, V.M. 37250
Baichang Wu *see* Chuangtian Chen 14280
Baichang Wu *see* Zhengdong Li 33700
Baichang Wu *see* Wu Baichang
Baicsy, R. *see* Kakadiaris, I. 46413
Baida Lu, Bin Zhang Propagation and focusing of laser beams with amplitude modulations and phase fluctuations 24066
Baida Lu, Bin Zhang Propagation and focusing properties of high-power laser beams 55769
Baida Lu, Fanlong Kong, Bin Zhang Optical systems expressed in terms of fractional Fourier transforms 56678
Baida Lu *see* Lu Baida
Baidakov, V.V., Ermakov, V.N., Gorin, A.E., Kolomoets, V.V., Stuchinska, N.V., Shenderovskii, V.A., Tunstall, D.P. Metal-insulator transition in degenerated doped Si and Ge under high uniaxial pressure 22199
Baidakova, M.V. *see* Lundin, W.V. 52640
Baidyk, T.N. *see* Kussul, E.M. 23037
Baidyk, T.N. *see* Kussul, E.M. 35059
Baier, P.W., Jung, P. CDMA myths and realities revisited 26571
Baier, S. *see* Fulkerson, D. 40989
Baier, S. *see* Weatherford, T.R. 43339
Baier, T.V. *see* Artru, X. 49308
Baier, V.N. *see* Artru, X. 49308
Baier-Saip, J.A., Eichler, H.J., Iryanto, I., Macdonald, R. Submicrosecond switching with a Fabry-Perot interferometer containing a nematic liquid crystal 3478
Baig, Z. *see* Saqib, N. 38492
Baigar, E. *see* Hauger, C. 16973
Baige Liu *see* Liu Baige
Baigent, D.R., Holmes, A.B., Moratti, S.C., Friend, R.H. Electroluminescence in conjugated polymers: excited states in cyano-derivatives of poly(p-phenylenevinylene) 13876
Baijun Chen, Shanjua Xue, Jingying Hou, Haiyan An, Jinsong Huang, Yi Yang, Shiyong Liu, Yuguang Ma, Jiacong Shen Blue light-emitting diodes made of molecular-doped polymer and large area light-emitting display 23696
Baijun Chen *see* Chen Baijun
Baik, H.K. *see* Kwak, J.S. 42262
Baik, H.K. *see* Kwak, J.S. 42285
Baik, H.K. *see* Park, S.W. 54262
Baik, H.K. *see* Shim, J.Y. 54267
Baik, K.-H. *see* Ahn, C.-N. 2488
Baik, S. *see* Tcheliebou, F. 2954
Baik, Y., Drew, R.A.L. Aluminum nitride: processing and applications 30206
Baik Hong Koo *see* Hong Koo Baik
Baik Hong-Koo *see* Hong-Koo Baik
Baik In-Cheol *see* In-Cheol Baik
Baik Ki-Ho *see* Ki-Ho Baik
Baik Sunggi *see* Sunggi Baik
Baik Young-Joon *see* Young-Joon Baik
Baik-Hyung Han *see* Cheol-Hoi Kim 44436
Baikau, F. *see* Anderson, S. 40913
Bailbe, J.P. *see* Andrieux, L. 11705
Bailey, A., Lada, T., Preston, J. Collateral ASIC test 32501
Bailey, B.C. *see* Caimi, F.M. 38094
Bailey, C., Sotudeh, R. VLSI design techniques in teaching and research 20568
Bailey, D. Clones unthroned 1486
Bailey, D.E. Manufacturing improvement team programs in the semiconductor industry 30119
Bailey, D.G., Shand, R.D. Determining large scale sandbar behaviour 60081
Bailey, D.H., Borwem, J.M., Crandall, R.E. On the Khintchine constant 40129
Bailey, D.L., Townsend, D.W., Kinahan, P.E., Grootoonk, S., Jones, T. An investigation of factors affecting detector and geometric correction in normalization of 3-D PET data 28232
Bailey, H. *see* Richmond, R. 6971
Bailey, J.D. *see* Olsen, D.K. 49153
Bailey, M., Doerr, J. Contributions of hardware-in-the-loop simulations to Navy test and evaluation 28503
Bailey, M. *see* Antos, J. 37373
Bailey, M.C. *see* Patel, P.D. 34404
Bailey, N.J. *see* Trayner, C. 57312
Bailey, P., Carkner, D., Wu, X. Trailing edge light emission from ZnS:Mn and ZnS:Tb,F in a thick dielectric electroluminescent display 44259
Bailey, P. *see* Thornton, J.M.C. 2244
Bailey, R.J. *see* Donnelly, J.P. 3831
Bailey, R.J. *see* Donnelly, J.P. 14195
Bailey, R.J. *see* Walpole, J.N. 3824
Bailey, S. *see* Dahlin, M.J. 18931
Bailey, S.G. *see* Yater, J.A. 38980
Bailey, S.M. *see* Solomon, S.C. 60062
Bailey, T. *see* Cole, R.A. 14998
Bailey, T.J. *see* Hewlett, S.J. 3368
Bailin, M.T. *see* Bergeron, B.P. 6234
Bailing Yang *see* Yang Bailing
Baillard, C., Dissard, O., Jamet, O., Maitre, H. Detection of above-ground in urban areas: application to DTM generation 46389
Baillargeon, J.N. *see* Capasso, F. 14180
Baillargeon, S. ATM addressing 6394
Baillet, S., Garnero, L. A Bayesian approach to introducing anatomo-functional priors in the EEG/MEG inverse problem 59682
Baillieu, F. A new switched capacitor approach for digital designers dedicated for microsystem electronics 11604
Baillon, P. *see* Alexeev, G. 59200
Bailon, L.A. *see* Marques, L.A. 32163
Bain, A.J., Squire, A. Super-Gaussian field statistics in broadband laser emission 23769
Bain, D. Reducing IM distortion in CDMA cellular telephones 47683
Bain, R.J.P. *see* Mosher, J.C. 49471
Bainbridge-Smith, A., Lane, R.G. Determining optical flow using a differential method 25278
Baine, P.T. *see* Quinn, L.J. 10917
Baines, C.G.Stafford *see* Stafford Baines, C.G.
Baines, G.D. *see* McDonald, S.P. 19753
Baines, S.J., Burr, A.G., Tozer, T.C. Double window multi-user detection for asynchronous DS-CDMA 5815
Bainier, C. *see* Charraut, D. 46031
Bains, S. *see* Arthurs, C.P. 36657
Bainville, E. *see* Lachaud, J.-O. 35203
Baiocchi, A., Blefari-Melazzi, N., Cuomo, F., Listanti, M. Circuit emulation approach to traffic control in a B-ISDN 47235
Baiocchi, A., Blefari-Melazzi, N., Listanti, M., Soprano, C. Modelling and dimensioning of an integrated circuit and packet switching scheme onboard a processing satellite 6683
Baiocchi, A., Delli Priscoli, F., Sestini, F. Improving the Erlang capacity of a CDMA cellular network under bursty user mobility 47642
Baiocchi, O.R. *see* Bishop, W.J. 20494
Baiping Yan *see* Yan Baiping
Baiqing Qu *see* Qu Baiqing
Bair, A.E., Alford, T.L., Atzmon, Z., Marcus, S.D., Doller, D.C., Morton, R., Lau, S.S., Mayer, J.W. Cobalt and titanium metallization of SiGeC for shallow contacts 42692
Bair, A.E., Atzmon, Z., Alford, T.L., Chandrasekhar, D., Smith, D.J. Wet oxidation of $Si_{1-x-y}Ge_xC_y$ layers on (100) Si 54430
Bair, A.E. *see* Jaquez, E.J. 32194
Bair, A.E. *see* Sego, S. 21289
Bair, R.H., III *see* Clements, J.S. 39457
Bairamov, B.H., Aydinli, A., Bodnar', I.V., Rud, Yu.V., Nogoduyko, V.K., Toporov, V.V. High power gain for stimulated Raman amplification in $CuAlS_2$ 3745
Bairati, G. Testing and quality [developments in testing and measuring equipment] 36380
Baird, B.W., DeFreez, R.K. Beam propagation method modeling of second harmonic generation in periodically segmented potassium titanyl phosphate waveguides 4095
Baird, F.H. *see* Lacquet, B.M. 28448
Baird, J. *see* Murchison, C. 21005
Baird, K. *see* Abe, K. 37234
Baird, M.H.I. *see* He, W. 32730
Baird, P. *see* Yang, Q. 7296
Baird, P.D. Concept for a low profile mold-in-place accelerometer 18973
Bairu Zhao *see* Zhao Bairu
Baisotti, R. *see* Fiorillo, A.S. 60119
Baissevain, J. *see* Britton, C.L., Jr. 59321
Baitin, A.V., Serebrennikov, K.S., Sionov, A.B. Neutralization of ion beam by means of transverse injection of electrons 49265
Baitinger, U. *see* Gumm, M. 9876
Baiulescu, G.-E. *see* Stefan, R.-I. 48434
Baixeras, C. *see* Fernandez, F. 8192
Baizakov, B.B. *see* Abdullaev, F.K. 43970
Baj, M. *see* Wasik, D. 22232
Baja, G.Sanniti di *see* Sanniti di Baja, G.
Bajaj, C.L., Xu, G.L. Piecewise rational approximations of real algebraic curves 21139
Bajaj, J., Arias, J.M., Zandian, M., Edwall, D.D., Pasko, J.G., Bubulac, L.O., Kozlowski, L.J. Uniform low defect density molecular beam epitaxial HgCdTe 708
Bajaj, J. *see* Benson, J.D. 21287
Bajaj, J. *see* Bubulac, L.O. 2099
Bajaj, J. *see* Motamedi, M.E. 58848
Bajaj, J. *see* Svoronos, S.A. 10856
Bajaj, K.K. *see* Chtchekine, D.G. 40314
Bajaj, K.K. *see* Iyer, S. 27580
Bajars, G. *see* Pentjuss, E. 3309
Bajazitov, R.A. *see* Agishev, R.R. 8524
Bajazitov, R.A. *see* Agishev, R.R. 38048
Bajazitov, R.A. *see* Agishev, R.R. 50047
Bajcsy, J. *see* Sencek, F. 9858
Bajcsy, J. *see* Syrova, L. 17865
Bajcsy, P., Ahuja, N. Uniformity and homogeneity-based hierarchical clustering 5351
Bajcsy, R. *see* Hoogs, A. 15555
Bajcsy, R. *see* Venetianer, P.L. 46330
Bajd, T., Stefancic, M., Matjacic, Z., Kralj, A., Savrin, R., Benko, H., Karcnik, T., Obreza, P. Improvement in step clearance via calf muscle stimulation 49757
Bajdechi, O., McNally, P.J. Stress induced charge effects in AlGaAs/GaAs heterojunction bipolar transistors 42966
Bajer, J. *see* Haderka, O. 24185
Bajer, J. *see* Horak, R. 14569
Bajic, B. A practical approach to vibro-acoustic assessment of turbine cavitation [hydroelectric turbines] 29138
Bajj, M. *see* Salous, S. 36045
Bajj, N. *see* Salous, S. 6599

Bajkova, A.T. Reconstruction of ISAR images using generalized information methods 26971
Bajo, G. *see* Bolognesi, A. 55447
Bajon, D. *see* Neto, A.G. 45301
Bajons, P. *see* Wittmann, H. 51572
Bajor, A.L. Application of imaging conoscope for optical inhomogeneity testing in $LiNbO_3$ crystals and components 32983
Bajpai, M. *see* Sidhu, T.S. 50627
Bajs, D. Transient stability analysis of the planned electric power system in the region of mid-Dalmatia 60323
Bajwa, R.S., Owens, R.M., Kelliher, T.P. Simultaneous speech segmentation and phoneme recognition using dynamic programming 24849
Bajwa, R.S. *see* Hiraki, M. 11477
Bak, E. *see* Madihian, M. 41509
Bak, G.W. *see* Dluzniewski, M. 22326
Bak, J.S. *see* Ko, I.S. 37017
Bak, P.A. *see* Aleksandrov, A.V. 49205
Bak, R. Matching in stereovision based on the analysis of structures created by neighbouring line segments 5220
Bak, T., Nowotny, J., Sorrell, C.C. Electrical properties of metal oxides at elevated temperatures 38949
Bak-Misiuk, J., Leszczynski, M., Paszkowicz, W., Domagala, J. Influence of redistribution of electrons in the conduction band on the lattice parameters of $Al_xGa_{1-x}As$ 12215
Bak-Misiuk, J. *see* Leszczynski, M. 12225
Bak-Misiuk, J. *see* Szuszkiewicz, W. 12439
Bakakin, G.V. *see* Arbuzov, V.A. 15453
Bakakin, G.V. *see* Belousov, P.Ya. 7582
Bakal, B., Adah, T., Fakory, R., Komo, D., Sonmez, M.K., Tsaoi, C.O. Neural network simulation of real time core neutronic model 9055
Bakal, B., Adali, T., Fakory, R., Komo, D., Sonmez, M.K., Tsaoi, C.O. Simulation of nuclear reactor core dynamics by recurrent neural networks 38512
Bakal, B., Adali, T., Sonmez, M.K., Fakory, R. Time delay neural networks for NO_X and CO prediction in fossil fuel plants 60532
Bakan, G.M. New algorithms of observation and filtration on the basis of the method of fuzzy ellipsoids 4744
Bakas, T. *see* Moukarika, A. 32803
Bakel, G.P.E.M.van *see* van Bakel, G.P.E.M.
Baken, N.H.G. Optical access network in Netherlands: vision, planning and roll-out 16455
Baken, N.H.G. From copper to fibre, from PDH to SDH/ATM, from POTS to interactive multimedia services 47450
Baker, A.C., Ward, B., Humphrey, V.F. The effect of receiver size on nonlinear pressure field measurements 7680
Baker, A.C. *see* Ward, B. 37680
Baker, B. *see* Sadwick, L.P. 1918
Baker, B.C. Design tips for fast difference amplifiers 21497
Baker, B.C. Extending the output swing of high speed amplifier drivers 31153
Baker, C.C., Stewart, P.A. International Thermonuclear Experimental Reactor 19473
Baker, C.J. *see* Belcher, D.P. 16880
Baker, C.W. *see* Bogucki, T.M. 49505
Baker, D., op de Beeck, M., Botermans, H., van den Hove, L. Manufacturable DUV lithography processes for 0.25 μm technology contact and via layers 42879
Baker, D.K., Sherif, S.A. Heat transfer optimization of a district heating system using search methods 60520
Baker, D.S.G. Plant performance and condition monitoring at Sizewell B power station 9023
Baker, F. Lies, damned lies and RSVP 57706
Baker, H.J. Direct measurement of the electrical impedance of narrow gap radio frequency gas discharges in the 100 MHz region [and CO_2 laser application] 12059
Baker, H.J. *see* Morley, R.J. 33371
Baker, H.T., Abramski, K.M., Colley, A.D., Taghizadeh, M.R., Hall, D.R. Slab waveguide lasers with diffractive-optics resonator 33367
Baker, I.M., Crimes, G.J., Lockett, R.A., Marini, M.E., Alfuso, S. CMOS/HgCdTe, 2D array technology for staring systems 36656
Baker, I.M. *see* Arthurs, C.P. 36657
Baker, J., Calvert, M.E., Power, D.J., Chen, E.T., Ramalingam, M.L., Lamp, T.R. On the role of the Knudsen number with respect to heat transfer in micro-scale flows [in microelectronics circuits] 22076
Baker, J. *see* Edgar, D.R. 28389
Baker, J. *see* Padros, N. 48190
Baker, J.A. *see* Floyd, C.E., Jr. 49447
Baker, J.A. *see* Lo, J.Y. 59563
Baker, J.E. *see* Hartmann, Q.J. 40640
Baker, J.M., Jr *see* Wills, D.S. 3657
Baker, K., Richardson, A.M., Dorey, A.P. Mixed signal test–techniques, applications and demands 11607
Baker, K., von Beers, J. Shmoo plotting: the black art of IC testing 31167
Baker, K. *see* Vepa, K. 42568
Baker, K.M. *see* Wu Jiang 4097
Baker, K.R. *see* Brown, A.D. 40786
Baker, M., Brand, O., Allen, M., May, G. A micromachined sensor for in-situ monitoring of wafer state in plasma etching 42529
Baker, M.A. *see* Hammer, P. 40617
Baker, M.D., Brand, O., Allen, M.G., May, G.S. A micromachined sensor for in-situ monitoring of plasma etching 2418
Baker, N.T., Morlock, S.E. Use of a global positioning system and an acoustic Doppler current profiler to map river and lake bathymetry 60085
Baker, P. *see* Barnaby, H. 22957
Baker, P.E., Kaspari, D.K. Low cycle fatigue analysis and test methodology for fine pitch leaded surface mount components 1758
Baker, R. *see* Zylbersztejn, A. 26901
Baker, R.A. System design provides mobile surveillance 6924
Baker, R.D. Some new tests of the power law process 10212
Baker, R.D., Scarf, P.A., Wang, W. A delay-time model for repairable machinery: maximum likelihood estimation of optimum inspection intervals 49835
Baker, R.M. *see* Cirelli, R.A. 32279
Baker, S. Serving up mail: POP and IMAP 6016
Baker, S. Comparing desktop NFS clients 6216
Baker, S., Nayar, S.K. Algorithms for pattern rejection 5584
Baker, S. *see* Murphy, C.T. 49262
Baker, S. *see* Selley, C.J. 35664
Baker, S.P. *see* Joo, Y.-C. 42775
Baker, T.L. *see* McGuire, K. 32200
Baker, T.L. *see* Voloshin, A.S. 36496
Baker, T.S., Dormand, J.R., Gilmore, J.P., Prince, P.J. Continuous approximation with embedded Runge-Kutta methods 21169
Baker, W.G. *see* Riad, S.M. 53643
Baker-Jarvis, J. *see* Krupka, J. 41427
Bakharev, S.A. Method of reducing the inherent noise level in parametric receivers [used in hydroacoustic systems] 14748
Bakhmutsky, M. High-performance variable length decoder with two-word bit stream segmentation 15647
Bakhmutsky, M. Pair-match Huffman transcoding to achieve a highly parallel variable length decoder with two-word bit stream segmentation 48232
Bakhru, H. *see* Yang, G.-R. 12586
Bakhru, U. *see* Pelella, A.R. 1413
Bakhshai, A., Espinoza, J., Joos, G., Jin, H. A combined artificial neural network and DSP approach to the implementation of space vector modulation techniques 29450
Bakhshai, A.R., Jin, H., Joos, G. Reduction of harmonic concentration and acoustic noises using variable selective harmonic elimination technique 51659
Bakhshai, A.R., Joos, G., Jin, H. EMTP simulation of multi-pulse unified power flow controllers 19195
Bakhshi, N.N. *see* Katikaneni, S.P.R. 28987
Bakhtazad, A., Abiri, H., Ghayour, R. A general transform for regularizing planar open waveguide dispersion relation 33073
Bakhtiari, S., Safavi-Naini, J., Pieprzyk, J. On selectable collisionful hash functions 24773
Bakhtiari, S., Safavi-Naini, R., Pieprzyk, J. On password-based authenticated key exchange using collisionful hash functions 24774
Bakhtiari, S. *see* Gopalsami, N. 50216
Bakhtizin, R.Z., Gots, S.S. On estimating the equivalent temperature of Schottky noise in semiconductor cold emitters 53893
Bakhuizen, B.H. Digital audio broadcasting developments in the Netherlands 7048
Baki, S.R.S., Saibon, H., Lo, K.L. Kalman-fuzzy neural algorithm in short term load forecasting 28843
Bakic, P. *see* Vujovic, N. 59559
Bakic, P.R., Vujovic, N.S., Brzakovic, D.P., Kostic, P.D., Reljin, B.D. CNN paradigm based multilevel halftoning of digital images 25556
Bakic, P.R. *see* Vujovic, N.S. 35087
Bakirov, M.Ya., Shakhbazova, R.V. Radiation effects in heterophotoconverters InP-CdS irradiated by electrons with an energy of 5 MeV and the action of external factors on them 29644
Bakirov, N.K. Local asymptotical normality for stationary Gaussian sequences with degenerate spectral density 15228
Bakirtzis, A. *see* Kiartzis, S. 50482
Bakit'ko, R.V., Pol'shchikov, V.P., Khatskelevich, Ya.D., Shilov, A.I. Optimization of digital signal-processing techniques used in navigation signal receivers of the GLONNASS system 48163
Bakkali, S. *see* Bouhdada, A. 54623
Bakkali, S. *see* Bouhdada, A. 54659
Bakkar, E.A. *see* Sobhy, M.I. 21898
Bakkar, E.A. *see* Sobhy, M.I. 53567
Bakke, B. *see* Hjelme, D.R. 51737
Bakke, J.W. *see* Hestnes, B. 47247
Bakken, B.E. *see* Midttun, A. 50352
Bakker, A., Huijsing, J.H. Offset reduction in current-mode microsystems 2874
Bakker, C.J., Hoogeveen, R.M., Weber, J., van Vaals, J.J., Viergever, M.A., Mali, W.P. Visualization of dedicated catheters using fast scanning techniques with potential for MR-guided vascular interventions 28168
Bakker, C.J.G., Hartkamp, M.J., Mali, W.P.T.M. Measuring blood flow by nontriggered 2D phase-contrast MR angiography 37624
Bakker, E. Origin of anion response of solvent polymeric membrane based silver ion-selective electrodes 27702
Bakker, F. *see* Adam, A. 37280
Bakker, G.L., Hess, D.W. Removal of thermally grown silicon dioxide films using water at elevated temperature and pressure 42478
Bakker, K.J. *see* Wilson, C.D. 15582
Bakker, M.de *see* de Bakker, M.
Bakker, P. *see* Berthouze, L. 36677
Bakker, R. *see* Marsi, M. 31782
Bakker, S., Behringer, M.H. A guide to acceptance testing 6249
Bakkes, P.J., Du Plessis, J.J., Hutchings, B.L. Mixing fixed and reconfigurable logic for array processing 21716
Bakkoury, J., Castanie, F., Roviras, D. Evolutionary ARMA modelling of time-varying impulse response 26602
Bakli, M., Baud, L., M'Saad, H., Pique, D., Rabinzohn, P. Materials and processing for 0.25 μm multilevel interconnect 42731
Bakli, M. *see* Marcadal, C. 40645
Bakli, M. *see* Ulmer, L. 40649
Bakonyi, Z. *see* Szatmari, S. 24061
Bakor, Y. *see* Vilas-Boas, J.W.S. 17013
Bakos, J.S. *see* Sarkozi, J. 3683
Bakos, R. *see* Chesney, J.R. 8288
Bakre, A.V., Badrinath, B.R. Implementation and performance evaluation of Indirect TCP 46743
Bakre, A.V., Badrinath, B.R. Reworking the RPC paradigm for mobile clients 47583
Bakry, S.H., al-Kady, I.A. Analysis of public access provisioning requirements for information networks 57946
Baksalary, O.H., Barnas, J. Quasiclassical theory of spin-valve magnetoresistance: role of spin-flip scattering 55038
Baksheyev, D.G. *see* Tkachenko, O.A. 22308
Baksheyev, D.G. *see* Tkachenko, O.A. 31980
Bakshi, B.S., Krishna, P., Pradhan, D.K., Vaidya, N.H. Providing seamless communication in mobile wireless networks 58148
Bakshi, R.K., Gibson, G. The first successful application to large FAA ATC metroplex facilities of self-clocking, self-framing, widely-dispersed communications switching elements 49974
Baksht, F.G., Ivanov, V.G. Generation of hydrogen negative ions in a low voltage cesium-hydrogen discharge in a hollow cathode 37173
Bakunov, M.I., Maslov, A.V. Trapping of electromagnetic radiation by the boundary of time-varying plasma 4277
Bakush, M.M. *see* Cunningham, M.J. 32760
Bakuto, I.A. *see* Bushik, A.I. 22128
Bakuto, I.A. *see* Bushik, A.I. 23219
Bal, S., Kinsner, W. Image denoising for reduced-search fractal block coding 15497
Bala, J., DeJong, K., Huang, J., Vafaie, H., Wechsler, H. Visual routine for eye detection using hybrid genetic architectures 5631
Bala, J.L., Jr., Kuntz, P.A., Pebles, M.J. Optimal capacitor allocation using a distribution-analyzer-recorder 38347
Bala, P. Dynamics of the tunneling phenomena in heterostructures 2133
Bala, P. Photon assisted tunneling in ZnSe-ZnTe double barrier heterostructures 12353
Balabanian, V., Casey, L., Greene, N., Adams, C. An introduction to digital storage media-command and control 6322
Balabanov, E.D. *see* Jankowski, M.W. 29030
Balabin, A.I., Kropachev, G.N. Application of RF crossed lenses for beam focusing in linac 49098
Balabin, A.I. *see* Andreev, V.A. 37025
Balachandran, B. *see* Bordovsky, M. 36487
Balachandran, B. *see* Masad, J.A. 40224
Balachandran, K., Anderson, J.B. Reduced complexity sequence detection for nonminimum phase intersymbol interference channels 25826
Balachandran, K., Anderson, J.B. Mismatched decoding of ISI design channels using parallel concatenation and iterative soft output detection 45630
Balachandran, R.M., Lawandy, N.M., Moon, J.A. Theory of laser action in scattering gain media 55514
Balachandran, U. *see* Iyer, A.N. 55081
Balachandran, W., Machowski, W., Groemping, M. Precipitation of inhalable smoke particles using electrostatic ultrasonic nozzle 33837
Balachandran, W. *see* Hrabar, S. 27431
Balachandran, W. *see* Machowski, W. 33850
Balagura, V., Belyaev, I., Chistov, R., Danilov, M., Mizyuk, R., Eiges, V., Pakhlov, P., Popov, V., Tikhomirov, I. A simple gas pixel chamber 37222
Balagurov, L.A., Yarkin, D.G., Petrova, E.A., Orlov, A.F., Karyagin, S.N. Effects of vacuum annealing on the optical properties of porous silicon 12136
Balaji, S.S., Shapiro, J.A., Gardiner, K.M. A projection for a 300 mm wafer fabricator in 2001 32491
Balaji, T. *see* Lifante, G. 55279
Balakin, V. *see* Alexandrov, V. 37144
Balakin, V.E. *see* Dolbilov, G.V. 37044
Balakirev, V.A., Sidelnikov, G.L. Electromagnetic pulse diffraction on a plane-screen aperture 56038
Balakirev, V.A. *see* Fainberg, Ya.B. 22153
Balakirev, V.V., Ivanov, V.P., Makarov, A.S., Sadchikov, V.V., Krechetnikova, O.L., Sytenkov,

V.N. Laser station for expeditious monitoring of the dust-gas regime of ore quarries 16971
Balakirsky, J., Hall, W.J., Jr. COTS for military applications: been there, done that, got the PC cards 8581
Balakirsky, S.B., Chellappa, R. Performance characterization of image stabilization algorithms 57260
Balakrishna, V. *see* Agarwal, A.K. 42044
Balakrishnan, M. *see* Naseer, A.R. 11074
Balakrishnan, M. *see* Naseer, A.R. 52971
Balakrishnan, N.T. Zero to sixty in six seconds; a small company's experience in the development of PTFE (Teflon) lamination capability 53763
Balakrishnan, S., Ozguner, F. The effect of flow control and routing adaptivity on priority-driven traffic in multiprocessor networks 16023
Balamuralidhar, P., Agarval, A., Easwar, K., Sarkar, B.K. Signal processing scheme for a subsurface radar to detect waterlogging in coal mines 6929
Balamuralidhar, P. *see* Easwar, K. 6885
Balan, F.S. *see* Korosec, A. 61320
Balan, H. *see* Munteanu, R. 48895
Balanda, A. *see* Schicker, R. 18140
Balanis, C.A. *see* Jian Peng 33924
Balanis, C.A. *see* Katsibas, K.D. 34314
Balanis, C.A. *see* Polycarpou, A.C. 34225
Balanis, C.A. *see* Seong-Ook Park 34133
Balanis, C.A. *see* Seong-Ook Park 45332
Balanis, C.A. *see* Seong-Ook Park 56176
Balart, R., Byrnes, J.S., Cochran, D., Larkin, M., Moran, W. Decision aids for asset-to-objective allocation 415
Balas, C. An imaging colorimeter for noncontact tissue color mapping 59534
Balasa, F., Catthoor, F., De Man, H.J. Practical solutions for counting scalars and dependences in ATOMIUM–a memory management system for multidimensional signal processing 57333
Balasingam, D., Johnson, K.A. Power system studies and protection setting during pre-commissioning 9019
Balasingam, P. *see* Xiaodong Wang 43160
Balasingham, I., Fuldseth, A., Ramstad, T.A. A comparison of different optimized structures of filter banks for video coding 46357
Balasingham, I., Ramstad, T.A. Optimized perfect reconstruction tree-structured filter banks for image coding 56797
Balasubramaniam, K., Whitney, S.C. Ultrasonic through-transmission characterization of thick fibre-reinforced composites 11016
Balasubramaniam, K. *see* Lakshmanan, S. 40256
Balasubramaniam, S. *see* Sarwar, A. 20936
Balasubramanian, G., Sundaram, P. On some generalizations of fuzzy continuous functions 30482
Balasubramanian, R., Fitz, M.P., Krogmeier, J.G. Suboptimal symbol-by-symbol demodulation of continuous phase modulated signals with phase and frequency offset estimation 24629
Balasubramanian, R., Fitz, M.P., Krogmeier, J.V. Suboptimal symbol-by-symbol demodulation of continuous phase modulated signals 4437
Balasubramanian, R. *see* Gelfand, S.B. 4881
Balasubramanian, S., Venkataraman, V. Valley splitting in $Si/Si_{1-x}Ge_x$ heterostructures 12334
Balat, M., Czerniak, M., Berjoan, R. Oxidation of silicon nitride under standard air or microwave-excited air at high temperature and low pressure 40665
Balatchev, S., Gautier, J.-L., Delacressonniere, B. Using a negative conductance for optimizing the resistive mixers conversion losses 53665
Balaud, B. *see* Nuninger, W. 60788
Balay, R.I., Nilsson, A.A. Modelling of SONET links for per-session study of an ATM multiplexer 47470
Balaz, I., Minarik, M. Towards an OCXO with infrared heater 13358
Balaz, Z. Dynamic programs of preventive maintenance of specialized airport equipment 28583
Balazinski, M. *see* Mayer, J.R.R. 58998
Balbashov, A.M., Parsegov, I.Yu., Kov'ev, E.K., Vengrus, I.I., Kupriyanov, M.Yu., Polyakoc, S.N., Snigirev, O.V. HTSC Josephson junctions and DC SQUIDs on $SrTiO_3$ bicrystal substrates grown by floating zone method 43747
Balbastre, J.V., Nuao, L. Susceptibility analysis of arbitrarily shaped 2-D slotted screens using a hybrid modal-finite element technique 45256
Balbastre, J.V. *see* Nuno, L. 45329
Balbekov, V.I. Achievable transverse emittance of beam in muon collider 17930
Balberg, M. *see* Razvag, M. 32975
Balboni, A., Valenti, L. ASIC design and FPGA design: a unified design methodology applied to different technologies 11149
Balcells, A., Jameson, R.M., Iskander, M.F., de los Santos Vidal, O., Jachmann, D. Practical applications-based multimedia modules for engineering education 20645
Balcells, A. *see* de los Santos Vidal, O. 20644
Balcer, D. *see* Van Sciver, S.W. 43854
Balch, K. *see* Bouvy, R. 17096
Balchen, J.G. *see* Shi Yin 46249
Balchin, M.J. *see* Eastham, J.F. 51034
Balchin, M.J. *see* Ionel, D.M. 9259
Balchunas, J. Convection oven programming 41628
Balcombe, H.G. The assessment and management of aged oil-filled switchgear 51394
Bald, A. *see* Schwegmann, P. 60453
Balda, R. *see* Azkargorta, J. 33464
Baldasaro, P.F. *see* Charache, G.W. 38994
Baldazzi, G. *see* Rossi, M. 31003
Baldereschi, A. *see* Bardi, J. 12522
Baldereschi, A. *see* Berthod, C. 12520
Baldereschi, A. *see* Berthod, C. 54250
Baldetorp, B. *see* Blad, B. 18453
Baldev Raj *see* Shakshin, N.I. 40724
Baldi, L. Industry roadmaps: the challenge of complexity 10023
Baldi, M., Macii, E., Poncino, M. Hardware simulation: a flexible approach to verification and performance evaluation of communication protocols 5883
Baldi, M., Macii, E., Poncino, M. Efficient analysis of communication protocols using VHDL modeling and simulation 57631
Baldi, M. *see* Marsan, M.A. 5858
Baldi, P., Hornik, K. Universal approximation and learning of trajectories using oscillators 53485
Baldi, P., Sundheimer, M., El Hadi, K., de Micheli, M.P., Ostrowsky, D.B. Comparison between difference-frequency generation and parametric fluorescence in quasi-phase-matched lithium niobate stripe waveguides 44689
Baldi, P. *see* Korkishko, Yu.N. 23543
Baldi, P. *see* Tartarini, G. 55282
Baldi, P. *see* Thyagarajan, K. 4321
Baldi, P. *see* Trevino-Palacios, C.G. 4094
Baldick, R., Clements, K.A., Pinjo-Dzigal, Z., Davis, P.W. Implementing nonquadratic objective functions for state estimation and bad data rejection 50306
Baldick, R., Kahn, E. Contract paths, phase-shifters, and efficient electricity trade 60300
Baldick, R. *see* Kim, B.H. 60310
Baldin, A.A., Levin, B.M. Low-flow measurements with roller/blade tachometric chamber transducers 36508
Baldin, A.M., Donets, E.D., Donets, E.E., Govorov, A.I., Issinsky, I.B., Kovalenko, A.D., Kalagin, I.V., Monchinsky, V.A., Popov, V.A., Alonso, J.R. Upgrades of the Nuclotron injector for acceleration of ions with Z/A=0.28 37160
Baldin, E.M. *see* Aulchenko, V.M. 37250
Baldine, I. *see* Rouskas, G.N. 57668
Baldini, F., Cecchi, P. Bilitec 2000: an optical fibre sensor for bile reflux 59544
Baldini, R. *see* Paolucci, P. 37242
Baldini, W. *see* Ambrogiani, M. 59219
Baldini-Ferroli, R. *see* Andryakov, A. 37226
Baldner, R., Lautenschlager, H., Schetter, C., Schindler, R., Warta, W. Open circuit voltage losses in multicrystalline silicon: an investigation by mini solar cells (MSC) 39024
Baldochi, S.L., Santo, A.M.E., Martins, E., Duarte, M., Vieira, M.M.F., Vieira, N.D., Jr., Morato, S.P. Growth and characterization of $BaLiF_3$:TM (Ni^{2+}, Co^{2+}) for laser applications 10600
Baldochi, S.L. *see* Ranieri, I.M. 10604
Baldridge, S. *see* Pope, P. 50226
Baldwin, A.W. Enroute ATC modernization: a technical description of the FAA's interim upgrades 49971
Baldwin, D. *see* Dessard, V. 11573
Baldwin, D.F., Deshmukh, R.D., Hau, C.S. Gallium alloy interconnects for flip-chip assembly applications 1848
Baldwin, J. *see* Basu, A. 25489
Baldwin, J. *see* Corr, D. 6934
Baldwin, K.W. *see* Stormer, H.L. 12470
Baldwin, K.W. *see* Yacoby, A. 12385
Baldwin, K.W. *see* Yacoby, A. 12512
Baldwin, R.W., Chang, C.V. Locking the e-safe 34534
Baldwin, S. *see* Taylor, R. 50837
Baldwin, T., Ginther, J., Dere, T., Nelson, P. Digital data link (DDL) through battlefield combat identification system (BCIS) 60141
Baldwinson, M. *see* Eaton, R. 32845
Baldygo, W.J., Jr. *see* McMillan, R.W. 50044
Bale, C.W. *see* Kirchnerova, J. 48737
Balemarhy, K. *see* Egolf, T. 31055
Balembois, F., Druon, F., Falcoz, F., Georges, P., Brun, A. Performances of $Cr:LiSrAlF_6$ and $Cr:LiSrGaF_5$ for continuous-wave diode-pumped Q-switched operation 55571
Balembois, F., Falcoz, F., Kerboull, F., Druon, F., Georges, P., Brun, A. Theoretical and experimental investigations of small-signal gain for a diode-pumped Q-switched Cr:LiSAF laser 23865
Balembois, F. *see* Falcoz, F. 33450
Baleriaux, D. Neuroradiology: past, present and future 7917
Bales, J. A low-power, high-speed, current-feedback op-amp with a novel class AB high current output stage 21507
Balestieri, J.A.P., De Barros Correia, P. Multiobjective linear model for pre-feasibility design of cogeneration systems 50758
Balestra, F. *see* Cristoloveanu, S. 43286
Balestra, F. *see* Jomaah, J. 42987
Balestra, F. *see* Jomaah, J. 42991
Balestra, F. *see* Reichert, G. 13000
Balestra, F. *see* Renn, S.H. 12999
Balestra, F. *see* Renn, S.H. 43076
Balestro, F. *see* Andre, E. 53363
Balian, R., Bessis, D., Mezincescu, G.A. Mesoscopic description of heterojunctions 2100
Balick, L. *see* Pope, P. 50226
Baliev, L. *see* Antipov, Yu. 37233
Baliga, A. *see* Agahi, F. 55602
Baliga, B.J. *see* Alok, D. 54382
Baliga, B.J. *see* Alok, D. 54455
Baliga, B.J. *see* Alok, D. 54456
Baliga, B.J. *see* Mehrotra, M. 2613
Baliga, B.J. *see* Sridhar, S. 54614
Baliga, B.J. *see* Thapar, N. 54593
Balinacy, A.I., Awadalla, K.H., Sharshar, H.A., Zainud-Dean, S.H. Radiation characteristics of open rectangular loop antenna 56159
Balint, L. HCI methods and tools in computer-supported interpersonal communication: towards error-free information exchange in human-to-human interaction 57712
Balistreri, F. *see* Divekar, D. 1858
Balivada, A., Hong Zheng, Nagi, N., Chatterjee, A., Abraham, J.A. A unified approach for fault simulation of linear mixed-signal circuits 21821
Baljon, M.H., Gerritsen, M.G.J.M. Use of object oriented relational databases for cardiac images 37935
Balka, L.J. *see* Allison, W.W.M. 37269
Balkan, N. *see* O'Brien, A. 23960
Balkan, N. *see* Teke, A. 44473
Balkanski, M. *see* Fargues, D. 52827
Balkcom, G.W. *see* Rapport, I.D. 38145
Balkenende, A.R., Bogaerts, A.A.M.B., Scholtz, J.J., Tijburg, R.R.M., Willems, H.X. Thin MgO layers for effective hopping transport of electrons [Zeus displays] 58938
Balkenende, A.R., Jaarsma, G.T., Hoogsteen, W., Lobl, H.P., Scholten, M. High-voltage stability coatings in the Zeus panel 58940
Balkenende, A.R. *see* Young, E.W.A. 58941
Balkowski, I. *see* Dietz, G. 59090
Ball, A., Yau, S., Gutman, G., Swenson, D.E. Antistatic masking tapes for solder flux reflow processing of printed circuit boards 22029
Ball, A.D. *see* Jacob, P.J. 4740
Ball, A.E., Katsanevas, S., Vassilopoulos, N. Design studies for a long base-line neutrino beam 37041
Ball, A.R. *see* van der Graaf, A. 43668
Ball, C.A. *see* Cha-Mei Tang 22149
Ball, C.F., Mlynski, D.A. A stochastic neural network approach for circuit partitioning 11034
Ball, C.F., Mlynski, D.A. Fuzzy bi- and multi-partitioning for circuits represented by hypergraphs 41098
Ball, D. Fine line etching of lead frames 39786
Ball, D.F. *see* Robertson, H. 125
Ball, F., Hutchison, D., Kouvatsos, D.D. VBR video traffic smoothing at the AAL SAR level 25880
Ball, G.A. *see* Morey, W.W. 36612
Ball, J., Combet, M., Sans, J.-L., Benda, B., Chaumette, P., Deregel, J., Durand, G., Dzyubak, A.P., Gaudron, C., Lehar, F., Lesquen, A., Kasprzyk, T.E., Janout, Z., Khachaturov, B.A., Matafonov, V.N., Usov, Yu.A. Proton and neutron polarized targets for nucleon-nucleon experiments at SATURNE II 18071
Ball, J. *see* Golovanov, L.B. 18072
Ball, M. *see* Chu, C.M. 37038
Ball, M.S. *see* Nagaitsev, S.S. 59172
Ball, R. *see* Fernow, R.C. 17931
Ball, R.F. *see* Bryan, U. 19254
Balla, K., Marz, R. Transfer of boundary conditions for DAEs of index 1 21190
Balladore, J.-L. *see* Bury, P. 37542
Balladore, J.L. *see* Simon, L. 813
Balladore, J.L. *see* Simon, L. 30811
Ballal, D.R. *see* Heneghan, S.P. 18743
Ballance, W.P. *see* Baranoski, E.J. 26974
Balland, B. *see* Kaabi, L. 32117
Ballandras, S., Calin, M., Zissi, S., Bertsch, A., Andre, J.C., Bourjault, A., Hauden, D. Miniaturized shape memory alloy actuators fabricated using microstereophotolithography 32576
Ballandras, S. *see* Bigler, E. 13400
Ballandras, S. *see* Bigler, E. 55012
Ballandras, S. *see* Gavignet, E. 32773
Ballangrud, A.M., Axelrod, N.N. Machine vision provides reliability by design 58666
Ballantyne, J.M., Lau, S., Liang, J. Diode ring lasers for integration with microwave circuits 55469
Ballantyne, J.M. *see* Chen Ji 44493
Ballantyne, J.M. *see* Lau, S.T. 44000
Ballantyne, J.M. *see* Lee, J.-W. 22333
Ballantyne, J.M. *see* Liang, J.J. 44597
Ballantyne, J.P. Optical connectors enable fiber solutions 13896
Ballantyne, R. *see* Fraas, L. 38991
Ballard, A.W., Alexander, R.B. Advances in cable and conduit sealing for Class 1 hazardous locations 50578
Ballard, D.H. *see* Sarukkai, R.R. 14999
Ballard, J. *see* Smith, J.A. 8385
Ballard, T. Z39.50 applications in a law library 26127
Ballato, A. Poisson's ratio for piezoceramics 23179
Ballato, A., Kelly, J., Ballato, J., Safari, A. Dissipation in ceramic resonators and transducers 13328
Ballato, A. *see* Kelly, J. 23272
Ballato, A. *see* Klessina, J. 13327
Ballato, A. *see* Smits, J.G. 54991

Ballato, J., van Weeren, R., Agarwala, M., Riman, R.E., Danforth, S.C. Patterning for planar waveguides 23714
Ballato, J. *see* Ballato, A. 13328
Ballato, J.M., Laffey, S.M., Riman, R.E., Vig, J.R. Etching quartz crystals in anhydrous HF gas 13232
Balle, C., Casas, J. Industrial-type cryogenic thermometer with built-in heat interception 48448
Balle, S. *see* Martin-Regalado, J. 33482
Balle, S. *see* Martin-Regalado, J. 55700
Ballentin, T. VME and CompactPCI backplane standard–the best of both worlds 57841
Ballentin, T. CompactPCI–why a new backplane bus standard 57887
Baller, T.S. *see* Lambert, N. 58936
Baller, T.S. *see* Lambert, N. 58939
Baller, T.S. *see* van Gorkom, G.G.P. 41802
Ballesteros, J.L., Baez-Lopez, D., Montero-Hernandez, O. A software system for introducing circuit simulators 40827
Ballesteros, J.M. *see* Serna, R. 52762
Balleyguier, P. Coupling slots without shunt impedance drop 49097
Ballhausen Holm, S. *see* Maier-Schneider, D. 22206
Ballif, C. *see* Regula, M. 10915
Balling, L. *see* Kreutzer, A. 9108
Ballingall, J.M. *see* Pereiaslavets, B. 13033
Ballinger, R. *see* Jintong Mao 7960
Ballman, A. *see* Chiueh, T. 47075
Ballon, D. *see* Meyer, K.L. 7990
Balls, R. Interconnect–setting the scene 57695
Ballu, A. *see* Bourdet, P. 58616
Ballutaud, D. *see* Angermeier, D. 40412
Ballutaud, D. *see* Lusson, L. 10911
Ballutaud, D. *see* Lusson, L. 42000
Bally, G.Von *see* Von Bally, G.
Ballyk, P.D., Walsh, C., Ojha, M. Vessel wall stress and remodelling at a graft-artery junction 59789
Balmain, K.G. *see* Luttgen, A.A.E. 14733
Balme, L. *see* Benali, A. 1790
Balme, L. *see* Vaucher, C. 41353
Balme, L.J. *see* Vaucher, C.L. 1828
Balmer, J.E. *see* Graf, T. 23851
Balmer, J.E. *see* Lowenthal, F. 24063
Balmino, G. *see* Perosanz, F. 50027
Balnaves, D. Practicalities of using SF_6 and vacuum switchgear 38911
Baloch, A. *see* Abro, M.R. 9160
Balogh, I. *see* Schlichting, J. 1854
Balon, T. Testing thermal intermittencies with LN2 41656
Balooch, M., Hamza, A.V. A novel technique for SiC film growth via C_{60} precursors and its application for microstructures 32578
Balram, N. *see* Olson, B. 17623
Balsamo, S., Sartori, F., Montrosset, I. Dynamic beam propagation method for flared semiconductor power amplifiers 44490
Balsamo, S., Sartori, F., Perrone, G., Naddeo, C., Montrosset, I., Giuliano, C., Sink, R.K., Blixt, P., Bowers, J.E. Dynamic beam propagation method for modelling pulse propagation in flared semiconductor laser amplifiers 24023
Balsamo, S. *see* Dagens, B. 55645
Balsamo, S. *see* Perrone, G. 3837
Balsara, P. *see* Mahant-Shetti, S.S. 11322
Balsara, P.T. *see* Ko, U. 11276
Balsara, P.T. *see* Ko, U. 21682
Balsiger, F. *see* Harris, R. 8455
Balsiger, P. *see* Grisoni, L. 11531
Balsiger, P. *see* Heubi, A. 11532
Balslev Clausen, C., Bang, O., Kivshar, Yu.S., Christiansen, P.L. Effect of a fluctuating phase mismatch on spatial solitons in quadratic media 55825
Balslev Clausen, C., Christiansen, P.L., Torner, L. Perturbative approach to the interaction of solitons in quadratic nonlinear media 44700
Balsley, B.B., Huaman, M. On the relationship between seasonal occurrence of northern hemispheric polar mesosphere summer echoes and mean mesopause temperatures 56041
Balss, U. *see* Schalk, H. 34660
Baltag, O., Costandache, D. Sensor with ferrofluid for magnetic measurements 17301
Baltay, C. *see* Abe, K. 37234
Baltay, C. *see* Abe, K. 59233
Balter, T.L. *see* Bennett, J.M. 55161
Baltes, H. Future of IC microtransducers 2871
Baltes, H., Haberli, A., Malcovari, P., Maloberti, F. Smart sensor interfaces 7316
Baltes, H., Paul, O., Korvink, J.G. Simulation toolbox and material parameter data base for CMOS MEMS 23068
Baltes, H., Paul, O., Korvink, J.G., Schneider, M., Buhler, J., Schneeberger, N., Jaeggi, D., Malcovati, P., Hornung, M., Hiberli, A., von Arx, M., Mayer, E., Funk, J. IC MEMS microtransducers 43407
Baltes, H. *see* Bachtold, M. 14524
Baltes, H. *see* Bachtold, M. 22943
Baltes, H. *see* Buhler, J. 54854
Baltes, H. *see* Dauderstadt, U.A. 36466
Baltes, H. *see* Funk, J.M. 43389
Baltes, H. *see* Haberli, A. 17337
Baltes, H. *see* Metz, M. 48485
Baltes, H. *see* Schneider, M. 48484
Baltes, H. *see* Schroth, A. 27456
Baltes, H. *see* Von Arx, M. 54805
Baltes, H. *see* Westberg, D. 23034
Baltianski, S.S. The utilization of the electrical model synthesis technique for the MOS interface trap parameters measurement 42339
Baltus, C.W.A. *see* Oldenkamp, H. 38877
Baltuska, A., Gadonas, R., Pugzlys, A. Laser induced photobleaching and anisotropy of polymethine dyes in Langmuir-Blodgett films 44649
Baltuska, A., Zhiyi Wei, Pshenichnikov, M.S., Wiersma, D.A. Optical pulse compression to 5 fs at a 1-MHz repetition rate 23876
Baltz, A. *see* Palmer, R.B. 17966
Baltz, A.J., Rhoades-Brown, M.J., Weneser, J. Heavy-ion partial beam lifetimes due to Coulomb induced processes 17944
Baltz, A.J. *see* Palmer, R.B. 17924
Baltz, S., Boulet, J.L., Muller, R., Pierre, D. Systems for small and medium businesses: the trend towards applications 35865
Balu, V. *see* Bo Jiang 3002
Balu, V. *see* Tung-Sheng Chen 41539
Baluja, S., Maxion, R.A. Artificial neural network based detection and diagnosis of plasma-etch faults 52305
Baluta, G., Diaconescu, M., Caciuleanu, C. Stepper motor's command without incremental position encoder 38764
Balwe, T.K. *see* Awatade, M.N. 27507
Balz, C., Polz, E., Fischer, W. TV test receiver family EFA: top fit for digital television 7198
Balzaretti, S., Bello, M., Giorgi, M. Reliability performance and cost evaluation of transmission and switching networks 25975
Balzer, F. *see* Muller, T. 24152
Balzer, G.von *see* von Balzer, G.
Balzer, W. Ground segment for ERS-2/GOME sensor at the German D-PAF 8474
Balzuweit, G. *see* Ruppert, G.S. 28681
Bamber, C., Blalock, T., Boege, S., Kotseroglou, T., Melissinos, A.C., Ragg, W., Reis, D., Meyerhofer, D.D., Kelly, J., Shoup, M., III 0.5-Hz, phase-stabilized terawatt laser system with a Nd:glass slab amplifier for nonlinear QED experiments 55579
Bamber, C. *see* Kotseroglou, T. 33602
Bamberg, M. *see* Kortmann, R.D. 8090
Bamberger, A., Bornheim, A., Crittenden, J., Grabosch, H.-J., Grothe, M., Hervas, L., Hilger, E., Holm, U., Horstmann, D., Kaufmann, V., Kharchilava, A., Kotz, U., Kummerow, D., Mallik, U., Meyer, A., Nowoczyn, M., Ossowski, R., Schlenstedt, S., Tiecke, H., Verkerke, W., Vossebeld, J., Vreeswijk, M., Wang, S.M., Wu, J. Presampler for the forward and rear calorimeter in the ZEUS detector 7787
Bamberger, A., Bornheim, A., Crittenden, J., Grabosch, H.-J., Grothe, M., Hervas, L., Hilger, E., Holm, U., Horstmann, D., Kaufmann, V., Kharchilava, A., Koetz, U., Kummerow, D., Mallik, U., Meyer, A., Nowoczyn, M., Ossowski, R., Schlenstedt, S., Tiecke, H., Verkerke, W., Vossebeld, J., Vreeswijk, M., Wang, S.M., Wu, J. The presampler for the forward and rear calorimeter in the ZEUS detector 37358
Bamberger, R.H. A prototype distance learning laboratory for image processing education 20467
Bamberger, R.H. Utilizing electronic course management systems in engineering education 20622
Bamberger, R.H. *see* Bo Xuan 11592
Bamberger, R.H. *see* Nuri, V. 57251
Bamberger, R.H. *see* Xianggang Yu 46197
Bambery, K.R., Fleming, R.J. The temperature dependence of space charge accumulation in cross-linked polyethylene 54966
Bambha, N. *see* Semendy, F. 10806
Bambha, N. *see* Tamargo, M.C. 21243
Bambha, R. *see* Mead, J.B. 8437
Bamblevski, V.P. *see* Spurny, F. 8209
Bambos, N. *see* Prabhakar, B. 401
Bambos, N. *see* Prabhakar, B. 34505
Bambos, N. *see* Rulnick, J.M. 6610
Bambos, N. *see* Scott, K. 47716
Bambridge, T. High efficiency 5 watt S-band telemetry transmitter using gallium arsenide field effect transistors 8271
Bamford, L.D., James, J.R., Fray, A.F. Minimising mutual coupling in thick substrate microstrip antenna arrays 56189
Bamigbola, O.M., Ibiejugba, M.A., Evans, D.J. Analysis of Chebyshev finite element method for linear differential equations using equal interval elements 384
Bamji, S. *see* Scarpa, P.C.N. 13268
Bamji, S. *see* Wubbenhorst, M. 54967
Bamji, S.S. *see* Kaufhold, M. 19353
Bamji, S.S. *see* Kaufhold, M. 43463
Bamji, S.S. *see* Kaufhold, M. 43538
Bamler, R., Davidson, G.W., Adam, N. On the nature of noise in 2-D phase unwrapping 48073
Bamler, R., Eineder, M., Breit, H. The X-SAR single-pass interferometer on SRTM: Expected performance and processing concept 27018
Bamler, R. *see* Davidson, G.W. 8362
Bamler, R. *see* Davidson, G.W. 48074
Bammer, M. *see* Ganster, H. 18203
Bampi, S. *see* Uebel, L.F. 11283
Ban, G., Janosi, F. Measuring system and evaluation method of DC and AC magnetostriction behaviour to investigate 3.2% SiFe GO electrical steels 27845
Ban, G. *see* Prikler, L. 50504
Ban, H., Osaki, T., Matsuo, H., Okajima, K., Sekiguchi, K., Ohyama, N. Teleradiology system using magneto-optical disk 59404
Ban, H.D. *see* Sim, S.P. 41168
Ban, M., Mizuno, Y., Suzuki, K., Enomoto, Y. Stability of $NdBa_2Cu_3O_{7-x}$ based resonators in humid conditions 11665
Ban, M., Osaki, M., Hirota, O. Optimizations of quantum measurement processes for signal detection and information transmission in quantum systems 7117
Ban, T. *see* Niino, T. 33847
Ban, T. *see* Yamamoto, A. 33848
Ban, T. *see* Yamamoto, A. 60813
Ban, Y., Nagiri, T., Fukai, M., Takasaki, T., Nakayama, M., Uga, R. New method to prevent water ingress from cable duct mouth 60416
Ban Liangeng *see* Chen Gesong 50567
Ban Quach *see* Leung, H. 45716
Ban Sung-Won *see* Sung-Won Ban
Banakh, V.A., Smalikho, I.N., Kopp, F., Werner, C. Doppler lidar measurement of height profiles of turbulent-energy dissipation rate 18849
Banarjee, P. *see* Caulfield, H.J. 24144
Banas, E. *see* Miyata, H. 37384
Banas, E. *see* Senyo, K. 37386
Banas, M. *see* Ramer, J.C. 21275
Banaszak, D. Processing vibration and acoustic data from a digital recorder 8566
Banaszak, Z.A. *see* Obuchowicz, A. 39884
Banatre, M. *see* Billot, M. 6319
Banavar, R.N., Deshpande, U.V. Robust controller design for a nuclear power plant using H_∞ optimization 50710
Banba, S. *see* Imaoka, T. 21972
Banba, T., Hirano, T., Takeda, T. A novel positive working photosensitive polymer for semiconductor surface coating 12849
Banbrook, M., Ushaw, G., McLaughlin, S. How to extract Lyapunov exponents from short and noisy time series 56579
Bancroft, D. *see* Wellerdick, M. 27186
Band, A., Unguris, J. Optically isolated current-to-voltage converter for an electron optics system 31728
Band, D. *see* O'Brien, T. 49392
Band, Y.B., Trippenbach, M., Radzewicz, C., Krasinski, J.S. Ultra-short pulse nonlinear optics: second harmonic generation and sum frequency generation without group velocity mismatch broadening 3974
Band, Y.B. *see* Radzewicz, C. 44676
Banda, S.S. *see* Ngo, A.D. 8705
Bandara, S.V. *see* Gunapala, S.D. 17494
Bandara, S.V. *see* Gunapala, S.D. 36569
Bandelier, B. *see* Djennah, M. 44952
Bandelow, U., Wunsche, H.-J., Sartorius, B. Dispersive self Q-switching in DFB-lasers: theory versus experiment 55644
Bandelow, U. *see* Rehberg, J. 33579
Bandelow, U. *see* Sartorius, B. 23965
Bander, J.L. *see* White, C.C., III 21042
Bandera, C., Conde, I.M., Jerez, J., Gonzalez, M., Vico, F.J., Ortega, F. A multiacuity connectionist model for attentional control and tracking 57203
Bandera, C. *see* Young, S.S. 56780
Bandet, J., Aguir, K., Lollman, D., Fennouh, A., Carchano, H. Raman and electrical characterizations of a-$GaAs_{1-x}N_x$ thin films grown on c-Si(p) substrates by N_2 reactive sputtering 31834
Bandic, Z.Z., McGill, T.C., Hauenstein, R.J., O'Steen, M.L. Microscopic processes during electron cyclotron resonance microwave nitrogen plasma-assisted molecular beam epitaxial growth of GaN/GaAs heterostructures: experiments and kinetic modeling 52618
Bandic, Z.Z. *see* Perkins, N.R. 21278
Bandla, S. *see* Huguenin, G.R. 21913
Bandler, S. *see* Morgenstern, H. 53852
Bandman, O., Pudov, S. Design and simulations of cellular neural-like associative memory 21847
Bando, A. *see* Hombu, M. 60698
Bandoli, G., Barreca, D., Brescacin, E., Rizzi, G.A., Tondello, E. Pure and mixed phase Bi_2O_3 thin films obtained by metal organic chemical vapor deposition 30921
Bandopadhyaya, L. *see* Gupta, R. 483
Bandou, M. *see* Tsuji, K. 28930
Bandrivskii, S.A., Divin, G.D. Image segmentation using fractal characteristics 56600
Banduryan, B.B. *see* Evtikhiev, N.N. 55145
Bandy, D. *see* Kewei Chen 28233
Bandyopadhyay, J.K. Quality system requirements QS-9000: the new automotive industry standards 30340
Bandyopadhyay, S., Chakravorty, D. Interface impedance in gels with fractally grown copper electrode 21319
Bandyopadhyay, S., Ghorai, S.K. Optical and optoelectronic studies on evaporated ZnTe films 32029
Bandyopadhyay, S., Jackel, A., Jullien, G.A. A method for synthesizing area efficient multilevel PTL circuits 53187
Bandyopadhyay, S., Miller, A.E., Chang, H.C., Banerjee, G., Yuzhakov, V., Yue, D.-F., Ricker, R.E., Jones, S., Eastman, J.A., Baugher, E., Chandrasekhar, M. Electrochemically assembled quasi-periodic quantum dot arrays 54183

Bandyopadhyay, S., Morrissey, J., Sengupta, A. A query optimization strategy for distributed databases on all-optical networks 16319
Bandyopadhyay, S., Roychowdrury, V.P. Quantum coupled architectures for logic circuits: issues and problems 53263
Bandyopadhyay, S. *see* Datta, A.K. 46085
Bandyopadhyay, S. *see* Ismail, K. *(editor)* 51995
Bandyopadhyay, T., Pednekar, S.P. Safety testing of mains cable used in household appliances 61351
Bandyopadhyaya, A., Basu, P.K. Calculation of temperature dependent threshold current density of ZnCdSe/ZnSe quantum well laser including many body effects 33561
Bandyuk, O.V. *see* Veniaminov, A.V. 4126
Bandzuch, P., Morhac, M., Kristiak, J. Study of the Van Cittert and Gold iterative methods of deconvolution and their application in the deconvolution of experimental spectra of positron annihilation 37577
Bane, K., Krinsky, S., Murphy, J.B. Longitudinal potential well distortion due to the synchrotron radiation wakefield 17999
Bane, K. *see* Assmann, R. 49032
Bane, K. *see* Assmann, R. 49107
Bane, K. *see* Assmann, R. 49108
Bane, K. *see* Decker, F.-J. 37121
Bane, K. *see* Decker, F.-J. 37122
Bane, K.L. *see* Miller, R.H. 49048
Bane, K.L.F., Sands, M. The short-range resistive wall wakefields 17995
Banelli, P. *see* Andreoli, S. 36333
Banerjea, S. *see* Mandal, B.N. 40244
Banerjee, A. *see* T-Raissi, A. 20193
Banerjee, A. *see* Wieman, H. 59275
Banerjee, A. *see* Yang, J. 39126
Banerjee, B. *see* Bhattacharya, S. 38816
Banerjee, D., Frank, J. Constraint satisfaction in optical routing for passive wavelength-routed networks 16118
Banerjee, G., Mallick, A.K. A semi empirical model for low latitude HF ionospheric propagation prediction 34070
Banerjee, G. *see* Bandyopadhyay, S. 54183
Banerjee, J.P., Ghosh, S., Nag, B., Ghatak, K.P. Computer studies of quasi Read gallium arsenide IMPATT diode: including the effect of space charge 53581
Banerjee, J.P. *see* Ghatak, K.P. 22470
Banerjee, K., Amerasekera, A., Dixit, G., Chenming Hu The effect of interconnect scaling and low-k dielectric on the thermal characteristics of the IC metal 42709
Banerjee, N.N. To work comfortably with the PC 49812
Banerjee, P. *see* Boppana, V. 11281
Banerjee, P. *see* Hasteer, G. 52970
Banerjee, P. *see* Krishnaswamy, D. 53182
Banerjee, P. *see* McPherson, K. 11081
Banerjee, P. *see* Prabhakaran, P. 1050
Banerjee, P. *see* Roy, S. 40844
Banerjee, P. *see* Xing, Z. 13072
Banerjee, P. *see* Xing, Z. 40843
Banerjee, P.K., Chuiv, N.N. Inspection policies for repairable systems 10210
Banerjee, P.P., Dimmock, J.O., Kukhtarev, N.V. Self-organization in photorefractive crystals in the presence of transmission and reflection gratings 24090
Banerjee, P.P., Jarem, J.M. Effect of induced longitudinal electrostatic field components during two-wave and multiwave mixing in photorefractive materials 14311
Banerjee, P.P., Jarem, J.M. Exact, dynamical analysis of two- and multi-wave mixing in photorefractive barium titanate 14344
Banerjee, P.P. *see* Kukhtarev, N. 24269
Banerjee, P.P. *see* Singh, N. 43888
Banerjee, R. *see* Das, D. 52793
Banerjee, S., Chen, C. Design of wavelength-routed optical networks for packet switched traffic 6737
Banerjee, S., Chrysanthis, P.K. Data sharing and recovery in gigabit-networked databases 47194
Banerjee, S., Cole, J.V., Jensen, K.F., Emami-Naeni, A. Nonlinear model reduction strategies for rapid thermal processing systems 22491
Banerjee, S., Dunham, S.T. Two stream model for dopant diffusion in polysilicon incorporating effects of grain growth 41891
Banerjee, S., Law, S.E. Electrostatic induction charging of pollen suspensions 39473
Banerjee, S., Mazumder, M.K. Adhesion of charged powders to a metal surface in the powder coating process 24337
Banerjee, S., Roy, R.K., Chakradhar, S.T. Initialization issues in asynchronous circuit synthesis 31226
Banerjee, S. *see* Adam, A. 37280
Banerjee, S. *see* Dhar, S. 41906
Banerjee, S. *see* Law, S.E. 33844
Banerjee, S. *see* Sarkar, D. 56657
Banerjee, S.K. *see* Kencke, D.L. 41175
Banerjee, S.K. *see* Madan, S. 19283
Banerjee, S.K. *see* Ray, S.K. 43057
Banerji, J., Davies, A.R., Jenkins, R.M. Comparison of Talbot and 1-to-N-way phase-locked array resonators 55754
Banerji, K. Development of the Slightly Larger than IC Carrier (SLICC) 39842
Banerji, K. *see* Bradley, E. 20891
Banerji, K. *see* Lall, P. 233
Banerji, P., Chakraborty, C., Sarkar, C.K., Mallik, K.K., Roy, M.N. Effect of alloy scattering on the magnetotransport in narrowgap semiconductors at low temperature 41988
Banerjia, S. *see* Franzon, P.D. 11498
Banerjia, S. *see* Franzon, P.D. 41220
Baney, D. *see* Sorin, W. 17280
Baney, D. *see* Stimple, J. 14008
Baney, D.M., Stimple, J. WDM EDFA gain characterization with a reduced set of saturating channels 14002
Banfai, G. *see* Prikler, L. 50504
Banford, H.M., Given, M.J., Tedford, D.J. TSDC spectra of polyimide aged in a simulated space environment 2975
Banford, H.M., Wang yufen, Tedford, D.J., Given, M.J. Analysis of pre-breakdown pulse activity of multi-stressed Kapton film 2974
Banford, H.M. *see* Chen, G. 43534
Banford, H.M. *see* Chen, G. 54972
Bang, D.S. *see* Ze-Kai Hsiau 12741
Bang, O. Dynamical equations for wave packets in materials with both quadratic and cubic response 33632
Bang, O., Miller, P.D. Exploiting discreteness for switching in arrays of nonlinear waveguides 55877
Bang, O. *see* Balslev Clausen, C. 55825
Bang, S.H. *see* Chang, R.C. 53507
Bang, S.H. *see* Sheu, B.J. 57729
Bang, S.Y. *see* Hee-Yeal Yu 25247
Bang Byung-Jo *see* Byung-Jo Bang
Bang Fei Pan *see* Pan Bang Fei
Bang Lee Ki *see* Ki Bang Lee
Bang Sung-Yang *see* Sung-Yang Bang
Bang Sup Lee *see* Sewan Choi 61115
Bang Yoon-Hak *see* Yoon-Hak Bang
Bang Young Jo *see* Young Jo Bang
Bang-Chao Yang *see* Yang Bang-Chao
Bang-Sup Song, Soo, D.C. NRZ timing recovery technique for band-limited channels 47505
Bang-Sup Song *see* Un-Ku Moon 31340
Bang-Sup Song *see* Wilson, D.G. 26578
Bangchun Wen *see* Wen Bangchun
Bangding Tan *see* Tan Bangding
Bangert, A. *see* Muller, J.-E. 41493
Bangert, U. *see* Hartmann, A. 790
Bangerter, R.O. *see* Kwan, J.W. 59106
Bangerter, R.O. *see* Tauschwitz, A. 59162
Bangham, J.A., Harvey, R., Ling, P.D., Aldridge, R.V. Morphological scale-space preserving transforms in many dimensions 5522
Bangwei Cai *see* Cai Bangwei
Bangxian Mo *see* Mo Bangxian
Banh, T., Tran, H. Test program set/document management system 38192
Banham, M.R., Brailean, J.C. A selective update approach to matching pursuits video coding 35186
Banham, M.R., Katsaggelos, A.K. Digital image restoration 46337
Banhart, F., Gutjahr, A. Stress relaxation in SiGe layers grown on oxide-patterned Si substrates 751
Banhart, F. *see* Konuma, M. 10686
Banhart, F. *see* Silier, I. 10773
Banhart, F. *see* Silier, I. 30759
Banhart, J. *see* Ebert, H. 3159
Banic, S., Ilijanic, V. Efficiency of the coordinated gap distances built in the substation feeder bay 60958
Banicz, K. *see* Adam, A. 37280
Banihashemi, A.H., Khandani, A.K. Some results on lattice decoding problem in communication applications 45640
Banik, J. *see* Meixner, A. 41141
Banishev, A.F., Golubev, V.S., Dubrov, V.D. Influence of an external pressure and of the type of gas on the mechanism and rate of breakdown of metals by Nd:YAG laser pulses 10054
Bank, T., Gravseth, I.J. Analysis of the CT-633 star tracker's attitude estimation capability 49932
Bankapur, R.J., Beuscher, H.J., Runyon, J.P., Sanku, A.C.R., Sehgal, C.S. Switched digital video access networks 16431
Banks, D. *see* Sui Shen 37907
Banks, D.C. The ImageSwitcher: a proposed system architecture designed to reduce VR lag 15736
Banks, D.M. *see* Hepples, W. 10938
Banks, D.R., Burnette, T.E., Cho, Y.-C., DeMarco, W.T., Mawer, A.J. The effects of solder joint voiding on plastic ball grid array reliability 20893
Banks, H.T., Ito, K., Scroggs, J.S., Tran, H.T., Dietz, N., Bachmann, K.J. Modeling and control of advanced chemical vapor deposition processes 52770
Banks, H.T. *see* Bachmann, K.J. 52693
Banks, J., Dai, J.G. Simulation studies of multiclass queueing networks 39992
Banks, S. *see* Sparr, L. 49910
Bankuti, J. *see* Kirschner, I. 59079
Banna, S.R., Chan, P.C.H., Chan, M., Ko, P.K. A physically based compact device model for fully depleted and nearly fully depleted SOI MOSFET 2630
Banna, S.R., Chan, P.C.H., Lau, J. On buried oxide effects in SOI lateral bipolar transistors 12910
Banna, S.R., Chan, P.C.H., Mansun Chan, Ko, P.K. Impact of scaling silicon film thickness on hot carrier effects in thin film fully depleted SOI MOSFETs 2697
Bannack, A., Nguyen Hong Ha, Riefenstahl, U. Speed and angular synchronism control of machines with flexibly coupled drives 61142
Bannai, V. *see* Agrawal, S.K. 46211
Bannatyne, R. The M68HC12 addressing mode and instruction set improvements 21707
Banner, B. *see* Kraft, C. 45435
Banner, J.A., Winchester, C.S. Rechargeable lithium batteries in the Navy–policy and protocol 19973
Bannister, P., Mayer, I.F. Developmental solar thermal receiver studies for the White Cliffs solar thermal power plant 60590
Bannister, R.L., Newby, R.A. A status update of Westinghouse's contributions to clean coal technology 19583
Banno, H. *see* Okamoto, N. 12032
Banno, T. *see* Nakayama, T. 38675
Bannon, F.D., III, Clark, J.R., Nguyen, C.T.-C. High frequency microelectromechanical IF filters 41292
Bannon, P., Saito, Y. The Alpha 21164PC microprocessor 43308
Bannov, N.A. *see* Mansour, N. 31850
Bano, E., Ouisse, T., Scharnholz, S.P., Golz, A., Stein von Kamienski, E.G. Analytical modelling of thermally-activated transport in SiC inversion layers [MOSFETs] 32406
Bano, M. Modeling and inverse Q imaging of ground penetrating radar waves in 1 and 2D 18810
Banoo, K., Daniels-Race, T., Wallis, C.R., Teitsworth, S.W. Phonon scattering in novel superlattice-asymmetric double barrier resonant tunneling structure 54221
Banos, L. *see* de Melo, O. 2005
Banowski, D., Klockhaus, H., Rittinghaus, D. New VDE test method for power distribution cables in the DIN VDE 0276 series 38368
Banpurkar, A.G. *see* Shinde, S.R. 40694
Bansal, N.K. *see* Bhatti, T.S. 50389
Bansal, N.K. *see* Bhatti, T.S. 60621
Bansal, S.K. *see* Srivastava, G.P. 3274
Bansal, V. *see* Drzewiecki, G. 59629
Banta, J.E., Abidi, M.A. Autonomous placement of a range sensor for acquisition of optimal 3-D models 46272
Banu, D. *see* Scalat, S. 9570
Banu, M.M. *see* Ota, Y. 58348
Banwell, T.C. *see* Jayakumar, A. 47942
Banyasz, I., Lougnot, D.-J., Turck, C. Holography and holographic interferometry with a near IR sensitive photopolymer system 44763
Banzarov, V.S. *see* Aksenov, G.A. 36440
Banzhaf, W., Dittrich, P., Rauhe, H. Energent computation by catalytic reactions 53816
Banzhaf, W. *see* Keller, R.E. 52515
Banzhaf, W. *see* Nordin, P. 57038
Bao, C., Gomez-Reino, C., Perez, M.V. Off-axis Gaussian beam propagation through planar waveguides with a hyperbolic secant refractive index profile 13641
Bao, C.L. *see* Hua Lu 2447
Bao, F. *see* Obokata, K. 10328
Bao, G. Numerical analysis of diffraction by periodic structures: TM polarization 14568
Bao, G., Cassandras, C.G. Stochastic comparison algorithm for continuous optimization with estimation 10353
Bao, H.X. *see* Qiu, Z.Y. 984
Bao, J. *see* Alverson, G. 18085
Bao, K.X., Mo, R., Zhang, X.G., Kalisetty, S., Gokhale, M., Robinson, J., Zhao, G., Ayers, J.E., Jain, F.C. Compositional control of $Cd_xZn_{1-x}Se$ grown by photoassisted organometallic vapor phase epitaxy 40470
Bao, N.Sh., Chen, Q.X., Jiang, T. Modelling and identification of a wind turbine system 60618
Bao, W., Cheng, S. Parameter adaptation mechanism for ATM traffic policing 35430
Bao, X., Lee, N.-C., Raj, R.B., Rangan, K.P., Maria, A. Engineering solder paste performance via controlled stress rheology analysis 22064
Bao, X. *see* Heron, N.A. 48578
Bao, X.H. *see* Raj, R.B. 52266
Bao, X.J., Natarajan, M., Henderson, J. Low energy background in mercuric iodide X-ray spectrometers 37308
Bao, Y. *see* Tzou, H.S. 2990
Bao, Z., Lovinger, A.J., Dodabalapur, A. Organic field-effect transistors with high mobility based on copper phthalocyanine 2661
Bao, Z. *see* Dodabalapur, A. 22078
Bao, Z. *see* Huang, S.H. 33168
Bao, Z. *see* Rashid, H. 26932
Bao Dinghua, Kuang Anxiang Growth of epitaxial and oriented $K(Ta_{0.65}Nb_{0.35})O_3$ thin films by sol-gel method 32669
Bao Dinghua *see* Gu Haoshuang 3318
Bao Dinghua *see* Dinghua Bao
Bao Guojun *see* Li Zhenhua 33463
Bao Liangbi *see* Ye Bing 58984
Bao Lin Lyu *see* Lyu Bao Lin
Bao Liu *see* Saigui Hu 4864
Bao Liu *see* Liu Bao
Bao Mingjiang *see* Ding Yaogen 53990

Bao Minhang *see* Minhang Bao
Bao Minquan *see* Qiu Zhiliang 46879
Bao Shanglian *see* You Jiangsheng 35227
Bao Shanhui *see* Shanhui Bao
Bao Shenghao *see* Cu Yuesen 4210
Bao Shuh P. Lin *see* Chiung-Shien Wu 7077
Bao Weiquan *see* Chen Ke 15022
Bao Ximao, Liao Liangsheng, Li Ningsheng, Min Naiben, Gao Yihua, Zhang Ze The formation and microstructures of Si-based blue-light emitting porous β-SiC 42403
Bao Xinxian, Xu Jiandong, Liu Shutian, Li Chunfei Study on optical storage in azo dye polymer film 32998
Bao Xinxian *see* Xinxian Bao
Bao Yan Ding *see* Ding Bao Yan
Bao Yang *see* Yang Bao
Bao Zhenan, Lovinger, A.J., Dodabalapur, A. Highly ordered vacuum-deposited thin films of metallophthalocyanines and their applications in field-effect transistors 43127
Bao Zhenan *see* Zhenan Bao
Bao Zheng, Ye Wei Improvements of autofocusing techniques for ISAR motion compensation 16851
Bao Zheng *see* Liao Guisheng 25150
Bao Zheng *see* Liao Guisheng 36229
Bao Zheng *see* Sun Xiaobing 34850
Bao Zheng *see* Wang Yongliang 15207
Bao Zheng *see* Xu Jin 10322
Bao Zheng *see* Zheng Bao
Bao Zhongxing *see* Zhongxing Bao
Bao-Hua Feng *see* Yan-Qing Lu 4067
Bao-Sheng Lu *see* Lu Bao-Sheng
Bao-Shuh P. Lin *see* Mowcheng Lee 46617
Bao-Ting Lemer *see* Kaymaz, E. 60029
Bao-Wen Zhang *see* Zhang Bao-Wen
Bao-Yu Song *see* Yoshida, Y. 53306
Bao-Zhen Ge *see* Yi-Mo Zhang 46393
Bao-Zhen Ge *see* Yu-Wen Qin 48414
Baogang Bai *see* Bai Baogang
Baogen Sun *see* Sun Baogen
Baogi Tao *see* Tao Baogi
Baoguo Zhang *see* Zhang Baoguo
Baohai Guo *see* Guo Baohai
Baohong Cheng, Woo, J. A temperature-dependent MOSFET inversion layer carrier mobility model for device and circuit simulation 22863
Baohong Cheng, Woo, J.C.S. Inversion hole mobility in fully depleted SOI PMOSFET's: measurement and modeling 22809
Baohua Fen *see* Fen Baohua
Baohua Feng *see* Feng Baohua
Baohui Wang *see* Wang Baohui
Baojin Zhang *see* Wanner, W. 8295
Baojun Ning *see* Ning Baojun
Baokun Xu *see* Xu Baokun
Baolen Yao *see* Yao Baolen
Baoli Yao *see* Yao Baoli
Baolin Liu *see* Liu Baolin
Baolong Yu, Congshan Zhu, Fuxi Gan, Yabin Huang Optical limiting properties of In_2O_3 nanoparticles under cw laser illumination 44740
Baomin, Z. *see* Jie, K. 15792
Baoping Guo *see* Guo Baoping
Baoping Wang, Sin, J.K.O., Cai, J., Poon, M.C., Tan, Y., Wang, C., Tong, L. Novel single- and double-gate race-track-shaped field emitter structures 41785
Baoping Wang *see* Chen Wang 53958
Baoqi Tao *see* Tao Baoqi
Baoqing Deng *see* Deng Baoqing
Baoquan Bai A millimeter-wave technique for nondestructive testing on nonmetallic materials 52924
Baoquan Liu *see* Yongsheng Zhao 3625
Baoquan Sun, Desheng Jiang, Xiaojie Wang Current oscillations and stable electric field domains in doped GaAs/AlAs superlattices 54206
Baoquan Sun *see* Sun Baoquan
Baorong Pu *see* Pu Baorong
Baoshan Zhu *see* Zhu Baoshan
Baoshen Sun *see* Sun Baoshen
Baosheng Lu *see* Yujing Huo 3779
Baosheng Sang *see* Yamada, A. 52820
Baoting Sun *see* Sun Baoting
Baouchi, W., Chapin, J., Kerber, L., Krannig, F., Van Lieu, N. Comparison of non-reactive and reactive ITO sputtering in a high volume production environment 10858
Baowen Wei *see* Wei Baowen
Baoxin Gao *see* Gao Baoxin
Baoxin Hu, Wanner, W., Xiaowen Li, Strahler, A.H. Validation of kernel-driven semiempirical BRDF models for application to MODIS/MISR data 8540
Baoxin Hu, Xiaowen Li, Strahler, A.H. Deriving the anisotropic atmospheric point spread function of ASAS off-nadir images and removal of the adjacency effect 8304
Baoxing Chen, Jun-Hao Xu, Uher, C., Morelli, D.T., Meisner, G.P., Fleurial, J.-P., Caillat, T., Borshchevsky, A. Low-temperature transport properties of the filled skutterudites $CeFe_{4-x}Co_xSb_{12}$ 31925
Baoyu Zheng *see* Wei Qian 59562
Baoyun Wang, Yang, L.X., Zhenya He Investigation of nonlinearity of recurrent correlation associative memory and a modified higher-order associative memory 53286
Baozong, Y. *see* Fang, C. 56422
Baozong Yuan *see* Yuan Baozong
Bapat, P.S. *see* Goel, A.K. 11319
Bapat, V.P. *see* Rajan, M.M. 18176
Baptist, R., Bachelet, F., Constancias, C. Microtips and resistive sheet: A theoretical description of the emissive properties of this system 53937
Baptist, R. *see* Moreau, D. 31704
Baptista, J.M., Cavaleiro, P.M., Santos, J.L. Self-referencing resonant fiber optic intensity sensor based on a Mach-Zehnder topology 7371
Baptista, J.P. *see* Fontan, F.P. 47589
Baptiste, T. The delivery of multimedia services for business 57998
Baquero, M. *see* Esteban, H. 33922
Baquero, M. *see* Lopez, J.M. 24465
Baquero, R. *see* Delgadillo, I. 31802
Bar, E., Lorenz, J., Ryssel, H. 3D simulation for sub-micron metallization 42646
Bar, G. *see* Rubin, S. 23441
Bar, I. *see* Lyubin, V. 2076
Bar-Chaim, N. *see* Chen, T.R. 23904
Bar-Chaim, N. *see* Chen, T.R. 23920
Bar-Chaim, N. *see* Chen, T.R. 55646
Bar-Chaim, N. *see* Gee, C.M. 55672
Bar-Chaim, N. *see* Paslaski, J.S. 58353
Bar-Cohen, A., Krueger, W.B. Thermal characterization of chip packages–evolutionary development of compact models 52285
Bar-Cohen, A. *see* Gektin, V. 286
Bar-Cohen, A. *see* Mix, D.E. 30254
Bar-Cohen, A. *see* Mix, D.E. 30287
Bar-Cohen, A. *see* Niculin, D. 39780
Bar-Cohen, A. *see* Watwe, A.A. 284
Bar-Cohen, A. *see* Hsu, T.R. *(editor)* 20376
Bar-David, I., Krishnamoorthy, R. Barker code position modulation for high-rate communication in the ISM bands 45587
Bar-Itzhack, I.Y., Hershkowitz, D., Rodman, L. Pointing 39968
Bar-Ness, Y., Sezgin, N. Adaptive threshold setting for multi-user CDMA signal separators with soft tentative decision 34873
Bar-Ness, Y. *see* Ge, H. 5809
Bar-Ness, Y. *see* Hongya Ge 5805
Bar-Ness, Y. *see* Hongya Ge 5817
Bar-Ness, Y. *see* Kamel, R.E. 56583
Bar-Ness, Y. *see* Moelker, D.-J. 48175
Bar-Ness, Y. *see* Panayirci, E. 6441
Bar-Ness, Y. *see* Sezgin, N. 5808
Bar-Noy, A., Canetti, R., Kutten, S., Mansour, Y., Schieber, B. Bandwidth allocation with preemption 35522
Bar-Noy, A., Kessler, I., Naghshineh, M. Topology-based tracking strategies for personal communication networks 6580
Bar-Noy, A. *see* Aggarwal, A. 46568
Bar-Sever, Y.E. A new model for GPS yaw attitude 36072
Bar-Shalom, Y. *see* Chang, K.C. 24967
Bar-Shalom, Y. *see* Kirubarajan, T. 6989
Bar-Shalom, Y. *see* Popp, R.L. 38027
Bar-Shalom, Y. *see* Somnath Deb 56467
Bar-Shalom, Y. *see* Yeddanapudi, M. 28586
Bara, J. *see* Belmonte, A. 6803
Bara, J. *see* Belmonte, A.M. 6864
Bara, J. *see* Camps, A. 28653
Bara, J. *see* Camps, A. 60014
Bara, J. *see* Torres, F. 58683
Bara, M. *see* Fourcade, F. 50703
Bara, S. *see* Rios, S. 14474
Baraban, A.P. *see* Drozd, V.E. 52718
Barabanenkov, M.Yu. *see* Barabanenkov, Yu.N. 55993
Barabanenkov, Yu.N., Zurk, L.M., Barabanenkov, M.Yu. Single scattering and diffusion approximation for modified radiative transfer theory of wave multiple scattering in dense media near resonance–summary 55993
Barabas, M. *see* Erdei, G. 33197
Barabasi, A.-L. Self-organized superlattice formation in II-VI and III-V semiconductors 31982
Barabesi, A. *see* Ramsay, J. 6277
Barabino, G. *see* Marchesi, M. 4591
Barabino, M. *see* Cantatore, F. 9001
Barache, D. *see* Antoine, J.-P. 56778
Barad, Y., Eisenberg, H., Horowitz, M., Silberberg, Y. Nonlinear scanning laser microscopy by third harmonic generation 44831
Barad, Y., Silberberg, Y. Polarization evolution and polarization instability of solitons in a birefringent optical fiber 55218
Barad, Y. *see* Horowitz, M. 32976
Baraff, G.A. *see* Hybertsen, M.S. 33485
Baraglia, R., Faieta, G., Formica, M., Laforenza, D. Experiences with a wide area network metacomputing management tool using IBM SP-2 parallel systems 47146
Baraille, R. *see* Hoang, H.S. 45821
Barak, J., Levinson, J., Victoria, M., Hajdas, W. Direct processes in the energy deposition of protons in silicon 22216
Barakat, M., Dugelay, J.-L. Image sequence coding using 3-D IFS 56742
Barakat, N., Rajagopalan, R. Speed control of a DC motor using a feedforward computed torque control scheme 9261
Barakat, N. *see* Medhat, M. 43974
Baraldi, A., Colonna, F., Ghezzi, C., Magnanini, R., Parisini, A., Tarricone, L., Bosacchi, A., Franchi, S. Electron mobility and physical magnetoresistance in n-type GaSb layers grown by molecular beam epitaxy 12273
Baraldi, A., Parmiggiani, F. Multi-spectral contour detectors featuring biological plausibility 57079
Baralowski, J.M. *see* Suski, T. 21220
Baran, A. Optical fiber sensor for temperature measuring 17423
Baran, J. *see* Jackel, J.L. 3496
Baran, J.E. *see* Rashid, H. 26932
Baran, M.E., Staton, E.A. Distribution transformer models for branch current based feeder analysis 60840
Baranauskas, V. *see* Corat, E.J. 30904
Barancira, T. *see* Deweerd, W. 31751
Barancira, T. *see* Milants, K. 42370
Barandiaran, J.M. *see* Gorria, P. 3080
Baranenko, V.I., Piontkovskii, A.I., Turkin, V.E., Denisov, V.A., Serebryakov, A.V., Malakhov, I.V., Sudakov, A.V. The nature of erosive and corrosive wear of the pipelines in the first power-generating unit at the South Ukrainian nuclear power station 38490
Baranga, A.Ben-Amar *see* Ben-Amar Baranga, A.
Baranger, H.U., Mello, P.A. Reflection symmetric ballistic microstructures: quantum transport properties 22408
Barani, B. *see* Dasilva, J.S. 6585
Barani, B. *see* Ikonomou, D. 26657
Barani, B. *see* Schwartz da Silva, J. 47812
Baraniecki, A.Z. *see* Parikh, V.N. 389
Baraniuk, R. *see* Pasquier, M. 45779
Baraniuk, R.G. Joint distributions of arbitrary variables made easy 45913
Baraniuk, R.G., Jones, D.L. Wigner-based formulation of the chirplet transform 15344
Baraniuk, R.G. *see* Bayram, M. 24890
Baraniuk, R.G. *see* Bayram, M. 34925
Baraniuk, R.G. *see* Carson, C.C. 24895
Baraniuk, R.G. *see* FridtjofWisur-Olsen, L. 15369
Baraniuk, R.G. *see* Goncalves, P. 15289
Baraniuk, R.G. *see* Nowak, R.D. 25066
Barankova, H., Bardos, L., Berg, S. The radio frequency hollow cathode plasma jet arc for the film deposition 10848
Baranoski, E.J. Improved pre-Doppler STAP algorithm for adaptive clutter nulling in airborne radars 16886
Baranoski, E.J., Steinhardt, A.O., Ballance, W.P. Subspace recombination of multiple partially adaptive beamformer outputs 26974
Baranov, A.M., Mikhailov, I.F. Interference method for determination of film thickness at the 0.154 nm wavelength 27905
Baranov, A.N., Cuminal, Y., Boissier, G., Alibert, C., Joullie, A. Low-threshold laser diodes based on type-II GaInAsSb/GaSb quantum-wells operating at 2.36 μm at room temperature 14109
Baranov, A.N. *see* Popov, A.A. 23694
Baranov, A.V., Inoue, K., Toba, K., Yamanaka, A., Petrov, V.I., Fedorov, A.V. Resonance hyper Raman and second harmonic scattering by the semiconductor quantum dots embedded in a dielectric medium 24138
Baranov, D.V., Egorov, A.A., Zolotov, E.M., Svidzinsky, K.K. Response of differential phase-sensitive microscope to microstrip object 17786
Baranov, I.L. *see* Kovalevskii, A.A. 36454
Baranov, I.L. *see* Kovalevskii, A.A. 36729
Baranov, I.Ya. Ways for development of technological high-power laser systems 3693
Baranov, M.I. Correlations between pulse electromagnetic field components on surface of conductors 44876
Baranov, P.G., Ilyin, I.V., Mokhov, E.N., Roenkov, A.D. Identification of manganese trace impurity in GaN crystals by electron paramagnetic resonance 12276
Baranov, P.G., Romanov, N.G., Hofstaetter, A., Scharmann, A., Schnorr, C., Ahlers, F.J., Pierz, K. Exchange interactions of excitons localized at opposite interfaces in type-II GaAs/AlAs superlattices: optically detected magnetic resonance and level anticrossing 42116
Baranov, V.Yu., Makarov, K.N., Roerich, V.C., Satov, Yu.A., Starostin, A.N., Stepanov, A.E., Sharkov, B.Yu., Langbein, K., Sherwood, T.R. Study of multicharged heavy ion generation from CO_2 laser-produced plasma 18077
Baranova, L., Yavor, S. Achromatic deflection system 33825
Baranova, L.A., Yavor, S.Ya. Deflection systems with energy focusing 55976
Baranova, L.K., Gukov, V.I., Levin, B.M., Rozhkov, V.M. Electrical strength of electric motors in various gaseous media 19669
Baranowski, J. *see* Liliental-Weber, Z. 10804
Baranowski, J.M. *see* Dwilinski, R. 10619
Baranowski, J.M. *see* Leszczynski, M. 40299
Baranowski, R. *see* Buchner, T. 49601
Baranowski, R. *see* Zebrowski, J.J. 49597
Baranyi, P., Gedeon, T.D., Koczy, L.T. A general interpolation technique in fuzzy rule bases with arbitrary membership functions 21128
Barariu, F. *see* Chiriac, H. 3142
Barariu, F. *see* Chiriac, H. 23306
Barariu, F. *see* Chiriac, H. 32799
Baras, J.S., Patel, N.S. A framework for robust run by run control with lot delayed measurements 30146

Baras, J.S. *see* Sidiropoulos, N.D. 4663
Baras, J.S. *see* Sidiropoulos, N.D. 30507
Baras, J.S. *see* Sonmez, M.K. 16609
Baras, J.S. *see* Zhuang, Y. 25438
Barash, Yu.S., Svidzinskii, A.A. Current-voltage characteristics of tunnel junctions between superconductors with anisotropic pairing 55111
Barashkov, N.N., Gunder, O.A., Voronkina, N.I., Milinchuk, V.K. Factors determining radiation stability of plastic scintillators 28033
Barashkov, N.N. *see* Novikova, T.S. 44219
Barashov, L.V. *see* Terada, Y. 10667
Baraskkov, N.N. *see* Campbell, I.H. 22443
Barat, C., Chekhar, Y., Colle, E. Modelling of a range finder based on neural networks 48923
Barat, C., Triboulet, J., Chekhar, Y., Colle, E. Modelling of a camera-3D range finder system 56894
Barat, J. *see* Bertin, F. 60055
Baratella, P., Cova, B., Damonte, M., Gaglioti, E., Marconato, R., Scarpellini, P. Fast simulation of power system dynamics in a general-purpose simulator 28785
Baratoff, G. Ordinal and metric structure of smooth surfaces from parallax 5082
Baratov, V.M. *see* Abramova, L.Yu. 17785
Barb, D. *see* Bibicu, I. 28052
Barba, D. *see* Benois-Pineau, J. 5430
Barba, D. *see* Chtioui, Y. 25540
Barba, D. *see* Delagnes, P. 5570
Barba, D. *see* El Assad, S. 48070
Barba, D. *see* Morin, X. 48071
Barba, D. *see* Saad, A. 48069
Barba, D. *see* Saflekos, A. 15623
Barba, D. *see* Saflekos, A. 56880
Barba, D. *see* Senane, H. 56642
Barba, J. *see* Hai-Shan Wu 18291
Barba, P.Di *see* Di Barba, P.
Barbachi, M., Caussignac, J.M. Development of a single-mode optical fiber sensor for civil engineering applications 17455
Barbachi, M. *see* Teral, S.R. 17457
Barbagallo, D. *see* Lloyd, M. 16236
Barbagallo, D. *see* Stella, F. 58681
Barbagallo, S., Bodoni, M.L., Medina, D., De Blasio, G., Ferloni, M., Fummi, F., Sciuto, D. A parametric design of a built-in self-test FIFO embedded memory 31275
Barbalat, O. Industrial and medical applications of accelerators 36992
Barbance, K., Bergquist, K., Cheli, S., Hood, V., Nordlund, E. Satellite navigation activities: the international context 58505
Barbancho-Perez, I., Molina-Fernandez, I. Predictor strategies for continuation methods applied to nonlinear circuit analysis 1702
Barbanera, S. *see* Barone, A. 3277
Barbaresco, F., Lambert, J., Lambert, C. Motion-based segmentation and tracking of dynamic radar clutters 58442
Barbarich, I. *see* Sabchevski, S. 37162
Barbarics, T., Igarashi, H., Ivanyi, A., Honma, T. Electrostatic field calculation using R-functions and the method of characteristics in electrostatic precipitator 24378
Barbarino, G.C. *see* Agnetta, G.A. 18096
Barbarito, E., Chiaradia, M.T., De Cataldo, G., Favuzzi, C., Giglietto, N., Mongelli, M., Perchiazzi, M., Raino, A., Sacchetti, A., Spinelli, P. Straw chambers operating in vacuum for particle tracking and transition radiation detection in accelerator and space experiments 18093
Barbarossa, S. Parameter estimation of multicomponent polynomial-phase signals by intersection of signal subspaces 4674
Barbarossa, S., Marsili, L., Mungari, G. SAR super-resolution imaging by signal subspace projection techniques 16876
Barbarossa, S., Petrone, V. Analysis of polynomial-phase signals by the integrated generalized ambiguity function 34778
Barbarossa, S., Porchia, A., Scaglione, A. Multiplicative multi-lag high order ambiguity function 25152
Barbarossa, S., Ventrella, A. Progressive transmission by wavelet zero-tree coding and embedded modulation 46365
Barbarossa, S. *see* Porchia, A. 26963
Barbarossa, S. *see* Scaglione, A. 4675
Barbastathis, G. *see* Drolet, J.-J.P. 3346
Barbastathis, G. *see* Psaltis, D. 55947
Barbato, G. *see* Bray, A. 7597
Barbeau, M. *see* Henniger, O. 26029
Barbeau, N.R. Derivation of an opto-mechanical tolerance budget for a bistatic sensor pod 27474
Barbeau, N.R. Derivation of alignment tolerances for military laser systems 44837
Barbee, T.W., Jr. *see* Nilsen, J. 33358
Barbee, T.W., Jr. *see* Seely, J.F. 24297
Barbee, T.W., Jr. *see* Wagner, A.V. 30950
Barbee, T.W., Jr. *see* Wagner, A.V. 39240
Barber, B.P. *see* Cava, R.J. 43422
Barber, C.B., Dobkin, D.P., Huhdanpaa, H. The Quickhull algorithm for convex hulls 30664
Barber, D.B. *see* Pollock, C.R. 33445
Barber, D.C. *see* Kleinermann, F. 18449
Barber, D.G. *see* Hochheim, K.P. 18939
Barber, D.G. *see* Livingstone, C.E. 8483
Barber, D.P., Heinemann, K., Hoffstaetter, G.H., Vogt, M. Polarized protons in HERA 37085
Barber, D.P., Heinemann, K., Ripken, G., Schmidt, F. Symplectic thin-lens transfer maps for SIX-TRACK: treatment of bending magnets in terms of the exact Hamiltonian 7728
Barber, H.B. Application of II-VI materials to nuclear medicine 7952
Barber, H.B., Marks, D.G., Apotovsky, B.A., Augustine, F.L., Barrett, H.H., Butler, J.F., Dereniak, E.L., Doty, F.P., Eskin, J.D., Hamilton, W.J., Matherson, K.J., Venzon, J.E., Woolfenden, J.M., Young, E.T. Progress in developing focal-plane-multiplexer readout for large CdZnTe arrays for nuclear medicine applications 37663
Barber, J.P. *see* Scholz, T.J. 32955
Barber, K.S. *see* Macfadzean, R. 48102
Barber, P.R. *see* Paschotta, R. 44387
Barber, R., Pryor, G., Reinheimer, E. Designing for electromagnetic compatibility 34119
Barber, R.J., Morash, R.T. Applications, test data and case histories of single-phase written-pole™ motors 29222
Barbera, J. The intranet: a new concept for corporate information handling 57953
Barberis, S., Bonzano, L., Gaiani, E., Tosalli, M. Capacity of a CDMA wireless communication system in picocellular environment 6622
Barberis, U. *see* Colyer, B. 44984
Barbero, M., Boch, L., Del Pero, R., Stroppiana, M. Towards digital production and storage of compressed video: How to find the right path? 27128
Barbetta, F. Concern for security high; action remains low [network security] 35729
Barbetta, F. Will more IT really improve our kids' education? 57794
Barbetta, M. Interactions between mechanical manufacturing and wet chemical processes [PCBs] 53796
Barbi, I. *see* Alves, J.A. 39375
Barbi, I. *see* Braga, H.A.C. 51146
Barbi, I. *see* Braga, H.A.C. 51347
Barbi, I. *see* Cruz Martins, D. 51221
Barbi, I. *see* De Aragao Filho, W.C.P. 51280
Barbi, I. *see* de Seixas, F.J.M. 19833
Barbi, I. *see* Duarte, C.M. 51279
Barbi, I. *see* Martins, D.C. 51204
Barbi, I. *see* Mehl, E.L.M. 60852
Barbi, I. *see* Sebastiao de Andrade, E. 51298
Barbiellini, G. *see* Arfelli, F. 37666
Barbiellini, G. *see* Arfelli, F. 59555
Barbier, C., Piette, F., Renson, L., Cantraine, G., Dendal, D., Rosello-Guasch, J. A frequency-domain processor for maximum-resolution and quicklook processing of wide-swath ASAR images 27022
Barbier, D., Rattay, M., Saint Andre, F., Clauss, G., Trouillon, M., Kevorkian, A., Delavaux, J.-M.P., Murphy, E. Amplifying four-wavelength combiner, based on erbium/ytterbium-doped waveguide amplifiers and integrated splitters 33109
Barbier, D. *see* Delavaux, J.-M.P. 26874
Barbier, D. *see* Le Berre, M. 12147
Barbier, L. *see* Stahle, C.M. 37354
Barbier, L.M. *see* Kurczynski, P. 59369
Barbier, P.R., Polak-Dingels, P., Rush, D.W., Rosser, D.M., Burdge, G.L., Barnett, R.W. A terrestrial laser communication link at 1.3 μm with quadrature amplitude modulation 6787
Barbieri, R. *see* Risk, M.R. 59666
Barbini, P., Cevenini, G., Massai, M.R. Nearest-neighbor analysis of spatial point patterns: application to biomedical image interpretation 25514
Barbir, A. A methodology for performing secure data compression 45579
Barbiroli, M. *see* Frullone, M. 47721
Barbisio, E. Improved three-quadrants voltage-to-current curve tracer by a LC load 39171
Barbo, F. *see* Coluzza, C. 2242
Barbolla, J. *see* Enriquez, L. 22254
Barbolla, J. *see* Quintanilla, L. 42070
Barbolla, J.J. *see* Marques, L.A. 32163
Barborica, A. *see* Logothetidis, S. 42500
Barborini, E. *see* Piseri, P. 7778
Barbosa, A. *see* Lemaire, D. 14718
Barbosa, C.Hall *see* Hall Barbosa, C.
Barbosa, E.P., Colosimo, E.A., Louzada-Neto, F. Accelerated life tests analyzed by a piecewise exponential distribution via generalized linear models 30391
Barbosa, F.P.M. *see* Ferreira, I.M. 19091
Barbosa, F.P.Maciel *see* Maciel Barbosa, F.P.
Barbosa, G.A. *see* Ribeiro, P.H.S. 14270
Barbosa, L.C. *see* Liu, Y. 2158
Barbosa, L.C. *see* Reynoso, V.C.S. 2159
Barbosa, L.L.S. *see* Takahashi, R.H.C. 31120
Barbosa, L.O. *see* Wang Xiaoqun 16093
Barbosa-Canovas, G.V. *see* Spencer, D.B. 32640
Barbot, J.-P. *see* Rossi, J.P. 56059
Barbot, J.F. *see* Ntsoenzok, E. 54020
Barboucha, M. *see* Aziz, E. 7677
Barbour, B.A., Kordella, S., Dorsett, M.J., Kerstiens, B.L. Mine detection using a polarimetric IR sensor 8604
Barbour, J.C. *see* Follstaedt, D.M. 12697
Barbour, J.C. *see* Lovejoy, M.L. 44301
Barbour, R.L. *see* Jenghwa Chang 28155
Barbour, R.L. *see* Jenghwa Chang 28216
Barbour, R.L. *see* Lenghwa Chang 28153
Barbour, R.L. *see* Wenwu Zhu 57133
Barbour, R.L. *see* Yuqi Yao 25519
Barbour, R.L. *see* Zhu, W. 49548
Barbour, S.-L.S. *see* Jenghwa Chang 28216
Barboza, N. Heavy ion beam transport in an inertial confinement fusion reactor 59158
Barboza-Flores, M. *see* Munoz, J.A. 44215
Barbu, A. *see* Indrea, E. 899
Barbu, A. *see* Indrea, E. 7358
Barbur, J.L., Hull, C.C., Wakefield, M., Welford, W.T. A novel method for the photometric evaluation of searchlights 39422
Barcala, J. *see* Adam, A. 37280
Barcala, J.M. *see* Alberdi, J. 37564
Barcelo, D. *see* Marco, M.-P. 18918
Barcelo, F., Martin, J. Evaluation of the PRMA protocol limiting the front end clipping probability on GSM carriers 47780
Barcelo, W.R., Rastgoufard, P. Control area performance improvement by extended security constrained economic dispatch 50359
Barcelo, W.R., Rastgoufard, P. Dynamic economic dispatch using the extended security constrained economic dispatch algorithm 60314
Barcelos, S., Zervas, M.N., Laming, R.I., Payne, D.N., Reekie, L., Tucknott, J.A., Kashyap, R., McKee, P.F., Sladen, F., Wojciechowicz, B. Dispersion measurements of chirped fibre gratings 13592
Barcelos, S. *see* Cruz, J.L. 13604
Barcelos, S. *see* Dong, L. 16718
Barcelos, S. *see* Laming, R.I. 16829
Barcelos, S. *see* Taverner, D. 13601
Barchilon, M.G. Integrating engineering design and engineering communication to enhance quality 20457
Barchilon, M.G. Attracting engineering faculty to new frontiers in education using competition and collaboration in the classroom 20707
Barchuk, I.P., Kilchitskaya, V.I., Lysenko, V.S., Nazarov, A.N., Rudenko, T.E., Djurenko, S.V., Rudenko, A.N., Yurchenko, A.P. Effect of ionizing irradiation on the charge build-up in multilayer buried dielectrics of SOI structures 43259
Barchuk, I.P., Vovk, Ya.N., Kil'chitskaya, V.I., Lysenko, V.S., Nazarov, A.N., Rudenko, T.E., Dzhurenko, S.V., Rudenko, A.N., Yurchenko, A.P., Limanov, A.B., Lukin, V.A. The ionizing-radiation effect on the electrophysical properties of buried layered dielectrics in SOI structures prepared by laser zone-melting recrystallization 32085
Barchuk, I.P. *see* Nazarov, A.N. 42306
Barclay, A.B. *see* Di Bella, E.V.R. 28242
Barclay, D.M. *see* Wood, J. 31372
Barclay, G.G. *see* Lindsay, T. 42820
Barclay, H. *see* Bhogal, A.S. 8552
Barclay, J.A. *see* Liu, X.Y. 55027
Barclay, P.J. *see* Holmes, P. 52517
Barcz, A. *see* Kaniewska, M. 690
Barczewski, R. *see* Lisik, Z. 40911
Barczyk, J. Some problems with the mechanics of electric gripper 9460
Bard, P. *see* Shore, N.L. 8866
Bard, S. *see* Karlmann, P. 51870
Bardas, D. *see* Buchman, S. 7545
Bardeen, C.J., Wilson, K.R., Yakovlev, V.V. Ultrafast rainbow: efficient solid-state source of ultrashort pulses from mid-IR to UV 33664
Bardeleben, H.J.von *see* von Bardeleben, H.J.
Bardenhagen, S. *see* Birnbaum, M. 15084
Bardhan, I., Bowlin, W.F., Cooper, W.W., Sueyoshi, T. Models and measures for efficiency dominance in DEA. I. Additive models and MED measures 408
Bardhan, I., Bowlin, W.F., Cooper, W.W., Sueyoshi, T. Models and measures for efficiency dominance in DEA. II. Free disposal hull (FDH) and Russell measure (RM) approaches 409
Bardhan, K.D. *see* Erol, R.A. 18455
Bardi, I. *see* Biro, O. 44939
Bardi, I. *see* Groiss, S. 41420
Bardi, I. *see* Preis, K. 39628
Bardi, J., Binggeli, N., Baldereschi, A. Pressure and alloy-composition dependence of $Al/Ga_{1-x}Al_xAs$ (100) Schottky barriers 12522
Bardi, J. *see* Berthod, C. 54250
Bardinal, V. *see* Buhleier, R. 33704
Bardinal, V. *see* Iehl, J.L. 33703
Bardinet, E., Cohen, L.D., Ayache, N. Tracking of 3D medical data with a parametric deformable model 59385
Bardos, L. Radio frequency hollow cathodes for the plasma processing technology 41725
Bardos, L. *see* Barankova, H. 10848
Bardwell, J.A., Evans, R.J., Draper, N., Rolfe, S.J., Naem, A., Simard-Normandin, M. Dopant depth profiling by anodic sectioning using 0.1 M HCl electrolyte 12654
Bardy, S. *see* de Cremoux, G. 43348
Bardyshev, A.O., Esepkina, N.A., Saenko, I.I. The influence of the semiconductor laser characteristics on the resolution of an acoustooptical spectrum analyzer 13742
Baree, A.H., Nam, S., Robertson, I.D., Plews, A.D., Howes, M.J., Snowden, C.M., Leckey, J.G., Patterson, A.D., Stewart, J.A.C. Design and performance of pHEMT MMICs for Ka-band communications applications 53668
Baree, A.H., Robertson, I.D. Monolithic MESFET distributed baluns based on the distributed amplifier gate-line termination technique 41479
Barei D'E, J.T., Castillejo R, N. Renewed interest in small hydro in southeast Venezuela 60574

Barel, A. *see* Bluvband, Z. 52302
Barela, P. *see* Ghaffarian, R. 322
Barendregt, I.P. *see* Schmal, D. 20180
Barendsen, G.W. *see* van Dieren, E.B. 37916
Barengolts, S.A., Litvinov, E.A., Mesyats, G.A., Shmelev, D.L. Prediction of the characteristics of cathode and near-cathode phenomena in a vacuum arc cathode spot. Analytical model 23224
Barengolts, S.A., Litvinov, E.A., Suvorov, V.G. Nonequilibrium phenomena accompanying high-current thermal field emission 22160
Barentsz, J.O. *see* Heerschap, A. 49465
Barequet, G., Shapiro, D., Tal, A. History consideration in reconstructing polyhedral surfaces from parallel slices 15573
Barette, J., Dai, Y., Filimonov, K., Gan, D., Mark, S.K., Qi, Y.J., Rosati, M., Starinski, N., Wang, M., Zhang, B., Yu, B., Libby, B. A study of MWPC with chevron cathode pad readout 59207
Barez, F. *see* Kant, R. 3491
Barfield, W., Hendrix, C., Bystrom, K. Visualizing the structure of virtual objects using head tracked stereoscopic displays 48778
Barfknecht, A. *see* Wong, W.H. 55135
Barg, A. The matroid of supports of a linear code 34559
Barg, B. *see* Heald, S.M. 37549
Barge, T. *see* Lee, B.H. 21661
Barge, T. *see* Maleville, C. 42291
Barger, P. *see* Slomka, S. 45654
Bargeron, C.B. *see* Colvin, A.E., Jr. 36776
Barguti, Kh.S. *see* Zelenokhat, N.I. 8735
Barhen, J. *see* Gat, N. 57372
Bari, M. *see* Strbik, V. 43809
Baribeau, J.-M. *see* Huang, L.J. 54288
Baribeau, J.-M. *see* Lafontaine, H. 723
Baribeau, J.-M. *see* Lu, Z.H. 42227
Baribec, R. *see* Soucy, M. 57259
Baric, A. *see* Butkovic, Z. 2621
Barillot, C., Bensoussan, A., Brasseau, F., Calvel, P. Heavy ions evaluation of GaAs microwave devices 41476
Barillot, C. *see* Calvel, P. 22947
Barillot, C. *see* Colins, D.L. 18218
Barinek, E. *see* Romaine, S.E. 28538
Barinov, A.S. *see* Golubtsov, I.V. 50225
Barinov, N.U., Belenki, G.S., Dolgachev, G.I., Zakatov, L.P., Kovalev, Yu.I., Maslennikov, D.D., Nitishinski, M.S., Ushakov, A.G. Repetitive generator of the bremsstrahlung radiation on a base of the plasma opening switch 29386
Barinova, N.E. *see* Titomir, L.I. 49699
Barish, K. *see* Haridas, P. 59198
Barkalov, O.I. *see* Antonov, V.E. 22273
Barkan, P. *see* Hinckley, C.M. 30351
Barkana, A. *see* Gulmezoglu, M.B. 4595
Barkand, T.D. Safe electrical design of mine elevator control systems 61383
Barkaszi, M. *see* Arato, A. 8173
Barkatou, M.A., Richard-Jung, F. Formal solutions of linear differential and difference equations 30635
Barkay, N. *see* Shalem, S. 33045
Barke, E. *see* Behrens, D. 11116
Barke, E. *see* Behrens, D. 41072
Barke, E. *see* Kattner, R. 43179
Barke, E. *see* Stohmann, J. 11144
Barkell, J.W. *see* Arai, Y. 37267
Barkell, J.W. *see* Arai, Y. 37268
Barker, A.J. *see* Strean, R.F. 58690
Barker, A.J. *see* Strean, R.F. 59031
Barker, B. Technology and the transformation of the electricity industry 50417
Barker, B. *see* Prabhu, A.S. 30230
Barker, C.E. *see* Van Wonterghem, B.M. 24047
Barker, D.B. *see* Gupta, V.K. 30313
Barker, D.B. *see* Sidharth 20951
Barker, E.J. Unity power factor (UPF) DC drives 20125
Barker, G.J. *see* Tofts, P.S. 59494
Barker, J. Improving within-run uniformity of polysilicon film 40573
Barker, J. *see* Saidi, M.Y. 9519
Barker, J.L., Seiferth, J.C. Landsat Thematic Mapper band-to-band registration 8306
Barker, J.R., Babiker, S., Roy, S. Single-electron transport in nanostructure systems 13041
Barker, K. *see* Conklin, T. 49901
Barker, K. *see* Lancor, L. 20699
Barker, K. *see* MacKay, B. 20599
Barker, N.S., Rebeiz, G.M. Planar front-ends with polarization agile IF systems 36255
Barker, N.S., Rebeiz, G.M. IF-based polarimetric receivers 36877
Barker, P. Towards real information on demand 58227
Barker, P., Bishop, A., Rubinsztein-Dunlop, H. Supersonic velocimetry in a shock tube using laser enhanced ionisation and planar laser induced fluorescence 59088
Barker, P., Wegener, M., McIntyre, T.J., Rubinsztein-Dunlop, H. Optical diagnostic methods for superorbital test facilities 28541
Barker, P. *see* Richards, S. 39620
Barker, P.B. *see* Amari, S. 49466
Barker, P.S., Petty, M.C., Monkman, A.P., McMurdo, J., Cook, M.J., Pride, R. A hybrid phthalocyanine/silicon field-effect transistor sensor for NO_2 27743
Barker, R., Lipski, K. Large color monitor buyer's guide 7511
Barker, R., Roy, S., Babiker, S., Asenov, A. Circuit and architecture issues for single-electron devices 54726
Barker, R. *see* Lapucha, D. 48169
Barker, R. *see* Preston, R. 18996
Barker, S.E., Powell, H.M., Palmer-Brown, D. High speed face location at optimal resolution 57527
Barker, S.L.R. *see* Shortreed, M.R. 27969
Barker, T.B. Why experimental designs fail 39715
Barkeshli, K. Low frequency characterization of partially filled gratings–TE case 33947
Barkeshli, S., Luh, S., Smith, T., Itanami, T. The tri-band frequency selective surface of C/S-antenna system of N-star satellite 34307
Barkeshli, S. *see* Luh, H. 34234
Barkhudaryan, A.V., Koshkarev, D.G., Talyzin, A.N. Studies on stability of charge-compensated ion beams 59127
Barkley, W.E. *see* O'Brien, S.L. 49821
Barklie, R.C., Collins, M., Holm, B., Pacaud, Y., Skorupa, W. An EPR study of defects induced in 6H-SiC by ion implantation 54365
Barklie, R.C. *see* Nylandsted Larsen, A. 42371
Barklie, R.C. *see* O'Raifeartaigh, C. 30743
Barklund, J. *see* Veanes, M. 30485
Barkov, G. *see* Levy, C.E. 8051
Barkov, L.M., Grebenuk, A.A., Ruban, A.A., Stepanov, P.Yu., Zverev, S.G. The readout and timing electronics of the liquid xenon calorimeter for the CMD-2M detector 37486
Barkova, L.V., Gevorkyan, E.T., Litvinova, N.N., Pukhovaya, G.P. Choosing components for the no-clean fluxes used in low-temperature soldering 10051
Barkova, M.A. *see* Barkova, N.A. 59081
Barkova, N.A., Barkova, M.A. A method of detection for low frequency fluctuations of liquid flow 59081
Barkovskii, L.M. *see* Borzdov, A.N. 44062
Barkovsky, L.M. *see* Furs, A.N. 55998
Barla, A. *see* Gnazzo, A. 44018
Barla, K. *see* Fleury, A. 43269
Barla, K. *see* Paillet, C. 42483
Barla, K. *see* Paillet, C. 42569
Barla, K. *see* Tardif, F. 42453
Barladyan, A.K. *see* Aulchenko, V.M. 37243
Barlage, D.W. *see* Fresina, M.T. 2606
Barlaud, M. *see* Bellemain, P. 16934
Barlaud, M. *see* Blanc-Feraud, L. 57269
Barlaud, M. *see* Charbonnier, P. 25643
Barlaud, M. *see* Koulibaly, P.M. 59521
Barlaud, M. *see* Lobel, P. 35062
Barlaud, M. *see* Raffy, P. 56955
Barlaud, M. *see* Raffy, P. 57367
Barletta, G. *see* Baroni, M. 49440
Barletta, W., Faltens, A., Henestroza, E., Lee, E. High current induction linacs 7698
Barletta, W. *see* Chattopadhyay, S. 7691
Barletta, W.A. Maximizing the luminosity of ELOISATRON, a hadron supercollider at 100 TeV per beam 59115
Barletta, W.A., Sessler, A.M. Characteristics of a high energy $\mu^+\mu^-$ collider based on electro-production of muons 7690
Barletta, W.A. *see* Bonifacio, R. 33356
Barletta, W.A. *see* Rutkowski, H.L. 37019
Barletta, W.A. *see* Scanlan, R.M. 13516
Barletta, W.A. *see* Scanlan, R.M. 37053
Barlevy, A.S., Rahmat-Samii, Y. Analysis of arbitrary frequency selective surfaces: analytic constraints 33996
Barlevy, A.S., Rahmat-Samii, Y. Examples of ill-conditioned matrices where simple inversion yields satisfactory results 34020
Barlevy, A.S., Rahmat-Samii, Y. Bandwidth properties of odd mode resonances in frequency selective surfaces 34184
Barlevy, A.S., Rahmat-Samii, Y. Fundamental constraints on the electrical characteristics of frequency selective surfaces 45350
Barley, C.D., Winn, C.B. Optimal dispatch strategy in remote hybrid power systems 60229
Barlik, R. *see* Dakir, A. 9256
Barlik, R. *see* Dakir, A. 9258
Barlik, R. *see* Grochal, P. 9405
Barlik, R. *see* Nowak, M. 38890
Barlik, R. *see* Omedi, T.J. 9407
Barlik, R. *see* Omedi, T.J. 9408
Barlocher, E. *see* Boeck, R. 20175
Barlow, D. *see* Lawrence, G. 49177
Barlow, F. *see* Riad, S. 12045
Barlow, F.D., Elshabini-Riad, A., Nelson, D. Electronic packaging solutions for power electronic building blocks (PEBB) 53017
Barlow, J.K. *see* Helmers, S.L. 59639
Barlow, J.L., Yoon, P.A. Modifying the singular value decomposition on the Connection Machine 21150
Barlow, M. *see* Matsuoka, T. 14967
Barlow, R. *see* Fraenkel, P. 50867
Barlow, S., Gutierrez, S., Komm, R., Tulkoff, C. The synergy required in (specific) no clean fine-pitch processes 53767
Barman, S.R., Sanyal, A.N., Shankar Jha, R. Some studies on sudden failure on field circuit breaker–steady state asynchronous operation under loss of excitation of the synchronous generator for varying slip 60702
Barmann, P., Sunesson, A. In-situ spectroscopic measurements of streamer properties (electron density and temperature) in dielectric liquids 23126
Barmashenko, B.D., Rosenwaks, S. Power dependence of chemical oxygen-iodine lasers on iodine dissociation 13970
Barmashenko, B.D., Rosenwaks, S. Analysis of the optical extraction efficiency in gas-flow lasers with different types of resonator 23750
Barmashenko, B.D. *see* Blayvas, I. 13928
Barmon, T. *see* Talluri, R. 35194
Barmuta, M.J. Approaches to pollution prevention in P.C. fabrication–implementation at Fluke Corporation 31617
Barna, G.G. APC in the semiconductor industry, history and near term prognosis 30182
Barna, G.G. *see* White, D.A. 32167
Barna, P.B. *see* Adamik, M. 3563
Barnaby, H., Tausch, H.J., Turfler, R., Cole, P., Baker, P., Pease, R.L. Analysis of bipolar linear circuit response mechanisms for high and low dose rate total dose irradiations 22957
Barnak, J.P. *see* King, S.W. 12781
Barnard, C. *see* Pons, M. 10630
Barnard, E. *see* Jain, N. 15005
Barnard, E. *see* Schalkwyk, J. 15088
Barnard, E. *see* Yonghong Yan 14982
Barnard, J.A., Fujiwara, H., Inturi, V.R., Jarratt, J.D., Scharf, T.W., Weston, J.L. Nanostructured magnetic networks 3044
Barnard, J.D. Transforming end-use data into energy information: Moore Wal-Mart Supercenter 29933
Barnard, J.J., Cable, M.D., Callahan, D.A., Fessenden, T.J., Friedman, A., Grote, D.P., Judd, D.L., Lund, S.M., Newton, M.A., Sharp, W.M., Yu, S.S. Physics design and scaling of recirculating induction accelerators: from benchtop prototypes to drivers 59104
Barnard, J.J. *see* Fessenden, T.J. 59135
Barnard, J.J. *see* Friedman, A. 59103
Barnard, J.J. *see* Kwan, J.W. 59106
Barnard, J.J. *see* Tauschwitz, A. 59162
Barnard, K., Finlayson, G., Funt, B. Color constancy for scenes with varying illumination 46423
Barnard, W.O., Myburg, G., Auret, F.D., Goodman, S.A., Meyer, W.E. Metal contacts to gallium arsenide 12549
Barnardi, C.De *see* De Barnardi, C.
Barnas, J. *see* Baksalary, O.H. 55038
Barnberger, R.H. *see* Xuan, B. 1591
Barnea, T. *see* Alesi, C. 26056
Barnea, T. *see* Alesi, C. 46818
Barnea, Y. *see* Haim, M. 30300
Barner, G. *see* Morgenstern, H. 53852
Barner, K.E. *see* Way, T.P. 49801
Barner, K.E. *see* Way, T.P. 49802
Barnes, A.E. *see* Elster, J.L. 7386
Barnes, A.V. *see* Tolk, N.H. 2392
Barnes, B.M. *see* Tolk, N.H. 2392
Barnes, C. *see* McFadden, J.D.O. 43956
Barnes, C.E. *see* Lee, C.I. 23085
Barnes, C.E. *see* Rax, B.G. 23686
Barnes, C.H.W. *see* Kardynal, B. 42165
Barnes, C.H.W. *see* Liang, C.-T. 54190
Barnes, J., Ginsburg, D., Newson, D., Pratt, D. IP multicast of real-time MPEG over ATM 5877
Barnes, J., Ginsburg, D., Newson, D., Pratt, D. IP multicast of real-time MPEG over ATM 6244
Barnes, J. *see* Griffin, P.R. 3601
Barnes, J. *see* Mazzer, M. 31995
Barnes, J.M. *see* Thucydides, G. 42189
Barnes, J.W. *see* Carlton, W.B. 484
Barnes, L.J. *see* Grayson, T.P. 6969
Barnes, M., Pollock, C. Two phase switched reluctance drive with new power electronic converter for low cost applications 51698
Barnes, M.F. QualiTROL(R) SENTRY(R) transformer monitoring system 38803
Barnes, N., Blair, G., Lakas, A., Chetwynd, A. Costing–extending the locative logic model of networks 6135
Barnes, N.M., Edwards, N.H., Garner, P., Rush, J.D. Low cost telecare using a network borne telemetry platform 49805
Barnes, N.P., Filer, E.D., Morrison, C.A. Self-quenching mechanisms of the $Nd^4F_{3/2}$ manifold 14063
Barnes, N.P., Rodriguez, W.J., Walsh, B.M. Ho:Tm:YLF laser amplifiers 23864
Barnes, N.P. *see* Jani, M.G. 14069
Barnes, P. *see* Hartung, W. 49248
Barnes, P.A., Zhang, X.-J., Lovejoy, M.L., Drummond, T.J., Hjalmarson, H.P., Crawford, M., Shul, R.J., Zolper, J.C. Calculations of the specific resistance of contacts to III-V nitride compounds 12540
Barnes, P.A. *see* Seng, W.F. 12800
Barnes, P.A. *see* Shul, R.J. 12783
Barnes, P.D., Jr. *see* Gaitskell, R.J. 37468
Barnes, P.D. Jr. *see* Shutt, T. 37472
Barnes, P.N., Verdeyen, J.T., Kushner, M.J. Kinetics and radiative processes in Xe/I_2 inductively coupled RF discharges at low pressure 9723
Barnes, R. *see* Lacombe, Y. 8995
Barnes, T.H., Eiju, T., Matsuda, K. High resolution adaptive optics using an interference phase loop 3488

Barnes, T.H., Eiju, T., Matsuda, K. Rough surface profile measurement using speckle optical frequency domain reflectometry with an external cavity tunable diode laser 7567
Barnes, W. *see* Khader, M. 20468
Barnes, W.L. *see* Kitson, S.C. 13682
Barnett, A.M. Solar electric power for a better tomorrow 38641
Barnett, A.M. *see* Aiken, D.J. 39034
Barnett, A.M. *see* Bai, Y. 39197
Barnett, A.M. *see* Ford, D.H. 39014
Barnett, A.M. *see* Hannon, M.H. 37983
Barnett, A.M. *see* Ingram, A.E. 39208
Barnett, A.M. *see* Mauk, M.G. 38997
Barnett, A.M. *see* Shreve, K.P. 39030
Barnett, A.M. *see* Smith, D.D. 39033
Barnett, B. *see* Antos, J. 37373
Barnett, B.C. *see* Ahn, K.H. 26720
Barnett, B.C. *see* Cao, X.D. 33178
Barnett, B.C. *see* Jiang, M. 33413
Barnett, D.M. *see* Chmielewski, A.B. 18734
Barnett, G., Fry, C. The RASSP integrated systems tool set provides a concurrent engineering environment for design trade-offs 52120
Barnett, J.M., Grothe, P.A., Martin, J.S., Carpio, R.A., Fowler, B.W., Atluri, V., Herbots, N. The reaction of vapor HF with chemically formed silicon oxide: production of stable hydrogen-terminated surfaces 42462
Barnett, M. *see* Almeida, A.M. 1878
Barnett, M.D. The role of marketing in engineering 20751
Barnett, R.J. *see* Andersen, K. 61367
Barnett, R.J. *see* Cook, G.E. 52296
Barnett, R.W., Burton, C.A. Teaching and assessment via the Internet–experiences and directions 26210
Barnett, R.W. *see* Barbier, P.R. 6787
Barnett, S.A., Anido, G.J., Beadle, H.W.P. Predictive call admission control for a disk array-based video server 47349
Barnett, S.A. *see* Tsai, T. 61069
Barnett, S.M. *see* Huttner, B. 34587
Barnett, S.M. *see* Lugiato, L.A. 33709
Barney, D. *see* Alexeev, G. 59200
Barnham, K.W.J. *see* Griffin, P.R. 3601
Barnham, K.W.J. *see* Mazzer, M. 31995
Barnham, K.W.J. *see* Thucydides, G. 42189
Barnham, K.W.J. *see* Zachariou, A. 38988
Barnhart, C.M. *see* Wieselthier, J.E. 26510
Barnhart, C.M. *see* Wieselthier, J.E. 35459
Barnhart, G.A., Terzuoli, A.J., Jr, Gerace, G.C. Sensitivity of normal incidence scattering predictions to material characteristics 33937
Barni, M., Cappellin, V., Paoli, A., Mecocci, A. Unsupervised detection of straight lines through possibilistic clustering 57471
Barni, M. *see* Alparone, L. 25419
Barni, M. *see* Alparone, L. 57124
Barni, M. *see* Mecocci, A. 56830
Barniol, N., Serra-Graells, F., Carrabina, J. Undergraduate analog CMOS integrated circuit design teaching 9877
Barnum, H., Fuchs, C.A., Jozsa, R., Schumacher, B. General fidelity limit for quantum channels 34581
Barnwell, P. A thick film technology combining microwave and MCM applications 53563
Barnwell, P. *see* Free, C.E. 53646
Barnwell, T.P., III *see* Necioglu, B.F. 15041
Barny, P.La *see* La Barny, P.
Barny, P.Le *see* Le Barny, P.
Baro, M.D. *see* Surinach, S. 3367
Baro, M.D. *see* Surinach, S. 30989
Barocsi, A., Jakab, L., Szarvas, G., Richter, P., Szonyi, I. Recent developments and results in acousto-optical signal processing systems 5461
Barolli, L., Tanno, K. A fuzzy policing mechanism for still picture in ATM networks 46656
Baron, A.Q.R. *see* Chumakov, A.I. 37547
Baron, G. *see* Anurnba, C.J. 35548
Baron, J.E., Simpson, R.A., Tyler, G.L. Radiowave scattering from surface and subsurface heterogeneities 6961
Baron, R., Mastail, M., Levine, J. Control of a fish extrusion process using flatness 52311
Baron, S., Wood, D. Digital television comes down to earth 58534
Baron, T. *see* Waag, A. 23959
Baron, Z. *see* Badihi, A. 308
Baroncini, M. *see* Passeri, D. 59223
Barone, A., Barbanera, S., Boffa, V., Filatrella, G., Gambardella, U., Matarazzo, S., Pagano, S. Superconducting high-T_c electronic devices 3277
Barone, D.A. *see* do Valle Simoes, E. 53509
Barone, F., Calloni, E., Di Fiore, L., Grado, A., Milano, L., Russo, G. Digitally controlled interferometer prototype for gravitational wave detection 7186
Barone, L.M. *see* Baccaro, S. 37459
Barone, L.M. *see* de Notaristefani, F. 28228
Barone, M.E. *see* Gottscho, R.A. 43184
Barone, M.E. *see* Maroudas, D. 54341
Baroni, M., Barletta, G., Del Bene, R., Fantini, F. Left ventricular wall stress and thickness from 3D echocardiography in hypertensive patients 49440
Baroni, P., Canzi, U., Guida, G. Fault diagnosis through history reconstruction: an application to power transmission networks 19271
Baroni, S., Bayvel, P. Wavelength requirements in arbitrarily connected wavelength-routed optical networks 36100
Baronti, G. *see* Aiazzi, B. 27075
Baronti, S. *see* Aiazzi, B. 15621
Baronti, S. *see* Aiazzi, B. 28209
Baronti, S. *see* Aiazzi, B. 46347
Baronti, S. *see* Aiazzi, B. 56730
Baronti, S. *see* Alparone, L. 56611
Baronti, S. *see* Alparone, L. 56993
Barotto, B., Berthias, J.-P. First results of reduced dynamics with DORIS on TOPEX/Poseidon and SPOT 18860
Barouch, E. *see* Vallishayee, R.R. 2535
Baroudi, S.El *see* El Baroudi, S.
Barov, N. *see* Gai, W. 37013
Barquillas-Pueyo, J. *see* Garcia-Villares, J.L. 38270
Barquillas-Pueyo, J. *see* Martin-Del-Brio, B. 38269
Barr, D.L., Brown, W.L., Ohring, M. Experimental measurements of grain boundary rotation toward bamboo in post-pattern annealing 42777
Barr, D.P. *see* Saylor, A.V. 28704
Barr, G.D. *see* Allison, W.W.M. 37269
Barr, R.A., Platt, D. Use of a saturating choke in the series capacitor compensation of distribution lines 38349
Barr, R.C., Plonsey, R. Repolarizing stimuli followed by calcium transmembrane currents 49726
Barr, R.C. *see* Papazoglou, A.A. 49730
Barr, R.E. *see* Ferdjallah, M. 18471
Barr, T.A. *see* Sanghadasaa, M. 24217
Barra, G.E.de la *see* de la Barra, G.E.
Barra, L. *see* Coiante, D. 50695
Barra, M.B.de la *see* de la Barra, M.B.
Barra, S., Simeoni, R., Vailati, P. MIDA: a knowledge-based system supporting diagnostic operators in ISDN customer trouble management 35638
Barra, S., Simeoni, R., Vailati, P. MIDA: a knowledge-based system supporting diagnostic operators in ISDN customer trouble management 47236
Barra S, B.A.de La *see* de La Barra S, B.A.
Barrack, C.S., Siew, W.H., Pryor, B.M. Techniques for the measurement of fast transient electromagnetic interference within power system substations 19422
Barrado, A., Cobos, J.A., Garcia, O., Olias, E. Control circuit for DC/DC converters 9349
Barrado, A. *see* Garcia, O. 1127
Barrado, A. *see* Lazaro, A. 51275
Barral, C. *see* Seki, M. 11644
Barranco-Luque, M., Claudet, S., Erdt, W., Frandsen, P., Gayet, P., Gusewell, D., Lebrun, P., Schmid, J., Solheim, N., Titcomb, C., Wagner, U., Winkler, G. Conclusions from procuring, installing and commissioning six large-scale helium refrigerators at CERN 49012
Barranger, J. *see* Tuma, M.L. 36926
Barras, R.E., Snow, J.H., Bow, K.E., Voltz, D.A. A new era in cable designs and materials to resolve environmental issues 50579
Barrat, B. *see* Thevenoux, P. 38176
Barrat, S. *see* Bozzolo, N. 40604
Barratt, A.J. *see* Furukawa, T. 7566
Barratt, C. *see* Constantine, C. 22593
Barrau, J. *see* La Jeune, P. 54076
Barrau, J. *see* Ressier, L. 42233
Barrault, M. *see* Chevrier, P. 9433
Barrault, M. *see* Maftoul, J. 38915
Barrault, M. *see* Scarpa, P. 29505
Barre, F.De La *see* De La Barre, F.
Barreau, G. *see* Scheurer, J.N. 59353
Barreca, D. *see* Bandoli, G. 30921
Barrelet, E. Optical fiber calorimetry 28040
Barrenscheen, J., Flieller, D., Kalinowski, D., Louis, J.P. A new sensorless speed and torque control for permanent magnet synchronous motors: realisation and modelling 60707
Barrera, J., Dougherty, E.R., Tomita, N.S. Automatic programming of binary morphological machines by design of statistically optimal operators in the context of computational learning theory 57417
Barrera, J., Salas, G.P. Set operations on closed intervals and their applications to the automatic programming of morphological machines 5246
Barrera, J. *see* Dougherty, E.R. 1605
Barrero, F., Galvan, E., Torralba, A., Franquelo, L.G. Fuzzy selftuning system for induction motor controllers 51001
Barret, C. *see* Berthouze, L. 27498
Barret, M., Benidir, M. Behaviour of stability tests for two-dimensional digital recursive filters when faced with rounding errors 41339
Barret, S., Lopes, L. Statistical multiplexing and connection admission control in mobile-ATM systems 47614
Barreto, C.S., Mendonca, G.V. Enhanced zerotree wavelet transform image coding exploiting similarities inside subbands 57292
Barreto, J.M. *see* Coimbra, A.J.F. 34739
Barrett, A.V., Obinelo, I.F. Characterization of longitudinal fin heat sink thermal performance and flow bypass effects through CFD methods 52283
Barrett, B.E. *see* Barron, F.H. 39996
Barrett, C. *see* Zhong He 37333
Barrett, C.P., Blair, P., Buller, G.S., Neilson, D.T., Robertson, B., Smith, E.C., Taghizadeh, M.R., Walker, A.C. Components for the implementation of free-space optical crossbars 13764
Barrett, D.L. *see* Heydemann, V.D. 10618
Barrett, D.M. Magnetic pulse compression techniques for non-thermal plasma discharge applications 38109
Barrett, H.H. *see* Barber, H.B. 37663
Barrett, J. Managing the project for timely results 20766
Barrett, J. *see* Doyle, R. 22113
Barrett, J. *see* Patterson, J.C. 42724
Barrett, L.E. *see* Fang Zhichu 9167
Barrett, N. *see* Guziewocz, E. 12528
Barrett, N. *see* Orlowski, B.A. 2249
Barrett, P.A. *see* Garner, N.R. 34659
Barrett, R., Berry, M., Dongarra, J., Eijkhout, V., Romine, C. Algorithmic bombardment for the iterative solution of linear systems: a poly-iterative approach 585
Barrett, R., Maglio, P.P., Kellem, D.C. Web Browser Intelligence: opening up the Web 47162
Barrett, S., Lopes, L. Spectrum efficient transport of variable bit rate ATM services over an ATDMA based micro-cellular system 35953
Barrett, W.A., Mortensen, E.N. Fast, accurate, and reproducible live-wire boundary extraction 15993
Barrett, W.L. *see* Allison, W.W.M. 37269
Barrette, J.P. *see* DeSalvo, G.C. 12761
Barrette, T., Bhide, V., De, K., Stover, M., Sugasawara, E. Evaluation of early failure screening methods [ASICs] 22939
Barrettt, S.E., Dabbagh, G., Pfeiffer, L.N., West, K.W., Tycko, R. Optically pumped nuclear magnetic resonance in the quantum Hall regimes 2194
Barria, J.A., Turner, L.F. The decomposition of a communication network considering traffic demand interrelations 46823
Barria, J.A., Turner, L.F. A performability-oriented approach to the design and synthesis of data networks 46824
Barrie, J.D. *see* Gallant, D.J. 33540
Barrientos, J.M. *see* Gomez, D. 9888
Barrientos Villar, J.Manuel *see* Manuel Barrientos Villar, J.
Barriga, A. *see* Baturone, I. 1629
Barriga, A. *see* Baturone, I. 31403
Barringer, B.O. A CCSDS compatible high-rate telemetry formatter for space application 6046
Barringer, H., Fellows, D., Gough, G., Jinks, P., Marsden, B., Williams, A. Design and simulation of asynchronous micropipeline circuits in Rainbow 31062
Barrio, E.Cebrian De *see* Cebrian De Barrio, E.
Barrio, J.R. *see* Kang-Ping Lin 18329
Barrios, T. *see* Czeranko, R. 48345
Barrios, V. *see* Bosnjak, A. 49529
Barrios, V. *see* Linares, P. 49439
Barriskill, D. *see* Grotty, P.M. 58333
Barro, S. *see* Presedo, J. 49626
Barron, A.R. A FETISH for gallium arsenide 32427
Barron, A.R. *see* Qun Xie 34597
Barron, A.R. *see* Stoll, S.L. 30874
Barron, D.R. Aberration athermal optics for 2nd generation FIR thermal imagers 36660
Barron, F.H., Barrett, B.E. Decision quality using ranked attribute weights 39996
Barron, J.L. *see* Cheng, D. 60073
Barron, R.J. *see* Cuomo, K.M. 16016
Barron, R.J. *see* Oppenheim, A.V. 25824
Barros, J.G.C., Saidel, M.A., Ingram, L., Westphalen, M. Adjustable speed operation of hydroelectric turbine generators 9121
Barros, M.R.X.de *see* de Barros, M.R.X.
Barros, M.T.Correia de *see* Correia de Barros, M.T.
Barros, O.de *see* de Barros, O.
Barros, P.P., Leite, A.P.N. The good monopoly? A case for joint ownership of competing systems 57690
Barros, S.P.V. *see* Tut San Guan 44140
Barros Correia, P.De *see* De Barros Correia, P.
Barroso, J.J. *see* Ueda, M. 28010
Barrow, D. Applications of sol gel ceramic coatings 30844
Barrow, D.A., Hawkes, J., Coakley, W.T., Cefai, J.J., Shepherd, J.J. Microfabricated acoustic cavity for the manipulation of suspended particles 28694
Barrow, D.A., Petroff, T.E., Tandon, R.P., Sayer, M. Characterization of thick lead zirconate titanate films fabricated using a new sol gel based process 43486
Barrow, D.A. *see* Camacho, F. 23894
Barrow, D.A. *see* Lamond, C. 23895
Barrow, J.A. *see* Piccone, D.E. 31095
Barrow, P.I. *see* Nelson, C.S. 30064
Barrow, W.A. *see* Laakso, C.W. 17669
Barrows, A.K., Gebre-Egziabher, D., Hayward, R., Renxin Xia, Powell, J.D. GPS-based attitude and guidance displays for general aviation 18612
Barrows, C. *see* Barth, M. 36681
Barrows, G.L., Sciortino, J.C., Jr. A mutual information measure for feature selection with application to pulse classification 34943
Barry, C.F. *see* Agrawal, S.K. 46211
Barry, D.M. *see* Meniconi, M. 53110
Barry, J.R., Batra, A. A multidimensional phase-locked loop for blind equalization of multi-input multi-output channels 5692
Barry, J.R. *see* Audeh, M.D. 6773
Barry, J.R. *see* Causey, R.T. 5681

Barry, J.R. *see* Kahn, J.M. 36193
Barry, J.R. *see* Park, H. 16811
Barry, L. *see* Desmond, D. 27460
Barry, L.P., Dudley, J.M., Bollond, P.G., Harvey, J.D., Leonhardt, R. Complete characterisation of pulse propagation in optical fibres using frequency-resolved optical gating 13581
Barry, L.P., Dudley, J.M., Bollond, P.G., Harvey, J.D., Leonhardt, R. Simultaneous measurement of optical fibre nonlinearity and dispersion using frequency resolved optical gating 55197
Barry, L.P., Guignard, P., Debeau, J., Boittin, R., Bernard, M. A high speed broadcast and select TDMA network using all-optical demultiplexing 16761
Barry, L.P. *see* Dudley, J.M. 55217
Barry, N., Daly, B. Magnetic amplifiers in switch mode power supplies 11183
Barry, P.J. *see* Franklin, J.B. 18967
Barry, R.A. *see* Finn, S.G. 16347
Barry, R.A. *see* Marquis, D. 6180
Barry, R.K., Jr. Conversion from full array shunt to partial array shunt topology for two small Explorer-class, near-Earth orbiting scientific satellites 18679
Barry, T.P. *see* Solz, T.J., Jr. 19004
Barry, W. *see* Byrd, J.M. 49253
Barry, W. *see* Corlett, J.N. 49255
Bars, N.le *see* le Bars, N.
Barsch, R., Lambrecht, J., Jahn, H. On the evaluation of the hydrophobicity of composite insulator surfaces 38410
Barsch, R. *see* Buchner, H. 43566
Barseghyan, A.A. *see* Aroutiounian, V.M. 27728
Barsella, A. *see* Lepers, C. 13926
Barsella, A. *see* Lepers, C. 23739
Barshan, B., Kutay, M.A., Ozaktas, H.M. Optimal filtering with linear canonical transformations 25304
Barshan, B. *see* Ayrulu, B. 27092
Barshick, S., Griest, W.H., Vass, A.A. Electronic aroma detection technology for forensic and law enforcement applications 48703
Barshilia, H.C., Mehta, B.R., Vankar, V.D. Optical emission spectroscopy during the bias-enhanced nucleation of diamond microcrystals by microwave plasma chemical vapor deposition process 10837
Barsingerhorn, W. *see* de Haas, E. 36520
Barski, A. *see* Godlewski, M. 12231
Barski, A. *see* Rossner, U. 21264
Barsony, I. *see* Krotkus, A. 51599
Barsotti, E. *see* Antos, J. 37373
Barsoum, R.G.S. Active materials and adaptive structures [for naval applications] 40698
Barss, R. New innovations in surge suppressors–the impact on the telecommunication industry 50625
Barsukov, I. *see* Barsukov, V. 9507
Barsukov, I. *see* Motronyuk, T. 9509
Barsukov, V., Chivikov, S., Barsukov, I., Motronyuk, T. On the perspectives of application of monomer and conductive polymer materials for developing metal-free and semi-metal rechargeable batteries 9507
Barsukov, V. *see* Motronyuk, T. 9509
Barsukov, V., Beck, F. *(editors)* New Promising Electrochemical Systems for Rechargeable Batteries. Proceedings of the NATO Advanced Research Workshop 44
Barszcz, M. *see* Li, Z. 24866
Bart, S.F. *see* Chau, K.H.-L. 13159
Barta, P., Birgerson, J., Guo, S., Arwin, H., Salaneck, W.R., Zagorska, M. Inherent interference-filter polymer light-emitting diodes 55449
Barta, P., Salaneck, W.R., Zagorska, M., Pron, A., Niziol, S. Electroluminescence of regioregular poly(alkylthiophenes) 23668
Bartak, J., Blanchard, C., Fioraso, G., Hauesberger, P., Siebert, S. Training operators of VVER 1000 units in Eastern Europe 9056
Bartashevich, M.I., Goto, T., Korolyov, A.V., Ermolenko, A.S. Co metamagnetism and magnetic anisotropy in single-crystalline $Ce(Co_{1-x}Ni_x)_5$ 32804
Bartczak, A., Daly, J. CAM VLSI chip for ASOCS implementation 53503
Bartel, A. *see* Peterssen, B. 26071
Bartel, T.J. *see* Economou, D.J. 54777
Bartel, W., Gianfelice, E., Holtkamp, N., Lohrmann, E., Maidment, J., Parker, B., Pitzlc, D., Willeke, F. HERA luminosity upgrade 37084
Bartelink, D.J. Integrated systems 307
Bartels, H., Borger, P., Dorsch, F., Eppich, B., Habich, U., Mastle, R., Muntz, H., Plass, W., Pohl, R., Quattelbaum, U., Scholl, M., Serri, L., Staubach, H., Stucchi, E., Wild, C., Wolf, N. Beam characterisation of an industrial CO_2-laser: results of a workshop within the EUREKA-project EU-1269 "CHOCLAB" 55780
Bartels, K.A. *see* Hegeon Kwun 40741
Bartels, P.H., Gahm, T., Thompson, D. Automated microscopy in diagnostic histopathology: from image processing to automated reasoning 59539
Bartelt, J. *see* Sivertz, M. 37456
Barter, J.D. *see* Lee, P.H.Y. 18885
Barter, J.D. *see* Lee, P.H.Y. 18889
Barth, C.A. *see* Solomon, S.C. 60062
Barth, H.J. Integration of Al-fill processes for contacts and vias 42672
Barth, J., Dale, D., Hall, K., Hyatt, H., McCarthy, D., Nuebel, J., Smith, D. Measurements of ESD HBM events, simulator radiation and other characteristics toward creating a more repeatable simulation or; simulators should simulate 24350
Barth, J. *see* Dyer, C.S. 28496
Barth, J. *see* Henry, L.G. 24345
Barth, J.A. *see* Wilson, T.C., Jr. 50133
Barth, J.E. *see* Mandelman, J.A. 21662
Barth, J.E. *see* Van Der Stam, M.A.J. 33826
Barth, J.L. *see* Adolphsen, J.W. 22865
Barth, M., Barrows, C. A fast panoramic imaging system and intelligent imaging technique for mobile robots 36681
Barth, M., Hess, P. Diagnostics of laser-induced germanium growth by in situ spectroscopic ellipsometry 21361
Barth, M. *see* Farrell, J. 6998
Barth, O. *see* Schraft, R.D. 27585
Barth, W., Dahl, L., Klabunde, J., Muhle, C., Spadtke, P. High-intensity low energy beam transport design studies for the new injector linac of the UNILAC 37120
Barth, W., Glatz, J., Klabunde, J., Ratzinger, U. Space charge dominated beam transport in the 1.4 MeV/u-UNILAC-stripper section 37119
Bartha, L., Koltai, F., Puspoki, S., Rakovics, V., Serenyi, M. InGaAsP/InP pump lasers for Tm-doped upconversion fiber lasers and film waveguides 44537
Barthe, S. *see* Ventura, L. 39008
Barthel, J., Buestrich, R., Carl, E., Gores, H.J. A new class of electrochemically and thermally stable lithium salts for lithium battery electrolytes. II. Conductivity of lithium organoborates in dimethoxyethane and propylene carbonate 19954
Barthel, J., Buestrich, R., Carl, E., Gores, H.J. A new class of electrochemically and thermally stable lithium salts for lithium battery electrolytes. III. Synthesis and properties of some lithium organoborates 19955
Barthel, K.U. Low bitrate image coding using fractal approximations in the spatial and frequency domain 5477
Barthel, K.U., Ruhl, G., Voye, T. Combining wavelet and fractal coding for 3-D video coding 56752
Barthel, W. *see* Hurrich, A. 21945
Barthelemy, A. *see* de la Fuente, R. 24257
Barthelmy, S. *see* Hye-Sook Park 58842
Barthelmy, S. *see* Stahle, C.M. 37354
Barthelmy, S.D. *see* Katz, C.A. 58518
Barthelmy, S.D. *see* Kurczynski, P. 59369
Barthlein, W., Flachmann, U., Hestermann, H., Walther, H., Unger, C. Energy-saving power systems for ALUSAF's Hillside aluminium smelter 9745
Bartholet, B. *see* LaBel, K.A. 49857
Bartholet, H.-P. *see* Stiegmann, D. 30200
Bartholomew, K. *see* Baudouy, B.J.P. 43845
Bartholomew, K. *see* Van Sciver, S.W. 43854
Bartholomew, K. *see* Welton, S.J. 43855
Bartholomew, L. *see* Yuan, Z. 40542
Bartholomew, P. The decommissioning of the UKAEA's SGHWR ponds 50731
Bartholomew, R.F., Sadd, A.L., Tick, P.A. Viscosity of cadmium mixed halide glasses 950
Bartholomew, R.F. *see* Sun, J. 22979
Barthou, C. *see* Ronot-Limousin, I. 44229
Bartilson, B., Hokanson, K.E. Thermal management approach for a scalable, MCM-based system 299
Bartkiewicz, S., Januszko, A., Miniewicz, A., Parka, J. Dye-doped liquid crystal composite for real-time holography 14429
Bartkiewicz, S., Miniewicz, A. Mechanism of optical recording in doped liquid crystals 24294
Bartkova, K. *see* Mokbel, C. 45676
Bartkowiak, M., Domanski, M. Statistical properties and vector quantisation of colour components in image sequences 5483
Bartkowiak, M., Mahan, G.D., Modine, F.A., Alim, M.A., Lauf, R., McMillan, A. Voronoi network model of ZnO varistors with different types of grain boundaries 2740
Bartl, N. *see* Bergmann, H.W. 14494
Bartl, R., Petrou, M., Christmas, W.J., Palmer, P.L. On the automatic registration of cadastral maps and Landsat TM images 46383
Bartle, K.A. *see* Davis, J.A. 36360
Bartlett, C.J. *see* Hoover, C.W., Jr. 20787
Bartlett, L.M. *see* Kurczynski, P. 59369
Bartlett, L.M. *see* Stahle, C.M. 37354
Bartlett, M. *see* Adler, E. 8669
Bartlett, P.L., Kulkarni, S.R. The complexity of model classes and smoothing noisy data 45792
Bartlett, V. *see* Grass, E. 41112
Bartley, M. *see* Smith, J.E. 53330
Bartley, N.R. *see* Bruton, L.T. 15505
Bartley, N.R. *see* Kulach, C.J. 1601
Bartley, N.R. *see* Kulach, C.J. 5552
Bartman, R. *see* Tang, T.K. 59882
Bartman, R.K. *see* Wang, P.K.C. 23030
Bartnicki, E. *see* Berthe, L. 14492
Bartnikas, R., Densley, R.J., Eichhorn, R.M. Long term accelerated aging tests on distribution cables under wet conditions 8901
Bartnikas, R. *see* Frechette, M.F. 13218
Bartnikas, R. *see* Frechette, M.F. 43465
Bartnikas, R. *see* Novak, J.P. 28940
Bartnikas, R. *see* Pompili, M. 23123
Bartoleme, R. *see* Puente, C. 4406
Bartoli, A., D'Andrea, N.A., Dini, G., Lottici, V., Luise, M., Prete, C.A. Parallelization of the simulation tool WING-SPACE for the analysis and design of transmission systems 16129
Bartoli, F.J. *see* Hoffman, C.A. 44069
Bartoli, F.J. *see* Malin, J.I. 3891
Bartoli, F.J. *see* Meyer, J.R. 7562
Bartoli, F.J. *see* Pong, R.G.S. 4090
Bartoli, M., Reatti, A., Kazimierczuk, M.K. Open loop small-signal control-to-output transfer function of PWM buck converter for CCM: modeling and measurements 9334
Bartoli, M., Reatti, A., Kazimierczuk, M.K. Minimum copper and core losses power inductor design 38772
Bartolini, F. *see* Abrardo, A. 15613
Bartolini, F. *see* Alparone, L. 25419
Bartolini, F. *see* Alparone, L. 57124
Bartolo, A.Di *see* Di Bartolo, A.
Bartolo, G.di *see* di Bartolo, G.
Bartolo, P. *see* Fuentes, J. 741
Bartolo-Perez, P. *see* Ponce, L. 2057
Bartolome, E. *see* Jimenez, D. 7314
Bartolome, J. *see* Luis, F. 3146
Bartolome, J.L. *see* Valero, A. 19552
Bartolomeo, A.Di *see* Di Bartolomeo, A.
Bartolucci, G. Single-switch loaded-line phase shifter: the shunt-connected configuration 31480
Bartolucci, G., Pini, F., Marcelli, R., Dragoman, M., Simion, S. Second harmonic generation by means of double tapered non-linear transmission line 56073
Bartolucci, M. *see* Aiello, S. 1483
Barton, C.L. A comparison of two types of adhesiveless flexible circuit materials 11945
Barton, D.L. *see* Osinski, M. 13885
Barton, D.L. *see* Osinski, M. 23705
Barton, J. *see* Doyle, R. 22113
Barton, J.C. Assessment of heavy radioactive elements in sodium iodide scintillators 18106
Barton, J.L. Electric conduction of glasses at intermediate field strengths 2071
Barton, J.P. Electromagnetic-field calculations for a sphere illuminated by a higher-order Gaussian beam. I. internal and near-field effects 44846
Barton, J.P. Electromagnetic-field calculations for irregularly shaped, layered cylindrical particles with focused illumination 44847
Barton, J.S. *see* Bownass, D.C. 58778
Barton, J.S. *see* Carolan, T.A. 31001
Barton, J.S. *see* Carolan, T.A. 50671
Barton, J.S. *see* Kidd, S.R. 17773
Barton, M.H. *see* Liu, L.Q. 47774
Barton, M.H. *see* Liu, L.Q. 47776
Barton, R.R. *see* Moosbrugger, P.J. 56175
Barton, R.S. *see* Ho, J.S. 5212
Barton, S. *see* Hartley, R.H. 10740
Barton, S.K., Johnson, I.R., Shepherd, S.J., Van Eetvelt, P.W.J. Simulation and analysis of the distortion generated by the bulk-FFT demultiplexer 21805
Barton, S.K. *see* Fu, K. 47079
Barton, S.K. *see* Gillies, D.A.G. 47076
Barton, S.K. *see* Guo, Y.J. 24562
Barton, S.K. *see* Guo, Y.J. 26119
Barton, S.K. *see* Johnson, I.R. 26123
Barton, S.K. *see* Johnson, I.R. 35703
Barton, S.K. *see* Tellambura, C. 26120
Barton, S.K. *see* Tellambura, C. 26121
Bartos, F.J. Small steps for technology, giant steps for the user [stepper motors] 51056
Bartos, R., Kannan, R., Lee, K.Y., Jordan, H.F. An efficient WDM architecture with a wavelength-distributed synchronization protocol 5865
Bartosiewicz, L. *see* Walczyna, A.M. 9363
Bartosik, M. Chosen phenomena in vacuum chamber at heavy direct current switching off in transverse magnetic field 29489
Bartosik, M., Jasiulewicz, S. Theoretical basis of the design of magnetic field generator for DC vacuum circuit breakers 29490
Bartov, A., Messer, H. Analysis of inherent limitations in localizing step-like singularities in a continuous signal 34902
Bartter, W.D., Baumgartner, T.J., Locher, M.R., Yakoob, N. Service creation and service management in a multivendor intelligent network 47266
Bartuch, U., Peschel, U., Gabler, T., Waldhausl, R., Horhold, H.-H. Experimental investigations and numerical simulations of spatial solitons in planar polymer waveguides 23531
Bartuch, U. *see* Gabler, T. 43878
Bartuch, U. *see* Gabler, Th. 55237
Barty, C.P., Guo, T., LeBlanc, C., Raksi, F., Rose-Petruck, C., Squier, J., Walker, B., Wilson, K.R., Yakovlev, V.V., Yamakawa, K. Multiterawatt Ti:sapphire lasers in the 10-fs regime 14075
Barty, C.P.J., Bell, P.M., Guo, T., Raksi, F., Rose-Petruck, C., Squier, J., Walker, B., Wilson, K.R., Yakovlev, V.V. Ultrafast, laser-generated, X-ray radiography 7933
Barty, C.P.J., Gordon, C.L., III, Harris, S.E., Lemoff, B.E., Raksi, F., Rose-Petruck, C., Wilson, K.R., Yakovlev, V.V., Yamakawa, K., Yin, G.Y. Multiterawatt femtosecond lasers for high field physics 13910
Barty, C.P.J., Guo, T., LeBlanc, C., Korn, G., Rose-Petruck, C., Raksi, F., Squier, J., Wilson, K.R., Yakovlev, V.V., Yamakawa, K. Regenerative pulse-shaping techniques and their applications on

the amplification of sub-20 fs or two-color femtosecond pulses 3802
Barty, C.P.J. *see* Kane, S. 3944
Barty, C.P.J. *see* Squier, J. 52191
Baru, S.E., Blinov, V.E., Groshev, V.R., Kolachev, G.M., Kozlov, V.N., Minakov, G.D., Onuchin, A.P., Rylin, A.V., Savinov, G.A., Shamov, A.G., Shusharo, A.I., Talyshev, A.A., Yushkov, A.N. Status of the KEDR drift chamber 37227
Baru, S.E. *see* Aulchenko, V.M. 37214
Baru, V.G., Chernushich, A.P., Luzanov, V.A., Stepanov, G.V., Zakharov, L.Yu., O'Donnell, K.P., Bradley, I.V., Melnik, N.N. Optical properties of Si nanocrystals prepared by magnetron sputtering 12582
Barua, A. Novel enhanced pole selectivity bandpass filter with large dynamic range 53408
Barua, A.K. *see* Osterwald, C.R. 39167
Barua, A.K. *see* Ray, S. 39146
Barua, P.B., Kumar, P., Gaindhar, J.L. Quality of V-process moulds through the Taguchi technique 30352
Barua, R., Sengupta, S. Architectures for arithmetic over GF(2^m) 53180
Baruah, A. *see* Duernberger, P.M. 30077
Baruah, S., Bhuyan, P.K. Numerical coefficients for generation of f_0F2 in the Indian zone: low solar activity 56060
Baruch, Y. High technology organization–what it is, what it isn't 52074
Baruchel, J. *see* Prieur, E. 12562
Barun, V.V., Levitin, K.M. Evaluation of active vision by car's antifog headlamps 35135
Barwicz, A. Towards integration of measuring systems: review of the research program at UQTR 17205
Barwicz, A. A system approach to electrical measurements 58605
Barwicz, A. *see* Szczecinski, L. 36396
Barwolff, A. *see* Puchert, R. 3852
Barwolff, A. *see* Tomm, J.W. 44443
Barwolff, A. *see* Voss, M. 23989
Barwood, G.P., Gill, P., Klein, H.A., Rowley, W.R.C. Observation of fluorescence from cold trapped Sr ions in a near-zero magnetic field and 674 nm probe laser development 48335
Barwood, G.P. *see* Edwards, C.S. 7134
Barwood, G.P. *see* Edwards, C.S. 44535
Baryshev, N.S., Nesmelova, I.M. Semiconductor materials for IR optoelectronics 17364
Baryshev, N.S., Ryzhkov, V.N., Andreev, V.A. Uncooled CdHgTe photoresistors sensitive in the 3-5-μm wavelength region 13837
Baryshev, Yu.P., Ershov, A.P., Isaev, K.S., Kalinin, A.V., Orlikovskii, A.A., Rudenko, K.V., Semenenko, V.N., Sukhanov, Ya.N., Piskun, N.Y. Monitoring of SiO_2/Si plasma etching and end-point detection 32198
Baryshnikov, A.C. *see* Terekhov, V.M. 9603
Baryshnikov, A.S. *see* Terekhov, V.M. 29702
Baryshnikov, F.F. Excitation of a crossed rifled cavity in a free-electron laser 14198
Baryshnikov, F.F., Bogatova, G.A., Bogomolov, G.D., Kleev, A.I., Perebeinos, V.V., Cheburkin, N.V. Characteristics of modes in a crossed-flute optical cavity 55747
Baryshnikov, F.F., Bogatova, G.A., Kalinin, Yu.A., Markov, I.A., Perebeinos, V.V., Cheburkin, N.V. Tunable broad-band Fabry-Perot interferometer for the IR range 14218
Barzoukas, M. *see* Alain, V. 24162
Barzoukas, M. *see* Stahelin, M. 14302
Bas, T.P.Le *see* Le Bas, T.P.
Basa, D. Intelligent network in Polish Telecom 16380
Basak, A., Demirci, R. Real-time model reference adaptive (MRAC) velocity controller for a PM DC linear motor 19765
Basak, A., Moses, A.J., Yasin, M.R. Flux distribution and loss in a 100 kV A 3-phase wound amorphous transformer core 23378
Basak, A., Rowe, D.M., Anayi, F.J. Thin film sensors for magnetic flux and loss measurements 27851
Basak, A. *see* Shirazee, N.A. 44986
Basak, D., Choudhury, A.K., Hahne, E.L. Sharing memory in multistage ATM switches 46644
Basak, D. *see* Calleja, E. 44213
Basak, J., Pal, N.R., Patel, P.S. Thinning in binary and gray images: a connectionist approach 46084
Basak, K., Flores Filho, A.F., Nakata, T., Takahashi, N. Three dimensional computation of force in a novel brushless DC linear motor 51049
Basanez, L. *see* Garcia, M.A. 5624
Basar, T. *see* Ait-Hellal, O. 35394
Basar, T. *see* Ait-Hellal, O. 46566
Basar, T. *see* Zigang Pan 35397
Basaran, C., Desai, C.S., Kundu, T., Prince, J. Computer simulation of the temperature cycling tests 10106
Basaran, F. *see* Eskiizmirliler, S. 59435
Basart, J.P., Burns, J.O., Dennison, B.K., Weiler, K.W., Kassim, N.E., Castillo, S.P., McCune, B.M. Directions for space-based low frequency radio astronomy. 1. System considerations 36294
Basart, J.P., Burns, J.O., Dennison, B.K., Weiler, K.W., Kassim, N.E., Castillo, S.P., McCune, B.M. Directions for space-based low-frequency radio astronomy. 2. Telescopes 36295
Basavaraju, S. *see* Duel-Hallen, A. 47630
Basche, S. *see* Kegel, R. 19369
Baschirotto, A. Considerations for the design of switched-capacitor circuits using precise-gain operational amplifiers 21790
Baschirotto, A., Castello, R., Onado, C., Pessina, G., Rancoita, P.G., Seidman, A. Effects of neutron fluences up to 10^{16} n/cm^2 and gamma doses up to 5 Mrad on monolithic fast preamplifiers 32565
Baschirotto, A., Cesura, G., Rezzi, F., Svelto, F. Low-power BiCMOS continuous-time shaping filter 53425
Baschirotto, A. *see* Maloberti, F. *(editor)* 51935
Basco, R., Prabhu, A., Yngvesson, S., Kei May Lau Monolithic integration of a 94 GHz AlGaAs/GaAs 2-DEG mixer on quartz substrate by epitaxial lift-off 11735
Bascom, E.C., III, Stewart, J.R., Tang, L.Y. Evaluation of pulling rope wear and coefficient of friction for pipe-type cables 50587
Bascom, P.A.J., Johnston, K.W., Cobbold, R.S.C., Ojha, M. Relation of the flow field distal to a moderate stenosis to the Doppler power 49556
Bascou, J.J. *see* Beghdad, R. 57860
Basedau, P. *see* Qiuting Huang 11226
Basedau, P. *see* Qiuting Huang 13339
Baselli, G. *see* Porta, A. 37816
Baselli, G. *see* Porta, A. 49636
Basha, A.M., Ahmed, M.A., Marey, H.K., Hanafy, T.A. Neutron dosimetry measurement 8210
Bashar, S.A., Amin, F.A., Rezazadeh, A.A., Crouch, M.A. Characteristics of AlGaAs/GaAs and InGaP/GaAs HBTs at high temperature 54601
Bashar, S.A. *see* Rezazadeh, A.A. 26696
Bashar, Sh.A. *see* Lukyanchikova, N.B. 55428
Bashaw, M.C., Heanue, J.F., Hesselink, L. Organization of data for monochromatic multiplex volume holography 4139
Bashaw, M.C. *see* Lande, D. 3353
Bashaw, M.C. *see* Lande, D. 4134
Bashaw, M.C. *see* Liu, A.Y. 13555
Bashaw, M.C. *see* Liu, A.Y. 33741
Basheer, O.A.A., Momoh, J.A., Dolce, J.L. An expert optimization system for the rescheduling as a tool for the power management onboard a spacecraft 8270
Basheer Ahmed, S., Zia Ul Haq, Schweizer, T.C., James, J.A. Applicability of renewable energy technologies in developing countries 28991
Bashein, G. *see* Martin, R.W. 28128
Bashein, G. *see* Xiang-Ning Li 28127
Bashevskaya, O.S. *see* Rogov, V.V. 22571
Bashford, A.G., Schindel, D.W., Hutchins, D.A., Wright, W.M.D. Field characterization of an air-coupled micromachined ultrasonic transducer 38131
Bashir, R. *see* Brown, K.C. 54824
Bashirov, A.E., Etikan, H., Semi, N. Filtering, smoothing and prediction for wide-band noise driven linear systems 56508
Bashirov, R.I., Bashirov, R.R., Elizarov, V.A., Mollaev, A.Yu. Galvanomagnetic phenomena in p-$Hg_{1-x}Mn_xTe$ solid solutions 54122
Bashirov, R.R. *see* Bashirov, R.I. 54122
Bashirov, Z.A., Uretskii, Ya.S., Bashirova, A.G. Analysis of the spectrum of mechanical vibrations in vibration tests 17807
Bashirov, Z.A. *see* Uretskii, Ya.S. 17806
Bashirova, A.G. Spectral analysis of polyharmonic vibrations 15267
Bashirova, A.G. *see* Bashirov, Z.A. 17807
Bashkansky, M., Duncan, M.D., Kahn, M., Lewis, D., III, Reintjes, J. Subsurface defect detection in ceramics by high-speed high-resolution optical coherent tomography 21415
Bashkansky, M., Duncan, M.D., Kahn, M., Reintjes, J., Battle, P.R. Subsurface defect detection in ceramic materials using an optical gated scatter reflectometer 11025
Bashkin, A.S., Lobachev, V.V., Fedorov, I.A. Analysis of the spatial scales of optical inhomogeneities in active media of high-power gas-flow laser amplifiers 44365
Bashkuev, Yu.B., Haptanav, V.B., Angarkhaeva, L.H. Statistical law of surface impedance distribution 18770
Bashore, F. Acronyms used by the RF/microwave industry. 1 53514
Basiev, T.T., Dergachev, A.Y., Karasik, A.Y., Fedorov, V.V., Shubochkin, R.L. Highly efficient generation of tunable picosecond pulses in an LiF: F_2^- laser crystal 23829
Basiev, T.T., Zverev, P.G. Barium nitrate crystal as an effective Raman medium for near-IR lasers 24117
Basiev, T.T., Zverev, P.G., Fedorov, V.V., Mirov, S.B. Superbroadband LiF color center laser 3749
Basiev, T.T., Zverev, P.G., Fedorov, V.V., Mirov, S.B. "Sun color" LiF color center laser 3780
Basiev, T.T. *see* Mirov, S.B. 6740
Basilavecchia, M. *see* Gurskii, A.L. 40476
Basileo, M.A. *see* Shih, H.H. 50161
Basilio, R.R. Flight system testbed verification of the Mars Pathfinder Attitude Control System 49865
Basilio Simoes, J., Landeck, J., Cardoso, J.M.R., Loureiro, C.F.M., Malaquias, J.L., Correia, C.M.B.A. A PC based digital pulse processor 59337
Basilio Simoes, J., Loureiro, C.F.M., Landeck, J., Correia, C.M.B.A. A new method for testing the effective number of bits of analog to digital converters 53379
Basilio Simoes, J. *see* Loureiro, C.F.M. 58656
Basille, J.-L., Carrara, J.-P., Fernandez, P. Real time stereovision tools on a SIMD processor 56612
Basinger, S.A., Brady, D.J., Michielssen, E. Super-resolution through space-time control of two-level quantum systems 56896
Basist, A.N. *see* Grody, N.C. 50170
Basistiy, I.V., Marienko, I.G., Soskin, M.S., Vasnetsov, M.V. Optical wavefront dislocations 14257
Baskar, K. *see* Soga, T. 40463
Baskin, L., Shirochin, L., Kovalev, A., Fursey, G. Liquid metal field emitters in problem of space vehicles charging limitation 28494
Baskin, L.M. *see* Fursei, G.N. 53894
Baskin, L.M. *see* Fursei, G.N. 53898
Baskin, L.M. *see* Fursey, G.N. 53943
Basler, M., Krech, W., Platov, K.Yu. Theory of phase-locking in generalized hybrid Josephson-junction arrays 32926
Basmaji, P. *see* Gonzalez-Borrero, P.P. 30813
Basol, B.M., Kapur, V.K., Leidholm, C.R., Halani, A. Flexible and light weight copper indium diselenide solar cells 37974
Basore, P.A., Clugston, D.A. PC1D version 4 for Windows: from analysis to design 39086
Basov, S.A., Khodos, V.V., Vaks, V.L. Noise generator of submillimeter wavelength range 31717
Basov, Yu.G. Femtosecond radiation pulses from solid-state lasers 44401
Basri, R., Grove, A., Jacobs, D. Efficient determination of shape from multiple images containing partial information 5081
Basri, R. *see* Pizlo, Z. 57142
Bass, E.A., Johnston, R., Hunt, B., Rodriguez, G., Gottberg, I., Izhizuka, A., Hall, W. Short and long term energy source technologies for electrically-heated catalysts 29832
Bass, J.C. *see* Killander, A. 39250
Bass, J.C. *see* Leavitt, F.A. 39248
Bass, M. *see* Guohua Xiao 14223
Bass, R. *see* Marrian, C.R.K. 22706
Bass, R.M., Handran, D., Lambert, F.C., Kennedy, J.R. Olympic electric tram system: power quality and power electronics 29795
Bass, R.M. *see* Gezgin, C. 60932
Bass, R.M. *see* Lehman, B. 51151
Bassalleck, B. *see* Fields, D.E. 59301
Bassalygo, L., Malyshev, V., Minlos, R., Ovseevich, I., Pechersky, E., Pinsker, M., Prelov, V., Rybko, A., Suhov, Yu., Shlosman, S. In memory of Roland L'Vovich Dobrushin 45492
Bassalygo, L.A., Pinsker, M.S. Codes detecting localized errors 14811
Bassalygo, L.A., Pinsker, M.S. On codes correcting weakly localized errors 24749
Bassanese, E. *see* Popovic, P. 39151
Bassanezi, R.C. *see* Roman-Flores, H. 40041
Bassani, F., Vervoort, L., Mihalcescu, I., Vial, J.C., Arnaud D'Avitaya, F. Si/CaF_2 heterostructures: a new material for Si-based optoelectronic devices? 12392
Bassani, F. *see* Tredicucci, A. 14271
Bassato, G. *see* Dainelli, A. 49138
Bassato, G. *see* Facco, A. 49139
Bassato, G. *see* Lombardi, A. 37117
Basse, P.W.von *see* von Basse, P.W.
Basset, G. *see* Faure, N. 23871
Basset, O. *see* Hernandez, A. 28129
Bassett, M. *see* Waller, M. 11479
Bassi, P. *see* Bellanca, G. 55822
Bassi, P. *see* Tartarini, G. 55282
Bassi, W. *see* da Frota Mattos, M.A. 8939
Bassil, B.E. *see* Monro, D.M. 57300
Bassil, J. Multimedia over mobile networks using the H.324 family 47391
Bassini, A. *see* Ferri, F. 36909
Bassini, A. *see* Masciadri, E. 14446
Bassino, P. *see* Garibott, G. 35209
Bassiouney, M.A. *see* Eweda, E. 56519
Bassiouni, M.A. *see* Chatterjee, S. 6184
Bassiouny, S. *see* El Sorady, H. 57052
Bassler, B.T., Brunner, R.S., Hofmeister, W.H., Bayuzick, R.J. Ultrahigh speed imaging system for the measurement of solidification velocity via direct observation of rapid solidification 48373
Bassler, H. *see* Tak, Y.-H. 23699
Basso, A., Civanlar, M.R., Cash, G.L. Lessons learned on reliable transmission of real-time MPEG-2 streams over ATM 15608
Basso, A., Dalgic, I., Tobagi, F.A., van den Branden Lambrecht, C.J. A feedback control scheme for low latency constant quality MPEG-2 video encoding 15634
Basso, A. *see* Verscheure, O. 57106
Basso, C. Average simulations of flyback converters with SPICE3 38854
Basso, T.D. *see* Brown, R.B. 41214
Basso, T.S. *see* McMahon, T.J. 39173
Basso, V., Bertotti, G., Duhaj, P., Ferrara, E., Haslar, V., Kraus, L., Pokorny, J., Zaveta, K. Microstructural and magnetic investigation of partially crystallized amorphous ribbons 3086
Bassompierre, G. *see* Alexeev, G. 59200
Bastelaer, B.van *see* van Bastelaer, B.
Basten, M.A., Booske, J.H., Louis, L.J., Joe, J., Scharer, J.E. Formation and transport of low-voltage, space-charge dominated sheet electron beams for high-power microwave devices 17983

Basten, M.A. *see* Booske, J.H. 12118
Basten, M.A. *see* Levush, B. 12097
Basten, M.A. *see* Louis, L.J. 12117
Basten, M.A. *see* Scharer, J.E. 1948
Bastes, J.P.A. *see* Kuo-Peng, P. 51132
Bastiaan Kleijn, W., Yair Shoham, Deep Sen, Hagen, R. A low-complexity waveform interpolation coder 14899
Bastian, R.J. *see* Smith, W.T. 24559
Bastida, E.M., Corso, V., Finardi, C.A., Fischer, R.A., Patiri, V. Monolithic transimpedance amplifiers for low-cost wideband optical links 40931
Bastien, J., Assadi, A., Soederholm, S., Hellberg, J., Moge, M. Fabrication and characterization of Schottky barrier diodes with tetracyanoquinodimethane doped with bis(β-naphthyl)-tetrathiafulvalene 32360
Bastien, O. *see* Manceau, J.-F. 17808
Bastien, S. *see* Khodabakhchian, B. 50326
Bastin, F., Laubin, P. Compactly supported wavelets in Sobolev spaces of integer order 56424
Bastin, M.E., Cowie, A.G., Manners, D.N., Hands, L.J., Styles, P. Use of the Fourier series window protocol with a zig-zag surface coil in ^{31}P NMR human skin spectroscopy. A theoretical study 49495
Bastin, M.E. *see* Cowie, A.G. 49494
Basting, D. *see* Kleinschmidt, J. 2473
Bastl, Z. *see* Drinek, V. 40584
Bastl, Z. *see* Jakoubkova, M. 898
Bastman, J., Hirvonen, R. The effect of load models on the performance criteria of the Finnish power system 19060
Bastnagel, P. *see* Villeneuve, G. 11836
Bastos, J., Steyaert, M., Pergoot, A., Sansen, W. Mismatch characterization of submicron MOS transistors 43316
Bastos, J., Steyaert, M.S.J., Pergoot, A., Sansen, W.M. Influence of die attachment on MOS transistor matching 54806
Bastos, J.P., Cabreira, M.F.R.R., Sadowski, N., Arruda, S.R., Nau, S.L. A thermal analysis of induction motors using a weak coupled modeling 51020
Bastos, J.P.A. *see* Gonzalez, M.L.Y. 44920
Bastos, J.P.A. *see* Sadowski, N. 50884
Bastos, P.L., Anders, M.J., Bongers, M.M.G., Hageman, P.R., Giling, L.J. Temperature dependence on the emerging crystal habit of GaInP deposited on nonplanar {001}GaAs substrates 52657
Bastos, P.L., Anders, M.J., Bongers, M.M.G., Schermer, J.J., Giling, L.J. Temperature-dependent facet development in the deposition of GaInP on non-planar surfaces 52731
Bastos, P.L. *see* Bongers, M.M.G. 30821
Bastos, T.Freire *see* Freire Bastos, T.
Bastys, A. Periodic shift-invariant multiresolution analysis 45914
Basu, A. Development of a user friendly marine geographic information system with spatial data analysis and error estimation of three dimensional data model in the Hawaiian Exclusive Economic Zone 50201
Basu, A., Sahabi, H. Optimal non-uniform discretization for stereo reconstruction 5291
Basu, A., Warren Wong, Baldwin, J. Enhancing stereo image compression using spatially varying sensing 25489
Basu, A. *see* Mitra, R.S. 31204
Basu, A. *see* Saha, D. 52973
Basu, A. *see* Sarkar, S. 53223
Basu, A. *see* Southwell, D. 7406
Basu, A. *see* Welsh, M. 16287
Basu, A. *see* Welsh, M. 35722
Basu, A. *see* Wiebe, K.J. 6346
Basu, A.K. *see* Rajabi, H. 18243
Basu, A.K. *see* Ray, K.P. 1559
Basu, B.N. *see* Ghosh, S. 1951
Basu, B.N. *see* Ghosh, S. 31711
Basu, B.N. *see* Rao, S.J. 12106
Basu, B.N. *see* Rao, S.J. 22180
Basu, B.N. *see* Rao, S.J. 22182
Basu, D.K. *see* Ghatak, K.P. 22340
Basu, P.K. *see* Bandyopadhyaya, A. 33561
Basu, P.K. *see* Bhan, R.K. 55427
Basu, P.K. *see* Sarma, A.D. 51727
Basu, R.S., Murphy, K.P., Kenny-McDermott, E.M. Hydrofluorocarbon solvents in precision cleaning 39950
Basu, S., Daw, A.N. On the estimation of oxide layer breaking in a PET due to annealing 12902
Basu, S., Dutta, A. Room-temperature hydrogen sensors based on ZnO 48726
Basu, S., Essa, I., Pentland, A. Motion regularization for model-based head tracking 5632
Basu, S., Fennelly, M., Pence, J.E., Strid, E. Impedance matching probes for wireless applications 17757
Basu, S. *see* Costa, E. 34057
Basu, S. *see* Rajan, M.M. 18176
Basu, S. *see* Tan, A.C. 57409
Basu, S. *see* Valladares, C.E. 24484
Basu, S. *see* Venkidachalam, G. 18185
Basu, T.K. *see* Holambe, R.S. 46263
Basumallick, I.N. *see* Mukherjee, A. 9473
Basun, S. *see* Evans, D.R. 13825
Basun, S. *see* Evans, D.R. 55410
Basun, S. *see* Raukas, M. 13823
Basun, S. *see* Yen, W.M. 13814
Baszczynski, J. *see* Nawarycz, T. 59614
Baszun, M., Ksiazek, L., Roguski, W. Testing of piezoceramic motor with travelling ultrasonic wave 13315
Baszynski, J., Tolinski, T. Magnetic properties of ultra-thin iron films in Ag/Fe/Ag sandwiches 23351
Bata, R. *see* Smith, A.M. 20618
Bata-Garcia, J.L. *see* Heredia-Lopez, F.J. 48376
Batac, G., Fraser, I. Advanced driver information and traffic management in PLEIADES (Paris-London Corridor) 58541
Bataev, A.V. *see* Vasil'ev, N.F. 18543
Bataev, A.V. *see* Vasil'ev, N.F. 18544
Bataillou, E., Meste, O., Rix, H., Thakor, N.V. Estimation of cardiac action potentials wavefronts 49740
Bataineh, A., Aamodt, M., Thomas, K. A parallel and vector implementation of circuit simulation on Cray supercomputers 1068
Bataineh, M.H., Macario, R.C.V. Modelling refractivity variation in the VHF/UHF bands 4247
Bataineh, M.H., Macario, R.C.V. Diffraction loss calculation method over a smooth spherical Earth 4260
Bataineh, S., Robertazzi, T.G. Stochastic analysis of manufacturing network 453
Batalama, S.N., Kazakos, D. On the generalized Cramer-Rao bound for the estimation of the location 34794
Batalama, S.N. *see* Pados, D.A. 6442
Batalin, V.A., Volkov, Y.N., Kulevoy, T.V., Petrenko, S.V. The acceleration of different specific charge ions in the heavy ion RFQ linac 49180
Batalin, V.A. *see* Lazarev, N.V. 49036
Batalla, E. *see* Guanghua Yi 817
Bataller, M., Calpe, J., Guerrero, J., Espi, J., Rosado, A. The synthesis of digital circuits with networks of CMOS transistors: a methodological approximation 11303
Bataller, M. *see* Rosado, A. 1229
Bataller, M. *see* Rosado, A. 21432
Batard, C. *see* Levagueresse, F. 60909
Batarin, V. *see* Antipov, Yu. 37233
Batchelder, G.W. Drilling oil-islands in the Beaufort Sea 50687
Batchellor, C.R. *see* Johansson, B.S. 16690
Batchellor, C.R. *see* Kruger, U. 47893
Batchelor, A., Fleming, P., Morgan-Owen, G. Ionospheric delay estimation in the European Global Navigation Overlay Service 34049
Batchelor, B.G., Griffiths, E.C., Hack, R., Jones, A.C. Multi-media extensions to prototyping software for machine vision 35164
Batchelor, B.G., Hack, R., Jones, A.C. Prolog-based prototyping software for machine vision 35162
Batchelor, B.G. *see* Jones, A.C. 35120
Batchelor, D. *see* O'Neil, P.A. 21295
Batchelor, J.C., Langley, R.J. Beam scanning using microstrip line on biased ferrite 56187
Batchelor, K. *see* Liu, Y. 36998
Batchelor, S., Oven, R., Ashworth, G. Characterisation of electric field assisted diffused potassium ion planar optical waveguides 3400
Batchu, R.V. *see* Murdocca, M. 3516
Bate, I., Burns, A., McDermid, J., Vickers, A. Towards a fixed priority scheduler for an aircraft application 8251
Bateman, A. *see* Mansell, A.R. 6450
Bateman, E. *see* Alexeev, G. 59200
Batenin, V.M., Klimovsky, I.I., Polistchook, V.P., Sinel'shchikov, V.A., Yartsev, I.M. Investigation of the cathode surface in vacuum arcs with help of the laser monitor 23198
Batenkov, A.A., Glushankov, Ye.I., Tezin, A.V., Ustinov, A.A. Vector quantization of random sequences based on the nonlinear noninteger programming method 34584
Bater, B. The inclusive Intranet: linking into legacy systems 47167
Bates, A.K. *see* Semba, T. 51677
Bates, A.W. The future of learning 47374
Bates, J., Halls, D., Bacon, J. A framework to support mobile users of multimedia applications 47318
Bates, J.B. *see* Wang, B. 19962
Bates, K., James, R.A. Approaching a universal E-O test collimator 38148
Bates, K.N. A high acuity 3-D acoustic imaging system 18365
Bates, R. *see* D'Auria, S. 59251
Bates, S. The asynchronous transfer mode: is it a waste of space? 5733
Bates, S. Case study: Advanced RISC Machines, the future today [company prospects] 30098
Bates, S.C. High temperature fiber optic imaging 36620
Bateson, C.A. *see* Asner, G.P. 8539
Batey, D.L., Breen, M.M. Financing strategies for start-up companies 30101
Batey, J. Recent advances and future directions in a-Si:H TFT/LCD technology 17684
Bath, A. *see* Koukab, A. 54275
Bath, A. *see* Koukab, A. 54279
Bathelon, L., Perrier, P.A., Cavignet, P., Ruggeri, S., Noury, A., Coeurjolly, C., Havard, V., Gauchard, S., Fevrier, H. Experimental assessment of node cascadability in a reconfigurable survivable WDM ring network 36147
Bathie, R.P.De la *see* De la Bathie, R.P.
Bathory-Tarczy, Z. *see* Kikineshy, A. 36599
Baticnani, G., Bosisi, L., Carpinelli, M., Diaconu, C., Elmer, P., Forti, F., Giorgi, M.A., Rizzo, G., Triggiani, G. Results on double-sided DC-coupled silicon strip detectors irradiated with photons up to 1 Mrad 7810
Batignani, G., Bosisi, L., Dellamarina, R., Elmer, P., Forti, F., Giorgi, M.A., Rampino, G., Rizzo, G., Tritto, S. Results on double-sided AC-coupled silicon strip detectors 7811
Batignani, G., Forti, F., Giorgi, M., Rampino, G., Tritto, S., Bosisio, L., Della Marina, R. Characterization of MOS transistors integrated on high resistivity silicon with a DSSD process 59329
Batista, A., English, M. A multiresolution wavelet method for characterisation of ventricular late potentials 49677
Batista, A.J. *see* Fagundes, J.C.S. 51199
Batista, J., Araujo, H., Almeida, A.T. Pose view stability analysis for camera look angles computation 5066
Batista, J., Peixoto, P., Araujo, H. Real-time visual behaviors with a binocular active vision system 27659
Batistela, N.J. *see* Kuo-Peng, P. 51132
Batlle, J. *see* Regincos-Isern, J. 57036
Batlle, X., Garcia del Muro, M., Labarta, A., Goernert, P. Magnetic relaxation and superparamagnetism in nanocrystalline ferrites 3162
Batllo, J.-C., Vaishampayan, V.A. Asymptotic performance of multiple description transform codes 34603
Batman, S., Dougherty, E.R. Size distributions for multivariate morphological granulometries: texture classification and statistical properties 57407
Batni, R.P. The intelligent network's new role 26057
Batni, R.P. A "hybrid intelligent network (IN)" solution for local number portability (LNP) (or how you can take it with you) 26308
Batov, N.G. *see* Gornov, A.O. 92
Batov, N.G. *see* Tkachev, L.G. 9727
Batra, A. *see* Barry, J.R. 5692
Batra, R.C., Liang, X.Q. The vibration of a rectangular laminated elastic plate with embedded piezoelectric sensors and actuators 43578
Batrakov, A.V., Nazarov, D.S., Ozur, G.E., Popov, S.A., Proskurovsky, D.I., Rotshtein, V.P. Increasing the electric strength of vacuum insulation by treating the electrodes with a low-energy, high-current electron beam 23206
Batrakov, A.V., Popov, C.A., Proskurovsky, D.I. Investigation into the erosion of explosive-emission liquid-metal cathodes 22156
Batrakov, A.V., Popov, S.A., Proskurovsky, D.I. Electrohydrodynamic phenomena in exploding tungsten electrical contacts 11792
Batrakov, A.V., Popov, S.A., Proskurovsky, D.I. Sources of pulsed low-energy electron beams and soft X-rays based on liquid-metal explosive-emission cathodes 22169
Batrakov, D.O. *see* Zhuck, N.P. 31030
Batrakov, V.V., Vikulin, I.M., Irkha, V.I., Korobitsyn, V.V. An optoelectronic detector of ammonia 17577
Batrinoea, A.G. *see* Beshlin, V.S. 48481
Batroli, J. *see* Bratov, A. 48458
Batroney, C.B. *see* Bennett, K.D. 30996
Batsell, S.G. *see* Billhartz, T. 57614
Batskikh, G.I., Belugin, V.M., Bondarev, B.I., Fedotov, A.P., Durkin, A.P., Ivanov, Yu.D., Mikhailov, V.N., Murin, B.P., Mustafin, K.Kh., Shumakov, I.V., Uksusov, N.I. Design of high-energy high-current linac with focusing by superconducting solenoids 7697
Batskikh, G.I., Fedotov, A.P., Murin, B.P., Vassilkov, R.G. Accelerator-based transmuter-breeder and energy producer from transuranic actinides and thorium 7687
Batskikh, G.I. *see* Murin, B.P. 49190
Battaglieri, M. *see* Rossi, P. 18092
Battaglin, G. *see* De Battisti, A. 9494
Battaglin, G. *see* de Marchi, G. 13650
Battaglin, G. *see* Gonella, F. 3954
Battail, G. On random-like codes 4509
Battail, G., Boutros, J. On communication over fading channels 46546
Battel, L.C. *see* Cress, D.H. 18769
Batten, L.M., Coolsaet, K., Street, A.P. Blocking sets in (v, {2,4}, 1)-designs 52461
Batterywala, S.H. *see* Patkar, S. 52966
Battig, R.K. *see* Anthamatten, O. 47912
Battistella, A. *see* Dainelli, A. 49138
Battistella, A. *see* Lombardi, A. 37117
Battisti, A.De *see* De Battisti, A.
Battistig, G., Schiller, V., Szilagyi, E., Vazsonyi, E. Channeling experiments on porous silicon before and after implantation 12167
Battistig, G. *see* Hajnal, Z. 12154
Battistoni, C., Bemporad, E., Galdikas, A., Kaciulis, S., Mattogno, G., Mickevicius, S., Olevano, V. Interaction of mercury vapour with thin films of gold 7472
Battistoni, C., Kaciulis, S., Mattogno, G., Olevano, V., Bemporad, E., Galdikas, A., Mickevicius, S. Thin films of gold for mercury sensing 58899
Battle, P.R. *see* Bashkansky, M. 11025
Battocletti, J.H. *see* Hettrick, D.A. 28320
Battuello, M. *see* Machin, G. 27205

Battuello, M. *see* Sakuma, F. 27208
Batty, J.C. *see* Jensen, S. 28611
Batty, J.C. *see* Jensen, S.M. 28613
Batty, S.V. *see* Capan, R. 32597
Batty, S.V. *see* Smith, V.C. 36962
Batty, W. *see* Cole, B.E. 42174
Baturone, I., Sanchez-Solano, S., Barriga, A., Huertas, J.L. CMOS fuzzy controllers implemented as mixed-signal ICs 1629
Baturone, I., Sanchez-Solano, S., Barriga, A., Huertas, J.L. Implementation of CMOS fuzzy controllers as mixed-signal integrated circuits 31403
Batusov, V.Yu., Rusakovich, N.L. Reconstruction of γ-quanta entrance coordinates in shower hodoscope calorimeter with cells of different sizes 28027
Batyan, P.V., Konyakhin, I.A., Pankov, E.D. Reference elements of autocollimation goniometers with improved metrological characteristics 48867
Batygin, Y. *see* Kamigaito, O. 49213
Batygin, Y.K. On space charge dominated beam transport without emittance growth 18038
Batygin, Y.K. Adiabatic matching of a nonuniform intense charged-particle beam into the focusing channel 27988
Batyrshin, I.Z. Lexicographic estimates of the likelihood with universal bounds. II. Operations of negation 21061
Bauch, A. Optical pumping in caesium atomic clocks 7148
Bauch, A., Heindorff, T. PTB's primary clock CS3: uncertainty evaluation and operational experiences 27273
Bauch, A., Heindorff, T., Schroder, R., Fischer, B. The PTB primary clock CS3: type B evaluation of its standard uncertainty 27209
Bauch, A., Schroder, R. Shift of the Cs hyperfine transition frequency due to thermal radiation: experimental verification 27222
Bauch, A. *see* Heindorff, T. 48318
Bauch, H. *see* Brodbeck, T. 4187
Baud, L. *see* Bakli, M. 42731
Baude, P.F. *see* Grillo, D.C. 3907
Baudelet, F. *see* Pizzini, S. 3191
Baudenbacher, F. *see* Herrmann, K. 43819
Baudendistel, K. *see* Debus, J. 59405
Baudet, M. *see* Lambert, B. 13686
Baudet, M. *see* L'Haridon, H. 14278
Baudhuin, E.S. Telemaintenance applications for the Wearable™PC 50289
Baudis, L., Hellmig, J., Klapdor-Kleingrothaus, H.V., Mueller, A., Petry, F., Ramachers, Y., Strecker, H. Proposal for a new Ge-semiconductor dark matter detector 49327
Baudoin, Y. *see* Cornelis, J. 8598
Baudonin, M. *see* Ayadi, K. 39742
Baudouy, B.J.P., Bartholomew, K., van Sciver, S.W. New calorimetric AC loss measurement technique involving superfluid helium 43845
Baudrand, H. *see* Azizi, M. 24543
Baudrand, H. *see* El-Kouhen, D. 4349
Baudrand, H. *see* Neto, A.G. 45301
Baudry, P. *see* Coowar, F. 29547
Bauduin, F.V. *see* Arreguit, X. 17538
Bauer, A., Kolbe, W., Kolbel, J., Peters, R.-P. Micro-application of non-filled adhesives for precision assembly in microsystems manufacturing 41700
Bauer, A. *see* Aderhold, W.R. 22579
Bauer, A. *see* Paar, G. 35019
Bauer, A.J., Burte, E.P., Ryssel, H. Characterization of ultrathin ON stacked layers consisting of thermally grown bottom oxide and deposited silicon nitride 12711
Bauer, B. Implementing no-clean technology 1824
Bauer, B. Solder paste and solder paste deposition 53802
Bauer, C., Baumann, I., Colledani, C., Conway, J., Delpierre, P., Djama, F., Dulinski, W., Fallou, A., Gan, K.K., Gilmore, R.S., Grigoriev, E., Hallewell, G., Han, S., Hessing, T., Hubec, J., Husson, D., Kagan, H., Kania, D., Kass, R., Kinnison, W., Knoepfle, K.T., Krammer, M., Llewellyn, T.J., Manfredi, P.F., Pan, L.S., Pernegger, H., Pernicka, M., Re, V., Roe, S., Rudge, A., Schaeffer, M., Schnetzer, S., Somalwar, S., Speziali, V., Stone, R., Trapper, R.J., Tesarek, R., Trischuk, W., Turchetta, R., Thomson, G.B., Wagner, R., Weilhammer, P., White, C., Ziock, H., Zoeller, M.M. Recent results on chemical-vapor-deposited diamond microstrip detectors 37326
Bauer, C., Baumann, I., Colledani, C., Conway, J., Delpierre, P., Djama, F., Dulinski, W., Fallou, A., Gan, K.K., Gilmore, R.S., Grigoriev, E., Hallewell, G., Han, S., Hessing, T., Honscheid, K., Hrubec, J., Husson, D., James, R., Kagan, H., Kania, D., Kass, R., Knoepfle, K.T., Krammer, M., Llewellyn, T.J., Manfredi, P.F., Meier, D., Pan, L.S., Pernegger, H., Pernicka, M., Re, V., Roe, S., Roff, D., Rudge, A., Schaeffer, M., Schieber, M., Schnetzer, S., Somalwar, S., Speziali, V., Stone, R., Tapper, R.J., Tesarek, R., Trischuk, W., Turchetta, R., Thomson, G.B., Wagner, R., Weilhammer, P., White, C., Ziock, H.J., Zoeller, M. Recent results from the RD42 diamond detector collaboration 37378
Bauer, C. *see* Abt, I. 7783
Bauer, C.E. CSP infrastructure: requirements and expectations 10062
Bauer, C.E. A technical benchmark study of micro/chip scale packages 10127
Bauer, C.E. Micro-machined accelerometers for MCM integration 39343
Bauer, C.E. Three dimensional multichip modules 53871
Bauer, C.E. Hardware access issues confronting KGD suppliers and users 53882
Bauer, C.E., Holden, H. A new metric for microelectronic package assessment: application to micro/chip scale packages 10076
Bauer, C.L. *see* Klinger, L.M. 2432
Bauer, C.L. *see* Klinger, L.M. 42768
Bauer, D., Heeger, M., Gebhard, M., Benecke, W. Design and fabrication of a thermal infrared emitter [multi-gas analysis system] 36731
Bauer, D., Stiller, B., Plattner, B. An error-control scheme for a multicast protocol based on round-trip time calculations 57628
Bauer, D. *see* Shutt, T. 37472
Bauer, D.A. *see* Matthews, A. 49931
Bauer, D.P., Juston, J.M. Rapid testing for multishot railgun bore life 33873
Bauer, D.P. *see* Juston, J.M. 33899
Bauer, D.P. *see* Scholz, T.J. 38811
Bauer, F., Varma, A. ARIES: a rearrangeable inexpensive edge-based on-line Steiner algorithm 57788
Bauer, G. *see* Brunthaler, G. 2204
Bauer, G. *see* Darhuber, A.A. 12449
Bauer, G. *see* Darhuber, A.A. 40304
Bauer, G. *see* Grabecki, G. 12416
Bauer, G. *see* Grabecki, G. 42234
Bauer, G. *see* Kruck, P. 17348
Bauer, G. *see* Pichler, C. 21246
Bauer, G. *see* Springholz, G. 2093
Bauer, G. *see* Springholz, G. 10674
Bauer, G. *see* Straub, H. 12255
Bauer, G. *see* Yuan, S. 42192
Bauer, G.E.W. *see* Tanaka, Y. 12581
Bauer, H.H. Advanced broadband AR coatings in the visible. A comparative study of different deposition technologies 3551
Bauer, H.H., Heller, M., kaiser, N. Optical coatings for UV photolithography systems 3566
Bauer, J., Drescher, G., Illig, M. Surface tension, adhesion and wetting of materials for photolithographic process 54548
Bauer, J. *see* Moftah, B.A. 59349
Bauer, J.J. *see* Bischoff, J. 7573
Bauer, J.U., Schwela, H., Vainoras, A., Ruseckas, R., Korsakas, S. Computerized ECG recording in functional tests 49603
Bauer, M. *see* Oestreicher, Y. 51638
Bauer, M. *see* Slonim, J. 6154
Bauer, M.A. *see* Hong, J.W. 46909
Bauer, O.H. *see* Frey, H.U. 18851
Bauer, O.H. *see* Frey, H.U. 50072
Bauer, P., Fikis, H., Kirchmayr, H. High frequency (0-60 Hz) inductive hysteresis measurement facility 48848
Bauer, P.H., Castaneda, R., Premaratne, K. Zero input behavior of fixed-point digital filters in delta-operator representation 4901
Bauer, P.H. *see* Premaratne, K. 4730
Bauer, R. *see* Hoyer, D. 28077
Bauer, R. *see* Hoyer, D. 49736
Bauer, S. Poled polymers for sensors and photonic applications 2950
Bauer, S., De Reggi, A.S. Pulsed electrothermal technique for measuring the thermal diffusivity of dielectric films on conducting substrates 7668
Bauer, S., Dusane, R.O., Herbst, W., Diehl, F., Schroeder, B., Oechsner, H. p-i interface engineering and i-layer control of hot-wire a-Si:H based p-i-n solar cells using in-situ ellipsometry 9549
Bauer, S., Lang, S.B. Pyroelectric polymer electrets 2884
Bauer, S. *see* Bauer-Gogonea, S. 14342
Bauer, St. *see* Fluck, D. 13671
Bauer, T., Freyer, J., Claassen, M. A resonant-cap power combiner for two-terminal millimeter-wave devices 21933
Bauer, W. *see* Ritzhaupt-Kleissl, H.-J. 52840
Bauer-Gogonea, S., Gerhard-Multhaupt, R. Nonlinear optical polymer electrets current practice 4044
Bauer-Gogonea, S., Wirges, W., Bauer, S., Gerhard-Multhaupt, R., Liang, J., Zyss, J. Electrical determination of the degree of cross-linking in a poled non-linear optical polymer 14342
Bauer-Grosse, E. *see* Bozzolo, N. 40604
Bauer-McDaniel, T. *see* Reed, R. 52850
Bauerle, D. *see* Kargl, P.B. 40583
Bauerle, D. *see* Luk'yanchuk, B. 947
Bauernschub, R., Lall, P. Addressing defect-related reliability and screening levels through physics of failure analysis 30279
Baugh, C.R. Wireless quality: A ticking time bomb? 57756
Baugh, E. *see* Swain, R. 43673
Baugh, S. *see* Dimmler, W.M. 38175
Baugher, E. *see* Bandyopadhyay, S. 54183
Baughman, M.L., Siddiqi, S.N., Zarnikau, J.W. Advanced pricing in electrical systems. I. Theory 50366
Baughman, M.L., Siddiqi, S.N., Zarnikau, J.W. Advanced pricing in electrical systems. II. Implications 50367
Bauguess, S., Liu, L.H., Dreyer, M.L., Griswold, M., Hurley, E. The effects of accelerated stress conditions on electromigration failure kinetics and void morphology 42759
Bauhofer, W., Ruter, D. Luminescent waveguide structures deposited from liquid organosilane vapour sources 880
Bauhuis, G.J. *see* Hageman, P.R. 38978
Baukens, V. *see* Kirk, A. 55360
Bauknecht, A. *see* Geiger, M. 42239
Bauknecht, R., Schneibel, H.P., Schmid, J., Melchior, H. 12 Gbit/s laser diode and optical modulator drivers with InP/InGaAs double HBTs 6751
Baulain, U. Magnetic resonance imaging for the in vivo determination of body composition in animal science 59469
Baum, A.W. *see* Schneider, J.E. 22674
Baum, C.W., Pursley, M.B. Bayesian generation of dependent erasures for frequency-hop communications and fading channels 16012
Baum, D. *see* Dong, M. 22259
Baum, G. *see* Bushlin, Y. 17533
Baum, T.-P. *see* Karray, L. 28137
Baum, T.H. *see* Studebaker, D.B. 33701
Bauman, D. *see* Grabtschev, I.K. 55324
Baumann, F. *see* Lubowe, A.G. 59901
Baumann, G. *see* Romberg, D. 37822
Baumann, H. *see* Mack, S. 32581
Baumann, H. *see* Mack, S. 54836
Baumann, I., Bosso, S., Brinkmann, R., Corsini, R., Dinand, M., Greiner, A., Schafer, K., Sochtig, J., Sohler, W., Suche, H., Wessel, R. Er-doped integrated optical devices in $LiNbO_3$ 44059
Baumann, I. *see* Abt, I. 7783
Baumann, I. *see* Baek, Y. 13705
Baumann, I. *see* Bauer, C. 37326
Baumann, I. *see* Bauer, C. 37378
Baumann, J., Kaufmann, C., Rennau, M., Werner, T., Gessner, T. Investigation of copper metallization induced failure of diode structures with and without a barrier layer 42640
Baumann, P.K., Nemanich, J. Characterization of cobalt-diamond (100) interfaces: electron affinity and Schottky barrier 2247
Baumann, S.B., Wozny, D.R., Kelly, S.K., Meno, F.M. The electrical conductivity of human cerebrospinal fluid at body temperature 37808
Baumann, S.B. *see* Stonick, J.T. 28365
Baumann, T. A new identification method for the rotor resistance of AC servo drives 61230
Baumann, W. *see* Ehret, R. 36720
Baumback, M.M. *see* Haas, D.G. 1433
Baumbaugh, B. *see* Adams, D. 59218
Baumberger, W. *see* Leber, P. 32564
Baumeister, G. *see* Schimpe, R. 16765
Baumeister, H. *see* Keidler, M. 40341
Baumela, L. *see* Brooks, M.J. 56851
Baumgardner, C.R. *see* Grant, K.P. 20757
Baumgart, J.W. *see* Bischoff, J. 7573
Baumgarte, V. *see* Klappenecker, A. 21813
Baumgartl, J., Mueller, G. The use of magnetic fields for damping the action of gravity fluctuations (g-jitter) during crystal growth under microgravity 30718
Baumgartl, J. *see* Friedrich, J. 10656
Baumgartner, D. Floorplanning high-speed board layouts 31582
Baumgartner, D. The designer's view [PCB design for manufacturability] 31589
Baumgartner, E., Huser, P.-A. Centrex, an ideal utility for the future 16189
Baumgartner, F. Putting the commercial in commercial satellite communications 36068
Baumgartner, F.P. *see* Nigge, K.-M. 674
Baumgartner, G. ESD demonstrations to increase engineering and manufacturing awareness 24344
Baumgartner, H., Jiang, W., Eisele, I. Excimer laser induced chlorine etching of Si patterns for microelectronics 2393
Baumgartner, H. *see* Porenta, G. 37691
Baumgartner, P., Engel, C., Abstreiter, G. The influence of surface states on in-plane-gated structures 31989
Baumgartner, P., Wegscheider, W., Bichler, M., Schedelbeck, G., Neumann, R., Abstreiter, G. Single-electron transistor fabricated by focused laser beam-induced doping of a GaAs/AlGaAs heterostructure 54719
Baumgartner, T.J. *see* Bartter, W.D. 47266
Baumgartner, T.J. *see* Nichols, J.M. 26295
Baumgartner, W. *see* Gstoettner, W. 8153
Baumgartner, W. *see* Ruth, R.D. 49165
Bauml, R.W., Fischer, R.F.H., Huber, J.B. Reducing the peak-to-average power ratio of multicarrier modulation by selected mapping 4423
Baumont, F. *see* Davis, J.A. 36360
Baums, A.K., Chipa, A.A. Time interval measurement in microprocessor systems 31301
Baums, D. *see* Haisch, H. 26831
Baums, D. *see* Idler, W. 24131
Baumvol, I.J.R., Borucki, L., Chaumont, J., Ganem, J.-J., Kaytasov, O., Piel, N., Rigo, S., Schulte, W.H., Stedile, F.C., Trimaille, I. Isotopic tracing of Si during thermal growth of Si_3N_4 ultrathin films 10735
Baumvol, I.J.R., Stedile, F.C., Ganem, J.-J., Trimaille, I., Rigo, S. Isotopic tracing during rapid thermal growth of silicon oxynitride films on Si in O_2, NH_3, and N_2O 42597

Baumvol, I.J.R. *see* Stedile, F.C. 12567
Baune, D.A. *see* Christian, P.E. 49834
Baune, D.A. *see* Petersen, M.J. 28397
Baur, H.J., Engelmann, U., Saurbier, F., Schroter, A., Baur, U., Meinzer, H.P. How to deal with security issues in teleradiology 49564
Baur, J. *see* Kunzer, M. 31854
Baur, S. *see* Radford, W. 17492
Baur, T. Liquid crystals spatial light modulators for precision optics applications 55329
Baur, U. *see* Baur, H.J. 49564
Baurichter, A. *see* Van Elp, J. 37538
Baurle, R. *see* Luebbers, R. 37902
Baurle, S. Why not downwards? Switching regulator used differently for once 31113
Bauschke, H.H., Borwein, J.M. On projection algorithms for solving convex feasibility problems 444
Bauschlicher, C.W., Jr., Ricca, A., Merkle, R. Chemical storage of data 53821
Bauser, E. *see* Albrecht, M. 10778
Bauser, E. *see* Konuma, M. 10686
Bauser, E. *see* Silier, I. 10773
Bauser, E. *see* Silier, I. 30759
Bausiere, R. *see* Delarue, P. 41310
Bausk, E.V., Yakovkin, I.B. Design of low-shape-factor SAW filters having a single acoustic track 13395
Bausys, R. *see* Wiberg, N.-E. 10566
Bautista, A. *see* Iglesias, I.J. 51632
Bautista, E.O. *see* Stoll, R.D. 18760
Bautista Cadena, S.A. *see* Montero Hernandez, O. 9228
Bautong Dai *see* Dai Bautong
Bautovich, G. *see* Narita, Y. 8005
Bautz, G. *see* Meggers, J. 58147
Bautz, M. *see* Yamashita, A. 59364
Bauville, G., Bendiab, F., Meslem, Y., Delmas, A. New investigation on pseudospark discharge and quenching phenomenon at zero current 28952
Bava, E., Massari, F. Frequency response of a Fabry-Perot cavity excited by a frequency modulated stochastic laser field 24042
Bavard, J. *see* Delemontey, B. 61131
Bavard, J. *see* Jacquot, B. 61159
Bavard, J. *see* Kim, K.S. 51774
Baviere, P. *see* Boy, J.J. 23265
Baviere, P. *see* Brendel, R. 27833
Bavinck, H. Linear perturbations of differential or difference operators with polynomials as eigenfunctions 30600
Bavuso, S.J. Aerospace applications of Weibull and Monte Carlo simulation with importance sampling 59878
Bawagan, A.D.O. *see* Hong, J. 55831
Bawendi, M.G. *see* Rodriguez-Viejo, J. 54089
Bax, E., Franklin, J. A finite-difference sieve to count paths and cycles by length 21180
Bax, W.T., Copeland, M.A., Riley, T.A.D. A single-loop second-order $\Delta\Sigma$ frequency discriminator 40964
Baxer, J.E. *see* Kluender, J.F. 10854
Baxley, F.O. *see* Montgomery, J.B. 8685
Baxley, P.A. *see* Booth, N.O. 18866
Baxter, C. *see* Taylor, M.B. 8145
Baxter, G., Wade, S., Collins, S., Monnom, G., Maurice, E. Rare-earth doped optical fibres for point temperature sensing 27591
Baxter, G.M., Aitchison, F., Sheppard, D., Moss, J.G., McLeod, M.J., Harden, P.N., Love, J.G., Robertson, M., Taylor, G. Colour Doppler ultrasound in renal artery stenosis: intrarenal waveform analysis 7895
Baxter, G.W. *see* Maurice, E. 58799
Baxter, L. *see* Hirst, E. 38246
Baxter, L.W. Understanding net lost revenue adjustment mechanisms and their effects on utility finances 28808
Baxter, M.S. *see* Povinec, P.P. 18928
Baxter, R.A., Oliver, J.J. The kindest cut: minimum message length segmentation 25778
Baxter, R.A., Seibert, M. SAR image compression with the Gabor transform: a comparison of different quantizers and bit allocation methods 6947
Baxter, R.L. *see* Changhai Wang 43905
Bay, A. *see* Annis, P. 59237
Bay, O.F. *see* Elmas, C. 61147
Bay, S. *see* McConnell, C. 42472
Bay-Ann Yuan *see* Yao-Tsung Tsai 11069
Bayard, J.-P.R., De Haas, S. Multimedia teaching tools for an introductory circuit analysis course 20490
Bayart, D. *see* Beylar, J.-L. 26821
Bayart, D. *see* Beylat, J.-L. 23815
Bayazitov, R.M., Zakirzyanova, L.Kh., Khaibullin, I.B., Remnev, G.E. Formation of heavily doped semiconductor layers by pulsed ion beam treatment 32145
Baydush, A.H., Bowsher, J.E., Laading, J.K., Floyd, C.E., Jr. Improved Bayesian image estimation for digital chest radiography 49508
Bayer, N. On the identification of Wiener-Hopf factors 52428
Bayer, N., Boxma, O.J. Wiener-Hopf analysis of an M/G/1 queue with negative customers and of a related class of random walks 52418
Bayerl, M.W., Brandt, M.S., Stutzmann, M. Electrically detected magnetic resonance (EDMR) of defects in GaN light emitting diodes 55451
Bayes, M. *see* Boger, D. 11878
Bayford, R. *see* Mullins, M. 36485
Bayford, R.H., Boone, K.G., Hanquan, Y., Holder, D.S. Improvement of the positional accuracy of EIT images of the head using a Lagrange multiplier reconstruction algorithm with diametric excitation 18446
Baykal, A., Ranjan, R., Thakor, N.V. Estimation of the ventricular fibrillation duration by autoregressive modeling 59633
Baykal, B., Constantinides, A.G. Underdetermined-order recursive least-squares adaptive filtering: the concept and algorithms 34781
Baykal, B. *see* Tanrikulu, O. 45936
Baykal, N., Reggia, J.A., Yalabik, N., Erkmen, A., Beksac, M.S. Feature discovery and classification of Doppler umbilical artery blood flow velocity waveforms 18209
Baykouchev, S.B. *see* Harris, N.D. 49374
Baykova, A.T. On the problem of nonlinear distortions of the maximum-entropy method 46183
Bayliss, S.C. *see* Sapelkin, A.V. 22274
Bayliss, S.C. *see* Sapelkin, A.V. 42005
Baylon, D.M., Lim, J.S. Optimal transform coefficient selection for images 35256
Baylou, P. *see* Alata, O. 56775
Baylou, P. *see* Guillon, S. 56977
Bayly, P.V., KenKnight, B.H., Chattipakorn, N., Windecker, S., Usui, M., Rogers, J.M., Johnson, C.R., Ideker, R.E., Smith, W.M. Maximum entropy estimation of spatial patterns of activation rate during ventricular fibrillation 59733
Bayly, P.V., KenKnight, B.H., Rogers, J.M., Ideker, R.E., Smith, W.M. Estimation of conduction velocity vector fields from 504 channel epicardial mapping data 37778
Bayly, P.V. *see* Chattipakorn, N. 59732
Bayma, R.W. Hughes Integrated Synthetic Aperture Radar 8309
Bayma, R.W., Trujillo, E. HISAR™ COTS-based synthetic aperture radar 49911
Baynton, K. Biting the Intranet bullet 26132
Bayod Rujula, A.A., Sanz Badia, M. A new approach to harmonic compensation with hybrid active filters 50416
Bayon, J.F. *see* Bernage, P. 23472
Bayon, J.F. *see* Cordier, P. 43946
Bayon, J.F. *see* Douay, M. 24268
Bayon, J.F. *see* Kurkov, A.S. 43971
Bayon, J.F. *see* Kurkov, A.S. 43983
Bayon, J.F. *see* Poignant, H. 43979
Bayon, J.F. *see* Taunay, T. 13617
Bayon, J.F. *see* Taunay, T. 43967
Bayoumi, A.M., Hauser, J.R. Studies of the effect of various gas species on Si-SiO_2 interface charges and surface roughness for rapid thermal deposited gate oxides 21347
Bayoumi, M. *see* Abu-Shama, E. 1293
Bayoumi, M. *see* Agrawal, A. 46651
Bayoumi, M.A. *see* Alhalabi, B.A. 53513
Bayoumi, M.A. *see* Limqueco, J.C. 31296
Bayoumy, M.E.-S.A. *see* Badr, K.H. 53568
Bayrakeri, S., Mersereau, R.M. MPEG-2/ECVQ lookahead hybrid quantization and spatially scalable coding 56627
Bayram, M., Baraniuk, R.G. Multiple window time-frequency and time-scale analysis 24890
Bayram, M., Baraniuk, R.G. Multiple window time-frequency analysis 34925
Bayramian, A.J., Marshall, C.D., Wu, J.H., Speth, J.A., Payne, S.A., Quarles, G.J., Castillo, V.K. Ce:LiSrAlF$_6$ laser performance with antisolarant pump beam 3765
Bayro-Corrochano, E., Lasenby, J., Sommer, G. Geometric algebra: a framework for computing point and line correspondences and projective structure using n uncalibrated cameras 5087
Bayro-Corrochano, E. *see* Lasenby, J. 5098
Bayro-Corrochano, E. *see* Lasenby, J. 57238
Bayukov, Yu.D. *see* Akimov, V.A. 28024
Bayuzick, R.J. *see* Bassler, B.T. 48373
Bayvel, P. *see* Baroni, S. 36100
Bayvel, P. *see* Di Muro, R. 58344
Bayvel, P. *see* Khrushchev, I.Yu. 23806
Bayvel, P. *see* Stavdas, A. 4154
Bayvel, P. *see* Stavdas, A. 26750
Bayvel, P. *see* Timofeev, F.N. 16767
Bayvel, P. *see* Timofeev, F.N. 48022
Bayvel, P. *see* Timofeev, F.N. 58338
Bayya, A., Vis, M. Objective measures for speech quality assessment in wireless communications 15044
Bayya, A. *see* Avendano, C. 45674
Baz, A. *see* Poh, S. 17323
Baz, D.El *see* El Baz, D.
Bazan, G., Orlov, A.O., Snider, G.L., Bernstein, G.H. Charge detector realization for AlGaAs/GaAs quantum-dot cellular automata 22897
Bazargan-Sabet, P., Dunoyer, J., Greiner, A., Rosset-Louerat, M.M. A system level teaching environment for designing the 32 bit DLX microprocessor 9891
Bazargan-Sabet, P., Huu-Nghia Vuong Experiments with a modular VHDL simulation tool for digital VLSI 31061
Bazarjani, S. *see* Swaminathan, A. 53362
Bazarjani, S. *see* Tarr, N.G. 13146
Bazarov, Y. Introduction to Global Navigation Satellite System 7020
Bazhan, A.N. Three coordinate vibrating sample magnetometer 7540
Bazhanov, Yu.V., Shaposhnikov, S.N. Focusing grating on the concave surface of an optical waveguide 13649
Bazhenov, O.G., Karachinov, V.A. Erosion replication of silicon carbide based structures 39459
Bazhenov, O.Yu. *see* Aleksandrov, A.V. 49205
Bazin, G. *see* Journet, B. 48878
Bazinet, J., Dalal, D. Monolithic controller for single stage power factor correction with isolation and soft-switching 50439
Bazovkin, V.M. *see* Kurishev, G.L. 17502
Bazu, M. *see* Dragan, M. 54557
Bazulin, E.G., Tikhonov, D.S. Expert evaluation of defect type and dimensions with the aid of a coherent ultrasonic flaw detector 52879
Bazutkin, V.V., Litvinov, A.L. Method for calculating transient processes in nonuniform long lines and transformer windings 28744
Bazylenko, M.V., Gross, M. Reactive ion etching of silica structures for integrated optics applications 12751
Bazylenko, M.V., Gross, M., Gauja, E., Chu, P.L. Fabrication of light-turning mirrors in buried-channel silica waveguides for monolithic and hybrid integration 23715
Bazzano, A., Brunetti, M.T., Cocchi, M., Hall, C.J., Lewis, R.A., Natalucci, L., Ortuno-Prados, F., Ubertini, P. First experimental results and simulation for gas optimisation of the MART-LIME detector 7799
Berthe, L., Fabbro, R., Peyre, P., Tollier, L., Bartnicki, E. Laser shock processing of materials: study of laser induced breakdown in water confinement regime 14492
Bdira, I.B., Elhakeem, A.K. A radio-link protocol analysis of integrated CDMA networks a comparison with TDMA 46662
Be-Woo Kim *see* Jong-Son Lyu 43061
Beach, C.D. *see* Lee, J. 16019
Beach, D. *see* Grill, A. 54949
Beach, D.B. *see* Kane, W.F. 40586
Beach, D.B. *see* Kouvetakis, J. 21256
Beach, K.L. *see* Lee, P.H.Y. 18885
Beach, K.L. *see* Lee, P.H.Y. 18889
Beach, K.W., Strandness, D.E., Jr. Characterization of carotid artery atherosclerotic plaques with transcutaneous ultrasound 28187
Beach, K.W. *see* Dunmire, B.L. 28181
Beach, K.W. *see* Leotta, D.F. 28124
Beach, M.A. *see* Fitton, M.P. 35989
Beach, M.A. *see* Nix, A.R. 47210
Beach, M.A. *see* Tsoulos, G.V. 35991
Beach, R. *see* Solarz, R. 55954
Beach, R.J., Sutton, S.B., Skidmore, J.A., Emanuel, M.A. High-power 2-μm wing-pumped Tm:YAG laser 14080
Beach, R.J. *see* Crane, J.K. 14087
Beach, R.J. *see* Kopf, D. 23875
Beach, R.J. *see* Kopf, D. 33449
Beach, R.W. *see* Jaramillo, P.D. 46973
Beacham, N. *see* Richards, S. 39620
Beachboard, J.C., McClure, C.R., Bertot, J.C. A critique of federal telecommunications policy initiatives relating to universal service and open access to the national information infrastructure 57708
Beachler, R.K. *see* Lytle, C. 1042
Beadie, G. *see* Rabinovich, W.S. 3452
Beadle, E.R., Djuric, P.M. A fast-weighted Bayesian bootstrap filter for nonlinear model state estimation 34723
Beadle, H.W.P. *see* Barnett, S.A. 47349
Beadle, H.W.P. *see* Judge, J. 46687
Beagou, V.S. *see* Kalinin, A.V. 56140
Beak, J.H. *see* Han, M.S. 2026
Beale, G.O., Mengli Li Robust temperature control for microwave heating of ceramics 39430
Beale, J.T., Hou, T.Y., Lowengrub, J. Convergence of a boundary integral method for water waves 629
Beale, R. *see* Le Bas, T.P. 18869
Beales, T. *see* Dhalle, M. 32894
Beals, J. "Zero-knit" line formed in-place gaskets for electronic module sealing 10148
Beals, R., Nishino, T., Tanaka, K. More on the complexity of negation-limited circuits 31186
Beam, E., III *see* van der Wage, P. 41149
Beam, E.A., III., Brar, B., Broekaert, T.P.E., Chau, H.F., Liu, W., Seabaugh, A.C. Gas-source molecular beam epitaxy of electronic devices 21303
Beam, E.A., III *see* van der Wagt, J.P. 1422
Beam, G. *see* Kleppe, J.A. 59071
Beam, J.E. *see* Chow, L.C. 22808
Beam, J.E. *see* Ramalingam, M.L. 27047
Beam, J.E. *see* Ramalingam, M.L. 29387
Beam, J.E. *see* Streby, M.A. 29257
Beamer, L. *see* Stowell, M.H.B. 18159
Beamlll, E.A. *see* Randall, J.N. 22896
Beamon, W.S., III *see* Geddes, N.D. 59869
Bean, A. *see* Kagan, H. 37508
Bean, A. *see* Shipsey, I. 59232
Bean, A. *see* Spencer, M.B. 59274
Bean, J.C. *see* Ben Hadj-Alouane, A. 52512
Bean, J.C. *see* Diaz, D.C. 17347
Bean, J.C. *see* Manor, R. 2160
Beanlands, R.S. *see* Watson, C.C. 37675
Beard, B.T. *see* Zhongze Wang 42350
Beard, C.A., Bracht, R.R., Buksa, J.J., Chaves, W., DeVolder, B.G., O'Brien, H., Park, J.J., Parker, R.B., Pillai, C., Potter, R.C., Reid, R.S., Trujillo,

D.A., Vela, O.A., Venneri, F., Weinacht, D.J., Wender, S.A., Wilson, W.B., Woloshun, K.A. Flowing lead spallation target design for use in an ADTT experimental facility located at LAMPF 7757
Beard, C.A. *see* Buksa, J.J. 7759
Beard, C.A. *see* Lee, S.K. 7713
Beard, J.T. *see* Arthur, J.H. 29887
Beard, T.J. *see* Arthur, J.H. 29888
Beard, W.T. *see* Wilson, S.W. 54428
Beardmore, K.M. *see* Cai, D. 22544
Beardsley, C.L. *see* Dillery, D.D. 60142
Beare, R. *see* Moini, A. 25700
Bearman, M. *see* Vogel, A. 6160
Bearman, M. *see* Waugh, A. 6157
Bearne, M. *see* Hewitt, J. 6325
Bearnson, G.B. *see* Hee Chan Kim 18534
Bearpark, T. *see* Anderson, N. 23751
Bearzotti, A. *see* Foglietti, V. 58732
Bearzotti, A. *see* Russo, M.V. 58721
Bearzotti, R.A. *see* Zammit, U. 52923
Beasley, D.B., Cooper, J.B. Performance capabilities and utilization of MICOM's diode laser based infrared scene projector technology 28508
Beasley, H.H. *see* Rash, C.E. 18636
Beasley, J.E. UV spot curing: an in-line and off-line spot cure approach 52165
Beasley, J.E., Chu, P.C. A genetic algorithm for the set covering problem 451
Beasley, M. *see* Pease, R.F. 32244
Beasley, M.R. *see* Berkowitz, S.J. 3291
Beasley, M.R. *see* Snyder, G.J. 23290
Beasock, J.V. *see* Ramseyer, G.O. 54504
Beaton, P., Chen, Q. ITS and incident management: a problem in fragmented governance 26604
Beaton, R.J. *see* Jones, M.M. 58948
Beaton, R.J. *see* Wen, C.Y. 57510
Beatson, R.K. *see* Carr, J.C. 28219
Beattie, A.R., White, A.M. An analytic approximation with a wide range of applicability for band-to-band radiative transition rates in direct, narrow-gap semiconductors 54075
Beattie, S. Circuit breaker condition assessment by vibration and trip coil analysis 38918
Beattie, W.C. *see* Raghunathan, S. 50816
Beatty, J. *see* Douglas, R.M. 59764
Beau, C. *see* Chane-Che-Lai, F. 3620
Beau, M. *see* Martinez, E. 49350
Beauchamp, P.M., Aucalai, L., Brown, R.H., Capps, R.W., Chen, G.-S., Crisp, M.P., Cutts, J.A., Davidson, I.M., Petrick, S.W., Rodgers, D.H., Vane, G., Soderblom, L.A., Yelle, N.V. The sciencecraft process 59963
Beauchamp, P.M., Benoit, R.T., Brown, R.H., Bruce, C.F., Chen, G.-S., Crisp, M.P., Davidson, J.M., Fraschetti, G.A., Petrick, S.W., Rodgers, D.H., Sandel, B., Sepulveda, C.A., Soderblom, L.A., Wang, D., Soll, S.L., Yelle, R.V. Planetary Integrated Camera-Spectrometer (PICS): a new approach to developing a self-sequencing, integrated, multiwavelength instrument 36693
Beauchamp, P.M. *see* Rodgers, D.H. 59861
Beaucoudrey, N.de *see* de Beaucoudrey, N.
Beaucour, J. *see* Mangeret, R. 20906
Beaudin, G. *see* Boutez, C. 31533
Beaudoin, B.M. *see* Yip, R.Y.-F. 33115
Beaudoin, M., Johnson, S.R., DeVries, A.J.G., Mohades-Kassai, A., Tiedje, T. Temperature dependence of the optical absorption edge in indium phosphide 27962
Beaudoin, M. *see* Kelson, I. 48897
Beaudoin, S. *see* Wang, D. 54381
Beaudoin, Y., Chaker, M., Johnston, T.W., Pepin, H. Laser reflectometry in situ measurement of lead zirconate titanate film growth 36942
Beaudot, W.H.A. Adaptive spatiotemporal filtering by a neuromorphic model of the vertebrate retina 59372
Beaufils, P. *see* Azancot, I. 37654
Beaujean, P.P. *see* Cuschieri, J.M. 48147
Beaujean, P.P. *see* LeBlanc, L.R. 48028
Beaulieu, C.F. *see* Shahidi, R. 18399
Beaulieu, N.C. *see* Choy, W.W. 57552
Beaulieu, N.C. *see* Paranchych, D.W. 5677
Beaulieu, N.C. *see* Smee, J.E. 35386
Beaulieu, N.C. *see* Tomiuk, B.R. 34522
Beaulieu, N.C. *see* Wg, W. 35473
Beaulieu, N.C. *see* Young, D.J. 45811
Beaulieu, R., Buttle, P., Campbell, B., Kulidjian, A., Pozzuoli, M. Transformer protection using microprocessor based relays 51072
Beaumont, B., Gibart, P. Nitrogen precursors and metal organic vapour phase epitaxy of (Al,Ga)N 10701
Beaumont, B., Vaille, M., Boufaden, T., El Jani, B., Gibart, P. High quality GaN grown by MOVPE 40364
Beaumont, B. *see* Calleja, E. 44213
Beaumont, B. *see* Teisseyre, H. 40442
Beaumont, E. *see* Garreau, Ph. 8618
Beaumont, P.K., Fatmi, H.A. An implementation of cyber-neurons based on SS7 57667
Beaumont, S. *see* Thayne, I. 53649
Beaumont, S.P. *see* Babiker, S. 2713
Beaumont, S.P. *see* Babiker, S. 2716
Beaumont, S.P. *see* Cumming, D.R.S. 22730
Beaumont, S.P. *see* Murad, S. 22566
Beaumont, S.P. *see* Murad, S.K. 22880
Beaumont-Smith, A., Burgess, N. Modified Kogge-Stone VLSI adder architecture for GaAs technology 53202
Beaunier, P. *see* Ribes, A.T. 9521
Beaupellet, J.L. *see* Sghedoni, M. 49900
Beauregard, F. *see* Brochu, J. 50433
Beauregard, F. *see* Haiji, R. 27870
Beauregard, F. *see* Sybille, G. 8853
Beaurin, O., Royannez, P., Chaput, J.-P., Amara, A. A GaAs data-path compiler 53203
Beausang, J., Ellingham, C., Robinson, M. Integrating scan into hierarchical synthesis methodologies 31166
Beauvais, P.-Y., Delferriere, O., France, A., Ferdinand, R., Gobin, R., Lagniel, J.M., Leroy, P.A., Farchi, A. The Saclay high-current proton and deuteron ECR source 37207
Beauvais, P.Y., Lagniel, J.M., Pichoff, N., Haouat, G., Chaix, P. Space-charge neutralization experiment with a low-energy proton beam 37135
Beauvoir, B.de *see* de Beauvoir, B.
Beauwens, R. *see* Saint-Georges, P. 10571
Beaven, R.W., Wright, M.T., Friswell, M.I. The use of identified parameter limits in a robust adaptive controller 60787
Beaver, D., Feigenbaum, J., Kilian, J., Rogaway, P. Locally random reductions: improvements and applications 34570
Bebek, C. *see* Kagan, H. 37508
Bebek, C. *see* Shipsey, I. 59232
Bebek, C. *see* Spencer, M.B. 59274
Bebenin, N.G. *see* Ustinov, V.V. 23350
Bebermeier, H., Broker, H., Wehner, K.-H. The first solar array with 5 μm GaAs solar cells 38005
Bebic, J.Z., Jankovic, M.V. A method of synchronizing microprocessor-controlled pulse width modulation inverters with the mains voltage 51331
Bebjak, A. *see* Hine, N. 6172
Beccard, R., Lengeling, G., Schmitz, D., Gigase, Y., Juergensen, H. Replacement of hydrides by TBAs and TBP for the growth of various III-V materials in production scale MOVPE reactors 40330
Beccard, R. *see* Schmitz, D. 21310
Beccaria, M. *see* Luiten, A.N. 48500
Beccherelli, R. *see* d'Alessandro, A. 7507
Beccherelli, R. *see* Maltese, P. 48766
Beccherle, R. *see* Bertolucci, E. 37628
Beccherle, R. *see* Marchesini, R. 59447
Beccue, S. *see* Wu, D.Y. 47941
Becerril, M., Zelaya-Angel, O., Ramirez-Bon, R., Espinoza-Beltran, F.J., Gonzalez-Hernandez, J. Indium doping of CdTe polycrystalline films prepared by co-sputtering of CdTe-In-Cd targets 42389
Becerro, J. *see* Liu, C.T. 2641
Becerro, J. *see* Liu, C.T. 32155
Becerro, J. *see* Rafferty, C.S. 42410
Becher, P. *see* Pellegrini, J. 42801
Bechinger, C., Ferrere, S., Zaban, A., Sprague, J., Gregg, B.A. Photoelectrochromic windows and displays 13696
Bechini, M., Del Corona, A., Del Tredici, S., Tofani, A. PREPARE: a computer program for the prediction of patient doses in diagnostic radiology 8191
Bechini, M. *see* Tofani, A. 37872
Bechly, M.E., Clausen, P.D. Structural design of a composite wind turbine blade using finite element analysis 50862
Bechou, L. *see* Deletage, J.-Y. 30264
Bechstedt, F. *see* Gavrilenko, V.I. 22200
Bechstedt, F. *see* Kackell, P. 2376
Bechstein, V. *see* Stolzer, M. 30948
Bechtel, H., Czarnojan, W., Haase, M., Mayr, W., Nikol, H. Phosphor screens for flat cathode ray tubes 58942
Bechtel, H., Czarnojan, W., Haase, M., Wadow, D. Phosphor degradation under electron excitation with varying anode voltage 13829
Bechtel, J.H. *see* Shi, Y. 47949
Bechtel, J.H. *see* Wenshen Wang 56214
Bechtel, J.H. *see* Yongqiang Shi 23581
Bechtel, J.H. *see* Yongqiang Shi 44070
Bechtel, S. *see* Powell, J. 31667
Bechterev, A.V. *see* Kurishev, G.L. 17502
Bechtold, F. *see* Kloeser, J. 53829
Bechtold, K. Berlin bounds from insular to integrated operations [electricity supply] 28780
Bechtold, K., Pokojski, M. Combined heat and power in Berlin–a means of reduction of CO_2 emissions 38607
Bechtolsheim, A. *see* Ross, M. 47165
Beck, A. *see* Alff, L. 23416
Beck, A. *see* Hernandez, D. 48611
Beck, C. *see* Bendotti, P. 50711
Beck, C.E. *see* Hussain, B. 50629
Beck, E. *see* Tong, Q.-Y. 42516
Beck, F. Design and materials for metal-free rechargeable batteries 9506
Beck, F. *see* Krohn, H. 9508
Beck, F. *see* Kruger, F. 9571
Beck, F. *see* Barsukov, V. *(editor)* 44
Beck, G.A. *see* Beringer, J. 37394
Beck, G.T., Huff, C. C-17 automatic test system operations versatile automated test equipment 38150
Beck, H.-P., Engel, B. New control concept for overload minimized traction drives 51783
Beck, J. *see* Wawrzynek, J. 53323
Beck, J.W. Automating hydro: pitfalls and opportunities 29139
Beck, M., Brueckner, W., Haller, T., Paul, S., Povh, B., Simon, A., Trombini, A. Online detection of neutrons with a lead/scintillating fibre calorimeter and a scintillating tile hodoscope 37265
Beck, M., Kern, M., Berger, P., Huegel, H. Influence of the plasma plume on total coupling rate and process stability in deep penetration welding by CO_2 lasers 33768
Beck, M., Waschk, V., Noack, A., Suschke, R. Optical transmission sections in reelable 30 kV conductor cables for conveyor bridge F60 at Nochten open-cast mine 36120
Beck, M.E., Cocivera, M. Reproducibility studies on thin-film copper indium diselenide prepared from copper indium oxide 30857
Beck, M.R., Weldon, R.J. 3-D solder paste inspection for high-yield ball grid array (BGA) assembly 41673
Beck, P. *see* Savadogo, O. 51495
Beck, R.G. *see* Eriksson, M.A. 31948
Beck, S.E., George, M.A., Bohling, D.A., Moniot, D.A., Young, K.M., Badowski, A.A., Robertson, E.A. Chemical vapor cleaning of Si and SiO_2 surfaces 42443
Beck, S.E., George, M.A., Young, K.M., Moniot, D.A., Bohling, D.A., Badowski, A.A., Lane, A.P. Sub-monolayer iron and copper removal by exposure to 1,1,1,5,5,5-hexafluoro-2,4-pentanedione (H^+hfac) 42523
Beck, S.E. *see* George, M.A. 42467
Beck, S.E. *see* Hames, G.A. 22576
Beck, T., Richter, K., Weber, H. Beam addition of Nd:YAG-high-power-lasers 14480
Beck, T. *see* Bostanjoglo, G. 14488
Beck, T.J., Losleben, P., Saraswat, K.C. PIER: an early treatment of inter-process interactions 32528
Beck, W.A., Faska, T.S. Current status of quantum well focal plane arrays 27669
Beck, W.A., Faska, T.S., Little, J.W., Goldberg, A.C., Albritton, J., Sensiper, M. 256×256 focal plane arrays using miniband transport multiple quantum well infrared photodetectors 48660
Beck, W.A. *see* Li, S.S. *(editor)* 30025
Becke, G. The Futurebus+ concept for speeds to 3.2 Gbyte/s 53386
Becker, A.J. *see* Korenivski, V. 7529
Becker, B., Drechsler, R. Exact minimization of Kronecker expressions for symmetric functions 500
Becker, B., Drechsler, R. Decision diagrams in synthesis–algorithms, applications and extensions 52968
Becker, B., Drechsler, R., Enders, R. On the representational power of bit-level and word-level decision diagrams 40812
Becker, B., Drechsler, R., Reddy, S.M. (Quasi-) linear path delay fault tests for adders 53220
Becker, B. *see* Drechsler, R. 11262
Becker, B. *see* Drechsler, R. 24802
Becker, B. *see* Drechsler, R. 41056
Becker, B. *see* Drechsler, R. 52959
Becker, B. *see* Drechsler, R. 53199
Becker, B. *see* Gockel, N. 13069
Becker, B. *see* Gockel, N. 52934
Becker, B. *see* Hengster, H. 40966
Becker, B. *see* Hengster, H. 53131
Becker, C. *see* Hollkott, J. 23415
Becker, D.S. *see* Tong, J.K. 42463
Becker, F.E., Doyle, E.F., Mastronardi, R., Shukla, K., Linder, E.B., Garverick, L.M. Development of a 500 Watt portable thermophotovoltaic power generator 51615
Becker, G. Mass soldering 11869
Becker, G. Mass soldering 41616
Becker, G., Bendotti, P., Gahinet, P., Falinower, C.-M. Analysis and controller synthesis for a pressurized water reactor using linear parameter varying systems 50719
Becker, G., Maurer, M., Woydt, M., Bogdahn, U., Krone, A., Schmitt, K.J. Transcranial color-coded duplex sonography in neurology and neurosurgery 49455
Becker, H., Burns, S.E., Tessler, N., Friend, R.H. Role of optical properties of metallic mirrors in microcavity structures 33271
Becker, H., von Schickfus, M., Hunklinger, S. A new sensor principle based on the reflection of surface acoustic waves 17572
Becker, H. *see* Tessler, N. 33304
Becker, J. *see* Hartenstein, R.W. 41006
Becker, J. *see* Hartenstein, R.W. 52972
Becker, J. *see* Parpal, J.-L. 19343
Becker, J. *see* Parpal, J.-L. 50588
Becker, J. *see* Surkau, R. 37093
Becker, J.P. *see* Mahan, J.E. 22296
Becker, J.P. *see* Vantomme, A. 40553
Becker, K., Resch, U., Rukwied, A., Zweig, B.-W. Life cycle modelling of catenaries [electric railways] 61239
Becker, K. *see* Grunewald, P. 60466
Becker, K. *see* Kurunczi, P. 40633
Becker, K.F. *see* Aschenbrenner, R. 20897
Becker, L. *see* Melton, R.W. 1501
Becker, M. *see* Douillet, P.L. 52425
Becker, M. *see* Kohlenberg, I. 58078
Becker, M. *see* Kohlenberg, J. 46620
Becker, M. *see* Schubert, E. 35148
Becker, P. *see* Martin, J. 27199
Becker, R. *see* Goedert, R. 24219
Becker, R.A. *see* McConaghy, C. 3454

Becker, S., Rohrmann, H., Roell, K., Stobiecki, F. Exchange coupled double layers for magneto-optical applications 43617
Becker, T. *see* Abel, J. 7143
Becker, T.C., Cichon, D.J., Wiesbeck, W. New planning methods for single frequency networks 7033
Becker, T.C., Dottling, M., Wiesbeck, W. Fast determination of channel impulse responses by 3D wave propagation modeling 4250
Becker, T.C., Kuchen, F., Wiesbeck, W. Influence of the BER on the intelligibility of the received DAB signal 7038
Becker, T.L. *see* Thompson, K.C. 20940
Becker, U. *see* Adam, A. 37280
Becker, W., Lohr, A., Long, S., Melver, J.K., Chichkov, B.N., Wellegehausen, B. Intensity dependence of the phase of the field-induced atomic dipole in high-harmonic generation 55903
Becker, W. *see* Katopis, G. 39813
Becker, W.D. *see* Deutsch, A. 43289
Beckermann, B., Labahn, G. Recursiveness in matrix rational interpolation problems 30555
Beckers, D., Schroeder, H., Eppler, I., Schilling, W. Thermal- and electromigration-induced stresses in passivated Al- and AlSiCu-interconnects 42792
Beckers, I. *see* Muller, P. 39032
Beckers, J. *see* Woike, T. 4099
Beckers, L. *see* Brulisauer, S. 13651
Beckers, L. *see* Brulisauer, S. 14335
Beckers, L. *see* Fluck, D. 13671
Beckers, L. *see* Pliska, T. 33058
Beckers, L. *see* Schoning, M.J. 27486
Beckers, P., Zhong, H.G., Andry, P. Visualization of errors of finite element solutions 30668
Beckers, T. *see* Auffray, E. 37281
Beckert, K., Herwig, H. Inclined air to air heat exchangers with heat pipes: comparing experimental data with theoretical results 29884
Beckert, K. *see* Steck, M. 37080
Beckert, K. *see* Stohlker, Th. 7727
Beckett, R. *see* Westlake, B. 28811
Beckham, C. *see* Thompson, A.G. 40329
Beckman, C. *see* Eriksson, J. 34836
Beckman, J.C., Chang, T.H.P., Wagner, A., Pease, R.F.W. Energy spread in liquid metal ion sources at low currents 28013
Beckman, M. *see* Reiley, D.J. 47495
Beckman, M.G. *see* Hinterlong, S.J. 35886
Beckman, M.G. *see* Lentine, A.L. 58290
Beckman-Suurkula, M. *see* Gustavsson, T. 49531
Beckmann, M. *see* Lee, Y. 48170
Beckmann, M. *see* Stenger, J. 36370
Beckmann, P.J., Legge, G.E. Psychophysics of reading. XIV. The page navigation problem in using magnifiers 8157
Beckmann, R. *see* Annen, A. 52769
Becks, K.H., Borghi, P., Brunet, J.M., Caccia, M., Clemens, J.C., Cohen-Solal, M., Courty, B., De Boer, W., Delpierre, P., Drees, J., Gerlach, P., Glitza, K.W., Gregor, I.M., Guglielmi, L., Hartmann, F., Heuser, J.M., Jaeger, J.J., Kaiser, M., Kersten, S., Knoblauch, D., Koepert, A., Leb, H., Ledroit, F., Maehlum, G., Meroni, C., Meyer, S., Moenig, K., Mouthuy, T., Pert, H., Pindo, M., Raymond, M., Redaelli, N., Roos, L., Sauvage, D., Sicho, P., Tristram, G., Turlot, J.P., Uberschar, B., Vegni, G., Vrba, V., Wielers, M. The DELPHI pixels 59228
Beckstead, J.A., Aceto, S., Conerty, M., Nordhauser, S. A high performance data and video recorder with real-time lossless compression 58579
Becla, P. *see* Kutcher, S.W. 2296
Bector, C.R., Chandra, S., Kumar, V. Duality for minmax programming involving nonsmooth V-invex functions 10345
Bedair, S.M. *see* Boutros, K.S. 21273
Bedair, S.M. *see* McIntosh, F.G. 21274
Bedair, S.M. *see* McIntosh, F.G. 52697
Bedair, S.M. *see* Piner, E.L. 10798
Bedair, S.M. *see* Piner, E.L. 40409
Bedair, S.M. *see* Roberts, J.C. 10794
Bedair, S.M. *see* Roberts, J.C. 13680
Beddar, A.S. *see* Das, I.J. 8131
Bedell, B.J., Narayana, P.A., Wolinsky, J.S. A dual approach for minimizing false lesion classifications on magnetic resonance images 28269
Bedeschi, F. *see* Antos, J. 37373
Bedet, J. Off-line measurements on high voltage circuit breakers 60938
Bedford, F. *see* Dicks, G. 42888
Bedford, R.E., Bonnier, G., Maas, H., Pavese, F. Recommended values of temperature on the International Temperature Scale of 1990 for a selected set of secondary reference points 17157
Bedi, R. *see* Sava, H.P. 59430
Bedini, R., Belardinelli, A., Palagi, G., Franchi, D., Ripoli, A., Ceccarelli, R. Dynamic ECG analysis in drivers during a F1 championship 49682
Bednar, J. *see* Spurny, F. 18127
Bednarek, A. *see* Jankowski, J. 28464
Bednarek, B., Jelen, K., Kowalski, T.Z., Ostrwoski, K.W., Rulikovska-Zarebska, E., Sikora, T., Nocun, J., Lorek, A. Application of proportional counters in Polish industry, medicine and agriculture 28018
Bednarek, D. *see* Kezerashvili, M. 37758
Bednarek, D.R. *see* Kezerashvili, M. 59847
Bednarz, E.L. *see* Gerhart, G.R. 8693
Bednarz, J. *see* Mor-Avi, V. 37732
Bednarz, J. *see* Remin Lin 49528
Bednarz, R.J. *see* Scheuer, S. 29078
Bedoya, C.A. Fly-by-wire to fly-by-light issues and solutions 59915
Bedrich, M.R. Implantable patient chip 59370
Bedrich, S., Flechtner, F. PRARE one resp. two years in orbit–performance analysis of the instruments' oscillators onboard ERS-2 and Meteor-3/7 28559
Bedrich, S. *see* Hahn, J. 36931
Bedringas, K.W., Ertesvag, I.S., Byggstoyl, S., Magnussen, B.F. Exergy analysis of solid-oxide fuel-cell (SOFC) systems 38960
Bedriy, R.B. *see* Tchornyj, E.A. 31637
Bedrossian, P.J., Caturla, M.-J., Diaz de la Rubia, T. Damage evolution and surface defect segregation in low-energy ion-implanted silicon 22533
Bedworth, M.D. Markov chain prediction fusion for automatic target recognition 25780
Bedworth, P.V. *see* Perry, J.W. 14408
Bedworth, P.V. *see* Stahelin, M. 14302
Bee, A. In search of speed and bandwidth 16304
Bee, L.F., Schanne, J.J., Jr. Independent operational test & evaluation (IOT&E) in the FAA 59970
Beebe, D.J., Denton, D.D., Radwini, R.G., Webster, J.G. A finger-mounted silicon sensor for providing force feedback information 18210
Beebe, D.J., Frazier, A.B., Gao, R.X. The application of micromanufacturing to biomedical instrumentation 28058
Beebe, S.G. Methodology for layout design and optimization of ESD protection transistors 21672
Beech, R.S. *see* Pohm, A.V. 3257
Beecher, E.A. *see* Anderson, B.L. 45459
Beechick, A., Casselman, S., Yarbrough, L. Internal sorting and FPGA 40999
Beeck, E.Op de *see* Op de Beeck, E.
Beeck, M.-A. *see* Andra, P. 4145
Beeck, M.O.De *see* De Beeck, M.O.
Beeck, M.Op de *see* Op de Beeck, M.
Beegle, R.W. *see* Righter, A.W. 43268
Beehler, M.E. Reliability centered maintenance for transmission systems 50497
Beek, J.C.M.van *see* van Beek, J.C.M.
Beek, M.ter *see* ter Beek, M.
Beek, P.J.L.Van *see* Van Beek, P.J.L.
Beelen, C., Verguld, M. Low-cost flip chip assembly 22082
Beelen, H.P. Federated operations: structuring intercompany operating relationships to meet business needs 35542
Beelen-Hendrikx, C.C.M., Verguld, M.M.F. Feasibility study of solder paste dispensing. Comparison of time-pressure and rotary pump dispensing principles 41660
Beeler, S. *see* Bachmann, K.J. 52693
Beeler, T. *see* Chagnard, C. 7288
Beeman, J.W., Hansen, W.L., Dubon, O.D., Haller, E.E. High performance antimony-doped germanium photoconductors 13842
Beeman, J.W. *see* Itoh, K.M. 1991
Beemster, M., Van Inge, A., Sijstermans, F. Polyphase filtering on the TriMedia core 41243
Beenakker, C.W.J. *see* Misirpashaev, T.S. 56112
Beenen, R.J.G. *see* van Roosmalen, J.A.M. 39028
Beenhakkers, M.J. *see* Peek, H.L. 48684
Beer, J.G.de *see* de Beer, J.G.
Beer, J.M., Garland, R.V. A coal-fueled combustion turbine cogeneration system with topping combustion 50796
Beer, L. *see* Dudek, V. 2668
Beer, R. *see* Worden, H. 60086
Beer, S. Monitoring and optimization of the operation of condenser plants in thermal power stations 9099
Beera, R.A. *see* Brown, W.D. 40530
Beerel, P.A., Cheng-Ta Hsieh, Wadekar, S. Estimation of energy consumption in speed-independent control circuits 21607
Beerel, P.A. *see* Aiguo Xie 53230
Beerel, P.A. *see* Nowick, S.M. 53238
Beerel, P.A. *see* Vakilotojar, V. 40798
Beerel, P.A. *see* Yun, K.Y. 53236
Beernink, K.J. *see* Dragic, P.D. 18943
Beernink, K.J. *see* Roh, S.D. 33535
Beers, A. *see* Chaddha, N. 57261
Beers, A.C., Agrawala, M., Chaddha, N. Rendering from compressed textures 14792
Beers, B.J. *see* Weigel, T. 3527
Beers, J.S. *see* Doiron, T. 27917
Beers, J.von *see* von Beers, J.
Beerwald, M. *see* Gekat, F. 51259
Be'ery, Y. *see* Berger, Y. 24695
Beeson, K.W. *see* Ilic, I. 36105
Beet, S.W. *see* Baghai-Ravary, L. 14907
Beet, S.W. *see* Baghai-Ravary, L. 15585
Beet, S.W. *see* Luettin, J. 5135
Beet, S.W. *see* Luettin, J. 14989
Befomestnykh, S., Flynn, G., Hartung, W., Kirchgessner, J., Moffat, D., Muller, H., Padamsee, H., Pisharody, M., Veshcherevich, V. The interaction between a beam and a superconducting cavity module: Measurements in CESR and CESR-Phase III goals 49247
Begain, K. *see* Pfening, A. 35403
Begbie, M.L. *see* Burns, D.C. 33155
Beggs, C.B. A method for estimating the time-of-day carbon dioxide emissions per kWh of delivered electrical energy in England and Wales 50676
Beghdad, R., Bascou, J.J. Improving mobility management in an indoor hybrid network 57860
Beghdad, R., Val, T., Mercier, J.-J. Characterization of two wireless media for an hybrid in-house LAN applied to a home building system 57891
Beghdadi, A. *see* Belkacem-Boussaid, K. 56995
Begis, Yu.K., Babadzhanov, L.S. Coulometric thickness gauges and metrological assurance [for electroplating plants] 20980
Begley, D.L. Relay mirror experiment 6793
Begley, D.L., Casey, W., Kahn, M.L., Marshalek, R.G., Korevaar, E.J., Paul, D.K., Freidell, J.E., Mecherle, G., Bloom, S.H. Proposed near-term, 1 Gbps space Laser Communications Demonstration System 6781
Begley, D.L. *see* Ebben, T.H. 6786
Bego, U. *see* Tonkovic, S. 37795
Bego, V., Butorac, J., Hrsan, D. Calibration of the standard resistors by means of the standard capacitors and precise digital voltmeters 27286
Bego, V. *see* Butorac, J. 17716
Begovic, M. *see* Ropp, M.E. 51606
Begraev, N.T., Onopko, D.E., Ryskin, A.I., Karpov, Yu.A. Deep erbium centers in silicon. II. Experiment 12629
Begue, A., Myneni, R. Operational relationships between NOAA-Advanced Very High Resolution Radiometer vegetation indices and daily fraction of absorbed photosynthetically active radiation, established for Sahelian vegetation canopies 18945
Beguenane, R., Benbouzid, M.E.H., Capolino, G.A., Ghyselen, C., Schoorens, H. Design of slip frequency detector with improvement accuracy for induction motor rotor parameters updating 60737
Beguenane, R. *see* Benbouzid, M.E.H. 9211
Begueret, J.-B., Benbrahim, M.R., Zhiqun Li, Rodes, F., Dom, J.-P. Converters dedicated to long-term monitoring of strain gauge transducers 49785
Begueret, J.B. *see* Maidon, Y. 43255
Begueret, J.B. *see* Tomas, J. 9893
Beguin, A. *see* Camy, P. 26837
Beguin, D. *see* Dubost, G. 4383
Beh, C.-Y., Chong, T.-C., Kumagai, H., Hirano, M. Top seeded solution growth of Rb-doped $KNbO_3$ single crystals 30727
Beha, T. *see* Combs, H.G. 36347
Behanna, C. *see* Greenberg, M.J. 57735
Behar, D., Cheung, J., Kurz, L. Contrast techniques for line detection in a correlated noise environment 57176
Behari, S. *see* Sugimoto, Y. 59202
Behbahani, A.R.S., Asjadi, H. Blind equalization based on third-order cumulant for 4-level and 8-level PAM 45504
Behbahani, F., Fotowat-Ahmady, A., Navid, S., Gaethke, R., Delurio, M. A low distortion bipolar mixer for low voltage direct up-conversion and high IF frequency systems 21542
Behbahani, F., Fotowat-Ahmady, A., Navid, S., Gaethke, R., Delurio, M. An adjustable bipolar quadrature LO generator with an improved divide-by-2 stage 21778
Behbehani, M.K. *see* McIntosh, F.G. 52697
Behbehani, M.K. *see* Piner, E.L. 40409
Behelm, G. *see* Tabib-Azar, M. 54858
Behet, M., Schneider, P., Moulin, D., Heime, K., Woitok, J., Tuemmler, J., Hermans, J., Geurts, J. Low pressure metalorganic vapor phase epitaxy and characterization of (Al,Ga)Sb/GaSb heterostructures 10690
Behet, M. *see* Tuemmler, J. 52668
Behet, M. *see* von Eichel-Streiber, C. 54357
Behforooz, G.H. The use of spline-on-spline for the approximation of Cauchy principal value integrals 30624
Behjat, A., Lin, J., Tallents, G.J., Demir, A., Kurkcuoglu, M., Lewis, C.L.S., MacPhee, A.G., McCabe, S.P., Warwick, P.J., Neely, D., Wolfrum, E., Healy, S.B., Pert, G.J. The effects of multi-pulse irradiation on X-ray laser media 23738
Behle, M., Schulz, K., Leiner, W., Fiebig, M. Color-based image processing to measure local temperature distributions by wide-band liquid crystal thermography 27961
Behler, K. *see* Seidel, B. 20274
Behling, C. *see* Luklum, R. 48933
Behm, C.J. *see* Mastrangelo, J.F. 26480
Behm, R.J. *see* Pitter, M. 22424
Behnia, M. *see* Copeland, D. 280
Behnia, M. *see* Mizunuma, H. 283
Behr, D., Locher, R., Wagner, J., Koidl, P., Richter, V., Kalish, R. Epitaxial overgrowth of ^{13}C diamond films on diamond substrates predamaged by ion implantation 30751
Behr, G. *see* Heinrich, A. 31906
Behr, N. *see* Bossert, V.P. 60272
Behr, S. *see* Podlesak, T.F. 45000
Behre, C.P. *see* Axelrad, P. 28499
Behrenbeck, T. *see* Belohlavek, M. 18217
Behrend, J., Wassermeier, M., Ploog, K.H. Virtual-surfactant mediated epitaxy of InAs on GaAs(001) studied by scanning tunneling microscopy 803
Behrendt, J. *see* Fields, D.E. 59301
Behrendt, K. *see* Zipp, J. 28937
Behrens, D., Barke, E., Tolkiehn, R. Design driven partitioning 41072
Behrens, D., Harbich, K., Barke, E. Hierarchical partitioning 11116

Behrens, F.H., Finco, S., Guilherme, J., Castro Simas, M.I. A 2 A/25 V monolithic switching cell for smart power application 40909
Behrens, F.H. *see* Sanchez, J.-L. 40895
Behrens, V., Honig, Th., Kraus, A., Michal, R., Minkenberg, N. Performance of different types of silver/tin oxide in regard to applications in automotive relays 11825
Behres, A., Werner, H., Kohl, A., Heime, K. InP growth on ion-implanted InP substrate: a new method to achieve selective area MOVPE 52648
Behres, A. *see* Lakner, H. 52661
Behringer, M.H. TEN-34 and JAMES: technical plans 16242
Behringer, M.H. *see* Bakker, S. 6249
Behringer, R.E., Timp, G., Natarajan, V. Using a standing wave atom optical lens for nanometer scale lithography 54556
Behringer, R.E. *see* Miller, B.I. 55629
Behringer, R.E. *see* Young, M.G. 26833
Bei, W. *see* Yang, D. 13296
Bei Jiang *see* Mingxi Wan 36982
Bei Liu *see* Liu Bei
Beibei Cheng *see* Cheng Beibei
Beier, B., Woll, D., Scheidt, M., Boller, K.-J., Wallenstein, R. High-power second-harmonic generation of the output from an AlGaAs diode oscillator-amplifier system in critically phase-matched LBO and BBO 33661
Beier, B. *see* Scheidt, M. 24121
Beierke, S. A chip-solution for DSP motor control. Motor controls with the specially adapted Texas Instruments analogue/digital TMS320F240 38935
Beiersdorfer, S., Schmitt, J., Sauer, M., Schulz, A., Siebert, S., Hesser, J., Manner, R., Wolfrum, J. Finding the conformation of organic molecules with genetic algorithms 10398
Beifuss, K. *see* Schneider, D. 2110
Beigang, R. *see* Henrich, B. 23869
Beige, H. *see* Blochwitz, S. 13256
Beige, H. *see* Diestelhorst, M. 43491
Beigelman, C. *see* Lucidarme, O. 37641
Beigle, S. Alternate metal finishes for wire bond and soldering applications [PCBs] 1804
Beigle, S. Non-precious metal coatings for fine pitch assembly and direct chip attachment 22039
Beijun Zhao *see* Zhao Beijun
Beikai Zeng *see* Zeng Beikai
Beiko, I.V. Functions for determining the value of information in constructive theory of optimal aggregated models 30524
Beil, W. *see* Rohr, K. 15994
Beilei Bian *see* Bian Beilei
Beilenhoff, K. *see* Riipuld, J. 49569
Beilin, S. *see* Peters, M. 309
Beilin, S. *see* Peters, M. 1740
Beilin, S. *see* Peters, N. 53847
Beiling Shao *see* Shao Beiling
Beilis, I., Djakov, B.E., Juttner, B., Pursch, H. Structure and dynamics of high-current arc cathode spots in vacuum 41767
Beilis, I. *see* Keidar, M. 22125
Beilis, I.I. State of the theory of cathode spot phenomena in vacuum arcs 22129
Beim, R.S. *see* Gerikh, V.P. 8736
Beim, R.S. *see* Stroev, V.A. 60260
Bein, G. *see* Brummerhof, A. 49681
Beirne, G. *see* Cooperstock, J.R. 47248
Beiser, L., Veligdan, J. Ten inch planar optic display 17625
Beissler, G., Neisius, H.-T., Schellstede, G., Slutsker, I., Mirheydar, M. State estimation as a SCADA function 19144
Beiter, K.A. *see* Busick, D.R. 156
Beites, L.F. *see* Mayordomo, J.G. 38228
Beitia, A.O., Haller, J.O., Kantor, A. CT findings in pediatric gastrointestinal ascariasis 37698
Beitz, A. *see* Raskutti, B. 16398
Beitz, A. *see* Vogel, A. 6160
Beiu, V., Taylor, J.G. On the circuit complexity of sigmoid feedforward neural networks 1655
Beiu, V., Taylor, J.G. VLSI optimal neural network learning algorithm 32483
Bejan, A. Constructal-theory network of conducting paths for cooling a heat generating volume 10112
Bejan, A., Dan, N. Maximum work from an electric battery model 38940
Bejjani, E., Belfiore, J.-C. Multicarrier coherent communications for the underwater acoustic channel 48036
Bek, V. Capacity efficiency increase by introducing traffic management in telecommunication network 5984
Bek-Uzarov, D. *see* Kostic, D. 8517
Bekakos, M.P., Efremides, O.B. A class of systolic tridiagonal linear solvers 1283
Bekakos, M.P., Kouniakis, C.T. A new main diagonal redirection systolic tridiagonal linear system solver 22908
Beker, B., Cokkinides, G., Templeton, A. Electrical performance of integrated decoupling capacitor arrays 41548
Beker, B. *see* Cokkinides, G. 56071
Beker, B. *see* Cokkinides, G.J. 52247
Beker, B. *see* Jatkar, D.D. 1560
Beker, U.G., Cergel, A., Recepoglu, O. Removal of boron from geothermal power plant wastewater in Kizildere, Turkey 29130
Beketov, G.V., Belyaev, A.E., Vitusevich, S.A., Kavertsev, S.V., Komirenko, S.M. Transport phenomena in n-$Mn_xHg_{1-x}Te/Cd_{0.96}Zn_{0.04}Te$ epitaxial films 54059
Bekhti, M. Design of a microstrip technology low-pass filter 53397
Bekin, N.A. *see* Aleshkin, V.Ya. 2192
Bekin, N.A. *see* Aleshkin, V.Ya. 42142
Bekker, J. The harmonic integration of large non-linear loads into power systems 19211
Bekkers, C., Jackson, B.C. System of compatible products for assured performance in PWB assembly 11960
Bekki, K., Yamamoto, T., Sawa, K. Breaking arc in dielectric liquids 11798
Bekooij, J. *see* Huish, P. 26389
Bekrenev, A.N., Igoshin, V.I., Letfullin, R.R., Melikhov, K.G. Degradation of the disperse component of the active medium of a pulsed chemical HF laser 55490
Beksac, M.S. *see* Baykal, N. 18209
Bekut, D.D., Svenda, G. Power system equivalent for distribution fault analysis 60364
Bela, M.da Cunha *see* da Cunha Bela, M.
Belady, C.L. Design considerations for air cooling electronic systems in high altitude conditions 10146
Belaid, A. *see* Ben Amara, N. 5370
Belal, A. *see* El-Mongy, A.A. 31839
Belanger, L. *see* Audet, J. 20909
Belanger, M.J. *see* Dobrzeniecki, A.B. 8012
Belanger, N. *see* Pare, C. 47932
Belanger, P.-A. *see* Pare, C. 47932
Belanger, P.R. *see* Benameur, K. 46195
Belanger, S.P. Multisensor TDOA estimation in a multipath propagation environment using the EM algorithm 15183
Belanger, S.P. An EM algorithm for multisensor TDOA/DD estimation in a multipath propagation environment 25200
Belani, E., Arsham, A.M., Mittal, R. A general reconfiguration technique for fault tolerant processor architectures 53317
Belanov, A.S., Nekrasova, L.M., Polukhin, A.T. Relativistic Doppler method for calculation of the nonreciprocity of optical circuits with a refractive index varying arbitrarily over length 58770
Belarageb, C. *see* Baaliouamer, M. 37366
Belardinelli, A. *see* Bedini, R. 49682
Belay, K.B., Llewellyn, D.J., Ridgway, M.C. Solid-phase epitaxial growth of amorphized GaAs: the influence of microscopic and macroscopic non-stoichiometry 52681
Belay, K.B., Ridgway, M.C., Llewellyn, D.J. Characterization of the solid-phase epitaxial growth of amorphized GaAs with in-situ electron microscopy 21308
Belblidia, L.A. *see* Ebeling-Koning, D.B. 38528
Belcastro, C.M. A low-cost comprehensive process for assessing electromagnetic environment (EME) effects on flight-critical control computers 49919
Belchenko, Y. *see* Jacquot, C. 37177
Belcher, D.P., Baker, C.J. High resolution processing of hybrid strip-map/spotlight mode SAR 16880
Belcher, E.O. Application of thin, acoustic lenses in a 32-beam, dual-frequency, diver-held sonar 48146
Belcher, J. *see* Owen, R. 17368
Belcher, M. Tracking unresolved targets in theater ballistic missile defense 50267
Bel'dyugin, I.M., Zolotarev, M.V., Shinkareva, I.V. Statistical analysis of phase locking of optically coupled lasers with external injection of low-noise radiation 44327
Belec, M. *see* Hudon, C. 50892
Belekhov, V.V. *see* Kolesnikov, A.N. 34984
Belendez, A. *see* Carretero, L. 33764
Belenguer, T. *see* Cheben, P. 14447
Belenki, G.S. *see* Barinov, N.U. 29386
Belenky, A.S. A 2-person game on a polyhedral set of connected strategies 40015
Belenky, G.L., Reynolds, C.L., Jr., Kazarinov, R.F., Swaminathan, V., Luryi, S., Lopata, J. Effect of p-doping profile on performance of strained multi-quantum-well InGaAsP-InP lasers: experiment and modeling 55605
Belenov, A.T. Application of solar batteries in the sprinkling machine control system 29645
Belenov, E.M., Isakov, V.A., Kanavin, A.P., Smetanin, I.V. High order harmonic generation in Raman-active media in strong laser fields 14294
Beleslin, M. *see* Zafirovic-Vukotic, M. 19208
Belevtsev, A.A. Ionization efficiency coefficient and breakdown curves in liquid dielectrics 23119
Belevtsev, A.A. *see* Nur, M. 23156
Beley, V.S. *see* Hysell, D.L. 58449
Beley, V.S. *see* Yampolski, Y.M. 56053
Belfiore, J.-C. *see* Bejjani, E. 48036
Belfiore, J.C. *see* Giraud, X. 56256
Belfore, L.A., II, Arkadan, A.-R.A. Modeling faulted switched reluctance motors using evolutionary neural networks 50950
Belforte, G., Raparelli, T., Viktorov, V., Eula, G., Ivanov, A. Frequency transfer function of an opto-pneumatic detector 27508
Belgacem, S. *see* Meherzi-Maghraoui, H. 30867
Belgassem, F.H. *see* Dziech, A. 39985
Belhadj, C., Mohamedi, R., Lefebvre, S., Xuan-Dai Do An integrated power system global controller using expert system 19127
Belhadj, Z., El Assad, S., Saillard, J. Polarimetric observation of forest cover in radar remote sensing 27063
Belhadj-Tahar, N., Meyer, O., Fourrier-Lamer, A. Broad-band microwave characterization of bilayered materials using a coaxial discontinuity with applications for thin conductive films for microelectronics and material in air-tight cell 48851
Belhaire, E. *see* Prevost, D. 3671
Belhaouane, A., Savaria, Y., Kaminska, B., Massicotte, D. Reconstruction method for jitter tolerant data acquisition-system 27421
Belhe, U., Kusiak, A. Dynamic scheduling of design activities with resource constraints 10016
Belhumeur, P.N. A Bayesian approach to binocular stereopsis 25542
Belhumeur, P.N. *see* Papademetris, X. 56783
Beliaev, A.G. *see* Mazurenko, Y.T. 4086
Beliakov, N. *see* Nikulin, A. 55098
Beliakova, E.I. *see* Grekhov, I.V. 2295
Belian, R.D. *see* Meier, M.M. 28610
Belichenko, P.V., Fedorov, A.A., Dahlstrom, A.B. Quantitative analysis of immunofluorescence and lipofuscin distribution in human cortical areas by dual-channel confocal laser scanning microscopy 28246
Belichenko, V. *see* Andreev, J. 45362
Belichenko, Y.V. *see* Drobakhin, O.O. 24554
Belikov, A.V., Erofeev, A.V., Sinel'nik, Yu.A., Sudenkov, Yu.V. Some aspects of recording an acoustic wave in a liquid by a fiber-mounted piezoelectric transducer 60107
Belikov, A.V., Erofeev, A.V., Skripnik, A.V., Sinel'nik, Yu.A., Sudenkov, Yu.V. A new fiber acoustic laser-energy detector 58781
Belikov, S., Hur, D., Friedland, B., Ravindra, N.M. Estimation of emissivity of a wafer in an RTP chamber by a dynamic observer 22500
Belikov, S.V., White, S., Gutnikov, Yu.E., Denisov, A.G., D'yachkov, A.I., Zharkov, V.V., Kistenev, E.P., Kochetkov, V.I., Makeev, A.V., Makeev, V.V., Mel'nikov, E.A., Usachev, A.P. Characteristics of wavelength-shifting fibers for the electromagnetic calorimeter of the PHENIX system 28029
Belikova, T.B. *see* Perner, P. 18306
Belina, J.C. *see* Kostis, W.J. 59647
Beling, C.D. *see* Luo, Y.L. 42248
Beling, C.D. *see* Reddy, C.V. 2032
Beling, C.D. *see* Reddy, C.V. 7522
Beling, G. *see* Storz, W. 46792
Belisle, F.C. Computer aided flexible circuit assembly design 1770
Beliveau, A. *see* Theriault, S. 58806
Beljaev, O. *see* Polley, R. 28438
Beljaev, V.V. *see* Bochkov, V.D. 24377
Beljakovic, G. *see* Brugger, J. 43400
Beljakovic, G. *see* Despont, M. 32320
Belk, J.G., Sudijono, J.L., Holmes, D.M., McConville, C.F., Jones, T.S., Joyce, B.A. Spatial distribution of In during the initial stages of growth of InAs on GaAs(001)-c(4×4) 815
Belk, J.G., Sudijono, J.L., Zhang, X.M., Neave, J.H., Jones, T.S., Joyce, B.A. Surface contrast in two dimensionally nucleated misfit dislocations in InAs/GaAs(110) heteroepitaxy 21300
Belk, J.G. *see* Joyce, B.A. 764
Belk, J.G. *see* Yamaguchi, H. 52703
Belkacem-Boussaid, K., Beghdadi, A., Depoisot, H. Edge detection using Holladay's principle 56995
Belkebir, K., Kleinman, R.E., Pichot, C. Microwave imaging–Location and shape reconstruction from multifrequency scattering data 58963
Belkerdid, N.A. *see* Andersen, B.D. 13398
Belkin, A.M. *see* Bagayev, S.N. 27375
Belkin, V.A. *see* Tsvetkov, Yu.P. 38069
Bell, A.E. Phase retrieval using the wavelet transform 15393
Bell, A.J. *see* Makeig, S. 59631
Bell, B. *see* Oldham, N. 27492
Bell, B.K. *see* Collett, W.L. 50776
Bell, D. *see* Xiao-an Wang 47682
Bell, D.A. *see* Stine, B.E. 43216
Bell, E.W. *see* Weiss, M.A. 26798
Bell, F.H., Joubert, O. Polysilicon gate etching in high density plasmas. IV. Comparison of photoresist and oxide masked polysilicon etching-thickness determination of gate oxide layers using X-ray photoelectron spectroscopy 22560
Bell, F.H., Joubert, O. Polysilicon gate etching in high density plasmas V: Comparison between quantitative chemical analysis of photoresist and oxide masked polysilicon gates etched in $HBr/Cl_2/O_2$ plasmas 42578
Bell, F.H., Joubert, O. Polysilicon gate etching in high density plasmas. III. X-ray photoelectron spectroscopy investigation of sidewall passivation of silicon trenches using an oxide hard mask 54391
Bell, F.W. *see* Drafts, B. 36494
Bell, G.D. *see* Krishnan, S. 18234
Bell, G.R., McConville, C.F. Atomic hydrogen cleaning of GaSb(001) surfaces 2345
Bell, H.C. L-resonator bandstop filters 21873

Bell, I.M., Spinks, S.J., Machado da Silva, J. Supply current test of analogue and mixed signal circuits 11609
Bell, I.M. *see* da Silva, J.M. 21822
Bell, J.D. A simple caching file system for application serving 16324
Bell, J.H., McLachlan, B.G. Image registration for pressure-sensitive paint applications 27975
Bell, J.M. *see* MacFarlane, D.R. 23586
Bell, J.N.B. *see* Collins, C.D. 8516
Bell, K.L., Ephraim, Y., Van Trees, H.L. Explicit Ziv-Zakai lower bound for bearing estimation 4642
Bell, K.L., Ephraim, Y., van Trees, H.L. Robust adaptive beamforming under uncertainty in source direction-of-arrival 4682
Bell, K.L., Ephraim, Y., Van Trees, H.L. Explicit Ziv-Zakai lower bound for bearing estimation 25030
Bell, K.L., Steinberg, Y., Ephraim, Y., Van Trees, H.L. Extended Ziv-Zakai lower bound for vector parameter estimation 34857
Bell, K.W. *see* Alexeev, G. 59200
Bell, M.R. *see* Guey, J.-C. 56549
Bell, P.A. *see* Pruchnic, S.J., Jr. 17536
Bell, P.M. *see* Barty, C.P.J. 7933
Bell, P.M. *see* Wijnands, F. 56063
Bell, P.R.F. *see* Smith, J.L. 28090
Bell, S., Sung, J. Will your motor insulation survive a new adjustable frequency drive? 51650
Bell, S.C., McArthur, S.D.J., McDonald, J.R., Burt, G.M., Mather, R., Burt, S.M. Protection performance monitoring of a transmission network 50491
Bell, S.C. *see* McArthur, S.D.J. 8952
Bell, T.E. The Beckman Institute for Advanced Science and Technology 114
Bell, T.E., Gennissen, P.T.J., DeMunter, D., Kuhl, M. Porous silicon as a sacrificial material 23032
Bell, T.E., Riezenman, M.J. Communications [technology analysis and forecast] 26170
Bell, T.F. *see* Carpenter, D.L. 45140
Bell, W.B., Devarajan, V. Image correlation under full-perspective distortion 5210
Bell, W.J. *see* Biblarz, O. 39380
Bella, E.V.R.Di *see* Di Bella, E.V.R.
Bellaachia, A., Youssef, A. Personalized broadcasting in banyan-hypercube networks 46646
Bellabchara, A. *see* Ribayrol, A. 22367
Bellaiche, J. *see* Frijlink, P.M. 43133
Bellaiche, L. *see* Besson, J.M. 22248
Bellaire, G., Schluns, K. 3-D object recognition by matching the total view information 5125
Bellan, D., Brandolini, A., Di Renzo, L., Gandelli, A. ADC testing techniques based on quantization theory 11524
Bellan, D., Brandolini, A., Di Renzo, L., Gandelli, A. Deterministic quantization theory applied to ADC testing 53377
Bellanca, G., Semprini, R., Bassi, P. FDTD modelling of spatial soliton propagation 55822
Bellanger, M. *see* Ouaissa, K. 24853
Bellanger, M.G. Improved design of long FIR filters using the frequency masking technique 15277
Bellanger, M.G. *see* Resende, L.S. 15409
Bellani, V. *see* Sochinskii, N.V. 40389
Bellantoni, J.E. *see* Gambhir, B.L. 6954
Bellaouar, A. *see* Itoh, K. 1401
Bellar, M.D. *see* Wu, T.S. 38826
Bellare, M., Canetti, R., Krawczyk, H. Pseudorandom functions revisited: the cascade construction and its concrete security 4518
Bellare, M., Coppersmith, D., Hastad, J., Kiwi, M., Sudan, M. Linearity testing in characteristic two 24618
Bellare, M., Goldreich, O., Goldwasser, S. Incremental cryptography and application to virus protection 34540
Bellare, M., Rogaway, P. Provably secure session key distribution–the three party case 34541
Bellare, M. *see* Aiello, W. 34493
Bellarmine, G.T., Arokiaswamy, N.S.S. Power conservation by utilities and consumers 28761
Bellato, M., Dainelli, A., Poggi, M. Design and tests for the fast Faraday cup of the ALPI post-accelerator 49141
Bellato, M. *see* Dainelli, A. 49138
Bellato, M. *see* Lombardi, A. 37117
Bellavia, S., Gasparo, M.G., Macconi, M. Partially updated switching-method for systems of nonlinear equations 10491
Bellazzini, R., Angelini, F., Bozzo, M., Brez; A., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M.A. The micro-gap chamber: new developments 37434
Bellazzini, R. *see* Angelini, F. 37362
Bellefon, A.de *see* de Bellefon, A.
Bellegarda, J.R., Butzberger, J.W., Yen-Lu Chow, Coccaro, N.B., Naik, D. A novel word clustering algorithm based on latent semantic analysis 14890
Bellemain, P., Lebedeff, D., Mathieu, P., Barlaud, M., Lambert-Nebout, C. Raw SAR data compression 16934
Bellemann, M.E. *see* Schmidlin, P. 49524
Bellemore, D.G. *see* Davis, M.A. 17441
Bellemore, D.G. *see* Davis, M.A. 17451
Bellemore, D.G. *see* Jones, R.T. 17407
Bellemore, D.G. *see* Jones, R.T. 48576
Bellemore, D.G. *see* Kersey, A.D. 36614
Bellen, A., Vermiglio, R. Some applications of continuous Runge-Kutta methods 10528
Beller, L.Le *see* Le Beller, L.
Bellermann, J., Klein, M., Stoll, L. Cable TV the multimedia messenger?–advances in cable television network clear the way for multimedia services 17069
Bellettre, J., Sartre, V., Biais, F., Lallemand, A. Transient state study of electric motor heating and phase change solid-liquid cooling 19703
Belleudy, C. *see* Freund, L. 1326
Belleville, M. *see* Delorme, N. 42647
Belleville, M. *see* Delorme, N. 54512
Bellhouse, G., Whittington, H.W. Fuel purchase for mixed fuel generators 19448
Bellia, G., Cosentino, L., Finocchiaro, P., Loukachine, K. Performance of hybrid photodiodes with scintillator crystals 37463
Bellia, L., Cesarano, A., Minichiello, F., Sibilio, S. A software tool for user-friendly interface with PC Superlite 2.0 [daylighting analysis] 20213
Bellingham, J.G. *see* Deffenbaugh, M. 48159
Bellingham, J.G. *see* Deffenbaugh, M. 48160
Bellingham, J.G. *see* Kim, J.H. 50107
Bellingham, J.G. *see* Schmidt, H. 50156
Bellingham, J.G. *see* Singh, H. 48157
Bellingham, J.G. *see* Willcox, J.S. 50146
Bellini, A. *see* Leone, A. 57424
Bellini, M. *see* de Lisio, C. 55898
Bellini, V. *see* Berg, M. 37259
Bellis, M. Vector signal analysis aids test of DSP-based wireless designs 58156
Belliss, S. *see* Pairman, D. 8330
Bellman, R., Raj, R. A tungsten filament high temperature heater for thin film deposition 715
Bello, C.Di *see* Di Bello, C.
Bello, F., Kitney, R.I. Co-occurrence-based texture analysis using irregular tessellations 5567
Bello, F., Kitney, R.I. A hierarchical region-based approach to the segmentation of magnetic resonance images of the brain 28279
Bello, L.Lo *see* Lo Bello, L.
Bello, M. *see* Balzaretti, S. 25975
Bellomo, G. *see* Calabretta, L. 49145
Bellomo, G. *see* Pagani, C. 37113
Bellomo, J.P., Lebey, T., Oraison, J.M., Peltier, F. Electrical aging of stator insulation of low voltage rotating machines supplied by inverters 9171
Bellomo, J.P., Lebey, T., Oraison, J.M., Peltier, F. Influence of rise time on the dielectric behavior of stator insulation materials 43537
Bellomonte, L. Simulation of the oscillatory potentials of the electroretinogram 59626
Bellon, P.L., Lanzavecchia, S. Fast direct Fourier methods, based on one- and two-pass coordinate transformations, yield accurate reconstructions of X-ray CT clinical images 49522
Bellone, S., Persiano, G.V., Strollo, A.G.M., Daliento, S. A new method for the measurement of the conductivity mobility as a function of injection level in silicon regions 41878
Bellone, S. *see* Persiano, G.V. 58975
Bellosta, M.-J., Nicolas, B., Lecorgne, G., Valduriez, P. Extending an ODBMS to support ISO network management 5934
Bellotti, R., Boezio, M., Castellano, M., De Marzo, C., Picozza, P., Prigiobbe, V., Sparvoli, R., Tirocchi, M. Cosmic ray antiproton/electron discrimination capability of the CAPRICE silicon-tungsten calorimeter using neural networks 37270
Belloul, M.B., Hauchecorne, A. Effect of periodic horizontal gradients on the retrieval of atmospheric profiles from occultation measurements 56047
Belluomini, W., Myers, C.J. Efficient timing analysis algorithms for timed state space exploration 53232
Belluomo, P. *see* Russo, G.V. 18137
Bellur, K. *see* Sun, J. 22979
Bellutti, P., Gottardi, M., Sartori, A., Dalla Betta, G.E., Soncini, G. Integrated optical sensors in CCD/CMOS technology 58850
Bellwied, R., Beuttenmuller, R., Chen, W., DiMassimo, D., Dou, L., Dyke, H., French, A., Hall, J.R., Hoffman, G.W., Humanic, T., Kotova, A.I., Kotov, I.V., Kraner, H.W., Li, Z., Liaw, C.J., Lynn, D., Ray, L., Rykov, V.L., Pandey, S.U., Pruneau, C., Schambach, J., Sedlmeir, J., Sugarbaker, E., Takahashi, J., Wilson, W.K. Double particle resolution in STAR silicon drift detectors 59284
Bellwied, R. *see* Pandey, S.U. 37293
Belmans, R. *see* De Weerdt, R. 50995
Belmans, R. *see* De Weerdt, R. 60750
Belmans, R. *see* Malfait, A. 61175
Belmans, R. *see* Mertens, R. 53712
Belmans, R. *see* Nertens, R. 50989
Belmans, R. *see* Van Haute, S. 61126
Belmiro, T.R., Gardiner, P.D., Simmons, J.E.L. Corporate communications: a restructuring issue 39672
Belmont, M.R., Chadband, R.G. Generalised frequency response methods for time varying dielectrics and interfaces 23109
Belmont, M.R., May, E.J.P., Horwood, M.K. Generalised frequency response applied to dielectrics 43420
Belmonte, A., Comeron, A., Bara, J., Rubio, J.A., Fernandez, E., Menendez-Valdes, P. Performance of a multiple aperture optical system 6803
Belmonte, A.M., Comeron, A., Bara, J., Rubio, J.A. Averaging of collected-power fluctuations by a multiaperture receiver system 6864
Belogorokhov, A.I., Belogorokhova, L.I., Danilin, A.B., Liberant, L.N. Low-dimensional inhomogeneity of lattice of $Cd_xHg_{1-x}Te$ narrow-gap semiconductors 54068
Belogorokhov, I., Karavanskii, V.A., Danilin, A.B., Belogorokhova, L.I. Optical, properties of photoluminescent porous gallium phosphide 44221
Belogorokhova, L.I. *see* Belogorokhov, A.I. 54068
Belogorokhova, L.I. *see* Belogorokhov, I. 44221
Belogurov, S.G. *see* Akimov, D.Yu. 37245
Belohlavek, M., Manduca, A., Behrenbeck, T., Seward, J.B., Greenleaf, J.F. Image analysis using modified self-organizing maps: automated delineation of the left ventricular cavity boundary in serial echocardiograms 18217
Belomestnykh, S. *see* Hartung, W. 49248
Belongie, S. *see* Malik, J. 57316
Belosevac, R.B. *see* Zlatanovic, M.D. 10874
Beloshitsky, P. TBA and DBA magnet lattices for a tau-charm factory 37042
Belouchiani, A. *see* Abed-Meraim, K. 24614
Belouchrani, A., Abed-Meraim, K., Cardoso, J.-F., Moulines, E. A blind source separation technique using second-order statistics 34788
Belouchrani, A., Amin, M.G. A new approach for blind source separation using time-frequency distributions 24892
Belouchrani, A., Cichocki, A., Meraim, K.A. A blind identification and separation technique via multi-layer neural networks 34746
Belous, M.V., Genkin, A.M., Genkina, V.K., Guseva, O.A. Breakdown electroluminescence spectra of silicon carbide p-n junctions 42068
Belous, M.V., Genkin, A.M., Genkina, V.K., Stankevich, S.A. Influence of prolonged operation at the maximum current load on the characteristics of silicon carbide light-emitting diodes operating in an electrical breakdown regime 55443
Belous, O.L., Pisun, A.I., Kirilenko, A.A., Korneenkov, V.K., Miroshnichenko, V.S. Research on orotron oscillator with dispersive open resonant system 53995
Belous, R.I., Makeev, Yu.G., Motornenko, A.P. Dielectric parameters measurement with waveguide-dielectric resonator 58973
Belous, V.A. *see* Aksenov, I.I. 23220
Belousenko, A.P. *see* Nikolaev, Yu.V. 19976
Belousenko, A.P. *see* Nikolaev, Yu.V. 19977
Beloushkin, A.A., Ignatyev, A.S., Karuzskii, A.L., Murzin, V.N., Perestoronin, A.V., Tskhovrebov, A.M. Microstrip stabilized semiconductor asymmetrical quantum well structure generator for millimeter and submillimeter wavelength range 41471
Belousov, E.G. *see* Andronov, V.G. 52523
Belousov, G.V. *see* Aristov, P.A. 17276
Belousov, I., Rudenko, E., Linzen, S., Seidel, P. Cobalt disilicide buffer layer for YBCO film on silicon 43739
Belousov, P.Ya., Dubnishchev, Yu.N., Meledin, V.G., Bakakin, G.V. Optical method for measuring the size of objects of complex shape 7582
Belousov, R.B. *see* Povalyaev, A.A. 38039
Belousov, S. *see* Ilieva, K. 50718
Belousov, V.I., Ofitserov, M.M., Plakhotnik, V.Yu., Rodin, Yu.V. Calorimeter for measuring the total energy of high-power pulse millimeter-range devices 17273
Belousov, Ye.V., Vorobjov, G.S., Korzh, V.G., Lisenko, A.N., Pushkaryov, K.A. Installation for investigation of electron beams of vacuum electronic devices of millimeter-wave band 53992
Belov, A.A. *see* Krumins, A. 43501
Belov, A.N., Dolotov, S.A., Zyablov, A.B., Kaevitser, V.I., Sknarya, A.V. A system for digital processing of bathymetric information in side-looking sonars with a complex sounding signal 18870
Belov, A.S., Esin, S.K., Netchaeva, L.P., Plokhinski, Yu.V., Vasil'ev, G.A., Klenov, V.S., Turbabin, A.V., Yakushev, V.P., Dudnikov, V.G. High intensity source of polarized negative hydrogen ions with resonant charge-exchange plasma ionizer 37190
Belov, A.V. *see* Dianov, E.M. 44375
Belov, B.V. AC motors for controllable machine-tool drives 61370
Belov, P.V., Lebedev, O.P. A cavity for the second harmonic of accelerating-field frequency in the IHEP synchrotron 17965
Belov, S., Fujii, N. Symmetry method and sufficient condition of optimality in a class of domain optimization problems 40088
Belov, S.D., Bredikhin, S.V., Kovalyov, S.P., Kulagin, S.A., Musher, S.L., Nikultzev, V.S., Scherbakova, N.G., Shabalnikov, I.V., Shokin, Yu.I. Siberia: Internet is coming 16246
Belov, S.P. *see* Petkie, D.T. 48372
Belov, S.V., Veksler, M.I., Grekhov, I.V., Shulekin, A.F. Suppression of emitter current crowding in Auger transistors 12889
Belov, S.V. *see* Matveev, V.V. 9510
Belova, N.G. *see* Karas', V.I. 27996
Belozerov, Ye.V. *see* Gabay, A.M. 43629
Belsky, A.N. *see* Auffray, E. 37281
Belsky, V. *see* Fish, J. 40231
Belsley, M. *see* Pereira, F. 24168
Beltram, F. *see* Pellegrini, V. 2577
Beltrame, F. *see* DiSomma, C. 37848
Beltrame, F. *see* Raposio, E. 37847
Beltramin, A. *see* Dainelli, A. 49138

Beltramin, A. *see* Palmieri, V. 49140
Beltran, M.R. *see* Zaitsev, E.F. 45464
Belu-Marian, A. *see* Ciurea, M.L. 41877
Belugin, V.M. *see* Batskikh, G.I. 7697
Belugin, V.M. *see* Murin, B.P. 49190
Belyaev, A.A., Voronova, I.M., Zhevlakov, A.P., Karel'skii, V.G., Maksimov, Yu.P. Optical materials for lasers in the mid-IR range 23439
Belyaev, A.E., Vitusevich, S.A., Glavin, B.A., Konakova, R.V., Dobrowolski, W., Makosa, A., Kravchenko, L.N., Gornev, E.S. Tunnel current features caused by defect assisted process in resonant-tunnelling structures 12877
Belyaev, A.E. *see* Beketov, G.V. 54059
Belyaev, A.E. *see* Figielski, T. 12414
Belyaev, A.E. *see* Figlelski, T. 43161
Belyaev, A.E. *see* Kavertsev, S.V. 52605
Belyaev, A.G., Bogdanov, V.I., Spiro, A.G. Four-photon scattering and nonlinear susceptibility of semiconductor nanocrystals 24137
Belyaev, A.G. *see* Lang, V. 46502
Belyaev, A.G. *see* Mazurenko, Yu.T. 4117
Belyaev, A.P., Rubets, V.P., Kalinkin, I.P. Formation of order in a system of localized charges in disordered layers of solid solutions of cadmium telluride and cadmium sulfide 41922
Belyaev, A.P., Rubets, V.P., Kalinkin, I.P. Initial stages in the formation of epitaxial films of II-VI compounds on a muscovite mica substrate under highly nonequilibrium conditions 52616
Belyaev, I. *see* Balagura, V. 37222
Belyaev, I.M. *see* Akimov, V.A. 28024
Belyaev, L.S., Filippov, S.P. A study of long-term trends in the world power industry development 50677
Belyaev, S.I. *see* Antipov, O.L. 33685
Belyaev, V.N. *see* Ando, A. 7771
Belyaev, Yu.E. *see* Buinovskii, A.S. 3242
Belyaeva, I.V., Golant, E.I., Pashkovskii, A.B. Resonant interaction of electrons with a high frequency electric field in two-barrier structures 42140
Belyaeva, L.M. *see* Lobachenko, M.B. 49386
Belyaeva, T.L. *see* Serkin, V.N. 33622
Belyakov, A. *see* Poltanov, A. 33876
Belyakov, A.A., Mal'tsev, A.A., Medvedev, S.Yu., Cherepennikov, V.V. Experimental study of an adaptive active suppression system with additional identification channel 15262
Belyakov, A.V. *see* Rudakov, T.N. 58626
Belyakov, L.V., Zakharova, I.B., Zubkova, T.I., Musikhin, S.F., Rykov, S.A. Study of PbTe photodiodes on a buffer sublayer of porous silicon 44242
Belyakov, V. *see* Kazdobin, K. 9505
Belyakov, V.A. *see* Chernov, V.M. 54896
Belyakov, V.S. *see* Titov, A.I. 54332
Belyakov, V.V. *see* Pershenkov, V.S. 22471
Belyakov, V.V. *see* Shvetzov-Shilovsky, I.N. 22997
Belyakova, E.I. *see* Grekhov, I.V. 22324
Belyakova, E.N. *see* Argunova, T.S. 12792
Belyantsev, A.M., Romanova, Yu.Yu. Quasiballistic model of current transport and formation of the S-type current-voltage characteristic in the lightly doped, double-barrier heterostructure $Al_xGa_{1-x}As$-GaAs-AlAs 42085
Belyavtsev, V.B., Volkov, V.M. Effective reflection factor of waveguide transmitted power converter 27876
Belyi, P.N. Maximum-speed DC disk electric motors 20104
Belyi, V.N., Kazak, N.S., Pavlenko, V.K., Khilo, N.A., Khatkevich, A.G. Diffractionless light beams in linear and nonlinear optics 33613
Belykh, T.A. *see* Gizhevskii, B.A. 32153
Belytschko, T., Krongauz, Y., Fleming, M., Organ, D., Wing Kam Snm Liu Smoothing and accelerated computations in the element free Galerkin method 540
Belzile, J., Gagnon, F. Decision feedback equalization and channel coding for multilevel modulation 16544
Bemage, P. *see* Poignant, H. 43979
Bemelmans, T., van Genuchten, M., Heemstra, F., Vogel, D. Electronic meeting systems 26268
Bement, A.L., Jr. *see* Rao, A.V. 11779
Beming, P. *see* Turina, D. 47723
Bemporad, E. *see* Battistoni, C. 7472
Bemporad, E. *see* Battistoni, C. 58899
Ben Abdallah, N., Degond, P., Markowich, P.A. On a one-dimensional Schrodinger-Poisson scattering model 54566
Ben Ali Kamoun, M. *see* Chtourou, M. 29304
Ben Amar, G. *see* Horowitz, A. 10660
Ben Amara, N., Belaid, A. Printed PAW recognition based on planar hidden Markov models 5370
Ben Ammar, F., Godfroid, H., Lebrun, J.C., Schwedt, J. AC motor drive system for cold strip mill 51885
Ben Chen *see* Ferguson, F. 53089
Ben Dhaou Imed *see* Imed Ben Dhaou
Ben Hadj-Alouane, A., Bean, J.C. A genetic algorithm for the multiple-choice integer program 52512
Ben Hmida, F., Olive, J.-M., Bertrand, J.-C. Statistical assessment of fault indicator signals for on-line detection and location 56495
Ben Lo Shih-Chung *see* Shih-Chung Ben Lo
Ben Nongqi *see* Zhang Xiaoyou 50317
Ben Romdhane, Y. *see* Berkouk, M. 51358
Ben Wang *see* Shuqun Shen 44816
Ben Younes, K. *see* Girod, B. 5145
Ben-Amar Baranga, A. *see* Kalisky, Y. 14267
Ben-Amar Baranga, A. *see* Shimony, Y. 3736
Ben-Arie, J., Wang, Z., Rao, R. Iconic recognition with affine-invariant spectral signatures 5137
Ben-Arie, J., Zhiqian Wang, Rao, K.R. Affine invariant shape representation and recognition using Gaussian kernels and multi-dimensional indexing 25760
Ben-Arie, J. *see* Nandy, D. 25410
Ben-Arie, J. *see* Wang, Z. 5345
Ben-Arie, J. *see* Zhiqian Wang 5487
Ben-Arie, J. *see* Zhiqian Wang 15161
Ben-Bassat, M. *see* Schreiber, I. 46321
Ben-David, R. *see* Abe, K. 37234
Ben-Ezra, B. Direct imaging comes of age [PCB lithography] 53793
Ben-Haim, S. *see* Harel, T. 49673
Ben-Hamida, N., Ayari, B., Kaminska, B. Testing of embedded A/D converters in mixed-signal circuit 1516
Ben-Jacob, E. *see* Hermon, Z. 23406
Ben-Jacob, E. *see* Kaplan, L. 41991
Ben-Michael, R. *see* Koren, U. 44483
Ben-Tal, A., Tind, J. Duality with multiple criteria and multiple resources 10270
Ben-Yaakov, S. The advantages of planar magnets 29369
Ben-Yaakov, S., Ivensky, G., Levitin, O., Treiner, A. Optimization of the auxiliary switch components in ZVS PWM converters 51131
Ben-Yaarov, S. *see* Ivensky, G. 31079
Ben-Yosef, N. *see* Gertsenshteyn, M. 48673
Ben-Yu Guo *see* Guo Ben-Yu
Ben-Yuan Gu *see* Bi-Zhen Dong 12838
Ben-Zvi, I. *see* Liu, Y. 36998
Benabbas, T. *see* Androussi, Y. 40413
Benabdallah, A., Caputo, J.G., Scott, A.C. Exponentially tapered Josephson flux-flow oscillator 23413
Benabes, P., Gauthier, A., Kielbasa, R. A multistage closed-loop sigma-delta modulator (MSCL) 31339
Benabes, Ph., Gauthier, A., Kielbasa, R. Integrated circuits made by Supelec students for the celebration of the school centennial 9892
Benacka, S. *see* Pivarc, J. 43810
Benacka, S. *see* Spankova, M. 40368
Benacka, S. *see* Strbik, V. 43809
Benacka, S. *see* Strbik, V. 43823
Benaissa, M. *see* Fenn, S.T.J. 41025
Benali, A., Balme, L., Vaucher, C. Bare board test: From image processing to automatic test data generation 1790
Benali, A. *see* Vaucher, C.L. 1828
Benali, H. *see* Guillemet, H. 28061
Benalloul, P. *see* Ronot-Limousin, I. 44229
Benamar, A. *see* Guelou, Y. 16611
Benamar, A. *see* Scalart, P. 26640
Benamara, M., Rocher, A., Sopena, P., Claverie, A., Laporte, A., Sarrabayrouse, G., Lescouzeres, L., Peyre-Lavigne, A. Structural and electrical investigations of silicon wafer bonding interfaces 32105
Benameur, K., Belanger, P.R. Optical parameters variations in an active visual estimator 46195
Benanav, D. *see* Alesi, C. 26056
Benanav, D. *see* Alesi, C. 46818
Benaroya, H. Waves in periodic structures with imperfections 10552
Benassayag, G. *see* Pepin, A. 10845
Benassi, A. *see* Ferdeghini, E.M. 49479
Benatsou, M., Bouazaoui, M. Fluorescence properties of sol-gel derived Er^{3+}:SiO_2–GeO_2 planar waveguides 55240
Benbassat, G. *see* Hedayat, C.D. 40961
Benbouzid, M.E.H., Beguenane, R., Capolino, G.A. Single-phase capacitor motor efficiency improvement by means of voltage control 9211
Benbouzid, M.E.H., Capolino, G.A. A project-oriented power engineering laboratory 9856
Benbouzid, M.E.H. *see* Beguenane, R. 60737
Benbrahim, M.R. *see* Begueret, J.-B. 49785
Benc, R. *see* Kolcun, M. 60275
Benchaib, A., Tadjine, M., Rachid, A. On DSP-based real time control of an induction motor using sliding mode 38746
Benchaita, L., Saadate, S. Current harmonic filtering of non-conventional non-linear load by current source active filter 9391
Benchiboun, M.D. Extension of Henrici's method to matrix sequences 586
Benchimol, J.L., Alexandre, F., Lamare, B., Legay, P. Benefits of chemical beam epitaxy for micro and optoelectronic applications 40373
Benchowski, J. *see* Lewis, A. 55869
Bencivenni, G. *see* Andryakov, A. 37226
Benda, B. *see* Ball, J. 18071
Benda, O., Bydzovsky, J. Problems in modeling reversible processes in soft magnetic materials 23317
Benda, O. *see* Enokizono, M. 43610
Benda, S. Calculation of overvoltages and interference voltages 8734
Benda, V., Dufay, L., Ferlin, G., Lebrun, P., Rieubland, J.-M., Riddone, G., Szeless, B., Tavian, L., Williams, L. Measurement and analysis of thermal performance of LHC prototype cryostats 49014
Benda, V., Fucikova, J. Some aspects of laboratory exercises on semiconductor device fabrication technology 9910
Bendali, F., Quilliot, A. Representation of interval ordered families and applications 52500
Bendels, E. Fantastic FLASH [memory] 41182
Bender, D.K., Ferreira, A.M. Higher density using diffusion patterned vias and fine line printing 53885
Bender, H. *see* de Boeck, J. 30825
Bender, H. *see* Jin, S. 40398
Bender, H. *see* Schmidt, H.F. 42477
Bender, H. *see* Vantomme, A. 30744
Bender, H. *see* Wu, M.F. 42693
Bender, H.A. *see* Klosner, M.A. 22143
Bender, M., Hudson, D., Kane, J., McDonough, J. 10 multifunction telephony boards 6348
Bender, M. *see* Kleyner, A. 52151
Bender, S., Budde, W., Bunk, G., Kokozinski, R. BiCMOS circuits for radio-frequency and baseband signal processing 2851
Bender, S.C. *see* Byrd, D.A. 17177
Bender, W., Gruhl, D., Morimoto, N., Lu, A. Techniques for data hiding 14790
Bender, W. *see* Gruhl, D. 25160
Bender, W. *see* Massey, M. 15450
Benders, J. *see* Pentjuss, E. 3309
Bendett, A.A., Rauhala, U.A., Pearson, J.J. Automated building extraction using dense elevation matrices 57374
Bendiab, F. *see* Bauville, G. 28952
Bendikov, A. *see* Anastassiou, G.A. 10288
Bending, S.J. *see* Nash, G.R. 2157
Bendix, P. *see* Chen, J.C. 43242
Bendjima, B., Srairi, K., Feliachi, M. A coupling model for analysing dynamical behaviours of an electromagnetic forming system 44883
Bendjima, B. *see* Srairi, K. 51050
Bendjoya, P. *see* Bury, P. 37542
Bendl, J., Schreier, L. Reduction of the pulsations of the torque and revolutions at the asynchronous motor fed from PWM frequency converters 60733
Bendotti, P., Beck, C. LFT model reduction and controller synthesis for a pressurized water reactor 50711
Bendotti, P. *see* Becker, G. 50719
Bendotti, P. *see* Kothare, M.V. 50725
Bendriem, B. *see* Pentlow, K.S. 7909
Bendriem, B. *see* Vera, P. 37674
Bendsoe, M.P. *see* Hammer, V.B. 40678
Bendtsen, C. On the construction of stiffly accurate and b-stable Runge-Kutta methods 10514
Bendtsen, C. On implicit Runge-Kutta methods with high stage order 40216
Bendzsak, G.J. An algorithm for solution of the inverse electromagnetic liquid metal confinement problem 24384
Bene, R.Del *see* Del Bene, R.
Benech, P. *see* Corrao, N. 9916
Benech, P. *see* Kherrat, R. 48705
Benech, P. *see* Lang, T. 17332
Benech, P. *see* Ngalamou, L. 48808
Benecke, C. *see* Schmitt, K. 33641
Benecke, W. *see* Bauer, D. 36731
Benecke, W. *see* Noetzel, J. 13168
Benecke, W. *see* Schulze, S. 23046
Benecke, W. *see* Schulze, S. 23065
Benecke, W. *see* Schulze, S. 23066
Benedek, G., Boscolo, I., Handerek, J., Riege, H. Electron emission from ferroelectric/antiferroelectric cathodes excited by short high-voltage pulses 31684
Benedek, Z. *see* Szekely, V. 36375
Benedetti, A., Guglielmi, N. Tracing characteristics of smooth nonlinear resistive circuits by interval analysis 1113
Benedetti, M.M. *see* Vespasiani, G. 18180
Benedetto, F.Di *see* Di Benedetto, F.
Benedetto, M.-G.Di *see* Di Benedetto, M.-G.
Benedetto, S., Divsalar, D., Montorsi, G., Pollara, F. Soft-output decoding algorithms for continuous decoding of parallel concatenated convolutional codes 4467
Benedetto, S., Divsalar, D., Montorsi, G., Pollara, F. Parallel concatenated trellis coded modulation 4474
Benedetto, S., Divsalar, D., Montorsi, G., Pollara, F. A soft-input soft-output APP module for iterative decoding of concatenated codes 24682
Benedicenti, L. *see* Marchesi, M. 4591
Benedikt, S. Decision-making in the case of unreliable information 52443
Benediktsson, J.A., Sveinsson, J.R., Ersoy, O.K., Swain, P.H. Parallel consensual neural networks 15963
Benediktsson, J.A., Sveinsson, J.R., Swain, P.H. Hybrid consensus theoretic classification 8333
Benedito, J.R.Magdalena *see* Magdalena Benedito, J.R.
Benedix, A. *see* Esfahani, F. 11248
Beneke, J.J.P. Evaluation of prediction using fuzzy systems [telecommunication traffic prediction] 57554
Beneking, C. *see* Winz, K. 39152
Benelli, G. *see* Andreadis, A. 15604
Benelli, G. *see* Andreadis, A. 16949
Benest, I. The specification and presentation of on-line lectures 39622
Benesty, J. *see* Amand, F. 15014
Benfedda, M. *see* Castagne, M. 17327

Benfer, E., Fritsch, B. Topographic mapping of huge areas with airborne interferometric data 16961
Benford, D.J. *see* Hunter, T.R. 17397
Benford, D.J. *see* Ning Wang 17015
Benford, G. *see* Benford, J. 1924
Benford, G. *see* Zhai Xiaoling 22184
Benford, J., Benford, G. Pulse shortening in high power microwave sources 1924
Benford, S. *see* Lee, O.-K. 6162
Benfu Lu *see* Lu Benfu
Beng Chin Ooi *see* Jun Cai 57862
Beng Lim Thiam *see* Lim Thiam Beng
Bengio, S., Bengio, Y. An EM algorithm for asynchronous input/output hidden Markov models 21059
Bengio, Y. *see* Bengio, S. 21059
Bengtson, R.D. *see* Santoso, S. 34799
Bengtsson, J., Griffioen, W.O.D., Kristoffersen, K.J., Larsen, K.G., Larsson, F., Pettersson, P., Wang, Y. Verification of an audio protocol with bus collision using UPPAAL 5857
Bengtsson, J. *see* Ghisoni, M. 44778
Bengtsson, J. *see* Li, M. 44766
Bengtsson, L. *see* Gorbunov, M.E. 38063
Bengtsson, M. *see* Ovegard, A. 59787
Bengtsson, S., Ljungberg, K., Vedde, J. The influence of wafer dimensions on the contact wave velocity in silicon wafer bonding 12707
Bengtsson, S. *see* Ericsson, P. 12766
Benguang Gu *see* Gu Benguang
Bengulescu, M. *see* Mandache, C. 48319
Benhabib, B. *see* Rooks, S. 39883
Benhabiles, B., Lacour, P., Pellet, M., Pichot, C., Papiernik, A. A study of VLF antennas immersed in sea water: theoretical, numerical, and experimental results 4379
Benhamida, F., Sante, J.-F. The capacity enhancement of the DCS network by the use of switch-beam antennas 47675
Benhammou, Y. *see* Alexeev, G. 59200
Benhammou, Y. *see* Auffray, E. 37281
Benhenda, S. *see* Jemaa, N.B. 11820
Benidir, M. Characterization of polynomial functions and application to time-frequency analysis 56574
Benidir, M. *see* Barret, M. 41339
Benidir, M. *see* Marcos, S. 15329
Benie, G.B. *see* Foucher, S. 58424
Benie, G.B. *see* Wang, S. 57529
Bening, V.E. On asymptotic efficiency of some adaptive tests in the one-sample problem 52403
Benini, L., De Micheli, G. Transformation and synthesis of FSMs for low-power gated-clock implementation 21605
Benini, L., Vuillod, P., De Micheli, G., Coelho, C. Synthesis of low-power selectively-clocked systems from high-level specification 1324
Benini, L. *see* Bogliolo, A. 13125
Benini, L. *see* Favalli, M. 21444
Benini, L. *see* Vuillod, P. 11324
Benis, R., Stipetic, H., Bujanovic, I. Network configuration processes – dynamic approach in NeOS'V2 networks 47035
Benis, R. *see* Stipetic, H. 35514
Benistant, F., Tedesco, S., Guegan, G., Martin, F., Heitzmann, M., Dal'zotto, B. A heavy ion implanted pocket 0.10 μm n-type metal-oxide-semiconductor field effect transistor with hybrid lithography (electron-beam/deep ultraviolet) and specific gate passivation process 22839
Benites, G.M. *see* Rubiolo, G.H. 31027
Benitez, H. Routes to EMC compliance: a manufacturer has choices 45212
Benitez, J.-M. *see* Aka, G. 14037
Benitez, J.M. *see* Aka, G. 14409
Benitez, M.A., Fonseca, L., Esteve, J., Benrakkad, M.S., Morante, J.R., Samitier, J., Schweitz, J.A. Stress-profile characterization and test-structure analysis of single and double ion-implanted LPCVD polycrystalline silicon [micromachined accelerometers] 13174
Benitez-Diaz, D. Modular architecture for custom-built systems oriented to real-time computer vision: application to color recognition 35275
Benito, C.De *see* De Benito, C.
Benitz, G.R. *see* Novak, L.M. 6942
Benjamin, D. *see* Allison, W.W.M. 37269
Benjamin, D. *see* Antos, J. 37373
Benjamin, M.C., Bremser, M.D., Weeks, T.W., King, S.W., Davis, R.F., Nemanich, R.J. UV photoemission study of heteroepitaxial AlGaN films grown on 6H-SiC 780
Benjamin, M.C. *see* King, S.W. 12781
Benjamin, R. Near-field spot-focused microwave sensing for the detection of buried land-mines 8612
Benjamin, R. Synthetic, post-reception focusing in near-field radar 8613
Benjamin, R. Wire-core tree technique for accurate three-dimensional modelling of arterial trees 18324
Benjamin, R., Matalas, I. Extraction and use of X-ray specific density following object-based three-dimensional reconstruction 18321
Benjamin, R., Prakoonwit, S., Matalas, I., Kitney, R.I. Object-based three-dimensional X-ray imaging 18322
Benjamin, S.D., Li Quan, Ehrlich, J.E., Smith, P.W.E., Robinson, B.J., Thompson, D.A. Picosecond carrier lifetime in InGaAsP grown by He plasma-assisted molecular beam epitaxy 769
Benjamin, S.D., Smith, P.W.E. Tailoring of low-temperature-grown gallium arsenide for all-optical device applications 55917
Benjamin, S.D. *see* Chen, L.R. 58388
Benjamin, S.D. *see* Qian, L. 23445
Benjaminsen, J.T., Faremo, H., Mikkelsen, N.P., Olsen, J.A., Olsson, L. Evaluation of MV-XLPE cables 19339
Benjauthrit, B., Coady, L., Trcka, M. An overview of error control codes for data storage 4470
Benkais, M. *see* Dallet, D. 1539
Benkais, M. *see* Dallet, D. 1540
Benkais, M. *see* Dallet, D. 1541
Benke, H.-W. *see* Berndt, D. 19136
Benken, C.J.Von *see* Von Benken, C.J.
Benkeser, P.J. *see* Jackson, J.R. 28125
Benklevskaya, I.P. *see* Pashagin, A.I. 52882
Benklyan, S.E. *see* Korolev, I.I. 29081
Benko, H. *see* Bajd, T. 49757
Benko, M.F. *see* Kucerovsky, Z. 32596
Benko, M.F. *see* Kucerovsky, Z. 32645
Benkoe, N. *see* Kubinyi, M. 44170
Benmohamed, L., Chang, K.K., Matragi, W., Samadi, B. Design issues of an ATM-based wide area network 26195
Benmohamed, L. *see* Hernandez-Valencia, E.J. 35563
Benmouyal, G., Chano, S. Characterization of phase and amplitude comparators in UHS directional relays 60437
Bennacef, S.K. *see* Lamel, L.F. 45681
Bennaceur, R. *see* Bessais, B. 12207
Bennani, Y., Bossaert, F. Predictive neural networks for traffic disturbance detection in the telephone network 57763
Bennati, M.L. Local wellposedness of constrained problems 10347
Benndorf, G. *see* Gottschalch, V. 52641
Benndorf, G. *see* Kirpal, G. 40342
Bennemann, K.H. *see* Kasparian, J. 55890
Benner, J.P. *see* Deb, S.K. 39114
Benner, S.M., Martins, M.S. Development of a heat-driven pulse pump for spacecraft applications 28485
Bennett, A. *see* Booth, C. 50455
Bennett, A.A., Leonard, J.J. Autonomous mapping with an AUV: an approach for ground truthing of remote sensing data 50157
Bennett, A.C., Hodgson, J.E., Dunn, R.W., Bradley, M.E. Dynamic on line state estimation [of power systems] 19192
Bennett, B.L. *see* Cooke, D.W. 13612
Bennett, B.R. *see* Magno, R. 42892
Bennett, C.H., DiVincenzo, D.P., Smolin, J.A. Capacities of quantum erasure channels 56231
Bennett, C.H., DiVincenzo, D.P., Smolin, J.A., Wootters, W.K. Mixed-state entanglement and quantum error correction 14854
Bennett, C.H., Mor, T., Smolin, J.A. Parity bit in quantum cryptography 14769
Bennett, C.R. *see* Zakhleniuk, N.A. 32014
Bennett, C.W. *see* Keys, D.J. 18681
Bennett, D.A. *see* So, E. 27309
Bennett, D.J., DeMuth, B.T., Pines, B.E. Refining MCM thermal simulation models with test vehicles 1882
Bennett, F.H., III. *see* Koza, J.R. 52957
Bennett, F.H., III *see* Koza, J.R. 52978
Bennett, F.H., III. *see* Koza, J.R. 53394
Bennett, G. The ATM path to quality of service 47179
Bennett, G. DSPs advance low-cost control 61213
Bennett, G. *see* Noblett, P. 55871
Bennett, G.L., Skrabek, E.A. Power performance of US space radioisotope thermoelectric generators 38020
Bennett, G.L. *see* Ewbank, M.D. 55849
Bennett, H. Astarte's Toast CD-ROM Pro 3.0 17124
Bennett, H. Discs by the dozens: high-end CD duplication systems 48257
Bennett, H.S. Majority and minority mobilities in heavily doped gallium aluminum arsenide for device simulations 12250
Bennett, J.A. *see* Jinbo Kuang 19407
Bennett, J.A. *see* Norman, R.J. 56049
Bennett, J.C. *see* Morrison, K. 8407
Bennett, J.C. *see* Robinson, A.J. 45472
Bennett, J.C. *see* Robinson, A.J. 45473
Bennett, J.M. Characterization of laser optics 55758
Bennett, J.M., Namba, Y., Guerra, J.M., Jahanmir, J., Balter, T.L., Podlesny, J.C. Topographic measurements of precision-ground optical glasses 55161
Bennett, J.W. *see* Solin, S.A. 27441
Bennett, K.D., Batroney, C.B. Laser crosshair projection technique for interstory drift measurement 30996
Bennett, K.D., Spero, P.J. Temperature sensor based on light reflection from a glass/liquid boundary 36503
Bennett, L. *see* Mazarakis, M.G. 17897
Bennett, L. *see* Mazarakis, M.G. 37078
Bennett, L. *see* Mazarakis, M.G. 37152
Bennett, M. *see* Carlson, D.E. 39124
Bennett, M. *see* Chen, L. 39150
Bennett, M. *see* Hennessey, K. 13059
Bennett, M.V., Matthews, I. A life saving uncooled IR camera for use in firefighting applications 36568
Bennett, P. Productivity in the field of testing 6761
Bennett, P. *see* Newel, T.C. 1114
Bennett, P. *see* Shah, K.S. 37339
Bennett, P. *see* Shah, K.S. 37556
Bennett, P. *see* Shah, K.S. 59360
Bennett, P.C., Darley, V., Abbott, S.M. The effects of harmonic distortion on equipments 60834
Bennett, P.C.E., Steinhardt, A.O. On the use of non-causal filters for wideband adaptive sensor array processing 25036
Bennett, P.J., Bungay, A.R., Malinowski, A., Popov, S.V., Shatwell, I.R., Zheludev, N.I. Application of nonlinearities of metals in ultrashort pulse measurements 17828
Bennett, P.J., Dhanjal, S., Svirko, Yu.P., Zheludev, N.I. Nonreciprocity of natural rotatory power 32972
Bennett, R. *see* Fargues, M.P. 6994
Bennett, R. *see* Uysal, M. 47217
Bennett, R.G.T. *see* Baggaley, J.W. 48201
Bennett, R.J. *see* Arnold, W.A. 41945
Bennett, S., Emge, S.R., Dyott, R.B. Fibre-optic gyros for robotics 27638
Bennett, S., Snowden, C.M., Iezekiel, S. Nonlinear dynamics in directly modulated multiple quantum well laser diodes 55665
Bennett, S. *see* Emge, S. 27614
Bennett, S. *see* Emge, S. 58786
Bennett, S. *see* Rotenberg, E. 21714
Bennett, S.M., Patton, R.J., Daley, S., Newton, D.A. Torque and flux estimation for a rail traction system in the presence of intermittent sensor faults 51795
Bennett, S.M., Patton, R.J., Daley, S., Newton, D.A. Model based intermittent fault tolerance in an induction motor drive 61264
Bennett, T. *see* Brown, B. 7208
Bennett, T. *see* Davis, D. 7202
Bennett, T. *see* Dowling, J. 6032
Bennett, T. *see* Ghuman, P. 8290
Bennett, T. *see* Mirchandani, C. 6043
Bennett, T.E. *see* Lawrence, C.M. 1013
Bennett, T.E. *see* Lawrence, C.M. 48619
Bennett, W.S. The electromagnetic radiation of small circuits and small loop antennas 45208
Bennetts, B. *see* Konemann, B. 2755
Benneyan, J.C., Kaminsky, F.C. Statistical and economic models for analysis and optimal design of laboratory screening policies for cervical cancer 7859
Benni, P.B., Bo Chen, Amory, D., Li, J.K.-J. Near-infrared spectroscopy (NIRS) monitoring of brain oxygenation during cardiopulmonary bypass 59432
Benninger, F. *see* Hoffmann, K. 59697
Benninghoven, A. *see* Schnieders, A. 54440
Bennion, I. *see* Brady, G.P. 27596
Bennion, I. *see* Brady, G.P. 36601
Bennion, I. *see* Fallon, R.W. 58785
Bennion, I. *see* Molony, A. 13576
Bennion, I. *see* Pattison, D.A. 14011
Bennion, I. *see* Rae, S. 13599
Bennion, I. *see* Rao, Y.J. 17417
Bennion, I. *see* Rao, Y.J. 48571
Bennion, I. *see* Sugden, K. 55190
Bennion, I. *see* Sugden, K. 55191
Bennion, I. *see* Webb, D.J. 37700
Bennion, I. *see* Yun-Jiang Rao 58818
Bennionb, I. *see* Liu, X. 44777
Benno, S.A., Moura, J.M.F. On translation invariant subspaces and critically sampled wavelet transforms 45863
Benno, S.A. *see* Chuang He 24953
Bennour, I.E., Aboulhamid, E.M. Register allocation using circular FIFOs 11051
Bennour, I.E., Albouhamid, E.M. Lower bounds on the iteration time and the initiation interval of functional pipelining and loop folding 1028
Bennour, I.E., Langevin, M., Aboulhamid, E.M. Performance analysis for hardware/software co-synthesis 11079
Benois-Pineau, J., Khenchaf, A., Barba, D. Coding of structure in the region-based coder as a problem of optimization on graphs 5430
Benois-Pineau, J. *see* Saflekos, A. 15623
Benois-Pineau, J. *see* Saflekos, A. 56880
Benoit, C. *see* Trinh, N.G. 23247
Benoit, C. *see* Vincent, C. 9310
Benoit, C. *see* Vincent, C. 23246
Benoit, E. *see* Mauris, G. 7118
Benoit, J. *see* Boettle, D. 26456
Benoit, J. *see* Masetti, F. 26444
Benoit, J. *see* Read, D. 1860
Benoit, J. *see* Ronot-Limousin, I. 44229
Benoit, R.T. *see* Beauchamp, P.M. 36693
Benoit, S.M., Ferrie, F.P. Monocular optical flow for real-time vision systems 5310
Benory, E. *see* Weiss, E. 10653
Benosman, R., Maniere, T., Devars, J. Real time omni-directional stereovision and planes detection 4983
Benosman, R. *see* Guetari, S. 56897
Benqing Gao *see* Gao Benqing
Benrakkad, M.S., Lopez-Villegas, J.M., Morante, J.R., Offenberg, M. Influence of the technological parameters on the mechanical properties of thick

epipolysilicon layers for micromechanical sensors 12201
Benrakkad, M.S. *see* Benitez, M.A. 13174
Benredjem, D., Calisti, A., Stamm, R., Sureaut, A., Talin, B., Moller, C. Influence of line overlapping and dynamical Stark broadening on calculated gains in soft-X-ray lasers 13913
Benromdhane, S., Salam, F.M.A. Convergence to satisfactory minima of the extended Kalman filter algorithm for supervised learning 4898
Bensaada, A. *see* Singh, A. 2227
Bensaada, A. *see* Yip, R.Y.-F. 33115
Bensadoun, M. *see* Torres, S. 36292
Bensadoun, Y., Novakov, E., Raoof, K. Multidimensional adaptive method for cancelling EMG signal from the ECG signal 59652
Bensaou, B. *see* Chan, K.T. 46696
Bensaou, B. *see* Tsang, D.H.K. 16071
Bensaoula, A. *see* Medelci, N. 12338
Bensaoula, A.H. *see* Rossignol, V. 10719
Bensaoula, B. *see* Montandon, S. 42378
Bensberg, G. *see* Mills, G.S. 35831
Bensberg, G. *see* Mills, G.S. 58530
Bensen, D. *see* Gall, K. 28475
Benslimane, A. On the use of reachability graph for protocols analysis 46733
Benslimane, R., Botte-Lecocq, C., Postaire, J.-G. A watershed algorithm for cluster analysis by mode detection 57151
Benson, C.S. *see* Hall, D.K. 18892
Benson, D. *see* Huey, K. 8253
Benson, D.C. *see* Gilbert, B.K. 31657
Benson, E., Fortin, E., Mysyrowicz, A. Anomalous exciton transport in Cu_2O: excitonic superfluidity or phonon-wind effect? 22267
Benson, E.C. *see* Rokni, S.H. 8216
Benson, H.P., Sayin, S. Towards finding global representations of the efficient set in multiple objective mathematical programming 21094
Benson, J.D., Cornfeld, A.B., Martinka, M., Singley, K.M., Derzko, Z., Shorten, P.J., Dinan, J.H., Boyd, P.R., Wolfgram, F.C., Johs, B., He, P., Woollam, J.A. In-situ spectroscopic ellipsometry of HgCdTe 710
Benson, J.D., Dinan, J.H., Waterman, J., Summers, C.J., Benz, R.D., Wagner, B.K., Pearson, S.D., Parikh, A., Jensen, J.J., Wu, O.K., Rajavel, R.D., Kamath, G.S., Harris, K.A., Jost, S.R., Arias, J.M., Kozlowski, L.J., Zandian, M., Bajaj, J., Vural, K., DeWames, R.E., Cockrum, C.A., Venzor, G.M., Johnson, S.M., Shih, H.D., Bevan, M.J., Dodge, J.A., Simmons, A. MBE flexible manufacturing for HgCdTe focal plane arrays 21287
Benson, J.D. *see* Dinan, J.H. 36671
Benson, R.C. *see* Miragliotta, J. 21385
Benson, R.F. *see* Greenwald, R.A. 38062
Benson, S. *see* Asgarpoor, S. 28803
Benson, S. *see* Kehne, D. 18015
Benson, S.J. *see* Asgarpoor, S. 60462
Benson, S.V., Dutta, J.M., Jones, C.R., Kosai, H., Swartz, J. Coherent transition radiation produced by a 1.2-MeV electron beam 18075
Benson, T.M. *see* Anada, T. 23560
Benson, T.M. *see* Arrand, H. 33092
Benson, T.M. *see* Duffy, A.P. 1693
Benson, T.M. *see* Reed, M. 3403
Benson, T.M. *see* Sewell, P. 24526
Benson, T.M. *see* Sewell, P. 44312
Benson, T.M. *see* Sewell, P. 55233
Benson, T.M. *see* Trenkic, V. 14658
Benson, T.M. *see* Trenkic, V. 14659
Benson, T.M. *see* Trenkic, V. 24508
Benson, T.M. *see* Trenkic, V. 45271
Bensoussan, A. *see* Barillot, C. 41476
Benstetter, G. Experimental observations of steady anodic vacuum arcs with thermionic cathodes 12075
Benstetter, G. *see* Gobel, H. 11445
Bent, B.R. *see* Voccio, J.P. 60721
Bentao Wei *see* Wei Bentao
Bente, E.A.,J.M. *see* Boon-Engering , J.M. 44639
Benten, M.S.T. *see* Sait, S.M. 1044
Benten, M.S.T. *see* Zhuang, N. 499
Bentivegna, F., Canva, M., Brun, A., Chaput, F., Boilot, J.-P., Zins, D. Optically controlled birefringence in silica gel matrices doped by magnetic particles 24188
Bentley, B. Basics of rechargeable battery management 29579
Bentley, J.M., Link, P.J. Evaluation of motor power cables for PWM AC drives 60395
Bentley, R. *see* Anderson, M. 18351
Bentley, R.C. *see* Anderson, M.E. 37679
Bentley, T. *see* Kamath, M.V. 37836
Bentley, W.F. Cell balancing considerations for lithium-ion battery systems 61022
Benton, D.H. Lead removal from a new aqueous cleaning agent before discharge 41687
Benton, J. *see* Centeno, V. 28935
Bentourkia, M., Msaki, P., Cadorette, J., Lecomte, R. Nonstationary scatter subtraction-restoration in high-resolution PET 49490
Bentz, A. *see* Ponpon, J.P. 32184
Bentz, S. Use of the TEM cell for compliance testing of emissions and immunity, an IEC perspective 45227
Benussi, L., Bertani, M., Bianco, S., Fabbri, F.L., Gianotti, P., Giardoni, M., Guaraldo, C., Lanaro, A., Lucherini, V., Mecozzi, A., Passamonti, L., Russo, V., Sarwar, S. The FINUDA straw tubes detector 37231
Benveniste, M. Probability models of microcell coverage 26637
Benvenuti, A. *see* Ghione, G. 42904
Benvenuti, A. *see* Spinelli, A. 43023
Benvenuti, C., Bernard, P., Bloess, D., Chiaveri, E., Hauviller, C., Weingarten, W. Various methods of manufacturing superconducting accelerating cavities 49021
Benvenuto, N., Salloum, A., Tomba, L. An all digital receiver for DECT radios 6557
Benvenuto, N. *see* Santucci, F. 6550
Benyattou, T. *see* Berger, P.D. 14111
Benyattou, T. *see* Del Medico, S. 17286
Benyattou, T. *see* Venet, T. 12226
Benyi Jiang *see* Jiang Benyi
Benysek, G. *see* Strzelecki, R. 9680
Benysek, G. *see* Strzelecki, R. 51777
Benz, C., Claassen, M., Liebig, D. Tunneling and impact ionization at high electric fields in abrupt GaAs p-i-n structures 42069
Benz, K.W. *see* Croell, A. 10591
Benz, K.W. *see* Dold, P. 52596
Benz, K.W. *see* Eiche, C. 10592
Benz, K.W. *see* Fiederle, M. 10593
Benz, K.W. *see* Fiederle, M. 37321
Benz, K.W. *see* Kloess, G. 12143
Benz, K.W. *see* Rogalla, M. 32358
Benz, K.W. *see* Tegetmeier, A. 10641
Benz, M. *see* King, C. 55109
Benz, R.D. *see* Benson, J.D. 21287
Benz, R.G. *see* Carter-Coman, C. 42538
Benz, S.P. *see* Hamilton, C. 27214
Benz, T. *see* Akpebu, B. 11168
Benz, T. *see* Akpebu, B. 11169
Benz, T. *see* Rudokas, R. 58165
Benz, U., Strodl, K., Moreira, A. Improved SAR raw data compression with adaptive gain estimation 16877
Benz, W. *see* Czotscher, K. 55694
Benz, W. *see* Hurm, V. 44318
Benz, W. *see* Sah, R.E. 14228
Benz, W. *see* Weisser, S. 23957
Benzaoua, F.S., Haddad, A., Rowlands, A.R., Waters, R.T. Modelling of pollution performance of ZnO polymeric surge arresters 19415
Benzel, T.C.Vickers *see* Vickers Benzel, T.C.
Benzhong Wang *see* Wang Benzhong
Benziada, L., Ravez, J. Crystallographic and dielectric properties of $(1-x)BaTiO_3$-$xPbF_2$-xLiF ceramics 2895
Benzinou, A. *see* Rodin, V. 59545
Benzley, S. *see* Blacker, T. 30667
Benzley, S. *see* Whiteley, M. 632
Benzley, S.E. *see* Terry, R.E. 20661
Benzohra, M. *see* Idrissi, M. 54055
Beom Cho Yong *see* Yong Beom Cho
Beom Kim Jae *see* Jae Beom Kim
Beom Kim Jeong *see* Jeong Beom Kim
Beom Shig Kim, Jong Keun Hwang Flow-induced vibration test in the preheater region of a steam generator tube bundle 60515
Beom Soo Park *see* Seongjin Kim 53961
Beom-hoan O, Heung Ro Choo, Hyung Mun Kim, Jeong Soo Kim, Dae Kon Oh, Hye Rim Kim, Hong Man Kim, Kwang Eui Pyun Cavity length dependence of high-speed 1.55-μm multiple-quantum-well laser diode characteristics 23977
Beom-Hoan O, Heung Ro Choo, Hyung Mun Kim, Jeong Soo Kim, Dae Kon Oh, Jong Dae Park, Chan Yong Park, Hye Rim Kim, Hong Man Kim, Kwhang Eui Pyun Gain and linewidth enhancement factor of distributed feedback and Fabry-Perot-type 1.55-μm multiple-quantum-well laser diodes by the measurement of spontaneous emission spectrum from the side wall 24016
Beom-Su Lee *see* Myung-Ro Kim 38576
Beom-Taek Lee, Neikirk, D.P. Minimum segmentation in the surface ribbon method for series impedance calculations of microstrip lines 39825
Beomsup Kim *see* Kyoohyun Lim 40809
Beomsup Kim *see* Seog-Jun Lee 1156
Beomsup Kim *see* Seog-Jun Lee 21535
Beorn-Gyu Choi *see* Jong-Woo Shin 13178
Bera, J.C. *see* Brissaud, M. 17117
Bera, L.K., Mukhopadhyay, M., Ray, S.K., Nayak, D.K., Usami, N., Shiraki, D.Y., Maiti, C.K. Oxidation of strained Si in a microwave electron cyclotron resonance plasma 22557
Bera, L.K., Ray, S.K., Nayak, D.K., Usami, N., Shiraki, Y., Maiti, C.K. Electrical properties of oxides grown on strained Si using microwave N_2O plasma 22549
Bera, M. *see* De, S.S. 22305
Beraldi, R., Marano, S. Selective BECN schemes for congestion control of ABR traffic in ATM LAN 6090
Beraldin, J.-A. *see* Laurin, D.G. 6975
Beranek, M.W. *see* Chan, E.Y. 228
Beranek, M.W. *see* Rassaian, M. 244
Beranger, V., Herve, J.-Y. Recognition of intersections in corridor environments 15528
Berangi, R., Leung, P., Faulkner, M. Cochannel interference cancellation for mobile communication systems 47671
Berard, E. *see* Normand, X. 9084
Berardinis, L.A. A signal runs through it [IC manufacture] 43197
Berardinis, L.A. *see* Teschler, L. 11839
Beratan, H. *see* Owen, R. 17368
Berazain-Iturralde, A. *see* Delgado, A. 13204
Berbari, E. *see* Sih, H.J. 37780
Berbari, E.J. *see* Geselowitz, D.B. 37777
Berbari, E.J. *see* Lander, P. 49647
Berbari, E.J. *see* Lander, P. 49648
Berbari, E.J. *see* Reiger, M.A. 37779
Berbaum, K.S. *see* Kennedy, R.S. 59871
Berbecaru, C. *see* Alexandru, H.V. 10589
Berbeco, G.R. Determining critical properties of high-performance epoxies for electronics assembly 39831
Berberana, I., Covaci, S., Magedanz, T. Evolution scenarios towards UMTS 47625
Berberidis, K., Palicot, J. A block quasi-Newton algorithm implemented in the frequency domain 15396
Berc, J.-S.Bes de *see* Bes de Berc, J.-S.
Berc, L. *see* Wiltzius, D. 6200
Berceli, T. *see* Cabon, B. 58314
Berces, J. Outage probability investigation for Rician faded mobile radio channel 47778
Berces, J. *see* Binh, N.Q. 6438
Berchowitz, D. *see* Karandikar, A. 51872
Berckmans, D. *see* De Moor, M. 9732
Bercovitz, J. *see* Alyushin, M. 58621
Bercu, C. *see* Craciun, G. 41897
Bercu, M. *see* Craciun, G. 41897
Bercual, A. *see* Rouha, N. 43526
Berczes, A., Hajdu, L. Computational experiences on the distances of polynomials to irreducible polynomials 40182
Berdague, J.-L. *see* Vernat-Rossi, V. 48708
Berdague, P. *see* Bouche, C.-M. 23664
Berdan, G.B. *see* Kwasowsky, B. 47006
Berdner, J. *see* Jennings, C. 50844
Berdnikov, B.A. *see* Mamishev, A.V. 36523
Berdugin, S. *see* Reuhl, R. 8998
Berdugo, J., Burgos, C., Cerrada, M., Deiters, K., Fabre, M., Lustermann, W., Robohm, A., Van Rossum, W. The alignment of the L3 forward-backward muon chambers at LEP200 37448
Berdugo, J. *see* Adam, A. 37280
Berdusis, P. *see* Matthews, J.A.J. 37266
Beregi, E. *see* Hartmann, E. 10586
Beregulin, E.V. *see* Averbukh, B.Y. 12332
Berenberg, V.A. Optimal control of the profile and duration of pulses generated in a Q-switched cavity with a dynamic mirror 44593
Berendakov, V.V. *see* Andreev, A.V. 14400
Berendschot, T.T.J.M. *see* Delint, P.J. 28296
Berenfeld, O., Abboud, S. Simulation of cardiac activity and the ECG using a heart model with a reaction-diffusion action potential 8071
Berenger, J.-P. Improved PML for the FDTD solution of wave-structure interaction problems 45017
Berenguer, M. *see* Fadda, E. 31954
Berens, F., Jung, P. Uplink performance of multicarrier joint detection code division multiple access 35465
Berens, F. *see* Jung, P. 47631
Berens, F. *see* Jung, P. 58153
Berens, P. *see* Jung, P. 58155
Berens, T.A. *see* Tuttle, J.R. 39065
Berenschot, J.W. *see* Burger, G.J. 12834
Berenstein, C.A. *see* Rashid-Farrokhi, F. 59520
Berenstein, C.A. *see* Sidiropoulos, N.D. 4663
Berenstein, C.A. *see* Sidiropoulos, N.D. 30507
Berenyi, H.M. *see* Kim, M.-J. 48058
Berenyi, H.M. *see* Tajbakhsh, S. 48108
Beres, L *see* Arato, P. 1201
Beresford, N.A. *see* Rutter, S.M. 58243
Beresford, R., Stevens, K.S., Briant, C., Bai, R., Paine, D.C. Epitaxial growth of GaN on lattice-matched hafnium substrates 21252
Beresnev, L.A. *see* Ivanova, N.L. 3487
Beretta, M.L., Tettamanzi, A.G.B. An evolutionary approach to fuzzy image compression 57080
Berezhansky, V.B., Chubaeva, L.I. Investigation of electrical insulation applied in cryoalternators 60693
Berezhnol, A.A. On the nature of anisotropy of optical properties of lithium niobate and lithium tantalate crystals 23650
Berezin, A., Schaffer, D., Villarreal, A. Automating after develop inspection 30364
Berezin, A.K. *see* Fainberg, Ya.B. 22153
Berezina, S., Turek, I. On the possibility of improvement of acoustic microscope resolution by spherical transformer 28683
Berezner, S.A., Krzesinski, A.E. Call queueing in circuit-switched networks 5830
Berezner, S.A., Krzesinski, A.E. Order independent loss queues 52420
Berezovskii, A.I. Accuracy-optimal reconstruction of functions from grid data with errors 30566
Berg, A. *see* Hartmann, G.K. 8419
Berg, A. *see* Loffler, M.J. 33880
Berg, A.C.J.F.van der *see* van der Berg, A.C.J.F.
Berg, A.P., Mikhael, W.B. An iterative formulation for the least squares approximation of 2-D signals 4695
Berg, A.P., Mikhael, W.B. Fidelity enhancement of transform based image coding using non-orthogonal basis images 4982
Berg, A.P., Mikhael, W.B. An efficient structure and algorithm for the mixed transform representation of signals 15179
Berg, A.Van den *see* Van den Berg, A.

Berg, C. How can I create a push Java channel? 57865
Berg, E.C. *see* Lo, N.R. 2875
Berg, E.W. *see* Ko, K.K. 22879
Berg, G. The GSM evolution towards UMTS 6645
Berg, G. *see* Fritz, M.E. 49890
Berg, G. *see* Lundgaard, L. 23122
Berg, H.A.M.Van den *see* Van den Berg, H.A.M.
Berg, H.M. *see* Ganesan, G.S. 30284
Berg, H.P., Schaefer, T., Seidel, F. Regulatory and safety aspects concerning the implementation of modern instrumentation and control systems in German nuclear power plants 50735
Berg, H.P., Volland, U., Weil, L. Results of regulatory investigations as a basis for safety improvements of nuclear power plants 19457
Berg, J., Yezzi, A., Tannenbaum, A. Phase transitions, curve evolution, and the control of semiconductor manufacturing processes 39731
Berg, J. *see* Wohlfart, B. 49625
Berg, J.A.Van den *see* Van den Berg, J.A.
Berg, J.H.van den *see* van den Berg, J.H.
Berg, J.S. Observations involving broadband impedance modelling 49232
Berg, J.S., Ruth, R.D. Transverse multibunch modes for non-rigid bunches, including mode coupling 49239
Berg, J.van den *see* van den Berg, J.
Berg, L. *see* Yeh, T. 3181
Berg, M., Carlen, L., Elmer, R., Jakobsson, B., Noren, B., Oskarsson, A., Ericsson, G., Julien, J., Nyb, K., Thorsteinsen, T.-F., Bellini, V., Guttormsen, M., Lvhiden, G. A compact range telescope for K+ measurements 37259
Berg, M. *see* Jorg, K.-W. 36896
Berg, M.J. *see* Chang, M.M. 28101
Berg, M.P.van den *see* van den Berg, M.P.
Berg, N. *see* Osinski, M. 13885
Berg, N.G.van der *see* van der Berg, N.G.
Berg, N.H. *see* Osinski, M. 23705
Berg, O., Chronister, E.L. Optical dephasing in pentacene-doped PMMA under high pressure 33694
Berg, P. Abstracting the future: the search for musical constructs 17126
Berg, P.M.van den *see* van den Berg, P.M.
Berg, R.Van *see* Van Berg, R.
Berg, S. *see* Barankova, H. 10848
Berg, S. *see* Hedlund, C. 2333
Berg, S.V., Foreman, R.D. Incentive regulation and telco performance: a primer 16143
Berg, W. *see* White, M. 37030
Bergadano, E. *see* Pavese, F. 55152
Bergamaschi, R.A., Raje, S., Nair, I., Trevillyan, L. Control-flow versus data-flow-based scheduling: combining both approaches in an adaptive scheduling system 31163
Bergamasco, G. *see* Fratta, A. 61216
Bergamin, A., Cavagnero, G., Mana, G. Quantized positioning of X-ray interferometers 37573
Bergamin, A. *see* Cordiali, L. 24313
Bergan, A.T., Berthelot, C.F., Taylor, B. Effect of weigh in motion accuracy on weight enforcement efficiency 59041
Bergano, N.S., Davidson, C.R., Vengsarkar, A.M., Nyman, B.M., Evangelides, S.G., Darcie, J.M., Ma, M., Evankow, J.D., Corbett, P.C., Mills, M.A., Ferguson, G.A., Pedrazzani, J.R., Nagel, J.A., Zyskind, J.L., Sulhoff, J.W., Lucero, A.J. 100 Gb/s WDM transmission of twenty 5 Gb/s NRZ data channels over transoceanic distances using a gain flattened amplifier chain 26823
Bergantinos, G., Masso, J. Notes on a new compromise value: the χ-value 10260
Berge, M. *see* Freund, L. 1326
Berge, N.H., Olnes, J. Firewalls in an OSI-environment 16334
Bergeal, J., Sultanem, F. Medium-voltage neutral connections and international standards 8944
Bergeaud, F., Mallat, S. Matching pursuit: adaptive representations of images and sounds 15921
Bergeault, E. *see* Berghoff, G. 27871
Bergeault, E. *see* Gasmi, A. 43135
Bergeault, E. *see* Gasmi, A. 58109
Bergeault, E. *see* Wiedmann, F. 27868
Bergeest, R., Chatzopoulos, Z., Grno, L., Ihlenfeld, W.G., Lalinsky, T., Kuzmik, J. Improvements in three-terminal thermoconverter technique 27511
Bergeld, T.J., Ernst, J.A., Gollin, G.D., Haney, M.J., Hans, R.M., Johnson, E.E., Selen, M.A., Siverts, M.B., Williams, J.B. The CLEO-III trigger: Decision and gating 59334
Bergem, O., Pace, N.G. Installation and calibration of a parametric array for shallow water backscatter measurements 49991
Bergem, O., Pouliquen, E., Lyons, A., Pace, N.G. Normal incidence seafloor classification using a parametric array 49999
Bergemont, A. *see* Min-Hwa Chi 1375
Bergen, K.M., Pierce, L.E., Dobson, M.C., Ulaby, F.T. A multi-temporal classifier for SIR-C/X-SAR imagery 8529
Bergen, L. *see* Natowicz, R. 25735
Bergenwall, M. *see* Kylanpaa, M. 16255
Bergeon, M. *see* Thony, P. 3895
Berger, A. *see* Reuter, M. 52115
Berger, B.E. *see* Sivertz, M. 37456
Berger, C., Collings, N., Pourzand, A.R., Volkel, R. Comparison of two reconfigurable NxN interconnects for a recurrent neural network 23611
Berger, C. *see* Schroedl, M. 61385
Berger, D.G., Clearfield, H.M., O'Donnell, W.J., Miller, W.R. Stressing the need for improved pricing metrics for MCM-D and MCM-D on C products 1867
Berger, G. Leader inception field from a vertical rod conductor. Efficiency of electrical triggering techniques 8957
Berger, G., Buttner, J., Petzoldt, J., Schilling, M. Reduced reactive power grid connection with online compensation of current harmonics 60919
Berger, G., Ryckewaert, G., Harboe-Sorensen, R., Adams, L. The heavy ion irradiation facility at CYCLONE - a dedicated SEE beam line 49268
Berger, G. *see* Asressahegn, M. 61353
Berger, G. *see* Laugier, P. 18348
Berger, G. *see* Saied, A. 18373
Berger, G.L. *see* Goiser, A.M.J. 6996
Berger, H., Bradaczez, H., Bradaczek, H.-A., Hildebrandy, G. Application of the Qscan to the sorting of doubly rotated quartz blanks 13333
Berger, H. *see* Almeida, J. 42268
Berger, H. *see* Hwu, Y. 13478
Berger, H. *see* Kalashnikov, S. 51335
Berger, H.H. *see* Esfahani, F. 11248
Berger, H.S., Tsaliovich, A. Unlicensed PCS product EMC compliance measurement rationale and alternatives 45200
Berger, H.S. *see* Archambrault, B. 45205
Berger, J., Maier, H.A. Fault location on branch lines of complex medium-voltage networks 8976
Berger, J., Schwerdt, M., Petermann, K., Fahling, H., Wust, P., Felix, R. Noninvasive measurement of the electric field distribution in hyperthermia with integrated-optical electric field sensors in $LiNbO_3$ technology 17719
Berger, J. *see* Bonang, C. 27160
Berger, J. *see* Bonang, C. 58569
Berger, J. *see* Foos, J.S. 28080
Berger, J. *see* Schwerdt, M. 17718
Berger, J. *see* Schwerdt, M. 45393
Berger, J.C. *see* Harss, B. 49275
Berger, J.D., Hallstein, S., Lyngnes, O., Ruhle, W.W., Khitrova, G., Gibbs, H.M. Emission dynamics of a magnetoexciton quantum-dot microcavity laser 44527
Berger, J.D. *see* Nelson, T.R., Jr. 3934
Berger, K., Brendler, A., Furman, K., Ledesma-Garrido, R., Reynolds, C., Shah, J. Ceramic BGA solder ball to substrate and card pad alignment 20887
Berger, K. *see* Nguyen, K.B. 32401
Berger, M., Chbat, M., Jourdan, A., Sotom, M., Demeester, P., Van Daenegem, B., Godsvang, P., Hein, B., Huber, M., Marz, R., Leclert, A., Olsen, T., Tobolka, G., Van den Broeck, T. Pan-European optical networking using wavelength division multiplexing 58369
Berger, M. *see* Quesnel, E. 3567
Berger, M. *see* Robic, J.Y. 3568
Berger, M.-O., Laprie, Y. Tracking articulators in X-ray images with minimal user interaction: Example of the tongue extraction 59518
Berger, M.-O. *see* Laprie, Y. 14863
Berger, M.-O. *see* Launay, L. 8046
Berger, M.G. Poroses Silicium fur die Mikrooptik: Herstellung, Mikrostruktur und optische Eigenschaften von Einzelschichten und Schichtsystemen (Porous silicon for the micro-optics: synthesis, microstructure and optical properties of single layers and layer systems) 1966
Berger, M.G. *see* Arrand, H. 33092
Berger, M.G. *see* Kruger, M. 33257
Berger, M.G. *see* Thonissen, M. 44174
Berger, M.O., Kubitz, O., Pils, C., Wessel, J. Autonomous agent communication in an industrial environment using DECT 47627
Berger, P. *see* Beck, M. 33768
Berger, P. *see* Kern, M. 33767
Berger, P.D., Bru-Chevallier, C., Benyattou, T., Chenevas-Paule, A., Grosse, P. VCSEL: characterization and coupling effect observation by photoreflectance spectroscopy 14111
Berger, P.R. *see* Chen, F. 12881
Berger, P.R. *see* Wei Gao 760
Berger, P.R. *see* Xiaoping Shao 12545
Berger, R., Gerber, C., Lang, H.P., Gimzewski, J.K. Micromechanics: a toolbox for femtoscale science: "Towards a laboratory on a tip" 48476
Berger, R., Schneider, C., Lehnert, W., Pfitzner, L., Ryssel, H. Advanced process control system for vertical furnaces [IC manufacture] 43189
Berger, R.J., Doesburg, E.B.M., van Ommen, J.G., Ross, J.R.H. Investigation of alkali carbonate transport toward the catalyst in internal reforming MCFCs 19980
Berger, S., Ohn, M., Huang, S., Alavie, T., Measures, R. High-frequency strain measurements using a laser diode with a fiber Bragg grating external reflector 36623
Berger, S. *see* Tamir, S. 896
Berger, S.D. *see* DeVore, W. 22672
Berger, S.D. *see* Harriott, L.R. 22700
Berger, S.D. *see* Harriott, L.R. 42874
Berger, S.D. *see* Watson, G.P. 32288
Berger, T. *see* Chow, J. 24628
Berger, T. *see* Viswanathan, H. 34631
Berger, T.P., Charpin, P. The permutation group of affine-invariant extended cyclic codes 24721
Berger, T.W. *see* Chen, D.C. 5849
Berger, V. Second harmonic generation using a non birefringent material in a doubly resonant monolithic cavity 3976
Berger, V., Gauthier-Lafaye, O., Costard, E. Fabrication of a 2D photonic bandgap by a holographic method 42798
Berger, V. *see* Duboz, J.Y. 44072
Berger, V. *see* Fiore, A. 14282
Berger, V. *see* Fiore, A. 33658
Berger, V. *see* Fiore, A. 33705
Berger, Y., Be'ery, Y. The twisted squaring construction, trellis complexity, and generalized weights of BCH and QR codes 24695
Berger-By, G. *see* Seki, M. 11644
Bergeret, F. *see* Charles, A. 42815
Bergeret, H. *see* Aboubacar, A. 41758
Bergeron, A. *see* Meunier, M. 17581
Bergeron, B.P., Bailin, M.T. Collaborative hypermedia development: considerations for academic publishing 6234
Bergeron, C. *see* Clementi, J.J. 20907
Bergeron, E., Despins, C.L., Delisle, G.Y. Impact of radio link parameters on the capacity of UHF and millimeter-wave indoor cellular systems 36000
Bergeron, R. *see* Arndt, S. 20902
Bergeron, R. *see* Robert, A. 8733
Bergeron, R.D. *see* Pak Chung Wong 15572
Berges, A. *see* Millot, P. 8616
Berges, P. *see* Adam, A. 37280
Bergevin, F.de *see* de Bergevin, F.
Bergey, M. *see* Muljadi, E. 20284
Bergfeld, T.J., Ernst, J.A., Gollin, G.D., Haney, M.J., Hans, R.M., Johnson, E.E., Selen, M.A., Siverts, M.B., Williams, J.B. The CLEO-III trigger: Calorimetry and tracking 59333
Berggren, K.-F., Ji, Z.-L. Quantum chaos in nanosized billiards in layered two-dimensional semiconductor structures 22344
Berggren, K.-F., Zhen-Li Ji, Lundberg, T. Origin of conductance fluctuations in large circular quantum dots 2217
Berggren, K.K. *see* Johnson, K.S. 2484
Bergh, H.E.van den *see* van den Bergh, H.E.
Bergh, M. *see* Wang, S.M. 52729
Bergh, M. *see* Wang, S.M. 54690
Bergh, M.V.D. *see* Montes, R. 7494
Berghe, G.Vanden *see* Vanden Berghe, G.
Berghe, R.Vanden *see* Vanden Berghe, R.
Bergher, M. First results on very stable micro bunches confirming the possibility of generation of coherent synchrotron radiation 18000
Berghmans, F. Influence of gamma radiation on the electrooptic behavior of planar nematic liquid crystal cells 44103
Berghmans, F., Decreton, M., Zdrodowski, K., Nasilowski, T., Thienpont, H., Veretennicoff, I. Radiation effects on nematic liquid crystal devices 44091
Berghmans, F., Vos, F., Decreton, M., Van Den Durpel, L., Marloye, D., Verwimp, I. Optical fiber semiconductor absorption temperature sensor for temperature monitoring in a gas-cooled nuclear reactor 38538
Berghoff, G., Deshours, F., Bergeault, E., Villotte, J.P., Villeforceix, B. Experimental comparison of "load-pull" measurement systems for nonlinear power transistor characterization 27871
Berghorn, W. *see* Evertsz, C.J.G. 49449
Berglind, E. *see* Ohlen, P. 6732
Berglind, E. *see* Rigole, P.-J. 14121
Berglind, E. *see* Rigole, P.-J. 14156
Berglind, E. *see* Rigole, P.-J. 58283
Berglind, E. *see* Schiess, M. 16759
Berglind, E. *see* Thylen, L. 58325
Berglund, C.N. Yield loss from CD errors due to finite-sized defects 2548
Berglund, M. *see* Malmqvist, L. 7851
Berglund, P. *see* Ylostalo, J. 17855
Bergmaier, A. *see* Ambacher, O. 21282
Bergmaier, A. *see* Ambacher, O. 41956
Bergman, A. Absolute calibration of a 100 KV DC divider 27348
Bergman, B. *see* Lundblad, A. 61061
Bergman, D. Emerging technologies: what, where and how? 39669
Bergman, J.P. *see* Bugajski, M. 12400
Bergman, J.P. *see* Godlewski, M. 12231
Bergman, J.P. *see* Godlewski, M. 12415
Bergman, J.P. *see* Godlewski, M. 12435
Bergman, J.P. *see* Godlewski, M. 12436
Bergman, J.P. *see* Son, N.T. 31889
Bergman, K. *see* Collins, B.C. 33447
Bergman, K. *see* Koehler, S.D. 6775
Bergman, K. *see* Kutz, J.N. 55198
Bergman, L. *see* Verikas, A. 56659
Bergman, L.A. *see* Lome, L.S. 6805
Bergman, P. *see* Godlewski, F. 12374
Bergman, P. *see* Wei Li 12381
Bergman, T.L. *see* Voth, T.E. 20950
Bergmann, A. Assessed high quality without additional costs: Technology Approval and Process Approval, a chance and challenge for the PCB industry 11924
Bergmann, C. *see* Levagueresse, F. 60909
Bergmann, C. *see* Li, Y.M. 50998
Bergmann, C. *see* Li, Y.M. 60771
Bergmann, C. *see* Millet, C. 61229
Bergmann, C. *see* Robet, P.P. 60971
Bergmann, C. *see* Sicot, L. 60798

Bergmann, D., Ritter, R. 3D deformation measurement in small areas based on grating method and photogrammetry 7604
Bergmann, H.W., Bartl, N., Mayerhofer, R. Micromachining with copper vapour lasers 14494
Bergmann, H.W., Hartmann, M., Slunecko, T., Gan, E., Schutte, K. Copper vapour laser for fast precision machining 14493
Bergmann, H.W., Korner, C., Hartmann, M., Mayerhofer, R. Precision machining with copper vapour lasers 171
Bergmann, H.W. *see* Martin, V.E. 3117
Bergmann, J. *see* Zhi Chao Tao 34324
Bergmann, J.R., Hasselmann, F.J.V. Diffraction synthesis of reflector antennas using pseudospline global interpolating functions 34240
Bergmann, J.R., Hasselmann, F.J.V. Interpolation of reflector surfaces by pseudosplines 45405
Bergmann, J.R. *see* Teixeira, F.L. 34290
Bergmann, J.R. *see* Teixeira, F.L. 45007
Bergmann, J.R. *see* Teixeira, F.L. 45389
Bergmann, K. Silicon carbide–the power semiconductor material of the future 12967
Bergmann, K., Friedrich, B., Retzman, D., Tyll, H. High power system quality for Eskom using SVCs 60978
Bergmann, M. Getting traffic under control 35783
Bergmann, N.W. *see* Kearney, D. 53237
Bergmann, R., Lobl, H., Bohme, H., Grossmann, S. Model to assess the reliability of electrical joints 11837
Bergmann, R., Oswald, G., Albrecht, M., Werner, J.H. Polycrystalline silicon on glass substrates for thin film solar cells 20043
Bergmann, R.B., Brendel, R., Wolf, M., Lolgen, P., Krinke, J., Strunk, H.P., Werner, J.H. Growth of polycrystalline silicon films on glass by high-temperature chemical vapour deposition 40589
Bergmann, R.B., Brendel, R., Wolf, M., Lolgen, P., Werner, J.H., Krinke, J., Strunk, H.P. Crystalline silicon films by chemical vapor deposition on glass for thin film solar cells 39084
Bergmann, R.B. *see* Brendel, R. 29639
Bergmann, S. *see* Wolf, E. 12192
Bergogne, C., Sehier, P., Bousquet, M. Reduced complexity frequency estimator for burst transmission 26672
Bergonzo, P. *see* Brambilla, A. 37910
Bergonzo, P. *see* Foulon, F. 36560
Bergonzo, P. *see* Jany, C. 31767
Bergossi, O. *see* Coluzza, C. 2242
Bergossi, O. *see* Coluzza, C. 12518
Bergou, J.A. *see* Herzog, U. 33352
Bergquist, J.C. *see* Cruz, F.C. 48336
Bergquist, J.C. *see* Miller, J.D. 27326
Bergquist, J.C. *see* Wineland, D.J. 48291
Bergquist, J.C. *(editor)* Proceedings of the Fifth Symposium on Frequency Standards and Metrology 39557
Bergquist, K. *see* Barbance, K. 58505
Bergqvist, A. *see* Holmberg, P. 41551
Bergqvist, A.J. *see* Lundgren, S.A. 43640
Bergstedt, P. *see* Lazraq, T. 6407
Bergstrom, D. *see* Kinane, B. 26032
Bergstrom, H. *see* Smedman, A.-S. 29190
Bergunde, T., Dauelsberg, M., Kadinski, L., Makarov, Yu.N., Weyers, M., Schmitz, D., Strauch, G., Juergensen, H. Heat transfer and mass transport in a multiwafer MOVPE reactor: modelling and experimental studies 40324
Bergunde, T. *see* Kurpas, P. 40347
Bergveld, P. The future of biosensors 7463
Bergveld, P. *see* Luo, J. 17557
Bergveld, P. *see* Olthuis, W. 27515
Bergveld, P. *see* Pedersen, M. 13162
Bergveld, P. *see* van Hal, R.E.G. 12914
Berhan, M.T. *see* Kim, W.-J. 29735
Berin, M.O., Haimovich, A.M. Signal cancellation effects in adaptive radar Mountaintop data-set 27046
Berinato, R.J. *see* Durrett, R.A. 8666
Berinato, R.J. *see* Turbyfill, M.E. 8667
Bering, E.A., III, Wang, C., Huang, T.-S., Hartle, R.E. Development of an ionospheric thermal plasma moment analyzer based on a superconducting 2-D dipole or racetrack electromagnet 8458
Beringer, J., Borer, K., Dawson, I., Dowell, J.D., Homer, R.J., Kenyon, I.R., Oglesby, S.J., Shaylor, H.R., Wilson, J.A., Carter, J.R., Goodrick, M.J., Hill, J.C., Munday, D.J., Parker, M.A., Robinson, D., Wyllie, K.H., Anghinolfi, F., Boulter, B., Kappes, A., Langhans, W., Ratz, K., Roe, S., Weilhammer, P.E., Gadomski, S., Godlewski, J., Kaplon, J., Andrle, J., Stavropoulos, G., Bonino, R., Clark, A.G., Couyoumtzelis, C., Demierre, P., LaMarra, D., Allport, P.P., Booth, P.S.L., Bowcock, T.J.V., Green, C., Greenall, A., Hanlon, M., Jackson, J.N., Jones, T.J., Richardson, T.D., Smith, N.A., Turner, P.R., Tzamarias, S.E., Beck, G.A., Carter, A.A., Newman-Coburn, D., Pritchard, T.W., Fares, F., Moorhead, G.F., Taylor, G.N., Holt, A., Nygard, E., degard, T., stby, J., Stapnes, S., Sundal, B., von der Lippe, H., Brooks, C.B., Grewal, A.S., Nickerson, R.B., Shield, P., Weidberg, A.R., Apsimon, R.J., Bizzell, J., Gibson, M.D., Murray, W., Morrisey, M.C., Tyndel, M., Albiol, F., Fuster, J. ATLAS beam test results 37394
Beriot, E. *see* Rosala, F. 3322
Beritelli, F., Casale, S., Russo, M. Encoding of PARCOR coefficients using fuzzy rules 4592
Beritelli, F., Casale, S., Spataro, F. A simple and efficient two-band speech coder at 2.4 kbit/s for real-time implementation on a single low-cost DSP 4593
Beritelli, F. *see* Montagna, R. 46979
Berizzi, A., Silvestri, A., Tironi, E., Zaninelli, D., Marannino, P. Power flows and voltage control in electric systems by traditional and innovative devices 8806
Berizzi, A., Silvestri, A., Zaninelli, D., Marconato, R. The capability of alternators in voltage collapse analysis 50959
Berizzi, F., Corsini, G., Gini, F. HOS based algorithm for autofocusing of spotlight SAR images 48079
Berizzi, F., Diani, M. Target angular motion effects on ISAR imaging 58436
Berjoan, R. *see* Balat, M. 40665
Berk, F. *see* Ludwig, L.A. 7479
Berkelaar, M. *see* Arts, H. 11365
Berkelaar, M.R.C.M., Buurman, P.H.W., Jess, J.A.G. Computing the entire active area/power consumption versus delay tradeoff curve for gate sizing with a piecewise linear simulator 1065
Berkeland, D. *see* Wineland, D.J. 48291
Berkeland, D.J. *see* Miller, J.D. 27326
Berkey, F.T. *see* Tsai, L.-C. 60046
Berkner, J. *see* Zimmer, T. 22780
Berkoff, T.A., Kersey, A.D. Fiber Bragg grating array sensor system using a bandpass wavelength division multiplexer and interferometric detection 7369
Berkoff, T.A., Kersey, A.D. Experimental demonstration of a fiber Bragg grating accelerometer 17432
Berkoff, T.A. *see* Jones, R.T. 17407
Berkoff, T.A. *see* Jones, R.T. 48576
Berkoff, T.A. *see* Kersey, A.D. 36614
Berkouk, M., Ben Romdhane, Y., Manesse, G. PWM strategies to control three-level inverters, application to the induction motors drive 51358
Berkov, D.V., Gorn, N.L., Andrae, W., Mattheis, R., Schmidt, S. Hysteresis and 360° domain wall structures in antiferromagnetically coupled multilayers with linear defects 43664
Berkovic, G. *see* Stolle, R. 14253
Berkovits, R. *see* Prus, O. 22407
Berkovits, V.L. *see* Gusev, A.O. 42264
Berkovski, A.G., Chiodi, G., Fabre, J.-P., Frenkel, A., Golovkin, S.V., Gubanov, Yu.I., Kislizkai, G.N., Kozarenko, E.N., Kreslo, I.E., Kushnirenko, A.E., Martellotti, G., Mazza, D., Medvedkov, A.M., Penso, G. A high-speed gateable image pipeline 12123
Berkowitz, A.E. *see* Parker, F.T. 13453
Berkowitz, G. Operations efficiencies of broadband access networks 47419
Berkowitz, S.J., Zhang, Y.M., Mallison, W.H., Char, K., Terzioglu, E., Beasley, M.R. High-temperature superconducting Josephson fluxon-antifluxon transistors 3291
Berkowitz, S.J. *see* Grossman, E.N. 32962
Berkowski, M. *see* Ryba-Romanowski, W. 14036
Berks, R. *see* Ebergen, J. 53231
Berkstresser, G.W. *see* Hellman, E.S. 21251
Berkum, J.G.M.Van *see* Van Berkum, J.G.M.
Berland, V. *see* Galy, Ph. 13053
Berler, Z. *see* Kane, C. 60674
Berlicki, T., Osadnik, S., Prociow, E. Thin film thermal microsensors 27543
Berlin, A.A., Gabriel, K.J. Distributed MEMS: new challenges for computation 54840
Berlit, P. *see* Linden, D. 28327
Berman, D., Ashoori, R.C., Smith, H.I. Single electron transistors for charge sensing in semiconductors 54724
Berman, G.P. *see* Alekseev, K.N. 2211
Berman, I.D. Plastic optical fiber flexes its muscle 6734
Berman, J. *see* Giurgiutiu, V. 1012
Berman, J. *see* Giurgiutiu, V. 40746
Berman, L.E. *see* Thoma, G.R. 15429
Berman, L.S., Denisov, D.V., Gabaraeva, A.D., Kamanin, A.V., Karimov, I., Sharonova, L.V., Shmidt, N.M., Smolsky, O.V. Association of time instability of the InP–SiO_2 interface characteristics with bulk properties of the insulator 12587
Berman, L.S. *see* Grekhov, I.V. 2295
Berman, L.S. *see* Grekhov, I.V. 22324
Berman, O. *see* Averbakh, I. 21073
Berman, P., Diks, K., Pelc, A. Reliable broadcasting in logarithmic time with Byzantine link failures 35685
Berman, P.M. *see* Davros, W.J. 59454
Berman, S. *see* Meisel, J. 29845
Bermudez, F.J.Alcazar *see* Alcazar Bermudez, F.J.
Bermudez, J.C.M., Bershad, N.J. Stability of non-Wiener solutions of the filtered LMS algorithm 4697
Bermudez, J.C.M. *see* Bershad, N.J. 4651
Bermudez, J.C.M. *see* Bershad, N.J. 4815
Bermudez, V., Dutta, P.S., Serrano, M.D., Dieguez, E. On the single domain nature of stoichiometric $LiNbO_3$ grown from melts containing K_2O 32658
Bermudez, V., Dutta, P.S., Serrano, M.D., Diguez, E. Transient electrical field characteristics due to polarization of domains in bulk $LiNbO_3$ during Czochralski growth 43485
Bernabei, P., Moreschini, G. Television programming effects on electric power system operation and control 8808
Bernabei, S. *see* Ramakrishnan, S. 29436
Bernabeu, E. *see* Alonso, J. 59049
Bernabeu, E. *see* Martinez-Anton, J.C. 7620
Bernadini, M. *see* Luiten, A.N. 48500
Bernage, P., Taunay, T., Leconte, B., Douay, M., Niay, P., Bayon, J.F., Poignant, H., Herlemont, F., Legrand, J., Poumellec, B. Inscription kinetics and thermal stability of Bragg gratings written within heated fibers 23472
Bernage, P. *see* Cordier, P. 43946
Bernage, P. *see* Dianov, E.M. 33029
Bernage, P. *see* Dianov, E.M. 43981
Bernage, P. *see* Douay, M. 24268
Bernage, P. *see* Douay, M. 55193
Bernage, P. *see* Douay, M. 55261
Bernage, P. *see* Kurkov, A.S. 44399
Bernage, P. *see* Poumellec, B. 23474
Bernage, P. *see* Pureur, D. 23476
Bernage, P. *see* Pureur, D. 43932
Bernage, P. *see* Taunay, T. 13617
Bernage, P. *see* Taunay, T. 43967
Bernage, P. *see* Xie, W.X. 24284
Bernal, A. *see* Ribas, R.P. 31209
Bernal, A. *see* Ribas, R.P. 53204
Bernal, M.-P., Burr, G.W., Coufal, H., Grygier, R.K., Hoffnagle, J.A., Jefferson, C.M., Macfarlane, R.M., Shelby, R.M., Sincerbox, G.T., Wittmann, G. Holographic-data-storage materials 14427
Bernal, S., Dragt, A., Reiser, M., Venturini, M., Wang, J.G., Godlove, T.F. Matching section and inflector design for a model electron ring 59136
Bernal, S. *see* Reiser, M. 59138
Bernal, S. *see* Venturini, M. 59137
Bernal-Agustin, J.L. *see* Ramirez-Rosado, I.J. 60249
Bernaola, O.A. *see* Saint-Martin, G. 18128
Bernard, A. *see* Quisquater, J.-J. 58588
Bernard, A. *see* Touboul, P. 7591
Bernard, A.C., Kanellopoulos, I., Wilkinson, G.G. Neural network classification of mixtures 57073
Bernard, C. *see* Bourhila, N. 40646
Bernard, D., Li, J., Rey, J.C., Rouz, K., Axelrad, V. Efficient computational techniques for aerial imaging simulation 2516
Bernard, D. *see* Amiranoff, F. 17898
Bernard, E. *see* Read, D. 1860
Bernard, E.S. *see* Prabhu, A.S. 30230
Bernard, F. *see* Tournois, P. 28109
Bernard, G. *see* Atlas, L. 34957
Bernard, G. *see* Maftoul, J. 38915
Bernard, G. *see* Owsley, L. 25223
Bernard, H. *see* Polyakov, A.S. 19502
Bernard, H. *see* Seyve, C. 19501
Bernard, J.E. *see* Madej, A.A. 48310
Bernard, J.E. *see* Marmet, L. 27342
Bernard, J.E. *see* Whitford, B.G. 48805
Bernard, K., Sum, T. Contestability and pricing flexibility: issues in Hong Kong 46856
Bernard, M. *see* Barry, L.P. 16761
Bernard, M. *see* Garvey, T. 49193
Bernard, M.A., Sharma, B.D. Linear codes with non-uniform error correction capability 56261
Bernard, M.J., III Station cars: personal mobility at less dollar and social cost 39302
Bernard, P. *see* Benvenuti, C. 49021
Bernard, R. *see* Glises, R. 9240
Bernard, R.N. *see* Wei Lin 58536
Bernard, S., Trudel, G., Scott, G. A 735 kV shunt reactors automatic switching system for Hydro-Quebec network 19110
Bernard, V. *see* Chardonnet, Ch. 36362
Bernardi, D.M. *see* Carpenter, M.K. 29565
Bernardi, S. Advances in vapour phase epitaxy of HgCdTe on sapphire and silicon 40308
Bernardi, S. *see* Sochinskii, N.V. 40389
Bernardini, F. *see* De Ley, E. 43583
Bernardini, F. *see* Maltese, P. 48766
Bernardini, R., Cortelazzo, G., Mian, G.A. A new multidimensional fast convolution algorithm 4644
Bernardini, R., Kovacevic, J. Designing local orthogonal bases for evaluating image quality 56795
Bernardino, A., Santos-Victor, J. Vergence control for robotic heads using log-polar images 35216
Bernardo, M., Gorrieri, R. Extended Markovian process algebra 437
Bernardo, M.Di *see* Di Bernardo, M.
Bernas, H. *see* Desimoni, J. 12643
Bernas, H. *see* Palard, M. 31757
Bernascon, J. *see* Buchenel, B. 19249
Bernasconi, P. *see* Cudney, R.S. 43480
Bernasconi, P.N. *see* Gale, M.T. 58847
Bernasconi, V., Bollea, L., Forlani, G., Giorio, E., Politi, M. Design and experimental characterization of a RAKE receiver for a mobile station of a DS-CDMA system 47637
Bernauer, J., Schwab, A.J. Transfer impedance measurement of a 19"-subrack 45194
Berndt, D., Fahrmann, G., Benke, H.-W., Specht, B., Scheibner, G., Rollinger, H., Blotevogel, K., Monschau, H., Zwerschke, F. Renewed control technology of the Veag main switching control/load distribution in long-term operation 19136
Berndt, R. *see* Bohringer, M. 30769
Berndt, W., Selmayr, F. Archiving–an important function in control systems 19163
Bernecky, W.R. *see* Salinas, J. 16983

Bernede, J.C., Hadouda, H., Li, S.J., Essaidi, H., Pouzet, J., Khelil, A. Improvement of the electrical properties of layered semiconductor thin films by iodine treatment 32183
Bernede, J.C., Kettaf, M., Khelil, A., Spiesser, M. p-n junctions in molybdenum ditelluride 2128
Bernede, J.C. *see* Essaidi, H. 12320
Bernede, J.C. *see* Touihri, S. 54570
Bernel, D.A. *see* Hofner, T.C. 1510
Berner, S. New results on verified global optimization 496
Bernerdin, C. An experimental method for modelling sonar's signals based on frequential observations 56450
Bernerdini, C. An experimental method for wideband signal identification using an interpretation of the zero cut dates 56453
Bernert, K. τ-extrapolation–theoretical foundation, numerical experiment, and application to Navier-Stokes equations 40170
Bernet, K. *see* Bernet, S. 38838
Bernet, S., Bernet, K., Lipo, T.A. The auxiliary resonant commutated pole matrix converter–a new topology for high power applications 38838
Bernet, S. *see* Matsuo, T. 29414
Bernhard, B. *see* Wennekers, P. 32451
Bernhard, F. *see* Augustin, S. 7259
Bernhard, H.-P. Determining the predictability of signals 45983
Bernhard, R. *see* Grana Gil, J. 35501
Bernhardt, A.F. *see* Liberman, V. 31656
Bernhardt, K. For environmental protection and safety: gas sensors of gallium oxide 48739
Bernhardt, M. *see* Toulson, D.L. 27688
Bernier, F. *see* Fricke, D.-H. 61329
Bernier, J., Croft, G. Die level CDM testing duplicates assembly operation failures 20819
Bernier, L.G. *see* Schweda, H.S. 48205
Bernier, M. An overview of TBGA bond and assembly operations 20914
Bernier, W.A. The significance of training 53762
Bernieri, A., Betta, G., Dell'Isola, M. Statistical problems in calibration design 58614
Bernieri, A. *see* Betta, G. 60780
Bernik, S. *see* Kuscer, D. 19998
Berning, D.W., Hefner, A.R., Jr. IGBT half-bridge shoot-through characterization for model validation 31098
Berning, D.W. *see* Adams, V.H. 52274
Berning, P.R., Hummer, C.R., Le, C.D., Coburn, W.O. A theoretical and experimental study of the electromagnetic environment surrounding a magnetic induction launcher 33870
Berning, S., Howe, P., Jenkins, T. Theater-Wide Reference Information Management 8702
Berning, S. *see* Teichgraeber, R.D. 50254
Bernlohr, K. Measuring the UHE cosmic-ray composition with tracking detectors in air shower arrays 7788
Bernot, F. *see* Bonafe, T. 43033
Bernstein, A. *see* Rudolph, W. 55389
Bernstein, B.B., Allen, J., Dorsey, J., Gold, M., Lyons, M., Pollock, G.A., Smith, D., Stull, J.K., Wang, G. Rethinking seafood tissue monitoring for regional risk assessment 50222
Bernstein, B.S. *see* Eager, G.S. 50590
Bernstein, D. *see* Adiletta, M. 47466
Bernstein, D. *see* Kotseroglou, T. 33602
Bernstein, G.H. *see* Bazan, G. 22897
Bernstein, G.H. *see* Frankovic, R. 12806
Bernstein, G.H. *see* Frankovic, R. 32234
Bernstein, G.H. *see* Frankovic, R. 42760
Bernstein, G.H. *see* Frankovic, R. 42761
Bernstein, G.H. *see* Frankovic, R. 43392
Bernstein, G.H. *see* Lei, P.-M. 21581
Bernstein, G.H. *see* Williamson, W., III 21637
Bernstein, H. Integrated Circuit for current measurements–precise and versatile, compatible with microprocessors 21510
Bernstein, H. Low cost DSP takes over applications of microcontrollers 21743
Bernstein, J.B. *see* Rasera, R.L. 12820
Bernstein, J.D., Qin, S., Chan, C., Tsu-Jae King High dose-rate hydrogen passivation of polycrystalline silicon CMOS TFTs by plasma ion implantation 2628
Bernstein, J.D. *see* Qin, S. 2324
Bernstein, J.D. *see* Shu Qin 12668
Bernstein, J.D. *see* Shu Qin 12669
Bernstein, J.J. *see* Chen, H.D. 54947
Bernstein, K., Bertsch, J.E., Clark, W.F., Ellis-Monaghan, J.J., Heller, L.G., Nowak, E.J. Practical performance/power alternatives within an existing CMOS technology generation 11478
Bernstein, L., Purkey, R., Stankey, J. Operations re-engineering in Pacific Bell: the key factor for broadband deployment 47418
Bernstein, L., Yuhas, C.M. Network architectures for the 21st century 35615
Bernstein, R. *see* Girod, B. 5145
Bernstein, R.W. *see* Steinsland, E. 13183
Bernstein, U. *see* Donn, M. 19034
Bernstein, W. Reliability of power station plant–a focal point for applied highschool research 29115
Bernstein, X., Haimovich, A.M. Space-time processing for increased capacity of wireless CDMA 6543
Berntsen, A.J.M. *see* van der Weg, W.F. 22525
Berntson, A., Anderson, D., Lisak, M., Quiroga Teixeiro, M.L., Karlsson, M. Self-phase modulation in dispersion-compensating systems 26804
Berntson, A. *see* Malomed, B.A. 14276
Bernussi, A.A. *see* Patel, D. 23952
Bernussi, A.A. *see* Patel, D. 23956
Beroual, A., Fofana, I. Modelling of the streamer in dielectric liquids with an equivalent electrical network 23130
Beroual, A., Zouaghi, A. Barrier effect on the prebreakdown and breakdown phenomena in long oil gaps 23140
Beroual, A. *see* Badent, A. 23150
Beroual, A. *see* Brosseau, C. 13295
Beroual, A. *see* Dhahbi-Megriche, N. 41736
Beroual, A. *see* Joubert, Ch. 53705
Beroual, A. *see* Mekhaldi, A. 60418
Beroual, A. *see* Peyraque, L. 19793
Beroual, A. *see* Peyraque, L. 29373
Beroual, A. *see* Sareni, B. 32609
Beroual, A. *see* Sareni, B. 43430
Berovic, N. *see* Chittock, R.S. 31640
Berraies, O. *see* Leturcq, P. 42905
Berre, C.Le *see* Le Berre, C.
Berre, D.Le *see* Le Berre, D.
Berre, M.Le *see* Le Berre, M.
Berreth, S.P. Methods for protecting intellectual property 30083
Berretta, J.R. *see* Ranieri, I.M. 10604
Berriane, R. *see* Patel, Y. 21493
Berriane, R. *see* Sanchez, J.-L. 51171
Berridge, C. *see* Chudleigh, M. 25659
Berridge, S.C. *see* Kotseroglou, T. 33602
Berrie, J., Redac, Z. EMC–can it be simulated, or is empiricism our destiny? 45178
Berrie, J.A. *see* Jian-Ming Jin 24590
Berrier, K.L. *see* Khoury, D.S. 37776
Berrim, S., Lansiart, A., Moretti, J.-L. Implementing of maximum likelihood in tomographical coded aperture 59548
Berrocosa, J. *see* Monnard, R. 33118
Berroir, J.-P., Herlin, I., Cohen, I. A numerical model for large deformation 5113
Berroir, J.M., Zanier, S., Guldner, Y., Vieren, J.P., Sagnes, I., Campidelli, Y., Badoz, P.A. Infrared spectroscopy in p-type SiGe/Si quantum wells 2170
Berroir, J.M., Zanier, S., Guldner, Y., Vieren, J.P., Sagnes, I., Campidelli, Y., Badoz, P.A. Infrared absorption in p-type SiGe/Si quantum wells 12393
Berroir, J.M. *see* Zanier, S. 12335
Berroir, J.P., Bouzidi, S., Herlin, I. Use of multi-sensor, multi-scale and temporal data for segmenting vegetation 60009
Berroth, M. Submicron HEMT technology 22887
Berroth, M., Lang, M., Wang, Z.-G., Lao, Z., Thiede, A., Motzer, M.R., Bronner, W., Kaufel, G., Kohler, K., Hulsmann, A., Schneider, J. 20-40 Gbit/s 0.2 μm GaAs HEMT chip set for optical data receiver 36182
Berroth, M. *see* Lao, Z. 31202
Berroth, M. *see* Lao, Z. 40927
Berroth, M. *see* Wang, Z.-G. 1545
Berroth, M. *see* Wang, Z.-G. 41477
Berrou, C. *see* Adde, P. 4525
Berrut, J.-P., Mittelmann, H.D. Lebesgue constant minimizing linear rational interpolation of continuous functions over the interval 40174
Berruto, E., Colombo, G., Napolitano, A. From GSM to UMTS: a continuous evolution with steps of innovation 16560
Berry, A., Raymond, K. The A1 architecture model 6153
Berry, A. *see* Kong, Q. 6156
Berry, A.D., Tonucci, R.J., Fatemi, M. Fabrication of GaAs and InAs wires in nanochannel glass 12375
Berry, C. *see* Rinne, G. 22083
Berry, C. *see* Wassermann, E.M. 28088
Berry, C.J. *see* Ficke, J.T. 305
Berry, C.J. *see* Ficke, J.T. 53864
Berry, D. *see* Villeneuve, G. 11836
Berry, D.T. *see* Parker, J.V. 24409
Berry, E., Truscott, J.G., Stewart, S.P., Smith, M.A. Spatial distribution of femoral bone mineral in dual energy X-ray absorptiometry images: a possible technique to improve discrimination between normal and osteoporotic patients 7892
Berry, E. *see* Hurn, M.A. 18275
Berry, G. *see* Huff, J. 5915
Berry, G. *see* Nelson, A.J. 42045
Berry, G. *see* Sentovich, E.M. 11111
Berry, G.M. *see* Reed, M. 3403
Berry, J. *see* Mariappan, J. 20477
Berry, M. *see* Barrett, R. 585
Berry, M. *see* Marsh, W. 53642
Berry, M. *see* Rinne, G. 22083
Berry, M.J. *see* Ida, Y. 12036
Berry, R.P., O'Neal, J.K., Cayson, S.C., Dixon, M.D. Electro-mechanical actuators with multi-chip module electronic controllers for unmanned vehicles 12041
Berry, S. Teleworking today 57717
Berryman, K.W., Lyon, S.A., Segev, M. Mid-infrared photoconductivity in InAs quantum dots 42223
Berryman, K.W. *see* Crosson, E.R. 18012
Bersanelli, M. *see* Torres, S. 36292
Bersani, M., Morten, B., Prudenziati, M., Gualtieri, A. Interactions between lead oxide and ceramic substrates for thick film technology 40671
Bersano-Begey, T.F. *see* Daida, J.M. 8369
Bersano-Begey, T.F. *see* Daida, J.M. 8484
Bersano-Begey, T.F. *see* Daida, J.M. 60021
Berseth, W. *see* Neff, J.A. 55472
Bershad, N.J., Bermudez, J.C.M. A nonlinear analytical model for the quantized LMS algorithm–the power-of-two step size case 4651
Bershad, N.J., Bermudez, J.C.M. New insights into the transient and steady-state behavior of the quantized LMS algorithm 4815
Bershad, N.J., Ibnkahla, M., Castanie, F. Statistical analysis of a two-layer backpropagation algorithm used for modeling nonlinear memoryless channels: the single neuron case 45480
Bershad, N.J. *see* Bermudez, J.C.M. 4697
Bersia, N. *see* Lo Russo, G. 35612
Bersia, N. *see* Lo Russo, G. 46936
Bersuker, G. *see* Salah, A. 22802
Bersuker, G. *see* Trabzon, L. 12937
Bersuker, G. *see* Trabzon, L. 32393
Bert, A. *see* Castagne, R. 9874
Bert, C. *see* Alquie, C. 43572
Bert, N. *see* Dmitriev, V. 10880
Bert, N.A., Chaldyshev, V.V. Changes in the moire patterns in electron-microscope images of As clusters in LT-GaAs as their size decreases 10681
Bert, N.A., Chaldyshev, V.V., Faleev, N.N., Kunitsyn, A.E., Lubyshev, D.I., Preobrazhenskii, V.V., Semyagin, B.R., Tret'yakov, V.V. Two-dimensional precipitation of As clusters due to indium delta-doping of GaAs films grown by molecular beam epitaxy at low temperature 41968
Bert, N.A. *see* Kop'ev, P.S. 23931
Bertacco, V., Damiani, M. Boolean function representation based on disjoint-support decompositions 1241
Bertagna, V., Plougonven, C., Rouelle, F., Chemla, M. p- and n-type silicon electrochemical properties in dilute hydrofluoric acid solutions 12760
Bertagnolli, E., Hofmann, F., Willer, J., Mary, R., Lau, F., von Basse, P.W., Bollu, M., Thewes, R., Kollmer, U., Zimmermann, U., Hain, M., Krautschneider, W.H., Rusch, A., Hasler, B., Kohlhase, A., Klose, H. ROS: an extremely high density mask ROM technology based on vertical transistor cells 2796
Bertaina, A. *see* Desthieux, B.M. 6855
Bertani, M. *see* Benussi, L. 37231
Bertarelli, L. *see* Mathis, C. 33593
Bertazzo, L. *see* Dainelli, A. 49138
Bertazzo, L. *see* Palmieri, V. 49140
Bertelotti, M., Liakhou, G., Voti, L., Matera, A., Sibilia, C., Valentino, M. Optical losses characterization in waveguides through the photodeflection method 44040
Bertelsen, N.A. *see* Oien, G.E. 49745
Bertenburg, R.M., Janssen, G., van Waasen, S., Auer, U., Reuter, R., Fritzsche, D., Tegude, F.-J. 10 Gb/s low-noise transimpedance amplifier for optoelectronic receivers based on InAlAs/InGaAs/InP HEMTs 53047
Bertenburg, R.M. *see* Bach, H.-G. 47952
Bertenburg, R.M. *see* Umbach, A. 3650
Bertenburg, R.M. *see* Umbach, A. 6867
Bertenburg, R.M. *see* van Waasen, S. 47939
Bertero, M. *see* Piana, M. 52539
Berthaud, P. *see* Garreau, Ph. 8618
Berthele, P., Hamam, H., de Bougrenet de la Tocnaye, J.L. Programmable computer generated holograms using ferroelectric liquid cristal materials as phase modulators 33760
Berthelemot, C. *see* Dumas, J.M. 9908
Berthelon, L. *see* Perrier, P.A. 58331
Berthelot, C.F. *see* Bergan, A.T. 59041
Berthelot, Y.H., Johnson, M.A. Laser ultrasonics in copy paper 40745
Berthet, G., Vijayananda, K., Noubir, G. A new presentation layer protocol for partitioned syntax transformation model 46763
Berthet, G. *see* Noubir, G. 46762
Berthet, G.G., Nussbaumer, H.J. A unified theory for f_1/f_2-diagnosable communication networks 25977
Berthet, L., Meunier, R. Uninterrupted supply during phase-to-earth faults on medium-voltage networks 8946
Berthet, M. *see* Arisaka, K. 37460
Berthias, J.-P. *see* Barotto, B. 18860
Berthie, M.L. *see* Schwarz, U. 24310
Berthier, B. *see* Antoine, C. 32889
Bertho, D., Jancu, J.-M., Jouanin, C. Effects of biaxial strain upon the electronic structure of semiconductors and heterostructures: conduction valence band mixing 22313
Bertho, D. *see* Malonga, F. 22357
Berthod, C., Bardi, J., Binggeli, N., Baldereschi, A. Schottky barrier tuning at Al/GaAs(100) junctions 54250
Berthod, C., Binggeli, N., Baldereschi, A. Local interface dipoles and the tuning of the Al/GaAs(100) Schottky-barrier height with ultrathin Si interlayers 12520
Berthod, M. *see* Serra, B. 25637
Berthod, M. *see* Shekarforoush, H. 25544
Berthod, M. *see* Volden, E. 5433
Berthold, A. *see* Wosinski, L. 5204
Berthold, J. *see* Eisele, M. 11244

Berthold, J.W. *see* Anderko, A. 61046
Berthold, J.W. *see* Kidwell, J.J. 36618
Berthold, M.R. *see* Syrjakow, M. 30544
Berthome, P., Ferreira, A. On broadcasting schemes in restricted Optical Passive Star systems 33174
Berthon, A. *see* Bonafe, T. 43033
Berthon, A. *see* Lombard, C. 51173
Berthon, A. *see* Tnani, S. 38738
Berthon, A. *see* Tnani, S. 51006
Berthon, A. *see* Tnani, S. 53064
Berthou-Pichavant, K., Liorzou, F., Gelin, P. Wave propagation in heterogeneous anisotropic magnetic materials 56105
Berthoud, P. *see* Sagna, N. 27368
Berthoumieu, Y. *see* Rouquette, S. 45766
Berthouz, L. *see* Afzulpurkar, N. 46518
Berthouze, L., Bakker, P., Kuniyoshi, Y. Learning of oculo-motor control: a prelude to robotic imitation 36677
Berthouze, L., Chavand, F., Barret, C. A camera neural model 27498
Berthouze, L. *see* Rougeaux, S. 46519
Berti, A.C., Farina, O. Manufacturing advancements in an organic SOG process by Ar^+ implantation 40496
Berti, D. *see* Manno, D. 31867
Berti, K.N. *see* Lucca, A.M. 30232
Bertilsson, K. *see* Thibeault, B.J. 23902
Bertilsson, K. *see* Thibeault, B.J. 44569
Bertin, C. *see* Guastavino, J. 43553
Bertin, F., Barat, J., Wilson, R. Energy dissipation rates, eddy diffusivity, and the Prandtl number: An in situ experimental approach and its consequences on radar estimate of turbulent parameters 60055
Bertin, F. *see* Delage, D. 60053
Bertin, G. *see* Accatino, L. 21875
Bertinelli, M. *see* Taddei, A. 49474
Bertinet, J.P. *see* Doyle, R. 22113
Bertinetto, F., Bisi, M., Fontana, S., Cordiale, P., Magoga, D. Implementation of modulation transfer technique at the IMGC 13978
Bertinetto, F., Cordiale, P., Popescu, G. Frequency comparison of iodine-stabilized He-Ne lasers at 633 nm from the IMGC and the IFA-IFTAR 48304
Bertinetto, F. *see* Bisi, M. 23732
Bertness, K.A. *see* Arent, D.J. 2045
Bertness, K.A. *see* Gauck, H. 44216
Bertness, K.A. *see* Kurtz, S.R. 38974
Bertocco, M., Narduzzi, C. Sine-fit versus DFT-based algorithms in SNR testing of waveform digitizers 27400
Bertocco, M., Paglierani, P., Petri, D. Efficient estimation of ADC performances 11522
Bertolin, A.M.Areitio *see* Areitio Bertolin, A.M.
Bertolin, A.M.Areito *see* Areito Bertolin, A.M.
Bertolin, A.M.Arietio *see* Arietio Bertolin, A.M.
Bertolin, J.Areitio *see* Areitio Bertolin, J.
Bertolin, J.Areito *see* Areito Bertolin, J.
Bertolin, J.Arietio *see* Arietio Bertolin, J.
Bertolino, P., Montanvert, A. Multiresolution segmentation using the irregular pyramid 56770
Bertolissi, E., Preece, C. Assessment of real-time communications capabilities of network protocols in distributed systems 46713
Bertolo, M. *see* Coluzza, C. 2242
Bertolotti, M., Dorogan, V., Liakhou, G., Li Voti, R., Paoloni, S., Sibilia, C. New photothermal deflection method for thermal diffusivity measurement of semiconductor wafers 48978
Bertolotti, M., Li Voti, R., Marchetti, S., Sibilia, C. Interaction of soliton-like beam in a diffusive nonlinear planar waveguide 14371
Bertolotti, M., Li Voti, R., Paoloni, S., Sibilia, C., Liakhou, G.L. Surface deformation measurement by photothermal deflection technique 17797
Bertolotti, M., Li Voti, R., Paoloni, S., Sibilia, C., Liakhou, G.L. Contactless temperature measurements by optical beam deflection method 17857
Bertolotti, M., Li Voti, R., Paoloni, S., Sibilia, C., Liakhou, G.L. Local surface deformation analysis by photothermal method 21395
Bertolotti, M. *see* Fazio, E. 7636
Bertolotti, M. *see* Fazlo, E. 14382
Bertolotti, M. *see* Maciulli, P. 43996
Bertolotti, M. *see* Montenero, A. 831
Bertolotti, N. *see* Ramadan, W.A. 7634
Bertolucci, E., Conti, M., Grossi, G., Madonna, G., Mancini, E., Russo, P., Caria, M., Randaccio, P., Del Guerra, A., Gambaccini, M., Marchesini, R., Marziani, M., Taibi, A., Beccherle, R., Bisogni, M.G., Bottigli, U., Fantacci, M.E., Rosso, V., Stefanini, A., Tripiccione, R., Amendolia, S.R. Autoradiography with silicon strip detectors 37628
Bertomeu, J. *see* Peiro, D. 48930
Berton, A., Fetter, P., Regel-Brietzmann, P. Treatment of compounds in speech recognition systems with large vocabulary 34666
Bertoncello, R. *see* Gonella, F. 3954
Bertone, D., Bricconi, A., Fang, R.Y., Greborio, L., Magnetti, G., Meliga, M., Paoletti, R. MOCVD regrowth of semi-insulating InP and p-n junction blocking layers around laser active stripes 52658
Bertoni, A. *see* Albertri, M.A. 53496
Bertoni, H.L., Seongcheol Kim, Honcharenko, W. Review of in-building propagation phenomena at UHF frequencies 4264
Bertoni, H.L. *see* Dongsoo Har 47769
Bertoni, H.L. *see* Piazzi, L. 47735
Bertoni, R. *see* Angino, G. 48115
Bertoni, S. *see* Ghislotti, G. 54273
Bertonnaud, S. *see* Van Rijs, F. 21922
Bertot, J.C. *see* Beachboard, J.C. 57708
Bertotti, G. *see* Basso, V. 3086
Bertotti, G. *see* Lo Bue, M. 23301
Bertozzi, M., Broggi, A. Real-time lane and obstacle detection on the GOLD system 25772
Bertozzi, M., Broggi, A., Castelluccio, S. A real-time oriented system for vehicle detection 46162
Bertozzi, M., Broggi, A., Fascioli, A. A stereo vision system for real-time autonomous obstacle detection 57442
Bertram, F. *see* Heinrichsdorff, F. 40651
Bertram, H.N. *see* Chang, J.J.K. 3201
Bertram, H.N. *see* Chang, J.J.K. 32831
Bertram, H.N. *see* Dan Wei 32860
Bertram, H.N. *see* Lin, G.H. 32841
Bertram, H.N. *see* Yamamoto, S.Y. 32832
Bertram, H.N. *see* Yun Zhang 43696
Bertram, R.A. *see* Diogu, K.K. 1155
Bertram, R.R. *see* Daida, J.M. 18891
Bertran, E. *see* Andujar, J.L. 858
Bertrand, D. *see* Chtioui, Y. 25540
Bertrand, G., Everat, J.-C., Couprie, M. Topological approach to image segmentation 4998
Bertrand, G. *see* de Albuquerque Araujo, A. 35265
Bertrand, G. *see* Everat, J.-Ch. 57490
Bertrand, J., Bertrand, P. Radar imaging of three-dimensional targets in the laboratory 8370
Bertrand, J., Bertrand, P. Weyl-Galileo transformations and related Wigner function 45774
Bertrand, J.-C. *see* Ben Hmida, F. 56495
Bertrand, L. Symbolic computation of hyperelliptic integrals and arithmetic in the Jacobian 30627
Bertrand, M. *see* Cheriet, F. 49438
Bertrand, P. *see* Bertrand, J. 8370
Bertrand, P. *see* Bertrand, J. 45774
Bertrand, P. *see* Dufour, F. 45826
Bertrand, P. *see* Lalande, G. 20009
Bertrand, P. *see* Ramenah, H. 13563
Bertrand, V., Lalande, M., Jecko, B. Radiation of exponentially tapered coplanar stripline antennas used in coherent microwave transient spectroscopy technique 34179
Bertrand, Y. *see* Renovell, M. 2768
Bertrand, Y. *see* Renovell, M. 21616
Bertsch, A. *see* Ballandras, S. 32576
Bertsch, A. *see* Zissi, S. 54535
Bertsch, J.E. *see* Bernstein, K. 11478
Bertsch, J.E. *see* Miles, G.L. 42620
Bertsche, G., Clauss, W., Kern, D.P. Surface modifications of $YBa_2Cu_3O_{7-\delta}$ thin films using a STM in air and in UHV 43754
Bertsimas, D., Gamarnik, D., Tsitsiklis, J.N. Stability conditions for multiclass fluid queueing networks 403
Bertuccio, G., Cordoni, M., Fasoli, L., Sampietro, M. Low-power low-noise BJT amplifier for nuclear applications 59339
Bertuccio, G., Fasoli, L., Sampietro, M. Stability of amplification in detectors with integrated electronics 37497
Bertuccio, G., Pullia, A., De Geronimo, G. Criteria of choice of the front-end transistor for low-noise preamplification of detector signals at sub-microsecond shaping times for X- and γ-ray spectroscopy 37493
Bertuccio, G., Pullia, A., Lauter, J., Forster, A., Luth, H. Pixel X-ray detectors in epitaxial gallium arsenide with high-energy resolution capabilities (Fano factor experimental determination) 37575
Bertuccio, G., Pullia, A., Nava, F., Lanzieri, C. Schottky junctions on semi-insulating LEC gallium arsenide for X- and γ-ray spectrometers operated at and below room temperature 59208
Bertuccio, G. *see* Nava, F. 59213
Bertuccio, G. *see* Nava, F. 59280
Bertuccio, G. *see* Pullia, A. 37300
Bertus, K., de la Motte, P.-W., Knopf, O. DN 1600 controlled tube propulsion for cable links under the Rhine 38399
Bertz, A., Markert, M., Gessner, T. Halogen based copper RIE–influence of the material characteristics and deposition processes 42602
Bertz, A. *see* Markert, M. 42705
Bertz, A. *see* Torres, J. 12805
Berut, J.-P., Mittelmann, H.D. Matrices for the direct determination of the barycentric weights of rational interpolation 40144
Beruto, D.T. *see* Botter, R. 58893
Berven, C. *see* Smith, J.C. 12478
Berven, C. *see* Wybourne, M.N. 32466
Berwald, D.H., Mendelsohn, S.S., Myers, T.J., Paulson, C.C., Peacock, M.A., Piaszczyk, C.M., Rathke, J.W., Piechowiak, E.M. Parametric study of emerging high power accelerator applications using accelerator systems model (ASM) 49106
Berwick, K., Brozel, M.R., Buttar, C.M., Pooni, J.S., Sellin, P.J., Young, S.M. Correlation of the charge collection efficiency of GaAs particle detectors with material properties 37306
Berzen, B.Von *see* Von Berzen, B.
Berzhavin, O.M., Smol'nikov, V.L. The stability of pulse-width-modulated DC-to-DC power convertors for the continuous mode operation 9355
Berzina, T. *see* Sartore, M. 58867
Berzina, T.S. *see* Troitsky, V.I. 828
Bes de Berc, J.-S. *see* Rosala, F. 3322
Besancon, R., Dufrane, P., Solignac, S., Rammal, M., Jecko, B. Performances of sequentially rotated microstrip antenna sub-arrays generating circular polarization 34392
Besanger, Y. *see* Passelergue, J.-C. 19279
Besant, C. *see* Makatsoris, C. 30150
Besarab, P.N. Computational complexity of integrating ordinary differential equations 30632
Besch, H. *see* Gauthier, C. 59190
Beschastnov, P.M. *see* Anashin, V.V. 36549
Bescos, J., Martinez, J.M., Cisneros, G. Traffic analysis on multimedia data services 16400
Bescos, J., Martinez, J.M., Cisneros, G. From multimedia stream models to GUI generation 47340
Bescos, J. *see* Martinez, J.M. 47341
Besenhard, J.O. *see* Yang, J. 29563
Besenyei, P. *see* Lelkes, A. 39282
Beser, J. Integrated GPS/GLONASS user equipment 7011
Besesty, P. *see* Fulbert, L. 4161
Besesty, P. *see* Nerin, P. 44417
Besesty, P. *see* Thony, P. 3895
Beshears, D.L. *see* Cates, M.R. 7671
Beshkov, G. *see* Lasarova, V. 23260
Beshlin, V.S., Kantser, V.G., Hunteanu, H.I., Beshliu, V.V., Batrinoea, A.G. Gauge and differential pressure transducers with monolithic integrated silicon piezoresistive sensor-for an extensive temperature range 48481
Beshliu, V.V. *see* Beshlin, V.S. 48481
Beske, E.U., Rahn, A. Optimization of heat transfer in full forced convection reflow soldering 22055
Beskurnikov, A.Y. *see* Goncharov, I.G. 58783
Besnier, G., Laclare, J.L., Limborg, C. Stability criterion for intense electron bunches in an inductive turbulent regime 18001
Bespalov, N.N., Geifman, E.M. Switching on thyristors from the control circuit 40876
Bespalov, V. *see* Krylov, V. 24118
Bespalov, V. *see* Krylov, V. 33651
Bespalova, M.B. *see* Trifonov, A.P. 7643
Bess, R., Paulus, D., Niemann, H. 3D recovery using calibrated active camera 57452
Bessais, B., Ezzaouia, H., Elhouichel, H., Oueslati, M., Bennaceur, R. Correlation of photoluminescence spectra and structure of porous silicon 12207
Besse, P.-A., Melchior, H. All-optical switches based on Mach-Zehnder configuration with improved extinction ratios 24098
Besse, P.-A. *see* Holtmann, Ch. 23814
Besse, P.A. *see* Popovic, R.S. 7309
Bessenrodt-Weberpals, M. *see* Cho, T. 37568
Besser, L., Frobenius, R. RF/microwave amplifier design 11198
Besser, P.R. *see* Brown, D.D. 42744
Bessette, L.A. *see* Novak, L.M. 6942
Bessette, L.A. *see* Toups, M.F. 8656
Bessette, N.F., George, R.A. Performance and reliability of Westinghouse's air electrode supported solid oxide fuel cell at atmospheric and elevated pressures 51523
Bessettes, V., Desachy, J., Cubero-Castan, E. Applying co-operative operators for urban area detection using SPOT imagery 46387
Bessho, N. *see* Nishikawa, M. 23598
Bessho, Y. *see* Itagaki, M. 30267
Bessho, Y. *see* Itagaki, M. 52205
Bessiere, P. *see* Talbi, E.-G. 470
Bessis, D., Mantica, G., Mezincescu, G.A., Vrinceanu, D. Electron wave filters from inverse scattering theory 42207
Bessis, D. *see* Balian, R. 2100
Bessler, U., Schempp, A., Sieber, T., Klabunde, J., Spadtke, P. Experiments with heavy-ion beams and RF-tests with the 27 MHz high-current Spiral-RFQ-prototype 37102
Bessmeltsev, V.P., Burnashov, V.N. The wide-band electronic block of laser interferometric system for measurements of quick-changing angle of scanner rotor rotation 58691
Bessmerthnikh, N.A. *see* Moschinskii, Y.A. 51013
Bessmertnkh, N.A. *see* Moshchinskii, Yu.A. 29316
Bessmertnykh, N.A. *see* Kopylov, I.P. 19735
Bessolo, J.A. *see* Ngo, A.D. 8705
Bessolov, V.N., Konenkova, E.V., Lebedev, M.V. The role of the efficiency of formation of a sulfide coating in the electronic passivation of a GaAs surface 12709
Bessolov, V.N., Konenkova, E.V., Lebedev, M.V. A comparison of the effectiveness of GaAs surface passivation with sodium and ammonium sulfide solutions 41923
Bessolov, V.N., Konenkova, E.V., Lebedev, M.V. Solvent effect on the properties of sulfur passivated GaAs 54441
Besson, G. CT fan-beam parametrizations leading to shift-invariant filtering 18319
Besson, J.M., Bellaiche, L., Kunc, K. Second-order pretransitional effects in the high pressure phase transition of indium nitride 22248
Besson, J.M., Grima, P., Gauthier, M., Itie, J.P., Mezouar, M., Haeusermann, D., Hanfland, M. Pretransitional behavior in zincblende HgTe under high pressure and temperature 22246
Besson, O., Galtier, F. Estimating particles velocity from laser measurements: maximum likelihood and Cramer-Rao bounds 16975

Besson, O., Stoica, P. Estimation of the parameters of a random amplitude sinusoid by correlation fitting 4653
Besson, O., Stoica, P. Estimating the parameters of a random amplitude sinusoid from its sample covariances 25107
Besson, P. *see* Aleksan, R. 59201
Besson, R.J., Boy, J.J., Deyzac, F. Acceleration sensitivity of BVA resonators 13335
Besson, R.J., Boy, J.J., Mourey, M., Ferre-Pikal, E.S., Walls, F.L. Phase noise limitation due to amplitude frequency effects in state-of-the-art quartz oscillators 13373
Besson, R.J., Mourey, M., Galliou, S., Guillemot, Ph. Phase noise figures comparison in transistor amplifiers of different types [for quartz oscillator signal stability] 31128
Besson, R.J. *see* Boy, J.J. 23265
Besson, R.J. *see* Guzzo, P.L. 23279
Bessone, L. *see* Nespoli, P. 28591
Bessonov, E.G. *see* Shibata, Y. 44325
Best, M.E. *see* Terris, B.D. 22629
Best, W.S., Riegert, R.J., Goodrich, L.C. Analytical dispersion analysis of loaded periodic circuits using the generalized scattering matrix 14689
Bestaoui, Z. *see* Levagueresse, F. 60909
Bestavros, A. WWW traffic reduction and load balancing through server-based caching 57900
Beste, L. *see* Kattner, R. 43179
Bestel, E.F., Stoving, P.N. Axial magnetic field interrupters in autorecloser applications 28885
Bester, J. Optimization of asymmetrical broadband telecommunication network 35780
Bester, J. *see* Pehani, B. 16157
Besterfield-Sacre, M., Atman, C.J., Shuman, L.J., Porter, R.L., Felder, R.M., Fuller, H. Changes in freshman engineers' attitudes–a cross institutional comparison: what makes a difference? 20473
Besuijen, J. *see* Spenkelink, G.P.J. 17652
Bet, R. *see* Fischer, B. 22858
Betancourt, J. *see* Brown, B. 7208
Beten'kova, A.Ya. *see* Kim, P.D. 3182
Betev, B.L. *see* Adam, A. 37280
Betge-Brezetz, S. *see* Hebert, P. 15272
Beth, T. *see* Klappenecker, A. 21813
Beth, T. *see* Pellizzari, T. 13750
Bethe, C.G. *see* Fang, W. 23922
Bethea, C. *see* Tanbun-Ek, T. 55691
Bethea, C.G. *see* Fang, W. 33499
Bethea, M.D. *see* Crouser, P.D. 36976
Bethge, H. *see* Koehler, U. 40590
Bethge, K. *see* Romberg, D. 37822
Bethscheider, G., Giannandrea, J., Schafer, W. Frequency and time dissemination using spread-spectrum coded signals transmitted via direct-TV broadcasting satellites 36933
Betin, A.A., Mangir, M.S. Q-switched Nd:YAG loop laser with a thermal holographic mirror 33594
Betin, A.A. *see* Matthews, S.C. 33687
Betin, A.A. *see* Rockwell, D.A. 24058
Betin, F., Deloizy, M., Goeldel, C. Comparison of fuzzy logic and classical speed control of a step motor drive 60820
Betin, F., Nuzzo, L., Goeldel, C. On line identification of mechanical parameters of a step motor drive. Application at the adaptive control 61172
Betke, M., Gurvits, L. Mobile robot localization using landmarks 48901
Betke, M., Haritaoglu, E., Davis, L.S. Multiple vehicle detection and tracking in hard real-time 25775
Beton, P.H. *see* Itskevich, I.E. 22900
Betoni, D. *see* Ambrogiani, M. 59219
Betser, J. SNMP/MBD hybrid network management 35603
Betser, Y., Cohen, G.M., Ritter, D. Heavy doping of GaInAs by metalorganic molecular beam epitaxy for microwave applications 12634
Betsudan, S. *see* Yoneda, N. 45348
Bett, A.W., Keser, S., Stollwerck, G., Sulima, O.V., Wettling, W. GaSb-based (thermo)photovoltaic cells with Zn diffused emitters 38993
Betta, G., Bernieri, A., Pietrosanto, A. Fault detection and isolation in automatic measurement stations 60780
Betta, G. *see* Bernieri, A. 58614
Betta, G.E.Dalla *see* Dalla Betta, G.E.
Betta, G.F.Dalla *see* Dalla Betta, G.F.
Bettag, M. *see* Kahn, T. 7927
Bettagli, N. *see* Ribeiro Gallo, W.L. 38619
Bettayeb, M. *see* Abdel-Magid, Y.L. 38277
Bettayeb, M. *see* Zerguine, A. 4877
Bettayeb, M. *see* Zerguine, A. 57557
Bettega, E. *see* Herve, P. 41307
Bettenhausen, M.H., Scharer, J.E., Booske, J.H., Armstrong, C.M. Theoretical and computational characterization of multi-tone helix traveling wave tubes 12112
Bettenhausen, M.H. *see* Kelly, K.L. 4275
Bettens, E., Scheunders, P., Sijbers, J., Van Dyck, D., Moens, L. Automatic segmentation and modelling of two-dimensional electrophoresis gels 59374
Bettens, R.P.A. *see* Petkie, D.T. 48372
Bettermann, D., Hinderthur, H., Muller, J.H., Peng, J.L., Rieger, V., Ruschewitz, F., Sengstock, K., Sterr, T., Ertmer, W. An optical frequency standard using laser-cooled and thermal Mg atoms 27228
Bettermann, D., Mueller, J.H., Peng, J.L., Rieger, V., Ruschewitz, F., Sengstock, K., Sterr, U., Ertmer, W. Laser cooled Mg atoms for an optical frequency standard 7138
Bettermann, H., Engelke, P., van Leewen, P., Heckmann, C. Determination of respiratory rate on the basis of respiratory sinus arrhythmia 59595
Betti, P. *see* Pollard, B. 32107
Betti, S., Bravi, E., Giaconi, M. Statistical analysis of clipping filtered impulsive noise 6731
Betti, S., Bravi, E., Giaconi, M. Effect of the turn-on delay of a semiconductor laser on clipping impulsive noise 26705
Betti, S., Bravi, E., Giaconi, M. Analysis of distortion effects in subcarrier-multiplexed (SCM) externally modulated lightwave systems: a generalized approach 26710
Betti, S. *see* Aureli, G. 47910
Bettin, H., Glaser, M., Spieweck, F., Toth, F., Sacconi, A., Peuto, A., Fujii, K., Tanaka, M., Nezu, Y. International intercomparison of silicon density standards 27220
Bettin, H. *see* Martin, J. 27199
Betting, F. *see* Feldmar, J. 59390
Bettini, P., De Lorenzi, A. Misfiring protection and monitoring of the RFX toroidal circuit ignitron crowbar 60866
Betts, A.E., Airs, J. The effect of various modulation schemes on digital fixed links 35916
Betts, D.C. *see* Meniconi, M. 53110
Betts, G. *see* Roussell, H. 26706
Betts, G.E., O'Donnell, F.J., Ray, K.G., Lewis, D.K., Bossi, D.E., Kissa, K., Drake, G.W. Reflective linearized modulator 44077
Betts, G.E. *see* Donnelly, J.P. 3831
Betts, G.E. *see* Donnelly, J.P. 14195
Betts, R. Broadband intelligent networking: evolution of service control 26291
Betts, S.E. *see* Taggart, D.P. 49359
Betts, W., Bieser, F., Bossingham, R., Botlo, M., Cherney, M., Chrin, J., Colarco, P., Crawford, H., Diaz, H., Dao, K., Greiner, D.E., Greiner, L., Hjort, E.L., Jacobson, S., Jared, R.C., Judd, E., Klein, S.R., Lebedev, A.N., LeVine, M.J., Lindenstruth, V., Lisa, M.A., Marks, K., McParland, C., McShane, T.S., Meier, J., Nguyen, M.T., Olson, D.L., Sakrejda, I., Schambach, J., Scheetz, R.A., Stone, N.T.B., Tull, C.E., Visser, G., Vu, C., Wieman, H., Yee, E. Results from the STAR TPC system test 59222
Betts, W. *see* Wieman, H. 59275
Betty, C. *see* Li, Z. 8395
Betty, C.L., Fung, A.K., Irons, J. The measured polarized bidirectional reflectance distribution function of a Spectralon calibration target 8394
Betz, G. *see* Aberle, A.G. 39012
Betz, R. A new approach to multi-spindle drilling of printed circuit boards 1815
Betz, R.E. *see* Broadfoot, A.R. 39478
Betz, R.E. *see* Broadfoot, A.R. 39485
Betz, R.E. *see* Broadfoot, A.R. 39488
Betz, R.E. *see* Jovanovic, M.G. 29691
Betz, R.E. *see* Sandholdt, P. 9633
Betz, R.R. *see* Akers, J.M. 18499
Betz, R.R. *see* Smith, B.T. 18536
Betz, T. Measurements on hearing aids with Audio Analyzers UPD and UPL 7106
Betz, T. Simulation of reignition processes of vacuum circuit breaker in series 29492
Betz, T., Koenig, D. Fundamental studies on vacuum circuit breaker arc quenching limits using a synthetic test circuit 29466
Betz, V., Rose, J. Directional bias and non-uniformity in FPGA global routing architectures 11368
Betzer, T. *see* Eastham, J.F. 51034
Betzler, K. *see* Woehlecke, M. 4045
Betzos, G.A., Mitkas, P.A. 3D optoelectronic computer architectures for the conjugate gradient and multigrid benchmark algorithms 13759
Betzos, G.A. *see* Hutton, J.F. 32987
Beukeleer, M.De *see* De Beukeleer, M.
Beukers, J. *see* de Bruin, A. 26064
Beulen, K., Bransch, E., Kramer, M., Ney, H. State-tying for context-sensitive phoneme models 34669
Beulque, M. A comparison of two types of adhesiveless flexible circuit materials 11979
Beus, S.E. *see* Ruf, C.S. 50057
Beuscher, H.J. *see* Bankapur, R.J. 16431
Beute, N. *see* Lane, I.E. 20254
Beutel, R. *see* Loup, M. 19537
Beuthan, J. *see* Muller, G. 59527
Beuthner, T. Computer simulation of television studio lighting 58557
Beutler, D.E. *see* Garth, J.C. 22955
Beutler, D.E. *see* Schwank, J.R. 28553
Beutler, G. *see* Baeriswyl, P. 36936
Beutler, U., Ehrmann, O., Engelmann, G., Zakel, E., Reichl, H. Improvement of thermocompression ILB reliability by application of an appropriate passivation layer and pad design 22092
Beuttenmueller, R. *see* Pandey, S.U. 37293
Beuttenmuller, R. *see* Bellwied, R. 59284
Beuven, S. *see* Pivarc, J. 43810
Bevacqua, R., Ferrandi, F., Fummi, F., Guerrazzi, L. Implicit test sequences compaction for decreasing test application cost 1057
Bevan, M.J., Duncan, W.M., Westphal, G.H., Shih, H.D. In situ sensors for monitoring and control in molecular beam epitaxial growth of $Hg_{1-x}Cd_xTe$ 707
Bevan, M.J., Shih, H.D., Liu, H.Y., Syllaios, A.J., Duncan, W.M. Growth of high quality ZnSe on closely lattice-matched InGaAs substrates by metal organic chemical vapor deposition 40465
Bevan, M.J. *see* Benson, J.D. 21287
Bevan, M.J. *see* Chen, M.C. 3593
Bevan, M.J. *see* Duncan, W.M. 30805
Bevensee, B. *see* Arai, Y. 37267
Bevensee, B. *see* Arai, Y. 37268
Beveridge, J.R. *see* Stevens, M.R. 5280
Beveridge, J.R. *see* Stevens, M.R. 25635
Bevilacqua, G. *see* Wong, S. 59658
Bevilacqua, L.R.M. *see* Hartmann, G.K. 8419
Bevilacqua, P. *see* Fazio, E. 7636
Bevins, B. *see* Arenius, D. 37000
Bevins, B.S., Chronis, W.C., Keesee, M.S. Automatic pumpdown of the 2 K cold compressors for the CEBAF Central Helium Liquefier 37004
Bevins, B.S. *see* Chronis, W.C. 37001
Bevins, B.S. *see* Keesee, M.S. 37002
Bevirt, J. *see* Yamazaki, K. 20445
Bevk, J., Furtsch, M., Georgiou, G.E., Hillenius, S.J., Schielein, D., Schiml, T., Silverman, P.J., Luftman, H.S. RTA processing of W-polycide dual-gate sub-micron structures for low-voltage CMOS technology 22973
Bevk, J. *see* Bhaumik, K. 2633
Bevk, J. *see* Schiml, T. 22974
Bewsher, A. *see* Zwinkels, J.C. 36945
Bey, D.-M. *see* Elton, R.C. 33199
Beyar, R. *see* Lessick, J. 18300
Beyar, R.P. *see* Palti-Wasserman, D. 28243
Beydoun, B., Tranduc, H., Rossel, P., Charitat, G., Morancho, F. Determination of static and dynamic performance of silicon carbide power MOSFET devices 43034
Beye, A.C. *see* Harada, K. 12700
Beyene, W. *see* Yinchao Chen 39817
Beyene, W.T., Schutt-Aine, J.E. Efficient transient simulation of high-speed interconnects characterized by sampled data 43237
Beyer, A. *see* Jour, B. 38766
Beyer, E. *see* Seidel, B. 20274
Beyer, E. *see* Wehner, M. 2452
Beyer, G.H. Recycling techniques in the PCB-industry 11932
Beyer, H. *see* Hensel, W. 60459
Beyer, H.G., Langer, C. A method for the identification of configurations of PV/wind hybrid systems for the reliable supply of small loads 50858
Beyer, J. *see* Morshuis, P. 43450
Beyer, R., Burghardt, H., Reich, R., Thomas, E., Grambole, D., Herrmann, F., Scholz, T., Albrecht, J., Zahn, D.R.T., Gessner, T. Trapping behaviour of thin siliconoxynitride layers prepared by rapid thermal processing 43228
Beyer, R. *see* Proesch, G. 40477
Beyer, R.E. Industrial diagnostics and materials applications [laser materials processing] 20841
Beyer, T. *see* Furstenau, N. 49952
Beyer, W. New insights into processes of hydrogen incorporation and hydrogen diffusion in hydrogenated amorphous silicon 41861
Beyer, W. *see* Edelman, F. 12307
Beyerer, J. A method for assessing the worth of prior knowledge about the measurand 36358
Beyerlein, M. *see* Dresel, T. 14458
Beyerlein, S. *see* Carroll, S. 20506
Beyette, F.R., Jr., Stanko, P.J., Hayes, E.M., Snyder, R.D., Feld, S.A., Mitkas, P.A., Wilmsen, C. An optoelectronic recirculating sorter based on CMOS/vertical cavity surface emitting laser smart pixel arrays; architecture and system demonstration 23711
Beyette, F.R., Jr. *see* Stanko, P.J. 33181
Beylar, J.-L., Bayart, D., Clesca, B., Desthieux, B.M. Flat gain optical fiber amplifier for WDM networks 26821
Beylat, J.-L., Bayart, D., Clesca, B., Desthieux, B.M. Flat-gain fibre optical amplifiers for WDM networks 23815
Beylat, J.-L. *see* Chbat, M.W. 36170
Beylat, J.-L. *see* Cortes, P.-Y. 14158
Beylat, J.-L. *see* Desthieux, B.M. 6855
Beylat, J.L. *see* Jourdan, A. 26441
Beylen, F.Van *see* Van Beylen, F.
Beylkin, G. *see* Keiser, J.M. 25174
Beylot, A.L. *see* Douillet, P.L. 52425
Beyne, E., Christiaens, F., Vandevelde, B., Roggen, J., Van Puymbroeck, J., Boone, L., Heerman, M. The polymer stud grid array package 52261
Beyne, E. *see* Truzzi, C. 22108
Beynnon, B. *see* Huston, D.R. 18533
Beynon, J. *see* Nehra, D. 49403
Beynon, T.D. *see* Chittock, R.S. 31640
Beynon, T.D. *see* Kuridan, R.M. 29020
Beynon, T.D. *see* Kuridan, R.M. 29021
Bez, R. *see* Cappelletti, P. 31259
Bez, R. *see* Ghetti, A. 43019
Bez, R. *see* Perron, L. 54817
Bez, R. *see* Selmi, L. 43018
Bez, R. *see* Villa, S. 43022
Bezaguet, A., Casas-Cubillos, J., Flemsaeter, B., Gaillard-Grenadier, B., Goiffon, T., Guinaudeau, H., Lebrun, P., Marquet, M., Serio, L., Suraci, A., Tavian, L., van Weelderen, R. The superfluid helium cryogenic system for the LHC test string: design, construction and first operation 49013
Bezborodov, V. *see* Kohns, P. 13719

Bezborodov, V.S., Dabrowski, R., Petrov, V.F., Lapanik, V.I. Synthesis and properties of some laterally substituted liquid crystals 13718
Bezdenejnykh, N.A. *see* Santiago-Prowald, J. 17245
Bezemer, J. *see* Meiling, H. 39153
Bezemer, J. *see* Van Sark, W.G.J.H.M. 41828
Bezencenet, G. *see* Pissaloux, E. 35008
Bezencenet, G. *see* Pissaloux, E.E. 35006
Bezerianos, A., Brikou, A., Alexopoulos, D., Sindoukas, D., Lontis, R. On-line monitoring of the heart rate variability spectral parameters of patients after myocardial infarction in intensive coronary unit 49632
Bezerianos, A., Munteanu, A., Cristea, P., Alexopoulos, D. A new quantization algorithm for a wavelet compression scheme of coronary angiograms 49476
Bezerianos, A., Popescu, M., Laskaris, N., Manolis, A., Hiladakis, I., Stathopoulos, C., Cristea, P. Selective noise filtering of high resolution ECG through wavelet transform 49680
Bezerianos, A. *see* Papadimitriou, S. 6448
Bezerianos, A. *see* Papadimitriou, S. 24647
Bezerra, F. *see* Velazco, R. 21846
Bezivin, J. The Osmosis path to method unification [software development] 5902
Bezlepkin, V.V. *see* Afrov, A.M. 29036
Bezliudko, G. *see* Riabov, V. 27892
Bezotosnyi, V.V. *see* Adlivankin, A.S. 14163
Bezrodny, V.G., Ponomarenko, P.V., Yampolski, Y.M. Application of polarimetric sounding to HF ionospheric remote sensing 38061
Bezrodnyi, V.I., Derevyanko, N.A., Ishchenko, A.A., Karabanova, L.V., Plisko, T.A., Slominskii, Yu.L., Smirnova, A.L. Absorption filters based on polymethine dyes for protection from laser radiation with a wavelength of 1060 nm 23638
Bezuglov, D.A., Mishchenko, E.N. Optimum estimation of local tilts of the phase front in a Hartmann sensor against the background of Poisson noise 7351
Bezuglov, M.P. *see* Akimov, V.A. 28024
Bezzon, G. *see* Dainelli, A. 49138
Bezzon, G. *see* Lombardi, A. 37117
Bezzubov, S.A. *see* Alekseev, I.V. 6245
Bezzubov, V. *see* Antipov, Yu. 37233
Bhagath, S. *see* Kleyner, A. 52151
Bhagavath, V.K. Open technical issues in provisioning high-speed interactive data services over residential access networks 35834
Bhagavath, V.K., Swaminathan, V. Channel capacity estimation for upstream QPSK data transmission using low-cost Fabry-Perot lasers in hybrid fiber-coax networks 17080
Bhagavatula, V.A. *see* Yanming Liu 13597
Bhagvat, S. *see* Atluri, V. 12736
Bhagwat, K.V., Chaddah, P. New theoretical designs for dipole magnets 55133
Bhalla, A. *see* Sopko, J. 7525
Bhalla, A.S. *see* Byung-Moon Jin 54945
Bhalla, A.S. *see* Wang, J.F. 23180
Bhalla, A.S. *see* Yamakawa, K. 32659
Bhalla, R., Hao Ling Three-dimensional scattering center extraction using the shooting and bouncing ray technique 6876
Bhan, R.K., Koul, S.K., Basu, P.K. Analysis of the ideality factor in surface leaky HgCdTe photodiodes for the long-wavelength infrared region 55427
Bhan, R.K., Koul, S.K., Dhar, V., Gupta, S. Identification of trap-assisted tunnelling in a constant-current mode in HgCdTe photodiodes 13854
Bhandakar, S.M., Huaiyuan Yu VLSI implementation of real-time image rotation 53346
Bhandari, D., Murthy, C.A., Pal, S.K. Genetic algorithm with elitist model and its convergence 52524
Bhandari, R. A model for stream overflows in circuit-switched communication networks 46612
Bhandarkar, D., Ding, J. Performance characterization of the Pentium Pro processor 31306
Bhandarkar, N., Lim Thiam Beng Low-stress leadframe design for plastic IC packages 204
Bhandarkar, S., Faust, T.D., Tang, M. A system for detection of internal log defects by computer analysis of axial CT images 25481
Bhanu, B., Symosek, P., Das, S. Analysis of terrain using multispectral images 56700
Bhanu, B. *see* Yong-Jian Zheng 15531
Bhanu, B. *see* Yong-Jian Zheng 25497
Bhanu Bir *see* Bir Bhanu
Bhanu Prakash, M.R., Chandrasekharaiah, H.S. An object oriented perspective for AC/MTDC system simulation 60286
Bhanuprakash *see* Dinesh, M.S. 18245
Bhar, G.C., Chatterjee, U., Rudra, A.M., Chaudhury, A.K. Dispersion-matched up-conversion of infrared radiation in a beta barium borate crystal 44629
Bharadwaj, R.M., Prabhakar, B.R. Effect of humidity on the breakdown of air gaps under oscillatory switching impulse voltages 8969
Bharath, A.A. *see* Ahmadian, A. 25609
Bhardway, A. *see* Lindroth, A. 8856
Bhardway, A. *see* Lindroth, A. 8857
Bhargava, R. *see* Salmon, J.C. 19854
Bhargava, R. *see* Salmon, J.C. 20133
Bhargava, V.K. *see* Bigloo, A.M.Y. 16541
Bhargava, V.K. *see* Fair, I.J. 24745
Bhargava, V.K. *see* Freiberg, L. 16608
Bhargava, V.K. *see* Gulliver, T.A. 4507
Bhargava, V.K. *see* Gulliver, T.A. 24740
Bhargava, V.K. *see* Kerr, R.W. 56249
Bhargava, V.K. *see* Won-Sik Youn 16062
Bhargava, V.K. *see* Won-Sik Youn 16607
Bhargava, V.K. *see* Yashima, H. 16540
Bharghavan, V. *see* Dwyer, D. 26566
Bhasale, R. *see* Horvat, J. 23394
Bhasale, R. *see* Jin, J.X. 43849
Bhasale, R. *see* Jin, J.X. 50640
Bhasale, R. *see* Liu, H.K. 55083
Bhasavanich, D., daSilva, T., Ford, R., Gilman, C.M., Nielsen, K., Shaw, R., Rohr, P.R. Demonstration of a modular, repetitive-fired 1/4-MJ PFN for ETC guns 33878
Bhasavanich, D. *see* Hammon, J. 51263
Bhasin, K.B. *see* Lin, S.C. 53632
Bhasin, K.B. *see* Sabataitis, J.C. 41407
Bhasin, K.B. *see* Winters, M.D. 43750
Bhaskar, N.D., White, J., Mallette, L.A., McClelland, T.A., Hardy, J. A historical review of atomic frequency standards used in space systems 17165
Bhaskar, N.D. *see* Bloch, M. 28537
Bhaskar, N.D. *see* McClelland, T. 27822
Bhaskaran, M. *see* Ren, F. 22589
Bhaskaran, M. *see* Ren, F. 54457
Bhaskaran, S., Riedel, J.E., Synnott, S.P. Autonomous optical navigation for interplanetary missions 59873
Bhaskaran, V., Atanasova, P., Hampden-Smith, M.J., Kodas, T.T. Characteristics of Cu-Pd films grown by simultaneous chemical vapor deposition from metalorganic precursors 40638
Bhaskaran, V. *see* Atanasova, P. 42714
Bhaskaran, V. *see* Atanasova, P. 54500
Bhaskaran, V. *see* Hans, M.C. 56345
Bhaskaran, V. *see* Merhav, N. 25429
Bhaskaran, V. *see* Merhav, N. 25448
Bhaskaran, V. *see* Shen, B. 57358
Bhat, C.L. *see* Kaul, S.K. 48466
Bhat, H.L. *see* Dutta, P.S. 12670
Bhat, I. *see* Ehsani, H. 10749
Bhat, I. *see* Ehsani, H. 32968
Bhat, I. *see* Hongqiang Lu 10896
Bhat, I. *see* Hongqiang Lu 42590
Bhat, I. *see* Hongqiang Lu 52725
Bhat, I.B., Borrego, J.M., Gutmann, R.J., Ostrogorsky, A.G. TPV energy conversion: a review of material and cell related issues 20077
Bhat, I.B. *see* Dakshina Murthy, S. 40345
Bhat, I.B. *see* Teisseyre, H. 22237
Bhat, J.C., Krishnakumar, T., Nayak, R.R., Salata, O.V., Hutchison, J.L., Dobson, P.J. Lead sulphide quantum-sized particles with absorption band onset in the near infra red 22501
Bhat, K. *see* Darwish, A. 24183
Bhat, K.N. *see* Chatterjee, S. 42388
Bhat, K.N. *see* Devnath, V. 32090
Bhat, K.N. *see* Rao, P.R.S. 22454
Bhat, K.N. *see* Sanghadasaa, M. 24217
Bhat, K.P.M., Anjaneyulu, L. Flexibility in clutter measurement system through microprocessor-based transceiver controller 6930
Bhat, N. *see* Subramanian, V. 42340
Bhat, R. *see* Amersfoort, M.R. 44511
Bhat, R. *see* Christenson, G.L. 36113
Bhat, R. *see* Ejeckam, F.E. 36554
Bhat, R. *see* Klotzkin, D. 55695
Bhat, R. *see* Lee, T.P. 58326
Bhat, R. *see* Soole, J.B.D. 26929
Bhat, R. *see* Soole, J.B.D. 48000
Bhat, R. *see* Yoo, S.J.B. 4032
Bhat, R. *see* Youtsey, C. 23642
Bhat, R. *see* Zah, C.E. 55630
Bhatacharya, P. *see* Keisterkamp, D.R. 25626
Bhatia, C.Singh *see* Singh Bhatia, C.
Bhatia, D. *see* Natesan, V. 40836
Bhatia, D. *see* Sankarasubramanian, V. 1766
Bhatia, D. *see* Shi, J. 53214
Bhatia, H.S. *see* Ahmad, U.M. 52231
Bhatia, K.L., Singh, P., Kishore, N. Optical characterization of ion beam induced disorder in semiconductors irradiated with heavy ions 54033
Bhatia, K.L. *see* Singh, M. 54115
Bhatia, K.L. *see* Singh, P. 54114
Bhatia, M., Karl, W.C., Willsky, A.S. Tomographic reconstruction and estimation based on multiscale natural-pixel bases 35300
Bhatia, P.K. On measures of information energy 45494
Bhatia, S., Gheewala, T., Varma, P. A unifying methodology for intellectual property and custom logic testing 41020
Bhatia, S. *see* Salon, S. 50994
Bhatia, V., D'Alberto, T., Murphy, K.A., Claus, R.O., Nemarich, C.P. Comparison of optical fiber long-period and Bragg grating sensors 7388
Bhatia, V. *see* Greene, J.A. 17402
Bhatia Rajan *see* Rajan Bhatia
Bhatmuley, S. *see* Fuqin Xiong 47619
Bhatnagar, A., Suresh Nair, K.R., Patro, Y.G.K. Effect of transition S-bends on switching performance of integrated optic reversed Δβ coupler switch 3436
Bhatnagar, A. *see* Ahmad, M. 33112
Bhatnagar, A. *see* Prasad, R.K. 1482
Bhatnagar, D. *see* Salem, A.M. 4355
Bhatnagar, M. *see* Bhatnagar, P.K. 51586
Bhatnagar, N. DFT computation using shift and addition operations 10579
Bhatnagar, P.K., Bhatnagar, M. MS'S–an alternative structure for MOS type solar cells 51586
Bhatnagar, P.S., Chikh, C., Mohdjoubi, K., Terret, C. Mutual coupling between multielement microstrip disc antennas in planer array 4391
Bhatnagar, P.S. *see* Naik, A. 4360
Bhatnagar, P.S. *see* Naik, A. 4390
Bhatnagar, R., Dixit, S.K., Shukla, P.K., Singh, B., Mittal, J.K. Advances in unstable resonator technology for pulsed metal vapor lasers 3922
Bhatnagar, R. *see* Dixit, S.K. 23763
Bhatnagar, R. *see* Ismaeel, A.A. 41089
Bhatnagar, R. *see* Ismaeel, A.A. 41090
Bhatnagar, S.K. *see* Kripesh, V. 1842
Bhatnagar, S.K. *see* Kripesh, V.P. 22077
Bhatnagar, V., Dragonette, R.A., Suter, J.J. Fiber-optic transmission line for the distribution of time and frequency reference signals 47954
Bhatnagar, V. *see* Seegar, W.S. 36286
Bhatnagar, Y.K., Nathan, A., Yong Lu New observations on pyramidal hillocks in the anisotropic etching of (100) silicon 13154
Bhatt, B.C. *see* Gundu Rao, T.K. 3592
Bhatt, D.P. *see* Udhayan, R. 29522
Bhatt, F.B. *see* O'Keefe, R.J. 50475
Bhatt, H.D. *see* Onishi, S. 43589
Bhatt, H.K., Prasad, V.S.V. Return loss of antenna and waveguide subsystem 58088
Bhatt, N.A. *see* Tong, D.T.K. 7552
Bhatt, R.K.P. *see* Sahambi, J.S. 28373
Bhattacharjee, A. *see* Pillay, P. 19042
Bhattacharjee, A.K. Semimagnetic semiconductor quantum dots 22365
Bhattacharjee, R. Guidelines direct the design of microstrip amps 41436
Bhattacharjee, S., Das, S., Saha, D., Chowdhury, D.R., Chaudhuri, P.P. A parallel architecture for video compression 56813
Bhattacharjee, S., Raghavendra, U., Chowdhury, D.R., Chaudhuri, P.P. An efficient encoding algorithm for image compression hardware based on cellular automata 15996
Bhattacharjee, S., Vasudevan, N. Energy efficiency considerations in the Indian foundry industry 20271
Bhattacharjee, S. *see* Moscheni, F. 56945
Bhattacharjee, S. *see* Reusens, E. 35192
Bhattacharrya, S. *see* Aytug, H. 10404
Bhattacharya, A. *see* Jain, A.K. 8082
Bhattacharya, A. *see* Mawst, L.J. 44551
Bhattacharya, A. *see* Mawst, L.J. 44565
Bhattacharya, A. *see* Syrbu, A.V. 3846
Bhattacharya, A. *see* Yang, H. 24011
Bhattacharya, A. *see* Yang, H. 55729
Bhattacharya, A.B. *see* Sridhar, V. 8149
Bhattacharya, A.K., Hartridge, A. The preparation of spinel ferrites with spherical morphology 820
Bhattacharya, A.K. *see* Jina, J. 9990
Bhattacharya, A.K. *see* Krishna, M.G. 55165
Bhattacharya, B. *see* Mitra, R.S. 53176
Bhattacharya, B.B. *see* Das, D.K. 53172
Bhattacharya, D., Antoniou, A. Design of IIR filters with arbitrary amplitude and phase responses by feedback neural networks 1616
Bhattacharya, D., Freeman, S., Lin, B. Optimizing test hardware for at-speed testing of datapaths in an integrated circuit 53092
Bhattacharya, D., Pillai, R., Antoniou, A. Classification of lidar waveforms by neural networks 8515
Bhattacharya, D. *see* Sankarayya, N. 53442
Bhattacharya, D.K. *see* Shakshin, N.I. 40724
Bhattacharya, D.P. *see* Ghorai, A.K. 2018
Bhattacharya, M. *see* Chattopadhyay, T. 3876
Bhattacharya, P. *see* Gutierrez-Aitken, A.L. 26734
Bhattacharya, P. *see* Heisterkamp, D.R. 5138
Bhattacharya, P. *see* Kamath, K. 55621
Bhattacharya, P. *see* Klotzkin, D. 55695
Bhattacharya, P. *see* Malik, R. 42380
Bhattacharya, P. *see* Syao, K.-C. 26784
Bhattacharya, P. *see* Syao, K.C. 47993
Bhattacharya, P. *see* Wang, Y. 35126
Bhattacharya, P. *see* Wang, Y. 56637
Bhattacharya, P. *see* Yang Wang 25342
Bhattacharya, P. *see* Yuan, Y. 13693
Bhattacharya, P. *see* Yuan, Y. 33565
Bhattacharya, P. *see* Zhang, X. 44576
Bhattacharya, P.K. *see* Gangopadhyay, T.K. 8968
Bhattacharya, P.K. *see* Vurgaftman, I. 14664
Bhattacharya, R. *see* Biswas, S. 7535
Bhattacharya, R.N. *see* Tuttle, J.R. 39065
Bhattacharya, S., Frank, T.M., Divan, D.M., Banerjee, B. Parallel active filter system implementation and design issues for utility interface of adjustable speed drive systems 38816
Bhattacharya, S., Lai, K., Fox, K., Chan, P., Worley, E., Sharma, U., Liming Hwang, Li, G.P. Improved performance and reliability of split gate source-side injected flash memory cells 41147
Bhattacharya, S., Po-Tai Cheng, Divan, D.M. Control of square-wave inverters in high power hybrid active filter systems 38823
Bhattacharya, T.K., Haykin, S. Neural network-based radar detection for an ocean environment 60075
Bhattacharya, U., Chaudhuri, B.B., Parui, S.K. An MLP-based texture segmentation technique which does not require a feature set 5571

Bhattacharya, U. *see* Agarwal, B. 53590
Bhattacharya, U. *see* Allen, S.J. 12488
Bhattacharya, U. *see* Keay, B.J. 2200
Bhattacharya, U. *see* Zeuner, S. 54236
Bhattacharya, U.K. *see* Majumdar, A. 41850
Bhattacharyya, A.K. A modular approach for probe-fed and capacitively coupled multilayered patch arrays 34352
Bhattacharyya, A.K. Floquet modal based approach for mutual coupling between elements in array environment 34470
Bhattacharyya, B. *see* Kar, J. 203
Bhattacharyya, D., Bocking, S., Carter, M.J. Detection of binary phases in $CuInSe_2$ films formed by laser annealing of stacked elemental layers of In, Cu and Se 835
Bhattacharyya, D., Carter, M.J. Effect of substrate on the structural and optical properties of chemical-bath-deposited CdS films 30866
Bhattacharyya, K. *see* Khaparde, S.A. 38309
Bhattacharyya, S., Subramanyam, S.V. Transport properties, structure, and radiation induced defect studies in amorphous carbon films 54117
Bhattacharyya, S. *see* Paul, S. 57789
Bhattacharyya, S.C. An estimation of environmental costs of coal-based thermal power generation in India 60533
Bhattacharyya, S.S., Murthy, P.K., Lee, E.A. APGAN and RPMC: complementary heuristics for translating DSP block diagrams into efficient software implementations 45886
Bhattacharyya, S.S. *see* Pino, J.L. 4799
Bhatti, M.A., Siddiqui, A.S. A new polarization dependent loss measurement system 23508
Bhatti, P.K. *see* Liu, J.G. 61295
Bhatti, S.N., McCarthy, K.M.T., Knight, G., Pavlou, G. Secure management information exchange 5980
Bhatti, T.S., Al-Ademi, A.A.F., Bansal, N.K. Load-frequency control of isolated wind-diesel-microhydro hybrid power systems (WDMHPS) 50389
Bhatti, T.S., Al-Ademi, A.A.F., Bansal, N.K. Load frequency control of isolated wind diesel hybrid power systems 60621
Bhatti, T.S. *see* Tripathy, S.C. 50345
Bhaumik, K., Yosi Shacham-Diamand, Noel, J.-P., Bevk, J., Feldman, L.C. Theory and observation of enhanced, high field hole transport in $Si_{1-x}Ge_x$ quantum well p-MOSFETs 2633
Bhavanishankar, N. *see* Ranganathan, N. 5187
Bhavanishankar, N. *see* Ranganathan, N. 11467
Bhavanishankar, N. *see* Vijaykrishnan, N. 53345
Bhavnagarwala, A.J., De, V.K., Austin, B., Meindl, J.D. Circuit techniques for low power CMOS GSI 13131
Bhavnagarwala, A.J., De, V.K., Austin, B., Meindl, J.D. Optimal circuit design for low power CMOS GSI 13142
Bhavsar, D.K., Edmondson, J.H. Alpha 21164 testability strategy 31318
Bhawalkar, D.D., Nath, A.K. Lasers in industry 39761
Bhawalkar, D.D. *see* He, G.S. 14050
Bhawalkar, J.D. *see* He, G.S. 14050
Bhawalkar, J.D. *see* He, G.S. 44625
Bhawe, B.D. *see* Panchal, C.G. 52871
Bhawmik, S. *see* Ghosh, I. 53171
Bhide, V. *see* Barrette, T. 22939
Bhim Singh *see* Mendalek, N. 19133
Bhimnathwala, H. *see* Arnold, E. 12933
Bhinder, F.S. *see* Al-Zubaidy, S. 29114
Bhise, B.V., Lotke, S.D., Patil, S.A. Role of MnTi and MnSn substitutions on the electrical properties of Ni-Zn ferrites 22266
Bhoga, S.S. *see* Singh, K. 29591
Bhogal, A.S., Goodenough, D.G., Charlebois, D., Barclay, H., Matwin, S., Niemann, O. Intelligent fusion and analysis of AIRSAR data for SEIDAM 8552
Bhogal, A.S. *see* Charlebois, D. 8401
Bhogal, P. *see* Goodenough, D.G. 57069
Bhola, R., Das Gupta, S., Jacobs, J.K. Ceramic cutting tool inserts 39453
Bhoomaiah, A. *see* Satyanarayana, S. 60358
Bhosale, C.H. *see* Killedar, V.V. 31901
Bhosale, C.H. *see* Killedar, V.V. 40499
Bhowmick, D.N. *see* Venkidachalam, G. 18185
Bhowmik, S., van Zyl, A., Spee, R., Enslin, J.H.R. Sensorless current control for active rectifiers 29445
Bhuiyan, M.S., Iwata, A. Performance evaluation of a neural network based edge detector for high-contrast images 57530
Bhullar, H.K., Chia, P., Ong, K., Ng, W.I. Assessment of inter-observer and intra-observer variability in the measurement of QT dispersion 37820
Bhullar, H.K. *see* Chia, P. 49621
Bhum Cheol Lee, Jae Young Kim, Kwon Chul Park, Bong Ryul Kim Exact analysis of phase error of a charge-pump phase-locked loop 53077
Bhumkar, B., Vora, P.L., Chandna, B., Shankar, K. A set theoretic approach to image reconstruction from projections 59522
Bhupathi, L., Chao, L.-F. Exploiting skewed state probabilities for low power state assignment 11297
Bhupathi, L., Liang-Fang Chao Dichotomy-based model for FSM power minimization 1058
Bhurtun, C. Laboratory-based training for electrical engineering freshman 52048
Bhuruth, M., Evans, D.J. Block iterative methods for the nine-point approximation to the convection-diffusion equation 528
Bhushan, B., Xiaodong Li Micromechanical and tribological characterization of doped single-crystal silicon and polysilicon films for microelectromechanical systems devices 32589
Bhushan, B., Zheming Zhao Friction/stiction and wear studies of magnetic thin-film disks with two polar perfluoropolyether lubricants 32837
Bhushan, B. *see* Anderson, R.M. 55050
Bhushan, B. *see* Koinkar, V.N. 55055
Bhushan, B. *see* Patton, S.T. 55054
Bhushan, B. *see* Poon, C.Y. 55053
Bhushan, B. *see* Poon, C.Y. 55056
Bhushan, B. *see* Weick, B.L. 55049
Bhushan, B. *see* Xie, Y. 55048
Bhushan, B. *see* Youlin Li 55052
Bhushan, B. *see* Zheming Zhao 55051
Bhushan, S. *see* Shrivastava, S. 3581
Bhuyan, J.N., Deogun, J.S., Raghavan, V.V. Algorithms for the boundary selection problem 30519
Bhuyan, L.N. *see* Jianxun Jason Ding 46699
Bhuyan, P.K. *see* Baruah, S. 56060
Bi, D.Y., Zubov, V.E., Kudakov, A.D. A new method of measuring hysteresis loops on local areas of the surface of a ferromagnet 23303
Bi, G. New split-radix algorithm for the discrete Hartley transform 34776
Bi, G.G. *see* Weng, J.F. 6440
Bi, H., Chan, W.-Y. Rate-constrained hierarchical motion estimation using BFOS tree pruning 25431
Bi, J., Jiang, X.R., Kruit, P. Theoretical and experimental investigations on Coulomb interactions in a two-lens focussed ion beam instrument 42868
Bi, M., Ong, S.H., Ang, Y.H. Comment on "Shape-adaptive DCT for generic coding of video" 15478
Bi, W.G., Mei, X.B., Kavanagh, K.L., Tu, C.W. A study of low-temperature grown GaP by gas-source molecular beam epitaxy 22261
Bi, W.G., Tu, C.W. N incorporation in GaP and band gap bowing of GaN_xP_{1-x} 12229
Bi, W.G., Tu, C.W. Bowing parameter of the band-gap energy of GaN_xAs_{1-x} 41921
Bi, W.G., Tu, C.W. Study on interface abruptness of $In_xGa_{1-x}As/In_yGa_{1-y}As_zP_{1-z}$ heterostructures grown by gas-source molecular beam epitaxy 52617
Bi, W.G., Tu, C.W. Gas-source molecular beam epitaxial growth and characterization of InN_xP_{1-x} on InP 52722
Bi, W.G. *see* Chen, W.M. 22540
Bi, W.G. *see* Morgan, B.A. 22435
Bi Chen Xing *see* Xing Bi Chen
Bi Guangguo *see* Guangguo Bi
Bi Guoan *see* Guoan Bi
Bi Ning *see* Ning Bi
Bi Zhaoqi *see* Phillips, H.M. 10824
Bi-Ke Yang *see* Krishnamurthy, M. 21230
Bi-Zhen Dong, Guo-Qing Zhang, Guo-Zhen Yang, Ben-Yuan Gu, Shi-Hai Zheng, De-Hua Li, Yan-Song Chen, Xiao-Ming Cui, Ming-Ling Chen, Hong-Du Liu Design and fabrication of a diffractive phase element for wavelength demultiplexing and spatial focusing simultaneously 12838
Biaggio, I. *see* Delaye, P. 18952
Biaggio, I. *see* Delaye, P. 22222
Biagini, A. *see* Clavario, P. 49391
Biagini, M.E. DAΦNE, the electron positron Φ-factory at INFN-Frascati 27986
Biagioni, P.H. *see* da Frota Mattos, M.A. 8939
Biais, F. *see* Bellettre, J. 19703
Bialaszewski, D., Case, T.L., Wood, R.E. Data communications: theoretical and experimental instruction incorporating the Internet 52036
Bialke, W.E. Operational lifetime experience with attitude determination and control mechanisms 49935
Bialko, M., Dobrychlop, P., Klosowski, M., Mlynski, D.A. Prototype hybrid expert system for analog filter design 1572
Bialkowski, M.E., Waris, V.P. Analysis of an N-way radial cavity divider with a coaxial central port and waveguide output ports 11651
Bialkowski, M.E. *see* Song, H.-J. 45446
Bialkowski, M.E. *see* Varnes, R.S. 21890
Bialo, D. *see* Slusarek, B. 13468
Bialoskorski, P. *see* Koczara, W. 9390
Bian, W.-L. *see* Lin, Z.-S. 28624
Bian, X.P. *see* Rishton, S.A. 43606
Bian Beilei *see* Guo Jiatian 8813
Bian Shaoping *see* Li Yanqiu 4147
Bian Songlin, Xiong Yizhi, Nie Shouping, Tao Chunkan Parallel processing technology in optical pattern recogmition 46400
Bian Yi *see* Yi Bian
Bian Zhaoqi *see* Zhaoqi Bian
Biancardi, A., Cantoni, V., Pini, M. A training environment for ISE courses 52033
Biancardi, A., Merigot, A. Connected component support for image analysis programs 15564
Bianchi, A.M. *see* Mainardi, L.T. 59391
Bianchi, G., Capone, A., Fratta, L., Musumeci, L. Voice and packet data integration over GSM networks 47710
Bianchi, M. *see* Rabinkin, D.V. 21704
Bianchi, N., Bolognani, S. Parameters and volt-ampere ratings of a synchronous motor drive for flux-weakening applications 51701
Bianchi, N. *see* Rossi, P. 18092
Bianco, A., Fumagalli, A., Leonardi, E., Neri, F., Toniolo, S. Multicast traffic in a WDM ring based ATM switch 47496
Bianco, A. *see* Ajmone Marsan, M. 25882
Bianco, A. *see* Ajmone Marsan, M. 35408
Bianco, A. *see* Coluzza, C. 2242
Bianco, A. *see* Marsan, M.A. 5858
Bianco, A. *see* Morten, B. 36460
Bianco, B. *see* Bonfiglio, A. 58886
Bianco, C.Guarino Lo *see* Guarino Lo Bianco, C.
Bianco, G.Lo *see* Lo Bianco, G.
Bianco, M. *see* Pavese, F. 55152
Bianco, S. *see* Benussi, L. 37231
Biancoli, L. Protection against EMI by miniaturized filters for insertion in connectors 21786
Bianconi, M., Lulli, G., Spallacci, F., Albertazzi, E., Nipoti, R., Carnera, A., Cellini, C. RBS-channeling determination of damage profiles in fully relaxed $Si_{0.76}Ge_{0.24}$ implanted with 2 MeV Si ions 54356
Bianconi, M. *see* Nylandsted Larsen, A. 42371
Bianconi, M. *see* O'Raifeartaigh, C. 30743
Bianza, C. *see* Galis, A. 46927
Bianzhang Yu *see* Yu Bianzhang
Biao Chen, Kamat, S., Wei Zhao Fault-tolerant, real-time communication in FDDI-based networks 57867
Biao Cheng *see* Aidong Zhang 5014
Biao Du *see* Du Biao
Biao Jiang Wen *see* Wen Biao Jiang
Biao Li *see* Li Biao
Biao Sheng *see* Sheng Biao
Biao Wang *see* Wang Biao
Biao-Bing Jin *see* Yan-Feng Chen 32764
Biaobing Jin *see* Jin Biaobing
Bias, J.H.De *see* De Bias, J.H.
Biase, V.C.Di *see* Di Biase, V.C.
Biase, V.Di *see* Di Biase, V.
Biasi, R.S.De *see* De Biasi, R.S.
Biasi, V.de *see* de Biasi, V.
Biasiol, G., Martinet, E., Reinhardt, F., Gustafsson, A., Kapon, E. Low-pressure OMCVD growth of AlGaAs vertical quantum wells on non-planar substrates 40484
Biasiol, G., Reinhardt, F., Gustafsson, A., Martinet, E., Kapon, E. Structure and formation mechanisms of AlGaAs V-groove vertical quantum wells grown by low pressure organometallic chemical vapor deposition 737
Biasiol, G. *see* Reinhardt, F. 2118
Biasiol, G. *see* Reinhardt, F. 52653
Biasizzo, A., Novak, F. A methodology for model-based diagnosis of analog circuits 53475
Biasse, B. *see* Mure-Ravaud, A. 3447
Biasse, B. *see* Pelissier, S. 23521
Biau-Sheng Chang *see* Zwe-Lee Gaing 38238
Bibas, S., Cordier, M.-O., Dague, P., Dousson, C., Levy, F., Roze, L. Alarm driven supervision for telecommunication network. I. Off-line scenarios generation 5978
Bibas, S., Dague, P., Levy, F., Cordier, M.O., Roze, L. GASPAR: a model-based system for diagnosing telecommunication networks 57905
Bibber, K.van *see* van Bibber, K.
Bibby, R.W. *see* Liu, J.G. 61295
Bibby, T. *see* Wang, D. 54381
Bibeau, C. *see* Solarz, R. 55954
Biber, C.R. Pressure drop and heat transfer in an isothermal channel with impinging flow 52288
Biber, C.R., Goodwin, P.A. Disk drive drawer thermal management 30221
Biberger, A. *see* Zhao, B. 2438
Biberger, M. *see* Ouellet, L. 22611
Biberger, M. *see* Ouellet, L. 54522
Biberger, M.A. *see* Zhao, B. 22622
Biberger, M.A. *see* Zhao, B. 32242
Biberger, M.A. *see* Zhao, B. 42664
Bibet, Ph. *see* Seki, M. 11644
Bibicu, I., Barb, D. Improved equipment for continuous and switched RF Mossbauer experiments 28052
Bibikar, V.J. *see* Tirumala, A.S. 1462
Bibilo, P.N. Silicon compiler for control logic units of custom digital VLSI 31047
Bibilo, P.N., Bogdan, V.I., Zakrevskii, A.D. Minimization of the number of ground and supply buses in transistor matrices [CMOS custom VLSI] 31159
Biblarz, O., Bell, W.J. Thermionic arc breakdown 39380
Bibo, B.H. *see* Lemkowitz, S.M. 30034
Bibra, M.L.von *see* von Bibra, M.L.
Bibyk, S.B. *see* Lenning, L.G. 43391
Bicanic, D. *see* Jalink, H. 7159
Bicanic, N. *see* Ren, Z. 10572
Bice, W.S. *see* Prete, J.J. 49830
BiCesare, F., Graves, R., Gile, M. An interactive multimedia learning module for manufacturing scheduling 9899
Bich, W. Simple formula for the propagation of variances and covariances 17139
Bichebois, P. Impact of physical defects on the electrical working of embedded DRAM with 0.35 μm design rules 31274
Bicheron, P., Leroy, M., Hautecoeur, O. Analysis of airborne POLDER data on boreal forest covers 18765
Bicheron, P. *see* Breon, F.-M. 50032

Bichevin, V., Kaambre, H., Sammelselg, V., Kelle, H., Asari, E., Saks, O. Exoemissive noise activity of different metallic materials 1903
Bichler, M. *see* Baumgartner, P. 54719
Bicho, A. *see* Martins, R. 51573
Bickel, D.L., Hensley, W.H. Determination of absolute interferometric phase using the beam-amplitude ratio technique 8366
Bickel, F. *see* Obermuller, C. 55206
Bickel, G., De Neve, H., Heremans, P., Kuljk, M., Vounckx, R., Baets, R., Borghs, G. Microcavity optical thyristor with strained-layer InGaAs quantum wells 13852
Bickel, G., Heremans, P., Kuijk, M., Vounckx, R., Borghs, G. Receiver with optical thyristors operating at 155 Mbit/s with 3 femto-Joule optical inputs 33256
Bickel, G. *see* Ayadi, K. 23706
Bickel, G. *see* Ayadi, K. 58379
Bickel, G. *see* Heremans, P. 44317
Bickel, P. *see* Arenz, H. 13939
Bickford, B. Nonvolatile memory requirements in a mobile computing environment 1366
Bickford, J.P. *see* Gupta, N.K. 20185
Bickley, T.A. *see* Lindroth, A. 8856
Bickley, T.A. *see* Lindroth, A. 8857
Bickmore, J.T. *see* Nash, R.J. 33226
Bicknell-Tassius, R. *see* Carter-Coman, C. 40420
Bicknell-Tassius, R. *see* Carter-Coman, C. 42538
Bicknell-Tassius, R. *see* Lee, K.K. 21302
Bicknell-Tassius, R.N., Kyeong Lee, Brown, A.S., Dagnall, G., May, G. The growth of AlGaAs-InGaAs quantum-well structures by molecular beam epitaxy: observation of critical interdependent effects 21231
Bida, G.V., Sazhina, E.Y. Optimization of the service characteristics of holding electromagnets 55983
Bida, J. *see* Young, P. 37201
Bidadi, H. *see* Kalafi, M. 3576
Bidan, P. *see* Collomb, C. 51161
Bidault, O., Maglione, M. Non-linearity extremum in niobium doped potassium tantalate 54860
Biddick, B.C. *see* Harriott, L.R. 22700
Biddick, C. *see* Harriott, L.R. 42874
Biddick, C. *see* Watson, G.P. 32288
Biddle, A., Rudolf, D. Cause and effect. (High performance FPGAs used to implement 100 Base-X Ethernet links) 26157
Biderman, S. *see* Horowitz, A. 10660
Bidermann, W., Kinugawa, M. Low power and high performance. Can supply voltage be scaled below 1V? 1069
Bideux, L. *see* Yassfy, A. 12720
Bidin, A.R. *see* Khalil, I. 46603
Bidini, G. *see* Ribeiro Gallo, W.L. 38619
Bidiville, M. *see* Arreguit, X. 17538
Bidmead, M. *see* Thompson, V. 59763
Bidner, M.S. *see* Savioli, G.B. 21193
Bidstrup-Allen, S.A. *see* Kohl, P.A. 1886
Bidstrup-Allen, S.A. *see* Laursen, K.G. 48835
Bidwell, S.W., Heymsfield, G.M., Caylor, I.J. Capabilities and recent results from the ER-2 Doppler radar (EDOP) 8436
Bie, Q.S., Lu, M., Du, J., Zhao, H.W., You, B., Tong, L.N., Zhai, H.R., Yan, M.L., Lai, W.Y., Zhou, S.M., Chen, L.Y. Optical and magnetooptical characterization of FeNi/Cu multilayers 43661
Bieber, P. Formal techniques for an ITSEC-E4 secure gateway 25923
Biebl, E.M. *see* Friedsam, G.L. 27859
Biebl, E.M. *see* Pfeifer, T. 3445
Biebl, M. *see* Scheiter, T. 12613
Biebow, B., Charnois, T., Szulman, S. ISDN supplementary services specifications from informality to knowledge representation 6269
Biebricher, M., Kleckers, T., Franke, H. Comparison of isotropic and anisotropic sensor effects in polymer lightguides 36596
Biebricher, M., Pfeiffer, K., Schulz, P., Franke, H., Lorkowski, H.J. Elastooptic investigations in functional allyl polymer lightguides 23544
Biebricher, M. *see* Hendricks, C.P. 13544
Biebuyck, H.A. *see* Wilbur, J.L. 54540
Bied-Charreton, C. *see* Leray, I. 48710
Biedenbender, M. *see* Chang, K.W. 41483
Biedenbender, M. *see* Lai, R. 41496
Biederman, D.C., Ososanya, E.T. Design of a neural network-based digital multiplier 41047
Biederman, I. *see* Fiser, J. 15698
Biedermann, J. *see* Botari, J. 16302
Biedka, T.E., Mili, L., Reed, J.H. Robust estimation of cyclic correlation in contaminated Gaussian noise 4880
Biefeld, R.M., Allerman, A.A., Kurtz, S.R. The growth and doping of Al(As)Sb by metal-organic chemical vapor deposition 21305
Biefeld, R.M. *see* Chui, H.C. 52786
Biefeld, R.M. *see* Kurtz, S.R. 3889
Bieg, B., Kuzminski, S., Morawski, A., Pohoryles, B. Selective photoconductivity in n-type CdMnTe:Ga 13803
Biegel, B.A., Plummer, J.D. Comparison of self-consistency iteration options for the Wigner function method of quantum device simulation 2561
Biegel, B.A., Plummer, J.D. Applied bias slewing in transient Wigner function simulation of resonant tunneling diodes 54717
Biegel, U. Maximizing standard to ultra-fine pitch soldering yields while minimizing total manufacturing costs through solid-solder-deposit (SSD) technology 41686
Biegelmeier, G., Morx, A. Reducing the risk of electrical accidents 52111
Biegen, J. *see* de Groot, P.D. 7650
Bieger, T., Wallrabe, U. Tribological investigations of LIGA-microstructures 54839
Biehl, I., Meyer, B., Thiel, C. Cryptographic protocols based on real-quadratic A-fields 4549
Biel, D. *see* Fossas, E. 38893
Biel, D. *see* Fossas, E. 40873
Biel, D. *see* Olm, J.M. 40872
Biel, M. *see* Evertsz, C.J.G. 49449
Bielawski, S. *see* Boulant, G. 55577
Bielawski, S. *see* Milovsky, N.D. 13990
Bielawski, S. *see* Szwaj, C. 3730
Bielecki, Z. Measurement methods of the selected parameters of infrared detectors 17387
Bielefeld, M.R., Supplee, L.M. Developing a test program for the DoD 2400 bps vocoder selection process 16472
Bielefeld, M.R. *see* Kohler, M.A. 16476
Bielefeldt, H. *see* Schwarz, U. 24310
Bieler, M. *see* Choroba, S. 49059
Bielesch, U. *see* Uhlenbusch, J. 4171
Bielewicz, Z., Debowski, L., Lowiec, E. A DSP and FPGA based integrated controller development solutions for high performance electric drives 9628
Biellak, S.A., Fanning, C.G., Sun, Y., Wong, S.S., Siegman, A.E. Reactive-ion-etched diffraction-limited unstable resonator semiconductor lasers 23966
Biem, A., Katagiri, S., Biing-Hwang Juang Pattern recognition using discriminative feature extraction 34654
Biemond, J. *see* Hampson, F.J. 56733
Biemond, J. *see* van Roosmalen, P.M.B. 56926
Biemond, J. *see* Westen, S.J.P. 25394
Bien, D. *see* Blair, C. 23014
Bien Zeungnam *see* Zeungnam Bien
Bienert, W.B., Eastman, G.Y., Ernst, D.M., Longsderff, R.W., Scicchitano, E.A. From concept to consumer–the commercialization of technology [heat pipes] 9998
Bienfang, J. *see* Nicholson, J.W. 33385
Bienia, W., Letrouit, V. On α-flows [graph theory] 52499
Bieniecki, S., Hartman, M., Iwaszkiewicz, J. Driving circuits for high power IGBT applications 1132
Bieniosek, F. *see* Young, P. 37201
Bienkowski, J., Sosnowski, M., Tendera, M. The return map: simple test for diagnosing disrupted nervous control of the heart period variation in cardiac diseased patients 49634
Bienz, T. *see* Abe, K. 37234
Bier, F.F. *see* Polzius, R. 7451
Bier, J., Lapsley, P., Blalock, G. Choosing a DSP processor 24913
Bier, P., Thonn, R. The right system for all cranes 9631
Bier, W. *see* Menz, W. 32584
Bierbrauer, J., Edel, Y. New code parameters from Reed-Solomon subfield codes 56320
Bierbrauer, J. *see* Edel, Y. 56324
Bierens, L., Deprettere, E. Engineering multirate convolutions for radar imaging 27074
Bierly, P.E., III, Chakrabarti, A.K. Technological learning, strategic flexibility, and new product development in the pharmaceutical industry 108
Biero, H. *see* Boucheteau, R. 8909
Biersack, E.W., Thiesse, F. A new class of constant data length retrieval algorithms for video servers with VBR streams 46056
Biersack, E.W. *see* Nonnenmacher, J. 5860
Biersack, J. *see* Tilsch, M. 889
Biesemans, S., De Meyer, K. Fundamental relation between local and effective transverse field dependent mobility for electrons in inversion channels 12972
Biesemans, S., De Meyer, K.M. Defining a 'charge vector' and its use in the treatment of the short channel effect in deep submicron MOSFETs 22828
Biesemans, S., Hendriks, M., Kubicek, S., De Meyer, K. Accurate determination of channel length, series resistance and junction doping profile for MOSFET optimisation in deep submicron technologies 2652
Biesenack, H., Schmidt, P., Muller, K., Hauptmann, A. Track load and voltage behaviour in high-speed transport 61270
Bieser, F., Cooper, G., Cwienk, W., Eckardt, V., Fessler, H., Fischer, H.G., Gabler, F., Gornicki, E., Hearn, W.E., Heupke, W., Irmscher, D., Jacobs, P., Kleinfelder, S., Lindenstruth, V., Machowski, B., Marks, K., Milgrome, O., Mock, A., Noggle, T., Pimpl, W., Poskanzer, A.M., Rauch, W., Renfordt, R., Ritter, H.G., Roehrich, D., Rudolph, H., Rueschmann, G.W., Schaefer, E., Seyboth, P., Seyerlein, J., Stock, R., Sulimma, K., Toy, M., Vu, C., Wenig, S., Wieman, H., Wright, M.E. Design and performance of TPC readout electronics for the NA49 experiment 59307
Bieser, F. *see* Betts, W. 59222
Biesterfeld, J., Steuer, J., Jobmann, K. Coupling of DECT and GSM mobile radio systems 58197
Bietsch, A. *see* Brunner, R. 43597
Biewald, H., Brakelmann, H. Load-carrying capacity of high-power cables in tunnels with forced ventilation 38371
Biewald, H., Meyer, G. Fire-fighting on live electrical plants using extinguishing foam 20778
Bifano, T. *see* Krishnamoorthy, R. 14535
Bifano, T.G., Krishnamoorthy, R. Surface micromachined deformable mirrors 13773
Bifano, T.G., Krishnamoorthy, R., Dorton, J.K., Perreault, J., Vandelli, N., Horenstein, M.N., Castanon, D.A. Continuous-membrane surface-micromachined silicon deformable mirror 54855
Bifano, T.G. *see* Krishnamoorthy Mall, R. 43417
Biffi Gentili, G., Borgioli, A., Pelosi, G. Hybrid FE approach to evaluating edge effects in cavity-backed arrays 56188
Bigan, E. *see* Hoff, J. 48521
Bigan, E. *see* Hoff, J. 48522
Bigand, A., Messaadi, K. State observers fuzzy controller for real-time process 29914
Bigand, A. *see* Bouwmans, T. 25678
Bigand, A. *see* Bouwmans, T. 56832
Bigand, A. *see* Evrard, L. 46030
Bigaroni, V., Pignatelli, E., Feldfkhun, L., Marini, M. Integrated Customer-Focused Network Management in a heterogeneous high-speed networking environment (practical experience of Telecom Italia) 26036
Bigarre, J., Fayeulle, S., Jardin, C., Le Gressus, C. Effect of machining on dielectrical and mechanical properties of ceramics 23253
Bigarre, J. *see* Moya-Gontier, E.G. 32627
Bigenwald, P. *see* Laire, O. 10710
Bigeon, J. *see* Gerbaud, L. 39286
Bigeon, J. *see* Lechevalier, C. 38891
Bigeon, J. *see* Wurtz, F. 50914
Biggar, M. *see* Scott, C.J. 47405
Bigger, J., Durand, K., Hester, S., Serfass, J. The US utility industry's TEAM-UP commercialization initiative: program implementation 38658
Bigger, J. *see* Durand, K. 50836
Bigger, J. *see* Hester, S. 50843
Biggeri, U., Borchi, E., Bruzzi, M., Candelori, A., Giraldo, A. Comparison of radiation damage in silicon detectors induced by pions, protons and neutrons 7814
Biggeri, U., Borchi, E., Bruzzi, M., Leroy, M., Sciortino, S., Bacci, T., Ulivi, L., Zoppi, M., Furetta, C. Investigation of thermoluminescent properties of synthetic (CVD) diamond 7827
Biggeri, U. *see* Borchi, E. 7812
Biggs, D. *see* Rawat, B. 58788
Biggs, D.S.C., Andrews, M. Acceleration of iterative image restoration algorithms 56838
Biggs, P. *see* Douglas, R.M. 59764
Bigham, S.R. *see* Coffer, J.L. 12004
Bigilo, J. *see* Karoubi, B. 60125
Bigler, E., Ballandras, S. Stress sensitivity coefficients: a general approach for bulk, Rayleigh and surface transverse waves 13400
Bigler, E., Gavignet, E., Ballandras, S., Denissenko, S., Cambril, E. Design and test of 3 GHz, fundamental mode surface transverse wave resonators on quartz 55012
Bigler, E. *see* Gavignet, E. 32773
Biglieri, E. *see* Gomez del Moral, J.B. 25798
Biglieri, E. *see* Pellizzoni, R. 45581
Bigloo, A.M.Y., Gulliver, T.A., Bhargava, V.K. A slotted frequency-hopped multiple-access network with packet combining 16541
Bignazzi, A., Grilli, E., Guzzi, M., Radice, M., Bosacchi, A., Franchi, S., Magnanini, R. Low temperature photoluminescence of tellurium-doped GaSb grown by molecular beam epitaxy 30817
Bignazzi, A. *see* Brusaferri, L. 12378
Bigo, S., Brindel, P., Leclerc, O., Brun-Maunand, E., Desurvire, E. Error-free soliton transmission at 20 Gbit/s over 7150 km through all-optical synchronous phase modulation 47959
Bigo, S., Desurvire, E. 20 GHz all-optical clock recovery based on fibre laser mode-locking with a fibre nonlinear loop mirror as variable intensity/phase modulator 25570
Bigolas, J., Kulinski, S., Pachan, M. Design of the new Polish linear medical electron accelerator (15+18) MeV Limex 15A 18508
Bigun, J. *see* Duc, B. 15545
Bigun, J. *see* Fischer, S. 15721
Biham, E., Mor, T. Security of quantum cryptography against collective attacks 45609
Bihan, D.Le *see* Le Bihan, D.
Bihan, E., Huttner, B., Mor, T. Quantum cryptographic network based on quantum memories 14791
Bihan, F.Le *see* Le Bihan, F.
Bihan, J.L. *see* Sharaiha, A. 16696
Bihan, J.La *see* La Bihan, J.
Bihan, J.Le *see* Le Bihan, J.
Bihari, B.L., Harten, A. Multiresolution schemes for the numerical solution of 2-D conservation laws. I 40292
Bihler, E. Functional metallic surface finishes for advanced PCB's 11935
Bihlmann, G. *see* Schneider, H. 48526
Bihn, K. *see* Powell, R.C. 39062
Bihrle, R. *see* Sanghvi, N.T. 28413
Bihua Feng *see* Feng Bihua

Biing-Der Liu, Ray-Ming Lin, Si-Chen Lee, Tai-Ping Sun InAs room temperature infrared photoconductive detectors grown by molecular-beam epitaxy 48546
Biing-Hwang Juang, Wu Hou, Chin-Hui Lee Minimum classification error rate methods for speech recognition 56370
Biing-Hwang Juang *see* Biem, A. 34654
Biing-Hwang Juang *see* Kuansan Wang 25512
Biing-Hwang Juang *see* Rahim, M.G. 24881
Biing-Hwang Juang *see* Rahim, M.G. 45705
Biing-Yau Chen *see* Wen-Jyi Hwang 45534
Biing-Yau Chen *see* Wen-Jyi Hwang 45584
Bijak, M. *see* Mayr, W. 8152
Bijak, M. *see* Stein, H. 7870
Bijak, M. *see* Unger, E. 8175
Bijaoui, A., Fang, Y., Bobichon, Y., Rue, F. Multiscale methods applied to the analysis of SAR images 16903
Bijaoui, A. *see* Bobichon, Y. 25594
Bijaoui, A. *see* Bobichon, Y. 57090
Bijaoui, A. *see* Rue, F. 25600
Bijele, M., Pogacnik, F., Kovacevic, G., Hatwell, G. Modernisation of telecommunications in Zagreb 6008
Bijhold, J., Kuijper, A., Westhuis, J.-H. Comparative study of image restoration techniques in forensic image processing 56643
Bijkerk, F. *see* Voorma, H.-J. 42852
Bijnens, B., Herregods, M.-C., Nuyts, J., Suetens, P., van de Werf, F. High resolution integrated backscatter in acute myocardial ischemia 18356
Bijnens, B. *see* De Man, B. 49526
Biju, B.N. *see* Jagadeesh Kumar, V. 50815
Biju, S., Narayana, T.V., Anguswamy, P., Singh, U.S. A systolic array based Reed-Solomon decoder realised using programmable logic devices 6044
Biju, S. *see* Vishwanathan, A.N. 8291
Bilal, A.M.Y. *see* El-Hadidi, M.T. 6242
Biland, A. *see* Adam, A. 37280
Bilanin, W., Dyle, R. Boiling Water Reactor Vessel and Internals Project overview 38574
Bilaniuk, N. Optical microphone transduction techniques 60118
Bilas, A., Fritts, J., Singh, J.P. Real-time parallel MPEG-2 decoding in software 46523
Bilas, A. *see* Dubnicki, C. 47220
Bilas, V. *see* Santic, A. 37599
Bilbao, S. *see* Verma, T. 15355
Bilbault, J.M. *see* Seve, E. 13571
Bilbro, G.L. *see* Harvatis, C. 12037
Bilei, G.M. *see* Passeri, D. 59223
Bilek, M.M.M., Milne, W.I. Filtered cathodic vacuum arc (FCVA) deposition of thin film silicon 4054!
Bilen, S.G., Gilchrist, B.E. Engineering and scientific applications of electrodynamic tether transmission lines in space plasmas 8460
Biles, A. *see* Damianakis, S.N. 35686
Bilge, H.S., Karaman, M. Correlation analysis of ultrasonic speckle for motion estimation 49575
Bilgekul, H., Amca, H. Multicarrier transmission using quadrature frequency/phase modulation 4422
Bilgen, M., Insana, M.F. Statistical properties of elastograms 28121
Bilgic, M. Mobility management application protocol (MMAP) for North American PCS networks 26651
Bilgin, A., Abut, H., Marcellin, M.W. A novel vector quantizer-based architecture for block-matching motion estimation 5553
Bilgin, A., Marcellin, H.W., Abut, H. Variable size finite-state motion vector quantization 25376
Bilgutay, N.M. *see* Murthy, R. 28120
Bilic, T. Adjustment of urban area in Zagreb to disabled and powerless persons 18559
Bilida, W.D., Seguin, H.J.J., Capjack, C.E. Grid separation oscillator using resonant coaxial cavities for high power multichannel laser 3924
Bilinskis, I., Cain, G. Digital alias-free signal processing tolerance to data and sensor faults 4739
Bilinskis, I., Cain, G. Digital alias-free signal processing in the GHz frequency range 25250
Bilinskis, I., Cain, G. Fully digital alias-free processing of sensor signals in a substantially enlarged frequency range 56528
Bilinsky, I.P. *see* Bouma, B.E. 18289
Bilinsky, I.P. *see* Golubovic, B. 33435
Bilinsky, I.P. *see* Golubovic, B. 33446
Bilitewski, U. *see* Chemnitius, G.C. 7455
Bilitewski, U. *see* Polzius, R. 7451
Bilitewski, U. *see* Schmidt, A. 7445
Billard, A., Frantz, C. Interest of pulsed and modulated DC discharges for depositing insulating compounds by reactive magnetron sputtering 841
Billard, A., Frantz, C. Low-frequency modulation of pulsed DC or RF discharges for controlling the reactive magnetron sputtering process 40531
Billard, E.A. A fluid model of shortest queue routing: delayed feedback and inherent periodicity 46686
Billard, E.A., Riedmiller, A.E. Laboratory exercises using a graphical user interface to a queueing simulator 52046
Billard, M. *see* Demange, D. 58313
Billard, M. *see* Legros, E. 58311
Billardon, M. *see* Garzella, D. 3939
Billardon, M. *see* Marsi, M. 31782
Billat, S. *see* Thonissen, M. 44174
Billaud, D. *see* Coowar, F. 29547
Billaud, D. *see* Naji, A. 29543
Billaud, D. *see* Naji, A. 29566
Billen, J. *see* Lawrence, G. 49177
Billen, J. *see* Wangler, T.P. 49188
Billen, J.H., Takeda, H., Young, L.M. Smooth transverse and longitudinal focusing in high-intensity ion linacs 49129
Billen, J.H. *see* Garnett, R.W. 17896
Billen, J.H. *see* Nath, S. 49168
Billen, J.H. *see* Nath, S. 49170
Billen, J.H. *see* Takeda, H. 49055
Billen, K. *see* Wilkinson, V.A. 54322
Biller, E.Z. *see* Ayzatsky, M.I. 37115
Biller, E.Z. *see* Ayzatsky, M.I. 37116
Biller, P. A simple qualitative model for the different types of streamers in dielectric liquids 23124
Billets, S. *see* Yeh, Y.C.M. 37982
Billhartz, T., Cain, J.B., Farrey-Goudreau, E., Rieg, B., Batsell, S.G. Performance and resource cost comparisons for the CBT and PIM multicast routing protocols 57614
Billi, R., Castagneri, G., Danieli, M. Field trial evaluations of two different information inquiry systems 46974
Billiart, S. *see* Sahai, A. 57872
Billing, M. *see* Hartung, W. 49248
Billing, M.G. *see* Rogers, J.T. 49250
Billings, D., Stout, R.P. End user's method for estimating junction temperatures due to interactions of other dominant heat sources in close proximity to the device in question 279
Billings, J.W. *see* Richard, D. 9080
Billings, R.L. *see* Lyons, A.M. 11781
Billings, S.A. *see* Aguirre, L.A. 25053
Billingsley, J., Schoenfisch, M. The successful development of a vision guidance system for agriculture 35284
Billington, S.R. *see* Vincent, J.H. 39770
Billington, S.R. *see* Warwick, M.E. 39769
Billinton, R., Aboreshaid, S., Fotuhi-Firuzabad, M. Conceptual framework for composite power system health analysis 19049
Billinton, R., Aboreshaid, S., Fotuhi-Firuzabad, M. Well-being analysis for HVDC transmission systems 60361
Billinton, R., Adzanu, S. Reliability cost/worth analysis of nonutility generation 19126
Billinton, R., Fotuhi-Firuzabad, M., Aboreshaid, S. Power system health analysis 38296
Billinton, R., Hua Chen, Ghajar, R. A sequential simulation technique for adequacy evaluation of generating systems including wind energy 19651
Billinton, R., Jonnavithula Composite system adequacy assessment using sequential Monte Carlo simulation with variance reduction techniques [power networks] 38214
Billinton, R., Jonnavithula, A. Variance reduction techniques for use with sequential Monte Carlo simulation in bulk power system reliability evaluation 19051
Billinton, R., Jonnavithula, A. Application of sequential Monte Carlo simulation to evaluation of distributions of composite system indices 60192
Billinton, R., Jonnavithula, S. A test system for teaching overall power system reliability assessment 19036
Billinton, R., Pandey, M. Quantitative reliability assessment of electric power systems in developing countries 19246
Billinton, R. *see* Aboreshaid, S. 19040
Billinton, R. *see* Fotuhi-Firuzabad, M. 8839
Billinton, R. *see* Gupta, R. 19592
Billinton, R. *see* Jonnavithula, S. 8888
Billinton, R. *see* Jonnavithula, S. 50310
Billion-Pierron, D. *see* Karpov, A. 58519
Billiot, G. *see* Pache, D. 11720
Billis, S.H. *see* Cheung, J. 35346
Billinton, R., Aboreshaid, S., Faried, S.O. Stochastic evaluation of turbine-generator shaft torsional torques 38695
Billmers, R.I. *see* Yang, C. 3573
Billmers, R.I. *see* Yang, G. 55373
Billon, T. *see* Anghel, L. 42938
Billonnet, L. *see* Delmond, M. 53662
Billot, M., Issarny, V., Puaut, I., Banatre, M. A proposal for ensuring high availability of distributed multimedia applications 6319
Billquist, P. *see* Zinkann, G.P. 49144
Billus, G. *see* Mehta, A. 41235
Billus, G. *see* Youngs, L. 41236
Bilodeau, F. *see* Albert, J. 13568
Bilodeau, F. *see* Temmyo, J. 3848
Bilodeau, F. *see* Temmyo, J. 55696
Bilodeau, F. *see* Theriault, S. 58806
Bilodeau, G. *see* Jerominek, H. 17367
Bilodeau, S. *see* Stauf, G.T. 53269
Bilski, P., Budzanowski, M., Olko, P. Dependence of LiF:Mg,Cu,P (MCP-N) glow curve structure on dopant composition and thermal treatment 49833
Bilski, P. *see* Budzanowski, M. 18576
Bilski, P. *see* Niewiadomski, T. 18572
Bilyalov, R.R. *see* Abdurakhmanov, B.M. 29642
Biman, A. *see* Nairn, D.G. 11515
Bimberg, D. Quantum wire and dot lasers and related technologies 44564
Bimberg, D. *see* Dadgar, A. 42373
Bimberg, D. *see* Darhuber, A.A. 40304
Bimberg, D. *see* Grundmann, M. 40443
Bimberg, D. *see* Guasch, C. 44217
Bimberg, D. *see* Heinrichsdorff, F. 40651
Bimberg, D. *see* Kappelt, M. 2398
Bimberg, D. *see* Kappelt, M. 40652
Bimberg, D. *see* Kappelt, M. 52612
Bimberg, D. *see* Kollakowski, S. 48543
Bimberg, D. *see* Kop'ev, P.S. 23931
Bimberg, D. *see* Kuttler, M. 2137
Bimberg, D. *see* Ledentsov, N.N. 2177
Bimberg, D. *see* Ledentsov, N.N. 24005
Bimberg, D. *see* Maksimov, M.V. 44463
Bimberg, D. *see* Nakashima, H. 12480
Bimberg, D. *see* Ruvimov, S. 22418
Bimberg, D. *see* Shernyakov, Yu.M. 55653
Bimberg, D. *see* Takeuchi, M. 40450
Bimberg, D. *see* Tsatsul'nikov, A.F. 12383
Bimberg, D. *see* Turck, V. 54194
Bimberg, D. *see* Umbach, A. 26738
Bimberg, D. *see* Yang, X. 54157
Bimberg, D. *see* Yu, J. 23936
Bimberg, D. *see* Zaitsev, S.V. 44520
Bimberg, D. *see* Zhukov, A.E. 44487
Bimbo, A.Del *see* Del Bimbo, A.
Bimbot, F. *see* Magrin-Chagnolleau, I. 15133
Bin, G. *see* Uchiori, Y. 51856
Bin, P.Di *see* Di Bin, P.
Bin, Y. *see* Hahn, S.R. 30774
Bin Bae *see* Bae, J.K.Y. 40065
Bin Chen *see* Chen Bin
Bin Chung Hai *see* Hai Bin Chung
Bin Du, Jun Gu Budget management in network capacity planning 16123
Bin Du *see* Du Bin
Bin Guo *see* Qingrui Xu 9968
Bin He Laplacian electrocardiography 49653
Bin He Body surface derivative electrocardiographic mapping 59674
Bin He, Cohen, R.J. Body surface Laplacian electrocardiographic mapping–a review 59644
Bin He *see* Daming Wei 59677
Bin He *see* Dongsheng Wu 59679
Bin He *see* Harasawa, E. 59676
Bin He *see* Ono, K. 59675
Bin He *see* He Bin
Bin Hyun Dow *see* Dow Bin Hyun
Bin Li, Junbi Chen Design of a digital speech processor 53309
Bin Li *see* Li Bin
Bin Lin *see* Lin Bin
Bin Liu *see* Soo-Young Lee 22708
Bin Liu Hong *see* Hong Bin Liu
Bin Ma, Taiyi Huang, Bo Xu, Xijun Zhang, Fei Qu Context-dependent acoustic models for Chinese speech recognition 15034
Bin Wang, Feihong Yu, Xu Liu, Peifu Gu, Jinfa Tang Optical modified signed-digit addition module based on Boolean polarization-encoded logic algebra 3520
Bin Wang *see* Hung-Ying Tyan 26764
Bin Wang *see* Xing Bi Chen 54163
Bin Wang *see* Wang Bin
Bin Wu, DeWinter, F.A. Voltage stress on induction motors in medium-voltage (2300-6900-V) PWM GTO CSI drives 51679
Bin Wu *see* Arkwright, J. 24085
Bin Wu *see* DeWinter, F.A. 51651
Bin Wu *see* Jun Hu 20128
Bin Wu *see* Sanghadasaa, M. 24217
Bin Wu *see* Zargari, N.R. 29454
Bin Yang Convergence analysis of the subspace tracking algorithms PAST and PASTd 15400
Bin Yang, Gersemsky, F. Asymptotic distribution of recursive subspace estimators 25031
Bin Yang *see* Yang Bin
Bin Yu, Nowak, E., Noda, K., Chenming Hu Reverse short-channel effects and channel-engineering in deep-submicron MOSFETs: modeling and optimization 2650
Bin Yu, Tanaga, T., Chenming Hu Modeling off-state leakage current of DG-SOI MOSFETs for low-voltage design 12996
Bin Yu, Wann, C.H.J., Nowak, E.D., Noda, K., Chenming Hu Short-channel effect improved by lateral channel-engineering in deep-submicronmeter MOSFET's 43045
Bin Yu, Zhi-Jian Ma, Zhang, G., Chenming Hu Hot-carrier effect in ultra-thin-film (UTF) fully-depleted SOI MOSFETs 2688
Bin Yu, Zhi-Jian Ma, Zhang, G., Chenming Hu Hot-carrier-induced degradation in ultra-thin-film fully-depleted SOI MOSFETs 22806
Bin Yu *see* Wann, C.H. 2642
Bin Yu *see* Ya-Chin King 2573
Bin Yu *see* Yuhua Cheng 12991
Bin Yuan *see* Yuan Bin
Bin Zhang *see* Baida Lu 24066
Bin Zhang *see* Baida Lu 55769
Bin Zhang *see* Baida Lu 56678
Bin Zhang *see* Zhang Bin
Bin Zhao *see* Dubin, V.M. 52739
Bin Zhao *see* Shi-Qing Wang 54524
Bin Zhao *see* Zhao Bin
Bin Zheng, Yuan-Hsiang Chang, Gur, D. On the reporting of mass contrast in CAD research 8031
Bin Zhou *see* Zhou Bin
Bin-Chang Chieu *see* Ken-Chung Ho 4958
Bin-Chang Chieu *see* Rong-Jian Chen 15462
Bin-Chang Chieu *see* Rong-Jian Chen 15979
Bin-Chyi Tseng *see* Lin-Kun Wu 18514

Bin-Da Li *see* Chun-Yueh Huang 1286
Bin-Da Liu *see* Jar-Shone Ker 53347
Bin-Da Liu *see* Shih-Chang Hsia 17065
Bin-Hong Lin, Shao-Hui Shieh, Cheng-Wen Wu An MISR computation algorithm for fast signature simulation 53136
Bin-Hong Lin *see* Hao-Chiao Hong 41272
Bin-Ji Cheng *see* Feng-Chi Yuan 10840
Bin-Yen Ma, Tian-Hua Liu, Wu-Shiung Feng Modeling and torque pulsation reduction for a switched reluctance motor drive system 51655
Binaghi, E., Madella, P., Grazia Montesano, M., Rampini, A. Fuzzy contextual classification of multisource remote sensing images 50012
Binaghi, E., Brivio, P.A., Rampini, A. *(editors)* Proceedings of the International Workshop on Soft Computing in Remote Sensing Data Analysis 51967
Binari, S.C., Doverspike, K., Kelner, G., Dietrich, H.B., Wickenden, A.E. GaN FETs for microwave and high-temperature applications 31507
Binari, S.C., Redwing, J.M., Kelner, G., Kruppa, W. AlGaN/GaN HEMTs grown on SiC substrates 32442
Binari, S.C. *see* Doverspike, K. 13034
Binder, B. *see* Schmid, J. 7878
Binder, B.T. *see* Toups, M.F. 8656
Binder, C. *see* Knaupp, W. 39163
Binder, F. *see* Save, D. 42725
Binder, F. *see* Torres, J. 12805
Binder, J. *see* Hofmann, T. 27516
Binder, J. *see* Hofmann, T. 48423
Binder, J. *see* Noetzel, J. 13168
Binder, L., Ghaemi, M., Kordesch, K.V. Corrosion studies of zinc electrode current collector 61047
Binder, M. *see* Ganster, H. 18203
Binder, M.C. *see* Desaulnier, W.E., Jr. 30335
Binder, M.C. *see* Desaulnier, W.E., Jr. 30966
Binder, M.C. *see* Desaulnier, W.E., Jr. 30967
Binder, R. Steps toward a national information infrastructure 16283
Binder, R., Kohler, H.S., Bonitz, M., Kwong, N. Green's function description of momentum-orientation relaxation of photoexcited electron plasmas in semiconductors 41814
Binder, T. *see* Porenta, G. 37691
Binder, T. *see* Strohmer, T. 59437
Bindhu, C.V., Harilal, S.S., Issac, R.C., Nampoori, V.P.N., Vallabhan, C.P.G. Pulsed photoacoustic determination of absolute fluorescent quantum yield of the laser dye rhodamine B 3588
Bindhu, C.V. *see* Issac, R.C. 4065
Bindiganavale, S.S., Volakis, J.L. A hybrid FE-FMM technique for electromagnetic scattering 24442
Bindiganavale, S.S., Volakis, J.L., Wang, H. Dielectric nose radome scattering by using the fast multipole method to calculate the RCS of large objects 36214
Bindner, P., Boudrioua, A., Loulergue, J.C., Moretti, P. Refractive index and anisotropy measurements in He^+ implanted $KTiOPO_4$ (KTP) optical waveguides 33055
Bindon, F.J.L. Eastern European nuclear power plant standards 9060
Bindra, P., Kraft, P. Design for manufacturability at the International Business Machines Corporation 52147
Bindu, R. *see* Gordaninejad, F. 9463
Binefa, X., Vitria, J. A contrast-based focusing criterium 5299
Binelle, G. *see* Spolaore, P. 23207
Binesti, D., Ducreux, J.P. Core losses and efficiency of electrical motors using new magnetic materials 9202
Binesti, D. *see* Tanguy, A. 3110
Binetti, S. *see* Acciarri, M. 31951
Binetti, S. *see* Savigni, C. 12624
Bing, Y.H. *see* Yuan, D.R. 10632
Bing Chen *see* Chen Bing
Bing Dong, Lei, X.L. Hole perpendicular transport in GaAs-AlGaAs superlattices 32000
Bing Lian Zhu *see* Zhu Bing Lian
Bing Liu *see* Liu Bing
Bing Shan *see* Shan Bing
Bing Sheu *see* Jen, S.H. 2684
Bing Wang, Abou-Elnour, A., Schunemann, K. Determination of the influence of doping profile on the performance of MM-wave Gunn elements by using an efficient physical simulator 11684
Bing Wang *see* Liwen Wu 54266
Bing Wang *see* Wang Bing
Bing Wu *see* Wu Bing
Bing Xiong *see* Xiong Bing
Bing Xu *see* Xu Bing
Bing Yan *see* Ze-Nian Li 25344
Bing Yang *see* Yang Bing
Bing Ye *see* Ye Bing
Bing Yonghong *see* Yuan Duorong 24099
Bing Yonghong *see* Yonghong Bing
Bing Yu *see* Shen, B. 13190
Bing Yu *see* Yoo, Y. 57248
Bing Zeng Design of optimal stack filters: a neural net approach with BP algorithm 25164
Bing Zeng, Liping Gu Roundoff noise analysis of paraunitary filter banks realized in lattice structure 45900
Bing Zeng *see* Lakamsani, P. 5173
Bing Zhang Jing *see* Jing Bing Zhang
Bing Zhao A statistical method for fringe intensity-correlated error in phase-shifting measurement: the effect of quantization error on the N-bucket algorithm 35340
Bing Zhou, Butcher, K.S.A., Zou, H., Xin Li, Tansley, T.L. Photoconductive decay in LCVD/PECVD low temperature grown GaN 33240
Bing Zhou *see* Butcher, K.S.A. 30941
Bing-Bing Chai, Xinhua Zhuang, Yunxin Zhao, Sklansky, J. Binary linear decision tree with genetic algorithm 15561
Bing-Fei Wu, Yu-Lin Su The ergodicity and stationarity property analysis of nonstationary stochastic processes using wavelet transforms 40024
Bing-Jing Li, Pao-Lo Liu Numerical analysis of microdisk lasers with rough boundaries 55678
Bing-Zhong Wang, Guanqiang Zhang, Gaofeng Wang The EMI properties of microstrip circuits in enclosures with slot apertures 11658
Bing-Zhong Wang, Guanqiang Zhang, Gaofeng Wang FDTD simulation for the EMI properties of impedance surface enclosures 14622
Bing-Zhong Wang *see* Gaofeng Wang 40243
Bing-Zhong Wang *see* Minqing Zhong 22102
Bingcheng Li *see* Dongming Zhao 56928
Bingchuan Yang *see* Yang Bingchuan
Bingchueng Xi *see* Xi Bingchueng
Bingert, J. *see* Wenk, H.-R. 32892
Bingfan Yang *see* Yang Bingfan
Binggeli, N. *see* Bardi, J. 12522
Binggeli, N. *see* Berthod, C. 12520
Binggeli, N. *see* Berthod, C. 54250
Binghai Luo *see* Luo Binghai
Bingham, A.H. *see* Neal, T.E. 39681
Bingham, C.M., Howe, D. Coprime factorisation techniques for multi-axis motion control 61211
Bingheng Xiang, Zhenprong Wang, Yongan Zhang, Liyun Zhong, Wenbi Zhang, Qimin Yang A novel method for evaluation of a thin, phase hologram 44790
Bingheng Xiong *see* Liyun Zhong 44814
Bingheng Xiong *see* Xiong Bingheng
Binghong Guan, Sechen, C. Large standard cell libraries and their impact on layout area and circuit performance 1056
Binghua Liu *see* Liu Binghua
Binghui Zhao *see* Zhao Binghui
Bingkun Zhou *see* Zhou Bingkun
Binglin Gu *see* Gu Binglin
Binglin Li *see* Li Binglin
Binglin Zhang *see* Zhang Binglin
Bingmann, D. *see* Widman, G. 8050
Bingqi, M. *see* Schmidt, J.P. 29349
Bingqian Li *see* Li Bingqian
Bingqing Wei *see* Wei Bingqing
Bingquan Wang *see* Wenhan Qin 8534
Bingrong Huang *see* Huang Bingrong
Bingru Chen *see* Chen Bingru
Bings, J.P. *see* Turflinger, T.L. 43326
Bingsuo Zou *see* Pengfei Wu 44656
Bingwen Liu *see* Jiang Chang 29131
Bingxiong Li *see* Li Bingxiong
Bingxue Shi Research on VLSI neural networks at IMETU 1660
Bingxue Shi *see* Liusheng Liu 21475
Bingxue Shi *see* Wei Lu 25341
Bingyi Zhang *see* Zhang Bingyi
Bingyin Xu *see* Xu Bingyin
Bingzhong Guan, Sechen, C. ASIC automatic layout generation using large standard cell libraries 53087
Bingzhong Zhang *see* Zhang Bingzhong
Binh, L.N., Chong, H.C. Improved WDM packet switch architectures with output channel grouping 35889
Binh, L.N. *see* Ngo, N.Q. 3995
Binh, N.Q., Berces, J., Frigyes, I. Estimation of the effect of nonlinear high power amplifier in M-QAM radio relay systems 6438
Binh Le Nguyen *see* Le Nguyen Binh
Binh Vu Thien *see* Vu Thien Binh
Bini, D.A. Numerical computation of polynomial zeros by means of Aberth's method 30578
Bini, M. *see* Olmi, R. 37831
Bini, M. *see* Poggi, G. 18118
Binjrajka, V., Chang, C.-C., Emanuel, A.W.R., Leaird, D.E., Weiner, A.M. Pulse shaping of incoherent light by use of a liquid crystal modulator array 3474
Binjrajka, V., Chang, C.-C., Emanuel, A.W.R., Leaird, D.R., Weiner, A.M. Pulse shaping of incoherent light by use of a liquid-crystal modulator array 3489
Binjrajka, V., Weiner, A.M. Effect of self-phase modulation on ultrashort pulse transmission in dispersion compensated systems with large broadening and compression 26800
Binks, D.J. *see* Gloster, L.A.W. 3782
Binnendijk, M., Merck, W.F.H., Smeets, R.P.P., Watanabe, K., Kaneko, E. High current interruption in vacuum circuit breakers 29475
Binns, K.J., Shimmin, D.W. Relationship between rated torque and size of permanent magnet machines 9230
Binns, R.J., Taylor, D., Pritchard, T.J., Generating, capturing and processing supply current signatures from analogue macros in mixed-signal ASICs 1622
Binshi Cao *see* Xydeas, C. 14901
Binsma, J.J.M. *see* Hummel, E. 16825
Binsma, J.J.M. *see* Spiekman, L.H. 24027
Binsma, J.J.M. *see* Spiekman, L.H. 26430
Binsma, J.J.M. *see* Tiemeijer, L.F. 6720
Binsma, J.J.M. *see* Tiemeijer, L.F. 16748
Binsma, J.J.M. *see* Tiemeijer, L.F. 23911
Binsma, J.J.M. *see* Tiemeijer, L.F. 33543
Binsma, J.J.M. *see* van Dam, C. 26931
Binsma, J.J.M. *see* Van Deventer, M.O. 26850
Binst, P.Van *see* Van Binst, P.
Binun, P.W., Boyd, T.L., Pessot, M.A., Tauimoto, D.H., Hargis, D.E. Pr:YLF, intracavity-pumped, room-temperature upconversion laser 14044
Biocca, P. Solder safety and disposal management 39768
Biolsi, P., Drachnik, L., Ellinger, S., Morvay, D. An advanced endpoint solution for <1% open area applications; contact and via 32230
Biolsi, P., Morvay, D., Drachnik, L., Ellinger, S. An advanced endpoint detection solution for <1% open areas 12797
Biondini, F., Solaas, G.A. Cross-phase repeat pass interferometry with ERS SAR 48113
Biondini, G. *see* Ablowitz, M.J. 4026
Biondo, B. *see* Agnetta, G.A. 18096
Bionta, R.M. *see* Hye-Sook Park 58842
Bionta, R.M. *see* Paolucci, P. 37242
Biotteau, B. *see* Hamaide, J.-P. 26828
Biotteau, B. *see* Kolltveit, E. 16720
Bipin Chadha *see* Welsh, J. 41211
Biqi Long, Ping Zhang Diversity performance of DS/CDMA communications on multipath fading channels 6611
Bir Bhanu *see* Shujun Zhang 15532
Bir Bhanu *see* Xing Wu 25630
Biraben, F. *see* Bourzeix, S. 14364
Biraben, F. *see* de Beauvoir, B. 27263
Biraben, F. *see* Touahri, D. 14172
Biran, G., Seidner, I. Network operators: the gap is closing [frame relay services] 16161
Birand, M.T. *see* Alatan, L. 34361
Birattari, C. *see* Agosteo, S. 37854
Birattari, C. *see* Bohus, L.S. 59299
Birattari, C. *see* Rozlosnik, N. 59297
Birau, M. Multi-mode linear analysis of plasma Cerenkov masers driven by relativistic electron beams 55480
Birbal, J.V. *see* Guentner, S. 59893
Birbas, A.N. *see* Triantis, D.P. 2632
Birbeck, J.C.H. *see* Heaton, J.M. 23573
Birch, B., Mansilla, S., Hart, K., Boger, D. Design for the environment project releases direct metallization performance results 31622
Birch, B. *see* Boger, D. 11878
Birch, J. *see* Radamson, H.H. 1989
Birch, M. *see* Yu, T.C.B. 23622
Birch, P.M. *see* Gourlay, J. 55319
Birchall, D.W., Chanaron, J.J., Soderquist, K. Managing innovation in SMEs: a comparison of companies in the UK, France and Portugal 20731
Bird, A.J. *see* Ramsden, D. 7845
Bird, G. *see* Read, M. 48837
Bird, G.C. Using tape and reel for high volume packaging of bare die 311
Bird, G.L. *see* Cox, A. 20208
Bird, J.P., Ferry, D.K., Edwards, G., Olatona, D.M., Newbury, R., Taylor, R.P., Ishibashi, K., Aoyagi, Y., Sugano, T., Ochiai, Y. Transition from chaotic to regular quantum scattering in mesoscopic billiards with nominally regular geometry 12467
Bird, J.P., Stopa, M., Taylor, R.P., Newbury, R., Aoyagi, Y., Sugano, T. Aharonov-Bohm oscillations in quantum dots: precise departures from h/e periodicity 42235
Bird, J.P. *see* Akis, R. 2205
Bird, J.P. *see* Ochiai, Y. 12468
Bird, J.P. *see* Sasaki, N. 42237
Bird, J.S. *see* Lixue Wu 48404
Bird, M.K. *see* Wohlmuth, R. 56051
Bird, R.T., Searle, R.C., Paskevich, V., Twichell, D.C. Merged GLORIA sidescan and Hydrosweep pseudo-sidescan: processing and creation of digital mosaics 18807
Bird, S. *see* Brist, G. 31625
Bird, T.S. Improved solution for mode coupling in different-sized circular apertures and its application 14703
Bird, T.S. Modelling arrays of circular horns with choke rings 34360
Bird, T.S. *see* Kot, J.S. 45406
Bird, T.S. *see* Preston, S.L. 24597
Bird, T.S. *see* Staveley-Smith, L. 36300
Birdsall, C.K. *see* Mardahl, P. 3676
Birdsall, C.K. *see* Oslake, J.M. 1953
Birdsall, C.K. *see* Oslake, J.M. 12120
Birdsall, C.K. *see* Verboncoeur, J.P. 12095
Birecik, S., Kurugollu, F. Comparison of thresholding methods for morphological edge detection 46189
Birello, G. *see* Rivetti, A. 48450
Biren Shah *see* Million, S. 6707
Birenbaum, L. *see* Liao, M. 24419
Birenbaum, L. *see* Mancini, R. 9456
Birenbaum, L. *see* Vottis, P.M. 24420
Birer, A. *see* Tavakkoli, J. 49780
Birge, J.R. *see* Cheever, E.A. 59795
Birge, R.R. *see* Stuart, J.A. 3342
Birgelen, C.von *see* von Birgelen, C.

Birgerson, J., Fahlman, M., Broems, P., Salaneck, W.R. Conjugated polymer surfaces and interfaces: a mini-review and some new results 13877
Birgerson, J. *see* Barta, P. 55449
Birjulin, P.I., Grishechkina, S.P., Ignatiev, A.S., Kopaev, Yu.V., Shmelev, S.S., Trofimov, V.T., Volchkov, N.A. Lateral transport in a structure with two tunnelling-coupled quantum wells in a transverse electric field 54208
Birk, M. *see* Bruce, S. 22786
Birke, P., Chu, W.F., Weppner, W. Materials for lithium thin-film batteries for application in silicon technology 51455
Birkedal, D. *see* Mizeikis, V. 42221
Birkedal, D. *see* Mizeikis, V. 54195
Birkel, M.von *see* von Birkel, M.
Birkelund, A.K. *see* Mullenborn, M. 2389
Birkelund, K., Mullenborn, M., Grey, F., Jensen, F., Madsen, S. Combined AFM and laser lithography on hydrogen-passivated amorphous silicon 32325
Birkett, A.N., Goubran, R.A. Fast nonlinear adaptive filtering using a partial window conjugate gradient algorithm 25222
Birkfeld, M., Hempel, K.A. A new field-sensing method to measure the power loss of electrical steel sheet under two-dimensional measuring conditions 3034
Birkfeld, M., Hempel, K.A. An extended description of the behaviour of steel sheet under rotational flux conditions 23300
Birkfeld, M. *see* Sievert, J. 23324
Birkmire, R.W. *see* Jensen, D.G. 39059
Birkmire, R.W. *see* McCandless, B.E. 39061
Birkmire, R.W. *see* Orbey, N. 30951
Birkmire, R.W. *see* Verma, S. 10831
Birks, E., Kusnetsov, M., Sternberg, A. Relation between deformation and polarization in the region of diffused phase transition of PLZT 8/65/35 2897
Birks, E. *see* Sternberg, A. 43503
Birks, T.A., Russell, P.St.J., Culverhouse, D.O. The acousto-optic effect in single-mode fiber tapers and couplers 3501
Birks, T.A. *see* Culverhouse, D.O. 13631
Birks, T.A. *see* Culverhouse, D.O. 13746
Birks, T.A. *see* Culverhouse, D.O. 14012
Birks, T.A. *see* Culverhouse, D.O. 23648
Birks, T.A. *see* Culverhouse, D.O. 36128
Birks, T.A. *see* Culverhouse, D.O. 44128
Birks, T.A. *see* Dong, L. 16698
Birks, T.A. *see* Seok Hyun Yun 44129
Birla, N., Tripathi, K.N., Kapoor, A., Roy, A. Phase conjugation by DFWM in PR media in the presence of biasing incoherent illumination: effect of spatially varying input beams 24079
Birman, A. Biconical all-fiber crystal polarizer 23512
Birman, A., Kogan, Y. Error bounds for asymptotic approximations of the partition function 52414
Birman, K. *see* Rodrigues, L. 5847
Birnbaum, M., Brown, K.L., Bardenhagen, S. Text-independent speaker identification 15084
Birnbaum, M. *see* Kuo, Y.-K. 3763
Birnbaum, M. *see* Stultz, R.D. 3926
Birnbaum, M. *see* Yen-Kuang Kuo 3776
Birnboim, M. *see* Min-Jin Ko 826
Biro, D. *see* Knobloch, J. 39192
Biro, J., Halasz, E., Tron, T., Boda, M., Privitzky, G. Neural networks for exact constrained optimisation 10375
Biro, J. *see* Farago, A. 26028
Biro, L.P. *see* Rozlosnik, N. 59297
Biro, O., Bardi, I., Preis, K., Renhart, W., Richter, K.R. A finite element formulation for eddy current carrying ferromagnetic thin sheets 44939
Biro, O. *see* Groiss, S. 41420
Biro, O. *see* Preis, K. 39628
Biron, D., Vincent, C., Giroux, M., Maire, A. Lethal effects of microwave exposures on eggs and pupae of the cabbage maggot and cabbage plants 61338
Biroscak, D. *see* Abedini, A. 8287
Biroscak, D. *see* Kronberg, F. 6033
Birou, I., Imecs, M., Kelemen, A. Implementation of fuzzy-control for induction motor drive using MC 68000 processor 61226
Birou, I. *see* Eutebach, T. 61205
Birou, I. *see* Kelemen, A. 51432
Birru, D. Noise shaping with reduced clock frequency 1524
Birsa, F. *see* Kurczynski, P. 59369
Birsa, F. *see* Stahle, C.M. 37354
Birsan, M., Szpunar, J.A. Anisotropy of power losses in textured soft magnetic materials 3049
Birsan, M., Szpunar, J.A. The influence of texture on power losses in nonoriented electrical steels 43627
Birta, L.G., Ping Cheng Parallel Runge-Kutta and predictor-corrector methods for continuous system simulation 40234
Birta, L.G., Yang, L. Some P(EC)^{m}E methods for the parallel solution of ODEs 40233
Birta, L.G. *see* Oren, T.I. *(editor)* 39593
Birtcher, C. *see* Katsibas, K.D. 34314
Birtwhistle, D. *see* Blackmore, P. 43565
Birtwhistle, D. *see* Cash, G. 43564
Birtwistle, K. *see* Casey, S. 55047
Birulin, A.V., Platonenko, V.T., Ferrante, G., Fiordilino, E. Modifications of high harmonic spectra by ion resonant transitions 14394
Birurakis, W., Lopez, M.A. Trends and directions in automated testing of electro-optical weapon systems 18995
Biryukov, A.S., Bogatyrev, V.A., Khitun, A.G. Modeling of a method of freezing a metal coating onto optical fibers 55180
Biryukov, S.V., Polevoi, V.G. The electrostatic problem for the SAW interdigital transducers in an external electric field. I. A general solution for a limited number of electrodes 3020
Biryukov, S.V., Polevoi, V.G. The electrostatic problem for the SAW interdigital transducers in an external electric field. II. Periodic structures 3021
Biryukov, V. *see* Murphy, C.T. 49262
Biryukov, V.A., Potapov, V.T. The coherent frequency domain reflectometry techniques for multiplex fiber systems 7376
Biryukova, I.P., Golenkov, A.N., Likhachev, S.M. Comparison of hydrophone calibration methods in the infra- to ultrasonic frequency range 8573
Bisaga, J.J., Crifasi, J.A. Rapid deployment voice switches for Dallas/Ft. Worth and Chicago Tower/TRACON facilities 59995
Bisaro, R. *see* Parillaud, O. 10704
Bisaro, R. *see* Varniere, F. 43494
Bisceglie, M.Di *see* Di Bisceglie, M.
Bischel, W.K. *see* Brinkman, M.J. 13690
Bischl, H. *see* Lutz, E. 6701
Bischof, J. *see* Schilling, A. 17861
Bischof, W.F. *see* Caelli, T. 25681
Bischoff, J., Baumgart, J.W., Bauer, J.J., Truckenbrodt, H. Light scattering based micrometrology 7573
Bischoff, J. *see* Kleemann, B.H. 2521
Bischoff, J.-C. Advanced multimedia services for residential users 16384
Bischoff, J.L. *see* Simon, L. 813
Bischoff, J.L. *see* Simon, L. 30811
Bischoff, L. *see* Hesse, E. 7779
Bischoff, L. *see* Teichert, J. 48549
Bischoff, M. Operation and maintenance of photonic networks 6760
Bischoff, M., Huber, M.N., Jahreis, O., Derr, F. Operation and maintenance for an all-optical transport network 6822
Bischoff, R. *see* Bouscayrol, A. 51787
Bischoff, S. *see* Brorson, S.D. 23937
Bischoff, S. *see* Franck, T. 3866
Biscuso, M. *see* Kastella, K. 50260
Bisdikian, C., Lew, J.S., Tantawi, A.N. The generalized D$^{[x]}$/D/1 queue: A flexible computer communications model 16069
Bisdikian, C., Maruyama, K., Seidman, D.I., Serpanos, D.N. Cable access beyond the hype: on residential broadband data services over HFC networks 6360
Bisdikian, C., McNeil, B., Norman, R. ms START: a random access algorithm for the IEEE 802.14 HFC network 26113
Bisdikian, C. *see* Matragi, W. 35438
Bisdikian, C.C. A review of random access algorithms 25934
Bisdikian, C.C. The n-ary stack algorithm in wireless networks with capture 36036
Bisdikian, C.C., Schaffa, F.A. The multimedia gateway: an evolution towards switched video services 47387
Bisdounis, L., Koufopavlou, O., Nikolaidis, S. Accurate evaluation of CMOS short-circuit power dissipation for short-channel devices 13130
Bisdounis, L., Nikolaidis, S., Koufolavlou, O., Goutis, C.E. Modeling the CMOS short-circuit power dissipation 1315
Bisello, D., Da Rold, M., Franzin, L., Paccagnella, A., Wheadon, R. Radiation effects; on breakdown in silicon multiguarded diodes 7813
Bisello, D. *see* Antos, J. 37373
Bisello, D. *see* Bacchetta, N. 36561
Bisello, D. *see* Bacchetta, N. 59289
Bisello, D. *see* Candelori, A. 59290
Bisello, D. *see* Matthews, J.A.J. 37266
Bisero, D., van Oerle, B.M., Ernst, G.J., Verschuur, J.W.J., Witteman, W.J. Photoemission from K-Te photocathodes 12067
Bisero, D., Van Oerle, B.M., Ernst, G.J., Verschuur, J.W.J., Witteman, W.J. High efficiency photoemission from Cs-K-Te 41743
Bisero, D. *see* Verschuur, J.W.J. 14202
Bisero, D. *see* Witteman, W.J. 55743
Bisgaard, S., Ankenman, B. Standard errors for the eigenvalues in second-order response surface models 10422
Bisgaard, S. *see* Friedmann, J.B. 32078
Bishara, M., Ata, O., Faulkner, M. Effect of power change from interferer sources on the CDF probability in a mobile radio cellular system 58174
Bishop, A. *see* Barker, P. 59088
Bishop, A.R. *see* Cai, D. 23491
Bishop, J., Ossenbrink, H. Results of five years of module qualification testing to CEC Specification 503 [solar cell arrays] 39158
Bishop, J.R., Dammann, W.P. Cabling and mooring a remotely operated ADCP for real-time data acquisition 50180
Bishop, K. *see* Newman, D. 57876
Bishop, K.P. *see* Pierson, R.E. 25265
Bishop, M.T., Mendis, S.R., Witte, J.F., Myers, P. Overcurrent protection device miscoordination issues that result in plant outages and costly down time 51902
Bishop, M.T., Witte, J.F., Morgan, R.B. Steel mill tackles power quality and power factor problems 39446
Bishop, P.J. *see* Daniels, M.E. 54204
Bishop, R. *see* Williams, D. 1369
Bishop, R.G. *see* Groat, J. 18624
Bishop, R.H. *see* Carpenter, J.R. 49926
Bishop, S.G. *see* Li, X. 10808
Bishop, S.G. *see* Li, X. 52727
Bishop, S.G. *see* Myoung, J.M. 2004
Bishop, S.G. *see* Panepucci, R. 22377
Bishop, S.G. *see* Ramachandran, S. 14454
Bishop, S.G. *see* Sengupta, D.K. 27579
Bishop, S.G. *see* Sengupta, D.K. 54326
Bishop, W.J., Pradels, S.A., Baiocchi, O.R. Visualization of pulse propagation phenomena with MATLAB and Wavefront software 20494
Bishop, W.L. *see* Jones, J.R. 53579
Bisi, M., Bertinetto, F. Amplitude noise and linewidth reduction of an Ar$^+$ laser 23732
Bisi, M. *see* Bertinetto, F. 13978
Bisiach, L., Cappellieri, D., Gualandi, M.P., Mirra, C.M., Silvestri, M. Earthing of the neutral of MV networks by an impedance. General aspects 60426
Bisio, G. Thermodynamics of thermomagnetic effects and application to magnetic refrigerators and heat pumps 20251
Bisio, G.M. *see* Raffo, L. 31328
Bismuth, J., Othonos, A., Sweeny, M., Kevorkian, A., Xu, J.M. Superimposed gratings WDM on Ge-doped silica on silicon planar waveguide 36111
Bismuth, N. *see* O'Regan, K. 56788
Bisoffi, G., Favaron, P., Lombardi, A., Pisent, A., Tovo, R. The positive ion injector for ALPI 49154
Bisoffi, G. *see* Dainelli, A. 49138
Bisoffi, G. *see* Fortuna, G. 49069
Bisoffi, G. *see* Lombardi, A. 37117
Bisoffi, G. *see* Palmieri, V. 49140
Bisoffi, G. *see* Porcellato, A.M. 49142
Bisoffi, G. *see* Spolaore, P. 23207
Bisogni, M.G. Semiconductor detectors for digital radiography 7809
Bisogni, M.G. *see* Amendolia, S.R. 37346
Bisogni, M.G. *see* Bertolucci, E. 37628
Bisogni, M.G. *see* Marchesini, R. 59447
Bisotto, S. *see* Delorme, N. 54512
Bisquay, H. *see* Tonchia, H. 49994
Bisquert, J. *see* Garcia-Belmonte, G. 37559
Bissell, P.R. *see* Warren, A.P. 23358
Bissen, M. *see* Fisher, M.V. 37551
Bissessur, H., Mukaihara, T., Abe, M., Koyama, F., Iga, K. Modeling of low-threshold vertical cavity surface emitting lasers for optical interconnects 33556
Bissessur, H. *see* Brosson, P. 44079
Bisset, D.L. *see* Howells, G. 35143
Bissonnette, L.R. Multiple-scattering lidar equation 18830
Bist, A., Sriram, P. Constrained trellis based rate control scheme for low bit rate video coding 57096
Bist, K.S., Jain, S.C., Mehta, S.D., Singh, M. A compact correlator using optical phase conjugation 5206
Bista, B.B., Zixue Cheng, Togashi, A., Shiratori, N. A synthesis algorithm of a protocol model from a single entity 16090
Bistritz, Y. Stability testing of 2-D digital system polynomials using a modified unit circle test for 1-D complex polynomials 4812
Bistritz, Y. *see* Cohen, Y. 34694
Bistrovic, M. *see* Vrtar, M. 37858
Biswas, A. *see* Kumar, P. 31481
Biswas, C. *see* Na, H.R. 18858
Biswas, D. *see* Kundu, S. 31979
Biswas, D.J., Padma Nilaya, J., Chatterjee, U.K. Single switch as a driver of two high-repetition-rate lasers 44606
Biswas, G.P., Sengupta, I. Design of t-UED/AUED codes from Berger's AUED code 53177
Biswas, G.P., Sengupta, I. A design technique of TSC checker for Borden's code 56273
Biswas, P., Freeman, A., Yamada, K., Nakagawa, N., Uchiyama, K. Functional verification of the superscalar SH-4 microprocessor 41228
Biswas, R., Ozbay, E., Ho, K.-M. Photonic band gaps with layer-by-layer double-etched structures 1706
Biswas, R. *see* Sigalas, M.M. 14697
Biswas, R.G. *see* Krishna, M.G. 55165
Biswas, S., Bhattacharya, R. A new suspension system for the measurement of magnetic susceptibility along different directions of anisotropic crystals with the help of Curie balance 7535
Biswas, S.K. *see* Raychaudhuri, D. 6089
Biswas, S.K. *see* Raychaudhuri, D. 26517
Biswas, S.K. *see* Yuan, R. 6507
Biswas, S.K. *see* Yuan, R. 47689
Bitar, N.N., Espy-Wilson, C.Y. Knowledge-based parameters for HMM speech recognition 15119
Bitmead, R.R. *see* Jones, H.M. 45650
Bitner, T.W. *see* Lee, E.J. 54549
Bito, J.Von *see* Von Bito, J.
Bito, Y. *see* Ito, S. 61037
Bitoh, T. *see* Konno, Y. 53086
Bitoux, M.Le *see* Le Bitoux, M.
Bitria, J. *see* Vanrell, M. 46327

Bitsch, P., Gassmann, R., Kleiber, F. DECT–a range of cordless telephone-microsystems for the SoHo market 36026
Bittanti, S., Campi, M., Savaresi, S.M. Unbiased estimation of a sinusoid in colored noise via adapted notch filters 45878
Bittanti, S., Gatti, E., Ripamonti, G., Savaresi, S.M. High-accuracy fit of the poles of spectroscopy amplifiers designed for mixed analog-digital filtering 59308
Bittebierre, J. *see* Alsous, M.B. 13994
Bitterlich, S.J., Meyr, H. Logic synthesis of binary, carry-save and mixed-radix arithmetic for digital signal processing 31292
Bittner, R. *see* Meerholz, K. 24231
Bittner, R.A., Jr., Athanas, P.M., Musgrove, M.D. Colt: an experiment in Wormhole Run-Time Reconfiguration 45722
Bityurin, N. *see* Luk'yanchuk, B. 947
Bitzer, B., Rosser, F., Papazoglou, T.M. 24 hours load forecasting for the energy management system on Crete–online training and forecasting of load data 19255
Bitzer, B.E. European consortium studies intelligent forecasting 50488
Bitzer, D.L. *see* Dixit, P. 6191
Biunno, N. *see* Howard, J. 11946
Biunno, N. *see* Tan, K.P.S. 22018
Biverot, H. A new principle for generation of images 17637
Biviano, A. *see* Cesarsky, C.J. 36548
Bivins, E.A., Hayes, M.E., Stewart, R.K., Jr. Testing and qualification of HFE/co-solvent cleaning agents in vapor degreasing applications 22054
Bivol, V.V., Triduh, G.M., Akimova, E.A., Tsiulyanu, D.I. Electro- and photostimulated chemical processes in aluminium-chalcogenide glass semiconductor thin layer structures 42257
Biwa, G. *see* Yaguchi, H. 40455
Biwersi, S. *see* Manceau, J.-F. 17808
Bixiong Shi *see* Shi Bixiong
Biyari, K.H. *see* Samiuddin, M. 16558
Biying Huang, Rongjian Xue, Guobao Li, Yuzhen Huang, Hongwei Yan, Liquan Chen, Fosang Wang Lithium-ion rechargeable cells with polyacenic semiconductor (PAS) and $LiCoO_2$ electrodes 9520
Biying Huang, Yuzhen Huang, Zhaoxiang Wang, Liquan Chen, Rongjian Xue, Fosong Wang Characteristics of pyrolyzed phenol-formaldehyde resin as an anode for lithium-ion batteries 9526
Bizeau, C., Costa, M., Dufey, J.-P., Letheren, M., Pacheco, A., Paillard, C., Calvet, D., Le Du, P., Mandjavidze, I., Weymann, M., Wiesel, A. On the integration of high performance ATM-based event builders 57597
Bizioukov, A.A., Kashaba, A.Y., Sereda, K.N., Tseluyko, A.Ph., Yunakov, N.N. Multichannel source of synthesized ion-electron flow 7774
Bizjak, M., Koller, L., Pozun, K., Leskosek, J. Determination of critical conditions for contact reliability of Ag-base contact material 41567
Bizyukov, A.A., Sereda, K.N., Sereda, N.D., Perevozchikov, B.N., Sleptsov, V.V. A heavy-current impulsive ion source with an evaporated anode [and application to coating deposition] 37198
Bizzan, S.S. *see* Zhongde Wang 21635
Bizzell, J. *see* Beringer, J. 37394
Bizzi, A., Righini, A., Turner, R., Le Bihan, D., Bockhorst, K.H., Alger, J.R. Imaging focal reperfusion injury following global ischemia with diffusion-weighted magnetic resonance imaging and ^{1}H-magnetic resonance spectroscopy 37622
Bjarklev, A. Hybrid erbium-doped fiber for gain flattened operation 33425
Bjarklev, A. *see* Philipsen, J.L. 55531
Bjedov, G., Andersen, P.K. Should freshman engineering students be taught a programming language? 20475
Bjelic, S., Matic, D., Nerandzic, M. Calculation of indices of reliability for 110/35 kV Valac substation 19308
Bjelkhagen, H.I., Qiang Huang Large-format color holograms recorded on ultra-high resolution silver-halide emulsion 44799
Bjerkan, L. *see* Hjelme, D.R. 36600
Bjerring, L.H., Lewis, D., Thorarensen, I.H. Interdomain service management of broadband virtual private networks 46897
Bjerring, L.H. *see* Lewis, D. 35598
Bjorck, A. *see* Niu, S.S. 583
Bjorgvinsson, J.B. *see* Palsson, T. 28285
Bjork, G. *see* Cao, H. 42226
Bjorkholm, J.E. *see* Kania, D.R. 22664
Bjorklund, G.C. *see* Hill, R.A. 26719
Bjorklund, G.C. *see* Knoesen, A. 55315
Bjorkman, M. *see* Ahlgren, B. 5862
Bjorkman, N. *see* Molnar, S. 35812
Bjorksten, A. *see* Puri, R. 11335
Bjorna, N. *see* Malnes, E. 56056
Bjornevik, L.R. *see* Vistnes, A.I. 49809
Bjornholm, T. *see* Jakobsen, C. 48964
Bjornland, D.F., Ciancetta, M.C., Lavagnolo, R., Marchese, P., Vozza, V. IN architectural options for handling calls to CTM users 47281
Bjornland, D.F. *see* Ciancetta, M.C. 47298
Blaabjerg, F., Christensen, L., Hansen, S., Kristoffersen, J.R., Rasmussen, P.O. Sensorless control of switched reluctance motor with variable-structure observer 50952
Blaabjerg, F., Freysson, S., Hansen, H.H., Hansen, S. Comparison of a space-vector modulation strategy for a three phase standard and a component minimized voltage source inverter 51181
Blaabjerg, F., Pedersen, J.K. Modulation and current sensing technique an integrated part for low-cost motor-drive 9380
Blaabjerg, F., Pedersen, J.K. A new low-cost, fully fault-protected PWM-VSI inverter with true phase-current information 29406
Blaabjerg, F., Pedersen, J.K. Optimized design of a complete three-phase PWM-VS inverter 60933
Blaabjerg, F., Pedersen, J.K., Jaeger, U. A critical evaluation of modern IGBT-modules 43038
Blaabjerg, F., Pedersen, J.K., Jaeger, U., Thoegersen, P. Single current sensor technique in the DC-link of three-phase PWM-VS inverters. A review and the ultimate solution 38832
Blaabjerg, F., Pedersen, J.K., Kazmierkowski, M.P. DSP based current regulated PWM inverter-fed induction motor drive without speed sensor 9624
Blaabjerg, F., Pedersen, J.K., Oestergaard, L., Kirlin, R.L., Trzynadlowski, A.M., Legowski, S. Optimized and non-optimized random modulation techniques for VSI drives 29732
Blaabjerg, F., Pedersen, J.K., Oestergaard, L., Kirlin, R.L., Trzynadlowski, A.M., Legowski, S. Optimized and non-optimized random modulation techniques for VSI drives 51687
Blaabjerg, F., Pedersen, J.K., Sigurjonsson, S., Elkjaer, A. An extended model of power losses in hard-switched IGBT-inverters 38847
Blaabjerg, F., Pedersen, J.K., Thoegersen, P. Improved modulation techniques for PWM-VSI drives 39281
Blaabjerg, F. *see* Kjaer, P.C. 61164
Blaabjerg, S. *see* Ast, L. 57590
Blaauw, D. *see* Glebov, A.L. 21611
Blaauw, M., Ammerlaan, M.J.J., Gelsema, S.J. The use of sources emitting coincident gamma-rays for the determination of photopeak and total efficiencies in non-point-source counting geometries 49331
Blaauw, M. *see* Gelsema, S.J. 7800
Blache, F., Keradec, J.P., Schanen, J.L. Improving electronic simulation accuracy by using new equivalent circuits for wound components 40920
Blache, F. *see* Tabaga, S. 41555
Blache, P. *see* Buhler, S. 49018
Black, A. *see* Johnson, K.S. 2484
Black, A.J. *see* Montanaro, J. 1446
Black, A.W. *see* Hunt, A.J. 14964
Black, B.A. From conservation to Kirchhoff: getting started in circuits with conservation and accounting 20627
Black, C.T. *see* Johnson, K.S. 2484
Black, J.C. Management by strategic planning 20767
Black, J.T. *see* Jiang, B.C. 59007
Black, J.V., Reed, C.M. A hybrid parametric, non-parametric approach to Bayesian target tracking 25243
Black, J.V., Reed, C.M. A hybrid parametric, non-parametric approach to Bayesian target tracking 36246
Black, K. A spectral element technique with a local spectral basis 40168
Black, K.A. *see* Norga, G.J. 42567
Black, K.J., Videen, T.O., Perlmutter, J.S. A metric for testing the accuracy of cross-modality image registration: validation and application 7939
Black, M.R. *see* Agarwal, A.M. 3437
Black, M.R. *see* Norga, G.J. 42567
Black, N.D. *see* Li, M. 49797
Black, R.C. *see* Vlahacos, C.P. 7556
Black, R.J., Jr., MacDonald, V. The impact of chip scale packages on the SMT assembly process 20867
Black, S. *see* Debus, J.C. 23167
Black, T.D. *see* Tello, L.N. 38129
Black, W.Z. *see* Harshe, B.L. 28900
Blackband, S.J. *see* Gibbs, P. 8004
Blackburn, D.L. *see* Adams, V.H. 52274
Blackburn, J. *see* Judy, D.C. 28021
Blackburn, S.R. A note on sequences with the shift and add property 379
Blackburn, S.R. Node bisectors of Cayley graphs 10299
Blackburn, S.R. Fast rational interpolation, Reed-Solomon decoding, and the linear complexity profiles of sequences 34591
Blackburn, T.R. *see* Sheehy, R.C. 9176
Blackburn, T.R. *see* Zargari, A. 9317
Blackburn, T.R. *see* Zargari, A. 32692
Blackburn, T.R. *see* Zargari, A. 38793
Blacker, T., Mitchell, S.A., Tautges, J., Murdoch, P., Benzley, S. Forming and resolving wedges in the spatial twist continuum 30667
Blacker, T. *see* Whiteley, M. 632
Blackert, W.J., Hall, E.K., Wilson, S.G. An upper bound on turbo code free distance 4471
Blackie, N.M., Ling, N., Brown, P. Research into interactive multimedia customer services on demand for the commercial environment 47332
Blackie, N.M., Linge, N., Brown, P. Interactive customer services–improving communications with customers 57997
Blackman, D. *see* Mueller, P. 34707
Blackman, S.S. *see* Dempster, R.J. 48048
Blackmore, K.L., Williamson, R.C., Mareels, I.M.Y. Decision region approximation by polynomials or neural networks 52442
Blackmore, P., Birtwhistle, D. Characteristics of surface discharges on outdoor high voltage insulation 43565
Blackmore, P. *see* Cash, G. 43564
Blacknell, D. A mixture distribution model for correlated SAR clutter 48059
Blacknell, D., Tough, R.J.A. Clutter discrimination in polarimetric and interferometric synthetic aperture radar imagery 48097
Blacknell, D. *see* Jahangir, M. 16836
Blacknell, D. *see* Jahangir, M. 48063
Blackwell, H., Waddell, E.M., Gibson, D.R., McDermott, P. Broadband IR transparent rain and sand erosion protective coating for the AV8-B and GR-7 Harrier forward looking infra-red germanium window 3552
Blackwell, R. *see* Marshall, C. 17487
Blackwell, R.H. Analysis of peak power in GSM and CDMA digital cellular systems 26524
Blad, B., Baldetorp, B. Impedance spectra of tumour tissue in comparison with normal tissue; a possible clinical application for electrical impedance tomography 18453
Blad, B., Nilsson, P., Knoos, T. The influence of air humidity on an unsealed ionization chamber in a linear accelerator 8111
Bladel, J.G.Van *see* Van Bladel, J.G.
Blaesner, W. Intelligent battery charging: universal concept for quick charging of NiCd or NiMH cells 29431
Blaesser, G. *see* Yordi, B. 60601
Blaga, I. *see* Bodca, E. 48743
Blaga, I. *see* Bodea, E. 48742
Blaga, P., Micula, G., Akca, H. On the use of spline functions of even degree for the numerical solution of the delay differential equations 30553
Blagajac, S. *see* Krajcer, S. 60324
Blagajac, S. *see* Skrlec, D. 8880
Blagoev, K.B., Popov, G., Dimova, E. Laser action of $nd^s(n+1)s^2$-$nd^s(n+1)p$ transitions in HgIII, CuII and AgII 3691
Blaikie, R.J., Taylor, D.P., Gough, P.T. Multilevel differential polarization shift keying 24640
Blaikie, R.J. *see* Hamel, J.S. 54590
Blair, A. *see* Abys, J.A. 30845
Blair, C., Luk, T., Darmawan, J., Bien, D. An 0.5 μm BiCMOS technology for low power wireless telecommunications applications 23014
Blair, D.G., Notcutt, M., Taylor, C.T., Wong, E.K., Walsh, C., Leistner, A., Seckold, J., Mackowski, J.-M., Ganau, P., Michel, C., Pinard, L. Development of low-loss sapphire mirrors 33204
Blair, D.G. *see* Notcutt, M. 24040
Blair, D.G. *see* Taylor, C.T. 24038
Blair, D.G. *see* Tobar, M.E. 50242
Blair, D.M., Halperin, H.R. Hand-held, dynamic indentation system for measuring myocardial transverse stiffness 49384
Blair, G. *see* Barnes, N. 6135
Blair, G.M. Comment on new differential flip-flops from Yuan and Svensson 1232
Blair, G.M. Verilog: accelerating digital design 53245
Blair, G.M., Afghani, M.C. Comments on "A robust single phase clocking for low power, high-speed VLSI applications" [and reply] 11549
Blair, G.S., Blair, L., Stefani, J.B. A specification architecture for multimedia systems in open distributed processing 47373
Blair, G.S. *see* Davies, N. 47585
Blair, H.D., Pan, T.-Y., Hohnke, D.K., Nicholson, J.M. Design of flip chips in automotive applications 39348
Blair, H.D., Tsung-Yu Pan, Cooper, R.P., Nicholson, J.M., Poulson, R.H., Stine, S.C., Ezis, K., Mitlin, D. Copper dissolution in molten solders 40664
Blair, H.D., Tsung-Yu Pan, Nicholson, J.M., Cooper, R.P., Sung-Won Oh, Farah, A.R. Manufacturing concerns of the electronic industry regarding intermetallic compound formation during the soldering stage 20847
Blair, H.D. *see* Ray, U. 22060
Blair, J.B., Harding, D.J., Coyle, D.B. Using laser echo recovery and a scannable field-of-view telescope to determine vegetation structure and subcanopy topography over wide swaths 8326
Blair, J.B. *see* Bufton, J.L. 28600
Blair, J.M. *see* Haiping Su 8412
Blair, J.R.S., Lloyd, E.L. River routing with a generalized model 21420
Blair, L. *see* Blair, G.S. 47373
Blair, L.T. *see* Percival, R.M. 26817
Blair, P. *see* Barrett, C.P. 13764
Blair, S., Wagner, K., McLeod, R. Material figures of merit for spatial soliton interactions in the presence of absorption 3983
Blair, S. *see* Sarto, A.W. 24588
Blair, W.D., Brandt-Pearce, M. Radar waveform requirements for reliable detection of an aircraft-launched missile 38179
Blair, W.D., Brandt-Pearce, M. Statistical description of monopulse parameters for tracking Rayleigh targets 48049
Blair, W.D., Brandt-Pearce, M. Discrimination of target and RGPO echoes using frequency diversity 50279

Blair, W.D., Watson, G.A., Brandt-Paerce, M. Monopulse processing for DOA estimation of two unresolved Rayleigh targets with known relative RCS 48091
Blair, W.D. *see* Chen, R.C. 48045
Blair, W.D. *see* Conte, J.E. 38178
Blair, W.D. *see* Groves, G.W. 48090
Blais, A. *see* Labonte, S. 59783
Blais, F. *see* Laurin, D.G. 6975
Blais, F. *see* Soucy, M. 57259
Blaisdell, S., Middleton, A., Anderson-Rowland, M. Re-engineering engineering education to retain women 20608
Blaise, G. Charge trapping in thin SiO_2 layers: application to the breakdown of MOS 32084
Blaise, P. *see* Farah, J. 9553
Blaje, V.A. *see* Korotchenkov, G.S. 42275
Blajiev, O. *see* Armyanov, S. 43641
Blajszczak, G. Converter filters for distortions produced by arc furnace 9731
Blajszczak, G. New converter with pulse amplitude modulation–an experimental study 51343
Blake, A. *see* Cipolla, R. 56895
Blake, A. *see* White, R.G. 16955
Blake, D.K. *see* Foos, J.S. 28080
Blake, G.A. *see* Sheng Wu 24128
Blake, G.M. *see* Patel, R. 7896
Blake, I.F., Tarokh, V. On the trellis complexity of the densest lattice packings in R^n 601
Blake, I.F. *see* Muzhong Wang 34501
Blake, I.F. *see* Pimentel, C. 45500
Blake, I.F. *see* Tarakh, V. 24694
Blake, I.F. *see* Tarokh, V. 24693
Blake, I.N., III Lessons learned about fabrication of space solar arrays from thermal cycle failures 38012
Blake, J. Current sensors based on the Sagnac interferometer 27619
Blake, J., Szafraniec, B. Polarization impulse response function of a single mode fiber gyro coil 27629
Blake, J. *see* De Carvalho, R.T. 27621
Blake, J. *see* Short, S.X. 7393
Blake, M. The Internet for small businesses: how to get what you want 6198
Blake, M., Hoath, P. Implementing multiple impedance multiple bus backplanes 49412
Blake, P. Turning on the Net 26097
Blake, P. Who's going interactive [cable TV] 48234
Blake, P. The new matchmakers [Joint utility/telecommunications company ventures] 57693
Blake, P. A digital data recording and playback system 58655
Blake, P.L., Pellegrini, G., Vriesenga, M. Subpixel material identification by residual correlation 15772
Blake, R.L. *see* Graessle, D.E. 28539
Blake, W., Jr. Legalnet: solo practitioners and the utility of the Internet 6062
Blake-Campos, R.P. *see* Gronowski, P.E. 1444
Blakeley, R. Retrofit–a realistic option for switchgear replacement 51396
Blakely, J. *see* Tanaka, S. 42361
Blakely, J.M. *see* Umbach, C.C. 22564
Blakemore, F.B., Davies, C., Jones, K. Combined heat and power, economies of scale and option appraisal 29075
Blakemore, J.S. *see* Henry, R.L. 30689
Blakers, A.W. *see* Weber, K.J. 51577
Blakey, M.I. *see* Harriott, L.R. 22700
Blakey, M.I. *see* Harriott, L.R. 42874
Blakey, P.A., Khazhinsky, M.G., Loechelt, G.H. Direct numerical simulation of the large-signal RF behavior of power transistors 54563
Blakley, T.J. *see* Ein-Eli, Y. 60991
Blalack, T., Lau, J., Clement, F.J.R., Wooley, B.A. Experimental results and modeling of noise coupling in a lightly doped substrate 43241
Blalock, B.J. *see* Allen, P.E. 22989
Blalock, G. *see* Bier, J. 24913
Blalock, T. *see* Bamber, C. 55579
Blalock, T.V. *see* Jackson, R.G. 59322
Blamey, P.J., Dooley, G.J., Parisi, E.S., Clark, G.M. Pitch comparisons of acoustically and electrically evoked auditory sensations 28432
Blanas, P. *see* Wenger, M.P. 43497
Blanas, P. *see* Wenger, M.P. 43500
Blanc, A. *see* Widmer, A.X. 26425
Blanc, C.Le *see* Le Blanc, C.
Blanc, E. *see* Parrot, M. 48197
Blanc, J.C. *see* Camiade, M. 61299
Blanc, S.P.Le *see* Le Blanc, S.P.
Blanc-Benon, P. *see* Sitbon, S. 58488
Blanc-Feraud, L., Teboul, S., Aubert, G., Barlaud, M. Nonlinear regularization using constrained edges in image reconstruction 57269
Blanc-Feraud, L. *see* Charbonnier, P. 25643
Blanc-Feraud, L. *see* Koulibaly, P.M. 59521
Blanc-Feraud, L. *see* Lobel, P. 35062
Blanc-Mignon, M.E. *see* Siblini, A. 23338
Blanca, C.Mar *see* Mar Blanca, C.
Blanca, N.Perez de la *see* Perez de la Blanca, N.
Blanch, S., Yaccarino, R.G., Romeu, J., Rahmat-Samii, Y. Near-field to far-field transformation of bi-polar measurements by equivalent magnetic current approach 34378
Blanchard, A. *see* Dutkiewicz, M. 28711
Blanchard, B. *see* Sagnes, I. 22595
Blanchard, C. *see* Bartak, J. 9056
Blanchard, D. *see* Lindquist, R. 38583
Blanchard, H., Chiesi, L., Racz, R., Popovic, R.S. Cylindrical Hall device 42908
Blanchard, H. *see* Schott, C. 17295
Blanchard, J.-L., Louage, S. An interactive and integrated thermal characterization of component placement on a printed circuit board 41606
Blanchard, K. *see* Lieske, R. 41672
Blanchard, M., Delorme, L., Simard, C., Nadeau, Y. Experience with optimization software for distribution system planning 19290
Blanchard, R.D. Sunlight readable display technology: a dual use case study 18616
Blanchard, S.M. *see* Wells, J.H. 20634
Blanchard, X. *see* Pointurier, F. 18154
Blanchard-Desce, M. *see* Alain, V. 24162
Blanchetiere, C. *see* Gilbert, F. 36621
Blanchette, M. *see* Abbas, H. 45817
Blanchette, M. *see* Abbas, H.M. 48121
Blanchette, M. *see* Zhijian Hu 34789
Blanchot, N., Rouyer, C., Sauteret, C., Migus, A. Control of ultrashort pulse distortions using phase modulators: principles and analysis to the case of chirped pulse amplification 3952
Blanck, H., Delage, S.L., Cassette, S., Floriot, D., Chartier, E., diForte-Poisson, M.A., Watrin, E., Bourne, P. High efficiency InGaP/GaAs HBT power amplifiers 53667
Blanck, H. *see* Borgarino, M. 54599
Blanck, H. *see* Dhondt, F. 54613
Blanck, H. *see* Henkel, A. 32144
Blanck, H. *see* Henkel, A. 41468
Blanck, H. *see* Plana, R. 32379
Blanco, C., Alonso, J.M., Villegas, P., Lopez, E., Rico, M. High frequency supply system with power factor correction for halogen cycle lamps 51830
Blanco, C., Perez, M.A., Rico, M., Uceda, J. Design of the delay line power supply of a TWT 51233
Blanco, C., Villegas, P.J., Lopez, E., Marcos Alonso, J., Rico, M. An improved electronic transformer for low-power halogen cycle lamps 39396
Blanco, C. *see* Alonso, J.M. 9716
Blanco, C. *see* Alonso, J.M. 29435
Blanco, C. *see* Alonso, J.M. 51828
Blanco, C. *see* Alonso, J.M. 51832
Blanco, R., Jacobs, J. Ocean Status Information Management System: data on the WWW 50140
Blanco, R. *see* Douligeris, C. 50219
Blanco, S., D'Attellis, C.E., Isaacson, S.I., Rosso, O.A., Sirne, R.O. Time-frequency analysis of electroencephalogram series. II. Gabor and wavelet transforms 28348
Blanco, S., Kochen, S., Rosso, O.A., Salgado, P. Applying time-frequency analysis to seizure EEG activity 28372
Blanco Montes, A. *see* Garcia Poza, M.M. 10868
Blanco-Garcia, J. *see* Dorrio, B.V. 17766
Blanco-Garcia, J. *see* Fernandez, A. 55943
Blanconnier, P. *see* Ducellier, T. 47962
Blanconnier, P. *see* Legros, E. 58311
Bland, C. *see* Dadabhai, F. 2271
Bland, C. *see* Shimizu, H. 39320
Bland, D. *see* Tarczynski, A. 4720
Bland, D.M., Laakso, T.I., Tarczynski, A. Analysis of algorithms for nonuniform-time discrete Fourier transform 4704
Bland, I.M. *see* Megson, G.M. 53241
Bland, J.A.C. *see* Adeyeye, A.O. 43616
Bland, J.A.C. *see* Cowburn, R.P. 55069
Bland, S.A. The 4th International Human-Powered Submarine Races 50099
Bland, S.W. Materials issues for AlGaInP visible light emitters 33303
Bland, T. *see* Kirby, P.B. 23095
Blane, M.M. *see* Lei, Z. 25473
Blank, D.H.A. *see* Rijnders, G.J.H.M. 40446
Blank, D.H.A. *see* Verbist, K. 43795
Blank, E. *see* Mikhailov, S.N. 12169
Blank, E. *see* von Kaenel, Y. 30755
Blank, H.R. *see* Rubin, M.E. 42139
Blank, L. Stability results for collocation methods for Volterra integral equations 10548
Blank, M., Latham, P.E., Levush, B., Danly, B.G. Design of wide-band gyro-twystrons for high power millimeter wave radar applications 1944
Blank, M. *see* Choi, J.J. 1940
Blank, M. *see* Nguyen, K. 1938
Blanke, T., Bublitz, J., Schade, W. Mid-infrared difference-frequency diode-laser spectrometer for the trace analysis of environmental pollutants 18925
Blankenhorn, J.C. Facts on high speed PCB design 41609
Blankenhorn, R.G. Nitto Denko Application Specific MATerial, ASMAT micro-connector 41705
Blankenship, B., Alouani, A.T. Design and implementation of a vision system using a neural network classifier 46203
Blankenship, E. *see* Agee, F.J. 53979
Blankers, P., Yun-Chao Hu Broadband capabilities within intelligent networks 26322
Blankner, J.G. *see* Kopp, G.A. 33143
Blanks, D. *see* Klimeck, G. 54579
Blanks, D. *see* Lake, R. 2737
Blanksby, A. *see* Moini, A. 25700
Blanpain, R. *see* Chichereau, C. 45985
Blanpain, R. *see* Dassot, G. 45991
Blanquet, E. *see* Pons, M. 10630
Blanquet, P. *see* Boursseau, S. 10970
Blanquet, P. *see* Demol, T. 13379
Blanter, Ya.M., Bruder, C., Fazio, R., Schoeller, H. Aharonov-Bohm-type oscillations of thermopower in a quantum-dot ring geometry 42191
Blanter, Ya.M., Schon, G. Phase transitions in double-layered Josephson junction arrays 23405
Blanton, R.B. *see* Meyer, F.M. 17630
Blanton, R.D. *see* Agrawal, V.D. 36428
Blanz, V., Scholkopf, B., Bulthoff, H., Burges, C., Vapnik, V., Vetter, T. Comparison of view-based object recognition algorithms using realistic 3D models 15871
Blas, J.M., Alonso, J.I. Low cost wideband I-Q vector modulator 21541
Blas, J.M. *see* Alonso, J.I. 26612
Blaschette, A., Ruzzu, A., Wagner, S., Loehneysen, H.v. Conductivity maximum at low temperatures in metallic Si:P near the metal-insulator transition 31785
Blaschke, F., van der Burgt, J., Vandenput, A. Sensorless direct field orientation at zero flux frequency 29214
Blaschke, F. *see* van der Burgt, J. 61198
Blaschke, H. *see* Welsch, E. 3325
Blaschke, H. *see* Welsch, E. 44194
Blasco-Alberto, J.A. *see* Garcia-Villares, J.L. 38270
Blasco-Alberto, J.A. *see* Martin-Del-Brio, B. 38269
Blasco-Gimenez, R., Asher, G.M., Sumner, M. Rotor time constant identification in sensorless vector control drives using rotor slot harmonics 51690
Blasco-Gimenez, R., Asher, G.M., Sumner, M. A new method of stator resistance estimation for enhanced dynamic performance of sensorless vector control drives 51709
Blasco-Gimenez, R., Asher, G.M., Sumner, M., Cilia, J., Bradley, K.J. Field weakening at high and low speed for sensorless vector controlled induction motor drives 9586
Blase, X., Charlier, J.-C., de Vila, A., Car, R. Theory of composite $B_xC_yN_z$ nanotube heterojunctions 23025
Blasek, R. *see* Evzhenko, V.M. 11927
Blaser, J.M., Caragianis-Broadbridge, C., Walden, B.L., Paine, D.C. A study of the effect of oxide structure on the synthesis of nanocrystalline Ge from $Si_{1-x}Ge_xO_2$ 54043
Blaser, M. *see* Gini, E. 16741
Blashenkov, M.N. *see* Nikolaev, A.E. 10766
Blasi, F. *see* Cannistra, G. 9733
Blasing, J. *see* Zacharias, M. 41822
Blasing, R. *see* Chan, K.K. 34323
Blasingame, M. *see* Khan, M.A. 43137
Blasio, G.De *see* De Blasio, G.
Blasio, M.Di *see* Di Blasio, M.
Blasius, P. *see* Fischer, M. 38369
Blaskiewicz, M. Reducing space charge tune shift with a barrier cavity 18037
Blasko, V. Analysis of a hybrid PWM based on modified space vector and triangle comparison methods 29452
Blasko, V., Kaura, V. A new mathematical model and control of a three-phase AC-DC voltage source converter 29398
Blasko, V., Kaura, V. A novel control to actively damp resonance in input LC filter of a three-phase voltage source converter 60857
Blasko, V. *see* Kaura, V. 29400
Blasko, V. *see* Kaura, V. 38236
Blaskov, V., Petkov, V., Rusanov, V., Martinez, L.M., Martinez, B., Munoz, J.S., Mikhov, M. Magnetic properties of nanophase $CoFe_2O_4$ particles 32820
Blass, P.M. *see* Kamath, A. 22548
Blass, W.E. *see* Chin, G. 23877
Blaszak, J. *see* Block, E. 35539
Blaszczyk, A., Trinitis, C. Experience with PVM in an industrial environment 24359
Blatchford, J.W. *see* Gebler, D.D. 44264
Blatner, P.J. *see* Chen, D.Z. 13075
Blatov, I.V. *see* Titomir, L.I. 49699
Blatt, J. *see* Andrade, R.A. 5463
Blatt, J.H. *see* Caimi, F.M. 38094
Blatt, J.H. *see* Dawson, D.W.W. 46060
Blatter, G. *see* Lesovik, G.B. 43794
Blattner, P., Herzig, H.P. Optical testing of fine grating structures 17133
Blattner, P. *see* Voikel, R. 42878
Blau, B., Isenstein, B. A transparent switching fabric for PCI 16343
Blau, G., Cairone, M., Chollet, P.A., Kajzar, F. Electro-optic modulation and second-harmonic generation through grating-induced resonant excitation of guided modes 24234
Blau, M. *see* Backmutsky, V. 28820
Blaugher, R.D. Superconducting electric power applications 60720
Blaum, H. *see* Schlemper, H.-D. 19919
Blauner, P. *see* Hu, C.-K. 42743
Blauner, P. *see* Hu, C.-K. 42754
Blauner, P. *see* Wagner, A. 12798
Blauner, P.G., Wagner, A. High conductivity FIB deposited metal 12828
Blaunstein, N., Levin, M. Propagation loss prediction in the urban environment with rectangular grid plan streets 56046
Blauvelt, H. *see* Yariv, A. 47917
Blauwe, J.De *see* De Blauwe, J.
Blayo, N. *see* Lee, J.T.C. 2335

Blayvas, I., Barmashenko, B.D., Furman, D., Rosenwaks, S., Zagidullin, M.V. Power optimization of small-scale chemical oxygen-iodine laser with jet-type singlet oxygen generator 13928
Blaze, M. Oblivious key escrow 24809
Blazejewski, A. *see* Kowal, Z. 39697
Blazejewski, E.R. *see* Jones, G.W. 18617
Blazek, K. *see* de Notaristefani, F. 28228
Blazek, R., Desch, J., Kautz, D., Morgenstern, H. Design specifications for manufacturability of MCM-C multichip modules 53861
Blazina, I. *see* Jager, F. 49688
Bleakley, G. Mimosa: a road to increased value? [vibration monitoring] 60640
Blech, I.A. *see* Shen, Y.I. 42788
Blecher, Y., Fried, R. Zener substrate triggering for CMOS ESD protection devices 2787
Bleck, J.S., Ranft, U., Gebel, M., Hecker, H., Westhoff-Bleck, M., Thiesemann, C., Wagner, S., Manns, M. Random field models in the textural analysis of ultrasonic images of the liver 18270
Bledowski, H., Lobejko, W., Bromirski, M. ATM call admission control using neural network 26371
Blees, M.H. *see* Young, E.W.A. 58941
Blefari-Melazzi, N., Cuomo, F., Listanti, M. IN call modelling for the support of multimedia and multipoint services in a B-ISDN 47299
Blefari-Melazzi, N., Listanti, M., Palermo, M. Providing UMTS services in a wireless ATM LAN 47131
Blefari-Melazzi, N. *see* Andreoli, C. 47159
Blefari-Melazzi, N. *see* Baiocchi, A. 6683
Blefari-Melazzi, N. *see* Baiocchi, A. 47235
Blefko, M.J., Klimnak, W.N. A secondary surveillance radar (SSR) antenna with integrated difference and sidelobe suppression (SLS) channel 34417
Bleich, M.E., Hochheiser, D., Moloney, J.V., Socolar, J.E.S. Controlling extended systems with spatially filtered, time-delayed feedback 55594
Bleichenbacher, D., Maurer, U. On the efficiency of one-time digital signatures 4558
Bleichner, H. *see* Jonsson, P. 42912
Bleier, A. *see* Funke, F. 29010
Bleier, Z. *see* Lipkins, J. 13777
Bleil, A. *see* Knaupp, W. 39163
Bleiler, R.J. *see* Chu, P.K. 1969
Bleiweiss, H. *see* Owen, M. 11908
Bleloch, A.L., Howie, A., James, E.M. Amplitude recovery in Fresnel projection microscopy 41810
Blencowe, M., Shik, A. Acoustoconductivity of quantum wires 22391
Blenk, O. Herstellung und Charakterisierung von FeS_2 (Pyrit) fuer die Photovoltaik (Synthesis and characterisation of FeS_2 (pyrite) for the photovoltaic) 20304
Blenkhorn, P. *see* Evans, D.G. 7581
Blenkhorn, P. *see* Petrie, H. 4601
Blerkom, D.A.Van *see* Van Blerkom, D.A.
Bleuler, H. *see* Mizuno, T. 32883
Bleuse, J. *see* Pautrat, J.L. 3623
Bleuzen, S. *see* Remy, F. 28655
Blew, A. *see* Kheraj, N.S. 17676
Blewett, M.J. *see* Underhill, M.J. 31352
Bley, P. *see* Schulz, J. 23091
Bley, W. Computing associated orders and Galois generating elements of unit lattices 40067
Bleyer, A. *see* Tak, Y.-H. 23699
Blick, R.H., Schmidt, T., Haug, R., von Klitzing, K. Tunnelling through quantum dots 2195
Blick, R.H. *see* Haug, R.J. 13040
Blick, R.H. *see* Haug, R.J. 54713
Blickle, T. *see* Rogenmoser, R. 11135
Blickle, T. *see* Teich, J. 47467
Blickley, G.J. Flowmeter selection isn't easy, but tools are here 36526
Bliem, C., Zangrando, F., Hassani, V. Value analysis of advanced heat rejection systems for geothermal power plants 29122
Blind, B. *see* Lawrence, G. 49177
Blinkov, A. Use of interferometric side looking radars for detection of hummocks and icebergs 28647
Blinov, A.B. *see* Mottl, V.V. 5586
Blinov, A.B. *see* Mottl, V.V. 46289
Blinov, A.B. *see* Mottl, V.V. 50008
Blinov, S.V. *see* Alekseev, V.N. 13920
Blinov, V.E., Groshev, V.R. Aging in wire chamber filled with dimethyl ether 59199
Blinov, V.E. *see* Baru, S.E. 37227
Blinov, V.S. Peculiarities and drawbacks of SAR certification methodology under the Open Skies Treaty 16964
Blinovskii, V.M. Estimate for the probability of undetected error 14807
Blinowska, K.J. *see* Durka, P.J. 49605
Bliokh, P.V. *see* Yampolski, Y.M. 56053
Bliss, D.F. *see* Chauvet, M. 24104
Bliss, D.F. *see* Liu, D.W. 45458
Bliss, D.F. *see* Zhang, H. 40300
Bliss, M., Craig, R.A. Scintillating-fiber applications in nuclear research 49779
Bliss, M., Craig, R.A., Kaganove, S.N., Sunberg, D.S. Progress towards a large-area chemical sensor 48625
Blixt, P., Babic, D.I., Margalit, N.M., Streubel, K., Bowers, J.E. Multimode fiber transmission using room temperature double-fused 1.54-μm vertical-cavity lasers 6730
Blixt, P. *see* Balsamo, S. 24023
Blixt, P. *see* Bodtker, E. 6710
Bliznjuk, V.A. *see* Altov, V.A. 43779
Bliznyuk, N.Y., Bondarenko, O.V., Kazanskiy, V.B. Electromagnetic modeling of a resonant commutator 34140
Bliznyuk, V.A. *see* Al'tov, V.A. 55141
Bloch, D. *see* Le Cras, F. 29569
Bloch, G. *see* Jouvensal, L. 7961
Bloch, I. Uncertainty, imprecision and additivity in data fusion: Historical point of view 25179
Bloch, I. Fuzzy spatial relationships: a few tools for model-based pattern recognition in aerial images 46390
Bloch, I. Fuzzy relative position between objects in images: a morphological approach 57477
Bloch, I. *see* Pellot, C. 7880
Bloch, J. *see* Pepin, A. 10845
Bloch, J. *see* Roussel-Dupre, D. 18162
Bloch, L. *see* Aka, G. 14409
Bloch, M., Ho, J., McClelland, T., Meirs, M., Bhaskar, N.D., Mallette, L., Hardy, J. Performance data on the Milstar rubidium and quartz frequency standards: comparison of ground tests in a simulated space environment to results obtained on orbit 28537
Bloch, P. *see* Alexeev, G. 59200
Blocher, T. Application of new features in the general electromagnetic model for the analysis of complex systems (GEMACS) version 5.3 44874
Blochwitz, S., Habel, R., Diestelhorst, M., Beige, H. Application of nonlinear dynamics in the study of ferroelectric materials 13256
Blochwitz, T. *see* Schroth, A. 17263
Block, B.A. *see* Gill, D.M. 3413
Block, C. Ceramic strip-line filters: essential for mobile communications 47623
Block, D.G. The cost and consequences of consumer CD-ROM title development 7102
Block, E., Levine, H., Blaszak, J. Detariffing: will users play or pay? 35539
Block, F.E., Jr, Fuhrman, T.M., Cordero, L., Schaaf, C., Gronstrand, M., Kajaste, T., Nourijelyani, K., Hsu, J. Technology evaluation report: obtaining pulse oximeter signals when the usual probe cannot be used 59537
Block, H. *see* Crosby, B.J. 977
Block, R.C. *see* Umstadter, K.R. 11845
Block, T. *see* Chen, Y.C. 53672
Block, T. *see* Cowles, J. 41519
Block, T. *see* Gaier, T. 41485
Block, T. *see* Wang, H. 11721
Block, T.R. *see* Kobayashi, K.W. 21963
Block, T.R. *see* Kobayashi, K.W. 31526
Block, T.R. *see* Kobayashi, K.W. 32538
Block, T.R. *see* Kobayashi, K.W. 41494
Block, T.R. *see* Kobayashi, K.W. 41495
Block, T.R. *see* Kobayashi, K.W. 41512
Block, T.R. *see* Meshkinpour, M. 43111
Blocksidge, B. *see* Desforges, F.X. 48626
Bloembergen, N. *see* Dogariu, A. 24224
Bloembergen, P. Concerning the paper "On the propagation of the uncertainty at the triple point of water, associated with the calibration of SPRTs according to the ITS-90: a case study" 27210
Bloembergen, P. *see* Machin, G. 27205
Bloess, D. *see* Benvenuti, C. 49021
Bloisi, F., Terrecuso, P., Vicari, L. Polarized light scattering in a novel polymer dispersed liquid-crystal geometry 44105
Blok, F.J. *see* Tskhai, S.N. 44364
Blok, H. *see* Haes, J. 23535
Blok, H. *see* Haes, J. 55251
Blok, H. *see* van Stralen, M.J.N. 23552
Blok, H. *see* Van Stralen, M.J.N. 55248
Blok, H. *see* Van Stralen, M.J.N. 55250
Blok, J.H. *see* Strijbos, R.C. 44587
Blok, K. *see* de Beer, J.G. 20259
Blok, K.De *see* De Blok, K.
Blokesch, G. *see* Gekat, F. 51259
Blokh, A.G. *see* Swallom, D.W. 20053
Blokhintsev, I. *see* Kane, C. 60674
Blokland, A.J., Ebling, G.H. Protection of an integrated energy system 29816
Blokland, A.J., van der Ploeg, B. Electric ship propulsion 61245
Blom, F.A.P. *see* van Haren, R.J.F. 12475
Blom, G. *see* Mijnarends, H. 60189
Blom, H.-O. *see* Hedlund, C. 2333
Blomeier, T. *see* Grenzer, J. 53606
Blomer, J. *see* Albanese, A. 24689
Blommaert, J. *see* Cesarsky, C.J. 36548
Blommer, M.A., Wakefield, G.H. Pole-zero approximations for head-related transfer functions using a logarithmic error criterion 45961
Blondel, C. *see* Lebrun, F. 37347
Blondel, J., Carter, M., Karpov, A., Lazareff, B., Mattiocco, F., Lamb, J. Dual-channel SIS receivers for the IRAM Plateau de Bure Interferometer 48207
Blondel, J. *see* Karpov, A. 17010
Blondel, J. *see* Karpov, A. 58519
Blondel, M. *see* Braye, G. 7076
Blondel, M. *see* Deparis, O. 27639
Blondel, M. *see* Deparis, O. 43959
Blondel, M. *see* Froidure, J.-C. 6738
Blondel, M. *see* Meuleman, L. 6739
Blondel, M. *see* Ravet, F. 3373
Blondel, M. *see* Vandroogenbroek, M. 6777
Blondel, M. *see* Wang, X. 44747
Blondel, V. Structured numbers 30505
Blondelle, J., De Neve, H., Borghs, G., Van Daele, P., Demeester, P., Baets, R. High efficiency (>20%) microcavity LEDs 33311
Blondelle, J. *see* de Neve, H. 33295
Blondia, C., Casals, O. Throughput analysis of the explicit rate congestion control mechanisms in ATM networks 35482
Blondy, J.M. *see* Pagnoux, D. 13616
Blonskii, I.V., Tkhorik, V.A., Tsitsilaino, A.D. Acoustic emission during laser annealing of silicon single crystals 54017
Blonskij, I.V., Brodyn, M.S., Tkhoryk, V.A., Filin, A.G., Piryatinskij, Ju.P. The photoacoustic effect in porous silicon: peculiarities of its manifestation and its application to the investigation of optical and thermal properties of materials 41859
Blood, P. *see* Chen, X. 31981
Blood, P. *see* Foulger, D.L. 33493
Blood, P. *see* Mogensen, P.C. 55617
Blood, P. *see* Smowton, P.M. 14138
Blood, P. *see* Smowton, P.M. 44455
Blood, P. *see* Smowton, P.M. 44582
Bloodworth, R., Wendt, E. Materials for ER fluids 972
Bloom, D.M. *see* Ho, F. 58949
Bloom, I. *see* Sengupta, D.K. 48666
Bloom, J.M. Technical basis for the extension of ASME code case N-494 for assessment of austenitic piping 19507
Bloom, S. *see* Chan, V. 6784
Bloom, S.H. *see* Begley, D.L. 6781
Bloomer, I. *see* Forouhi, A.R. 17674
Bloomfield, B. Discerning choice [computer networking] 57896
Bloomfield, P.E. *see* Qian Zhang 28111
Bloor, D., Cross, G.H. Polymers for nonlinear optics: advances and challenges 24209
Blosiu, J.O. *see* Deligiannis, F. 18724
Bloss, P., De Reggi, A.S., Schafer, H. Thermal properties and electric field profile in metallized dielectric film adhesively bonded to substrate 43421
Bloss, P., De Reggi, A.S., Schafer, H. Application of the regularization technique to the deconvolution of thermal pulse data 54874
Blosser, H. *see* Schubert, J. 32943
Blosser, R.G. *see* Friebele, E.J. 17439
Blosseville, J.-M. *see* Vannoorenberghe, P. 25508
Blossfield, K.M., Brotman, A.D., Gravrok, R.J., Van Goer, K.A., Simon, D., Semar, J. Wafer level membrane probe testing of area array die for manufacturing high performance MCMs 1879
Blostein, S.D. *see* Earnshaw, A.M. 47674
Blostein, S.D. *see* Karimi, J. 47857
Blostein, S.D. *see* Osman, H. 6903
Blostein, S.D. *see* Osman, H. 58433
Blostein, S.D. *see* Wareham, P.C. 56957
Blot, J., Hayek, N. Second-order necessary conditions, for the infinite-horizon variational problems 10411
Blot, J.P. *see* Sharaiha, A. 34283
Blotekjaer, K. *see* Langli, B. 55212
Blotekjaer, K. *see* Saether, J. 58805
Blotevogel, K. *see* Berndt, D. 19136
Blotscher, H. *see* Borner, T. 17745
Blott, B.H. *see* Meeson, S. 18444
Blott, B.H. *see* Meeson, S. 18450
Blouin, A. *see* Delaye, P. 18952
Blouin, A. *see* Dunning, G.J. 21398
Blount, M.A. *see* Weckwerth, M.V. 32185
Blow, K.J., Manning, R.J., Poustie, A.J. Nonlinear optical loop mirrors with feedback and a slow nonlinearity 23487
Bloxham, J. *see* Holme, R. 27840
Bloyet, D. *see* Mechin, L. 23426
Bloyet, D. *see* Mechin, L. 36552
Blthye, S.A. *see* Chaudhuri, S. 31162
Blu, T. An iterated rational filter bank for audio coding 34911
Blubaugh, J. *see* Mondal, J. 41492
Bluck, M.J., Walker, S.P. Time-domain BIE analysis of large three-dimensional electromagnetic scattering problems 56029
Blue, J.L. *see* Grother, P.J. 56473
Blue, J.L. *see* Wilson, C.L. 57519
Blue, R., Stewart, G. Optical pH sensor for the alkaline region 48605
Blue, T.E. *see* Evans, J.F. 8214
Bluem, H.P. *see* Vladimirsky, Y. 42805
Bluet, J.M. *see* Dezauzier, C. 10706
Blum, A.S. *see* Ives, J.R. 49590
Blum, C., Dubois, P., Molva, R., Schaller, O. A development and runtime platform for teleconferencing applications 57968
Blum, C., Molva, R. A software platform for distributed multimedia applications 6284
Blum, C., Molva, R. A CORBA-based platform for distributed multimedia applications 47352
Blum, D.J. LDAP: helping directories get along 25945
Blum, E.B. Short bunch research at Brookhaven National Laboratory 18009
Blum, M. *see* Vogt, M. 51835
Blum, O., Geib, K., Hafich, M.J., Klem, J.F., Lear, K.L., Ashby, C.I.H. Lateral, wet thermal oxidation of AlAsSb lattice-matched to InP 32172
Blum, O., Lear, K.L., Hou, H. Selective oxidation of integrated optical elements 32171
Blum, R. *see* Scheffknecht, G. 19556
Blum, R. *see* Sprave, M. 2234

Blum, R.S. Optimum multiple antenna quantization for reception of fading signals in noise 6445
Blum, R.S. Distributed reception of fading signals in noise 35914
Blum, R.S., Kassam, S.A., Poor, H.V. Distributed detection with multiple sensors I. Advanced topics 25091
Blum, R.S. *see* Muthuswamy, N. 7869
Blum, R.S. *see* Muthuswamy, N. 34883
Blum, W., Kroha, H., Widmann, P. Transparent silicon strip sensors for the optical alignment of particle detector systems 3597
Blumberg, R. *see* Hahn, B. 40466
Blumberg, R. *see* Kastner, M.J. 40344
Blume, M. *see* Van Blerkom, D.A. 36199
Blume, W. Start to finish design on the desktop 31042
Blumel, D., Friedrich, G., Fordran, U., Kiessling, A., Pietzsch, H. PC program system ELEKTRA for three-phase networks and railway traction networks 9667
Blumel, R. *see* Sirko, L. 53519
Blumemrohr, C. *see* Kumar, R. 31039
Blumenthal, D.J., Gao, Q., Scholz, C., Kothari, N.C. Low cross talk, high-extinction-ratio wavelength switching based on four-wave mixing in semiconductor optical amplifiers 26725
Blumenthal, D.J. *see* Back, B.B. 7832
Blumenthal, D.J. *see* Rigole, P.-J. 58283
Blumenthal, M.S. Unpredictable certainty: the Internet and the information infrastructure 26082
Blumenthal, R., Russo, P., Zatz, J. A practical approach to a usable IN feature interaction tool 26317
Blumenthal, R. *see* Fiordalice, R. 2434
Blumhardt, L.D. *see* Grippo, A. 18410
Blumhardt, R. *see* Handers, T.A. 49422
Blumin, M. *see* Buchinsky, O. 44542
Blumin, M. *see* Buchinsky, O. 44579
Blumin, M. *see* Gilor, J. 55616
Blumschein, E. Unseen and erratic risk in power electronics 60884
Blumstengei, S. *see* Edwards, A. 23697
Blundell, R. *see* Kawamura, J. 43870
Blundo, C., De Santis, A., Vaccaro, U. Randomness in distribution protocols 45545
Blundo, C. *see* Ateniese, G. 14836
Blust, G. *see* Mehta, D.P. 54759
Bluvband, Z., Barel, A., Zule, M. IQLM: application for rail systems 52302
Bluyssen, H.J.A. *see* Christianen, P.C.M. 2232
Blyakhman, Y. *see* Wang, A.H. 11952
Blyth, A. Issues arising from medical system's failure 49749
Blythe, P.T., Burden, M.J.J. The technical and institutional issues associated with the enforcement of a multi-lane debiting system 26508
Blythe, S.A., Walker, R.A. Toward a practical methodology for completely characterizing the optimal design space 1081
Bo, O.L., Galperin, Y. Low-frequency shot noise in phonon-assisted resonant magnetotunneling 32042
Bo, Z.Q., Aggarwal, R.K., Johns, A.T. A novel measurement technique for power transformer faults using spectral comparison technique 9294
Bo, Z.Q., Aggarwal, R.K., Johns, A.T., Li, H.Y., Song, Y.H. A new approach to phase selection using fault generated high frequency noise and neural networks 38415
Bo, Z.Q., Aggarwal, R.K., Johns, A.T., Moore, P.J. Accurate fault location and protection scheme for power cable using fault generated high frequency voltage transients 8898
Bo, Z.Q., Hewett, R.J., Aggarwal, R.K., Johns, A.T., Moore, P.J. On-line measurement of a lightning stroke 19430
Bo, Z.Q., Jayasinge, J.A.S.B., Hewett, R.J., Aggarwal, R.K., Johns, A.T. A new scheme for monitoring and protection of power transmission system based on Global Positioning System 19420
Bo, Z.Q., Ross, B.P., Aggarwal, R.K., Johns, A.T., Gwyn, B., Downes, J.A. The engineering and testing of a new protection relay for field trials 19391
Bo, Z.Q. *see* Jayasinghe, J.A.S.B. 19327
Bo Ai *see* Ai Bo
Bo Chen *see* Benni, P.B. 59432
Bo Eun Kim *see* Duck Min Lee 40960
Bo Gu, Young, B., Miller, I. Laser patterning of ITO films 17668
Bo Guo *see* Li Yen 55574
Bo Hanliang, Wu Shaorong, Ma Changwen Flow induced heat transfer tube vibration on NHR-200 main heat exchanger 38498
Bo Hong *see* Xiqi Gao 46306
Bo Jiang, Balu, V., Tung-Sheng Chen, Shao-Hong Kuah, Lee, J.C., Chu, P.Y., Jones, R.E., Zurcher, P., Taylor, D.J., Kottket, M.L., Gillespie, S.J. A new electrode technology for high-density nonvolatile ferroelectric ($SrBi_2Ta_2O_9$) memories 3002
Bo Jiang *see* Zicai Liang 54952
Bo Jiang *see* Jiang Bo
Bo Jianguo *see* Chen Zhichao 2765
Bo Jin-Hai *see* Jiang Sheng-Yao 38540
Bo Jinha *see* Wang Fei 38499
Bo Jinhai *see* Jia Haijun 38497
Bo Kuang *see* Kuang Bo
Bo Lan *see* Lan Bo
Bo Ling Yang *see* Yang Bo Ling
Bo Liu *see* Feng Wang 24194
Bo Lu *see* Ortiz, G.G. 3898
Bo Peng *see* Peng Bo
Bo Shen *see* Shen Bo
Bo Su Chen *see* Noginova, N. 14441
Bo Su Chen *see* Noginova, N. 14461
Bo Su Chen *see* Noginova, N.E. 14455
Bo Tao *see* Tao Bo
Bo Wang *see* Wang Bo
Bo Wei *see* Meyer, D. 32836
Bo Woo Kim *see* Jong-Ho Lee 22818
Bo Woo Kim *see* Jong-Son Lyu 22817
Bo Xu *see* Bin Ma 15034
Bo Xuan, Bamberger, R.H. 2D factorizable FIR principal component filter banks 11592
Bo Ye *see* Ye Bo
Bo Yin *see* Yin Bo
Bo Yu *see* Yu Bo
Bo Zhang *see* Ling Liu 21856
Bo Zhang *see* Schreier, R. 21770
Bo Zhang *see* Zhang Bo
Bo Zhou *see* Zhou Bo
Bo-Chao Cheng *see* Tsong-Ho Wu 48250
Bo-Gwan Kim *see* Jang-Hyun Park 41052
Bo-Ling Xu *see* Yong Shen 48271
Bo-Ling Xu *see* Xu Bo-Ling
Bo-Ping Hu *see* Yi-Zhong Wang 55029
Bo-Ren Bai *see* Hsin-Min Wang 34700
Bo-Rong Shi, Cue, N., Smith, T.L., Tian-Bing Xu The Lateral range spread of MeV phosphorus ions implanted in silicon measured by time-of-flight secondary ion mass spectrometry 42401
Bo-Yang Li *see* Li Bo-Yang
Bo-Yu Wu *see* Kwok-Wah Hui 55301
Bo-Yuan Ye *see* Wen-Jyi Hwang 46302
Boa-Hua Yu *see* Kern, A. 1755
Boa-Hua Yu *see* Kern, A. 19850
Boabbas, W.M. *see* Chawla, M.M. 30423
Boada, J.C. *see* Calpe, J. 5183
Boaden, R.J. *see* Wilcox, M. 342
Boahen, K. *see* Shih-Chii Liu 57043
Board, I.A. The Sizewell C design 9076
Boardman, A.D. *see* Saltiel, S. 33676
Boashash, B., Ristic, B. Polynomial time-frequency distributions and time-varying higher order spectra: application to non-stationary signal analysis 25163
Boashash, B. *see* Chandran, V. 57181
Boashash, B. *see* Ghaemmaghami, S. 24832
Boashash, B. *see* Jones, G. 56570
Boashash, B. *see* Ralston, J.C. 25139
Boashash, B. *see* Ralston, J.C. 34922
Boashash, B. *see* Ralston, J.C. 45807
Boashash, B. *see* Reid, D.C. 25206
Boashash, B. *see* Ristic, B. 34930
Boashash, B. *see* Roberts, G. 4670
Boashash, B. *see* Roberts, G. 25162
Boashash, B. *see* Roberts, G. 34942
Boashash, B. *see* Roessgen, M. 28376
Boath, G.M. An introduction to fibre channel networking in the video environment 36329
Boatner, L.A. *see* Christen, H.-M. 52682
Boau-Cheng Wu *see* Chang-Fa Yang 34061
Bob Liu *see* Goodsitt, M.M. 28254
Bobak, J.P., Ruf, C.S. Prediction of water vapor scale height from integrated water vapor measurements 8443
Bobard, F. *see* Monnard, R. 33118
Bobard, F. *see* Robadey, J. 23900
Bobb, L. *see* Hammond, R.T. 33921
Bobba, F. *see* Cucolo, A.M. 43831
Bobbie, P.O. *see* Orji, C.U. 48224
Bobbink, G.J. *see* Adam, A. 37280
Bobbink, G.J. *see* Brock, I.C. 37039
Bobbio, A., Puliafito, A., Scarpa, M., Telek, M. Time domain analysis of Markov regenerative processes 30467
Bobbioni-Harsch, E. *see* Koudelka-Hep, M. 27693
Bobchenko, B.M. *see* Akimov, V.A. 28024
Bober, C., Kohn, M., Nickel, W. Materials requirements for rapid prototyping technologies 39707
Bober, K., Giles, R.H., Waldman, J. Tailoring the microwave permittivity and permeability of composite materials 30984
Bober, M., Kittler, J. Video coding for mobile communications–MPEG4 perspective 46497
Bober, M. *see* Kui Zhang 25579
Bober, M. *see* Kui Zhang 56951
Boberg, P.R. *see* Tylka, A.J. 28557
Bobichon, Y., Bijaoui, A. Regularization constraints in lossy compressed astronomical images restoration 25594
Bobichon, Y., Bijaoui, A. Restoration of lossy compressed astronomical images 57090
Bobichon, Y. *see* Bijaoui, A. 16903
Bobick, A., Davis, J. An appearance-based representation of action 5084
Bobick, A., Davis, J. Real-time recognition of activity using temporal templates 25458
Bobin, J.L. Laser diagnostics of micro bunches (old tricks, new games) 18010
Bobkov, V.B. *see* Lukomsky, V.P. 45091
Bobkov, V.P., Vinogradov, V.N., Kirillov, P.L., Smogalev, I.P. Center for Thermophysical Data of the Ministry of Atomic Energy of the Russian Federation 38506
Bobo, J.F. *see* Pizzini, S. 3191
Bobo, J.F. *see* Postava, K. 32801
Bobreshov, A.M. *see* Algazinov, E.K. 24500
Bobrov, E. *see* Miller, J.R. 32944
Bobrov, P.B., Ostrovskii, E.I. Confidence intervals in adaptive nonparametric estimation of regression 45895
Bobrov, P.P., Schetkin, I.M. The soil surface reflectivity in the partial coherent microwaves at the frequencies 300 and 900 MHz 18774
Bobrowski, R., Plociennik, P., Holubowicz, W. Transmission system for terrestrial broadcasting of HDTV signals 7072
Bobylev, B.A., Kovalevskaja, T.E., Marchishin, I.V., Ovsyuk, V.N. Capacitance-voltage profiling of multiquantum well structures 42175
Bobylev, D.A. *see* Agamalov, Yu.R. 48371
Bocancea, E. *see* Salmon, J.C. 19854
Bocancea, E. *see* Salmon, J.C. 20133
Bocarsly, A.B. *see* Wu, Y. 23442
Boccaletti, S. *see* Arecchi, F.T. 55875
Boccaletti, S. *see* Ramazza, P.L. 13715
Boccaletti, S. *see* Ramazza, P.L. 44640
Bocchetti, G., Giannini, Q. Inverter propulsion equipment for ground transportation systems 51771
Bocchi, C., Franzosi, P., Maslov, A.V., Mukhamedzhanov, E.K., Audino, R., Gambacorti, N. Structural characterization of Zn-diffused InP layers by X-ray diffraction and standing-waves method 2319
Bocchi, C. *see* Sochinskii, N.V. 30823
Bocchieri, E. *see* Riccardi, G. 24865
Bocci, M. *see* Cosmas, J. 26243
Boccignone, G., Picariello, A. Anisotropic enhancement of mammographic images 8017
Boccignone, G., Picariello, A. Enhancement of mammograms: experimental results 59441
Bocek, D. *see* Hung-Chi Lihn 18016
Bocek, T. *see* Kim, J.H. 28700
Bocek, T.M. *see* Bonebright, R.K. 49891
Bocek, T.M. *see* Jackson, G.L. 49856
Bocek, T.M. *see* LaBel, K.A. 49857
Boch, E. *see* Rahal, A. 41488
Boch, L. *see* Barbero, M. 27128
Boch, R. *see* Tribolet, P. 27676
Bocharov, P.P. Stationary distribution of a finite queue with recurrent input and Markov service 52405
Bocharova, I.A., Bud'ko, T.O., Zaporozhets, E.V., Romanova, L.I., Tyavlovskaya, E.A. Effect of the composition of ohmic contacts on degradation of light-emitting diodes based on $Al_xGa_{1-x}As$ heterostructures 22320
Boche, B., Muller, R., Bohm, G., Trankle, G., Weimann, G. Monolithic integration of GaAs-AlGaAs quantum-well lasers with directional couplers using vertical coupling of light 14145
Boche, H., Fischer, J. Calculation of Kramers-Kronig relations with conjugated sampling series 17144
Boche, H., Fischer, J. Analysis of sampling series for signal reconstruction 34810
Boche, H., Fischer, J. Estimated value of quantity of oversampled periodic signals 45926
Boche, H., Protzmann, M. A new algorithm for the reconstruction of bandlimited functions and their Hilbert-transformed 17240
Bocheck, P., Shih-Fu Chang A content based video traffic model using camera operations 57445
Bochenek, A. *see* Hachol, A. 37613
Bochicchio, M.A. *see* Aloisio, G. 8766
Bochicchio, M.A. *see* Aloisio, G. 60221
Bochkarev, M.B. Noise measurements of vacuum arc cathode spot lifetime 22126
Bochkarev, M.B. *see* Puchkarev, V.F. 22127
Bochkov, V.D., Frants, O.B., Geiman, V.G., Korolov, Yu.D., Rabotkin, V.G., Shemyakin, I.A. Parallel operation of sealed-off pseudospark switches onto common load 28949
Bochkov, V.D., Gnedin, I.N., Djagilev, V.M., Ushich, V.G., Zikov, A.M., Beljaev, V.V., Korolev, Yu.D., Samojlov, I.S., Anitov, N.M., Vereschagin, N.M., Kropp, L.I., Sergeev, A.I. Pulsed power supply for streamer corona electrofilter with 100 kV pseudospark switch 24377
Bochkov, V.D., Koroloev, Yu.D., Shemyakin, I.A. High-current ceramic-metal sealed-off pseudospark switches (designs and applications) 28950
Bochkov, V.D., Pogorelsky, M.M. Investigation of charge distribution on the dielectric envelope of high-voltage vacuum tube 22167
Bochkov, V.D., Pogorelsky, M.M. Research of through breakdown dielectric envelope in vacuum and gas-discharge electronic tubes with the operating voltage 50-300 kV 22168
Bochkov, V.D., Pogorelsky, M.M. Investigation of methods of enhancing of dielectric strength of vacuum and gas-discharge devices with operating voltage 50-300 kV 28053
Bochmann, G.v. *see* Hafid, A. 6302
Bochmann, G.V. *see* Mingyu Yao 16088
Bochmann, G.V. *see* Petrenko, A. 25930
Bochmann, G.v. *see* v. Bochmann, G.
Bochmann, G.von *see* von Bochmann, G.
Bochnia, D. *see* Nguyen, N.T. 36470
Bochud, F. *see* Verdun, F.R. 7893
Bock, C. *see* Desor, H.-J. 17048
Bock, H. *see* Heppke, G. 44665
Bock, J. *see* Treitinger, L. 13114
Bock, J. *see* Treitinger, L. 22952
Bock, J. *see* Wurzer, M. 23621
Bock, J.J. *see* Mauskopf, P.D. 36577
Bock, J.P. *see* Vinsard, G. 51017
Bock, K. *see* Russ, C. 22832
Bock, R. *see* Adam, A. 37280

Bock, W.J., Urbanczyk, W. Temperature-hydrostatic pressure cross-sensitivity effect in elliptical-core, highly birefringent fibers 7377
Bock, W.J., Urbanczyk, W. Multiplexed system of white-light interferometric hydrostatic pressure sensors based on highly birefringent fibers 48589
Bock, W.J. *see* Urbanczyk, W. 27597
Bock, W.J. *see* Urbanczyk, W. 58809
Bockelmann, U. *see* Ammann, C. 42170
Bockenkruger, R. *see* Tippmann, M. 38367
Bocker, J., Endrikat, C., Liu, S. A systematic approach to state feedback controller design for DC/DC line-side traction converters 51768
Bocker, W., Rolf, W., Muller, W.-U., Streffer, C. Investigations about autofocus-algorithms for fluorescence-microscopy 37611
Bockeria, L. *see* Braile, D. 28399
Bockhorst, K.H. *see* Bizzi, A. 37622
Bocking, S. Sockets++: a uniform application programming interface for basic level communication services 26021
Bocking, S., Schatzmayr, R. Tempo's transport quality of service 46754
Bocking, S., Seidel, V., Vindeby, P. CHANNELS: a run-time system for multimedia protocols 46795
Bocking, S. *see* Bhattacharyya, D. 835
Bockowski, M. *see* Leszczynski, M. 40299
Bockowski, M. *see* Liliental-Weber, Z. 10621
Bockowski, M. *see* Liliental-Weber, Z. 10804
Bockowski, M. *see* Teisseyre, H. 22237
Bockowski, M. *see* Teisseyre, H. 40442
Bockris, J.O'M. *see* Lin, G.H. 9550
Bockstal, L.van *see* van Bockstal, L.
Bocquet, B., Allal, D., Leroy, Y. Thermometry on lossy coplanar lines by microwave correlation radiometry 36468
Bocquet, R., Tretyakov, M.Yu., Krupnov, A.F., Volokhov, S.A., Poteau, L. New possibilities for frequency stabilization of far infrared lasers 13929
Bocquet, R. *see* Apollonov, V.V. 14315
Bocquet, R. *see* Shakir, Y.A. 44350
Bocse, A. *see* Ghita, C. 60644
Boczkowski, D. *see* Walczuk, E. 11788
Boda, M. *see* Biro, J. 10375
Boda, M. *see* Farago, A. 26028
Boda, M. *see* Molnar, S. 35812
Bodah, J.M. Estimating off-line high voltage apparatus dielectric loss and DC contact resistance with on-line infrared measurements 19667
Bodammer, G. *see* Smith, P. 33151
Bodas, A., Feher, K. Low complexity GSM modulator for integrated circuit implementations 16618
Bodca, E., Telipan, G., Blaga, I. Combustible gas detector based on γ-Fe_2O_3 semiconductor properties 48743
Bode, C. *see* Allison, W.W.M. 37269
Bode, C. *see* Christenson, K.K. 42482
Bode, C. *see* Christenson, K.K. 42485
Bode, M. *see* Golla, D. 14074
Bode, M. *see* Schneider, K. 33436
Bode, M. *see* Witt, C. 40405
Bode, P. *see* Gelsema, S.J. 7800
Bodea, E., Blaga, I., Apostolescu, R., Schiopu, P. Dual SAW oscillator for low SO_2 concentrations measurement 48742
Bodea, O., Roman, C., Santa, N., Levi, A., Prodan, N., Cordos, E., Manoviciu, I. The response curve σ/σ_0 vs P_{NOx} of the NO_x sensor using organic semiconductors, a power type function 48741
Bodegard, M. *see* Rockett, A. 39115
Bodendorf, F., Grebner, R., Langenbach, C. The virtual lecture room–practice and experiences 26362
Bodere, A. *see* Clesca, B. 26829
Bodermann, B. *see* Tiemann, E. 7140
Bodin, U. *see* Andreasson, M. 47255
Bodine, H.L., Dawes, R.L., Henley, S.S., Hill, E.V.K. Detecting crack growth in metal structures using temporal processing and the parametric avalanche stochastic filter neural network 15233
Bodini, G. *see* Olmi, R. 37831
Bodker, K. *see* Kensing, F. 144
Bodkowski, M. *see* Suski, T. 21220
Bodnar', I.V. *see* Bairamov, B.H. 3745
Bodnar, S. *see* Bouillon, P. 43293
Bodnar, S. *see* Meyer, F. 12553
Bodner, S.E. *see* Lehecka, T. 23734
Bodo, P. *see* Engstrom, M. 59305
Bodoni, M.L. *see* Barbagallo, S. 31275
Bodruzzaman, M., Zein-Sabatto, S., Omitowoju, O., Malkani, M., Szu, H. Electromyographic (EMG) signal decomposition using Kohonen neural net and wavelet network 59398
Bodruzzaman, M. *see* Robinson, T. 56514
Bodsberg, L., Hokstad, P. Transparent reliability model for fault-tolerant safety systems 30117
Bodson, M., Groszkiewicz, J.E. Multivariable adaptive algorithms for reconfigurable flight control 37941
Bodtker, E., Blixt, P., Sink, K., Bowers, J.E. A simple fiber-optic multiplexer with wide bit-rate range 6710
Bodtker, E. *see* Jacobsen, C. 26685
Bodtker, E. *see* Wang, Z. 23939
Body, C., Reyne, G., Meunier, G. Nonlinear finite element modelling of magneto-mechanical phenomenon in giant magnetostrictive thin films 43611
Body, C., Reyne, G., Meunier, G. Modelling of magnetostrictive thin films, application to a micromembrane 43722
Body, C., Reyne, G., Meunier, G., Quandt, E., Seemann, K. Application of magnetostrictive thin films for microdevices 43724
Boe, M. *see* Hohlein, B. 20179
Boebel, F.G. Quintuple ramp up slope by implementing cross-functional, self-directed work teams 31276
Boebel, F.G., Ruelle, O. Cycle time reduction program at ACL 32543
Boebel, F.G. *see* Rogatty, U. 32206
Boebel, F.G. *see* Wagner, J. 22502
Boebinger, G.S. *see* Harff, N.E. 31990
Boeck, J.de *see* de Boeck, J.
Boeck, R., Gaupp, O.J., Dahler, P., Barlocher, E., Werninger, J., Zanini, P. Bremen's 100-MW static frequency link 20175
Boeck, W.De *see* De Boeck, W.
Boede, W. *see* Hempel, A. 37272
Boege, S. *see* Bamber, C. 55579
Boege, S. *see* Kotseroglou, T. 33602
Boehle, K. *see* Opperud, T. 58026
Boehly, T.R., Brown, D.L., Craxton, R.S., Keck, R.L., Knauer, J.P., Kelly, J.H., Kessler, T.J., Kumpan, S.A., Loucks, S.J., Letzring, S.A., Marshall, F.J., McCrory, R.L., Morse, S.F.B., Seka, W., Soures, J.M., Verdon, C.P. Initial performance results of the OMECA laser system 14059
Boehly, T.R., Craxton, R.S., Jaanimagi, P.A., Keck, R.L., Kelly, J.H., Kessler, T.J., Kremens, R.L., Kumpan, S.A., Letzring, S.A., McCrory, R.L., Morse, S.F.B., Seka, W., Skupsky, S., Soures, J.M., Tracy, M.D., Verdon, C.P. Irradiation uniformity studies and fusion experiments on the OMEGA laser facility 14086
Boehm, A. *see* Adam, A. 37280
Boehm, F. *see* Lou, K. 7818
Boehm, G. *see* Fujii, K. 12464
Boehm, G. *see* Nagasawa, H. 12882
Boehm, J. *see* Alyushin, M. 58621
Boehm, L. *see* Lyubin, V. 2076
Boehme, D. *see* Medlin, D.L. 37336
Boehnke, K., Wismann, V.R. Thawing of soils in Siberia observed by the ERS-1 scatterometer between 1992 and 1995 8396
Boehnke, K. *see* Wismann, V.R. 18882
Boekholt, P. Financing innovation in the post-subsidy era–public support mechanisms to mobilise finance for innovation 52083
Boel, R.K. *see* Wuyts, K. 35779
Boella, G., Reedtz, G.M. Change of the working temperature of the IEN primary group of standard resistors 17171
Boella, G. *see* Allasia, D. 54166
Boella, G. *see* Arri, E. 27428
Boellaard, R., van Herk, M., Mijnheer, B.J. The dose response relationship of a liquid-filled electronic portal imaging device 8206
Boemare, C., Liaci, F., Nazare, M.H., Assuncao, M.A., Taudt, W., Sollner, J., Heuken, M. Relaxation of the internal strain in thin MOVPE grown ZnSe/GaAs epilayers 22314
Boemo, E.I., de Rivera, G.G., Lopez-Buedo, S., Meneses, J.M. Some notes on power management on FPGA-based systems 11305
Boemo, E.I., Lopez-Buedo, S., Meneses, J.M. Wave pipelines via look-up tables 1303
Boenig, H. *see* Leung, E.M.W. 60439
Boenig, H.J. *see* Daugherty, M.A. 32952
Boenig, H.J. *see* Robinson, R.A. 4207
Boer, A.De *see* De Boer, A.
Boer, C.de *see* de Boer, C.
Boer, F.R.de *see* de Boer, F.R.
Boer, H.A.De *see* De Boer, H.A.
Boer, J.F.de *see* de Boer, J.F.
Boer, M.De *see* De Boer, M.
Boer, P.-T.De *see* De Boer, P.-T.
Boer, R.de *see* de Boer, R.
Boer, W.B.De *see* De Boer, W.B.
Boer, W.De *see* De Boer, W.
Boer, W.Den *see* Den Boer, W.
Boeringer, D.W. *see* Tsu, R. 2586
Boerle, D.J.Groot *see* Groot Boerle, D.J.
Boerner, W.-M., Mott, H., Tanaka, M., Yamaguchi, Y. Determination of optimal polarimetric contrast using the partially coherent Kennaugh, covariance and Graves matrices in POL-SAR image analysis 26948
Boerner, W.-M., Verdi, J.S. Wideband interferometric sensing and imaging polarimetry, and its relevance to wide-area military surveillance and environmental monitoring of the terrestrial and planetary covers 26994
Boernsen, N., Faehnle, M. Ab-initio calculation of local magnetic moments for the liquid ferromagnet $Co_{1-x}Pd_x$ 23293
Boero, G. *see* Allspach, D.H. 37193
Boero, M. *see* Nash, G.R. 2157
Boertjes, D. *see* Krishnaswamy, M. 44416
Boertjes, D.W., McMullin, J.N., Keyworth, B.P. Graded effective index planar polymer waveguides 13663
Boerzsoenyi, T. *see* Gonzalez-Cinca, R. 30733
Boes, D.C. *see* Werahera, P.N. 46698
Boes, J.L. *see* Kim, B. 15995
Boesch, A. *see* Polyakov, A.S. 19502
Boesch, C. *see* Felblinger, T. 7956
Boesch, F., Gross, D., Suffel, C. A coherent model for reliability of multiprocessor networks 35733
Boese, I.M., Collier, R.J., Jastrzebski, A.K., Ahmed, H., Cleaver, J.R., Hasko, D. An on wafer probe for measurements at 140 GHz 58974
Boesiger, P. *see* Ladd, M.E. 7995
Boetschi, J., Ruegge, T. Compact line: a coating technology permitting in line automated processing of solder mask 11953
Boettcher, T. *see* Cole, E.A.B. 43126
Boettcher, T. *see* Cole, E.A.B. 54709
Boettcher, T. *see* Dong, Z.W. 13499
Boettinger, W.J. *see* Moon, K.W. 10999
Boettle, D., Masetti, F., Burzio, M., Cinato, P., McGuire, A., Eilenberger, G., Sotom, M., Jacob, J.-B., Vogel, P., Martinson, T., Benoit, J. ATMOS (ATM optical switching)–system perspective 26456
Boetz, D. *see* Syrbu, A.V. 3846
Boeuf, J.P. *see* Liland, K.B. 9724
Boey Lim Pang *see* Lim Pang Boey
Boezio, M. *see* Bellotti, R. 37270
Bofah, P. *see* Momoh, J.A. 20528
Boffa, V. *see* Barone, A. 3277
Boffi, D., Lovadina, C. Analysis of new augmented Lagrangian formulations for mixed finite element schemes 30675
Bog Kwon Kim, Soon Kurl Kwon, Hyun Woo Lee, Ki Young Suh Operation characteristics of fast pulse generator using a 2-stage magnetic switch 53075
Bogaart, F.L.M.Van den *see* Van den Bogaart, F.L.M.
Bogachek, E.N., Scherbakov, A.G., Landman, U. Thermopower of quantum nanowires in a magnetic field 12389
Bogachev, Y.P., Izosimov, O.B. New generation of digital controlling electrical drives: high-precision synchronous servo drive for machine tools axes-robotics-mechatronic modules 61171
Bogacz, A. *see* Murphy, C.T. 49262
Bogacz, S.A., Cline, D.B. A $\mu^+\mu^-$ quantum collider using bent crystals and binary crystals at the collision point 17967
Bogacz, S.A., Cline, D.B., Sanders, D. Physics potential and development of a $\mu^+\mu^-$ collider: the crystal collider 27987
Bogacz, S.A., Cline, D.B., Sanders, D.A. A $\mu^+\mu^-$ crystal collider concept 49259
Bogacz, S.A. *see* Liu, Y. 18017
Bogacz, S.A. *see* Sandler, P.H. 7738
Bogaert, J. *see* Plets, P. 37735
Bogaert, N.Van den *see* Van den Bogaert, N.
Bogaerts, A.A.M.B. *see* Balkenende, A.R. 58938
Bogaerts, D., Orban de Xivry, E., Wyns, A. Powering the mobile base stations 51211
Bogaerts, D. *see* Velaerts, B. 51345
Bogaerts, R. *see* van Bockstal, L. 4208
Bogaevsici, I.A. *see* Lang, V. 46502
Bogalecka, E. *see* Krzeminski, Z. 9618
Bogang Zhong *see* Zhong Bogang
Bogani, F. *see* Brusaferri, L. 12378
Bogarra-Rodriguez, S. *see* Martinez-Velasco, J.A. 19414
Bogarra-Rodriguez, S. *see* Martinez-Velasco, J.A. 19830
Bogart, C.D., Kay, S.R., King, D., Kirwan, M.R. A heuristic algorithm for position estimation 28720
Bogataj, T. Notes on the analysis of reflectometric results 45265
Bogataj, U. *see* Gider, F. 37841
Bogataj, U. *see* Tomsic, M. 37880
Bogatchev, G. *see* Pelova, V. 23673
Bogatova, G.A. *see* Baryshnikov, F.F. 14218
Bogatova, G.A. *see* Baryshnikov, F.F. 55747
Bogaty, J. *see* Zinkann, G.P. 49144
Bogaty, J.M. *see* Pardo, R.C. 37105
Bogatyrev, V.A. *see* Biryukov, A.S. 55180
Bogdahn, U. *see* Becker, G. 49455
Bogdan, A., Citko, T. Electrical energy transfer through HF-AC resonant link converter 60922
Bogdan, A. *see* Citko, T. 9397
Bogdan, M., Rosenstiel, W. Classification of nerve signals using Kohonen's self-organizing map 59702
Bogdan, S., Kovacic, Z., Crnosija, P. Self tuning time optimal algorithm for thyristor converter current control 60900
Bogdan, S. *see* Kovacic, Z. 9614
Bogdan, V.I. *see* Bibilo, P.N. 31159
Bogdana, M. *see* Roman, F. 44896
Bogdanov, A.L. *see* Malmqvist, L. 42881
Bogdanov, E.S. *see* Savov, V.N. 50988
Bogdanov, F.G., Zaridze, R.S., Karkashadze, D.D., Shubitidze, Ph.F. Modified auxiliary sources method for investigation of diffraction on the voluminous bodies of complicated form 45013
Bogdanov, P. *see* Al'shina, A. 27937
Bogdanov, V.I. *see* Belyaev, A.G. 24137
Bogdanov, V.V., Ezhikova, E.A. Effect of the method of averaging of the signal from a force transducer on the accuracy and information characteristics of an aerodynamic experiment 49007
Bogdanova, N.B., Terzijska, B.M. A description of cryogenic temperature sensor characteristics by the weighted orthonormal polynomial expansion method: Germanium and platinum thermometer calibration test data approximation 7251
Bogdanovic, I. *see* Manfredotti, C. 37318

Bogdanovich, B., Nesterovich, A., Minaev, S. RF-field generation in wide frequency range by electron beam 37129
Bogdanovich, B. *see* Shalnov, A. 37127
Bogdanovich, B. *see* Shalnov, A. 37128
Bogdanovich, S., Dai, P., Sarachik, M.P., Dobrosavljevic, V., Kotliar, G. Scaling of the conductivity of Si:B: anomalous crossover in a magnetic field 41876
Bogen, M., Hansen, G., Lenz, M. W3Gate – a Web access for outsiders 6223
Bogen, M., Hansen, G., Lenz, M. W3Gate: a Web access for outsiders 16391
Bogen, S. *see* Aderhold, W.R. 22579
Bogen, S. *see* Jiao, G.Y. 49296
Boger, D., Roper, G., Birch, B., Bayes, M., Mansilla, S. US EPA-IPC design for the environment program–making holes conductive, performance testing: preliminary results 11878
Boger, D. *see* Birch, B. 31622
Boger, J.K. *see* Ulibarri, L.J. 27085
Boger, M. *see* Kemp, A. 29284
Boger, Z. *see* Talaie, A. 48701
Bogert, A.J.van den *see* van den Bogert, A.J.
Boggess, T.F. *see* Jang, D.-J. 42133
Boggia, A., Brautti, G., Raino, A., Stagno, V., Ceci, N., Valentino, V., Variale, V. Prototype of a tubeless vacuum insulated accelerator 49136
Boggs, C.K. *see* Nelson, C.W. 17221
Boggs, D. Organic solderability preservatives as a printed circuit board surface finish 11937
Boggs, S., Densley, J., Kuang, J. Surge-induced temperature rise in water-containing defects in XLPE: mechanism for conversion of water trees to electrical trees 32713
Boggs, S. *see* Jiang, G. 43531
Boggs, S. *see* Jinbo Kuang 38357
Boggs, S.A., FitzPatrick, G.J., Jinbo Kuang Transient errors in a precision resistive divider 19943
Boggs, S.A. *see* Homma, H. 8933
Boggs, S.A. *see* Jinbo Kuang 8907
Boggs, S.A. *see* Jinbo Kuang 19407
Boggs, S.A. *see* Xu, X. 32648
Boghiu, D. *see* Magureanu, R. 61190
Bogild-Hansen, J. *see* Hohlein, B. 20179
Bogju Lee *see* John Yen 52521
Boglaev, Y.P. *see* Abou-Rabia, O. 30634
Boglietti, A., Ferraris, P., Lazzari, M., Pastorelli, M. Influence of modulation techniques on iron losses with single phase DC/AC converters 9318
Boglietti, A., Ferraris, P., Lazzari, M., Pastorelli, M. About the possibility of defining a standard method for iron loss measurement in soft magnetic materials with inverter supply 23288
Boglietti, A., Lazzari, M., Pastorelli, M., Viglietti, W. Induction motor winding commutation with direct field oriented control for wide constant power range operation 29738
Bogliolo, A., Benini, L., de Micheli, G., Ricco, B. Gate-level current waveform simulation of CMOS integrated circuits 13125
Bogliolo, A. *see* Vuillod, P. 11324
Boglione, L., Pollard, R.D., Postoyalko, V. Analytical behavior of the noise resistance and the noise conductance for a network with parallel and series feedback 40845
Boglione, L., Pollard, R.D., Postoyalko, V. Optimum noise-source reflection-coefficient design with feedback amplifiers 41430
Bogner, G., Grotsch, S., Wicke, M. Higher outputs, easier assembly: what's new in high-power laser diodes? 44529
Bogner, R.E. *see* Mohandes, M. 27080
Bogner, R.E. *see* Moini, A. 25700
Bogner, R.E. *see* Zhu, J. 27081
Bogolyubov, A.N., Delitsyn, A.L. Finite-element calculation of dielectric waveguides precluding the appearance of nonphysical solutions 34168
Bogomaz, A.A. *see* Kolikov, V.A. 33860
Bogomol'nyi, V.M., Serebryakov, Yu.N. Calculation of an electric field in metal-insulator-metal structures [piezoelectric transducers] 13346
Bogomolov, A.V., Ryumin, S.P. A pulse-shape discrimination technique for interactions of particles in NaI(Tl) and CsI(Tl) scintillators viewed simultaneously with the same photomultiplier 49342
Bogomolov, G.D. *see* Baryshnikov, F.F. 55747
Bogorodzki, P., Rogowska, J., Piatkowski, A., Lo, E.H., Wolf, G.L. A bolus tracking algorithm, based on correlation analysis, for pixel by pixel functional image evaluation 28293
Bogoush, M.E., Pozdnyakov, P.G. Quartz crystal units with bar piezoelements vibrating in double-shear mode 23270
Bogucki, J. The influence of propagation conditions on work reliability of terrestrial line-of-sight radiolinks 58105
Bogucki, T.M., Murphy, W.R., Baker, C.W., Piazza, S.S., Haus, A.G. Processor quality control in laser imaging systems 49505
Bogue, R.W. Novel fibre optic live cell biosensor 48697
Bogue, R.W. Novel porous silicon biosensor 48698
Bogus, K. *see* Bourgoin, J.C. 37987
Boguslavsky, L.I. *see* Geng, L. 36714
Boguslawsky, I.Z., Kuss, H. Additional losses from circulation currents in round conductors of elementary coils 50903
Boguth, S. *see* Bok, J. 1726
Boguth, S. *see* Treitinger, L. 13114
Boguth, S. *see* Treitinger, L. 22952
Bogy, D.B. *see* Xiaohan Yun 32840
Bohacek, J., Svoboda, P., Vasek, P. AC QHE-based calibration of resistance standards 27218
Bohacek, J. *see* Delahaye, F. 27825
Bohacek, J. *see* Hartland, A. 27826
Bohan, P. Modeling converter mismatch, superposition and linearity errors 11512
Bohan Wang *see* Wang Bohan
Boheng Zhang *see* Zhang Boheng
Boher, P., Piel, J.P., Defranoux, C., Stehle, J.L., Hennet, L. Characterization of resists and antireflective coatings by spectroscopic ellipsometry in the UV and deep UV range 2470
Boher, P., Stehle, M., Godard, B., Stehle, J.L. Single shot excimer laser annealing of amorphous silicon: effect of hydrogen on the properties of the polysilicon 12622
Bohl, D.G. *see* Foss, J.F. 17252
Bohl, T., Linnecar, T.P.R., Shaposhnikova, E. Measuring the resonance structure of accelerator impedance with single bunches 59175
Bohland, J. *see* Sasala, R.A. 39081
Bohlander, R.A. *see* McMillan, R.W. 50044
Bohler, A. *see* Ammermann, D. 17605
Bohling, D.A. *see* Beck, S.E. 42443
Bohling, D.A. *see* Beck, S.E. 42523
Bohling, D.A. *see* George, M.A. 42467
Bohm, B. *see* Libing Yang 60521
Bohm, C. *see* Engstrom, M. 59305
Bohm, G. *see* Boche, B. 14145
Bohm, G. *see* Dong Xu 54706
Bohm, G. *see* Murayama, K. 32359
Bohm, G. *see* Schuster, R. 42166
Bohm, G. *see* Xu, D. 41440
Bohm, R., Baev, V.M., Toschek, P.E. Measurements of operation parameters and nonlinearity of a Nd^{3+}-doped fibre laser by relaxation oscillations 23790
Bohm, S. *see* Rotter, M. 55339
Bohman, T. *see* Valentino, G.J. 49886
Bohmayr, W., Burenkov, A., Lorenz, J., Ryssel, H., Selberberr, S. Monte Carlo simulation of silicon amorphization during ion implantation 12956
Bohme, H. *see* Bergmann, R. 11837
Bohme, H. *see* Noe, S. 23188
Bohme, J.F. *see* Gershman, A.B. 4679
Bohme, J.F. *see* Gershman, A.B. 34764
Bohme, J.F. *see* Gorokhov, A. 24922
Bohme, J.F. *see* Mecklenbrauker, C.F. 28657
Bohme, R., Goldnau, J., Grosser, C. Optical fibre overhead cable in use as conductor cable 28909
Bohmer, K. *see* Schmidt, A. 42825
Bohmer, S., Klafka, R. A new approach to performance evaluation of formally specified protocols 16089
Bohmeyer, D.M. *see* Negri, A.J. 47925
Bohn, C. *see* Kehne, D. 18015
Bohn, C.L. A program to research emittance growth in bends 18011
Bohn, C.L. Conceptual foundation of the Fokker-Planck approach to space-charge effects 18040
Bohn, C.L., Delayen, J.R. Mechanisms of beam-halo formation in high-intensity linacs 7701
Bohn, C.L. *see* Delayen, J.R. 7711
Bohn, F., Major, P., Taylor, L. Fading phenomena in the wireless environment 47607
Bohn, F.H. *see* Neubauer, O. 48842
Bohn, R.G. *see* Shao, M. 9554
Bohr, M., Ahmed, S.S., Ahmed, S.U., Bost, M., Ghani, T., Greason, J., Hainsey, R., Jan, C., Packan, P., Sivakumar, S., Thompson, S., Tsai, J., Yang, S. A high performance 0.25 μm logic technology optimized for 1.8 V operation 41067
Bohr, M.T. *see* Thompson, S.E. 2649
Bohrer, J. *see* Ledentsov, N.N. 2177
Bohrer, J. *see* Ledentsov, N.N. 24005
Bohringer, K. Processor & Co: Intel company abandons manufacture of coprocessors 21742
Bohringer, K.F., Donald, B.R., MacDonald, N.C., Kovacs, G.T.A., Suh, J.W. Computational methods for design and control of MEMS micromanipulator arrays 54841
Bohringer, M., Jiang, Q., Berndt, R., Schneider, W.-D., Zegenhagen, J. Discommensurations, epitaxial growth and island formation in Ge(111):Cu 30769
Bohs, L.N., Geiman, B.J., Nightingale, K.R., Choi, C.D., Friemel, B.H., Trahey, G.E. Ensemble tracking: a new method for 2D vector velocity measurement 28183
Bohs, L.N. *see* Friemel, B.H. 28182
Bohus, L.S., Rozlosnik, N., Palfalvi, J., Birattari, C., Gadioli, E., Greaves, E.D. Identification of heavy ions by means of latent tracks in the passive detector CR-39 59299
Bohus, L.Sajo *see* Sajo Bohus, L.
Boiano, A. *see* Fioretto, E. 59283
Boichuk, A.M. *see* Arytyunov, P.A. 11574
Boies, M. *see* Cole, T.D. 8256
Boies, M.T., Cole, T.D. Design, development, and flight qualification of the optical receiver for the NEAR laser rangefinder 6974
Boies, M.T., Cole, T.D., El-Dinary, A.S., Reiter, R.A. Optical system development and performance testing of the NEAR laser rangefinder 49893
Boies, M.T. *see* El-Dinary, A.S. 6973
Boies, M.T. *see* Le, B.Q. 49896
Boiko, B.R., Grishmanovskii, V.A., Kozlov, A.N., Terasov, V.B. The RT-70 radiotelescope 48191
Boiko, D.L., Golyaev, Yu.D., Lezhenin, D.G. Cavity amplitude and phase nonreciprocities of monolithic solid-state ring lasers 55545
Boiko, F.K. *see* Kuvaldin, A.B. 9143
Boikov, I.V. Approximation methods of recovering input signals distorted by nonlinear dynamic systems 7121
Boikov, Yu.A., Claeson, T. High tunability of the permittivity of $YBa_2Cu_3O_{7-\delta}/SrTiO_3$ heterostructures on sapphire substrates 41283
Boikov, Yu.A., Ivanov, Z.G., Claeson, T. Superconductor/ferroelectric epitaxial heterostructures for tunable microwave devices 55147
Boilot, J.-P. *see* Bentivegna, F. 24188
Boilot, J.-P. *see* Brunel, M. 14384
Boilot, J.-P. *see* Chaput, F. 33201
Boilot, J.-P. *see* Darracq, B. 23440
Boilot, J.-P. *see* Faloss, M. 23767
Boilot, J.-P. *see* Ricolleau, C. 12316
Boimelshtein, Yu.M. *see* Aleksandrov, A.V. 49205
Boire, J.-Y. *see* Scellier, D. 37730
Bois, G. *see* Savaria, Y. 45723
Bois, J.R. *see* Decaesteke, T. 58450
Bois, J.R. *see* Dueme, P. 58315
Bois, J.R. *see* Mathoorasing, D. 58296
Boisde, G., Harmer, A. Chemical and biochemical sensing with optical fibers and waveguides 87
Boisdon, C. *see* Saker, A. 19791
Boisset, G.C. *see* Kabal, D.N. 33332
Boisset, G.C. *see* Plant, D.V. 13894
Boisset, G.C. *see* Plant, D.V. 55473
Boissier, G. *see* Baranov, A.N. 14109
Boissier, G. *see* Genty, F. 24013
Boissonnat, J.-D. Evaluating signs of determinants using single-precision arithmetic 40188
Boissonnat, J.-D. *see* Avnaim, F. 40192
Boissy, C., Atten, P., Foulc, J.-N. The conduction model of electrorheological effect revisited 974
Boissy, C. *see* Atten, P. 23151
Boisvert, J.C., Montroy, J.T., Jostad, L., Zhou, B., Szawlowski, M. Improved large-area avalanche photodiodes for scintillation detection in calorimetry 59216
Boiteux, G. *see* Kranbuehl, D. 11003
Boiteux, S.Le *see* Le Boiteux, S.
Boittin, R. *see* Barry, L.P. 16761
Boivin, D. *see* Scheurer, J.N. 59353
Boivin, E. *see* Clarencon, D. 37827
Boivin, L., Nuss, M.C., Shah, J., Miller, D.A.B., Haus, H.A. Receiver sensitivity improvement by impulsive coding 58382
Boizard, J.L. *see* Deyres-Pescay, C. 50139
Bojan, D. *see* Zorica, N. 35910
Bojanic, B. *see* Poljak, M. 60832
Bojarczak, P. *see* Osowski, S. 15322
Bojarczuk, N.A. *see* Guha, S. 10676
Bojarczuk, N.A. *see* Kash, J.A. 32173
Boji Xia *see* Xia Boji
Bojic, M., Savanovic, G., Trifunovic, N., Radovic, L., Saljic, D. Thermoelectric cooling of a train carriage by using a coldness-recovery device 51865
Bojicic, A.I. *see* Nikolic, P.M. 54130
Bojin Qi *see* Qi Bojin
Bojko, T. *see* Lisowski, W. 7588
Bojkovic, A. Measurement of partial discharges in stator insulation of large generators 19694
Bojna, I., Jahn, P. Equivalent complex permeability for nonsinusoidal driving fields B and H 32811
Bojsen, J., Georgsson, G., Grimnes, S., Karp, P., Lofstedt, L., Thoren, U., Vauramo, E. Implementation and evaluation of hospital quality systems for clinical engineering 18173
Bojtor, L., Csizmazia, J., Gal, I., Paal, E., Stadler, G., Szilagyi, P. A static starter for large gas turbines 60556
Bojun Yang *see* Yang Bojun
Bojun Zhou *see* Zhou Bojun
Bok, B. *see* Vera, P. 37674
Bok, H., Young, L. Environmentally compliant application of conformal coatings 39954
Bok, J., Felder, A., Meister, T.F., Franosch, M., Auf-inger, K., Wurzer, M., Schreiter, R., Boguth, S., Treitinger, L. A 50 GHz implanted base silicon bipolar technology with 35 GHz static frequency divider 1726
Bok Han Jai *see* Jai Bok Han
Bok Lee Chan *see* Chan Bok Lee
Bok Lee Kwang *see* Kwang Bok Lee
Bok-Hee Lee, Chang-Hwang Ahn, Mun-No Joo Characteristics of the electric fields associated with lightning discharges 44855
Bok-Hee Lee, Kyoung-Ok Lee, Bong-Chul Ha Characteristics of radiation magnetic field waveforms produced by lightning discharges 24320
Bok-Hee Lee *see* Duk-Kyu Jeon 27807
Bok-Kyu Lee *see* Doo-Sung Shin 19375
Bok-Moon Kang *see* Jei-Hwan Yoo 1335
Bok-Shin Ahn *see* Jun-Hee Hong 60344
Boka, J. *see* Gajic, Z. 56447
Bokalo, P. *see* Raesner, D. 10211
Bokemeyer, H. *see* Schicker, R. 18140
Bokenbrink, D., Gilles, H.-J., Schiffer, A., Schroder, E. Replacement of a control system in only 81 days 60548
Bokhari, S.A., Zurcher, J.-F., Mosig, J.R., Gardiol, F.E. A small microstrip patch antenna with a convenient tuning option 4353
Bokhimi *see* Ortega-Lopez, M. 12293

Bokka, V., Gurla, H., Olariu, S., Schwing, J.L., Stojmenovic, I. Time-optimal digital geometry algorithms on meshes with multiple broadcasting 4970
Bokor, J. *see* Assaderaghi, F. 32409
Bokor, J. *see* Assaderaghi, F. 42332
Bokor, J. *see* Nguyen, K.B. 32401
Bokor, J. *see* Seongtae Jeong 31788
Bokor, J. *see* Sinitsky, D. 22846
Bokor, J. *see* Sinitsky, D. 22849
Bokor, J. *see* Son, J. 2264
Bokor, N., Papp, Z. Computational method for testing computer-generated holograms 4153
Bokovikov, A.B. *see* Popov, Yu.A. 13788
Boksha, V.V. *see* Brown, K.C. 54824
Bol, A.A. *see* Meijerink, A. 12212
Boland, F.M. *see* O'Ruanaidh, J.J.K. 4925
Boland, S., Deriche, M. Audio coding using the wavelet packet transform and a combined scalar-vector quantization 14825
Boland, S., Deriche, M. Low bit-rate audio coder using an M-band multiresolution filter bank 36351
Bolay, H. *see* Scholz, F. 30829
Bolay, H. *see* Scholz, F. 40365
Bolch, W.E. *see* Harder, G. 37413
Bolchini, C., Buonanno, G., Sciuto, D., Stefanelli, R. Static redundancy techniques for CMOS gates 11286
Bolchini, C., Buonanno, G., Sciuto, D., Stefanelli, R. Fault detection and fault tolerance issues at CMOS level through AUED encoding 32557
Bolchini, C., Salice, F., Sciuto, D. Redundant faults in TSC networks: definition and removal 31251
Bolcksei, H., Hlawatsch, F., Feichtinger, H.G. Frame-theoretic analysis and design of oversampled filter banks 1590
Bolcskei, H., Feichtinger, G., Grochenig, K., Hlawatsch, F. Discrete-time Wilson expansions 45782
Bolcskei, H., Grochenig, K., Hlawatsch, F., Feichtinger, H.G. Oversampled Wilson expansions 45881
Bolcskei, H., Hlawatsch, F. Discrete Zak transforms, polyphase transforms, and applications 45934
Bolcskei, H., Hlawatsch, F., Feichtinger, H.G. Oversampled FIR and IIR DFT filter banks and Weyl-Heisenberg frames 11598
Bolcskei, H. *see* Hlawatsch, F. 15364
Bold, B.S. An industrial perspective of technology CAD for advanced CMOS technologies 13117
Boldea, I., Nasar, S.A., Penswick, B., Ross, B., Olan, R. New linear reciprocating machine with stationary permanent magnets 29347
Boldea, I. *see* Deodhar, R.P. 29248
Boldea, I. *see* Madescu, G. 29328
Boldea, I. *see* Madescu, G. 29329
Boldea, I. *see* Muntean, N. 60712
Boldrighini, S. *see* Puliti, C. 29376
Boldt, P., Wichern, J., Zippel, S., Dorr, M., Zentel, R., Brauchle, C., Dietrich, R., Meerholz, K. Tricyanoquinodimethane-derived chromophores for second-order nonlinear optical polymers 24182
Boldt, P. *see* Meerholz, K. 24231
Bolduc, L. *see* Picher, P. 38771
Bolduc, P., Fortin, J., Chevrette, P., Zaccarin, A. Enhancement of point-source targets in an IR staring FPA sensor 19013
Bolenz, K. Design modifications of the electrical system to use intermittent engine operation 29856
Boles, C.D. *see* Noss, R.S. 18409
Boles, T.E. *see* O'Keefe, M.F. 53599
Boley, C.D. *see* Warner, B.E. 172
Bolger, J.A., Paul, A.E., Smirl, A.L. Ultrafast ellipsometry of coherent processes and exciton-exciton interactions in quantum wells at negative delays 2218
Bolger, J.C., Czarnowski, J.M. Area bonding conductive epoxy adhesives for low-cost grid array chip carriers 20871
Bolger, M., Carrington, C. Methylmercury hazards and risks–what is the question? 9986
Boliang Pan *see* Pan Boliang
Bolick, M. *see* Zandi, A. 25575
Boling, E. *see* Syroid, D. 18625
Boling, E. *see* Syroid, D. 59949
Bolioli, S. *see* Sherman, V. 23429
Bolisani, E. *see* Gottardi, G. 30090
Bolisani, E. *see* Scarso, E. 30092
Bolivar, J.P., Garcia-Tenorio, R., Garcia-Leon, M. A method for the determination of counting efficiencies in γ-spectrometric measurements with HPGe detectors 37367
Bolivar, P.H. *see* Nusse, S. 42036
Bolkhovityanov, Yu.B., Jaroshevich, A.S., Revenko, M.A., Scheibler, H.E., Terekhov, A.S. Shear deformation potential of elastically strained InGaP/GaAs(111)B and InGaAsP/GaAs(111)B films 12277
Bolkhovityanov, Yu.B. *see* Drescher, P. 12069
Bolkus, R. *see* Carullo, S.P. 19103
Bolla, G. *see* Antos, J. 37373
Bolla, G. *see* Azzi, P. 37390
Bolla, R., Dalal'ah, A., Davoli, F., Marchese, M. Dynamic route selection at call set-up level in ATM networks 25981
Bolla, R., Dalal'ah, A., Davoli, F., Marchese, M. Two simulation tools for testing ATM resource allocation strategies 58062
Bolla, R., Davoli, F., Lazzaro, G., Nobile, C. Dynamic bandwidth sharing between voice and data traffic in a RRA multiple access scheme for cellular mobile radio networks 47720
Bolla, R., Davoli, F., Marchese, M. Complete partitioning schemes for call access control in ATM networks 5742
Bolla, R., Davoli, F., Marchese, M. A simple model for cell loss probability evaluation in an ATM multiplexer 35402
Bolla, R., Davoli, F., Marchese, M. Simple schemes for traffic integration at call set-up level in ATM networks 46701
Bollanti, S., Di Lazzaro, P., Flora, F., Giordano, G., Letardi, T., Murra, D., Petrucci, C., Schina, G., Uteza, O., Zheng, C.E. Near diffraction-limited excimer laser beam from a XeCl POPA system 13937
Bollanti, S., Di Lazzaro, P., Flora, F., Letardi, T., Murra, D., Petrucci, C., Uteza, O. Study of a compact three-electrode oscillator-amplifier excimer laser system 3704
Bollanti, S., Di Lazzaro, P., Murra, D. How many times is a laser beam diffraction-limited? 24062
Bollanti, S., Di Lazzaro, P., Murra, D. Beam quality characterization and times-diffraction-limit estimation of two high power excimer lasers 55787
Bolle, A. *see* Oskar van Deventer, M. 26820
Bolle, L. *see* Aranyosi, A. 52284
Bolle, R. *see* Lin Hong 25475
Bolle, R.M., Connell, J.H., Haas, N., Mohan, R., Taubin, G. VeggieVision: a produce recognition system 25479
Bolle, R.M. *see* Karu, K. 5565
Bollea, L. *see* Bernasconi, V. 47637
Bollen, M.H.J. Fast assessment methods for voltage sags in distribution systems 28876
Bollen, M.H.J., Conrad, L.E. Voltage sag coordination for reliable plant operation 38204
Bollen, M.H.J., Yalcinkaya, G., Pellis, J., Qader, M.R. A voltage sag study in a large industrial distribution system 39460
Bollen, M.H.J. *see* Ping Wang 19240
Bollen, M.H.J. *see* Qader, M.R. 19270
Bollepalli, S. *see* Hector, S. 32290
Boller, C. Intelligent materials and systems as a basis for innovative technologies in transportation vehicles 20170
Boller, G. *see* Baake, B. 19137
Boller, K.-J. *see* Beier, B. 33661
Boller, K.-J. *see* Scheidt, M. 24121
Bollig, C., Clarkson, W.A., Hanna, D.C., Lovering, D.S., Jones, G.C.W. Single-frequency operation of a monolithic Nd:glass ring laser via the acousto-optic effect 14056
Bollig, C. *see* Clarkson, W.A. 14084
Bolliger, B., Stewart, M. X-ray laminography improves functional-test yield 31630
Bollinger, J.G., Corradini, M.L. Innovation in engineering education at the University of Wisconsin 20605
Bollinger, J.J. *see* Tan, J.N. 48324
Bollinger, J.J. *see* Wineland, D.J. 48291
Bollinger, K.E. *see* Ao, S.Z. 19715
Bollinger, K.E. *see* Grainger, L.G. 17725
Bollinger, K.E. *see* Madan, S. 19125
Bollinger, K.E. *see* Madan, S. 19283
Bollini, P., Chisci, L., Farina, A., Giannelli, M., Timmoneri, L., Zappa, G. QR versus IQR algorithms for adaptive signal processing: performance evaluation for radar applications 6874
Bollini, R., Youn, L.T. Electric power needs in developing countries: cogeneration and standardization 29057
Bollobas, B., Brightwell, G. Random walks and electrical resistances in products of graphs 30503
Bollond, P.G. *see* Barry, L.P. 13581
Bollond, P.G. *see* Barry, L.P. 55197
Bollond, P.G. *see* Dudley, J.M. 55217
Bollu, M. *see* Bertagnolli, E. 2796
Bolme, G.O. *see* Lyles, J.T.M. 49172
Bolme, G.O. *see* Sherman, J.D. 49174
Bolmont, D. *see* Simon, L. 813
Bolmsjo, M. *see* Albu, C. 37863
Bologa, A.M., Bologa, A.M. Electrostatic sprayer (ESL) with electric charging of dielectric liquid in the field of corona discharge in internal ESL zone 24381
Bologa, A.M. *see* Bologa, A.M. 24381
Bologa, M.K., Grosu, A.P., Kozhukhar, I.A., Alexeeva, N.S. On the hydrodynamic stability of dielectric liquids under the electric field influence 23108
Bolognani, S., Conton, R., Zigliotto, M. Experimental analysis of the EMI reduction in PWM inverters using random space vector modulation 9381
Bolognani, S., Zigliotto, M. A novel fuzzy knowledge based flux observer for induction motor drives 29722
Bolognani, S., Zigliotto, M. Novel digital continuous control of SVM inverters in the overmodulation range 60856
Bolognani, S., Zigliotto, M. Parameter sensitivity of the Kalman filter applied to a sensorless synchronous motor drive 61135
Bolognani, S. *see* Bianchi, N. 51701
Bolognesi, A., Bajo, G., Paloheimo, J., Oestergard, T., Stubb, H. Polarized electroluminescence from an oriented poly(3-alkylthiophene) Langmuir-Blodgett structure 55447
Bolognesi, C.-R., Bryce, J.E., Chow, D.H. InAs channel heterostructure-field effect transistors with InAs/AlSb short-period superlattice barriers 13014
Bolognesi, C.R., Dvorak, M.W., Chow, D.H. InAs/AlSb dual-gate HFETs 1718
Bolognesi, C.R., Dvorak, M.W., Soerensen, G., Watkins, S.P. Improved breakdown voltages in sub-micrometre planar GaAs MESFETs with a thin (Ga,In)P surface layer 43147
Bolognesi, C.R. *see* Dvorak, M.W. 13009
Bolognesi, P., Carrara, G., Casini, D., Tadonccco, L. An unconventional no-constant frequency modulation strategy for static converters 60902
Bolognesi, P., Carrara, G., Casini, D., Taponecco, L. An unconventional driving strategy for VSI inverters 38876
Bolognini, N. *see* Granieri, S. 13793
Bolomey, J.C. *see* Mallorqui, J.J. 7979
Bolomey, J.Ch. *see* Garreau, Ph. 8618
Bolon, P. *see* Dapoigny, R. 25325
Bolon, Ph. *see* Chehadeh, Y. 5357
Boloorian, M., McGeehan, J.P. The frequency-hopped Cartesian feedback linear transmitter 6536
Bolopion, A. *see* Gerbaud, L. 39286
Bolot, J.-C. End-to-end behavior of the Internet: measurements, analysis, and applications 57886
Bolot, J.-C., Turletti, T. Adaptive error control for packet video in the Internet 57816
Bolotnikov, A., Ramsey, B. Purification techniques and purity and density measurements of high-pressure Xe 36939
Bolotnikov, A., Ramsey, B. An attempt at using TMA to improve the energy resolution of high-pressure Xe ionization chambers 59295
Bolotov, A.V., Kozyrev, A.V., Korolev, Yu.D., Shemyakin, I.A. The concept of nonmonotonic potential distribution in low-pressure gas discharges 22124
Bolotov, I.M. *see* Gouzhva, Y.G. 27938
Bolotov, V.V. *see* Emeksuzyan, V.M. 54014
Bolouri, H. *see* Ferguson, A. 60088
Bolouri, H. *see* Peacock, C. 22106
Bolozdynya, A., Egorov, V., Koutchenkov, A., Safronov, G., Smirnov, G., Medved, S., Morgunov, V. A high pressure xenon self-triggered scintillation drift chamber with 3D sensitivity in the range of 20-140 keV deposited energy 49324
Bolozdynya, A. *see* Akimov, D. 59257
Bolozdynya, A.I. *see* Akimov, D.Yu. 37245
Bolsens, I., De Man, H.J., Lin, B., Van Rompaey, K., Vercauteren, S., Verkest, D. Hardware/software co-design of digital telecommunication systems 47746
Bolsens, I. *see* Gyselinckx, B. 16547
Bolsens, I. *see* Lin, B. 52943
Bolsens, I. *see* Schaumont, P. 31325
Bolsens, I. *see* Schaumont, P. 35850
Bolser, C. *see* Heifets, S. 49221
Bol'shagin, S.M. *see* Shcheglov, A.S. 60517
Bolshakov, G.V., Lapovok, A.J. A Preisach model for magnetoelastic hysteresis 13421
Bolshakov, T.B. *see* Aksenov, G.A. 36440
Bolshakov, V.I. *see* Romanets, R.G. 23099
Bolshtyansky, M.A., Tabiryan, N.V., Zeldovich, B.Ya. BRIEFING: beam reconstruction by iteration of an electromagnetic field with an induced nonlinearity gauge 24248
Bolsmann, P. *see* Niggemann, M. 17587
Bolson, E. *see* Martin, R.W. 28128
Bolson, E.L. *see* Xiang-Ning Li 28127
Bolt, R., Heim, M., Almgren, J., Ahman, J. A high temperature study of $CsTiOAsO_4$ and $RbTiOAsO_4$ 10615
Bolte, M. *see* Manivannan, G. 55935
Bolten, J. *see* Hoffmann, K. 59697
Bolter, R. *see* Janocha, H. 9464
Bolteux, G. *see* Jeszka, J.K. 22321
Bolton, A.G., Brown, S.F., Moran, W. A computationally efficient algorithm for enhancing linear features in images 15852
Bolton, A.G. *see* Legg, J.A. 27030
Bolton, C. *see* Arthur, J.H. 29887
Bolton, C. *see* Arthur, J.H. 29888
Bolton, D. *see* Zeisler, E.D. 46901
Bolton, D.H. *see* Zeisler, E.D. 57746
Bolton, H.R. *see* Lewis, J.D. 60697
Boltshauser, T. *see* Schroth, A. 27456
Boltz, K. Linked studio lighting controls 58556
Boltz, K. Illumination technology for TV production in concert halls 58558
Bolus, R.L. *see* Zhang, J. 8414
Bolz, A. *see* Amon, M. 59790
Bolz, A. *see* Hubmann, M. 28360
Bolz, A. *see* Schaldach, M. 28439
Bolz, A. *see* Wetzig, T. 28361
Bolzan, A. *see* Carlson, R. 20513
Bolzern, P., Colaneri, P., De Nicolao, G. H_∞-differential Riccati equations: convergence properties and finite escape phenomena 10246
Bolzoni, F., Schmool, D.S., Serraj, A. On the extension of the singular point detection technique towards very high pulsed fields 7542
Bolzoni, F. *see* Solzi, M. 3130
Bom, N. *see* Li, W. 28189
Bom, N. *see* van der Steen, A.F.W. 18349
Bom, V.R. *see* Leliveld, C.J. 28234
Bom Son Lee, Bahar, E. Muellier matrix associated with diffuse scattering from two-dimensional random rough surfaces–full wave analysis 4231
Bom Son Lee *see* Bahar, E. 8393

Bom Son Lee *see* Bahar, E. 34023
Boman, M. *see* Lindstam, M. 10904
Bombaci, O., Impagnatiello, F., Torre, A. New features for online processing in interferometric applications 16873
Bombaci, O., L'Abbate, M., Caltagirone, F. Calibration and expected performances of ENVISAT-1 MWR 50023
Bombaci, O. *see* L'Abbate, M. 50022
Bombade, P. *see* Neuffer, D. 7694
Bombana, M., Cavalloro, P., Ferrandi, F. Property verification in the design of telecom applications 41224
Bombonati, M. *see* Ambrogiani, M. 59219
Bomestar, D. *see* Alexeev, G. 59200
Bomholt, L.H. *see* Korner, T.O. 17383
Boming Zhang *see* Zhang Boming
Bomitali, E., Dal Lago, S., Franceschini, G., Marchisio, P., Mesturino, M., Polese, E., Venuti, G. ARMIDA™: applications retrieving multimedia information distributed over ATM 26368
Bommakanti, R.G. *see* Jinbo Kuang 19407
Bomze, I.M. *see* Pellilo, M. 10392
Bon, J.-L., Collet, J. The use of binary decision diagrams for reliability evaluation 20988
Bon Hoa, D.Hui *see* Hui Bon Hoa, D.
Bon Mardion, G. *see* Van Sciver, S.W. 43854
Bon Mardion, G. *see* Welton, S.J. 43855
Bon-Kee Kim *see* Jin-Su Ko 53521
Bona, A.di *see* di Bona, A.
Bona, B., Indri, M., Tornambe, A. Flexible piezoelectric structures–approximate motion equations and control algorithms 23258
Bona, F.De *see* De Bona, F.
Bonaccorso, C. *see* De Fez-Laso, M.D.M. 37505
Bonafe, T., El Baroudi, S., Bernot, F., Berthon, A. IGBT model for power electronics simulation 43033
Bonafos, C. *see* Omri, M. 31745
Bonaiuto, V. *see* Salerno, M. 31433
Bonaiuto, V. *see* Salerno, M. 31439
Bonal, J., Ortega, C., Rios, L., Aparicio, S., Fernandez, M., Rosendo, M., Sanchez, A., Malvar, S. Overall fab efficiency [semiconductor manufacturing] 30168
Bonal, J., Rios, L., Ortega, C., Aparicio, S., Fernandez, M., Rosendo, M., Sanchez, A., Malvar, S. Productivity improvement through cycle time analysis [IC manufacture] 43191
Bonal, J. *see* Wiart, A. 61162
Bonan, R. *see* Azancot, I. 37654
Bonang, C., Berger, J., Kuo, C.-Y. Long distance 1550 nm fibre optic CATV supertrunking 27160
Bonang, C., Kuo, C.-Y., Berger, J. Long distance 1550 nm fibre optic CATV supertrunking 58569
Bonani, F., Donati, S., Ghione, G., Pirola, M., Naldi, C.U. An efficient physics-based CAD approach to evaluate the sensitivity of GaAs devices with respect to process parameters 53595
Bonanni, A. *see* Yang, X. 54157
Bonar, J.R., Aitchison, J.S. Co-doping effects in rare-earth-doped planar waveguides 3418
Bonard, J.-M., Ganiere, J.-D., Heun, S., Paggel, J.J., Rubini, S., Sorba, L., Franciosi, A. Stacking faults in pseudomorphic ZnSe-GaAs and lattice matched $ZnSe-In_{0.04}Ga_{0.96}As$ layers 54167
Bonard, J.-M. *see* Haddab, Y. 2714
Bonard, J.-M. *see* Heun, S. 22318
Bonard, J.-M. *see* Pellegrini, V. 2577
Bonath, W., Klein, C., Liebetrau, T. Education concepts on ASIC design for microsensors 9872
Bonato, P., Gagliati, G., Knaflitz, M. Analysis of myoelectric signals recorded during dynamic contractions 18426
Bonatto, P., Oklobdzija, V.G. Evaluation of Booth's algorithm for implementation in parallel multipliers 1271
Bonaud, O. *see* Raoult, F. 9913
Bonaventure, O., Klovning, E., Danthine, A. Is VBR a solution for an ATM LAN? 6177
Bonazzi, F. *see* Atutov, S.N. 3497
Boncelet, C.G., Jr *see* Marvel, L.M. 60156
Boncelet, C.G., Jr. *see* Shin, J.-G. 16496
Bonchik, O.Yu. *see* Kiyak, S.G. 22545
Bond, A. An enabling technology for fundamental change [Fieldbus] 16218
Bond, A. *see* Brookes, W. 6155
Bond, A.D. *see* Preston, R.C. 49563
Bond, A.E., Chao-Kun Lin, MacDougal, M.H., Dapkus, P.D., Kaviani, K., Adamczyk, O., Nottenburg, R. Backgating reduction in MESFETs using an AlAs native oxide buffer layer 13008
Bond, A.E. *see* Dapkus, P.D. 23924
Bond, B. *see* Briar, J. 20922
Bond, B. *see* Hundt, M. 20918
Bond, B. *see* Urnes, J.M., Sr. 59909
Bond, E., Wang, J., Dunford, W.G., Mauch, K. A simple spreadsheet-based converter performance model reduces analysis and design time 29444
Bond, L.J. *see* Cimino, W.W. 28416
Bond, M.S. *see* Momoh, J.A. 50477
Bond, S.W. *see* Vendier, O. 36171
Bonda, R., Fang, T., Kaskoun, K., Lytle, B., Swan, G., Stafford, J.W., Marlin, B., Tam, G. Physical design and assembly process development of a multi-chip package containing a light emitting diode (LED) array die 221
Bondani, M. *see* Andreoni, A. 3739
Bondar, A.E. *see* Aulchenko, V.M. 37214
Bondar, A.E. *see* Aulchenko, V.M. 37243
Bondar, A.E. *see* Aulchenko, V.M. 37247
Bondar, A.E. *see* Aulchenko, V.M. 37250
Bondar, V.D., Grytsiv, M.Ya., Groodzinsky, A.S., Vasyliv, M.Ya., Chakhovskoi, A.G., Hunt, C.E., Malinowski, M.E., Felter, T.E. Thin film energy-controlled variable color cathodoluminescent screens 48783
Bondarenko, A.V. *see* Bondarenko, V.P. 42093
Bondarenko, I., Kirk, H., Kononchuk, O., Rozgonyi, G. Conventional EBIC versus MOS/EBIC study of electrically active defects in Si and SOI 32083
Bondarenko, I., Kononchuk, O., Sirotkin, V., Yakimov, E. Reconstruction of recombination properties of extended defects in Si 31775
Bondarenko, O.V. *see* Bliznyuk, N.Y. 34140
Bondarenko, V., Dorofeev, A., Lazarouk, S., Kazuchits, N. Integration of electronic and optoelectronic devices in SOI structures based on oxidized porous silicon 44305
Bondarenko, V. *see* Masini, G. 44272
Bondarenko, V. *see* Zaluzny, M. 44683
Bondarenko, V. *see* Zaluzny, M. 55892
Bondarenko, V.P., Bondarenko, A.V., Dolgyi, L.N., Dorofeev, A.M., Kazuchits, N.M., Levchenko, V.I., Vorozov, N.N., Volchek, S.A., Troyanova, G.N., Yakovtseva, V.A. Porous silicon based heterostructures: formation, properties, and application 42093
Bondarenko, V.P. *see* Filippov, V.V. 1981
Bondarev, B.I., Durkin, A.P., Murin, B.P. Intense ion beam transport and space charge redistribution 37136
Bondarev, B.I., Durkin, A.P., Murin, B.P., Jameson, R.A. Emittance growth and halo formation in charge-dominated beams 7702
Bondarev, B.I. *see* Batskikh, G.I. 7697
Bondarev, B.I. *see* Durkin, A.P. 37137
Bondarev, B.I. *see* Murin, B.P. 49190
Bondarev, B.I. *see* Shumakov, I.V. 49191
Bondarev, L.A. *see* Odinokov, S.B. 32989
Bondarionok, E., Ruhlia, V., Samuilov, V. Nonlinear dynamics of charge transfer in nanoscale silicon clusters 31787
Bondar'kov, M.D., Burachas, S.F., Govorova, R.A., Zheltonozhskii, V.A., Koval, A.F., Piven, L.A., Pirogov, E.N., Ryzhikov, V.D., Sadovnikov, L.V. Gadolinium silicate single crystal integrated spectrometric scintillation assembly for selective detection of gamma-radiation from Americium-241 and alpha-radiation from transuranium radionuclides 28030
Bondi, J.O., Nanda, A.K., Dutta, S. Integrating a misprediction recovery cache (MRC) into a superscalar pipeline 21713
Bondina, N.N., Mikhailov, V.M., Rainin, V.E. Power of losses by restriction in primary winding of instrument transformer with slots 53714
Bondon, P. *see* Bourin, C. 25137
Bondon, P. *see* Picinbono, B. 34786
Bondoux, D. Piezo-damping: a low power consumption technique for semi-active damping of light structures 13372
Bondur, J.A. *see* Yota, J. 54801
Bondurant, P.D., Driesman, A. Smart PCM encoder 7209
Bone, D. *see* Dale, S. 59466
Bone, M. Management and minimisation of radwaste 9033
Bone, R.L. *see* Brown, R.L. 53873
Boneberg, J. *see* Schilling, A. 17861
Bonebright, R.K., Kim, J.H., Hughes, R.A., Clement, J.W., Bocek, T.M., Chan, E.Y., Nitardy, J.H., Chi-Shain Hong Development of dual-rate MIL-STD-1773A data bus transceiver 49891
Bonebright, R.K. *see* Jackson, G.L. 49856
Bonebright, R.K. *see* Kim, J.H. 28700
Bonebright, R.K. *see* LaBel, K.A. 49857
Boned, C. *see* Ding, Z.S. 36415
Bonefacic, D. *see* Vegni, L. 24606
Boneh, D., Dunworth, C., Lipton, R.J., Sgall, J. On the computational power of DNA 12002
Bonek, E. *see* Fuhl, J. 47804
Bonek, E. *see* Molisch, A.F. 47602
Bonekaemper, D. *see* Annis, P. 59237
Bonelli, P., Cavallin, G., Colais, G., Moreschini, G. Acquisition and integrated use of the meteorological data in power system operation and control 38207
Bonen, Z. *see* Shenhar, A.J. 30135
Bones, P.J. *see* Satherley, B.I. 37825
Bones, P.J. *see* Satherley, B.I. 37826
Boneti, H.J. *see* Gunasekaran, M. 38405
Bonetti, R. *see* Smith, A.M. 49348
Bonfiglio, A., Parodi, M.T., Di Zitti, E., Ricci, D., Bianco, B., Ruggeri, G. Langmuir-Blodgett films of poly-alkyl-pyrroles for sensors and molecular devices 58886
Bong, E. *see* Alley, R. 37033
Bong, E. *see* Ross, M.C. 37150
Bong, P. *see* Ruth, R.D. 49165
Bong Choi Go *see* Go Bong Choi
Bong Choi Ki *see* Ki Bong Choi
Bong Dae Choi, Byung Cheol Shin, Ki Bong Choi, Dong Hwan Han, Jae Shin Jang Priority queue with two state Markov modulated arrivals 5748
Bong Ha Kyeong *see* Kyeong Bong Ha
Bong Ha Kyong *see* Kyong Bong Ha
Bong Jin Kim *see* Jong Sub Song 48962
Bong Kang Young *see* Young Bong Kang
Bong Lee Jung *see* Jung Bong Lee
Bong Lim Jae *see* Jae Bong Lim
Bong Mo Park, Su Jin Chung, Hyung Soon Kim, Weimin Si, Dudley, M. Synchrotron white-beam X-ray topography of ferroelectric domains in a $BaTiO_3$ single crystal 43505
Bong Nahm Kie *see* Kie Bong Nahm
Bong Rhee Suh *see* Suh Bong Rhee
Bong Ryul Kim *see* Bhum Cheol Lee 53077
Bong Seop Song, Sang Uk Lee A study on circular filtering in orthogonal transform domain 34718
Bong Shick Sim *see* Jung Woon Lee 50750
Bong Wan Lee, Ho Jin Jeong, Byoung Yoon Kim High-sensitivity mode-locked fiber laser gyroscope 27643
Bong Yeol Ryu, Jai Il Ryu, Hyun Chul Kim, Jin Jang Very low temperature growth of polycrystalline silicon using SiF_4/H_2 10924
Bong-Chool Suk *see* Yong-Kuk Lee 50123
Bong-Chul Ha *see* Bok-Hee Lee 24320
Bong-Gee Song, Ritcey, J.A. Overlaying multiple users in acoustic communications using MIMO spatial diversity equalization 6869
Bong-Gee Song, Ritcey, J.A. Spatial diversity equalization for MIMO ocean acoustic communication channels 16834
Bong-Gee Song, Ritcey, J.A. Joint pre and postfilter design for spatial diversity equalization 25815
Bong-Gee Song, Ritcey, J.A., Ewart, T.E. Maximum likelihood range localization of waves propagating in a random ocean 6992
Bong-Hwan Kim, Tae-Yong Kim, Jeun-Woo Lee, Heung-Moon Choi DCT-based high speed vector quantization using classified weighted tree-structured codebook 24679
Bong-Hwan Kim *see* Tae-Yong Kim 25331
Bong-Hwan Kwon *see* Jong-Hyun Kim 51196
Bong-Il Park *see* Joon-Seo Yim 41189
Bong-Jin Kim *see* Moon-Deock Kim 24017
Bong-Koo Kang *see* Seo-Kyu Lee 54665
Bong-Soo Han *see* Seok-Whan Chung 13158
Bong-Soo Kim, Sun-Cheol Heo, Byoung-Soo Yoon, Jin-O Kim, Sang-Won Nam Design of a power quality disturbance classifier using wavelet theory and neural networks 50492
Bongardt, K., Pabst, M., Letchford, A.P. Halo containment in the ESS linac to ring transfer line 18052
Bongardt, K. *see* Pabst, M. 18042
Bongardt, K. *see* Pabst, M. 37011
Bongartz, M. *see* Hartmann, A. 40485
Bongers, M.M.G., Bastos, P.L., Anders, M.J., Giling, L.J. Non-planar crystal growth of $Ga_{0.5}In_{0.5}P$ by metalorganic chemical vapour deposition 30821
Bongers, M.M.G. *see* Bastos, P.L. 52657
Bongers, M.M.G. *see* Bastos, P.L. 52731
Bongiovanni, G., Gurtler, S., Mura, A., Quochi, F., Staehli, J.L. The contribution of biexcitons to the four-wave mixing response of quantum wells with inhomogeneously broadened transitions 44637
Bongjin Jung, Burleson, W. VLSI array architectures for pyramid vector quantization 35066
Bongjoo Shin, F. *see* Kil, D.H. 27105
Bongki Moon *see* Chialin Chang 58241
Bongnam Noh *see* Taeyeon Kim 46910
Bonhomme, P. *see* Kalitzova, M. 32129
Bonhote, P., Kay, A., Gratzel, M. Photocells with energy conversion after the manner of plants 9541
Bonhote, P. *see* Papageorgiou, N. 20032
Boni, A., Morandi, C., Padoan, S. Current-mode BiCMOS comparator for interpolated, high speed, low voltage A/D converters 21764
Boni, A., Togni, G., Morandi, C. High slew-rate, high gain operational amplifier driving large capacitive loads in a BiCMOS high voltage technology 1146
Boni, R. *see* Camilli, M. 60092
Boni, R. *see* Gallo, A. 49251
Boni, R. *see* Zobov, M. 49224
Bonifaci, N. *see* Brouche, M. 41726
Bonifaci, N. *see* Denat, A. 23133
Bonifaci, N. *see* Nur, M. 23156
Bonifacio, R., De Salvo, L., Barletta, W.A. Relativistic theory of the collective atomic recoil laser 33356
Bonifacio, R. *see* Soon-Kwon Nam 14201
Bonigk, J., Lubinski, A. A basic architecture for mobile information access 16156
Bonilla, L.L. *see* Kastrup, J. 42173
Bonilla, L.L. *see* Wacker, A. 42172
Bonilla, M. *see* Rejon, V. 40407
Bonin, B. *see* Antoine, C. 32889
Bonin, B. *see* Luong, M. 53947
Bonin, F. *see* Candelori, A. 59290
Boning, D. *see* Prasad, S. 42604
Boning, D. *see* White, D.A. 32167
Boning, D. *see* Zhe Ning 30184
Boning, D.S., Chung, J.E. Statistical metrology: understanding spatial variation in semiconductor manufacturing 39887
Boning, D.S., Moyne, W.P., Smith, T.H., Moyne, J., Telfeyan, R., Hurwitz, A., Shellman, S., Tayor, J. Run by run control of chemical-mechanical polishing 42492
Boning, D.S. *see* Stine, B.E. 32526
Boning, D.S. *see* Stine, B.E. 43216
Boning, D.S. *see* Wong, K.S. 54476
Bonino, R. *see* Beringer, J. 37394
Bonino, R. *see* DeWitt, J. 59243
Bonino, R. *see* Sadrozinski, H.F.W. 37399

Boniort, J.Y. *see* Nouchi, P. 13598
Bonis, I.De *see* De Bonis, I.
Bonisoli, A., Korchmaros, G., Szonyi, T. Some multiply derived translation planes with SL(2,5) as an inherited collineation group in the translation complement 40034
Bonito, N. *see* Enloe, C.L. 44912
Bonitz, M. *see* Binder, R. 41814
Bonitz, R.G., Hsia, T.C. Calibrating a multi-manipulator robotic system 48327
Bonivento, C., Rossi, C., Tonielli, A., Zanasi, R. Variable structure control of electric drives 9594
Bonivento, C., Rossi, C., Tonielli, A., Zanasi, R. Electrical drives: alternatives to control 29731
Bonivert, W.D., Hruby, J.M., Hachman, J.T., Malek, C.K., Jackson, K.H., Brennen, R.A., Hecht, M.H., Wiberg, D. Electroplating for LIGA processing 21327
Bonjour, D. *see* Afifi, H. 5880
Bonk, C.L., Appleman, R., Hay, K.E. Electronic conferencing tools for student apprenticeship and perspective taking 82
Bonkohara, M. *see* Tanaka, K. 1852
Bonkohara, M. *see* Tanaka, K. 53838
Bonnaire, R. *see* Tabbara, W. 20547
Bonnal, J.F. *see* Cesarsky, C.J. 36548
Bonnar, M.P. *see* Burnside, B.M. 19567
Bonnassieux, Y., Fadli, M., Le Piouffle, B., Aioun, F. Multivariable robust control of a synchronous servomotor associated to a PWM inverter 51689
Bonnaud, L. *see* Schmitt, F. 36272
Bonnaud, O., Diaconescu, C., Vesa, E., Toma, E. French-speaking module in microelectronics: an example of an international cooperation in education between a French microelectronics center and a Roumanian engineering faculty 9879
Bonnaud, O. *see* Aucouturier, J.L. 9860
Bonnaud, O. *see* Briand, D. 12885
Bonnaud, O. *see* Claverie, I. 12884
Bonnaud, O. *see* Hbib, H. 10872
Bonnaud, O. *see* Hbib, H. 54303
Bonnaud, O. *see* Le Bihan, F. 12197
Bonnaud, O. *see* Loheac, J.-L. 1281
Bonnaud, O. *see* Mohammed-Brahim, T. 52806
Bonnaud, O. *see* Salaun, A.-C. 12985
Bonneau, R. A multiresolution transform and its application to video coding 15648
Bonnecaze, A., Sole, P., Bachoc, C., Mourrain, B. Type II codes over $\mathbf{Z}_4$ 56321
Bonnefoy, J.P., Lattard, D., Mathy, F., Martin, J.L., Poujois, R., Rostaing, J.P., Trystram, P., Cretolle, J. A novel ASIC for readout electronics in semiconductor γ-ray detection 37499
Bonnell, D.W. *see* Schenck, P.K. 10819
Bonner, J.A. *see* Dudley, R.F. 39428
Bonner, M., Mehra, R. Effect of various metal areas with the same shadow area on defibrillation electrode resistance 59814
Bonner, R. *see* Nozette, S. 27126
Bonner, S. Trace heating cable application 20229
Bonner, W.A. *see* Hoke, W.E. 42150
Bonnet, C. Using PVM in wireless network environments 26205
Bonnet, J. *see* Nouaoura, M. 10711
Bonnet, J.A.B.A.F. *see* Lemkowitz, S.M. 30034
Bonnet, M., Farjon, A., Durand, B. Fuzzy control of a rectifier with sinusoidal waveforms 51163
Bonnet, N. *see* Sijbers, J. 59411
Bonnet, N. *see* Vautrot, P. 57507
Bonnet, P., Ferrieres, X., Grando, J., Alliot, J.C. FVTD applied to dielectric or wire structures 34033
Bonnet, P., Ferrieres, X., Paladian, F., Grando, J., Alliot, J.C., Fontaine, J. Electromagnetic wave diffraction using a finite volume method 24455
Bonnet-Ben Dhia, A.-S., Mahe, F. A guided mode in the range of the radiation modes for a rib waveguide 44037
Bonnett, A.H. Quality and reliability of energy efficient motors 29197
Bonnett, A.H. Reliability comparison between standard and energy efficient motors 38687
Bonnett, A.H. A comparison between insulation systems available for PWM inverter fed motors 50887
Bonneval, A.de *see* de Bonneval, A.
Bonney, B. Powering wireless telecomms basestations 60917
Bonniau, P. *see* Michie, C. 17454
Bonniau, P. *see* Trombert, S. 11917
Bonnier, D., Larochelle, V. A range-gated active imaging system for search and rescue, and surveillance operations 28552
Bonnier, G. *see* Bedford, R.E. 17157
Bonnin, P., Hoeltzener-Douarin, B., Pissaloux, E. A data parallel implementation of an edge point chaining: towards a new principle of edge linking 57111
Bonnin, P. *see* Pissaloux, E. 35008
Bonnin, P. *see* Pissaloux, E.E. 35006
Bonnin, P. *see* Pissaloux, E.E. 48413
Bonno, B., Laporte, J.L., Tascon d'Leon, R. Thermal diffusivity measurements in glass and Teflon using photopyroelectric signal spectral analysis and correlation techniques 7666
Bonnotte, E. *see* Trolard, B. 31012
Bonomi, B.M. Optimizing the digital video publishing process: coupling MPEG video encoding and video editing 46340
Bononi, A., Prucnal, P.R. Novel structures of the optical node in multihop transparent optical networks using deflection routing 16790
Bonsch, G., Nicolaus, A., Darnedde, H., Riehle, F., Trebst, T., Zinner, G. Interferometric cross check of two recommended wavelength standards at 633 nm and 657 nm 27230
Bonsi, D. *see* Ambrogiani, M. 59219
Bont, J.G.M.De *see* De Bont, J.G.M.
Bonte, B. *see* Gaquire, C. 53594
Bonton, P. *see* Rouquet, C. 15448
Bontu, C.S., Falconer, D.D., Strawczynski, L. Feasibility evaluation of high rate FSK data transmission and equalization for millimeter wave indoor radio 47767
Bonu Yan *see* Yan Bonu
Bonushkin, Y., Dworkin, L., Hauser, J., Kim, C., Lindgren, M., Scott, A., Appollinari, G. Tests of a third generation multianode phototube 31719
Bonvicini, V. *see* Arfelli, F. 37666
Bonvicini, V. *see* Arfelli, F. 49329
Bonvicini, V. *see* Arfelli, F. 59555
Bonvicini, W. *see* Krizaj, D. 37517
Bonvini, B., Massucco, S., Morini, A., Siewierski, T. A comparative analysis of power system transient stability assessment by direct and hybrid methods 8803
Bonzanino, N. New radio solutions for new network operators 36033
Bonzano, L. *see* Barberis, S. 6622
Bonzel, H.P. *see* Scheuch, V. 42253
Bonzom, J. *see* Duret, D. 8292
Boo, L, Arguello, F., Bruguera, J.D., Zapata, E.L. High performance VLSI architecture for the trellis coded quantization 57478
Boo, M., Arguello, F., Bruguera, J.D., Doallo, R., Zapata, E.L. High-performance VLSI architecture for the Viterbi algorithm 34551
Boo Kim Young *see* Young Boo Kim
Boody, F.P., Hopfl, R., Hora, H., Kelly, J.C. Laser-driven ion source for reduced-cost implantation of metal ions for strong reduction of dry friction and increased durability 18079
Boogaerts, W. *see* Hartmann, G.K. 8419
Booij, W.E. *see* Pauza, A.J. 43829
Book, P.J., Nolte, L.W. Narrow-band source localization in the presence of internal waves for 1000-km range and 25-Hz acoustic frequency 36273
Booker, G.R., Daly, M., Klipstein, P.C., Lakrimi, M., Kuech, T.F., Li Jiang, Lyapin, S.G., Mason, N.J., Murgatroyd, I.J., Portal, J.C., Nicholas, R.J., Symons, D.M., Vicente, P., Walker, P.J. Growth of InAs/GaSb strained layer superlattices by MOVPE. III. Use of UV absorption to monitor alkyl stability in the reactor 52669
Booker, G.R. *see* Klipstein, P.C. 12336
Booker, G.R. *see* Laczik, Z. 31822
Booker, G.R. *see* Moiseiwitsch, N.E. 22769
Booker, R.P.A. *see* McGinn, W.D. 36685
Booker, S.M., Lambert, A.P., Smith, P.D. Calculation of surface impedance effects on transient antenna radiation 14734
Bookstein, F. *see* Dean, D. 18391
Boon, B.S. *see* Kim, J.W. 47462
Boon, W. *see* van Bockstal, L. 4208
Boon Chong Ng, Cedervall, M., Paulraj, A. A structured channel estimator for maximum-likelihood sequence detection 46530
Boon Choong Seng *see* Choong Seng Boon
Boon Soh Cheong *see* Cheong Boon Soh
Boon-Engering , J.M., van der Veer, W.E., Bente, E.A.J.M., Hogervorst, W. Scanning and locking of a single longitudinal mode β-BaB_2O_4 OPO in a grazing incidence configuration 44639
Boon-Lock Yeo *see* Yeung, M.M. 57336
Boon-Teck Ooi *see* Lopes, L.A.C. 8855
Boon-Teck Ooi *see* Lopes, L.A.C. 28861
Boon-Teck Ooi *see* Mwinyiwiwa, B. 8854
Boon-Teck Ooi *see* Mwinyiwiwa, B. 29456
Boon-Teck Ooi *see* Yiqiang Chen 50435
Boone, J.L. *see* Wheeler, E.D. 22527
Boone, J.L. *see* Wheeler, E.D. 32125
Boone, J.M., Chavez, A.E. Comparison of X-ray cross sections for diagnostic and therapeutic medical physics 8032
Boone, J.M., Tong Yu, Seibert, J.A. Sinusoidal modulation analysis for optical system MTF measurements 8028
Boone, J.M. *see* Tong Yu 49421
Boone, J.M. *see* Tong Yu 49509
Boone, K. *see* Seat, J.E. 20498
Boone, K.G., Holder, D.S. Current approaches to analogue instrumentation design in electrical impedance tomography 37811
Boone, K.G. *see* Bayford, R.H. 18446
Boone, L. *see* Beyne, E. 52261
Boonyawan, D. *see* Singkarat, S. 37454
Boor, R. *see* Taylor, M.J. 18408
Boos, J.B. *see* Kruppa, W. 54684
Boos, J.B. *see* Tseng, W.F. 13708
Boos, R. *see* Corbett, F. 36262
Booske, J.H., Basten, M.A., Louis, L.J., Joe, J., Scharer, J.E. An investigation of the applicability of permanent magnet quadrupole arrays for high-power microwave tubes 12118
Booske, J.H. *see* Basten, M.A. 17983
Booske, J.H. *see* Bettenhausen, M.H. 12112
Booske, J.H. *see* Louis, L.J. 12117
Booske, J.H. *see* Scharer, J.E. 1948
Boost, M. *see* Nicklaus, J. 51208
Boot, A.J., van Deventer, M.O. Crosstalk from backscattered four-wave-mm light in bidirectional multichannel systems 26732
Boot, A.J. *see* Van Deventer, M.O. 26850
Booth, C., McDonald, J.R., Laycock, W.J., Bennett, A. Substation based data interpretation techniques for improved power system management 50455
Booth, C. *see* Gwyn, B.J. 19080
Booth, C.N. *see* Sellin, P.J. 18095
Booth, E. *see* Zwart, T. 36368
Booth, I.J. *see* Feller, G.S. 33417
Booth, J.C. *see* Dong Ho Wu 32903
Booth, J.J. *see* Kirsch, J.C. 38157
Booth, J.L. *see* Zhongze Wang 42350
Booth, N.E., Cabrera, B., Fiorini, E. Low-temperature particle detectors 59194
Booth, N.O., Baxley, P.A., Rice, J.A., Schey, P.W., Hodgkiss, W.S., D'Spain, G.L., Murray, J.J. Source localization with broad-band matched-field processing in shallow water 18866
Booth, N.O. *see* Hodgkiss, W.S. 18865
Booth, P.S.L. *see* Allport, P.P. 37375
Booth, P.S.L. *see* Beringer, J. 37394
Booth, R. *see* Scaduto, A.F. 42802
Booth, R.V.H., McAndrew, C.C. A 3-terminal model for diffused and ion-implanted resistors 54729
Booth, T. *see* Ilo, A. 21995
Booth, T. *see* Nussbaum, C. 23385
Booth, T. *see* Weiser, B. 23377
Boothroyd, C.B. *see* Saifullah, M.S.M. 54541
Boothroyd, S.A. *see* Okamoto, T. 33206
Boothroyd, S.A. *see* Skirtach, A.G. 3985
Bootsma, M. *see* Levert, J.V. 37817
Booysen, A., Swart, P.L., Lacquet, B.M., Spammer, S.J. Wavelength insensitive fiber optic sensor based on an axially strained fused coupler 7394
Boozarjomehryjand, R. *see* Ashrafzadeh, F. 38727
Bopp, G. *see* Laukamp, H. 19620
Bopp, G. *see* Voss, K. 50852
Boppana, V., Fuchs, W.K. Integrated fault diagnosis targeting reduced simulation 11369
Boppana, V., Fuchs, W.K. Partial scan design based on state transition modeling 41018
Boppana, V., Hartanto, I., Fuchs, W.K. Characterization and implicit identification of sequential indistinguishability 53178
Boppana, V., Saxena, P., Banerjee, P., Fuchs, W.K., Liu, C.L. A parallel algorithm for the technology mapping of LUT-based FPGAs 11281
Boppana, V. *see* Hartanto, I. 11339
Boppana, V. *see* Hartanto, I. 41044
Boquera, M.C.Espana *see* Espana Boquera, M.C.
Boquete, L. *see* Villadangos, J.M. 21681
Bor, S.S. *see* Yang, S.Y. 48055
Bor, Z. *see* Csete, M. 59060
Bor, Z. *see* Erdelyi, M. 2504
Bor, Z. *see* Erdelyi, M. 42848
Bor, Z. *see* Sengupta, C. 2513
Bor Jenn-Chyou *see* Jenn-Chyou Bor
Bor Sheau-Shong *see* Sheau-Shong Bor
Bor Zen Hong Finite element modeling of thermal fatigue and damage of ceramic column grid array (CCGA) solder joints 52262
Bor Zen Hong, Burrell, L.G. Modeling thermally induced viscoplastic deformation and low cycle fatigue of CBGA solder joints in a surface mount package 269
Bor Zen Hong, Tsorng-Dih Yuan Heat transfer and nonlinear thermal stress analysis of a convective surface mount package 262
Bor-Chin Wang *see* Po-Rong Chang 16595
Bor-Lin Kuo *see* Gwo-Ching Chang 49790
Bor-Lin Lee *see* Ching-Fuh Lin 3624
Bor-Lin Lee *see* Pei-Cheng Ku 23879
Bor-Ren Lin Study of fuzzy current-controlled inverter drives 51695
Bor-Ren Lin, Hoft, R.G. Analysis of power converter control using neural network and rule-based methods 29429
Bor-Ren Lin, Tsang-Sum Huang Analysis of ZCS Cuk converter for power factor correction 9402
Bor-Sen Chen, Wen-Sheng Hou Deconvolution filter design for fractal signal transmission systems: a multiscale Kalman filter bank approach 56576
Bor-Sen Chen *see* Sen-Chueh Peng 45808
Bor-Sen Chen *see* You-Li Chen 45702
Bor-Shenn Jeng *see* Chao-Hao Lee 5510
Bor-Tsuen Wang, Chung-Chei Wang Feasibility analysis of using piezoceramic transducers for cantilever beam modal testing 48438
Bor-Yao Huang *see* Chir-Ho Chang 46201
Bor-Yueh Liu *see* An-Nan Suen 24850
Bora, D. *see* Kulkarni, S.V. 13216
Bora, D. *see* Singh, R. 7521
Bora, P. *see* Skrzeszewski, T. 1258
Borah, M., Owens, R.M., Irwin, M.J. High-throughput and low-power DSP using clocked-CMOS circuitry 21733
Borah, M., Owens, R.M., Irwin, M.J. Transistor sizing for minimizing power consumption of CMOS circuits under delay constraint 22988
Boraie, M.T. *see* Al-Saud, W.A.A. 17045
Boratynski, B. *see* Paszkiewicz, B. 3645
Borawski, C., Lampka, J. Cleaning circuit boards with isopropyl alcohol 1823
Borba, A.J.V. *see* Warner, C.L. 50838
Borcan, C. *see* Pantelica, D. 42274
Borchard, P. *see* Chu, T.S. 12100
Borchardt, R. *see* Studer, J.A. 26686

Borchardt, R.L. *see* Ha, T.T. 26684
Borchelt, T. *see* Thuente, D. 60139
Borcherding, F. *see* Abbott, B. 59324
Borcherding, F. *see* Adams, D. 59218
Borchers, C., Sommer, R., Hennig, E. On the symbolic calculation of nonlinear circuits 11156
Borchert, B. *see* Amann, M.-C. 44462
Borchert, B. *see* Steinmann, P. 22404
Borchhardt, G. *see* Wehrsdorfer, E. 17742
Borchi, E., Bruzzi, M., Biggeri, U., Lazanu, S. A phenomenological model for the macroscopic characteristics of irradiated silicon 7812
Borchi, E. *see* Biggeri, U. 7814
Borchi, E. *see* Biggeri, U. 7827
Bordas, J.C. *see* Capitaine, J.A. 9011
Borde, B.La *see* La Borde, B.
Borden, B. Cross-entropy regularization and complex-valued image analysis applicable to ISAR 26999
Border, P.M. *see* Allison, W.W.M. 37269
Borderies, P. *see* Jaureguy, M. 4246
Borderies, P. *see* Rouvier, S. 8390
Borderies, P. *see* Rouvier, S. 55999
Bordewisch, R. *see* Hessenmuller, H. 58029
Bordieu, C., Rebiere, D., Pistre, J., Planade, R. Temporal window system: a new approach for dynamic detection application to surface acoustic wave gas sensors 27727
Bordogna, L. *see* Moore, B.D. 40864
Bordonalli, A.C., Walton, C., Seeds, A.J. Phase-locking of wide linewidth semiconductor lasers: the optical injection phase-lock loop 23897
Bordonau, J. *see* Mendez, A. 40898
Bordone, P. *see* Vasileska, D. 12970
Bordovskii, G. *see* Avanesyan, V. 54866
Bordovskii, G. *see* Avanesyan, V. 55393
Bordovsky, M., Cecelja, F., Balachandran, B. Comparative study of cubic crystals performance in bulk electro-optic sensor for DC and extra-low-frequency measurements 36487
Bordure, G. *see* Brisset, C. 22845
Bore, C. Real time DSP with a PC/104 system 53326
Borec, A.N. *see* Kranjcec, M. 33167
Borek, M.A., Oktyabrsky, S., Aboelfotoh, M.O., Narayan, J. Low resistivity copper germanide on (100) Si for contacts and interconnections 12812
Borel, C. *see* Faure, N. 14040
Borel, C. *see* Faure, N. 23871
Borel, C. *see* Shepherd, D.P. 33453
Borel, C.C., Clodius, W.B., Johnson, J. Water vapor retrieval over many surface types 18795
Borel, C.C., Gerstl, S.A.W., Tornow, C. Accurate top of the atmosphere albedo determination from multiple views of the MISR instrument 18796
Borel, C.C. *see* Cooke, B.J. 17527
Borel, C.C. *see* Smith, B.W. 18809
Borel, J. *see* Strojwas, A.J. 13139
Borella, A., Chiaraluce, F. A general method for the analysis of combined single-hop and multi-hop connection modes in MONETs 6744
Borella, A., Chiaraluce, F. Modification of the shuffle net connectivity graph for balancing the load in the case of uniform traffic 46562
Borella, A., Chiaraluce, F., Meschini, F. Statistical multiplexing of random processes in packet switching networks 5731
Borello, E. *see* D'Angelo, G. 20276
Boreman, G.D., Dogariu, A., Christodoulou, C., Kotter, D. Modulation transfer function of antenna-coupled infrared detector arrays 7407
Boren, R.W., Moor, W.C., Anderson-Rowland, M.R. Optimal number of choices per menu for naive users of a computer-answered telephone system 35669
Borenstein, J., Everett, H.R., Feng, L., Wehe, D. Mobile robot positioning: sensors and techniques 58995
Borenstein, S., Bushnell, J., Kahn, E., Stoft, S. Market power in California electricity markets 28812
Borer, J.S. *see* Lu, P. 37739
Borer, K. *see* Beringer, J. 37394
Borg, G.G., Kamenski, I.V. Collisionless energy coupling to electrons by helicon waves in the near field of an antenna 34203
Borg, M. *see* Georges, T. 55823
Borgarino, M., Plana, R., Tartarin, J.G., Delage, S., Blanck, H., Fantini, F., Graffeuil, J. On the stability of the DC and RF gain of GaInP/GaAs HBTs 54599
Borgarino, M. *see* Menozzi, R. 21914
Borgeest, K., ter Haseborg, J.L. Computer-aided design of protective measures against overvoltages 19402
Borgefors, G., Nystrom, I., Sanniti di Baja, G. Surface skeletonization of volume objects 15890
Borgefors, G., Ramella, G., Sanniti di Baja, G. Multiresolution representation of shape in binary images 35308
Borgefors, G. *(editor)* Theory and Applications of Image Analysis II. Selected Paper from the 9th Scandinavian Conference on Image Analysis 9789
Borger, M. *see* Pellegrini, V. 2577
Borger, M. *see* Tredicucci, A. 14271
Borger, P. New trends towards standards-oriented laser beam diagnostics 55783
Borger, P. *see* Bartels, H. 55780
Borger, P. *see* Foldvari, E.J. 24057
Borger, R., Kemper, R. A cogenerator for preseparated superconvex spaces 30499
Borgerding, R. *see* Drewek, R. 51886
Borges, B.V. *see* Pereira, N.F. 51328
Borges, C.F.M., Airoldi, V.T., Corat, E.J., Moisan, A.M., Schelz, S., Guay, D. Very low-roughness diamond film deposition using a surface-wave- sustained plasma 856
Borges, F.I.G.M., dos Santos, J.M.F., Kubota, S., Conde, C.A.N. Electroluminescence yield for λ>165 nm in neon-xenon mixtures: experimental results 55402
Borgeson, R. *see* Fulkerson, D. 40989
Borghese, F. *see* Fucile, E. 56028
Borghese, N.A., Cerveri, P., Ferrigno, G.C. Statistical comparison of DLT versus ILSSC in the calibration of a photogrammetric stereo-system 49567
Borghesi, A., Giardini, M.E., Marazzi, M., Sassella, A., De Santi, G. Ellipsometric characterization of amorphous and polycrystalline silicon films deposited using a single wafer reactor 31781
Borghesi, A. *see* Sassella, A. 30915
Borghetti, A., Caldon, R., Mari, A., Nucci, C.A. On dynamic load models for voltage stability studies 50304
Borghetti, A., Nucci, C.A., Pagani, P., Spelta, S., Vannelli, V., Zanobetti, D. Lego modelling of the power station electrical auxiliaries for a real-time training simulator 9098
Borghi, C.A., Fabbri, M. A combined technique for the global optimization of the inverse electromagnetic problem solution 44891
Borghi, P. *see* Becks, K.H. 59228
Borghi, R., Santarsiero, M. M^2 factor of Bessel-Gauss beams 55763
Borghi, R., Santarsiero, M., Gori, F. Axial intensity of apertured Bessel beams 24491
Borghi, R. *see* Frezza, F. 33980
Borghi, R. *see* Gori, F. 55776
Borghi, R. *see* Santarsiero, M. 44622
Borghi, R. *see* Santarsiero, M. 55778
Borghs, G. *see* Ayadi, K. 23706
Borghs, G. *see* Ayadi, K. 33313
Borghs, G. *see* Ayadi, K. 58379
Borghs, G. *see* Bickel, G. 13852
Borghs, G. *see* Bickel, G. 33256
Borghs, G. *see* Blondelle, J. 33311
Borghs, G. *see* de Boeck, J. 30825
Borghs, G. *see* de Neve, H. 33295
Borghs, G. *see* den Hartog, S.G. 13504
Borghs, G. *see* Heremans, P. 44317
Borghs, G. *see* Kirk, A. 55360
Borghs, G. *see* Morpurgo, A.F. 42488
Borghs, G. *see* Srnanek, R. 12339
Borghs, G. *see* Van Hoof, C. 13887
Borgia, B. *see* Alexeev, G. 59200
Borgia, B. *see* Auffray, E. 37281
Borgia, B. *see* Baccaro, S. 37459
Borgioli, A. *see* Biffi Gentili, G. 56188
Borgmann, D. *see* Ruhrnschopf, K. 54429
Borgmann, M., Hegarty, J. Voice and data integration in corporate networks: Bandwidth management 26041
Borgonjen, E.G., van Bakel, G.P.E.M., Hagen, C.W., Kruit, P. A novel vacuum electron source based on ballistic electron emission 41808
Borgwardt, H. Catenary emergency repair and maintenance railcars for Deutsche Bahn 61240
Borgwardt, H. Catenary emergency repair and maintenance railcars for Deutsche Bahn. II 61267
Boria, V.E. *see* Lopez, J.M. 24465
Borie, E., Illy, S., Westermann, T. Use of the BFCPIC and BFCRAY codes to describe space charge limited emission in electron guns for gyrotrons 41789
Borin, V.N. *see* Hyeong-Ho Lee 60946
Boring, W. *see* Mangione-Smith, W. 16466
Boring, W.A., IV *see* Chien, C. 26232
Borisenko, A. *see* Kovita, S. 21537
Borisenko, V.E. *see* Filonov, A.B. 42009
Borisevich, N.A., Buganov, O.V., Tikhomirov, S.A., Tolstorozhev, G.B. Generation of femtosecond pulses in a titanium-sapphire laser with pulsed synchronous pumping 14047
Boriskina, S.V., Nosich, A.I. CAD-oriented analysis of two types of surface wave bandstop filters 41416
Borisov, A. *see* Antipov, Yu. 37230
Borisov, A.N. *see* Nesmelov, E.A. 13782
Borisov, A.N. *see* Nikitin, A.S. 13781
Borisov, M.M. *see* Zherdev, P.A. 27045
Borisov, S.B., Dadoenkova, N.N., Lyubchanskii, I.L., Lyubchanskii, M.I. Total internal reflection of light from a surface of a cubic bigyrotropic medium magnetized along the interface 44187
Borisov, V.I., Krol, A.M., Minkovich, V.P., Minkovich, N.P. Nonlinear frequency conversion in a ring fiber cavity Nd-YAG laser 14360
Borisov, V.M., Dem'yanov, A.V., Kiryukhin, Yu.B. Theoretical and experimental investigations of the growth of a large-scale instability in the discharge of an XeCl laser with UV preionisation 44334
Borisova, M.E., Koikov, S.N., Rymsha, V.P. Cable electretic acoustic cell 55018
Borissov, V. *see* Adam, A. 37280
Borisyuk, R., Casolino, M., De Pascale, M.P., Morselli, A., Picozza, P., Ogurtsov, A., Ricci, M., Sparvoli, R. Gamma-ray energy determination using neural network algorithms for an imaging silicon calorimeter 37274
Boritko, S.V., Grigor'evskii, V.I., Kmita, A.M., Nisafi, A.M. Surface-acoustic-wave convolver utilizing interdigital transducers with capacitively weighted electrodes 18959
Borja, R.I. *see* Chao, H.Y. 19460
Borjesson, L. *see* Suleiman, B.M. 36540
Bork, I., Matsumoto, H. On the determination of boron diffusivities and boron interstitial pair binding energies in silicon 12162
Bork, J. *see* Hansen, R.B. 51004
Borkar, V.G., Mukhopadhayay, B.K., Pandharipande, V.M., Ethiraj, R. Trans reflector paraboloid distortion effects in twist reflector scanning antenna system 4364
Borkar, V.S. Stochastic approximation with two time scales 40236
Borkar, V.S., Soumyanatha, K. An analog scheme for fixed point computation. I. Theory 40125
Borkovskih, V.A. *see* Savin, V.V. 3116
Borkowicz, Z., Czarczynski, W. Simple fabrication process of high-density field emission arrays 41778
Borla, V.E. *see* Esteban, H. 33922
Borland, J.O. *see* Kawski, J.L. 42377
Borland, J.O. *see* Picraux, S.T. 12702
Borlase, S.H. Advancing to true station and distribution integration in electric utilities 60368
Borle, L.J., Dymond, M.S., Nayar, C.V. Development and testing of a 20-kW grid interactive photovoltaic power conditioning system in Western Australia 60585
Borlez, Y. A simple Chebychev bandpass impedance-matching program 21448
Borman, J.B., Sharman, B.P. Electric propulsion–a view from a Classification Society 29810
Bormanis, K. *see* Dambekalne, M. 54942
Bormann, D.S. *see* Molina, P.A. 1304
Bormatova, L.V. *see* Konopsky, V.N. 53925
Bormatova, L.V. *see* Stepanova, A.N. 53920
Bormida, G.Da *see* Da Bormida, G.
Born, A., Hahn, C., Lohndorf, M., Wadas, A., Witt, C., Wiesendanger, R. Application of scanning probe methods for electronic and magnetic device fabrication, characterization, and testing 22663
Born, E. *see* Fischer, R.A. 40338
Born, G.H. *see* Schreiner, W.S. 50167
Born, J. An evolution strategy with adaptation of the step sizes by a variance function 10385
Bornand, V., El Bouchikhi, A., Papet, P., Philippot, E. Effect of deposition parameters on $Li_2B_4O_7$ thin films morphology prepared by "PYROSOL"process 52754
Bornard, G. *see* de Preville, G. 51858
Borne, E. *see* Laugier, A. 39016
Borne, P. *see* Delmotte, F. 24928
Bornemann, F.A., Deuflhard, P. The cascadic multigrid method for elliptic problems 10546
Bornemann, J. *see* Amari, S. 14687
Bornemann, J. *see* Amari, S. 14691
Bornemann, J. *see* Amari, S. 24522
Bornemann, J. *see* Amari, S. 34153
Bornemann, J. *see* Amari, S. 34339
Bornemann, J. *see* Amari, S. 49466
Bornemann, J. *see* Amari, S. 56109
Borner, M.W., Kohl, M., Pantenburg, F.J., Bacher, W., Hein, H., Schomburg, W.K. Movable microstructures made by a sub-micron LIGA process 54835
Borner, T., Blotscher, H., Zink, M. Comparative investigation of different methods for measuring dielectric constants of tree constituents 17745
Bornert, P., Schaffter, T. Curved slice imaging 28171
Bornes, A.H. *see* Roberton, R.A. 51912
Bornet, O., Chollet, G., Cochardt, J.-L., Constantinescu, A., Genoud, D. Secured vocal access to telephone servers 46966
Bornheim, A. *see* Bamberger, A. 7787
Bornheim, A. *see* Bamberger, A. 37358
Bornholdt, C. *see* Hoffmann, D. 16731
Bornier, L. *see* Trolard, B. 31012
Borninski, T.E. *see* Saltzberg, M. 20199
Bornscheuer, K.H., Huebner, A., Lucas, S.R., Choyke, W.J., Partlow, W.D., Yates, J.T., Schaefer, J.A. Production of atomic hydrogen and its use for the growth of GaN with low carbon level 40591
Bornstein, A. *see* Tugendhaft, I. 48568
Bornstein, J., Hillis, D. Miss distance indicator for tank main guns 50264
Boroczky, L. *see* Csillag, P. 15632
Boroczky, L. *see* Csillag, P. 25432
Boroczky, L. *see* Kiss, C.I. 4919
Borodin, V. *see* Cenian, A. 55509
Borodin, V.G., Krasov, S.V., Shatsev, A.N., Charukhchev, A.V. Optimizing the spatial structure of laser beams 24064
Boroditsky, M., Yablonovitch, E. Light extraction efficiency from visible light-emitting diodes 3641
Borodovsky, Y. Overlay improvement through overlay modeling 2519
Borodowskii, P.A., Buldygin, A.F., Studenikin, S.A. Microwave techniques in measuring the parameters of epitaxially grown mercury cadmium telluride films 31838
Borodulkin, L., Matveev, V., Molotkov, S., Shmakov, E. Cognitive graphics tools for sensors simulation 17303
Boronico, J.S. The application of reliability constrained stochastic capacity planning models to the service sector 39864
Boroson, D.M. *see* Learned, R.E. 26568

Borota, M. *see* Kukolj, D. 19072
Borotschnig, H. *see* Prantl, M. 35133
Borouchaki, H., George, P.L., Hecht, F., Laug, P., Saltel, E. Delaunay mesh generation governed by metric specifications. I. Algorithms 40260
Borouchaki, H., George, P.L., Mohammadi, B. Delaunay mesh generation governed by metric specifications. II. Applications 40261
Borovich, B.L. *see* Arlantsev, S.V. 13953
Borovina, D.L., Korioth, J.L., Krause, R.K., Davanloo, F., Collins, C.B., Agee, F.J., Hull, J.H., Kingsley, L.E. Commutation of stacked Blumlein pulsers by avalanche GaAs switches 51403
Borovina, D.L. *see* Davanloo, F. 51266
Borovitskii, S.I. *see* Klushin, A.M. 32909
Borovkov, A. *see* Ledentsov, N.N. 2177
Borovkov, V.V. *see* Fujii, A. 33254
Borovliev, Yu.A. *see* Vasiliev, Ya.V. 30688
Borowy, B.S., Salameh, Z.M. Dynamic response of a stand-alone wind energy conversion system with battery energy storage to a wind gust 38668
Boroyevich, D. *see* Cosan, M. 29417
Boroyevich, D. *see* Hengchun Mao 38827
Boroyevich, D. *see* Kunrong Wang 60854
Borozan, V., Rajicic, D., Ackovski, R. Minimum loss reconfiguration of unbalanced distribution networks 38345
Borozna, P.S. *see* Dlugosel'skii, V.I. 29082
Borras, N. *see* Adam, A.M.M.M. 9474
Borrego, J. *see* Ehsani, H. 32968
Borrego, J.M. *see* Bhat, I.B. 20077
Borri, S. *see* Aiazzi, B. 27075
Borriello, G. *see* McKenzie, N.R. 30043
Borrill, J.R. *see* Anderton, R.N. 58856
Borroni-Bird, C.E. Fuel cell commercialization issues for light-duty vehicle applications 20172
Bors, A.G., Pitas, I. Median radial basis function neural network 5236
Bors, A.G. *see* Puech, W. 25459
Borsari, G.K., Steinhardt, A.O. Cost-efficient training strategies for space-time adaptive processing algorithms 6917
Borsato, E. *see* Arisaka, K. 37239
Borsato, E. *see* Arisaka, K. 37460
Borschak, V.A. *see* Vassilevski, D.L. 27678
Borsella, E. *see* Larciprete, R. 800
Borsella, E. *see* Larciprete, R. 58895
Borselli, L. *see* Capolino, F. 34214
Borsenberger, P.M. *see* Lin, L.-B. 44205
Borseri, L., Maci, S., Capece, P., Votta, M. Radiation of a patch antenna on a finite substrate 34294
Borsetto, M., Carcano, G., Ceriani, M. Spin coating study for thick layers with high viscosity polyimide 1891
Borshch, A.A. *see* Buryn, O.M. 24141
Borshchevsky, A., Caillat, T., Fleurial, J.-P. Solid solution formation: improving the thermoelectric properties of skutterudites 31915
Borshchevsky, A. *see* Baoxing Chen 31925
Borshchevsky, A. *see* Caillat, T. 10651
Borshchevsky, A. *see* Caillat, T. 31913
Borshchevsky, A. *see* Caillat, T. 31918
Borshchevsky, A. *see* Fleurial, J.-P. 20069
Borshchevsky, A. *see* Fleurial, J.-P. 31911
Borshukov, E. Series 46.00 electric locomotives. Microprocessor-based wheel slip prevention 39334
Borsi, H. *see* Dumke, K. 13290
Borsi, H. *see* Dumke, K. 23153
Borsi, H. *see* Krins, M. 19805
Borsi, H. *see* Krins, M. 23241
Borsi, H. *see* Krins, M. 43555
Borsi, H. *see* Schichler, U. 19335
Borsi, H. *see* Wenzel, D. 9313
Borsi, H. *see* Wenzel, D. 51087
Borsosfoldi, Z. *see* Thayne, I. 53649
Borstel, G. *see* Slebarski, A. 3158
Borsting, H., Knudsen, M., Vadstrup, P. Standstill estimation of electrical parameters in induction motors using an optimal input signal 51007
Borsting, H., Vadstrup, P. Robust speed and parameter estimation in induction motors 51000
Bortfeld, T. *see* Gardey, K.-U. 59849
Bortfeld, T. *see* Ling, C.C. 8088
Bortfeld, T. *see* Webb, S. 49781
Borthick, S. Remote access moves beyond e mail 35728
Borthick, S. T.120: data conferencing's chance for the limelight 57795
Borthick, S.L. Reserving the Internet: hurry up and wait 6215
Borthick, S.L. Turning point for the router market? 26420
Bortolan, G., Bressan, M., Cavaggion, C., Fusaro, S. Validation of QT dispersion algorithms and some clinical investigations 49684
Bortolan, G., Pedrycz, W. Fuzzy encoding and decoding: a study in information granularity 45569
Bortolan, G. *see* Bozzola, P. 37787
Bortoletto, D., Garfinkel, A.F., Hardman, A.D., Hoffman, K.D., Keaffaber, T.A., Shaw, N.M., Stanley, G.R. Capacitance measurements of double-metal double-sided silicon microstrip detectors 37383
Bortoletto, D. *see* Antos, J. 37373
Bortoletto, D. *see* Hoffman, K.D. 7796
Bortoletto, F. *see* Cesarsky, C.J. 36548
Bortoli, M.De *see* De Bortoli, M.
Bortolotti, C. *see* D'Amico, N. 36303
Bortolozzi, F. *see* Dias, A.V. 7876
Bortolozzi, F. *see* Murshed, T.A. 18251
Bortz, M., Day, T. Diode lasers monitor vapor deposition 10843
Bortz, M.L., Fejer, M.M., Levenson, M.D. Servo control of the phasematching condition for tunable SHG laser systems 4034
Borucki, L. *see* Baumvol, I.J.R. 10735
Borulko, V. Wave transformation in smoothly nonregular rectangular waveguide with local degeneracy and longitudinally gyrotropic filling 45315
Borul'ko, V.B. *see* Andreev, M.V. 40727
Borul'ko, V.F. *see* Andreev, M.V. 40726
Borul'ko, V.F. *see* Andreev, M.V. 40750
Borulko, V.F. *see* Drobakhin, O.O. 24554
Borulko, V.F. *see* Drobakhin, O.O. 27873
Borutzky, W., Cellier, F.E. Tearing algebraic loops in bond graphs 21083
Borwein, J.M. *see* Bauschke, H.H. 444
Borwem, J.M. *see* Bailey, D.H. 40129
Borys, A., Martineau, G., Afifi, H. On teaching computer networks protocols at EFP Poznan and Telecom Bretagne Rennes 52025
Borzdov, A.N., Borzdov, G.N., Barkovskii, L.M., Kamach, Yu.E. Optical properties of reflectors based on total-internal-reflection prisms made from glass and electrooptical prisms 44062
Borzdov, G.N. *see* Borzdov, A.N. 44062
Borzdov, V.M., Petrovich, T.A. Monte Carlo simulation of the low-temperature mobility of two-dimensional electrons in a silicon inversion layer 42321
Borzdov, V.M., Zhevnyak, O.G., Mulyarchik, S.G., Khomich, A.V. Monte Carlo simulation of the electron drift velocity in a one-dimensional GaAs quantum wire 54178
Borzemski, L., Grzech, A. Corporate networks–the state of the art (what is driving the evolution?) 47140
Borzenets, V. *see* Zhang, Y.M. 44238
Borzenko, T.B., Koval, Y.I., Kulik, L.V., Larionov, A.V. A new approach to the cap layer thinning of GaAs based heterostructures with near surface quantum wells 42499
Borzenko, T.B., Koval, Y.I., Kulik, L.V., Larionov, A.V. Ion beam etching of GaAs: influence of etching parameters on the degree of radiation damage 54432
Borzi, A., Morton, K.W., Suli, E., Vanmaele, M. Multilevel solution of cell vertex Cauchy-Riemann equations 40278
Borzi', G. *see* Aiello, G. 44907
Borzounov, Yu.T. *see* Golovanov, L.B. 18072
Borzov, S.M., Kozik, V.I., Potaturkin, O.I. Optical-electronic adaptive pattern recognition systems with neural network elements 25523
Borzyak, P.I. *see* Didkovskii, L.V. 43590
Borzycki, K. AD-LASH optical fiber cables manufactured by Siemens 48010
Bos, P.B. Commercializing fuel cells: managing risks 19985
Bos, P.J. *see* Glenn, W.E. 58922
Bos, P.J. *see* Hoke, C.D. 55317
Bos, P.J. *see* Jianlin Li 33137
Bos, P.J. *see* Li, J. 3483
Bos, P.T. *see* Nose, T. 55326
Bosacchi, A. *see* Baraldi, A. 12273
Bosacchi, A. *see* Bignazzi, A. 30817
Bosacchi, A. *see* Brusaferri, L. 12378
Bosacchi, A. *see* Gombia, E. 12519
Bosc, D., Durovray, C. A new experimental method to improve parameter determination of integrated optical components 59056
Bosc, D., Loisel, B., Moisan, M., Devoldere, N., Legall, F., Rolland, A. Temperature and polarisation insensitive Bragg gratings realised on silica waveguide on silicon 23545
Bosc, F. *see* Robert, J.L. 22350
Bosc, J.-F., Dean, G. An implementation of a reactive distributed air conflict resolution system 59997
Boscagli, L. *see* Dainelli, A. 49138
Boscagli, L. *see* Palmieri, V. 49140
Boscagli, L. *see* Porcellato, A.M. 49142
Bosch, A.Van Den *see* Van Den Bosch, A.
Bosch, F. *see* Stohlker, Th. 7727
Bosch, L.F.M.ten *see* ten Bosch, L.F.M.
Bosch, P. *see* Erlandson, A.C. 23841
Bosch, P.J.Van den *see* Van den Bosch, P.J.
Bosch, P.P.J.van den *see* van den Bosch, P.P.J.
Bosch, S. *see* Fernandez, X. 46039
Bosch, S. *see* Gutmann, B. 45718
Bosch, S. *see* Massaneda, J. 7656
Bosch, S. *see* Meneses, J. 3555
Bosch, S. *see* Vallmitjana, S. 15687
Bosch, W.R. *see* Matthews, J.W. 37859
Bosch-von Braunmuhl, C. *see* Perego, C. 58892
Boscher, C. *see* Suran, G. 3087
Boscheron, A. *see* Apollonov, V.V. 14315
Boscheron, A. *see* Wagner, R. 3803
Boscheron, A.C.L., Feral, C., Mathieu, F., Azra, M., Laurent, M., Paye, J., Bruneau, J.-L. Third-harmonic generation studies with coherent and fiber-smoothed pulses for megajoule class lasers 14379
Boscheron, A.C.L., Sauteret, C., Migus, A. Principles of phase-modulation matching for high-yield broadband frequency mixing 14283
Boschetti, F., Gabrielli, A., Gandolfi, E., Masetti, M. Fuzzy logic oriented to active rule selector and membership function generator for high speed digital fuzzy μ-processor 53512
Boschetti, F. *see* Masetti, M. 54785
Boschi, T. *see* Di Natale, C. 58885
Bosco, B. *see* Mancini, A. 19496
Bosco, C.D., Su, L.P., Girolamo, H., Darty, M. Maintenance and Repair Support System (MARSS) 38190
Bosco, F., Canavesio, F., Orlando, S., Reolon, A., Roccuzzo, M., Subiaco, G. Services node: what we learnt from a field trial 47289
Bosco, G.C. *see* Pogliano, U. 27356
Boscolo, A., Poletto, L., Tondello, G. Comparison between performances of optical gratings and Si-PIN detectors in soft X-ray (2-7 keV) spectroscopy 28056
Boscolo, I. *see* Benedek, G. 31684
Boscolo, I. *see* Mathis, C. 33593
Bosdogianni, P., Petrou, M., Kittler, J. Mixture models with higher order moments 50236
Bosdogianni, P. *see* Kalviainen, H. 5417
Bose, A. *see* Christie, R.D. 8771
Bose, A. *see* La Scala, M. 19111
Bose, A. *see* Logeay, Y. 8788
Bose, B.K., Kim, M.-H., Kankam, M.D. Power and energy storage devices for next generation hybrid electric vehicle 29779
Bose, B.K., Min-Huei Kin, Kankam, M.D. High frequency AC vs. DC distribution system for next generation hybrid electric vehicle 51750
Bose, B.K., Patel, N.R. A programmable cascaded low-pass filter-based flux synthesis for a stator flux-oriented vector-controlled induction motor drive 39328
Bose, B.K., Patel, N.R., Rajashekara, K. A neuro-fuzzy-based on-line efficiency optimization control of a stator flux-oriented direct vector-controlled induction motor drive 51779
Bose, B.K. *see* Simoes, M.G. 9376
Bose, B.K. *see* Simoes, M.G. 29170
Bose, B.K. *see* Simoes, M.G. 29177
Bose, C., Chakraborty, C., Sarkar, C.K. Photoelectric emission from quantum wells with various potential profiles 42243
Bose, D.N., Pal, S. Schottky barriers on anisotropic semiconductor GaTe 54260
Bose, M., Ota, S.B. Study of forward characteristics of a cryogenic temperature sensor diode 7289
Bose, N.K. *see* Jongtae Chun 34882
Bose, R. *see* Freedman, A. 16861
Bose, S., Friedlander, B. On the performance output cumulant matching based source separation methods in noise 4871
Bose, S., Steinhardt, A.O. Adaptive array detection of uncertain rank one waveforms 4641
Bose, T. *see* Kyung Sub Joo 25373
Bose, T. *see* Kyung Sub Joo 46484
Bose, T.K. *see* Gopal, B.R. 48375
Bose, T.K. *see* Liu, X.Y. 55027
Bose, T.K. *see* Rouleau, J.-F. 13302
Bose, T.K. *see* St.-Arnaud, J.M. 13303
Bose, V.G. *see* Tennenhouse, D.L. 47783
Bosek, S. *see* Schulze, S. 23046
Bosenberg, W.R., Drobshoff, A., Alexander, J.I., Myers, L.E., Tulloch, W., Byer, R.L. CW singly-resonant optical parametric oscillator based on periodically poled $LiNbO_3$ 24120
Bosenberg, W.R. *see* Myers, L.E. 23437
Bosenberg, W.R. *see* Plaessmann, H. 3970
Boseob Kwon *see* Hyojeong Song 57600
Boser, B.E., Markus, K.W. Design of integrated MEMs 23040
Boser, B.E. *see* Howe, R.T. 2870
Bosga, S. *see* van der Burgt, J. 61198
Bosga, S.G., v.d. Burgt, J.J.A., Duarte, J.L., Vandenput, A.J.A. A multi-DSP system for real-time simulation and control of electric drive systems 61192
Bosgra, O.H. *see* Winterling, M.W. 51796
Boshi Chen *see* Chen Boshi
Bosi, M. *see* Brandenburg, K. 45589
Bosin, A., Fiorentini, V., Vanderbilt, D. Hydrogen, acceptors, and H-acceptor complexes in GaN 12263
Bosin, A. *see* Satta, A. 12265
Bosio, C. *see* Adam, W. 37221
Bosisi, L. *see* Baticnani, G. 7810
Bosisi, L. *see* Batignani, G. 7811
Bosisio, L. *see* Batignani, G. 59329
Bosisio, R.G. *see* Rahal, A. 41488
Bosisio, R.G. *see* Yansheng Xu 21943
Bosisio, R.G. *see* Yansheng Xu 56094
Boskovic, A., Chernikov, S.V., Taylor, J.R., Gruner-Nielsen, L., Levring, O.A. Direct continuous-wave measurement of n_2 in various types of telecommunication fiber at 1.55 μm 33007
Boskovic, B.A. The functioning of the electric power system of FR Yugoslavia in the period January 1, 1996–August 31, 1996 19209
Boskovic, M. *see* Djordjevich, A. 48621
Boskovic, M. *see* Zafirovic-Vukotic, M. 19208
Bosley, D.L. *see* Wang, L. 24033
Bosley, K.T. Toward a nowcast/forecast system for water levels in the Chesapeake Bay 50095
Bosma, M. *see* Smit, J. 11481
Bosma, M. *see* Smit, J. 11482
Bosma, R. *see* Machin, G. 27205
Bosman, G. *see* Wang, D.C. 48668
Bosman, R.L.M. On the origin of heat build-up in polyester ropes 50105

Bosnjak, A., Montilla, G., Torrealba, V., Barrios, V. Simulation of the echocardiographic image acquisition process based on a 3D cardiac tissue reconstruction 49529
Bosnjak, A. *see* Linares, P. 49439
Bosnjakovic, P. *see* Djokic, B. 27307
Bosotti, A. *see* Calabretta, L. 49145
Boss, C.B. *see* Lawless, P.A. 29930
Bossaert, F. *see* Bennani, Y. 57763
Bossart, P.-L., Martz, H.E., Hollerbach, K. Finité element analysis of human joints: image processing and meshing issues 59517
Bossavit, A. *see* El Feddi, M. 44869
Bossche, A. *see* Kocza, G. 360
Bossche, A. *see* Kocza, G. 52344
Bossche, A.P.van den *see* van den Bossche, A.P.
Bossche, J.Van den *see* Van den Bossche, J.
Bosse, E., Roy, J., Grenier, D. Data fusion concepts applied to a suite of dissimilar sensors 16883
Bosse, E. *see* Carson, R.R., Jr. 50266
Bosse, E. *see* Dion, D. 16840
Bosse, E. *see* Grenier, D. 4854
Bosse, E. *see* Li, J. 45847
Bosse, M.C. *see* Johnson, E.N. 49914
Bosse, V. *see* Weyand, K. 17296
Bosselaers, A., Dobbertin, H., Preneel, B. The RIPEMD-160 cryptographic hash function 14787
Bosselaers, A. *see* De Win, E. 4553
Bosseler, K. *see* Adam, A. 37280
Bossen, F. *see* Reusens, E. 35192
Bossert, D. *see* Hua Li 33483
Bossert, D.J. *see* Gallant, D.J. 33540
Bossert, D.J. *see* Wright, M.W. 44435
Bossert, M., Dieterich, H., Shavgulidze, S. Generalized concatenation of convolutional codes 14849
Bossert, M., Hautle, A., Shavgulidze, S., Ugrelidze, N. Simplified method for the construction of an orthonormal base for CPFSK signals 4438
Bossert, V.P., Behr, N. DEF profit center controlling 60272
Bosshard, C. *see* Feng Pan 24156
Bosshard, C. *see* Follonier, S. 4029
Bosshard, C. *see* Follonier, S. 55845
Bossi, D.E. *see* Betts, G.E. 44077
Bossingham, R. *see* Betts, W. 59222
Bossingham, R. *see* Wieman, H. 59275
Bossis, G., Cutillas, S., Lemaire, E., Meunier, A., Volkova, O. Adaptative fluids: rheology and light transmission control 10973
Bossler, J. *see* Spadtke, P. 37204
Bosso, S. *see* Baumann, I. 44059
Bosso, S. *see* Corsini, R. 14025
Bossy, M., Talay, D. A stochastic particle method for the Mckean-Vlasov and the Burgers equation 40240
Bost, M. *see* Bohr, M. 41067
Bostam, C. *see* Podaru, C. 48702
Bostan, C. *see* Kleps, I. 41779
Bostanjoglo, G., Sarady, I., Beck, T., Weber, H. Processing of Ni-based aero engine components with repetitively Q-switched Nd:YAG-lasers 14488
Bostanjoglo, G., Weber, H. 1.06 and 1.44 μm Nd:YAG lasers with apodized reflectors 14033
Bostanjoglo, G., Weber, H. Improvement of power-laser characteristics with optimized gradient reflectivity mirrors 33432
Bostanjoglo, G. *see* Richter, K. 14482
Bostica, B., Cappellari, A., Burzio, M., Vercellone, V., Guillemot, C., Gravey, A., Gravey, P., Masetti, F., Sotom, M., Renaud, M. A novel packet switching network adopting transparent optical packets 47499
Bostica, B. *see* Renaud, M. 58370
Bostick, J. *see* Bush, J. 48617
Bostie, K. *see* McKusick, M.K. 6053
Boston, B.N., Braun, C.C. Clutter and display conformality: changes in cognitive capture 59936
Boston, J.R. Effects of membership function parameters on the performance of a fuzzy signal detector 56585
Boswell, R.W. *see* Charles, C. 30877
Boswell, R.W. *see* Durandet, A. 40639
Bosworth, B. Delphi 3.0 47105
Bota, S. *see* Garrido, B. 32077
Bota, S.A. *see* Gomez, J.M. 53336
Botao Lin *see* Lin Botao
Botari, J., Biedermann, J. Engineering data access and retrieval via the World Wide Web 16302
Botcharev, A. *see* Tsen, K.T. 31940
Botchkarev, A. *see* Kim, W. 30832
Botchkarev, A. *see* Martin, G.A. 21254
Botchkarev, A. *see* Morkoc, H. 12362
Botchkarev, A. *see* Sverdlov, B.N. 21269
Botchkarev, A.E. *see* Aktas, O. 13025
Botchkarev, A.E. *see* Dae-Gyu Park 32392
Botchkarev, A.E. *see* Fan, Z. 12550
Botchkarev, A.E. *see* Park, D.G. 54663
Botea, M. *see* Stanculescu, F. 12141
Botermans, H. *see* Baker, D. 42879
Botermans, H. *see* Op de Beeck, M. 2531
Botez, D., Mawst, L.J. Phase-locked laser arrays revisited 3875
Botez, D. *see* Kasraian, M. 14088
Botez, D. *see* Kasraian, M. 55728
Botez, D. *see* Mawst, L.J. 44551
Botez, D. *see* Mawst, L.J. 44565
Botez, D. *see* Mirabedini, A.R. 2585
Botez, D. *see* Nesnidal, M.P. 23910
Botez, D. *see* Nesnidal, M.P. 55730
Botez, D. *see* Wade, J.K. 23941
Botez, D. *see* Wade, J.K. 55707
Botez, D. *see* Yang, H. 24011
Botez, D. *see* Yang, H. 55729
Both, A., Bacher, W., Heckele, M., Muller, K.-D., Ruprecht, R., Strohrmann, M. Fabrication of LIGA-acceleration sensors by aligned molding 54832
Botha, E.C. *see* Geggus, K.M. 59736
Botha, E.C. *see* Spoelstra, J. 48098
Botha, J.R., Leitch, A.W.R. Influence of growth interruption on the heterointerface morphology of InGaAs/GaAs strained quantum wells 30785
Bothe, H.-H., Eger, J. Evaluation of the naturalness of a facial animation system with hearing-impaired persons: strategies, results, implications for system improvement 4600
Bothorel, S. *see* Bouchon-Meunier, B. 457
Bothra, S., Pramanik, D., Weiling, M., Gabriel, C., Sur, H., Xi-Wei Lin W-plug via integration issues 42707
Botila, T. *see* Grigorescu, C.E.A. 48565
Botila, T. *see* Pintilie, I. 3578
Botila, T. *see* Pintilie, L. 42279
Botlo, M. *see* Betts, W. 59222
Botman, J.I.M. *see* De Leeuw, R.W. 37015
Botman, J.I.M. *see* Pruiksma, J.P. 37016
Botman, J.I.M. *see* Theuws, W.H.C. 37110
Botnaryuk, V.M., Gorchak, L.V., Pleshka, V.N., Rud, V.Yu., Rud, Yu.V. Photosensitivity of InP/CdS heterostructures in linearly polarized light 54144
Botos, S.A. *see* Novotnak, R. 60809
Botros, Y.Y., Volakis, J.L., Ebbini, E.S. Analysis and synthesis of multiple-focus phased array heating patterns through the rib cage: a simulation model 59483
Botsford, P.L., Scrivens, P.F. Test analog and digital together 31406
Botta, E., Calvo, D., Cerello, P., Fanara, C., Marcello, S., Morra, O. A twin amplifier for drift chambers readout 37492
Botta, E. *see* Agnello, M. 37458
Bottani, C.E. *see* Ghislotti, G. 54273
Bottani, S. Synchronization of integrate and fire oscillators with global coupling 1169
Bottauscio, O., Carpaneto, E., Chiampi, M., Repetto, M. The Tinney algorithm and fixed point technique for rapid solution of magnetic nonlinear problems 24382
Bottauscio, O., Chiampi, M., Repetto, M. A finite element solution for periodic eddy current problems in hysteretic media 23320
Bottauscio, O., Panaitescu, I. Analysis of transient oscillations of the voltage in the tramway networks 39319
Bottcher, E.H. *see* Kollakowski, S. 48543
Bottcher, E.H. *see* Umbach, A. 26738
Bottcher, M., Reichert, F. Electromagnetic fields in a GTEM cell–comparison of digital simulation and measurement 14634
Botte, C. *see* Sierens, C. 17081
Botte, M. *see* Peeters, J. 6413
Botte-Lecocq, C. *see* Benslimane, R. 57151
Botter, R., Beruto, D.T. Degradation processes in SnO_2 sintered sensor 58893
Botter-Jensen, L. *see* Markey, B.G. 8195
Botterman, M. European RTD: Advanced Communications Technologies and Services 16363
Bottermann, M., Culpin, I., Simmons, S. The impact of ICT and the information society on small businesses 16148
Botteron, Y., Nowrouzian, B. Internal quantization error for triple-loop sigma-delta converters with sinusoidal excitations 15165
Bottger, H., Heer, C., Wilson, J.J.W. Design, performance and technology aspects in relation to a next generation high resolution spaceborne SAR instrument 8406
Botti, E., Mandrini, T., Stefani, F. A high-efficiency 4×20 W monolithic audio amplifier for automobile radios using a complementary D-MOS BCD technology 11200
Botti, J.A. *see* Myers, R.J. 97
Bottigli, U. *see* Bertolucci, E. 37628
Bottino, M.P., Delfino, B., Garzi, G., Morini, A. Harmonic interaction in back-to-back HVDC link between AC systems at different frequencies 60355
Bottino, M.P., Denegri, G.B., Invernizzi, M., Morini, A. A frequency response oriented approach to rotor losses evaluation in converter operated synchronous machines 61161
Bottomley, G.E. Improved successive cancellation of DS-CDMA signals using signal orthogonalization 47533
Bottomley, P.A. *see* Atalar, E. 7989
Botton, D.A. *see* Saifullah, M.S.M. 54541
Botton, M., Schnitzer, I., Rosenberg, A. Electromagnetic resonances of an asymmetrically loaded magnetron cavity 53974
Botton, M. *see* Schnitzer, I. 53976
Bottoni, G. Time-dependent magnetic behaviour and magnetization switching of magnetic recording particles 3169
Bottura, L. *see* Gorbounov, M.B. 43843
Botz, E. *see* Mardirossian, G. 7967
Bou-Ghazale, S.E., Hansen, J.H.L. Generating stressed speech from neutral speech using a modified CELP vocoder 24826
Bouadma, N., Ougazzaden, A., Kamoun, F., Kazmierski, C., Silvestre, L. 1.3 μm laser diodes with large spot size and low loss fibre-chip coupling fabricated by standard buried heterostructure laser processes 3904
Bouamama, B.Ould *see* Ould Bouamama, B.
Bouaoune, Y., Petit, E., Thorez, M. Realization of a digital tomographic imaging system applied to odontology 59519
Bouaoune, Y. *see* Bunel, P. 28257
Bouard, D.De *see* De Bouard, D.
Bouaricha, A., More, J.J. Impact of partial separability on large-scale optimization 30535
Bouassoule, T. *see* Fernandez, F. 8192
Bouayad-Amine, J. *see* Mayer, H.P. 23918
Bouazaoui, M. *see* Benatsou, M. 55240
Bouazizi, A., Maaref, H., Jaffrezic-Renault, N., Chaabane, R.B., Gammoudi, M., Guillaud, G. A study of ion sensitivity to sodium and cobalt for calixarene based sensors 27461
Bouazza, F. *see* Descamps, P. 36253
Bouazza, F. *see* Descamps, P. 45433
Boubnova, A.E. *see* Neifeld, E.A. 22229
Boucaud, P., Wu, L., Julien, F.H., Lourtioz, J.-M., Sagnes, I., Campidelli, Y., Badoz, P.-A. Photo-induced intersubband absorption in $Si/Si_{1-x}Ge_x$ quantum wells 2171
Boucaud, P. *see* Finkman, E. 799
Boucaud, P. *see* Sylvestre, A. 54692
Bouch, S.M., Hayes, I.C., Oldham, T.J. Systems management of operational support systems applications 35575
Bouchakour, R., Hardy, L.; Limbourg, I., Jourdain, M. Modeling and characterization of the nMOS transistor stressed by hot-carrier injection 2683
Bouchakour, R. *see* Amimi, A. 54660
Bouchakour, R. *see* Lallement, C. 32403
Bouchal, Z. *see* Horak, R. 14569
Bouchara, F., Richou, J. New method for segmentation and motion field estimation 46029
Bouchard, D.E., Salama, M.M.A., Chikhani, A.Y. Algorithms for distribution feeder reconfiguration 19299
Bouchard, L. *see* Salembier, P. 35181
Bouchard, M., Paillard, B. A transform domain optimization to increase the convergence speed of the multichannel filtered-X least-mean-square algorithm 4844
Bouchard, R. Advances in reflow oven technology 41643
Bouchard, R.N. Using process control techniques to reduce cost and improve quality of thick film printing screens 53810
Bouchardy, P. *see* Grisch, F. 3975
Bouche, C.-M., Berdague, P., Facoetti, H., Robin, P., Le Barny, P., Schott, M. Side-chain electroluminescent polymers 23664
Bouche, J.M., Wurtz, F., Gerbaud, L. Automatic generation of softwares for the design of static converters 60883
Bouche, M. *see* Caffin, D. 22956
Bouchelouh, N., Frechette, M.F., Kamel, S., Larocque, R.Y. Avalanche development on SF_6 contaminated with water vapor 13310
Bouchelouh, N., Frechette, M.F., Kamel, S., Larocque, R.Y. Avalanche current measurements at high SF_6 pressure 43464
Boucher, C. *see* Sillard, P. 38041
Boucher, C. *see* Willis, P. 36287
Boucher, D. *see* Guillaussier, P. 43594
Boucher, D.J., Thomas, B.H., Ricci, K.N., Kishi, A.M. A simple model for deriving ocean surface wind direction from the DMSP Special Sensor Microwave Imager (SSM/I) 8447
Boucher, J. *see* Maxim, A. 1133
Boucher, J.-M. *see* Boujida, M. 49982
Boucher, J.-M. *see* Foucher, S. 58424
Boucher, J.-M. *see* Lebart, K. 26978
Boucher, P., Dumur, D., Ehrlinger, A. Unified approach of equality and inequality constraints in GPC 9592
Boucher, P. *see* Dumur, D. 9224
Boucher, R. *see* Edberg, D. 49861
Boucher, R.F. *see* Chen, T. 56072
Boucher, S.G. *see* Lan, J. 48145
Boucher, Y. Transfer matrix of a Dirac-like singularity of the dielectric permittivity 22403
Boucher, Y. Non-reciprocal effects of complex-coupled distributed-feedback structures resulting from the phase difference between the coupling constants 44702
Boucherez, E. *see* Duchet, C. 33123
Boucherez, E. *see* Penninckx, D. 58297
Boucherie, R.J., Van Dijk, N.M. On the arrival theorem for product form queueing networks with blocking 39991
Bouchet, P. *see* Launay, L. 8046
Bouchet, P. *see* Launay, L. 18379
Boucheteau, R., Biero, H. High-voltage components characterisation by partial discharges [power cable insulation] 8909
Bouchiat, V., Esteve, D. Lift-off lithography using an atomic force microscope 2497
Bouchiat, V., Vion, D., Esteve, D., Devoret, M.H. Novel fabrication technique for single electron devices 22903
Bouchier, D. *see* Finkman, E. 799
Bouchiker, S., Capolino, G.A., Poloujadoff, M. A control method for a generalised converter using instantaneous values of phase voltages 60898

Bouchikhi, A.El *see* El Bouchikhi, A.
Bouchon, D. *see* Tamura, T. 32485
Bouchon-Meunier, B., Rifqi, M., Bothorel, S. Towards general measures of comparison of objects 457
Bouchoule, S., Kazmierski, C., Mathoorasing, D., Ougazzaden, A., Marzin, J.-Y. Barrier strain influence on the high speed properties of compressively strained InGaAsP multi-quantum well laser structures 55640
Bouchoule, S. *see* Mathoorasing, D. 41481
Bouchoule, S. *see* Mathoorasing, D. 58296
Bouchoule, S. *see* Mikkelsen, B. 26895
Bouchut, F., Bourdarias, C., Perthame, B. A MUSCL method satisfying all entropy inequalities 10556
Bouclier, R., Capeans, M., Garbatos, C., Manzin, G., Million, G., Ropelewski, L., Sauli, F., Shekhtman, L., Silander, K., Ropelewski-Temmel, T. Ageing of microstrip gas chambers: problems and solutions 37262
Boucouvalas, A.C. Ambient light noise and its effect on receiver design for indoor wireless optical links 6839
Boucouvalas, A.C. Indoor ambient light noise and its effect on wireless optical links 16807
Boudard, A. *see* Martinez, E. 49350
Boudec, J.-Y.Le *see* Le Boudec, J.-Y.
Boudec, P.Le *see* Le Boudec, P.
Boudenot, J.C. *see* Autran, J.L. 22841
Bouderbala, M. *see* Boudghene Stambouli, A. 2033
Bouderbala, M. *see* Bouslama, M. 22311
Boudet, T., Chaton, P., Herault, L., Gonon, G., Jouanet, L., Keller, P. Thin-film designs by simulated annealing 3544
Boudeulle, M. *see* Melinon, P. 40534
Boudeville, J.-L. *see* Allinc, M. 47323
Boudghene Stambouli, A., Hamzaoui, S., Bouderbala, M. Blue emitting ACPEL devices based upon ZnS:Tm, Li 2033
Boudiaf, A., Scavennec, A. Temperature dependence of PHEMT noise parameters 54821
Boudiaf, A. *see* Ahdjoudj, M. 53660
Boudiaf, A. *see* Pasquet, D. 27882
Boudinov, H., De Souza, J.P. Damage accumulation during $^{11}B^+$, $^{12}C^+$ and $^{14}N^+$ implantations in Si 42391
Boudinov, H. *see* De Souza, J.P. 2297
Boudinov, H. *see* De Souza, J.P. 31837
Boudinov, H. *see* de Souza, J.P. 42384
Boudjani, A., Sieber, B., Cleton, F., Rudra, A. CL and EBIC analysis of a p^+-InGaAs/n-InGaAs/n-InP/n^+-InP heterostructure 31998
Boudjit, M. *see* Nicolaidis, M. 53122
Boudot, C. *see* Lacroix, D. 14491
Boudouvis, A. *see* Georgiou, G. 52577
Boudreau, D. Equalization on fast flat-fading channels based on signal-to-interference ratio optimization 5688
Boudreau, D. The analysis of an equalization technique based on a maximum signal-to-interference ratio criterion 45973
Boudreau, D., Lodge, J.H. A performance comparison of the MMSE and the maximum signal-to-interference technique for the equalization of constant envelope signals 45972
Boudreau, D., Viens, Y. Reduced complexity soft-output maximum likelihood sequence estimation of 4-ary CPM signals transmitted over Rayleigh flat-fading channels 4915
Boudreau, E., Huguenin, R., Karaska, M. Nonparametric classification of subpixel materials in multispectral imagery 18947
Boudreau, J. *see* Antos, J. 37373
Boudreau, R. *see* Hongtao Han 3648
Boudreaux, R.R., Nelms, R.M., Hung, J.Y. Microcontroller implementation dictates ultimate performance of digitally-controlled DC-DC converters 38855
Boudreaux, R.R. *see* Moss, B.S. 18684
Boudreaux-Bartels, G.F. *see* Adeyemi, O.A. 24844
Boudreaux-Bartels, G.F. *see* Hlawatsch, F. 34777
Boudreaux-Bartels, G.F. *see* Papandreou-Suppappola, A. 34920
Boudreaux-Bartels, G.F. *see* Papandreou-Suppappola, A. 34929
Boudreaux-Bartels, G.F. *see* Papanreou-Suppappola, A. 45769
Boudrioua, A., Loulergue, J.C. New approach for loss measurements in optical planar waveguides 55238
Boudrioua, A. *see* Bindner, P. 33055
Boudry, J.M. *see* Siewerdsen, J.H. 28252
Boue, F. *see* Martinez, E. 49350
Boufaden, T. *see* Beaumont, B. 40364
Bouffault, F., Febvre, J., Milan, C., Paindavoine, M., Grapin, J.C. A high-speed video microsystem [and biological application] 58625
Bougdira, J. *see* Chatei, H. 40422
Bougeois, O. *see* Pereira, P. 5599
Boughaba, S., Auvert, G. Silicon growth rate enhancement using trisilane in a laser direct-writing technique 10903
Boughaba, S., Sacher, E., Meunier, M. CO_2 laser cleaning of hydrophilic oxidized silicon surfaces 12788
Boughaba, S. *see* Allard, M. 44839
Boughaba, S. *see* Meunier, M. 17581
Boughner, D. *see* Duncan, A.C. 59791
Boughriet, A.-H., Legrand, C., Chapoton, A. Noniterative stable transmission/reflection method for low-loss material complex permittivity determination 27874
Bougnot, G. *see* Giani, A. 31819
Bougrenet de la Tocnaye, J.L.de *see* de Bougrenet de la Tocnaye, J.L.
Bougrine, H. *see* Vandormael, D. 32812
Bougrov, V.E., Zubrilov, A.S. Optical confinement and threshold currents in III-V nitride heterostructures: simulation 44471
Bouguila, L. *see* Kaczmarek, R. 23348
Bouguila, N. *see* Toumia, S. 19884
Bouguin-Jeannes, R.Le *see* Le Bouguin-Jeannes, R.
Bouhabel, Y. *see* Bourai, Y. 40799
Bouhadjera, A. Mode-conversion method for evaluating elastic properties of materials 1005
Bouhdada, A., Bakkali, S., Nouacry, A., Touhami, A. Relation between the leakage currents and the defects created in the oxide and at the interface in a short channel NMOS transistor 54623
Bouhdada, A., Bakkali, S., Touhami, A. Modelling of gate-induced drain leakage in relation to technological parameters and temperature 54659
Bouillard, P., Warzee, G. A posteriori error estimation in constitutive law for acoustic finite element analysis 10567
Bouillault, F. *see* Aniel, F. 54695
Bouillault, F. *see* Lepaul, S. 12425
Bouillault, F. *see* Stenger, S. 38379
Bouillaut, F. Modelling of electronic nanostructures 42903
Bouillon, P., Skotnicki, T., Kelaidis, C., Gwoziecki, R., Dollfus, P., Regolini, J.-L., Sagnes, I., Bodnar, S. Search for the optimal channel architecture for 0.18/0.12 μm bulk CMOS experimental study 43293
Bouillon, P. *see* Skotnicki, T. 2648
Bouissou, M., Bourgade, E. Unavailability evaluation and allocation at the design stage for electric power plants: methods and tools 60452
Bouix, J. *see* Thevenot, V. 40353
Boujemaa, B.S. Hardware and a software architecture for monitoring of micro stepping motors 9281
Boujida, M., Boucher, J.-M., Marsset, B., Lericolais, G., Meunier, J. Deconvolution of marine seismic signal using higher order statistics and Bernoulli-Gaussian model 49982
Boukarim, G. *see* Jaw-Kuen Shiau 8776
Boukhatem, N. *see* Gaiti, D. 5763
Boukhtouta, A. *see* Lamond, B.F. 29142
Boukili, A.El *see* El Boukili, A.
Boukli-Hacene, M. *see* Chi Kuen Leung 47662
Boukliev, I., Kapralov, S., Maruta, T., Fukui, M. Optimal linear codes of dimension 4 over F_5 24739
Boukouvalas, C., Kittler, J., Marik, R., Petrou, M. Automatic color grading of ceramic tiles using machine vision 30369
Boulade, O. *see* Cesarsky, C.J. 36548
Boulanger, A.B. *see* Feve, J.P. 24164
Boulanger, F. *see* Cesarsky, C.J. 36548
Boulanger, J.-C. *see* De Leon, A.G. 28289
Boulanger, J.-S., Gagne, M.-C., Douglas, R.J. Cold atoms and cesium fountains at NRC 27327
Boulanger, P., Rebelle, J., Fardeau, P. Vibration measurement applications with an integrated vibrometer device [PWR fuel assemblies] 60501
Boulanger, P.Le *see* Le Boulanger, P.
Boulant, G., Bielawski, S., Derozier, D., Lefranc, M. Experimental observation of a chaotic attractor with a reverse horseshoe topological structure 55577
Boulard, B. *see* Douay, M. 55261
Boulard, B. *see* Xie, W.X. 24284
Bouldin, D. *see* Dehkordi, P. 1894
Bouldin, D.W., Dehkordi, P.H. Design for packageability: An overview 30239
Boulet, J.L. *see* Baltz, S. 35865
Bouley, J.C. *see* Masetti, F. 26444
Bouley, J.C. *see* Zylbersztejn, A. 26901
Boulianne, G. *see* Li, Z. 24866
Boulic, F. *see* Brosseau, C. 32610
Boulicot, F. *see* Eggert, B. 60915
Boulios, K. *see* Watts, L.C. 32940
Boullet, M. Alcatel 4400 ATM: first MASTER application 35875
Boulmer, J. *see* Finkman, E. 799
Boulon, G. *see* Foulon, G. 14359
Boulon, G. *see* Foulon, G. 33032
Boulon, G. *see* Mignotte, C. 33085
Boulos, M. SPC at Polaroid: instant feed-back for its instant cameras 52310
Boulouta, T. *see* Serpanos, D.N. 6320
Boulova, M.N. *see* Rumyantseva, M.N. 36739
Boult, T. *see* Nayar, S.K. 46317
Boult, T.E. *see* Ming-Chao Chiang 25461
Boulter, B. *see* Beringer, J. 37394
Boulter, B.T., Lockhart, R.F. Diameter sizing of rolls in bridles that utilize powder clutches 39447
Boulter, J.F. *see* Dutkiewicz, M. 28711
Boulter, J.F. *see* Lampropoulos, G.A. 25521
Boulton, J.M. *see* Teowee, G. 54926
Bouma, B. *see* Golubovic, B. 33446
Bouma, B. *see* Swanson, E.A. 18246
Bouma, B.E., Tearney, G.J., Bilinsky, I.P., Golubovic, B., Fujimoto, J.G. Self-phase-modulated Kerr-lens mode-locked Cr:forsterite laser source for optical coherence tomography 18289
Bouma, B.E. *see* Golubovic, B. 33435
Bouma, C.J., Niessen, W.J., Zuiderveld, K.J., Gussenhoven, E.J., Viergever, M.A. Evaluation of segmentation algorithms for intravascular ultrasound images 18382
Bouman, C.A. *see* Allebach, J.P. 52032
Bouman, C.A. *see* Jau-Yuen Chen 57339
Bouman, C.A. *see* Saquib, S. 57315
Bouman, C.A. *see* Saquib, S.S. 25411
Bouman, C.A. *see* Saquib, S.S. 57266
Bound, J.P. *see* Harrington, D.T. 25932
Bounds, J.A. *see* Koster, J.E. 49336
Bounnak, S. *see* Bristow, J. 52207
Bounnak, S. *see* Morgan, R.A. 47953
Bouno, H. *see* Takagi, K. 53261
Bountis, T. *see* Papadimitriou, S. 6448
Bountis, T. *see* Papadimitriou, S. 24647
Bouquin Jeannes, R.Le *see* Le Bouquin Jeannes, R.
Bouquin-Jeannes, R.Le *see* Le Bouquin-Jeannes, R.
Bour, D.P. *see* Gotz, W. 12230
Bour, D.P. *see* Gotz, W. 12290
Bour, D.P. *see* Hofstetter, D. 44518
Bour, D.P. *see* Ponce, F.A. 55463
Bour, D.P. *see* Smowton, P.M. 14138
Bour, L., Lamotte, M. Convex combinations of generalized fuzzy relational equations 30481
Bourai, Y., Izeboudjen, N., Bouhabel, Y., Tafat, A. A new approach for an AHDL based on system semantics 40799
Bouras, D.P. *see* Makrakis, D. 45588
Bourassa, P. *see* Couderc, D. 38358
Bourbakis, N.G., Ravraki, D. Intelligent assistants for handicapped people's independence: case study 18555
Bourbigot, C. *see* Brosseau, C. 13295
Bourbonnais, C., Richez, G. An overview of the PSAs use to improve the safety level of the French plants 38563
Bourcerie, M. *see* Morel, J.-Y. 52463
Bourcier, E. *see* Gaquire, C. 53594
Bourdarias, C. *see* Bouchut, F. 10556
Bourdeau d'Aguerre, P. *see* Noullet, J.L. 9911
Bourdet, G.L. *see* Lapucci, A. 3696
Bourdet, P., Mathieu, L., Lartigue, C., Ballu, A. The concept of the small displacement torsor in metrology 58616
Bourdillon, A.J. *see* Tan, N.X. 52242
Bourdillon, A.J. *see* Vo, N.V. 43839
Bourdin, H., Ferreira, A., Marcus, K. On stack-graph OPS-based lightwave networks 13758
Bourdon, J.C. *see* Garvey, T. 49193
Bouree, J.E. *see* Middya, A.R. 10913
Bourel, P. *see* Sleiman, A. 42081
Bourenkov, A. *see* Lorenz, J. 12645
Bourennane, S., Frikel, M. New method for locating the wideband sources 45990
Bourennane, S. *see* Frikel, M. 34840
Bourennane, S. *see* Frikel, M. 45992
Bourgade, E. *see* Bouissou, M. 60452
Bourgade, E. *see* Jourda, P. 9450
Bourgasov, M.P., Kvasnikov, L.A., Smakhtin, A.P., Tchuyan, R.K., Tolyarenko, N.V. Conception of the centralized power supply for spacecraft 18701
Bourgeaux, B. *see* Nicoletti, S. 3293
Bourgeois, F. *see* Fisher, M.V. 37551
Bourgeois, M., Hall, G., Haseroth, H., Kondrashev, S., Kugler, H., Langbein, K., Lombardi, A., Makarov, K., Pirkl, W., Satov, Y., Scrivens, R.M., Sharkov, B., Shumshurov, A., Ster, A., Tambini, A.J., Tanke, E. High charge-state ion beam production from a laser ion source 49273
Bourgeois, M. *see* Draye, J.-P. 59599
Bourgeois, P. *see* Aleksan, R. 59201
Bourges, J. *see* Polyakov, A.S. 19502
Bourges, J. *see* Seyve, C. 19501
Bourges Waldegg, D., Lagha, N., Le Narzul, J.-P. Multimedia applications on a Unix SVR4 kernel: performance study 26338
Bourgholtzer, S. *see* Ng, W. 58358
Bourgin, P. *see* Medigue, C. 18196
Bourgine, F. *see* Scheurer, J.N. 59353
Bourgoin, J.C., Kiliulis, R., Gonzales, C., Strobl, G., Flores, C., Bogus, K., Signorini, C. Deep space degradation of Si and GaAs solar cells 37987
Bourgoin, J.C. *see* Mimila-Arroyo, J. 52633
Bourguignon, M. *see* Vera, P. 37674
Bourham, M. *see* Hankins, O.E. 33858
Bourham, M.A., Gilligan, J.G., Oberle, W.F. Analysis of solid propellant combustion behavior under electrothermal plasma injection for ETC launchers 33857
Bourham, M.A. *see* Kincaid, R.W. 24387
Bourhila, N., Torres, J., Palleau, J., Bernard, C., Madar, R. Copper LPCVD for advanced technology 40646
Bourhis, L.Le *see* Le Bourhis, L.
Bourin, C., Bondon, P. On a class of infinite extent nonlinear interpolators 25137
Bourjault, A. *see* Ballandras, S. 32576
Bourjault, A. *see* Magerand, E. 50716
Bourjolly, J.-M., Laporte, G., Mercure, H. A combinatorial column generation algorithm for the maximum stable set problem 30470
Bourke, M.M. *see* Crouch, M.A. 54598
Bourke, M.M. *see* Heaton, J.M. 23573
Bourke, M.M. *see* Heaton, J.M. 44033

Bourke, R.H. *see* Null, J.M. 18763
Bourke, R.H. *see* Scanlon, G.A. 18898
Bourland, J.D., Wu, Q.R. Use of shape for automated, optimized 3D radiosurgical treatment planning 18520
Bourlange, A. *see* Vieu, C. 40622
Bourlard, H. *see* Konig, Y. 24876
Bourlard, H. *see* Konig, Y. 56385
Bourlas, Y., Rahardjo, B., Dueck, D.D. The converging flows protocol: design and analysis using SDL 16092
Bourles, H., Colledani, F., Houry, M.P. Robust continuous speed governor control for small-signal and transient stability 50773
Bourn, C. *see* Hansen, N. 10198
Bourn, C. *see* Hansen, N. 30207
Bourne, C., Faithfull, P., Quigley, C. Implementing control of a parallel hybrid vehicle 61285
Bourne, N.K. *see* Millett, J.C.F. 36928
Bourne, P. *see* Blanck, H. 53667
Bourotte, J. *see* Alexeev, G. 59200
Bourouina, T., Grandchamp, J.-P. Modeling micropumps with electrical equivalent networks 23036
Bourque, M.-C. *see* Kelley, D.E. 60078
Bourquin, P., Pirkl, W., Umstatter, H.-H. RF and constructional issues in the RFQ for the CERN Laser Ion Source 49274
Bourquin, R., Dulmet, B., Boy, J.J. SC-cut resonator operating in anharmonic modes with B-mode reduction 23277
Bourret, A. *see* Rossner, U. 21264
Bourret, A. *see* Rouviere, J.-L. 12286
Bourret, P. *see* Schaeffer, E. 46384
Bourret-Courchesne, E.D. *see* Fischer, S. 847
Bourret-Courchesne, E.D. *see* Wolk, J.A. 52599
Bourrieau, J. *see* Doyle, D. 6814
Boursssseau, S., Dupont, M., Pernice, M., Thiriot, A., Blanquet, P., Demol, T., Delebarre, C., Coutellier, D. Integration of optical fibers and piezoelectric ceramics in composite materials 10970
Bourzeix, S., de Beauvoir, B., Nez, F., de Tomasi, F., Julien, L., Biraben, F. Ultra-violet light generation at 205 nm by two frequency doubling steps of a CW titanium-sapphire laser 14364
Bouscayrol, A., Delabre, M., Pietrzak-David, M., de Fornel, B., Bischoff, R. Cartesian flux observer for an induction machine application to a robot propulsion set 51787
Bouscayrol, A., Pietrzak-David, M. Discrete-time Cartesian flux observer for an induction machine 60756
Bouscayrol, A., Pietrzak-David, M., De Fornel, B. Comparative studies of inverter structures for a mobile robot asynchronous motorisation 9679
Bouslama, M., Ghamnia, M., Jardin, C., Bouderbala, M., Gruzza, B. Investigation by AES and EELS of ZnO/InP (100) and SnO_2/Ag 22311
Bousquet, M. *see* Bergogne, C. 26672
Boussak, M. *see* Loukil, I. 9208
Boussakta, S., Holt, A.G.J. A novel combination of NTTs using the MRC 4852
Bousse, L. Whole cell biosensors 17565
Boussert, B. *see* Selo, G. 48322
Boussey, J. *see* Minondo, M. 2582
Boussinot, F., Doumenc, G., Stefani, J.-B. Reactive objects 5903
Boussouis, M. *see* Azizi, M. 24543
Boustedt, K., Hedemalm, P. The Nordic flip-chip project 20929
Boustedt, K. *see* Carlsson, P. 22103
Bout, P.A.Vanden *see* Vanden Bout, P.A.
Boutaba, R. *see* Mehaoua, A. 7037
Boutaghou, Z.-E. *see* Meyer, D. 32836
Boutayeb, M., Rafaralahy, H., Darouach, M. Convergence analysis of the extended Kalman filter used as an observer for nonlinear deterministic discrete-time systems 56431
Boutbila, M.A., Rasneur, J., El Aatmani, M., Lyahyaoui, H. Point defects in the ternary sulfide $CuCrS_2$ 31898
Bouten, C.V.C., Koekkoek, K.T.M., Verduin, M., Kodde, R., Janssen, J.D. A triaxial accelerometer and portable data processing unit for the assessment of daily physical activity 37605
Bouten, C.V.C., Sauren, A.A.H., Verduin, M., Janssen, J.D. Effects of placement and orientation of body-fixed accelerometers on the assessment of energy expenditure during walking 49397
Boutet, D. *see* Auffray, E. 37281
Bouteville, A., Imhoff, L., Remy, J.C. Thermodynamics of the formation of TiN from $TiCl_4$-NH_3-H_2 on a patterned oxidized silicon substrate 908
Boutez, C., Crozat, P., Danelon, V., Chaubet, M., Febvre, P., Beaudin, G. A low-noise cryogenically-cooled 8-12 GHz HEMT amplifier for future space applications 31533
Bouthemy, P., Ganansia, F. Video partitioning and camera motion characterization for content-based video indexing 57012
Bouthemy, P. *see* Hennebert, C. 5074
Bouthemy, P. *see* Hennebert, C. 15731
Bouthemy, P. *see* Paragios, N. 56946
Bouthinon, M. *see* Corrao, N. 9916
Boutigny, D. *see* Arisaka, K. 37239
Boutigny, D. *see* Arisaka, K. 37460
Boutilier, C., Dearden, R. Approximating value trees in structured dynamic programming 40102
Boutillon, E., Demassieux, N. High speed low power architecture for memory management in a Viterbi decoder 4544
Boutillon, E. *see* Giraud, X. 56256
Boutillon, M. Behaviour of transfer chambers in the low-energy X-ray range 58610
Boutillon, X. *see* Guerard, J. 17129
Boutin, M., Dziel, P. Application of boundary scan in a fault tolerant computer system 36429
Boutleux, E., Dubuisson, B. Fuzzy pattern recognition to characterise a system evolution: application to a model of the French telephone network 6007
Boutleux, E., Dubuisson, B. A fuzzy pattern recognition approach for dynamic systems diagnosis. Application to a model of the French telephone network 26065
Boutleux, E., Dubuisson, B. Learning membership functions to follow a system state evolution. Application to a model of the French telephone network 56494
Boutou, V. *see* Kasparian, J. 55890
Boutros, J., Viterbo, E. New approach for transmission over fading channels 47527
Boutros, J. *see* Battail, G. 46546
Boutros, K. *see* McIntosh, F.G. 21274
Boutros, K.S., Roberts, J.C., McIntosh, F.G., Piner, E.L., El-Masry, N.A., Bedair, S.M. Low-temperature growth of high quality $In_xGa_{1-x}N$ by atomic layer epitaxy 21273
Boutros, K.S. *see* Piner, E.L. 10798
Boutros, K.S. *see* Piner, E.L. 40409
Boutros, K.S. *see* Roberts, J.C. 10794
Boutros, K.S. *see* Roberts, J.C. 13680
Boutsikaris, L. *see* Mailis, S. 24301
Boutsikaris, L. *see* Vainos, N.A. 14434
Bouttet, D. *see* Auffray, E. 18084
Bouverat, P. PV in LDC's [photovoltaic power, developing countries] 60612
Bouveresse, E. *see* Rutan, S.C. 27392
Bouvier, M. *see* Maksimchuk, A. 28054
Bouvier, M. *see* Sidler, T. 14227
Bouvier, Ph. *see* Adam, A. 37280
Bouville, C., Hollier, P., Dubois, J.L., Marchal, I., Thebault, B., Klefstad, M. DVFLEX: a flexible MPEG real time video codec 58056
Bouville, C. *see* Laurent, C. 56864
Bouvin, C. *see* Deriche, R. 56889
Bouvy, R., Vincent, J., Parulski, K., Balch, K., Erickson, G., Menadier, M. The Fox Movietone News Preservation Project: the progressive scan CCD camera 17096
Bouwmans, T., Bigand, A., Dubus, J.P. A fuzzy model in trinocular vision matching 25678
Bouwmans, T., Bigand, A., Dubus, J.P. A fuzzy model in trinocular vision matching 56832
Bouwmeester, H.J.M. *see* ten Elshof, J.E. 54101
Bouwmeester, H.J.M. *see* Van Heuveln, F.H. 41766
Bouwstra, S. *see* Christensen, C. 20855
Bouwstra, S. *see* Heschel, M. 43387
Bouyad-Amine, J. *see* Zielinski, E. 44584
Bouyer, P. *see* Martinez, E. 49350
Bouzari, H., Tavakoli, A., Heydar, H. A comprehensive error model for polarimetric measurement systems 34231
Bouzelat, H. *see* Quantin, C. 4532
Bouzerdoum, A. *see* Hosseini, H.M.M. 46148
Bouzerdoum, A. *see* Mohandes, M. 27080
Bouzerdoum, A. *see* Moini, A. 25700
Bouzerdoum, A. *see* Nguyen, X.T. 59016
Bouzerdoum, A. *see* Vajdic, S.M. 35205
Bouzette, S., Buekenhout, F., Dony, E., Gottcheiner, A. A theory of nets for polyhedra and polytopes related to incidence geometries 40054
Bouzid, A., Abushagur, M.A.G. Thin-film approximate modeling of in-core fiber gratings 3396
Bouzidi, S. *see* Berroir, J.P. 60009
Bovalini, R., D'Auria, F., Galassi, G.M. Open issues in evaluating the uncertainties and the safety margins of LWRs during off normal conditions 38579
Bove, M. *see* Grattarola, M. 58864
Bove, V.M., Jr. Multimedia based on object models: some whys and hows 16386
Bove, V.M., Jr. The impact of new multimedia representations on hardware and software systems 47371
Bove, V.M., Jr. *see* Chalom, E. 57287
Bove, V.M., Jr. *see* Watlington, J.A. 57201
Bove, V.M., Jr. *see* Wong, J.J. 47451
Boves, L., Herberts, I., Russel, A., den Os, E. Localization and field test of a Dutch train time table information system 45682
Boves, L. *see* Potjer, J. 46970
Bovik, A.C., Havlicek, J.P., Desai, M.D., Harding, D.S. Limits on discrete modulated signals 45519
Bovik, A.C. *see* Changhoon Yim 5401
Bovik, A.C. *see* Craievich, D. 57458
Bovik, A.C. *see* Havlicek, J.P. 56949
Bovin, J. *see* Thorsen, J.E. 20090
Bovin, J.-O. *see* Deppert, K. 12241
Bovtoum, V. *see* Sturm, H. 58980
Bow, K.E. *see* Barras, R.E. 50579
Bow, S.T. *see* Yonglin Sun 57290
Bow, Y.C., Kwok, W.M., Poon, M.C. Porous silicon ethanol vapor sensor 36788
Bowcock, T.J.V. *see* Allport, P.P. 37375
Bowcock, T.J.V. *see* Beringer, J. 37394
Bowden, M. *see* Antos, J. 37373
Bowden, S. *see* Aberle, A.G. 39012
Bowden, S. *see* Altermatt, P.P. 51559
Bowden, S. *see* Ebong, A.U. 29650
Bowen, C. *see* Liu, W. 43056
Bowen, C. *see* Tiemessen, M. 32251
Bowen, C.E. *see* Potter, I.J. 60563
Bowen, E.D. *see* Milanovic, V. 53686
Bowen, J.M., Chew, W.C., Mayes, P.E., Song, J.M. A study of current basis functions for antenna modeling 34242
Bowen, J.M., Mayes, P.E., Ingerson, P.G. Modeling and measurements of sinuous antennas 45382
Bowen, J.W. *see* Collins, C.E. 53635
Bowen, L., Gentilman, R., Fiore, D., Hong Pham, Serwatka, W., Near, C., Pazol, B. Design, fabrication, and properties of SonoPanel™ 1-3 piezocomposite transducers 43593
Bowen, L. *see* Gentilman, R. 17289
Bowen, L.J. *see* Gentilman, R.L. 18971
Bowen, L.J. *see* Pazol, B.G. 18368
Bowen, R.C., Klimeck, G., Lake, R.K., Frensley, W.R., Moise, T. Quantitative simulation of a resonant tunneling diode 42919
Bowen, R.C. *see* Klimeck, G. 54579
Bowen, R.C. *see* Lake, R. 2737
Bower, C.C.F., Szabo, B. Modular vault dry storage at Paks NPP technology and experience 60482
Bower, J.M. *(editor)* Neurobiology of Computation. Proceedings of the Third Annual Computation and Neural Systems Conference 11624
Bower, J.R. *see* Shreve, K.P. 39030
Bower, W. *see* Wiles, J. 50828
Bowers, J. *see* Mirtn, R. 55726
Bowers, J. *see* Yu, R. 36181
Bowers, J. *see* Zhang, Y.M. 44238
Bowers, J.E. *see* Babic, D.I. 24003
Bowers, J.E. *see* Balsamo, S. 24023
Bowers, J.E. *see* Blixt, P. 6730
Bowers, J.E. *see* Bodtker, E. 6710
Bowers, J.E. *see* Giboney, K.S. 58758
Bowers, J.E. *see* Hawkins, A.R. 7366
Bowers, J.E. *see* Hawkins, A.R. 27570
Bowers, J.E. *see* Margalit, N.M. 44572
Bowers, J.E. *see* Piprek, J. 44573
Bowers, J.E. *see* San-Liang Lee 14147
Bowers, J.E. *see* Sink, R.K. 24006
Bowers, J.E. *see* Sun, C.-K. 41983
Bowers, J.E. *see* Sun, C.-K. 58357
Bowers, J.E. *see* Tauber, D.A. 44481
Bowers, J.E. *see* Weishu Wu 13850
Bowers, J.E. *see* Zhang, S.Z. 36132
Bowers, J.S. Characterization of reconstituted mica paper capacitors used in high voltage electronics applications 11772
Bowers, J.S. Characterization of reconstituted mica paper capacitors used in high voltage power electronics applications 31089
Bowers, K.A. *see* Johnson, M.A.L. 30834
Bowers, K.L. Determining the feasibility of a flight profile in a Free Flight environment 60000
Bowers, M.A. *see* Ormondroyd, R.F. 16521
Bowers, M.S. *see* Armstrong, D.J. 44679
Bowers, M.W., Boyd, R.W., Hankla, A.K. Brillouin-enhanced four-wave-mixing vector phase-conjugate mirror with beam-combining capability 55880
Bowers, M.W., Hankle, A.K., Boyd, R.W. Brillouin-enhanced four-wave mixing phase conjugator with correction for material, thermal, and birefringence aberrations and passive output control 33656
Bowers, R.L., Nakafuji, G., Greene, A.E., McLenithan, K.D., Peterson, D.L., Roderick, N.F. Two-dimensional modeling of X-ray output from switched foil implosions on Procyon 9367
Bowes, K. *see* Mintchev, M. 49674
Bowes, S.R., Jian Li, Stoten, D.P. Novel robust adaptive control for high performance field oriented control drives 29721
Bowes, S.R. *see* Yen-Shin Lai 51098
Bowhill, W.J. *see* Gronowski, P.E. 1444
Bowler, S.W. *see* Harriott, L.R. 22700
Bowler, S...W. *see* Harriott, L.R. 42874
Bowles, E.E. *see* Homeyer, W.G. 18709
Bowles, J. *see* Atia, M. 17282
Bowles, J.A. *see* Chun, H.J. 7188
Bowlin, W.F. *see* Bardhan, I. 408
Bowlin, W.F. *see* Bardhan, I. 409
Bowline, M.D. *see* Sojka, J.J. 50049
Bowling, M.L., Curfman, L.J. Virginia Power's Integrated Trending Program 38559
Bowling, P.S. *see* Ziomek, C.D. 7710
Bowman, C. Assessment of deep dielectric discharging in spacecraft 8222
Bowman, C.C., Hilton, P.J., Power, P.W., Hayes, M.P., Gabric, R.P. Sheep pelt grading using laser scanning and pattern recognition 35141
Bowman, G.P. Diagnostic reasoning systems data representation: IEEE P1232.1 artificial intelligence tie to automatic test equipment (AI-ESTATE) data and knowledge standard 36422
Bowman, H., Derrick, J., Steen, M. Some results on cross viewpoint consistency checking 6076
Bowman, H. *see* Derrick, J. 6077
Bowman, J.D. *see* Davanipour, Z. 49808
Bowman, J.K. Heat pipes–operating characteristics and performance stability 52291
Bowman, R.C., Jr. *see* Witham, C.K. 61036
Bowman, S.R. *see* Adler, C.L. 46248
Bowman, S.R. *see* Rabinovich, W.S. 3452
Bowman, S.R. *see* Shaw, L.B. 3777

Bownass, D.C., Barton, J.S., Jones, J.D.C. Serially multiplexed point sensor for the detection of high humidity in passive optical networks 58778
Bowron, P., Mezher, K.A., Muhieddine, A.A. Dynamic-range optimisation of second-order integrator-loop active filters 31368
Bowron, P. *see* Mezher, K.A. 53411
Bowsher, J.E. *see* Baydush, A.H. 49508
Bowyer, J. *see* Chaney, T. 39483
Box, F., Monticone, L.C., Wang, P.T.R. Frequency-assignment optimization techniques 48211
Box, G. Scientific statistics, teaching, learning and the computer 394
Boxem, G.van *see* van Boxem, G.
Boxer, L. Point set pattern matching in 3-D 15444
Boxer, L. On Hausdorff-like metrics for fuzzy sets 52457
Boxian Chen *see* Chen Boxian
Boxiang Wang *see* Yong Zhao 37799
Boxiong Wang *see* Wengong Shi 50247
Boxma, O.J. *see* Bayer, N. 52418
Boxman, R.L. *see* Alterkop, B. 40539
Boxman, R.L. *see* Kaplan, L. 41991
Boxman, R.L. *see* Keidar, M. 22125
Boxman, R.L. *see* Parkansky, N. 22006
Boy, J.J., Besson, R.J., Franquet, N., Thiebaud, D., Petit, R., Baviere, P., Brunet, M. Evaluation of mini-BVA resonators for space applications: tests program and results 23265
Boy, J.J., Guzzo, P.L. Quartz crystal twinning under mechanical stress: experimental measurements 13238
Boy, J.J. *see* Besson, R.J. 13335
Boy, J.J. *see* Besson, R.J. 13373
Boy, J.J. *see* Bourquin, R. 23277
Boyang Li *see* Li Boyang
Boyard, J.L. *see* Martinez, E. 49350
Boyarinov, I., Farrell, P., Markarian, G., Honary, B. Random double-bit error correcting generalised array codes 45535
Boyce, J.B. *see* Mei, P. 2693
Boyce, J.F. *see* Brinicombe, A.M. 59898
Boyce, J.F. *see* Haddon, J.F. 5363
Boyce, J.F. *see* Orwell, J.M. 5102
Boyce, J.F. *see* Toulson, D.L. 27688
Boyce, J.F. *see* Toulson, D.L. 57537
Boyce, K. *see* Ning Wang 17015
Boyce, P.R. Illuminance selection based on visual performance–and other fairy stories 39414
Boyce, P.R. *see* Eklund, N.H. 39413
Boyce, P.R. *see* Lloyd, C.J. 39369
Boyd, A., Rubin, A. Interactive video: a bridge between motion and math 103
Boyd, A. *see* Capener, J.R. 19682
Boyd, C. A framework for design of key establishment protocols 24768
Boyd, C., Cleary, J.G., Irvine, S.A., Rinsma-Melchert, I., Witten, I.H. Integrating error detection into arithmetic coding 24668
Boyd, C., Mathuria, A. Systematic design of key establishment protocols based on one-way functions 57647
Boyd, D. *see* Carlisle, J.C. 50542
Boyd, D. *see* Carlisle, J.C. 50543
Boyd, D. *see* Vessot, R.F.C. 48294
Boyd, D.R. Using communications technology for cross cultural training and development: the participatory developmental education model 30042
Boyd, E.A. A fully polynomial epsilon approximation cutting plane algorithm for solving combinatorial linear programs containing a sufficiently large ball 40121
Boyd, I.D. *see* Font, G.I. 32211
Boyd, I.W. Ultraviolet induced mechanisms in oxide film formation 53887
Boyd, I.W., Zhang, J.Y. New large area ultraviolet lamp sources and their applications 51829
Boyd, I.W. *see* Coccia, L.G. 40629
Boyd, I.W. *see* Jun-Ying Zhang 2337
Boyd, J.E. *see* Sworder, D.D. 25289
Boyd, J.M., Ellul, J.P. Near-global planarization of oxide-filled shallow trenches using chemical mechanical polishing 12765
Boyd, J.T. *see* Poweleit, C.D. 13634
Boyd, M.A., Abou Khalil, A., Herrin, S.A. Real-time automated diagnosis for human-computer based monitoring and control systems 58633
Boyd, N.G.K., III. *see* Kourouniotis, F.P. 25176
Boyd, P.R. *see* Benson, J.D. 710
Boyd, R. *see* Perry, M.D. 14509
Boyd, R. *see* Shipsey, I. 59232
Boyd, R. *see* Spencer, M.B. 59274
Boyd, R.D. *see* Nguyen, H.T. 33598
Boyd, R.W. Nanocomposite materials for nonlinear optics 55919
Boyd, R.W. *see* Bowers, M.W. 33656
Boyd, R.W. *see* Bowers, M.W. 55880
Boyd, R.W. *see* Buckland, E.L. 55885
Boyd, R.W. *see* Fischer, G.L. 3540
Boyd, S. *see* Hassibi, A. 48178
Boyd, S. *see* Lebret, H. 45431
Boyd, S. *see* Shao-Po Wu 34967
Boyd, T.L. *see* Binun, P.W. 14044
Boyd, W. *see* Wei Zhang 13414
Boyd Rogers, W. *see* Ida, Y. 12036
Boyd Rogers, W. *see* Strandjord, A.J. 12044
Boyden, M.N. *see* Chien, L.-C. 7502
Boyeaux, J.P. *see* El Omari, H. 39010
Boyer, A. *see* Chisholm, W.A. 8927
Boyer, A. *see* Dong, L. 49762
Boyer, A. *see* Ferhat, M. 10698
Boyer, C.M. *see* Johnson, P.W. 39489
Boyer, D.G., Lukacs, M.E., Mills, M. The Personal Presence system experimental research prototype 6279
Boyer, G.R., Kononovitch, G. Gain optimization of a Kerr-lens mode-locked Cr:forsterite laser in the CW regime: theory and experiments 14053
Boyer, J.J. *see* Debionne, G. 16932
Boyer, K.L. *see* Sengupta, K. 5349
Boyin Lu *see* Lu Boyin
Boylan, R. *see* Walsh, S.T. 54833
Boyle, C. Mathematics in primary education–the quest for improvement 52057
Boyle, G.J. *see* Herrera, R.E. 49678
Boyle, M.E. *see* Pong, R.G.S. 4090
Boyle, T., Abrahams, M. Measuring ASIC test coverage 1205
Boyle, T.J. *see* Rodriguez, M.A. 54948
Boyn, R. *see* Wruck, D. 42406
Boynton, P.A., Kelley, E.F. Measuring the contrast ratio of displays 17607
Boyson, W.E. *see* King, D.L. 39174
Boyuan Hou *see* Hou Boyuan
Bozada, C. *see* Anholt, R. 42944
Bozada, C. *see* Schuermeyer, F. 54702
Bozada, C.A. *see* De Salvo, G.C. 32127
Bozada, C.A. *see* DeSalvo, G.C. 12761
Bozdagi, G. *see* Saber, E. 25402
Bozdagi, G. *see* Tekalp, A.M. 56688
Bozdog, C. *see* Galateanu, L. 42936
Bozeat, R.J., Bunyan, R.J.T., Nayar, V. CMOS compatible silicon micromachining using TMAH 23043
Bozeat, R.J. *see* Arrand, H. 33092
Bozek, A. *see* Miyata, H. 37384
Bozek, A. *see* Senyo, K. 37386
Bozek, S. *see* Senez, V. 43234
Bozek-Kuzmicki, M., Hriljac, P., Jacyna, G. Bayesian approach to estimation and detection of chaotic/nonlinear signals 25041
Bozhenok, A.V., Ivanchenko, V.N., Silagadze, Z.K. Transverse energy profile of electromagnetic shower 37252
Bozhenok, A.V. *see* Achasov, M.N. 37251
Bozhevolnyi, S.I., Vohnsen, B. Phase conjugation of optical near fields by a surface hologram 24110
Bozhevolnyi, S.I. *see* Vohnsen, B. 44647
Bozic, M., Grundy, D.L. A novel approach to VLSI analogue design 32524
Bozic, M. *see* Grundy, D.L. 53470
Bozic, Z., Hobson, E. Urban underground network expansion planning 60377
Bozik, M. *see* Hine, N. 6172
Bozinovska, L. *see* Stojanov, G. 37792
Bozinovski, S. *see* Stojanov, G. 37792
Bozma, H.I. *see* Soyer, C. 36684
Bozoki, S. Distributed parallel computation in video coding using workstations 56842
Bozoki, Z., Sneider, J., Szabo, G., Miklos, A., Serenyi, M., Nagy, G., Feher, M. Intracavity photoacoustic gas detection with an external cavity diode laser 7672
Bozorgui, S., Destrez, A., Toffano, Z. Effects of chirped gratings on tunability of multielectrode DBR lasers 55704
Bozorgui, S., Destrez, A., Toffano, Z. An analysis of thermal effects and its influence on the laser dynamics in three-electrode DBR lasers 55705
Bozym, J. *see* Dudziak, E. 12437
Bozza, F., Senatore, A., Tuccillo, R. Thermal cycle analysis and component aerodesign for gas turbine concept in low-range cogenerating systems 29107
Bozzetti, M., D'Orazio, A., De Sario, M., Petruzzelli, V., Purdenzano, F. Experimental investigation of Ti:LiNbO$_3$ rotated optical axis waveguides 3411
Bozzo, M. *see* Adam, W. 59267
Bozzo, M. *see* Bellazzini, R. 37434
Bozzo, R., Coletti, G., Gemme, C., Guastavino, F. Design Of Experiments (DOE) procedures for the optimisation of a digital partial discharge measurement system 32688
Bozzo, R., Contin, A., Gemme, C., Guastavino, F., Montanari, G.C. An analysis of the probability distributions of charge in electrical trees generated by needle tests 43528
Bozzo, R., Gemme, C., Guastavino, F. The dependence of fingerprints relevant to PDs on degradation time and test voltage 32695
Bozzo, R., Gemme, C., Guastavino, F., Sciutto, L. Diagnostic by means of neural networks having inputs derived from the statistical analysis of PD patterns [of polymer film insulation] 2977
Bozzo, R., Gemme, C., Guastavino, F., Tiemblo, P. Measuring the degradation level of polymer films subjected to partial discharges 13286
Bozzo, R., Gemme, C., Guastavino, F., Tiemblo, P. Lifetime dependence on relative humidity of polymers subjected to PD aging 43536
Bozzo, R. *see* Coletti, G. 32716
Bozzola, P., Bortolan, G., Combi, C., Pinciroli, F., BroHet, C. A hybrid neuro-fuzzy system for ECG classification of myocardial infarction 37787
Bozzolo, N., Barrat, S., Dieguez, I., Bauer-Grosse, E. Crystalline quality of highly oriented diamond films grown on (100) silicon studied by conventional TEM 40604
Braasch, M.S. Autocorrelation sidelobe considerations in the characterization of multipath errors 36277
Braasch, Th. *see* Alles, M. 36576
Braat, J.J.M. *see* de Wit, G.C. 7503
Braband, J., Peters, H. Fail-safety in a closed transmission system [for rail traffic control] 39315
Brabec, T., Krausz, F. Nonlinear optical pulse propagation in the single-cycle regime 55891
Brabec, T. *see* Xu, L. 33437
Brabetz, S., Weidl, R., Klemm, F., Dorrer, L., Schmidl, F., Seidel, P. Development of a heart monitoring system with high-T$_c$ DC-SQUID gradiometers 49415
Brabetz, S. *see* Nowak, H. 49514
Brabetz, S. *see* Weidl, R. 49568
Bracale, M. *see* Pepino, A. 18500
Bracamonte, J., Ansorge, M., Pellandini, F. 'VLSI systems for image compression: a power-consumption/image-resolution trade-off approach 15643
Braccini, S. *see* Luiten, A.N. 48500
Bracco, M. *see* Camp, W.O., Jr. 47601
Bracho, S. *see* Arguelles, J. 21823
Bracho, S. *see* Olbrich, T. 11534
Bracht, H., Overhof, H. Kinetics of interstitial-substitutional exchange of Zn, Pt, and Au in Si: experimental results and theoretical calculations 42387
Bracht, R.R. *see* Beard, C.A. 7757
Brachtendorf, H.G., Eck, C., Laur, R. Macromodeling of hysteresis phenomena with SPICE 53008
Brachtendorf, H.G., Laur, R. A hysteresis model for hard magnetic core materials 32874
Brack, M. *see* Reimann, S.M. 2037
Bracken, C. *see* Brown, K.C. 54824
Bracken, K.C. *see* Mittal, R. 21843
Bracken, M.A. *see* Scheidker, E.J. 28576
Bracken, R.C. Packaging sciences research at the Semiconductor Research Corporation (SRC) 39801
Brackett, C.A. Obstacles on the way to transparent multiwavelength networks 26744
Brackett, C.A. *see* Jackel, J.L. 3496
Brackett, R.A. *see* Izenberg, N.R. 28609
Brackett, W.E., Levin, R.E. Zero-distance in-place indoor luminaire flux measurements 39420
Brackin, S.H. *see* Lichota, R.W. 25922
Brackin, S.H. *see* Lichota, R.W. 46718
Braconi, G. *see* Angino, G. 48115
Bradaczek, H. *see* Popescu, M. 42083
Bradaczek, H.-A. *see* Berger, H. 13333
Bradaczez, H. *see* Berger, H. 13333
Bradaschia, C. *see* Luiten, A.N. 48500
Bradbeer, R.T. *see* Ka Ho Wong, J. 20540
Bradbeer, R.T. *see* Leung, C.M. 20537
Bradburn, S.C. *see* Dowski, E.R., Jr. 25531
Bradbury, S. *see* Krawczynski, H. 37287
Braden, G.A. *see* Fan, L. 28302
Braden, G.A. *see* Van Horn, M.H. 28304
Bradfield, H.L. *see* Heath, D.W. 29198
Bradford, E. The benefits of DSP lock-in amplifiers 31131
Bradford, M. Ignition of explosive gas-air mixtures in HV machines 60770
Bradford, P.M., Patchett, C.M. Regulatory view of containment integrity in the United Kingdom 29028
Bradhurst, D. *see* Chen, J. 61034
Bradhurst, D. *see* Cui, N. 61035
Bradie, B. Improved wavelet packet compression of electrocardiogram data II: Coding of compressor output and QRS clustering 28349
Bradish, T.R. *see* Seaman, C.K. 38555
Bradley, A. *see* Brown, R.W. 20548
Bradley, A. *see* Burton, P.C.M. 20525
Bradley, A. *see* Jakob, C. 15257
Bradley, B. *see* Sackos, J. 6970
Bradley, B. *see* Sackos, J. 58994
Bradley, D. Electroluminescent polymers: materials, physics and device engineering 21384
Bradley, D.D.C. *see* Lidzey, D.G. 33297
Bradley, D.D.C. *see* Pavier, M.A. 33244
Bradley, D.D.C. *see* Weaver, M.S. 44287
Bradley, E., Lall, P., Banerji, K. Effect of thermal aging on the microstructure and reliability of ball grid array (BGA) solder joints 20891
Bradley, E., Straub, D.E. Using chaos to broaden the capture range of a phase-locked loop: experimental verification 11233
Bradley, E.M. *see* Wooten, E.L. 3464
Bradley, I.V. *see* Baru, V.G. 12582
Bradley, J.N. *see* Brislawn, C.M. 35251
Bradley, K.J., Tami, A. Reluctance mesh modelling of induction motors with healthy and faulty rotors 29333
Bradley, K.J. *see* Blasco-Gimenez, R. 9586
Bradley, K.J. *see* Cilia, J. 9587
Bradley, K.J. *see* Cilia, J. 29709
Bradley, K.J. *see* Ferrah, A. 29719
Bradley, M.E. *see* Bennett, A.C. 19192
Bradley, M.J., Mars, P. Application of multiple channel estimators in MLSE detectors for fast time-varying and frequency selective channels 46535
Bradley, R. Cable temperature monitoring 50581
Bradley, R.F., Johnk, L.D. Replacing a networking interface "from Hell" 47188
Bradley, R.F. *see* Hesler, J.L. 53620
Bradley, S. *see* Tighe, J.R. 14739
Bradlow, A.R., Torretta, G.M., Pisoni, D.B. Intelligibility of normal speech I: Global and fine-grained acoustic-phonetic talker characteristics 24858

Bradly, D. Complex device testing 17202
Bradnam, M.S. *see* Mackie, R.T. 28341
Bradshaw, A. *see* Nagy, Z. 41255
Bradshaw, K.J., Reid, I.D., Murray, D.W. The active recovery of 3D motion trajectories and their use in prediction 46309
Bradshaw, S. *see* Adams, D.M. 36140
Bradshaw, S. *see* Yu, J. 33129
Brady, D. *see* Gray, S.D. 26939
Brady, D. *see* Preisig, J. 16006
Brady, D. *see* Zvonar, Z. 17224
Brady, D.J. *see* Basinger, S.A. 56896
Brady, D.J. *see* Ramachandran, S. 14454
Brady, E. *see* Coughlan, P. 52145
Brady, F., Wright, S., Houston, G. Examination of shallow trench isolation for SOI 22965
Brady, F.T., Hughes, H.L., McMarr, P.J., Mrstik, B. Total dose hardening of SIMOX buried oxides for fully depleted devices in rad-tolerant applications 22844
Brady, G.P., Kalli, K., Webb, D.J., Jackson, D.A., Zhang, L., Bennion, I. Extended-range, low coherence dual wavelength interferometry using a superfluorescent fibre source and chirped fibre Bragg gratings 27596
Brady, G.P., Kalli, K., Webb, D.J., Jackson, D.A., Zhang, L., Bennion, I. Recent developments in optical fibre sensing using fibre Bragg gratings 36601
Brady, J.F., III *see* Schwalm, R.C. 18992
Brady, K. *see* Harriott, L.R. 22700
Brady, K. *see* Harriott, L.R. 42874
Brady, M. *see* Gilles, S. 15990
Brady, M. *see* Guillemaud, R. 18378
Brady, M. *see* Marais, P. 18394
Brady, N., O'Connor, N. Object detection and tracking using an EM-based motion estimation and segmentation framework 57017
Brady, R.P., Kulkarni, M.R. Determination of thermal diffusivity distribution for three types of materials by transient thermography 11014
Braerman, W.F. *see* Mortin, D.E. 30228
Braess, D., Sarazin, R. An efficient smoother for the Stokes problem 40217
Braess, D., Verfurth, R. A posteriori error estimators for the Raviart-Thomas element 21208
Brafman, O. *see* Manor, R. 2160
Braga, A.S., Tome Saraiva, J. Coordination of overcurrent directional relays in meshed networks using the Simplex method 8951
Braga, H.A.C., Barbi, I. A new technique for parallel connection of commutation cells: analysis, design, and experimentation 51146
Braga, H.A.C., Barbi, I. A 4.5 kW buck converter implemented with three IGBTs associated by means of a new paralleling technique 51347
Brager, G. *see* Fountain, M. 51637
Bragg, A.W., Chou, W. Real-time forecasting of bandwidth demand in high speed communications networks 35532
Bragg, A.W., Wushow Chou Real-time computation of empirical autocorrelation, and detection of nonstationary traffic conditions in high-speed networks 46551
Bragilevskii, E.L., Gofman, V.A., Lesnikovskii, A.E., Kolin, V.V. Contactless AC starters 19737
Braginski, A.I. *see* Neurohr, K. 22448
Braginski, A.I. *see* Uhlisch, D. 23398
Braginsky, V.B., Gorodetsky, M.L., Khalily, F.Y. The scheme of QND meter of microwave quadrature amplitude 41417
Bragos, R. *see* Casas, O. 18440
Bragos, R. *see* Riu, P.J. 18445
Bragoszewski, J. *see* Stone, G.C. 9170
Braha, D., Maimon, O. The design process: properties, paradigms, and structure 30140
Brahmbhatt, A. A VLSI architecture for real time code book generator and encoder of a vector quantizer 53343
Brahme, A. Recent developments in radiation therapy planning and treatment optimization 37849
Brahme, A. *see* Gudowska, I. 18573
Brahme, A. *see* Sorcini, B.B. 18585
Braicovich, L. *see* Dallera, C. 7847
Braile, D., Bockeria, L., Shatalov, K., Revishvili, A.S., Brofmann, P.R., Schaldach, M. Clinical experience on ANS-controlled cardiomyoplasty 28399
Braile, L.W. *see* Wang, B. 60026
Brailean, J.C., Katsaggelos, A.K. Recursive map displacement field estimation and its applications 57015
Brailean, J.C. *see* Banham, M.R. 35186
Brailove, A.A. *see* Linsay, P.S. 1178
Brailovski, V., Irochu, F., Daigneault, G. Temporal characteristics of shape memory linear actuators and their application to circuit breakers 51438
Brailovsky, V.L. An approach to outlier detection based on Bayesian probabilistic model 4823
Brailsford, A.D., Yussouff, M., Logothetis, E.M. Theory of gas sensors: Response of an electrochemical sensor to multi-component gas mixtures 27716
Brailsford, A.D., Yussouff, M., Logothetis, E.M. Steady state model of electrochemical gas sensors with multiple reactions 36768
Brailsford, J.R. Leak location for liquid filled cables 50582
Braithwaite, S. *see* Mehta, M. 47870
Brake, G.M te *see* M te Brake, G.
Brake, H.J.M.ter *see* ter Brake, H.J.M.
Brakelmann, H. Stress monitor for power cable rights-of-way 50576
Brakelmann, H. *see* Biewald, H. 38371
Brakenhoff, G.J., Muller, M. Improved axial resolution by point-spread autocorrelation function imaging 5516
Brakers, A. *see* Cuevas, A. 41816
Brakhan, W. *see* Loup, M. 19537
Brakke, K.A. *see* Singler, T.J. 10064
Brakke, T.W., Otterman, J., Irons, J.R., Hall, F.G. Assessing canopy biomass and vigor by model-inversion of bidirectional reflectances: problems and prospects 8537
Brakus, B., Hess, J. Planar multilayer technology for telecom DC/DC modules: maximum power in a minimum of space 19880
Brakus, B., Hess, J. DC/DC converters based on planar magnetic components 31116
Bramati, A. *see* Giacobino, E. 33564
Brambilla, A., Bergonzo, P., Foulon, F., Jany, C., Pochet, T. Diamond ionisation chambers for dosimetry 37910
Brambilla, A., D'Amore, D. A control-based approach to the solution of nonlinear algebraic equations 40204
Brambilla, A., Dallago, E. A circuit level simulation model of the IGBT 43082
Brambilla, A. *see* Jany, C. 31767
Brambilla, E., Castelli Dezza, F., Chiesa, E., Monti, A. Full digital low harmonic impact UPS: from theory to laboratory test 9336
Brambilla, E. *see* Adam, A. 37280
Brambilla, M. *see* Gutierrez, J. 23749
Brami, E. *see* Mosseri, Y. 17664
Bramley, R. *see* Xiaoge Wang 40172
Bramson, M. Convergence to equilibria for fluid models of head-of-the-line proportional processor sharing queueing networks 52409
Branagan, D.J., Hyde, T.A., Sellers, C.H., Lewis, L.H. A new generation of gas atomized powder with improved levels of energy product and processability 3039
Branagan, D.J. *see* Sellers, C.H. 32788
Branca, A., Attolico, G., Distante, A. Multiscale data analysis for leather defect detection 35149
Branca, A., Convertino, G., Stella, E., Distante, A. Geometrically constrained optical flow estimation by an Hopfield neural network 15877
Branca, A., Lovergine, F.P., Distante, A. A Hopfield network for computation of optical flow by variational approximation 57524
Branca, A., Stella, E., Attolico, G., Distante, A. Stereo matching by optimization using weak environmental constraints 35018
Branca, A., Stella, E., Distante, A. A neural network for optic flow computation through subgraph isomorphism 5537
Branca, A., Stella, E., Distante, A. Passive navigation using focus of expansion 25462
Branca, A., Tafuri, M., Attolico, G., Distante, A. Directionality detection in compositional textures 5576
Branca, A., Tafuri, M., Attolico, G., Distante, A. Automated system for detection and classification of leather defects 25312
Branca, S. *see* Vespasiani, G. 18180
Brancart, C.P., Madden, J.P. Autonomous minehunting and mapping at-sea testing 50286
Branch, L.R. *see* Middleton, N.T. 20650
Branciard, B. *see* Zimmer, T. 22780
Brand, A., Ali, Z. Designing a spaceborne SAR for multi-mode imaging 16892
Brand, A.E., Aghvami, A.H. Performance of the joint CDMA/PRMA protocol for voice transmission in a cellular environment 6544
Brand, A.E., Aghvami, A.H. Performance of a joint CDMA/PRMA protocol for mixed voice/data transmission for third generation mobile communication 16585
Brand, C. *see* Eisenmenger, J. 55118
Brand, D., Visweswariah, C. Inaccuracies in power estimation during logic synthesis 11106
Brand, F., Torres, J., Palleau, J., Mermet, J.L., Marcadal, C., Richard, E. Ultra thin diffusion barriers for Cu interconnections at the gigabit generation and beyond 42641
Brand, G.E. Diffraction of millimeter waves by projecting a shadow pattern onto a semiconductor 14542
Brand, G.F. *see* Idehara, T. 53993
Brand, H. Extended utilisation of existing cable television networks 27172
Brand, J.F.J.van den *see* van den Brand, J.F.J.
Brand, K. *see* Campajola, L. 7751
Brand, M. Physics-based visual understanding 46417
Brand, O. *see* Baker, M. 42529
Brand, O. *see* Baker, M.D. 2418
Brand, R.A. *see* Tappert, J. 3192
Brand, S. *see* Krauss, T.F. 23676
Brand, S. *see* Krauss, T.F. 33102
Brand, U. *see* Hillmann, W. 48887
Brand, Y., Hall, R.C., Mosig, J.R. Approximation of mixed potential Green's functions at large distances 34147
Brand, Y., Hall, R.C., Mosig, J.R. Analysis of infinite arrays of aperture coupled patch elements via a space domain mixed potential integral equation 34364
Brand, Y. *see* Eleftheriades, G.V. 34264
Brandao, M.L. *see* Hernandez-Figueroa, H.E. 33087
Brandao Faria, J.A. On the modal decomposition of n-coupled transmission lines 45276
Brandao Faria, J.A., Briceno Mendez, J.H. Modal analysis of untransposed bilateral three-phase lines–a perturbation approach 38386
Brandao Faria, J.A., Hildemaro Briceno, J. Minimization of three-phase line imbalances by proper positioning of earth wires 8919
Branden Lambrecht, C.J.van den *see* van den Branden Lambrecht, C.J.
Brandenburg, A. Integrated optical interferometers for refractometry and chemical sensing 17333
Brandenburg, G. *see* Kagan, H. 37508
Brandenburg, G. *see* Kellermann, H. 60807
Brandenburg, G. *see* Kellermann, H. 60819
Brandenburg, G. *see* Shipsey, I. 59232
Brandenburg, G. *see* Spencer, M.B. 59274
Brandenburg, K. Development of an MPEG-4 audio standard 4598
Brandenburg, K., Bosi, M. Overview of MPEG audio: current and future standards for low-bit-rate audio coding 45589
Brandenburg, U.W., Finke, M., Hanisch, D., Musial, M., Schlicker, M., Stenzel, R. TUBROB–An autonomously operating robot 58115
Brandenburger, P.D. *see* Pearson, R.A. 39782
Brandl, D. *see* Itoh, H. 36908
Brandle, C.D. *see* Fratello, V.J. 13432
Brandle, C.D. *see* Hellman, E.S. 21251
Brandler, D. Planar resistor technology [PCBs] 53797
Brando, E., Vincent, H., Soubeyroux, J.L., Wolfers, P. Magnetic properties, X-ray and neutron diffraction analysis of new M-hexaferrites $BaFe_{12-2x}Ir_xMe_xO_{19}$ (Me=Co, Zn) 3163
Brandolese, C., Pillan, M., Salice, F., Sciuto, D. Analog circuits placement: a constraint driven methodology 11033
Brandolini, A., Gandelli, A., Ottoboni, R. Microelectronic assembling and testing in low-cost tactile sensing 58687
Brandolini, A. *see* Bellan, D. 11524
Brandolini, A. *see* Bellan, D. 53377
Brandon, J. *see* Dorgeuille, F. 13689
Brandon, J.A. *see* Kwan, A. 52529
Brandon, S., Gazit, D., Horowitz, A. Interface shapes and thermal fields during the gradient solidification method growth of sapphire single crystals 10661
Brandon, T.A. *see* Gustafson, K.J. 59788
Brandow, S.L. *see* Dobisz, E.A. 22734
Brands, P.J., Hoeks, A.P.G., Hofstra, L., Reneman, R.S. A noninvasive method to estimate wall shear rate using ultrasound 7930
Brands, P.J., Hoeks, A.P.G., Rutten, M.C.M., Reneman, R.S. A noninvasive method to estimate arterial impedance by means of assessment of local diameter change and the local center-line blood flow velocity using ultrasound 7981
Brandstadt, A., Chepoi, V.D., Dragan, F.F. Clique r-domination and clique r-packing problems on dually chordal graphs 40061
Brandstaetter, C. *see* Tasch, S. 44262
Brandstein, M.S., Adcock, J.E., Silverman, H.F. A localization-error-based method for microphone-array design 15010
Brandstein, M.S., Adcock, J.E., Silverman, H.F. A closed-form location estimator for use with room environment microphone arrays 25092
Brandstetter, P., Kusyn, Q. Induction motor drive with DSP-based control system 9608
Brandstetter, P., Mech, M. Control methods for permanent magnet synchronous motor drives with high dynamic performance 61168
Brandstrom, U. *see* Ovegard, A. 59787
Brandt, B.Van den *see* Van den Brandt, B.
Brandt, C.D. *see* Agarwal, A.K. 42044
Brandt, C.D. *see* Clarke, R.C. 1715
Brandt, D. *see* Kurucz, C.N. 19100
Brandt, H., Lahmann, H.-W., Weber, R. Quality control of saw blades based on neural networks and laser vibration measurements 59033
Brandt, H.E. Dependence of drift length on cavity gap voltage in a space-charge-dominated klystron amplifier 53985
Brandt, M.S., Reinacher, N.M., Ambacher, O., Stutzmann, M. Spin-dependent transport in GaN light emitting diodes 13880
Brandt, M.S. *see* Ambacher, O. 21282
Brandt, M.S. *see* Bayerl, M.W. 55451
Brandt, M.S. *see* Kawachi, G. 2617
Brandt, M.S. *see* Kawachi, G. 32408
Brandt, N.B. *see* Akimov, B.A. 42020
Brandt, O., Hui Yang, Kostial, H., Ploog, K.H. High p-type conductivity in cubic GaN/GaAs(113)A by using Be as the acceptor and O as the codopant 2101
Brandt, O., Hui Yang, Ploog, K.H. Growth kinetics of cubic GaN on (001) GaAs and its impact on crystal quality 10700
Brandt, O., Yang, H., Trampert, A., Ploog, K.H. Growth of cubic GaN on (001)GaAs 21249
Brandt, O. *see* Ploog, K.H. 30837
Brandt, O. *see* Ramsteiner, M. 31830
Brandt, O. *see* Trampert, A. 31846
Brandt, O. *see* Yang, H. 788
Brandt, R. *see* Laue, C. 29035

Brandt, S., Nagel, A., Schmidt, O., Wynands, R., Meschede, D. Magnetometry and frequency references with coherent dark states 27229
Brandt, S.A. *see* Smith, C.E. 5025
Brandt-Paerce, M. *see* Blair, W.D. 48091
Brandt-Pearce, M. *see* Blair, W.D. 38179
Brandt-Pearce, M. *see* Blair, W.D. 48049
Brandt-Pearce, M. *see* Blair, W.D. 50279
Brandt-Pearce, M. *see* Flair, W.D. 48092
Brandt-Pearce, M. *see* Halford, K.W. 35467
Branford, D. *see* MacGregor, I.J.D. 37365
Branger, B., LaPorte, H., Nallatamby, J.C., Prigent, M., LaPierre, L. Comparison between simulations and measurements of large signal and nonlinear noise behaviors of MMIC analog frequency divider by two 53689
Branigan, R.G. *see* Crenshaw, D.A. 18985
Brankin, F. *see* Clegg, B. 38916
Branner, G.R. *see* Kumar, B.P. 34477
Branner, G.R. *see* Preetham Kumar, B. 34466
Branner, G.R. *see* Thomas, D.G., Jr. 21909
Brannon, B. Wide-dynamic-range A/D converters pave the way for wideband digital-radio receivers 31347
Brannon, C.C. *see* McGregor, D.S. 37340
Brannon, J. Excimer laser ablation and etching 44843
Branquinho, A. *see* Aptekarev, A.I. 30643
Bransby, M.L. Three into one does go! The JTFPE control and instrumentation guide EN 45510 Part 8.1 38456
Bransby, M.L. Advanced control desks for power stations 38598
Bransch, E. *see* Beulen, K. 34669
Branscome, J.V., Erickson, C.J., Jones, A.E., Rafferty, N.R. An economical, high temperature, impedance heat exchanger 51840
Branst, L., Maye, P., Nguyen, T. Method for simultaneous test of AMLCD row/column electronics 13721
Branzalov, P.P., Ivanov, L.M., Pavlov, L.I. Displacement sensor with a hollow optical waveguide and a mirror 48633
Brar, B., Wilk, G.D., Seabaugh, A.C. Direct extraction of the electron tunneling effective mass in ultrathin SiO_2 2265
Brar, B. *see* Beam, E.A., III. 21303
Brar, B. *see* Markelz, A.G. 22300
Bras, F. *see* Journet, B. 48878
Bras, J. *see* Tanguy, A. 3110
Bras, J. *see* Tanguy, A. 13464
Bras, R.L. *see* Qihang Li 38075
Brasas, S.K. Important problems in developing transportation and storage casks for spent nuclear fuel 29038
Brasche, G. Modelling and simulation of a frame mode bearer service for the GSM cellular radio network by formal specification 36041
Brasen, D. *see* Lu, H.C. 2346
Brashears, S. *see* Sharma, A.K. 49938
Braslavsky, J.H., Seron, M.M., Goodwin, G.C., Grainger, R.W. Tradeoffs in multivariable filter design with applications to fault detection 34970
Brasoveanu, D., Gupta, A.K. Methane and air mixing times under nonreacting and reacting conditions 19576
Brass, H. On the quality of algorithms based on spline interpolation 30549
Brass, H., Petras, K. On a conjecture of D.B. Hunter 40205
Brassard, G., Crepeau, C., Santha, M. Oblivious transfers and intersecting codes 24692
Brassart, N., Furetta, C., Herault, J., Gabillat, J.M., Chauvel, P. Preliminary results on the use of LiF:Mg,Cu,P (GR-200A) in proton therapy 59854
Brasseau, F. *see* Barillot, C. 41476
Brasselet, S., Zyss, J. Relation between quantum and geometric dimensionalities in molecular nonlinear optics: beyond the two-level model for anisotropic systems 33707
Brasseur, C. *see* Chusseau, L. 2021
Brasseur, J.K. *see* Repasky, K.S. 55795
Brasseur, O., Daschmann, H. The recuperative plate-type heat exchanger (REKULUVO) as a new concept for air heating of fossil fuel-fired power stations with special reference to efficiency improvement (REKULUVO-Plus) 19538
Brastilov, A.D. *see* Akimov, D.Yu. 37245
Brasunas, J.C. Thallium-bromo-iodide as a far-infrared beamsplitter for Fourier transform spectroscopy 44162
Brasunas, J.C. Measuring and modeling the frequency response of infrared detectors 48559
Braswell, B.H., Schimel, D.S., Privette, J.L., Moore, B., III, Emery, W.J., Sulzman, E.W., Hudak, A.T. Extracting ecological and biophysical information from AVHRR optical data: an integrated algorithm based on inverse modeling 18951
Bratby, P.A.W. *see* Rippon, J.P. 9038
Bratfalean, R., Ewart, P. The dependence of broadband four-wave mixing signal intensity on the length of the interaction region 14361
Bratherton, J.R., Pollard, R.D., Iezekiel, S., Thornton, M.J. Lowpass filters using series stubs 11669
Brathwaite, G. *see* Hoffman, P. 20912
Brathwaite, P.A., Chandran, K.B., McPherson, D.D., Dove, E.L. Lumen detection in human IVUS images using region-growing 28301
Bratin, P., Chalyt, G., Pavlov, M., Gluzman, R. Control of tin and tin/lead electroplating solutions by cyclic voltammetric stripping 829
Bratin, P., Pavlov, M., Chalyt, G., Gluzman, R., Prack, E.R., Carpenter, B. Determination of type and thickness of oxides using sequential electrochemical reduction analysis 1836
Bratin, P. *see* Hillman, D. 22063
Bratina, G., Ozzello, T., Franciosi, A. Chemical bonding and electronic properties of Se-rich ZnSe-GaAs(001) interfaces 12256
Bratina, G., Ozzello, T., Franciosi, A. Interfacial chemical bonds, reactions, and band alignment in ZnSe/GaAs(001) heterojunctions 54158
Bratina, J. Search for the optimum operation of electric arc furnace 20263
Bratman, V.L., Manuilov, V.N., Samsonov, S.V. Generation of an electron beam with small cyclotron pulsations for free-electron masers 3674
Bratoeva, M. *see* Atanassov, N. 52839
Bratov, A., Abramova, N., Munoz, J., Dominguez, C., Alegret, S., Batroli, J. Optimization of photocurable polyurethane membrane composition for ammonium ion sensor 48458
Bratov, V. *see* Bushehri, E. 22930
Bratsos, A.G., Twizell, E.H. The solution of the Sine-Gordon equation using the method of lines 611
Brattoli, M., Tasca, R., Tomasini, A., Chioffi, E., Gerna, D., Pasotti, M. A vision-based off-road alert system 25769
Bratton, J. *see* Dinan, J.H. 36671
Brau, J. *see* Abe, K. 59233
Brauchle, C. *see* Boldt, P. 24182
Brauchle, C. *see* Meerholz, K. 24231
Brauchler, F. *see* Ponchak, G.E. 53645
Braud, F. *see* Gravier, T. 43351
Braud, F. *see* Labiadh, A. 42645
Braud, F. *see* Save, D. 42725
Braud, P., Dhome, M., Lapreste, J.-T., Peuchot, B. Recognition, pose and tracking of polyhedral objects by multi-ocular vision 46293
Brauer, A. *see* Gabler, T. 43878
Brauer, A. *see* Gabler, Th. 55237
Brauer, A. *see* Gehler, J. 44015
Brauer, A. *see* Waldausl, R. 44034
Brauer, G. *see* Anwand, W. 54274
Brauer, G. *see* Pacaud, Y. 31884
Brauer, J.R., DeFord, J.F., Wallen, P. 3-D electromagnetic finite element analysis as an integral part of the board design process 31580
Brauer, J.R., Lee, S.H., Chen, Q.M. Adaptive time-stepping in nonlinear transient electromagnetic finite element analysis 44965
Brauer, J.R., Wallen, P. Coupled 3D electromagnetic, structural, and thermal finite element analysis as integral components of electronic product design 30133
Brauer, J.R. *see* Arkadan, A.-R.A. 51387
Brauer, J.R. *see* Nakamoto, E. 44997
Brauer, M. *see* Schmidt, M. 2237
Brauer, S. *see* Clevenger, L.A. 31793
Brault, P. *see* Gaillard, F. 52812
Braum, R.M. *see* van de Groenendaal, J.G. 16533
Braumann, H. *see* Schlott, M. 27020
Braumann, P. *see* Weise, W. 11790
Braun, A., Liu, X., Mourou, G., Kopf, D., Keller, U. Diode-pumped Nd:glass kHz regenerative amplifier for subpicosecond microjoule level pulse 3804
Braun, A. *see* Kane, S. 3953
Braun, A. *see* Liu, X. 4093
Braun, A. *(editor)* 1996 Conference on Precision Electromagnetic Measurements Digest (Cat. No.96CH35956) 9831
Braun, B., Kartner, F.X., Keller, U., Meyn, J.-P., Huber, G. Passively Q-switched 180-ps Nd:LSB microchip laser 3800
Braun, B., Kartner, F.X., Zhang, G., Moser, M., Keller, U. 56-ps passively Q-switched diode-pumped microchip laser 55569
Braun, B. *see* Kartner, F.X. 3781
Braun, B. *see* Keller, U. 55904
Braun, C. *see* Dvorak, J. 50647
Braun, C. *see* Hodges, B. 50648
Braun, C. *see* Kunyan Liu 5976
Braun, C. *see* Qingyang Hu 5718
Braun, C.C. *see* Boston, B.N. 59936
Braun, C.G. Transforming the way we teach laboratories: a student data acquisition system 20586
Braun, D., Lukaszewski, R., Pixler, D., Skibinski, G. Use of a co-axial CT and planar bus to improve IGBT device characterization 31100
Braun, D., Rodnunsky, L., Steen, M., Koval, D. Harmonic and electrical characteristics of fluorescent ballasts 20215
Braun, D. *see* Glinkowski, M.T. 38896
Braun, D.M. The evolution of shielded twisted pair cabling systems 47512
Braun, H. Recent results of the CLIC Test Facility 17985
Braun, H. *see* Lai, L.L. 60889
Braun, H. *see* Schafer, J. 25730
Braun, J.-M., Densley, J., McNabb, S., Peralta, S., Younsi, A. Optical techniques to evaluate shield/insulation interfaces in XLPE cables 19337
Braun, J.-M. *see* Kabir, F. 19354
Braun, J.M. *see* Lopez-Roldan, J. 43527
Braun, M., Friedrich, J., Grun, T., Lembert, J. Parallel CRC computation in FPGAs 11421
Braun, M. *see* Ardekani, B.A. 8006
Braun, M. *see* Khvorostov, P.V. 15971
Braun, M. *see* Narita, Y. 8005
Braun, R.P., Kaiser, R., Rohde, D., Stenzel, R., Trommer, D., Heidrich, H., Grosskopf, G. Optical microwave generation and transmission experiments using a monolithically integrated tunable optical signal source 26834
Braun, T., Diot, C. Automated code generation for integrated layer processing 5863
Braun, T., Schiller, J., Schmidt, C., Zitterbart, M. Design of a modular and efficient communication subsystem 46752
Braun, V., Janssen, A.J.E.M. On the low-frequency suppression performance of DC-free runlength-limited modulation codes 14851
Braun, V. *see* Steffen, B. 35794
Braun, W. *see* Langbein, W. 2214
Braunger, D., Durr, Th., Hariskos, D., Koble, Ch., Walter, Th., Wieser, N., Schock, H.W. Improved open circuit voltage in $CuInS_2$-based solar cells 39119
Braunger, D., Oberacker, T.A., Schock, H.W. Flux-enhanced growth of multi-source physical vapor deposited $SrGa_2S_4$:Ce,Cl electroluminescent thin films 10881
Braunger, D. *see* Friedlmeier, T.M. 39076
Brauninger, H. *see* Owens, A. 18148
Braunlich, R. Dielectric resistance of polluted insulators: the sliding arc as a key mechanism in breakdown of extraneous coatings on high-voltage insulators 19376
Braunmuhl, C.B. *see* Endres, H.-H. 36762
Braunmuhl, C.Bosch-von *see* Bosch-von Braunmuhl, C.
Braunovic, M. *see* Labrecque, C. 11838
Braunovic, M. *see* Trudeau, M.L. 11841
Braunschweig, W., Chu, Z.H., Karpinski, W., Kubicki, T., Lubelsmeyer, K., Rente, C., Syben, O., Tenbusch, F., Toporowsky, M., Wittmer, B., Xiao, W.J. Time structure of charge signals and noise studies of GaAs detectors irradiated by neutrons and protons 7808
Braunstein, D. Countering the flight of jobs to offshore locations through productivity improvements [IC manufacture] 52153
Braunstein, J. *see* Pereiaslavets, B. 13033
Braunstein, S.L., Smolin, J.A. Perfect quantum-error-correction coding in 24 laser pulses 34583
Brause, R. Implementing the SCAN language by neural networks 17038
Brautigam, C.G., Garding, J., Eklundh, J.-O. Seeing the obvious [robot vision] 5053
Brautti, G. *see* Boggia, A. 49136
Bravaix, A., Vuillaume, D., Goguenheim, D., Lassarre, V., Haoad, M. Competing AC hot-carrier degradation mechanisms in surface-channel p-MOSFETs during pass transistor operation 43102
Bravenec, L.D. *see* Shirrell, C.D. 1831
Braver, S. Integrated digital substation protection and control systems 60952
Bravi, E. *see* Betti, S. 6731
Bravi, E. *see* Betti, S. 26705
Bravi, E. *see* Betti, S. 26710
Bravin, A. *see* Arfelli, F. 37666
Bravin, A. *see* Arfelli, F. 49329
Bravin, A. *see* Arfelli, F. 59555
Bravman, J.C. *see* Haddara, Y.M. 41986
Bravman, J.C. *see* Pease, R.F. 32244
Bravman, J.C. *see* Vinci, R.P. 42785
Bravo, R., Passariello, G., Mora, F., Mendoza, L., Lander, P. Classification of normal and His bundle branch block subjects in Chagas myocarditis using P-R segment features analysis 59650
Bravy, B.G., Vasiliev, G.K., Kiriyanov, V.I., Makarov, E.F., Chernyshev, Yu.A. Pulsed chemical hydrogen fluoride lasers: problems, developments, and applications 44363
Brawn, I., Carney, R., Conners, A., Edwards, J., Eisenhandlez, E., Garvey, J., Cee, C.N.P., Gillman, A.R., Hanke, P., Hatley, R., Hillier, S., Kluge, E.E., Landon, M., Leake, J., Lewis, G., Mass, A., Meier, K., Pentney, J.M., Perera, V.J., Pfeiffer, U., Rees, P., Shah, T.P., Staley, R., Watson, A. A flexible demonstrator system for the ATLAS level-1 calorimeter trigger 59325
Brawner, D.A., Kaufmann, E., Ott, H.R. Explanation of the zero bias anomaly in the tunnelling characteristics of single crystal $Bi_2Sr_2CaCu_2O_8$ with intrinsic Josephson tunnelling 43826
Bray, A., Barbato, G., Franceschini, F., Xhomo, E. Rotational and end effects: a model for uncertainty evaluation in force measurements by means of dynamometers 7597
Bray, J.A. A modeling toolset for the analysis and design of OSI network management objects 5989
Bray, K.L. *see* Huang, J.W. 2316
Bray, K.L. *see* Ryan, J.M. 22260
Bray, M., Roussel, A. Using first principles in the specifying of optics for large high power lasers (I). Application to the MegaJoule laser (LMJ) 3955
Bray, S.L. *see* Ekin, J.W. 55105
Braye, G., Froidure, J.-C., Blondel, M. Impact of clipping distortions on hybrid AM-VSB/16 QAM CATV systems 7076
Brayton, R.K. *see* Fujita, M. 11288
Brayton, R.K. *see* Jain, J. 30508
Brayton, R.K. *see* Qadeer, S. 1249
Brayton, R.K. *see* Ranjan, R.K. 1054
Brayton, R.K. *see* Shiple, T.R. 11287
Brayton, R.K. *see* Singhal, V. 11364

Braz, O. *see* Pereyaslavets, M. 41786
Brazel, E.G., Chin, M.A., Narayanamurti, V., Kapolnek, D., Tarsa, E.J., DenBaars, S.P. Ballistic electron emission microscopy study of transport in GaN thin films 22255
Brazhkin, B.S., Karamysher, V.A., Kudinov, A.A., Mirotvorskil, V.S., Pilyugin, P.G., Prikazchikov, K.A., Taratorin, Yu.I. Automated coordinate measuring machine for measuring deviations from roundness and the diameter of bodies of revolution 17212
Brazhkin, V.V. *see* Lyapin, A.G. 22208
Brazhkin, V.V. *see* Sapelkin, A.V. 22274
Brazhkin, V.V. *see* Sapelkin, A.V. 42005
Brazhnik, Y. *see* Toth, G. 31444
Brazhnikov, A.E. *see* Evtikhiev, N.N. 6955
Brazil, T.J. EDGE: Europe's new ESPRIT project in high-frequency CAD 53695
Brazio, J.M. *see* Silva, N.S. 47729
Brazis, R., Safonova, L., Narkowicz, R. Infrared excitations in semiconductor layered periodic structures in transverse magnetic field 42055
Brazon, V. *see* Hernandez, L. 11195
Brdys, M.A., Sim, W.L. Fuzzy logic supervision of adaptive generalized predictive control of induction motor 60742
Breaban, F., Deffontaine, A., Bridoux, M., Depret, D. Joulemeter for pulsed ruby laser 7327
Breakall, J.K., Solis, R.A.R. A new design method for low sidelobe level log-periodic dipole antennas 24594
Breakall, J.K. *see* Lysiak, K.A. 34040
Breaker, L.C. *see* Krasnopolsky, V.M. 8449
Breakiron, L.A., Koppang, P. Frequency steering of hydrogen masers 23722
Breant, F. *see* Ellis, S.R. 17620
Breant, F. *see* Ellis, S.R. 48780
Breaux, L., Kolar, D. Automatic defect classification for effective yield management 10200
Brebner, G., Gray, J. Use of reconfigurability in variable-length code detection at video rates 16216
Brebner, J.L. *see* Yip, R.Y.-F. 33115
Brebrick, R.F. *see* Su Chinghua 10652
Breburda, C.S. *see* Chandra, S. 49527
Brech, H. *see* Simlinger, T. 54703
Brechbuhler, C., Gerig, G., Szekely, G. Compensation of spatial inhomogeneity in MRI based on a parametric bias estimate 18381
Brechbuhler, C. *see* Fua, P. 46414
Brecher, C. *see* Moszynski, M. 33251
Brecher, V.H. *see* Chou, P.B. 39876
Brechna, H. Insulating and cooling media for power transformers 19798
Brecht, A., Kraus, G., Gauglitz, G. Optical sensors for environmental monitoring and basic research in bioanalytics 7461
Breck, G. *see* Zhang, Y. 22073
Breckner, W.W., Gopfert, A. Multiplier rules for weak Pareto optimization problems 10340
Bredas, J.L. *see* Cacialli, F. 13872
Bredemann, M., Elliott, G. Block adaptive filtering with application to real-time broadband RF spectral whitening 4814
Bredereke, J. Detection of feature interactions in intelligent networks by verification 6286
Bredereke, J., Gotzhein, R. Specification, detection and resolution of IN feature interactions with Estelle 16086
Bredereke, J. *see* Gotzhein, R. *(editor)* 20415
Bredeson, J. *see* Mashburn, B. 20680
Bredeson, J.G. *see* Haskew, T.A. 19762
Bredikhin, S.V. *see* Belov, S.D. 16246
Bredow, J.W. *see* Nadimi, S.A. 1699
Bree, H.-E.de *see* de Bree, H.-E.
Breed, G.A. A simple one-chip comb generator 31134
Breekweg, M.R.B., Gruber, P. Modelling the energy consumption of buildings by means of neural networks 61108
Breemen, J.van *see* van Breemen, J.
Breen, C. *see* Ahmad, S.S. 20938
Breen, E.J., Jones, R. Attribute openings, thinnings, and granulometries 374
Breen, J.F. *see* Debbins, J.P. 7988
Breen, J.F. *see* Yi Wang 7986
Breen, M.M. *see* Batey, D.L. 30101
Breen, T. *see* Marshall, C. 17487
Breen, T.B., Kliman, G.B., Patel, S.C. New developments in noninvasive on-line motor diagnostics 50890
Breen, T.B. *see* Kliman, G.B. 29245
Breen, W.F. *see* Nowlan, M.J. 39181
Breese, M.B.H. A review of ion beam induced charge microscopy for integrated circuit analysis 30151
Breeze, P. *see* Halliday, D.M. 49630
Breeze, S.F. *see* Spielman, R.B. 37566
Bregadze, A.Yu. *see* Guseva, M.B. 40609
Bregant, G. *see* Herzog, U. 26313
Bregler, C. *see* Malik, J. 57316
Breglio, G., Casavola, R., Cutolo, A., Spirito, P. The bipolar mode field effect transistor (BMFET) as an optically controlled switch: numerical and experimental results 3594
Brehm, C. *see* Gagnaire, H. 3392
Brehm, C. *see* Nouchi, P. 13598
Brehme, S. *see* Henrion, W. 12319
Brehmer, D.E., Ibbetson, J.P., Kai Zhang, Petukhov, A.G., Schwarz, C.J., Chau, S.-P., Allen, S.J., Palmstrom, C.J., Zhang, J.P., Wilkens, B. Resonant tunneling through (Al,Ga)As/ErAs/(Al,Ga)As, semi-metal quantum wells 12875
Brehmer, L. *see* Knobloch, H. 23596
Brehmer, L. *see* Nordmann, I. 52858
Brei, D., Ervin, J.D., Moskalik, A.J. Deflection-voltage performance of asymmetrically activated piezoelectric C-block actuators 3010
Brei, D., Moskalik, A.J. Deflection performance of a bi-directional distributed polymeric piezoelectric micromotor 51057
Breide, S. *see* Gross, B. 57720
Breidenbach, M., Decker, F.-J., Helm, R., Hertzbach, S., Napoly, O., Phinney, N., Raimondi, P., Raubenheimer, T.O., Siemann, R., Zimmermann, F. SLC-2000: a luminosity upgrade for the SLC 37151
Breidenbach, M. *see* Abe, K. 59233
Breiki, G., Kanat, I., Taymaz, A., Karaman, A., Ozturk, F. Monte Carlo simulation of microdosimetric parameters for fast neutrons 37931
Breikin, T.V. *see* Kulikov, G.G. 49868
Breikin, T.V. *see* Patel, V.C. 8275
Breiland, J. *see* Corda, J. 51431
Breiland, W.G. *see* Chui, H.C. 52786
Breinbjerg, O. *see* Andersen, L.S. 33946
Breiner Kristensen, E. Gas fired diesel CHP clears the air at Decin 9119
Breipohl, A.M. *see* Douglas, A.P. 28852
Breipohl, A.M. *see* Jia-Yo Chiang 28836
Breipohl, A.M. *see* Jia-Yo Chiang 28853
Breipohl, A.M. *see* Jianming Chen 28837
Breipohl, A.M. *see* Zuwei Yu 19102
Breit, H. *see* Bamler, R. 27018
Breitenbauch, B. *see* Kachler, A.J. 9297
Breitenborn, J. *see* Evertsz, C.J.G. 49449
Breitenstein, O., Iwig, K., Konovalov, I. Identification of factors reducing Voc in MC silicon solar cells 39203
Breiter, F. *see* Schill, A. 5876
Breiter, F. *see* Schill, A. 16244
Breiter, M.W. *see* Fafilek, G. 36960
Breitfelder, S. *see* Burkle, R. 13709
Breithardt, G. *see* Reinhardt, L. 49705
Breithardt, G. *see* Sierra, G. 59730
Breitkopf, T. *see* O'Donnell, K.P. 44223
Breitlow, C. *see* Svoboda, P. 42054
Breitmeier, U., Hausler, G. Dimensional measurement of micro mechanical components with HAR 54829
Breitzke, M., Grobe, H., Kuhn, G., Muller, P. Full waveform ultrasonic transmission seismograms: a fast new method for the determination of physical and sedimentological parameters of marine sediment cores 18811
Breivik, O. *see* Andreassen, R. 46890
Breker, L.P., Williamson, C.L. A simulation study of usage-based pricing strategies for packet-switched networks 57820
Brekkan, A. *see* Palsson, T. 28285
Bremensdorfer, R., Marcus, S., Nenyei, Z. Pattern related non-uniformities during rapid thermal processing 22499
Bremer, G., Ko, K.D. Simultaneous voice and data on the general switched telephone network using framed QADM 26053
Bremer, J., Hoffmann, P., Manson, A.H., Meek, C.E., Ruster, R., Singer, W. PMSE observations at three different frequencies in northern Europe during summer 1994 56055
Bremner, D. *see* Avis, D. 445
Bremner, J.J. *see* Hammons, T.J. 60353
Bremond, G., Souifi, A., Warren, P., Dutartre, D. Photoluminescence of high quality relaxed $Si_{1-x}Ge_x$ layers grown on Si by RTCVD 12148
Bremond, G. *see* de Barros, O. 2599
Bremond, M., Buquen, P., Joly, J., Lambert, D., Tyler, S. CHIPPAC–interconnect technology development in Europe. A European collaborative project within ESPRIT 10079
Bremont, J. *see* Honig, J. 46509
Bremont, J. *see* Honig, J. 56970
Bremser, M.D., Ferry, W.G., Edwards, N.V., Zheleva, T., Parikh, N., Aspnes, D.E., Davis, R.F. Growth and doping of $Al_xGa_{1-x}N$ deposited directly on α(6H)-SiC(0001) substrates via organometallic vapor phase epitaxy 21270
Bremser, M.D. *see* Benjamin, M.C. 780
Bremser, M.D. *see* Davis, R.F. 21248
Bremser, M.D. *see* Davis, R.F. 30828
Bremser, M.D. *see* Edwards, N.V. 41982
Bremser, M.D. *see* Gillis, H.P. 54460
Bremser, M.D. *see* King, S.W. 12781
Bremser, M.D. *see* Perry, W.G. 54090
Bremser, M.D. *see* Smith, L.L. 12542
Brenchley, I. Integrating ultrasonic data into a computerised inspection management system 48365
Brenci, M., Mencaglia, A., Mignani, A.G., Pieraccini, M. Coherent fiber optic backscattering system for photon correlation spectroscopy 36628
Brendel, R., Bergmann, R.B., Lolgen, P., Wolf, M., Werner, J.H. Ultrathin crystalline silicon solar cells on glass substrates 29639
Brendel, R., Claudel, G., Baviere, P. Sensitivity of inductances to magnetic fields 27833
Brendel, R. *see* Bergmann, R.B. 39084
Brendel, R. *see* Bergmann, R.B. 40589
Brendel, R. *see* Ratier, N. 32757
Brendel, R. *see* Rau, U. 39207
Brendler, A. *see* Berger, K. 20887
Brener, D., Petermann, K. Feasibility of 40 Gbit/s single-channel transmission over embedded standard fiber 47927
Brener, I., Dykaar, D., Frommer, A., Pfeiffer, L., West, K. Terahertz emission from electric field singularities in biased semiconductors 2224
Brener, I., Dykaar, D., Frommer, A., Pfeiffer, L.N., Lopata, J., Wynn, J., West, K., Nuss, M.C. Terahertz emission from electric field singularities in biased semiconductors 11677
Brener, I. *see* Hellman, E.S. 21251
Brener, I. *see* Wiesmann, D. 14096
Brenier, A., Jurdyc, A.M. Looping mechanism and sequential two-photon absorption up-conversion: a comparison in $YAlO_3:Er^{3+}$ crystal 4079
Brenier, A. *see* Foulon, G. 14359
Brenier, A. *see* Foulon, G. 33032
Brenn, R. *see* Bruckner, J. 48678
Brenn, R. *see* Samlenski, R. 41881
Brennan, A. *see* Maltby, C.A. 29861
Brennan, C., Cullen, P. The use of integral equations in mobile radio planning 47811
Brennan, J. *see* Hossain-Pas, S. 30097
Brennan, J. *see* Pas, M.F. 42446
Brennan, K. *see* Dixit, G.A. 2442
Brennan, K. *see* Krisa, W.L. 2508
Brennan, K. *see* Krishnan, S. 43031
Brennan, K.F. *see* Ilgu Yun 44253
Brennan, K.F. *see* Kolnik, J. 12267
Brennan, K.F. *see* Parks, J.W. 13844
Brennan, K.F. *see* Smith, A.W. 2565
Brennan, M.G. Ethics and technology 18166
Brennan, P. *see* Bullock, R.J. 58474
Brennan, S. *see* Freund, A.K. 37068
Brennan, T.J. *see* Macauley, M.K. 18919
Brennan, T.M. *see* Chui, H.C. 52786
Brennan, T.M. *see* Fritz, I.J. 42188
Brennen, R.A. *see* Bonivert, W.D. 21327
Brenner, A. Cells with sodium hypochlorite or chlorite and anodes of magnesium or aluminum 19959
Brenner, A., Uttrich, R., Weingartner, S. The state of development and market potential of an H_2/O_2 steam generator for primary control 60546
Brenner, A.R., Eck, K., Engelhard, G., Noll, T.G. Phase aberration correction using dynamic time warping 28116
Brenner, J.B. Network computing with remote Windows 57932
Brenner, M. Integrated GPS/inertial fault detection availability 18745
Brenner, M. *see* Fishkin, J.B. 37655
Brenner, R. The upgrade of the vertex detector to form the central part of the silicon tracker in DELPHI 59227
Brenner, T. *see* Koren, U. 44483
Brenschede, A. *see* Schicker, R. 18140
Brentano, P.von *see* von Brentano, P.
Breon, F.-M., Vanderbilt, V., Leroy, M., Bicheron, P., Walthall, C.L., Kalshoven, J.E. Evidence of hot spot directional signature from airborne POLDER measurements 50032
Breovic, R. *see* Petrinovic, D. 59000
Brescacin, E. *see* Bandoli, G. 30921
Bresesti, L. *see* Camensig, C. 51417
Breskin, A., Chechik, R., Frumkin, I. On the atmospheric pressure operation of secondary electron emission gaseous X-ray imaging detectors 18145
Breskin, A. *see* Buzulutskov, A. 31682
Bresler, M.S. *see* Gusev, O.B. 22203
Bresler, Y. Bounds on the aliasing error in multidimensional Shannon sampling 25080
Bresler, Y., Ping Feng Spectrum-blind minimum-rate sampling and reconstruction of 2-D multiband signals 56515
Bresler, Y. *see* Couvreur, C. 25112
Bresler, Y. *see* Harikumar, G. 15287
Bresler, Y. *see* Ping Feng 15391
Bresler, Y. *see* Sze Fong Yau 4643
Bresler, Y. *see* Willis, N.P. 25084
Bresler, Y. *see* Willis, N.P. 25085
Breslin, J.A. *see* Underwood, I. 33148
Breslin, J.G., Hurley, W.G. A novel optimisation scheme for designing high frequency transformer windings 11782
Bresloff, C.J. *see* Takacs, P.Z. 36889
Bresnahan, K., Zelaya De La Parra, H., Evans, P.D. Analysis of rotor flux reference frame by partition of its control structure 60736
Bresnahan, K. *see* Teodorescu, R. 53028
Bressan, M. *see* Arcioni, P. 11654
Bressan, M. *see* Arcioni, P. 40245
Bressan, M. *see* Bortolan, G. 49684
Bressani, T. *see* Agnello, M. 37458
Bresse, J.F. A new analytical model for cathodoluminescence emission as a function of the beam energy in GaAs and InP materials 31821
Bressers, P.M.M.C. *see* Hylton, J.D. 51562
Bressler, P.R. *see* Heske, C. 42424
Bressler-Hill, V. *see* Varma, S. 30809
Bret-Dibat, T. *see* Hagolle, O. 18840
Bretan, I., Eklund, R., MacDermid, C. Approaches to gathering realistic training data for speech translation systems 49954
Bretecher, Y. A multi-function switch centered on the IN 47293
Bretenaker, F. *see* Brunel, M. 55570

Bretenaker, F. *see* Brunel, M. 55575
Breternitz, M., Manikonda, A., Ommerman, M., Su, W., Thornton, A. Design tradeoffs and experience with Motorola PowerPC migration tools 1463
Bretherton, R.D. SCOOT: current developments 58650
Breton, G. *see* Mathet, V. 10703
Breton, J.M.Le *see* Le Breton, J.M.
Breton, P.Le *see* Le Breton, P.
Bretones, A.R., Tijhuis, A.G. Transient excitation of two coupled wires over an interface between two dielectric half spaces 34271
Bretskih, A.F. *see* Perskii, N.E. 22133
Brett, M.J. *see* Gui, X. 45275
Brett, M.J. *see* Shafai, C. 10105
Brett, M.J. *see* Sheergar, M.K. 54520
Brette, M. *see* Bach, P. 8599
Brette, S., Idier, J. Optimized single site update algorithms for image deblurring 57495
Bretthauer, J.W., Davis, R.A. A PC-based data acquisition and compact disc recording system [for telemetry data distribution] 17223
Bretto, A., Cherifi, H. A noise cancellation algorithm based on hypergraph modeling 46348
Bretto, A., Cherifi, H., Laget, B. Combinatoric digital geometry and image processing 5012
Bretz, N.L. *see* Jobes, F.C. 36664
Breuckmann, B. *see* Ritter, R. 7611
Breuer, D., Petermann, K. Upgrading strategies for 40 Gbit/s single-channel transmission within the embedded standard fibre network 6858
Breuer, D., Petermann, K. Comparison of NRZ- and RZ-modulation format for 40-Gb/s TDM standard-fiber systems 36136
Breuer, D. *see* Ludwig, R. 26782
Breuer, D. *see* Obermann, K. 33544
Breuer, D. *see* Obermann, K. 48021
Breuer, K.D. *see* Padmanabhan, A. 17345
Breuer, M. *see* Wechsler, K. 26204
Breuer, M.A., Gupta, S.K. Process aggravated noise (PAN): new validation and test problems 32551
Breuer, S.J. *see* Ashwin, M.J. 758
Breuer, U. *see* Handels, H. 18224
Breuer, V. *see* Umbach, A. 3650
Breugnot, S., Defour, M., Huignard, J.P. Compact eye-safe photorefractive coherent receiver for vibration analysis 21397
Breugnot, S., Defour, M., Huignard, J.P. Photorefractive two-wave mixing: complex amplitudes solutions in the case of a weak signal beam 24108
Breuil, N. *see* Armengaud, L. 48529
Breun, R.A. *see* Hershkowitz, N. 12723
Breunsbach, R. New developments in simplified, low cost semi-aqueous emulsion cleaning technology 41684
Brevard, L.C. PCB/MCM extensions for a CFI/EDIF 4 0 0 aligned model 31576
Breveglieri, L., Dadda, L. A VLSI inner product macrocell 21737
Breveglieri, L. *see* Antola, A. 37519
Breviario, F. *see* Pietralunga, S. 16699
Brewe, D.L. *see* Heald, S.M. 37549
Brewen, A. *see* Yung-Chieh Hsieh 32997
Brewer, E. *see* Goldberg, I. 47164
Brewer, E.A. *see* Fox, A. 6072
Brewer, F. *see* Vittal, A. 11107
Brewer, J.C., Jackson, L.G., Lurie, C., Foroozan, S. Real-time mission simulation test for AXAF-I 18721
Brewer, J.C. *see* Lurie, C. 18722
Brewer, J.S., Jr. Truly personal, low-cost communications via broadcast FM subcarrier 47612
Brewer, P.D. *see* Rajavel, R.D. 711
Brews, J.R. Sensitivity of subthreshold current to profile variations in long-channel MOSFETs 12915
Brews, J.R. *see* Allenspach, M. 8240
Brews, J.R. *see* Allenspach, M. 22866
Brews, J.R. *see* Simunic, T. 2777
Brews, J.R. *see* Titus, J.L. 22868
Brews, J.R. *see* Witczak, S.C. 22842
Brews, J.R. *see* Yaochao Yang 24507
Brewster, A.D. *see* Pai, P.K.D. 3207
Brewster, M.E., Fann, G.I. Wavelets for electronics structure calculations 25075
Brey, W.W. *see* Wong, W.H. 55135
Breyer, B. *see* Ferek-Petric, B. 37879
Breyer, B. *see* Vrtar, M. 37858
Breyer, H., Filipcic, L. Statistical analysis of proxy.srce.hr server 35751
Breymesser, A. *see* Schindler, R. 39214
Brez, A. *see* Angelini, F. 37362
Brez, A. *see* Bellazzini, R. 37434
Brezeanu, G., Fernandez, J., Millan, J., Rebollo, J., Badila, M., Dilimot, G., Lungu, P. MEDICI simulation of 6H-SiC oxide ramp profile (ORP) Schottky structure 42937
Brezeanu, G. *see* Badila, M. 43252
Brezeanu, G. *see* Morvan, E. 42417
Brezger, B. *see* Drodofsky, U. 42860
Brezhnev, V.N., Tupikov, V.S. Original instrumentation for a new method of surface investigation 43598
Brezina, M. *see* Mandel, J. 10553
Brezinski, C. Projection methods for linear systems 30556
Brezinski, C., Zaglia, M.R. Vector and matrix sequence transformations based on biorthogonality 593
Brezzo, B. *see* Widmer, A.X. 26425
Briancon, C. *see* Vylov, T. 7833
Briand, A. *see* Costes, J.R. 50740
Briand, D., Sarret, M., Mohammed-Brahim, T., Mottet, S., Bonnaud, O. Realization of power polysilicon diodes on indium-tin-oxide substrates for holographic commutation matrix 12885
Briand, D. *see* Chane-Che-Lai, F. 3620
Briand, D. *see* Le Bihan, F. 12197
Briand, D. *see* Mohammed-Brahim, T. 52806
Briand, P. *see* Gammino, S. 7776
Briant, C. *see* Beresford, R. 21252
Brianti, F. *see* Cho, T.B. 6600
Briar, J., Bond, B., Freyman, B., Hundt, M., Motta, V. Thermal characterization of a multi layer 313 plastic ball grid array device 20922
Bricard, A. *see* Meysenc, L. 31087
Bricard, P. *see* Doyle, D. 6814
Bricault, P. *see* Laxdal, R.E. 49101
Bricault, P.G., Baartman, R., Dutto, G., Koscielniak, S., Laxdal, R.E., Poirier, R., Root, L., Schmor, P.W., Stanford, G. ISAC: Radioactive ion beams facility at TRIUMF 49093
Bricault, P.G. *see* Poirier, R.L. 49095
Bricault, R. *see* Karimy, H. 10889
Bricconi, A. *see* Bertone, D. 52658
Briceno, D.Gomez *see* Gomez Briceno, D.
Briceno, J.Hildemaro *see* Hildemaro Briceno, J.
Briceno Mendez, J.H. *see* Brandao Faria, J.A. 38386
Brichet, F., Roberts, J., Simonian, A., Veitch, D. Heavy traffic analysis of a storage model with long range dependent on/off sources 52413
Bricker, C. *see* Tjoelker, R.L. 27324
Brickhouse, R.A. *see* Rappaport, T.S. 47576
Brickman, B.J. *see* Hettinger, L.J. 59935
Brickner, B., Jaekyun Moon Architectures for the implementation of a fixed delay tree search detector 43698
Bricquir, S.Le *see* Le Bricquir, S.
Brida, G., Cordara, F., Pettiti, V., Godone, A. One-way frequency and time transfer in the frame of the INTELSAT two-way experiment 36935
Briddon, P.R. *see* Ashwin, M.J. 758
Bridger, B., Jr. Comparison of ANSI/IEEE and IEC requirements for metal-clad switchgear 38905
Bridger, B., Jr., Burse, T.A. Operation of ground sensor relays under conditions of partial CT saturation 38427
Bridger, K., Caldwell, P., Kuhn, P., Winzer, S. High-resolution medical ultrasound arrays using smart materials technology 18301
Bridger, K., Jones, L., Poppe, F., Brown, S., Winzer, S. High-force, cofired multilayer actuators 13344
Bridger, K. *see* Winzer, S.R. 19030
Bridges, J. *see* Dickens, J.C. 51254
Bridgett, S.J. *see* Armstrong, C.G. 10564
Bridoux, M. *see* Breaban, F. 7327
Brie, D., Tomczak, M., Oehlmann, H., Richard, A. Gear crack detection by adaptive amplitude and phase demodulation 52875
Brie, M., Turcu, R., Neamtu, C., Pruneanu, S. The effect of initial conductivity and doping anions on gas sensitivity of conducting polypyrrole films to NH_3 48713
Briel, R.von *see* von Briel, R.
Brieland, W.G. *see* Hou, H.Q. 14175
Briem, U. *see* Spath, J. 47494
Brien, J.P. *see* Webber, L.M. 6022
Brienza, D.M., Karg, P.E., Brubaker, C.E. Seat cushion design for elderly wheelchair users based on minimization of soft tissue deformation using stiffness and pressure measurements 18556
Brierley, P.R. *see* Carpio, R.A. 42571
Brietenbach, A. A closer look at analog-to-digital converter spectra 1531
Briggs, A., Kolosov, O. Acoustic microscopy for imaging and characterization 31024
Briggs, D.A., Redfern, M.A. The dynamics of embedded generation connected to an electricity utility supply network 19304
Briggs, G. Sensors keep pace with motion control needs 27499
Briggs, J.M. *see* Haiping Su 8412
Briggs, K.B. *see* Jackson, D.R. 18761
Briggs, R.D., Howard, A.J., Baca, A.G., Hafich, M.J., Vawter, G.A. A study of p-type ohmic contacts to InAlAs/InGaAs heterostructures 42287
Briggs, R.D. *see* Constantine, C. 22593
Briggs, R.D. *see* Fritz, I.J. 33122
Briggs, R.D. *see* Seigal, P.K. 42286
Briggs, W.L., Henson, V.E. A table of analytical discrete Fourier transforms 392
Brigham, M., Corbett, J.M. E-mail, power and the constitution of organisational reality 46989
Brighina, F. *see* Fierro, B. 49581
Bright, A. Student, faculty and liaison roles in the engineering clinic program at Harvey Mudd College 20714
Bright, D.S. *see* Levenson, M.S. 15928
Bright, E., Taylor, A. Test and burn-in sockets for high pin count PGA packages 39798
Bright, J. Electronic commerce: the new global marketplace 47027
Bright, J., McClelland, S., Shankar, B. Microwave in Europe trends shaping the future 21860
Bright, V.M., Comtois, J.H., Ried, J.R., Sene, D.E. Surface micromachined micro-opto-electro-mechanical systems 43358
Bright, V.M. *see* Kolesar, E.S., Jr. 41829
Bright, V.M. *see* Reid, J.R. 13404
Bright, V.M. *see* Reid, J.R. 44151
Bright, V.M. *see* Roggeman, M.C. 54853
Brightwell, G. *see* Bollobas, B. 30503
Brigida, C.Di *see* Di Brigida, C.
Brignell, J.E. The future of intelligent sensors: a problem of technology or ethics? 7308
Brignon, A. Anisotropic properties of pulsed four-wave mixing in Cr^{4+}:YAG saturable absorbers 3984
Brignon, A., Huignard, J.-P. Continuous-wave and pulsed phase conjugation in Nd:YVO_4 33686
Brignon, A., Huignard, J.-P., Garrett, M.H., Mnushkina, I. Self-pumped phase conjugation in rhodium-doped $BaTiO_3$ with 1.06-μm nanosecond pulses 44708
Brignon, A., Huignard, J.-P., Garrett, M.H., Mnushkina, I. Nd:YAG master-oscillator power amplifier with a rhodium-doped $BaTiO_3$ self-pumped phase-conjugate mirror 55562
Brignon, A., Sillard, P., Huignard, J.P. Vector phase conjugation in Cr^{4+}:YAG by four-wave mixing with linearly-polarized pump beams 14254
Brignon, A. *see* Sillard, P. 33595
Brigo, D. New results on the Gaussian projection filter with small observation noise 4751
Briguet, A. *see* Chaabane, L. 48467
Brihoum, M.E. *see* Ghandakly, A.A. 38747
Brik, M. *see* Ubar, R. 21617
Brika, D., Laneville, A. The power imparted by wind to a flexible circular cylinder in the wake of another stationary cylinder 38385
Brikou, A. *see* Bezerianos, A. 49632
Briksman, Ya.A., Karasev, S.I., Kovalenko, V.N., Skibinskii, V.A. Pul's thyristor-pulsed tractional electric drive for Moscow subway cars 20148
Briles, S. Evaluation of onboard hyperspectral image compression techniques for a parallel push-broom sensor 17516
Brill, A.B. *see* Mardirossian, G. 7967
Brill, B., Heiblum, M. Long-mean-free-path ballistic hot electrons in high-purity GaAs 31840
Brill, B. *see* Rauch, C. 32018
Brill, J. *see* Francisco, J. 61031
Brill, M.H. Retinal illuminance from luminance: an engineering model for the display industry 58943
Brille, C. *see* Jourdan, A. 26441
Brillert, C. *see* Niedernostheide, F.-J. 22906
Brilliant, N.A. *see* Wang, C.M. 33051
Brillon, C.L., Jr. *see* Ericson, M.N. 59314
Brillouet, F. *see* Salet, P. 23997
Brillson, L.J. *see* Yang, X. 54157
Brimberg, J., Mehrez, A. A note on the allocation of queuing facilities using a minisum criterion 30439
Brinck, D.J.B. *see* Paschotta, R. 33419
Brindel, P. *see* Bigo, S. 47959
Brindel, P. *see* Kolltveit, E. 16720
Brindle, J.H. Advanced helmet tracking technology developments for naval aviation 19005
Briner, B.G., Feenstra, R.M., Chin, T.P., Woodall, J.M. Growth and transport properties of thin Bi films on InP(110) 2256
Briner, B.G. *see* Goldman, R.S. 12430
Bringhurst, S., Iskander, M.F. FDTD analysis of dielectric properties measurements using open-ended coaxial probes 36849
Bringuier, E. High-field conduction in semi-insulating ZnS films 54083
Brini, J. *see* Dimitriadis, C.A. 32404
Brinicombe, A.M., Boyce, J.F., Durnell, L. Direction of regard determination 59898
Brink, A.van den *see* van den Brink, A.
Brink, D. *see* Baars, J. 1996
Brink, J.A. *see* Ge Wang 18376
Brink, M.Van den *see* Van den Brink, M.
Brink, P.L. *see* Cabrera, B. 37470
Brink, P.L. *see* Shutt, T. 37472
Brink, R.F.M.van den *see* van den Brink, R.F.M.
Brink, S.-A. Bofors Schnauzer–a biosensor for detection of explosives 8594
Brink, S.ten *see* ten Brink, S.
Brink, U., Carstensen, C., Stein, E. Symmetric coupling of boundary elements and Raviart-Thomas-type mixed finite elements in elastostatics 10578
Brinker, D. *see* Yamaguchi, M. 37975
Brinker, D.J. *see* Hoffman, R.W., Jr. 37977
Brinker, D.J. *see* Jenkins, P.P. 38009
Brinker, F., Hagestedt, A., Wendt, M. Precision alignment of BPMs with quadrupole magnets 49116
Brinkhuis, J. Introduction to duality in optimization theory 10350
Brinkman, E.A., Stalder, K.R., Jeffries, J.B. Electron densities and temperatures in a diamond-depositing direct-current arcjet plasma 30879
Brinkman, M.J., Romanovsky, A., Xiaofeng Shao, Field, S.J., Deacon, D.A.G., Bischel, W.K. Electro-optic switches in poled lithium niobate 13690
Brinkmann, K.-T. *see* Huebner, B. 37357
Brinkmann, R. Beam dynamics in linear colliders–what are the choices? 27992
Brinkmann, R., Wanzenberg, R., Drevlak, M. Improved beam stability with new parameter set for the S-band Linear Collider 49198
Brinkmann, R. *see* Baumann, I. 44059
Brinkmann, R. *see* Voss, G.A. 49202
Brinkop, S. *see* Ponater, M. 8220

Brinkworth, B.J. *see* Yang, H.X. 50834
Brinler, A.C.den *see* den Brinler, A.C.
Brinsfield, W. *see* Lindquist, R. 38583
Brinson, M.E., Faulkner, D.J. Measurement and analysis of BJT current mirror frequency response at low DC bias currents 53057
Brinton Cooper, A., Hughes, B.L. A class of nearly optimal multiuser codes: construction, performance, and application 34622
Brion, D. *see* Dieumegard, D. 53928
Brion, J.P.De *see* De Brion, J.P.
Briones, F. *see* Ferrer, J.C. 728
Briones, F. *see* Ferrer, J.C. 10752
Briones, F. *see* Utzmeier, T. 733
Briot, N. *see* Aigouy, L. 22359
Briot, N. *see* Gilliot, P. 22361
Briot, N. *see* Liaci, F. 22317
Briot, O., Alexis, J.P., Gil, B., Aulombard, R.I. Growth kinetics and structural quality in GaN epitaxy by low pressure MOVPE 21272
Briot, O., Alexis, J.P., Sanchez, S., Gil, B., Aulombard, R.L. Influence of the V/III molar ratio on the structural and electronic properties of MOVPE grown GaN 30839
Briot, O., Gil, B., Tchounkeu, M., Aulombard, R.L., Demangeot, F., Frandon, J., Renucci, M. MOVPE growth and optical properties of GaN deposited on c-plane sapphire 54092
Briot, O. *see* Aigouy, L. 22359
Briot, O. *see* Cloitre, T. 21241
Briot, O. *see* Gilliot, P. 22361
Briot, O. *see* Laire, O. 10710
Briot, O. *see* Liaci, F. 22317
Briot, R. *see* Claeyssen, F. 19781
Briot, R. *see* Lebrun, L. 51058
Briot, R. *see* Petit, L. 19780
Briozzo, C.B. *see* Chattah, A.K. 3297
Brischwein, M. *see* Ehret, R. 36720
Briskina, Ch.M., Markushev, V.M., Ter-Gabrielyan, N.E. Use of a model of coupled microcavities in the interpretation of experiments on powder lasers 3744
Brislawn, C.M. Classification of nonexpansive symmetric extension transforms for multirate filter banks 24981
Brislawn, C.M. Rational transfer matrices with FIR inverses 34908
Brislawn, C.M., Bradley, J.N., Onyshczak, R.J., Hopper, T. The FBI compression standard for digitized fingerprint images 35251
Brissaud, M., Gonnard, P., Bera, J.C., Sunyach, M. Active control headset protector using piezoceramic material actuator 17117
Brisset, C., Ferlet-Cavrois, V., Flament, O., Musseau, O., Leray, J.L., Pelloie, J.L., Escoffier, R., Michez, A., Cirba, C., Bordure, G. Two-dimensional simulation of total dose effects on NMOSFET with lateral parasitic transistor 22845
Brissinck, W. *see* Touhafi, A. 11511
Brisson, J.G. *see* Watanabe, A. 51871
Brist, G., Stewart, J., Bird, S. Plasma-etched microvias [PCB manufacture] 31625
Bristow, J., Liu, Y., Greenlaw, D., Marta, T., Johnson, K., Hanzal, B., Peczalski, A., Bounnak, S. Polymer optical waveguide interconnect technology 52207
Bristow, J. *see* Morgan, R.A. 47953
Britel, M. *see* Rudkowski, P. 23313
Brito, P., Diaz, R., Lobo, P.W., Gotter, C., Tagashira, R. Dielectric properties of some cuprate oxide materials 32632
Britt, E.J. *see* Fitzpatrick, G.O. 20070
Britt, J.S. *see* Gabor, A.M. 39095
Brittain, J.E. The evolution of electrical and electronics engineering and the Proceedings of the IRE: 1913-1937 10233
Britten, A.C. *see* Koch, R.G. 19210
Britten, J.A. *see* Nguyen, H.T. 33598
Britten, J.A. *see* Perry, M.D. 14509
Britten, J.A. *see* Stuart, B.C. 44427
Britton, C. *see* Walter, J. 59341
Britton, C.L. *see* Simpson, M.L. 28049
Britton, C.L. *see* Smith, R.S. 59336
Britton, C.L., Jr., Bryan, W.L., Emery, M.S., Ericson, M.N., Musrock, M.S., Simpson, M.L., Smith, M.C., Walker, J.W., Wintenberg, A.L., Young, G.R., Allen, M.D., Clonts, L.G., Jones, R.L., Kennedy, E.J., Smith, R.S., Baissevain, J., Jacak, B.V., Jaffe, D., Kapustinsky, J.S., Simon-Gillo, J., Sullivan, J.P., Van Hecke, P., Xu, N. Design and performance of beam test electronics for the PHENIX Multiplicity Vertex Detector 59321
Britton, C.L., Jr. *see* Emery, M.S. 59331
Britton, P. The cost-effective production of ultra fine-line geometry 11929
Britton, P.L. *see* Tanaka, Y. 11920
Brivio, P.A. *see* Binaghi, E. *(editor)* 51967
Brix, G. *see* Schmidlin, P. 49524
Broach, D.L. *see* Seamster, T.L. 59870
Broad, K., Mason, A., Ronnqvist, M., Frater, M. Optimal robotic component placement 151
Broadbent, A.J., Butt, S., Crozier, J., Smith, K.D., Street, A.J., Wiatrzyk, J.M. Mechanical test results from the EU testing program for potential ITER insulation material 55131
Broadbent, A.J., Crozier, J., McDonald, P., Smith, K.D., Street, A.J., Wiatrzyk, J.M. Low-temperature thermal properties from the EU testing program for potential ITER insulation 43861
Broadbent, A.J., Crozier, J., Smith, K.D., Street, A.J., Wiatrzyk, J.M. Electrical breakdown strength results from the EU testing program for potential ITER insulation 55132
Broadbent, S. From projects to products in rail electronics 9988
Broadfoot, A.R., Betz, R.E. Prediction of power requirements for a longwall armored face conveyor 39478
Broadfoot, A.R., Betz, R.E. Control problems in armored face conveyors for longwall mines 39485
Broadfoot, A.R., Betz, R.E. New control strategies for longwall armored face conveyors 39488
Broadhead, J. Two volt, high power, high energy density rechargeable lithium polymer battery 61014
Broadhead, N., Alexander, N.C., Newell, C. Management of the station alarm systems 9021
Broadwater, R.P., Sargent, A., Yarali, A., Shaalan, H.E., Nazarko, J. Estimating substation peaks from load research data 38922
Broberg, B. *see* Lindgren, S. 33542
Broberg, H. A satellite perspective on digital audio broadcasting 7055
Brocard, E. *see* Monnard, R. 33118
Brochard, F. *see* Martinez, E. 49350
Brochard, P., Grolier-Mazza, V., Cabanel, R. Thermal nonlinear refraction in dye solutions: a study of the transient regime 44674
Broche, C. *see* Omekanda, A.M. 29272
Broche, P. *see* Baghdadi, N. 18861
Brochu, J., Beauregard, F., Lemay, J., Morin, G., Pelletier, P., Thallam, R.S. Application of the interphase power controller technology for transmission line power flow control 50433
Brochu, J. *see* Sybille, G. 8853
Brock, D. *see* Woojin Lee 10982
Brock, D.P. *see* Schmidt-Nielsen, A. 16474
Brock, I.C., Engler, A., Ferguson, T., Filthaut, F., Kraemer, R.W., Merk, M., Rippich, C., Shi, X., Shukla, J., Sutton, R.B., Tsipolitis, G., Vogel, H., You, J., Lecoq, P., Bobbink, G.J., Buskens, J., Cerjak, I., Groenstege, H., Koffeman, E., Linde, F.L., Raven, G., Rewiersma, P., Schuijlenberg, H.W.A., de Waard, A., Commichau, V., Hangarter, K., Schmitz, P. Luminosity measurement in the L3 detector at LEP 37039
Brock, J. *see* Lai, R. 36117
Brock, J. *see* Wickham, M. 56211
Brock, J. *see* Zmudzinski, C. 58359
Brock, J.D. *see* Headrick, R.L. 21301
Brock, N.J. *see* Millerd, J.E. 4123
Brock, P.J. *see* Carter, S.A. 55461
Brock, R. *see* Nezar, A. 22824
Brock, S., Kacemarek, T. Time-suboptimal model following control of machine tools drives 61191
Brock, S., Kaczmarek, T. 2D command preprocessor with jerk limit for machine tools drives 9750
Brock, T. *see* Youngwoo Kwon 11682
Brock, W. *see* Leuchtner, R. 10895
Brocke, R. Simulation of the dynamic behaviour of low-voltage varistors 19404
Brocke, R., Frentzel, R., Zahlmann, P. Screening of cable routes from lightning interference 14637
Brockerhoff, P. *see* Hohlein, B. 20179
Brockherde, W. *see* Aslam, A. 48694
Brocklesby, W.S. *see* Hector, J.R. 44385
Brocklesby, W.S. *see* Vienne, G.G. 13567
Brockman, J.B. *see* Johnson, E.W. 11089
Brockman, P. *see* Targ, R. 27088
Brockmeier, K. *see* Brummerhof, A. 49681
Brockstedt, S. *see* Wirestam, R. 59493
Brodbeck, D.T. *see* Richmond, R. 8673
Brodbeck, T., Bauch, H., Guggenmos, X., Wagner, R. Reproducibility of field failures by ESD models: comparison of HBM, socketed CDM and nonsocketed CDM 4187
Brodd, D. *see* Kozawa, A. 61030
Broddner, S., Lilliestrale, M., Wallstedt, K. Evolution of cellular technology for indoor coverage 47598
Broden, S. *see* Eriksson, L.H. 27007
Broder, A.Z., Frieze, A.M., Upfal, E. A general approach to dynamic packet routing with bounded buffers 5794
Brodersen, A.J. *see* Antao, B.A.A. 31400
Brodersen, R.W. *see* Burd, T.D. 21752
Brodeur, A., Chien, C.Y., Ilkov, F.A., Chin, S.L., Kosareva, O.G., Kandidov, V.P. Moving focus in the propagation of ultrashort laser pulses in air 55555
Brodie, D.E. *see* Goodyear, B.G. 40545
Brodie, D.E. *see* Mohajerzadeh, S. 1985
Brodie, D.E. *see* Ribes, A.C. 39045
Brodie, I. *see* Spindt, C.A. 41780
Brodin, G., Daly, P. GNSS code and carrier tracking in the presence of multipath 48166
Brodin, L.-A. *see* Dale, S. 59466
Brodsky, I. What will LMDS hatch? 6467
Brodsky, I. CDPD comes to town 16602
Brodsky, I. The net unplugged 57877
Brodskyn, H.O., Costa, M.C., Cardoso, J.R., Abe, N.M., Passaro, A., Nabeta, S.I., Giarolla, M.H. Ground-3D linked to line parameters: a method of fault current distribution and earth potential determination 50597
Brodwin, M.E. *see* Olmstead, W.E. 36951
Brody, G., Coffin, R., Cohn, S., Homayoun, F., Swanson, T. Satellite network solutions: new frontiers in global communications 47864
Brody, J.P., Osborn, T.D., Forster, F.K., Yager, P. A planar microfabricated fluid filter [blood testing] 17556
Brody, T.P. The birth and early childhood of active matrix–a personal memoir 17650
Brodyn, M.S. *see* Blonskij, I.V. 41859
Brodyn, M.S. *see* Buryn, O.M. 24141
Brodzinski, R.L. *see* Reeder, P.L. 59097
Broeck, H.van der *see* van der Broeck, H.
Broeck, T.Van den *see* Van den Broeck, T.
Broecker, C., Schulz, R.-H., Stroth, G. Check character systems using Chevalley groups 45557
Broekaert, T.P.E. *see* Beam, E.A., III. 21303
Broekaert, T.P.E. *see* Randall, J.N. 22896
Broekaert, T.P.E. *see* van der Wagt, J.P. 1422
Broekdorff, N. *see* Lloyd-Jones, T.J. 57544
Broemmelsiek, D. *see* Krizan, P. 59293
Broems, P. *see* Birgerson, J. 13877
Broers, A.N. *see* Paul, D.J. 22293
Broers, A.N. *see* Paul, D.J. 43110
Broers, A.N. *see* Ryan, J.M. 42053
Broersen, P.M.T. *see* Erkelens, J.S. 34691
Broesch, J.D. *see* Strait, E.J. 36382
Broesse, A., Henneberger, G., Klepsch, T. Positioning accuracy of a sensorless controlled servo drive system 61128
Broesse, A., Henneberger, G., Klepsch, T. Parameter estimation in a geared flexible mechanical system using a composite neural network-conventional approach 61129
Broest, M. *see* Serdijn, W.A. 48268
Brofferio, C. *see* Alessandrello, A. 7819
Brofferio, C. *see* Alessandrello, A. 37480
Brofferio, C. *see* Alessandrello, A. 48812
Brofferio, C. *see* Alessandrello, A. 59340
Brofmann, P.R. *see* Braile, D. 28399
Brogan, P.B. *see* Bronzeado, H.S. 19783
Brogelli, B. *see* Argenti, F. 45901
Broggi, A., Conte, G., Gregoretti, F., Sansoe, C., Reyneri, L.M. The evolution of the PAPRICA system 46381
Broggi, A. *see* Bertozzi, M. 25772
Broggi, A. *see* Bertozzi, M. 46162
Broggi, A. *see* Bertozzi, M. 57442
Brogi, H. *see* Volpp, J. 28590
Brogle, R. *see* Lai, C.H. 12084
Brogliato, B. On dynamics and feedback control of nonsmooth impacting mechanical systems 40222
Brogueira, P. *see* Conde, J.P. 30902
BroHet, C. *see* Bozzola, P. 37787
Brohet, C. *see* Zaidi, M. 37818
Broitman, M.D., Kalnberzin', A.Ya. Simulating statistics collection in an X.25 network 35707
Brojerdi, G. *see* Fargues, D. 52827
Broka, K., Ekdunge, P. Oxygen and hydrogen permeation properties and water uptake of Nafion(R) 117 membrane and recast film for PEM fuel cell 51551
Brokaw, A.P. A temperature sensor with single resistor set-point programming 17338
Broker, H. *see* Bebermeier, H. 38005
Broll, W. Distributed virtual reality for everyone–a framework for networked VR on the Internet 47064
Broman, H., Andersson, A. Instrumental variables (IV) and prediction error (PE) like second order recursive algorithms 15410
Broman, H. *see* Andersson, A. 4818
Broman, H. *see* Andersson, A. 25122
Bromberg, L., Cohn, D.R., Rabinovich, A. Plasma reformer-fuel cell system for decentralized power applications 38963
Bromirski, M. ATM traffic shaper with neural control 26432
Bromirski, M., Lobejko, W. Priorized state-dependent buffer-management schemes in the ATM switch 35861
Bromirski, M. *see* Bledowski, H. 26371
Bromley, B. *see* Brown, J.D. 22023
Bromley, J. *see* Sheinberg, M. 49469
Bromley, J.C., McDermid, W. Further experience with the measurement of dielectric anomalies in field aged XLPE cables 19336
Bromley, J.C. *see* McDermid, W. 60680
Bromley, K.S. *see* Houlgreave, J.A. 41737
Bromley, P.A. *see* Wood, A.K. 40337
Bronaugh, E.L., Osburn, J.D.M. A process for the analysis of the physics of measurement and determination of measurement uncertainty in EMC test procedures 45187
Brondi, A. *see* Fioretto, E. 59283
Brondi, A. *see* Scheurer, J.N. 59353
Brondo, J. *see* Sredniawski, J.J. 49353
Brongersma, H.H. *see* Van der Gon, A.W.D. 53908
Brongo, M.R. *see* Yota, J. 54801
Bronikowski, M.J. *see* Laracuente, A. 10875
Bronner, W. *see* Berroth, M. 36182
Bronner, W. *see* Hurm, V. 44318
Bronner, W. *see* Lao, Z. 31202
Bronner, W. *see* Lao, Z. 40927
Bronner, W. *see* Lauxtermann, S. 7829
Bronner, W. *see* Leber, P. 32564
Bronner, W. *see* Thiede, A. 41131
Bronnikov, K.A., Konstantinov, M.Yu., Mel'nikov, V.N. Comparative analysis of projects for experiments in space to determine the gravitational constant 36369
Bronnimann, R. *see* Sennhauser, U. 36615
Brons, G.C.S. *see* le Grand, J.B. 32915

Bronshtein, A. *see* Mazar, R. 24480
Bronski, J.C. *see* Kutz, J.N. 26803
Bronskill, M.J. *see* Vitkin, I.A. 49760
Bronson, M. PCI–the bus that glues? 16341
Bronzeado, H. *see* Yacamini, R. 61247
Bronzeado, H.S., Brogan, P.B., Yacamini, R. Harmonic analysis of transient currents during sympathetic interaction 19783
Bronzel, M. *see* Fettweis, G.P. 47756
Brook, D. Fast transients and noise susceptibility of 8-bit microcontroller application 21730
Brook, J. *see* Day, S. 26930
Brook, J. *see* Hoff, R.M. 28618
Brook, R. A distributor's view of reactive power 19200
Brooke, A.L. *see* Wong, W.H. 55135
Brooke, M. *see* Cat, H.H. 55355
Brooke, M. *see* Cross, J. 36175
Brooke, M. *see* Poddar, R. 41716
Brooke, M. *see* Vendier, O. 26802
Brooke, M. *see* Vendier, O. 36171
Brooke, M.A. *see* Myunghee Lee 36172
Brooke, M.A. *see* Myunghee Lee 40938
Brooke, N.M. *see* Tomlinson, M.J. 14990
Brooke, S.R. *see* Rolls, A.M. 47892
Brooker, M.C. *see* Dempsey, T.P. 58097
Brookes, J.A., Murray, A.D., Reipath, T.W., Needham, G., Gilbert, F.J. Choice of contrast enhancement index for dynamic magnetic resonance mammography 59406
Brookes, N.B. *see* Dallera, C. 7847
Brookes, T.S. *see* Tyrrell, A.M. 41205
Brookes, W., Indulska, J. ODP types and their management: an object-Z specification 6111
Brookes, W., Indulska, J., Bond, A., Yang, Z. Interoperability of distributed platforms: a compatibility perspective 6155
Brookfield, D.J., Diodlo, Z.B. Transfer function identification of an electro-rheological actuator 9462
Brookfield, D.J. *see* Elhami, M.R. 51682
Brookfield, D.J. *see* Elhami, M.R. 61150
Brooklyn *see* Yuqi Yao 25519
Brooks, C.B. *see* Allison, W.W.M. 37269
Brooks, C.B. *see* Beringer, J. 37394
Brooks, C.J. *see* Vossler, G.L. 33454
Brooks, C.J. *see* Vossler, G.L. 33455
Brooks, D., Morgan, V.A., Nicholas, J.R. Electric motor analysis at Dofasco 60655
Brooks, D., Ruschin, S., Scarlat, D. Nondestructive method for measuring the coupling between optical waveguides 44008
Brooks, D. *see* Hayes, S. 17453
Brooks, D. *see* Liu, T. 17456
Brooks, D.H., Chary, R.V., Krim, H., On, H., MacLeod, R.S. Wavelet-based temporal segmentation and analysis of body surface potential maps during PTCA-induced ischemia 59725
Brooks, D.H., Krim, H., Pesquet, J.C., MacLeod, R.S. Best basis segmentation of ECG signals using novel optimality criteria 28344
Brooks, D.H., MacLeod, R.S. Electrical imaging of the heart 28363
Brooks, D.H. *see* Ahmad, G.F. 59670
Brooks, D.H. *see* Krim, H. 37833
Brooks, J.W., Maier, M.W. Application of system identification and neural networks to classification of land mines 8597
Brooks, K.G. *see* Kholkin, A.L. 54935
Brooks, K.G. *see* Luginbuhl, P. 13163
Brooks, K.N. *see* Queen, L.P. 60102
Brooks, M.J., Baumela, L., Chojnacki, W. Egomotion from optical flow with an uncalibrated camera 56851
Brooks, M.J. *see* Gibbins, D. 27178
Brooks, M.J. *see* Vajdic, S.M. 35205
Brooks, M.L., Lee, D.M., Sondheim, W. Alignment systems for the PHENIX muon tracking chambers 59300
Brooks, M.L. *see* Fields, D.E. 59301
Brooks, M.L. *see* Lee, D.M. 59268
Brooks, M.L. *see* Morris, C.L. 946
Brooks, R. *see* Gulski, E. 38783
Brooks, R. *see* Gulski, E. 38792
Brooks, R. *see* Gulski, E. 43456
Brooks, R. *see* Zondervan, J.P. 32623
Brooks, R.R., Iyengar, S.S. Maximizing multi-sensor system dependability 15417
Brooks, R.R., Iyengar, S.S., Rai, S. Minimizing cost of redundant sensor-systems with non-monotone and monotone search algorithms 52355
Brooks, S.L., Greenway, R.B., Jr. Using STEP to integrate design features with manufacturing features 5533
Brooks, S.M. Life cycle costs estimates for conceptual ideas 8709
Brooks, T.L. *see* Singer, L.A. 1520
Broom, R.F. *see* Srite, S. 12673
Broome, K.R. A low cost, multi-layer FR4 circuit board for the rf and microwave circuits in a fixed wireless access residential transceiver unit 53743
Broomer, B. *see* Arai, Y. 37267
Broomer, B. *see* Arai, Y. 37268
Broomfield, E.J., Chung, P.W.H. Safety assessment and the software requirements specification 52109
Broomfield, M.C., Spooner, T.A. HDP dielectric BEOL gapfill: a process for manufacturing 42626
Broomhead, D.S., Huke, J.P. Nonlinear inverse filtering in the presence of noise 25046
Broquetas, A. *see* Carrasco, D. 16925
Broquetas, A. *see* Mallorqui, J.J. 7979
Broquin, J.E. *see* Josse, E. 23527
Brorson, S. *see* Franck, T. 3866
Brorson, S.D., Wang, Z., Franck, T., Moller-Larsen, A., Nielsen, J.M., Mork, J., Bischoff, S., Sorensen, M.P. Characterization of wavelength chirping in modelocked semiconductor lasers 23937
Brorson, S.D. *see* Hofmann, M. 55878
Brorson, S.D. *see* Liu, K. 26937
Brorson, S.D. *see* Wang, Z. 23939
Broser, I. *see* Heitz, R. 41971
Broser, I. *see* Siegle, H. 31829
Brosio, A., Okada, K., Abiven, J., Atterton, P., Lazzaro, F., Minami, T., Okumura, Y., Orth, B., Philips, D., Profumo, A., Quayle, A., Renaldo, M., Renon, F., Schroder, J., Storm, J., Torremans, E., Vos, E., Yasui, H. Overview of full services optical access networks 26856
Brosius, B., Lambrecht, R., Oesterlei, R., Sadeghi, H. Investigation of the effect of the slot and shunt on the transient and steady state current response of a commercially available lighting ballast 39367
Brossard, P. *see* Polyakov, A.S. 19502
Brossaud, J. *see* Seki, M. 11644
Brosse, A. *see* Henneberger, G. 51693
Brosseau, C., Boulic, F., Queffelec, P., Le Mest, Y., Loaec, J. Dielectric and structural properties of polymer carbon-black composites 32610
Brosseau, C., Bourbigot, C., Queffelec, P., Le Mest, Y., Loaec, J., Beroual, A. Dielectric and microstructure properties of polymer carbon-black composites 13295
Brosseau, C. *see* Rouha, N. 43526
Brosseau, C. *see* Sareni, B. 32609
Brosseau, C. *see* Sareni, B. 43430
Brossmann, J. *see* Muhle, C. 7882
Brosson, P., Bissessur, H. Analytical expressions for the FM and AM responses of an integrated laser-modulator 44079
Brosson, P. *see* Lestra, A. 58284
Brost, G. *see* Odoulov, S. 3311
Brost, G. *see* Shcherbin, K. 14463
Brost, G.A. *see* Odoulov, S.G. 13531
Brothers, A.S., Jr., Ginther, J.C., Lehnert, J.S. Wireless distributed multimedia communications networks for the digital battlefield 60145
Brotherton, S.D., Ayres, J.R., Trainer, M.J. Leakage currents in poly-Si thin film transistors 12987
Brotman, A.D. *see* Blossfield, K.M. 1879
Broto, J. *see* Lisunov, K.G. 31896
Brouche, M., Denat, A., Bonifaci, N., Quenin, A., Saragossi, L. Density dependence on negative corona onset voltage in helium 41726
Brouche, M., Gosse, J.P. High electric field conduction in aromatic hydrocarbons: effects of the polymerization 13276
Broudiscou, A., Leardi, R., Phan-Tan-Luu, R. Genetic algorithm as a tool for selection of D-optimal design 30460
Brough, R.D., Arrillaga, J., Duke, R.M. Operation of a high-pulse AC/DC convertor as a VAr compensator 50464
Broughton, J.N. *see* Krishnaswamy, M. 949
Brouillette, G. *see* Audet, J. 20909
Broulik, U. *see* Steiger, B. 58618
Broulik, U. *see* Weissmantel, S. 43879
Brouquet, P. *see* Gaillard, F. 52812
Brousseau, M. *see* La Jeune, P. 54076
Broussell, I., L'Heureux, I., Fortin, E. Experimental evidence for dichotomous noise-induced states in a bistable interference filter 44169
Brouwer, A.A. *see* Valster, A. 55634
Brouwer, H.J., Hilberer, A., Werts, M., Wildeman, J., Hadziioannou, G. LEDs based on conjugated PPV block copolymers 23702
Brouwer, H.J. *see* Veenstra, S.C. 23682
Brouwer, J. *see* Haaksma, J. 37772
Brouwer, W. *see* Janssens, E. 26298
Brouwers, J. *see* Denyer, P. 40796
Brower, D.L. *see* Hsia, R.P. 36865
Brower, D.L. *see* Jiang, Y. 31351
Brower, D.T. *see* Warren, W.L. 3590
Brown, A. *see* Lee, K.K. 21302
Brown, A.C. *see* Maxwell, P.C. 40987
Brown, A.C., Jr. Irregular segmentation of paraboloidal reflectors 34238
Brown, A.D., Baker, K.R., Williams, A.J.C. On-line testing of statically and dynamically scheduled synthesized systems 40786
Brown, A.S. *see* Bicknell-Tassius, R.N. 21231
Brown, A.S. *see* Carter-Coman, C. 40420
Brown, A.S. *see* Carter-Coman, C. 42538
Brown, A.S. *see* Cat, H.H. 55355
Brown, B., Bennett, T., Betancourt, J. High performance CCSDS processing systems for EOS-AM spacecraft integration and test 7208
Brown, B. *see* Min-Zhong Yu 28351
Brown, B. *see* O'Keefe, M.F. 53599
Brown, B.A. *see* Chan, G.K. 16577
Brown, B.E., Gordon, D.M. On sequences without geometric progressions 10298
Brown, B.H., Flewelling, R., Griffiths, H., Harris, N.D., Leathard, A.D., Lu, L., Morice, A.H., Neufeld, G.R., Nopp, P., Wang, W. EITS changes following oleic acid induced lung water 18454
Brown, B.H. *see* Erol, R.A. 18455
Brown, B.H. *see* Marven, S.S. 18462
Brown, B.H. *see* Nopp, P. 18463
Brown, B.H. *see* Tian-Xian Zhao 18464
Brown, B.M., Eastham, M.S.P., McCormack, D.K.R. A new algorithm for computing the asymptotic solutions of a class of linear differential systems 52559
Brown, B.R., Lafferty, M., Cervenka, D. Telco video plans becoming clearer all the time: but pending mergers could cloud the image 5933
Brown, C. Test base-station antenna feedline systems 47798
Brown, C., Feher, K. A digital-phase window processing technique for fast acquisition of phase-shift keyed signals 5818
Brown, C., Feher, K. Measuring metastability and its effect on communication signal processing systems 25088
Brown, C., Feher, K. Cross-correlated correlative encoding: an efficient modulation method 34566
Brown, C. *see* Quine, J.P. 45196
Brown, C. *see* Stuart, B.C. 44427
Brown, C. *see* Thuente, D. 60139
Brown, C.A. *see* Slocum, D.B. 50164
Brown, C.P. Screen printing trials for a 16 mil pitch demonstration board 41678
Brown, C.P. Advances in screen printing technology 53765
Brown, D., Clarke, J. Specification of long term reliability of frequency control products 32756
Brown, D., Viseux, A. SATURN: a new solution for the secondary distribution network 51382
Brown, D. *see* Fleurov, V.B. 24225
Brown, D. *see* Kremens, R.L. 36384
Brown, D.A. Fiber optic accelerometers and seismometers 18968
Brown, D.A., Mengpang Chen, Morse, T.F. Fiber optic highly over-coupled coupler sensors 18970
Brown, D.C. Ultrahigh-average-power diode-pumped Nd:YAG and Yb:YAG lasers 55566
Brown, D.C., Lander, S.E., Petrie, C.J. The application of multiagent systems to concurrent engineering 39698
Brown, D.D., Sanchez, J.E., Jr., Pham, V., Besser, P.R., Korhonen, M.A., Li, C.-Y. Electromigration failure distributions for multi-layer interconnects as a function of line width: experiments and simulation 42744
Brown, D.E. *see* Nougues, P.O. 45801
Brown, D.J. *see* Loubriel, G.M. 48125
Brown, D.J. *see* Swafford, M.L. 20635
Brown, D.J.W., Whyte, C.G., Jones, D.R., Little, C.E. High-beam quality, high-power copper HyBrID laser injection-seeded oscillator system 55495
Brown, D.J.W. *see* Coutts, D.W. 176
Brown, D.J.W. *see* Hentschel, R.M. 55493
Brown, D.J.W. *see* Withford, M.J. 23740
Brown, D.L. *see* Boehly, T.R. 14059
Brown, D.M., Downey, E., Ghezzo, M., Kretchmer, J., Krishnamurthy, V., Hennessy, W., Michon, G. Silicon carbide MOSFET technology 2841
Brown, D.R. Making ESS or thermal cycling part of the production process 39738
Brown, D.W. The geothermal analog of pumped storage for electrical demand load following 29129
Brown, D.W. *see* Gaston, F.M.F. 31310
Brown, D.W. *see* Sachs, R.M. 45673
Brown, E., Crane, C.D., III A system for performing site characterisation for test ranges containing unexploded ordnance 17006
Brown, E. *see* Ehsani, H. 32968
Brown, E.R., Parker, C.D. Resonant tunnel diodes as submillimetre-wave sources 11708
Brown, E.R. *see* McIntosh, A. 14710
Brown, E.R. *see* McIntosh, A. 23658
Brown, E.R. *see* Molnar, R.J. 21281
Brown, E.R. *see* Murtz, M. 48311
Brown, E.R. *see* Waltman, S.B. 41435
Brown, E.W., Wang, P. Three-dimensional object recovery from two-dimensional images: A new approach 35012
Brown, F.C. *see* Heald, S.M. 37549
Brown, G. User configurable data acquisition systems 48383
Brown, G. *see* Afanasev, V. 12596
Brown, G. *see* O'Leary, J. 53250
Brown, G. *see* Wenban, A. 17229
Brown, G. *see* Wenban, A. 27420
Brown, G.A. *see* Hattangady, S.V. 42554
Brown, G.A. *see* Krska, J.-H.Y. 2267
Brown, G.A. *see* Loewenstein, L.M. 42806
Brown, G.C., Pryputniewicz, R.J. Holographic microscope for measuring displacements of vibrating microbeams using time-average holography 36899
Brown, G.J. *see* Hoff, J. 48521
Brown, G.J. *see* Hoff, J. 48522
Brown, G.J. *see* Hoff, J.R. 7359
Brown, G.J. *see* Jelen, C. 27571
Brown, G.S. *see* Marchand, R. 8506
Brown, G.S. *see* Toporkov, J.V. 36236
Brown, G.S. *see* Toporkov, J.V. 36237
Brown, G.W. Application areas of stepper motors and brushless DC motors: where are the boundaries? 60797
Brown, H.T., Evely, M.R. Developing and improving the new product process at Marconi Instruments 17194
Brown, I. *see* Oks, E. 22123
Brown, I.G. *see* Anders, A. 29411
Brown, I.G. *see* Otooni, M.K. 10926

Brown, J., Raman, J., Zheng, K., Lester, L.F., Hersee, S.D., Zolper, J. Ohmic contacts to Si-implanted and un-implanted n-type GaN 12541
Brown, J. *see* Legrady, J. 39790
Brown, J. *see* Lundquist, T. 2745
Brown, J. *see* Meneghesso, G. 2728
Brown, J. *see* Meneghesso, G. 43152
Brown, J. *see* Zhang, L. 12785
Brown, J.A. The autonomous landing guidance program 18644
Brown, J.D., Bromley, B. PBGA solder joint reliability/manufacturability as a function of PCB pad size 22023
Brown, J.E.C., Hurst, P.J. Adaptive continuous-time forward equalization for DFE-based disk-drive read channels 3228
Brown, J.E.C. *see* Kajley, R.S. 41350
Brown, J.E.C. *see* Rothenberg, B.C. 1404
Brown, J.J. *see* Shi, S.S. 22886
Brown, J.K. *see* Heanue, J.A. 35173
Brown, J.K. *see* Heanue, J.A. 59286
Brown, J.L. *see* Aden, T.C. 38182
Brown, J.L. *see* Geddes, N.D. 59869
Brown, J.M. *see* Lester, L.F. 2226
Brown, J.R., Cheney, M.T., Haycock, P.W., Houlton, D.J., Jones, A.C., Williams, E.W. The gas-sensing properties of tin oxide thin films deposited by metallorganic chemical vapor deposition 48719
Brown, J.T., Klein, M.G. Design factors for a super high energy density Ni-MH battery for military uses 61000
Brown, K., Singh, S. M-UDP: UDP for mobile cellular networks 16569
Brown, K. *see* Adam, J. 39805
Brown, K. *see* Creech, G.L. 1073
Brown, K. *see* Moy, J.P. 7840
Brown, K.A. *see* Ustin, S.A. 10800
Brown, K.C., Bracken, C., Bashir, R., Egan, K., DeSantis, J., Kabir, A.E., Yindeepol, W., McGregor, J., Prasad, S.J., Razouk, R., Boksha, V.V., Rey, J.C. Trench isolation technology for high performance complementary bipolar devices 54824
Brown, K.L. *see* Birnbaum, M. 15084
Brown, K.M. *see* Field, M. 2734
Brown, K.M. *see* Kardynal, B. 42165
Brown, K.M. *see* Patel, N.K. 42117
Brown, K.M. *see* Turner, N. 2210
Brown, K.W. Design of waveguide slotted arrays using commercially available finite element analysis software 34384
Brown, K.W., Prata, A., Jr. A closed-form solution for an elliptical-beam offset dual-reflector antenna efficiently illuminated by an axially-symmetric feed pattern 34237
Brown, L. *see* Forney, G.D., Jr. 26405
Brown, L.F., Mason, J.L., Khataniar, D., Scheinbeim, J.I., Newman, B.A. Ferroelectric nylon-7,-11 ultrasonic transducer performance 18367
Brown, M. *see* Steiner, B. 12240
Brown, M.A., Chen, G., Rogers, B.F., Davies, A.E., Rochester, C. DC electrical accelerated ageing tests on polyethylene insulation 43563
Brown, M.A. *see* Chen, G. 54968
Brown, M.K. *see* Jianying Hu 4546
Brown, M.L., Gillberg, J.M., Stanton, M.S., Hammill, S.C., Olson, W.H. Acute human testing of a dual chamber ventricular tachyarrhythmia detection algorithm at Mayo clinic 37768
Brown, M.L. *see* Gillberg, J.M. 28385
Brown, M.P., Newnham, S.J., Smith, P.W. The application of SbSI and other ferroelectric materials to the generation of solitons and shock waves on nonlinear high voltage transmission lines 43479
Brown, M.S. *see* Herring, G.C. 17853
Brown, M.S. *see* Millerd, J.E. 4123
Brown, M.S. *see* Wilson, L.S. 49450
Brown, M.V. Electrical safe work practices 39693
Brown, N. Emittance and entropy in thermal equilibrium charged particle beams 7746
Brown, N. Dielectric response of particle beams to periodic focusing 49207
Brown, N., Reiser, M. Longitudinal current losses in RF linear accelerators 17891
Brown, N. *see* Howick, E. 17160
Brown, N. *see* Reiser, M. 18041
Brown, N. *see* Zhou, Z. 1000
Brown, N.A. *see* Gillespie, G.H. 49208
Brown, O., Maslowski, A., Nabatian, D., Shahbazi, S. Thick film metallic resistors for lightning surge protection 53701
Brown, O. *see* Harrer, J. 58149
Brown, P. Nonintrusive partial discharge measurements on high voltage switchgear 38919
Brown, P., Collange, D., Fenzy, C. A discrete time analysis of TCP in presence of cross traffic 46790
Brown, P., McCordic, C., Steudel, M. A pulsed, high-power, high-voltage video load for the ALCOR transmitter 48124
Brown, P. *see* Blackie, N.M. 47332
Brown, P. *see* Blackie, N.M. 57997
Brown, P. *see* Linge, N. 57988
Brown, P.D., McMullan, D., Mulvey, T., Smith, K.C.A. On the origins of the first commercial transmission and scanning electron microscopes in the UK 31726
Brown, P.D. *see* Xin, Y. 30820
Brown, P.N., Walker, H.F. GMRES on (nearly) singular systems 30607
Brown, P.R.J. The influence of amateur radio on the development of the commercial market for quartz piezoelectric resonators in the United States 16530
Brown, P.T. *see* Smith, P.G.R. 43499
Brown, R. Taking back-up power underground: flywheels move closer to deployment [telecommunication networks] 25992
Brown, R. Are HFC networks at the breaking point? 27163
Brown, R. *see* Rodgers, D.H. 59861
Brown, R. *see* Romrell, G. 18746
Brown, R. *see* Solomon, S.C. 60062
Brown, R.A. *see* Kononchuk, O. 22517
Brown, R.A. *see* Sinno, T. 54046
Brown, R.B., Basso, T.D., Parakh, P.N., Gold, S.M., Gauthier, C.R., Lomax, R.J., Mudge, T.N. Complementary GaAs technology for a GHz microprocessor 41214
Brown, R.B. *see* Sakong, D.S. 7457
Brown, R.B. *see* Stetson, S. 41282
Brown, R.C. *see* Stobbe, S. 29658
Brown, R.E., Gupta, S., Christie, R.D., Venkata, S.S., Fletcher, R. Distribution system reliability assessment using hierarchical Markov modeling 8887
Brown, R.E., Gupta, S., Christie, R.D., Venkata, S.S., Fletcher, R. Automated primary distribution system design: reliability and cost optimization 50559
Brown, R.E. *see* Chuvychin, V.N. 19098
Brown, R.H. *see* Arkadan, A.A. 51678
Brown, R.H. *see* Beauchamp, P.M. 36693
Brown, R.H. *see* Beauchamp, P.M. 59963
Brown, R.L., Bone, R.L. A comparison of MCM packaging technologies for a 32-bit high-performance processor 53873
Brown, R.S. *see* Vienne, G.G. 13567
Brown, R.W., Bradley, A. Didactic teaching to experiential project-based learning: completing the four year enterprise engineering transform 20548
Brown, S. FPGA architectural research: a survey 11258
Brown, S., Khellah, M., Vranesic, N. Minimizing FPGA interconnect delays 11259
Brown, S. *see* Bridger, K. 13344
Brown, S. *see* Ramseyer, G.O. 54504
Brown, S. *see* Songyang Yu 28203
Brown, S.B., Jansen, E. Reliability and long term stability of MEMS 43370
Brown, S.B. *see* Anderson, B.L. 45459
Brown, S.F. *see* Bolton, A.G. 15852
Brown, S.F. *see* Wilson, L.S. 49450
Brown, S.L. *see* Kumar, S. 43781
Brown, T. An integrated low power microwave VCO with sub-picosecond phase jitter 21949
Brown, T., Sazzad, S., Schroeder, C., Cantrell, P., Gibson, J. Packet video for heterogeneous networks using CU-SeeMe 57970
Brown, T. *see* Kaveh, M. 6666
Brown, T.A., Kaveh, M. Multiuser detection with antenna arrays in the presence of multipath fading 26473
Brown, T.R., Jr. The common airborne instrumentation system test program 8260
Brown, V. *see* Ruth, R.D. 49165
Brown, W. *see* Kim, Y. 8347
Brown, W.A. *see* Gardner, W.A. 4804
Brown, W.D. Interdisciplinary courses in electronics packaging using multiple instructors 20479
Brown, W.D., Beera, R.A., Naseem, H.A., Malshe, A.P. State-of-the-art synthesis and post-deposition processing of large area CVD diamond substrates for thermal management 40530
Brown, W.D. *see* Haque, M.S. 43428
Brown, W.D. *see* Pawar, M.R. 10884
Brown, W.L. *see* Barr, D.L. 42777
Brown, W.L. *see* Skaar, D.L. 9853
Brown, W.L. *see* Wieser, J. 51827
Brown, Y.K. *see* Yap, D. 58356
Brown de Colstoun, E.C., Walthall, C.L., Cialella, A.T., Vermote, E.R., Halthore, R.N., Irons, J.R. Variability of BRDF with land cover type for the west central HAPEX-Sahel super site 18766
Browne, J.A., Herman, G.T. Computerized evaluation of image reconstruction algorithms 8000
Browne, J.C. *see* Jain, R. 26661
Browne, J.L., Fiorillo, J.A. A comprehensive methodology for teaching phase response to electrical engineering technology students by integrating laboratory results with various software packages 9933
Browne, M. *see* Ruth, R.D. 49165
Browne, S.L. *see* Gonglewski, J.D. 27649
Browning, G.L. *see* Lee, J.L. 18819
Brownlie, G.D. *see* Meredith, W. 33558
Brownson, R., Butler, K., Cadena, S., Detar, M., Johnson, I., McCoulloch, L., McCoulloch, J., Mishra, B., Healey, J., Honcik, K., Phan, T., Sterif, T., Stevens, H., Tovar, A. The role of RIE in microchip bond pad corrosion 39932
Brownson, R. *see* Abercrombie, D. 2302
Brownson, R. *see* Henis, N. 54347
Brownson, R. *see* Waldo, W.G. 54797
Brox, M. *see* Thewes, R. 43044
Broyden, C.G., Spaletta, G. Some LP algorithms using orthogonal matrices 30510
Broyer, M. *see* Melinon, P. 40534
Brozek, T., Chan, Y.D., Viswanathan, C.R. Generation of hole traps in silicon dioxide under Fowler-Nordheim stress 43337
Brozek, T., Sridharan, A., Werking, J., Chan, Y.D., Viswanathan, C.R. Localized charge injection through the gate oxide over gate-drain overlap region: mechanism, device dependence, and application for device diagnostics 43075
Brozel, M.R. *see* Berwick, K. 37306
Brozel, M.R. *see* Tuzemen, S. 12217
Brozio, C.C. *see* Ladewig, S.P. 19827
Brozyna, J. Management of the public SDH network in the near future 16176
Brozyna, J. SDH network management: current state of recommendations for management interface 26040
Bru-Chevallier, C. *see* Berger, P.D. 14111
Brubaker, C.E. *see* Brienza, D.M. 18556
Brubaker, R.M., Wang, Q.N., Nolte, D.D., Melloch, M.R. Nonlocal photorefractive screening from hot electron velocity saturation in semiconductors 2175
Brubaker, R.M. *see* Lahiri, I. 14247
Bruce, A.G., Hong-Ye Gao, Mulligan, J.J., Satorius, E.H. Application of wavelet de-noising to signal demodulation 14779
Bruce, C.F. *see* Beauchamp, P.M. 36693
Bruce, D.M. *see* Wu, X. 17418
Bruce, G.E. Performance based fire detector surveillance testing-a nuclear plant application 38581
Bruce, J.W., Giblin, P.J., Tari, F. Ridges, crests and sub-parabolic lines of evolving surfaces 46320
Bruce, L.M., Adhami, R.R. On the use of wavelet functions to solve boundary value problems 10510
Bruce, R. *see* Rajesh, K. 42506
Bruce, R.G. An engineering technology graduate course in manufacturability: applying design and manufacturing knowledge 20614
Bruce, S., Trasser, A., Birk, M., Rydberg, A., Schumacher, H. Extraction of thermal time constant in HBTs using small signal measurements 22786
Bruce, S.S. *see* Larason, T.C. 17155
Bruce, W.C. *see* Pixley, C. 36430
Bruce-Boyce, C., Schutt, T., von Klitzing, L., Krug, F. Fuzzy control of a pulse cardiovascular system 18501
Bruch, C. *see* Chatei, H. 40422
Bruchhaus, R., Pitzer, D., Primig, R., Wersing, W.-R., Xu, Y. Deposition of self-polarized PZT films by planar multi-target sputtering 52802
Bruck, J., Ching-Tien Ho Fault-tolerant cube graphs and coding theory 25974
Bruck, J., Franze, E., Glaser, S., Grohs, K.-D., Hopken, C., Lohrum, M., Offenwanger, R. ATM explanation from functions and concepts 5755
Brucker, C.F. *see* Yuan-Sheng Tyan 43900
Bruckner, H. Immersion tin as solderable surface finishing and etch resist 11954
Bruckner, J., Brenn, R. Detection limits in ion induced photon emission measurements achieved by an intensity optimized optical system 48678
Bruckner, J.R., Lu, W., Gough, M.P. Object-oriented coding for efficient transmission of space-acquired image data 56673
Bruckner, R. *see* Murach, J. 52860
Bruckstein, A.M., Rivlin, E., Weiss, I. Recognizing objects using scale space local invariants 5292
Bruckstein, A.M. *see* Steiner, A. 5123
Brucoli, M., Carnimeo, L., Grassi, G. A method for the synchronization of hyperchaotic circuits 21471
Brucoli, M., Carnimeo, L., Grassi, G. Stability analysis of space-varying cellular neural networks 53483
Brudanin, V.B. *see* Vylov, T. 7833
Bruder, C. Mesoscopic superconductivity 3266
Bruder, C. *see* Blanter, Ya.M. 42191
Bruder, M. *see* Baars, J. 1996
Bruderer, G. *see* Ramezani, E. 51406
Brudka, M., Pacut, A., Zielinska, T. Processing of images created with the use of ultrasonic distance sensor 7576
Brueck, S.R.J. *see* Alley, T.G. 24088
Brueck, S.R.J. *see* Chen, X. 7501
Brueck, S.R.J. *see* Gingrich, H.S. 23975
Brueck, S.R.J. *see* Long, X.-C. 13628
Brueck, S.R.J. *see* Long, X.-C. 23477
Brueck, S.R.J. *see* Sandusky, J.V. 23881
Brueck, S.R.J. *see* Xiaolan Chen 22698
Brueckner, W. *see* Beck, M. 37265
Bruel, M. *see* Auberton-Herve, A.J. 42607
Bruel, M. *see* Cristoloveanu, S. 42302
Bruel, M. *see* Maleville, C. 42291
Bruel, M. *see* Moriceau, H. 22554
Bruen, A.A., Wehlau, D.L. Partitioning quadrics, symmetric group divisible designs and caps 45558
Bruenger, W. *see* Loechel, B. 23052
Bruenger, W.H., Buchmann, L.-M., Torkler, M., Sinkwitz, S. HPR 506 photoresist used as a positive tone ion resist 22715
Bruenger, W.H. *see* Kohlmann-Von Platen, K.T. 32285
Bruesch, P. *see* Carlen, M.W. 41546
Brug, H.van *see* van Brug, H.
Brug, J.A., Anthony, T.C., Nickel, J.H. Magnetic recording head materials 3225
Brugat, M., Hagmann, M.J. Measurements of modulation of the current in a field emitter caused by a laser 53927
Brugat, M. *see* Hagmann, M.J. 53936
Brugge, M.H.ter *see* ter Brugge, M.H.

Bruggeman, B. *see* Op de Beeck, M. 2531
Bruggeman, J.M., Miller, R.L., Thomas, J.P. Interim safe-storage of the Hanford 105-C reactor 50746
Bruggeman, M., Baeten, P., De Boeck, W., Carchon, R. Neutron coincidence counting based on time interval analysis with one- and two-dimensional Rossi-alpha distributions: an application for passive neutron waste assay 37369
Bruggemann, R. Analysis of the photoconductive decay from a trapping perspective 23655
Brugger, J., Beljakovic, G., Despont, M., de Rooij, N.F., Vettiger, P. Silicon micro/nanomechanical device fabrication based on focused ion beam surface modification and KOH etching 43400
Brugman, M. *see* Vachon, P.W. 18895
Brugnano, L. *see* Amodio, P. 30648
Brugnoni, M. *see* Tanides, C.G. 19185
Bruguera, J.D. *see* Antelo, E. 15201
Bruguera, J.D. *see* Boo, I. 57478
Bruguera, J.D. *see* Boo, M. 34551
Bruguera, J.D. *see* Pena, T.F. 12862
Bruguier, C., Champenois, G., Rognon, J.P. A new control of a synchronous motor without position and speed sensors: the current-model 9192
Bruhn, B. Environmental excellence {PCB waste reduction} 10227
Bruhn, S. Efficient very-low-rate speech transmission using interblock coding 4616
Bruhwiler, D.L. Lowest-order phase space structure of a simplified beam halo Hamiltonian 18033
Bruhwiler, D.L. Model for halo dynamics in accelerating bunched beams 37161
Bruhwiler, D.L. *see* Reusch, M.F. 49083
Bruin, A.de *see* de Bruin, A.
Bruin, R.De *see* De Bruin, R.
Bruining, H.A. *see* van Putten, M.J.A.M. 28072
Bruining, N., von Birgelen, C., Mallus, M.T., de Feyter, P.J., de Vrey, E., Li, W., Prati, F., Serruys, P.W., Roelandt, J.R.T.C. ECG-gated ICUS image acquisition combined with a semi-automated contour detection provides accurate analysis of vessel dimensions 28305
Bruins, T. *see* Meijer, R. 25946
Bruins Slot, A. *see* Gregory, O.J. 48460
Brujic, D., Ristic, M. Analysis of free form surface registration 57268
Brukstein, A.M. *see* Palti-Wasserman, D. 28243
Bruland, K.J. *see* Dougherty, W.M. 27449
Brulisauer, S., Fluck, D., Gunter, P., Beckers, L., Buchal, C. Photorefractive effect in proton-implanted Fe-doped $KNbO_3$ waveguides at telecommunication wavelengths 13651
Brulisauer, S., Fluck, D., Gunter, P., Beckers, L., Buchal, C. Two-beam coupling in proton-implanted Fe-doped $KNbO_3$ waveguides at telecommunication wavelengths 14335
Bruls, E., Verstraelen, M., Zwemstra, T., Meijer, P. Analogue fault simulation in standard VHDL 13092
Bruls, E. *see* Roncken, M. 41039
Brum, J.A. *see* Hawrylak, P. 2180
Brumley, R. *see* Buchman, S. 7545
Brummack, H. *see* Schubert, M.B. 39136
Brummelaar, T.A. Correlation measurement and group delay tracking in optical stellar interferometry with a noisy detector 56668
Brummer, M.E. *see* Faber, T.L. 18398
Brummerhof, A., Brockmeier, K., Schmitz, L., Thieme, R., Kissenbeck, S., Bein, G. Intra-QRS analysis of high frequency signal components in patients with congenital heart disease 49681
Brumsickle, W.E. *see* Ryan, M.J. 60853
Brumwell, F. *see* Stipp, V. 37014
Brun, A. *see* Balembois, F. 23865
Brun, A. *see* Balembois, F. 55571
Brun, A. *see* Bentivegna, F. 24188
Brun, A. *see* Brunel, M. 14384
Brun, A. *see* Chaput, F. 33201
Brun, A. *see* Darracq, B. 23440
Brun, A. *see* Falcoz, F. 33450
Brun, A. *see* Faloss, M. 23767
Brun, E. *see* Kolltveit, E. 16720
Brun, G. *see* Ferhat, M. 10698
Brun, G. *see* Ferhat, M. 10782
Brun, G. *see* Ferhat, M. 21247
Brun-Buisson, A. *see* Zugaj, D. 46512
Brun-Le Cunff, D., Daudin, B., Veuillen, J.Y. Ohmic contacts epitaxially grown on II-VI semiconductors : the case of metallic neodymium 10699
Brun-Maunand, E. *see* Bigo, S. 47959
Brunberg, J.A. *see* Cloft, H.J. 37623
Brundell, J.B. *see* Dowden, R.L. 24458
Brundle, C.R., Uritsky, Y., Warwick, A., Hockett, R.S., Craig, A., Ayre, C., Dunham, D., Droubay, T., Tonner, B.P. Exploratory use of micro-XANES for particle detection and analysis on Si wafers 43178
Brundrett, D.L., Glytsis, E.N., Gaylord, T.K. Subwavelength transmission grating retarders for use at 10.6 μm 181
Bruneau, J.-L. *see* Boscheron, A.C.L. 14379
Bruneau, M. *see* Hamery, P. 54845
Bruneel, H., Inghelbrecht, V., Steyaert, B. Buffering for transmission rate reduction by a rational factor 46695
Bruneel, H., Tison, C. Improving the throughput of stop-and-wait ARQ schemes with repeated transmissions 46707
Bruneel, H., Wittevrongel, S. ATM switches with nonindependent routing 16052
Bruneel, H. *see* Steyaert, B. 25864
Bruneel, H. *see* Wittevrongel, S. 35418
Bruneel, H. *see* Wittevrongel, S. 46581
Bruneel, H. *see* Wittevrongel, S. 46616
Bruneel, H. *see* Xiong, Y. 25904
Brunel, A. *see* Smith, I.W. 23718
Brunel, M., Bretenaker, F., Le Floch, A. Tunable optical microwave source using spatially resolved laser eigenstates 55570
Brunel, M., Canva, M., Brun, A., Chaput, F., Boilot, J.-P. Dynamics and tuning ranges of reverse saturation absorption of organically doped xerogels 14384
Brunel, M., Vallet, M., Le Floch, A., Bretenaker, F. Differential measurement of the coupling constant between laser eigenstate 55575
Brunel, M. *see* D'Anna, E. 906
Brunel, M. *see* Debbagh, F. 917
Brunelle, R.D., Kapur, K.C. Customer-centered reliability methodology 52353
Brunelli, B., Casadei, D., Serra, G., Tani, A. Active damping control for electrodynamic suspension systems without mechanical transducers 9644
Brunelli, R., Poggio, T. Template matching: matched spatial filters and beyond 57199
Bruner, N. *see* Antos, J. 37373
Bruner, N.L. *see* Seidel, S.C. 37387
Brunet, J.M. *see* Becks, K.H. 59228
Brunet, M. *see* Boy, J.J. 23265
Brunet, M. *see* Cuminal, M.-P. 44089
Brunet, M. *see* Guillemot, P. 27373
Brunet, P. *see* Tournie, E. 770
Bruneteau, A.M., Courteille, C., Leroy, R., Bacal, M. Investigation of two negative hydrogen ion sources. Effect of the volume 37182
Brunett, B.A., David, D.C., Gilbert, T.S., Schlesinger, T.E., van Scyoc, J.M., James, R.B. Two-dimensional photocurrent mapping of mercuric iodide detector crystals 37310
Brunett, B.A. *see* Toney, J.E. 37317
Brunetti, A. *see* Alfano, B. 28268
Brunetti, L., Petrizzelli, M. Noise measurements on standard RF power meters 36367
Brunetti, L. *see* Andreone, D. 27858
Brunetti, L. *see* Pisani, U. 41392
Brunetti, M.T. *see* Bazzano, A. 7799
Brunetto, N. *see* Parisini, A. 41818
Brunfeld, A. *see* Toker, G. 17673
Brungart, T.A., Meyer, G.A., Lauchle, G.C. Flow in automotive alternators 19714
Brunger, W. *see* Heuberger, A. 12833
Bruni, C., De Santis, A., Koch, G., Sinisgalli, C. Identification of discontinuities in blurred noisy signals 56582
Bruni, M. *see* Vespasiani, G. 18180
Bruni, M.R., Kaciulus, S., Mattogno, G., Righini, G. Interface abruptness in strained III-V heterostructures 2041
Bruni, R.J. *see* Romaine, S.E. 28538
Bruning, A.M. *see* Danikas, M.G. 13263
Bruning, A.M. *see* Danikas, M.G. 54892
Bruning, C. *see* Hasselmann, S. 8500
Bruning, O. Beam-beam observations in HERA 17948
Brunink, J.A.J. *see* Di Natale, C. 27463
Bruniquel, J. *see* Lopes, A. 16916
Brunner, F. *see* Kurpas, P. 42964
Brunner, H. On the discretization of differential and Volterra integral equations with variable delay 30650
Brunner, H., Hierholzer, M., Laska, T., Porst, A., Spanke, R. 3300 V IGBT module for traction application 40882
Brunner, H., Laska, T., Porst, A. IGBT cell optimization with simulation and comparison with measurements 40886
Brunner, H., Schulze, H.-J. Temperature dependence of avalanche coefficients for Si in simulation and measurements 40885
Brunner, J. *see* Emge, S. 27614
Brunner, J. *see* Emge, S. 58786
Brunner, K. *see* Houghton, D.C. 42240
Brunner, K. *see* Liu, Z.X. 22352
Brunner, M., Schmid, R., Schwedes, T. Electron-beam testing of AMLCDs 13712
Brunner, R., Bietsch, A., Hollricher, O., Marti, O. Distance control in near-field optical microscopy with piezoelectrical shear-force detection suitable for imaging in liquids 43597
Brunner, R.S. *see* Bassler, B.T. 48373
Brunner, T.A., Ferguson, R.A. Approximate models for resist processing effects 2509
Brunner, T.A., Mih, R.D. Simulations and experiments with the phase shift focus monitor 2512
Brunner, T.A. *see* Kirk, J.P. 2527
Brunnschweiler, A. *see* Koch, M. 23083
Brunnschweiler, A. *see* Koch, M. 32568
Brunnstrom, K., Stoddart, A.J. Genetic algorithms for free-form surface matching 15569
Bruno, A.C., Hall Barbosa, C., Scavarda, L.F. Electric current injection NDE using a SQUID magnetometer 40713
Bruno, C. Using CARL UnCover Reveal to enhance research in a small special library 26162
Bruno, C. *see* Carapellucci, R. 19578,
Bruno, G., Capezzuto, P., Losurdo, M. Chemistry and kinetics of the interaction of hydrogen atoms with (100) InP surfaces: an in situ real-time ellipsometric study 22601
Bruno, G., Losurdo, M., Capezzuto, P. On the use of remote RF plasma source to enhance III-V MOCVD technology 40361
Bruno, G. *see* Cicala, G. 861
Bruno, J.G., Collard, S.B., Kuch, D.J., Cornette, J.C. Preliminary survey of electrochemiluminescence from tunicate and other biological samples 38115
Bruno, L. Lasting legacy: browsing big iron on the Web 16280
Bruno, L. IPX/IP gateways: Beyond the language barrier 16314
Bruno, L. Directory services tie it all together 47183
Brunori, G., Caianiello, P. Adaptive heuristic search for intractable problems 468
Bruns, D.R. *see* Luchau, D.W. 18695
Bruns, H.-D., Singer, H., Schlagenhaufer, F. Coupling of inhomogeneous fields into cables over discretized metallic ground planes of finite extent 45189
Bruns, H.-D. *see* Singer, H. 45239
Bruns, M.W. *see* Hendricks, T.J. 43813
Brunson, K.M. *see* Tenbroek, B.M. 13119
Brunt, P. Iridium(R): overview and status 16562
Brunt, R.J.Van *see* Van Brunt, R.J.
Brunthaler, G., Dietl, T., Sawicki, M., Stoger, G., Jaroszynski, J., Prinz, A., Schaffler, F., Bauer, G. Metal-insulator transition in Sb-doped short-period Si/SiGe superlattices 2204
Brunthaler, G. *see* Mariette, H. 12721
Brunthaler, G. *see* Straub, H. 12255
Brunton, A.N., Lees, J.E., Fraser, G.W., Tremsin, A.S., Feller, W.B., White, P.L. MCP based X-ray collimators for lithography of semiconductor devices 37532
Brusadin, A. *see* Orsitto, F. 36574
Brusaferri, L., Sanguinetti, S., Grilli, E., Guzzi, M., Bignazzi, A., Bogani, F., Carraresi, L., Colocci, M., Bosacchi, A., Frigeri, P., Franchi, S. Thermally activated carrier transfer and luminescence line shape in self-organized InAs quantum dots 12378
Brusaferri, L. *see* Galbiati, N. 12275
Bruscaglioni, P. *see* Fort, A. 8019
Bruscaglioni, P. *see* Mannoni, A. 27089
Bruschi, A. *see* Simonetto, A. 8208
Bruschi, P., Diligenti, A., Nannini, A. Gas sensing with conducting polymer thin film resistors obtained from commercial photoresist patterns 58891
Bruschke, A.V.G. *see* Levert, J.V. 37815
Bruschke, A.V.G. *see* Levert, J.V. 37817
Brush, J.S. Classifying transient signals with nonlinear dynamic filter banks 25042
Brush, R.J.H. *see* Jawad, A.J. 36053
Brusic, V., Yang, C.H. Electrochemical study of an Al-Cu alloy exposed to reactive ion etching 54485
Bruske, J., Hansen, M., Riehn, L., Sommer, G. Adaptive saccade control of a binocular head with dynamic cell structures 15868
Brussel, H.Van *see* Van Brussel, H.
Bruston, J. *see* Kim, M. 34300
Brutch, P.C. *see* Hamilton, J.A., Jr. 26143
Bruton, L.T., Bartley, N.R., Liu, Z. On the classification of moving objects in image sequences using 3D adaptive recursive tracking filters and neural networks 15505
Bruton, L.T. *see* Kulach, C.J. 1601
Bruton, L.T. *see* Kulach, C.J. 5552
Bruton, L.T. *see* Provine, J.A. 5181
Bruton, T. *see* Luque, A. 29150
Bruton, T. *see* Sala, G. 38650
Brutsch, R., Allison, J., Thaler, T. Factors determining cost and quality of the electrical insulation in the VPI-process 9183
Brutscher, J. *see* Mandl, S. 54361
Bruun, E. Analysis of the noise characteristics of CMOS current conveyors 53403
Bruun, E. *see* Feng Ning 12931
Bruun, H.H. Hot-film anemometry in liquid flows 17249
Bruyant, N. *see* Machmoum, M. 50461
Bruyere, F. *see* Clesca, B. 16828
Bruyere, F. *see* Nouchi, P. 13598
Bruyland, I. *see* Fan, F. 25321
Bruyn Ouboter, R.de *see* de Bruyn Ouboter, R.
Bruyndonckx, P. *see* Liu Xuan 37669
Bruyndoncx, V. *see* Bruynseraede, Y. 32920
Bruynseraede, C. *see* de Boeck, J. 30825
Bruynseraede, Y., Baert, M., Bruyndoncx, V., Chien, C.J., Eom, J., Metlushko, V.V., Neuttiens, G., Puig, T., Rosseel, E., Strunk, C., Temst, K., van Bael, M.J., Chandrasekhar, V., van Haesendonck, C., Moshchalkov, V.V. New phenomena in nanostructured materials 32920
Bruzek, C.E., Sulten, P., Mocaer, P., Mougenot, P., Peltier, F., Grunblutt, G. Development of superconducting wires for fusion application 55102
Bruzzese, R. *see* de Lisio, C. 55898
Bruzzi, M. *see* Bigger, U. 7814
Bruzzi, M. *see* Bigger, U. 7827
Bruzzi, M. *see* Borchi, E. 7812
Bruzzone, L., Roli, F., Serpico, S.B. Improving change detection accuracy by exploiting multispectral information 56609
Bruzzone, L. *see* Serpico, S.B. 57070

Bruzzone, P., Ten Kate, H.H.J., Nishi, M., Shikov, A., Minervini, J., Takayasu, M. Bench mark testing of Nb_3Sn strands for the ITER model coil 55100
Bruzzone, P. *see* Nijhuis, A. 43867
Bruzzone, S.P. *see* Fite, J.D. 24957
Bryan, J.E., Seyed-Yagoobi, J. Development of a unique facility to measure electrical properties of dielectric liquids over a large range of temperature and pressure 27839
Bryan, J.E. *see* Szymonski, V.G. 29515
Bryan, K.M. *see* Anderson, C.W. 20687
Bryan, N. *see* Davatzikos, C. 18269
Bryan, R.E., Fuld, R.B. An objective approach to advanced control room alarm management 30109
Bryan, R.N. *see* Davatzikos, C. 18390
Bryan, S.J. *see* Nguyen, H.T. 33598
Bryan, U., Li, F., Ball, R.F. Classification of demand supply points in groups 19254
Bryan, W.D. *see* Nguyen, H.G. 8626
Bryan, W.L. *see* Britton, C.L., Jr. 59321
Bryan, W.L. *see* Smith, R.S. 59336
Bryan George, E., McCree, A.V., Viswanathan, V.R. Variable frame rate parameter encoding via adaptive frame selection using dynamic programming 14914
Bryan George, E. *see* McCree, A. 14896
Bryanston-Cross, P.J. *see* Burnett, M. 36975
Bryanston-Cross, P.J. *see* Zhang, Z. 36903
Bryanston-Cross, P.J. *see* Zhige Zhang 36910
Bryanston-Cross, P.J. *see* Zuobin Wang 7392
Bryanston-Cross, P.J. *see* Zuobin Wang 7640
Bryanston-Cross, P.J. *see* Zuobin Wang 44836
Bryant, D. *see* Hanson, J. 8272
Bryant, D.L. *see* Yusoff, M.M.B.M. 24473
Bryant, G. *see* Chauvet, M. 24104
Bryant, G.H. *see* Carter, L.J. 8605
Bryant, G.W. Quantum dots in quantum well structures 31994
Bryant, G.W. *see* Hsu, J.W.P. 55167
Bryant, J. *see* Pagurek, B. 35649
Bryant, J.M. Understanding operational amplifier noise and data sheet definitions 21496
Bryant, J.M. Interpreting the DC specifications of data converters 41263
Bryant, M. Profibus features intrinsic safety, interoperability 16265
Bryant, P.J. Neutron spallation sources in Europe 18074
Bryant, R.E. *see* Chen, Y.-A. 11359
Bryant, R.G. *see* Namkung, M. 3229
Bryce, A.C. *see* Camacho, F. 23894
Bryce, A.C. *see* Camacho, F. 55664
Bryce, A.C. *see* Krauss, T.F. 44532
Bryce, A.C. *see* Lamond, C. 23895
Bryce, A.C. *see* McIlvaney, K. 32103
Bryce, A.C. *see* McKee, A. 12507
Bryce, A.C. *see* Marsh, J.H. 3450
Bryce, A.C. *see* Ooi, B.S. 42190
Bryce, A.C. *see* Ooi, B.S. 55291
Bryce, C. *see* Hochberg, A. 39792
Bryce, J.E. *see* Bolognesi, C.-R. 13014
Bryden, K.J. *see* Trudeau, M.L. 11841
Bryerton, E.W., Shiroma, W.A., Popovic, Z.B. A 5-GHz high-efficiency class-E oscillator 11714
Brylevsky, V.I., Efanov, V.M., Kardo-Sysoev, A.F., Smirnova, I.A., Tchashnicov, I.G. Power fast modulator thyristors 51404
Brylevsky, V.I., Efanov, V.M., Kardo-Sysyev, A.F., Tchashnicov, I.G. Power nanosecond semiconductor opening plasma switches 51405
Bryner, N. *see* Mulholland, G.W. 48340
Bryngdahl, O. *see* Fetthauer, F. 25257
Bryngdahl, O. *see* Fetthauer, F. 44770
Bryngdahl, O. *see* Scheermesser, T. 57136
Bryngdahl, O. *see* Stroot, C. 25552
Bryngdahl, O. *see* Wesskamp, B. 14449
Bryngdahl, O. *see* Zeggel, T. 35110
Brynzar', V.I. *see* Dorogan, V.V. 13833
Bryson, G.M., Tindall, C.E., Martin, J.P. Design synthesis and analysis of small alternators using finite element techniques 19705
Bryszewska, A. *see* Mazurek, W. 19668
Bryuzgin, A.M. *see* Chernov, V.M. 54896
Bryzek, J. Impact of MEMS technology on society 2864
Brzakovic, D. *see* Vujovic, N. 59559
Brzakovic, D.P. *see* Bakic, P.R. 25556
Brzakovic, D.P. *see* Vujovic, N.S. 35087
Brzezinka, K.-W. *see* Kautek, W. 905
Brzezinski, K.M. On the correct implementation of telecommunications protocols 5836
Brzobhaty, J. *see* Adamcik, I. 9884
Brzozka, K., Gawronski, M., Jezuita, K. Influence of chemical disorder on the critical behaviour of FeNi-based amorphous ferromagnets 3066
Brzozka, Z. *see* Wroblewski, W. 48436
Brzozowski, A. *see* Nossarzewska-Orlowska, E. 1964
Bschwierzi, B. *see* Burnus, M. 17377
Bu, Y. *see* Chtchekine, D.G. 40314
Bu Jianrong *see* Jianrong Bu
Bu Jong-Uk *see* Jong-Uk Bu
Buah, P.A., Rahman, B.M.A., Grattan, K.T.V. Numerical study of soliton switching in active three-core nonlinear fiber couplers 55213
Buamud, M.S. *see* Lo, K.L. 8743
Buamud, M.S. *see* Tumay, M. 9589
Bub-Joo Kang *see* Hyung-Rae Park 6612
Bubb, S.C. *see* Palfreyman, I.G. 9017
Bubel, G. *see* Uschitsky, M. 16520
Buber, V.B. Calculations of gamma induced electromagnetic field in a cavity 44861
Bublinski, Z. *see* Mikrut, Z. 59445
Bublitz, J. *see* Blanke, T. 18925
Bubna, K. *see* Stewart, C.V. 15826
Bubnov, M.M., Dianov, E.M., Golant, K.M., Khrapko, R.R., Semjonov, S.L., Shchebunjaev, A.G., Tomashuk, A.L. Low-loss silicon oxynitride optical fibres 13596
Bubnov, M.M. *see* Dianov, E.M. 23812
Bubnova, A.E. *see* Neifel'd, E.A. 54060
Bubulac, L.O., Bajaj, J., Tennant, W.E., Zandian, M., Pasko, J., McLevige, W.V. Characteristics and uniformity of group V implanted and annealed HgCdTe heterostructure 2099
Bubulac, L.O. *see* Bajaj, J. 708
Buc, D., Kromka, A., Hotovy, I., Cerven, I. Deposition of AlN films by unbalanced reactive magnetron sputtering 10825
Bucalossi, J. *see* Jacquot, C. 37177
Bucalossi, J. *see* Pamela, J. 36993
Bucaro, J.A., Lagakos, N., Houston, B.H., Kraus, L. Large area planar fiber optic accelerometers for measurement of acoustic velocity 17875
Buccafusca, O., Chilla, J.L.A., Rocca, J.J., Feld, S., Wilmsen, C., Morozov, V., Leibenguth, R. Transverse-mode dynamics in vertical-cavity surface-emitting lasers excited by fast electrical pulses 23995
Buccafusca, O. *see* Menoni, C.S. 22336
Buccella, C. Computation of V-I characteristics in electrostatic precipitators 24375
Buccheri, P. *see* Ala, G. 8962
Bucci, C. *see* Alessandrello, A. 7819
Bucci, C. *see* Alessandrello, A. 37480
Bucci, C. *see* Alessandrello, A. 59340
Bucci, D.V. *see* Bahr, D.F. 10906
Bucci, G., Cagnoni, S., De Dominicis, R. Integrating content-based retrieval in a medical image reference database 15427
Bucci, L. *see* Andryakov, A. 37226
Bucci, O.M., D'Elia, G., Migliore, M.D. Optimal plane-polar field interpolation in time domain 33799
Bucci, O.M., D'Elia, G., Romito, G. Synthesis technique for scanning and/or reconfigurable beam reflector antennas with phase-only control 14713
Bucci, O.M., D'Elia, G., Romito, G. Optimal synthesis of reconfigurable conformal arrays with phase only control 34399
Bucci, O.M., Gennarelli, C., Riccio, G., Savarese, C. Non-redundant representation of electromagnetic fields over a cylinder: an effective source modelling for elongated antennas 34181
Bucci, R. *see* Fiorini, R.A. 49713
Bucciolini, M. *see* Taccetti, F. 59774
Buch, P., Kuh, E.S. SYMPHONY: a fast mixed signal simulator for BiMOS analog/digital circuits 54823
Buch, P., Lin, S., Nagasamy, V., Kuh, E.S. Techniques for fast circuit simulation applied to power estimation of CMOS circuits 22986
Buch, P. *see* Lennard, C.K. 11325
Buchaillot, L. *see* Minotti, P. 3023
Buchal, C. *see* Brulisauer, S. 13651
Buchal, C. *see* Brulisauer, S. 14335
Buchal, C. *see* Jaumann, M. 2578
Buchal, C. *see* Pliska, T. 33058
Buchal, Ch. *see* Fluck, D. 13671
Buchali, F. *see* Ambrosy, A. 26745
Buchalla, H., Flohr, T., Pfeiffer, W. Digital signal processing methods for interference recognition in partial discharge measurement–a comparison 2964
Buchan, L.W., Murray, A.F., Reekie, H.M. Floating gate memories for pulse-stream neural networks 41367
Buchanan, B. *see* Cross, J. 36175
Buchanan, D.A. *see* Farmer, K.R. 2580
Buchanan, D.A. *see* Lo, S.-H. 54648
Buchanan, D.N.E. *see* Hellman, E.S. 21251
Buchanan, G. *see* Pridmore, J. 41210
Buchanan, J.T. *see* Corner, J.L. 52436
Buchanan, M. *see* Ershov, M. 48538
Buchanan, M. *see* Ershov, M. 48554
Buchanan, M. *see* Hynynen, K. 8102
Buchanan, M. *see* Khanna, S.M. 27587
Buchanan, M. *see* Liu, H.C. 17370
Buchanan, M. *see* Liu, H.C. 48656
Buchanan, M. *see* Liu, H.C. 48664
Buchanan, M. *see* Perera, A.G.U. 48530
Buchanan, M. *see* Piva, P.G. 44599
Buchanan, M. *see* Roth, A.P. 10708
Buchanan, M. *see* Yang, R.Q. 44293
Buchanan, M. *see* Yuan, H.X. 48509
Buchanan, M.C. Technology-based community service 20701
Buchanan, W. *see* Hegedus, S. 39148
Buchanan, W.J., Gupta, N.K. A novel parallel processing synchronization method for observing electric fields in and around PCBs 41574
Buchanan, W.W., Rahrooh, A. Computer laboratory simulation in electrical engineering technology analog and digital courses 39617
Buchanov, V.V., Kazaryan, M.A., Molodykh, E.I., Shcheglov, V.A. Metal-vapor lasers with a high flow rate 13917
Buchanov, V.V., Molodykh, E.I., Ryazanskaya, L.A., Tykotskii, V.V. Outlook for parameters of CW copper-vapor lasers 13916
Buchanov, V.V. *see* Arlantsev, S.V. 13953
Buchberger, P. *see* Scherer, K.P. 32585
Buchenel, B., Germond, A., Piras, A., Jaccard, Y., Imhof, K., Bernascon, J., Dondi, P. Load forecasting with neural nets: prediction of the hourly load with a time horizon of up to seven days–a common project of EOS, EPFL and ABB 19249
Buchenrieder, K. *see* Schulz, S. 51820
Bucher, E. *see* Fath, P. 39217
Bucher, E. *see* Kloc, Ch. 30711
Bucher, E. *see* Lisunov, K.G. 31896
Bucher, E. *see* Nateprov, A. 61082
Bucher, E. *see* Nigge, K.-M. 674
Bucher, K. *see* Green, M.A. 20028
Bucher, K. *see* Green, M.A. 51605
Bucher, M., Lallement, C., Enz, C., Krummenacher, F. Accurate MOS modelling for analog circuit simulation using the EKV model 13098
Bucher, M. *see* Lallement, C. 2783
Bucher, P. *see* Zangari, G. 3144
Buchhave, P., Lyuksyutov, S., Vasnetsov, M., Heyde, C. Dynamic spatial structure of spontaneous beams in photorefractive bismuth silicon oxide 14440
Buchhave, P. *see* Kukhtarev, N. 14450
Buchhave, P. *see* Vasnetsov, M. 55927
Buchheit, C.D. *see* Rodriguez, M.A. 54948
Buchheit, N. *see* Pratmarty, D. 51834
Buchholz, D.B. *see* Hinterlong, S.J. 35886
Buchholz, D.B. *see* Lentine, A.L. 3660
Buchholz, D.B. *see* Lentine, A.L. 33316
Buchholz, D.B. *see* Lentine, A.L. 58290
Buchholz, F.-I. *see* Kessel, W. 21567
Buchholz, M. *see* Zhou, Z.-L. 7793
Buchhorn, M. *see* Hawick, K.A. 58249
Buchin, E.Yu., Prokaznikov, A.V., Churilov, A.B., Obraztsova, E.D., Ushakov, V.V. Features of porous silicon formation under mechanical stresses 31743
Buchinger, E. *see* Dai, M. 23681
Buchinsky, O., Blumin, M., Sarfaty, R., Fekete, D. Ultra-low transparency current density of strained quantum well lasers by coupling with n-type δ-doped layer 44579
Buchinsky, O., Blumin, M., Sarfaty, R., Fekete, D., Orenstein, M., Eisenstein, G. n-type delta doped strained quantum well lasers for improved modulation bandwidth 44542
Buchmaier, N. *see* Wust, M. 29137
Buchman, A. *see* Namkung, M. 3229
Buchman, P.E. *see* Yarmonenko, S.P. 49772
Buchman, S., Everitt, F., Parkinson, B., Turneaure, J., Keiser, M., Taber, M., Bardas, D., Lockhart, J., Muhlfelder, B., Mester, J., Yueming Xiao, Gutt, G., Gill, D., Brumley, R., DiDonna, B. Experimental techniques for gyroscope performance enhancement for the Gravity Probe B relativity mission 7545
Buchmann, L.-M. *see* Bruenger, W.H. 22715
Buchner, H., Schmuck, F., Zanetti, A., Zingg, A., Barsch, R., Jahn, H. Description of a complex test programme for the evaluation of outdoor ageing-relevant properties of silicon rubber 43566
Buchner, P., Fender, M. Compensation of low frequency harmonics caused by parallel operating AC converters 9388
Buchner, P., Michalke, N., Geelhaar, T. A model installation for research and teaching of invertor-network reactions 19841
Buchner, P., Strop, J. Model for young engineers simulates power converter interferences 9371
Buchner, S., Campbell, A.B., Weatherford, T., Knudson, A., McDonald, P., McMorrow, D., Fischer, B., Metzger, S., Schlog, M. Charge collection in GaAs MESFET circuits using a high energy microbeam 23012
Buchner, S. *see* Knudson, A.R. 23084
Buchner, S. *see* McMorrow, D. 22888
Buchner, S. *see* Musseau, O. 22994
Buchner, S. *see* Reed, R.A. 22748
Buchner, T., Zebrowski, J.J., Poplawska, W., Baranowski, R. Statistical properties of pattern entropy of HRV dynamics in 24-hour Holter ECG 49601
Buchner, T. *see* Zebrowski, J.J. 49597
Bucholc, K. A circuit for high-speed time switching 41030
Bucholz, B., Voges, E. Polarisation insensitive arrayed-waveguide grating multiplexers with ion-exchanged waveguides in glass 16666
Bucholz, B., Voges, E. Planar arrayed-waveguide grating multi/demultiplexers based on ion-exchanged waveguides in glass 58337
Bucholtz, C. Ups and downs of ISDN testing 16359
Bucholtz, C. Embracing Internet telephony 35668
Buchta, S. *see* Cigan, A. 43785
Buchtemann, A. *see* Danz, R. 54876
Buchter, S. *see* Cassanho, A. 55593
Buchvarov, I. *see* Dreischub, A. 33718
Buchvarov, I. *see* Dreischuh, A. 7621
Buchvarov, I. *see* Saltiel, S. 4046
Buchvarov, I. *see* Saltiel, S. 14383
Buchwalter, S.L. *see* Pompeo, F.L. 30290
Buchwalter, S.L. *see* Shaw, J.M. 10229
Buchwitz, G.R. Talking GPS locating system 7019
Buck, B.J., Geen, M.W., Dearn, A.W., Long, A.P., Melvin, S.P., Devlin, L.M., Clifton, J.C. GaAs MMICs for 5.2 GHz HIPERLAN 53650
Buck, B.J. *see* Devlin, L.M. 58116
Buck, D. *see* Small, M. 42721

Buck, M. *see* Fiedler, U. 44570
Buck, P., Dogariu, A., Hagan, D.J., Van Stryland, E.W. Femtosecond continuum probe measurements of nonlinearities of organic dyes 24214
Buck, T.J. Discrete wiring: a systems approach to high speed design problems 10107
Buck, T.J. *see* Thueringer, R. 11961
Buck, W. New generation of converters far rail vehicle auxiliary power supplies 9669
Buckanin, B. *see* Kanahele, D.L. 18637
Buckberry, C.H. *see* Valera, J.D.R. 7595
Bucken, R. HDTV in Japan: between test phase and regular operation–the European 16:9 market needs to catch up 7071
Buckheit, J.B., Donoho, D.L. Time-frequency tilings which best expose the non-Gaussian behavior of a stochastic process 34899
Buckheit, J.B. *see* Perlmutter, K.O. 25412
Buckingham, R.O., Graham, A.C. Computer controlled redundant endoscopy 28395
Buckland, E.L., Boyd, R.W., Evans, A.F. Observation of a Raman-induced interpulse phase migration in the propagation of an ultrahigh-bit-rate coherent soliton train 55885
Buckland, K.N., Lehner, M.J., Masek, G.E. Detection of neutron-induced nuclear recoils in a low-pressure gaseous detector for particle dark matter searches 37414
Buckle, P.D., Dawson, P., Kuo, C.-Y., Lynch, M.A., Missous, M., Roberts, A.H., Truscott, W.S. Prospects for real power sources based on quantum mechanics 53636
Buckles, W.E. *see* Niemann, R.C. 39255
Bucklew, J.A. *see* Zerai, A.A. 34856
Buckley, D.J. *see* Pattey, E. 8468
Buckley, D.L. *see* Gibbs, P. 8004
Buckley, D.L. *see* Mussurakis, S. 18221
Buckley, E., Kao, M., Lee, B. Technology options for improved ITC test and alignment 12077
Buckley, E., Lee, B. CRT display test and alignment automation: integrated vs. non-integrated solutions 17659
Buckley, E.N. Value-added technology transfer: a pioneering NOAA system linking marine technologies with entrepreneurs 50166
Buckley, G.S., Roland, C.M. Reversible optical data storage on poly(ethylene terephthalate) 43926
Buckley, J.J., Eslami, E. Fuzzy plane geometry. I. Points and lines 40042
Buckley, J.J., Eslami, E. Fuzzy plane geometry. II. Circles and polygons 52473
Buckley, J.J., Eslami, E., Hayashi, Y. Solving fuzzy equations using neural nets 40071
Buckley, K., Venkatesan, G., West, D., Kaveh, M. Detection and characterization of cracks for failure monitoring and diagnostics 21407
Buckley, K.M. *see* Radich, B.M. 45882
Buckley, K.M. *see* Vaidyanathan, C. 16526
Buckley, K.M. *see* Vaidyanathan, C. 18470
Buckley, K.M. *see* Vaidyanathan, C. 28366
Buckley, L., Snow, A.W. Physical properties and microelectronic applications of low permittivity fluoromethylene cyanate ester resins 40688
Buckley, M.J. Linear array synthesis using a hybrid genetic algorithm 34380
Buckley, M.J., Nelson, W.S. Synthesis of a shaped beam pattern for a non-uniformly spaced, phase constrained linear array 34395
Buckley, M.J. *see* Nelson, W.S. 34396
Buckley, P. *see* Dean, D. 18391
Buckley, R.A. *see* Ahmad, I. 3107
Buckling, G. *see* Whiteman, R. 32932
Buckman, L.A., Chen, L.P., Lau, K.Y. Crosstalk penalty in all-optical distributed switching networks 26875
Buckman, L.A. *see* Park, J. 58375
Bucknall, R. *see* Juby, L. 29817
Bucknall, R. *see* Spooner, E. 9657
Buckner, W.F., Ruhle, R. The operational safety of overhead line cables 28910
Buckreuss, S. A new hybrid motion compensation system for airborne SAR based on inertial measurements and the reflectivity displacement method 16965
Buckstad, R.D., Samuda, E.F. US Army digitization and open architectures for avionics 59945
Buckton, S. *see* Jameson, D.G. 6300
Bucur, R.V., Carlsson, J.-O., Mecea, V.M. Quartz-crystal mass sensors with glued foil electrodes 43579
Buczak, A.L., Uhrig, R.E. Hierarchical fuzzy-genetic method for information fusion 15707
Buczek, D.M. *see* Scudiere, J.D. 60402
Buczkowki, S.L. *see* Zhonghai Yu 762
Buczkowski, S.L. *see* Richards-Babb, M. 21277
Buczkowski, S.L. *see* Zhonghai Yu 2013
Buczlowski, S.L. *see* Zhonghai Yu 738
Buda, B., Leifeld, O., Vollmeke, S., Schmilgus, F., As, D.J., Schikora, D., Lischka, K. Initial roughness and relaxation behaviour of MBE grown ZnSe/GaAs 12254
Buda, M., Iordache, Gh., Vlaicu, M., Cengher, D., Diaconescu, D. Symmetric SQW structure with low confinement factor for high power laser diodes 44538
Buda, M. *see* Pantelica, D. 42274
Buda, P.G.de *see* de Buda, P.G.
Budaev, B.V., Senior, T.B.A. Comment on "Diffraction by a generalized impedance half plane" by Thomas B.A. Senior [with reply] 56003
Budaguan, B.G., Sherchenkov, A.A., Aivazov, A.A. IR selective sensitivity of amorphous/crystalline silicon heterostructure 17378
Budagyan, B.G., Aivazov, A.A., Sherchenkov, A.A., Filatova, I.V. Spectral characteristics of photosensitive a-Si devices 7347
Budagyan, B.G., Sherchenkov, A.A., Aivazov, A.A. Selective photosensitivity of a-Si/c-Si heterostructures in the near IR 31959
Budai, B.T. Methods of reconstructing the images of moving objects 46014
Budai, J.D. *see* Christen, D.K. 52673
Budai, J.D. *see* Christen, H.-M. 52682
Budai, J.D. *see* Holland, O.W. 12660
Budai, J.D. *see* Lowndes, D.H. 10745
Budai, J.D. *see* Lowndes, D.H. 21317
Budai, J.D. *see* Vispute, R.D. 761
Budai, J.D. *see* Zhu, J.G. 12667
Budair, M.O. *see* Sheikh, A.K. 30118
Budal, B.T. Estimating the parameters of motion in Cartesian coordinates to enhance the accuracy with which angular coordinates are filtered 46013
Budanov, O., Prosvirnin, S. Symmetrical excitation of spherical segment by impulse dipole 45033
Budarin, L.I., Kryatov, S.V., Pogorelaya, L.M. Nitriloacetate complexes of 3d-transition metals as materials for piezoelectric ammonia detectors 17580
Buday, L. *see* Arato, A. 8173
Budde, W. *see* Bender, S. 2851
Budde, W. *see* Gottfried-Gottfried, R. 13156
Budde, W. *see* Hurrich, A. 21945
Budde, W. *see* Muller, M. 17356
Buddhudu, S. *see* Rajamohan Reddy, K. 3591
Buddhudu, S. *see* Rajamohan Reddy, K. 13830
Bude, J. *see* Jallepalli, S. 2647
Bude, J. *see* Jallepalli, S. 22859
Bude, J.D., Iizuka, T., Kamakura, Y. Determination of threshold energy for hot electron interface state generation 43074
Bude, J.D. *see* Frommer, A. 2651
Bude, J.D. *see* Jallepalli, S. 42326
Budge, M.C. *see* Turbyfill, M.E. 8667
Budge, M.R.J. *see* Drury, G.M. 17039
Budianu, E. *see* Rusu, E. 42269
Budiarto, E. *see* Son, J. 2264
Budig, P.-K. Multi-motor drives for textile machines 51906
Budig, P.-K. Simulation of power-losses and ripple-torques of inverter-fed three-phase motors 60651
Budig, P.-K. New components for high precise drives 61217
Budig, P.-K., Werner, R. Application of magnetic bearings for high-speed drives 61179
Budihardjo, I.K., Lauritzen, P.O., Mantooth, H.A. Performance requirements for power MOSFET models 21484
Budiharju, S. *see* Javanmardil, F. 59285
Budil, K.S. *see* Robey, H.F. 37570
Budimir, D. Optimized E-plane bandpass filters with improved stopband performance 41397
Budimir, D. *see* Lucyszyn, S. 11639
Budin, A.V. *see* Kolikov, V.A. 33860
Budin, J. *see* Kung, A. 23516
Budinger, A.B. *see* Byszewski, W.W. 20224
Budinger, A.B. *see* Gregor, P.D. 39405
Budka, K.C. Cellular digital packet data: channel availability 36001
Budka, T.P., Waclawik, S.D., Rebeiz, G.M. A coaxial 0.5-18 GHz near electric field measurement system for planar microwave circuits using integrated probes 11738
Budkin, A.N. Performance evaluation for mobile metrological suites 48342
Budko, P.A. *see* Fedorenko, V.V. 4764
Bud'ko, T.O. *see* Bocharova, I.A. 22320
Budnick, J. *see* Chu, C.M. 37038
Budnick, J.I. *see* Fenner, D.B. 48518
Budnick, J.I. *see* Galasso, F.S. 43748
Budnick, J.I. *see* Rossman, C.E. 23428
Budnik, A.P. *see* Alferov, Y.B. 20051
Budoh, A., Morikawa, Y., Hamada, H. Intraframe coding schemes for composite TV signals using tree structured allpass polyphase filter bank 46238
Budovsky, I. A micropotentiometer-based system for low-voltage calibration of alternating voltage measurement standards 27311
Budovsky, I. *see* Shapiro, E. 27345
Budrikis, Z., Van Luinen, S., Cantoni, A., Wittorff, V. Performance evaluation of controlled cell transfer service in ATM LAN 26172
Budrikis, Z.L. *see* Van Luinen, S. 47072
Budyak, V.S. *see* Kismereshkin, V.P. 4372
Budzanowski, M., Bilski, P., Olko, P., Delgado, A., Saez-Vergara, J.C., Waligorski, M.P.R. Short-term measurements of natural radiation using high-sensitive TL detectors 18576
Budzanowski, M. *see* Bilski, P. 49833
Budzanowski, M. *see* Niewiadomski, T. 18572
Budzier, H. *see* Norkus, V. 17490
Budzinski, C. *see* Hembd-Sollner, C. 3570
Bue, M.Lo *see* Lo Bue, M.
Buechel, M. *see* Knobloch, H. 23596
Buede, D.M. Developing originating requirements: defining the design decisions 52132
Buehler, M., Holmes-Siedle, A., Caines, C., Carmichael, C., Martin, D. Stacked p-FET dosimeter for the STRV-2 MWIR detector 28554
Buehrer, M. *see* Feil, J. 34092
Buekenhoudt, A. *see* Stephen, R. 27971
Buekenhout, F. *see* Bouzette, S. 40054
Bueker, H., Haesing, F.W., Pfeiffer, F., Schmitz, H.-J. A fiber-optic twin sensor for dose measurements in radiation therapy 58862
Buelow, S.J. *see* Smilowitz, L. 44636
Bueno, F.J.Martin *see* Martin Bueno, F.J.
Bueno, G., Fisher, M., Burnham, K. Syntactic and statistical pattern recognition in medical image based measurement system 37607
Bueno, P.R., Camargo, E., Longo, E., Leite, E., Pianaro, S.A., Varela, J.A. Effect of Cr_2O_3 in the varistor behaviour of TiO_2 13052
Bueno, P.R. *see* Pianaro, S.A. 53704
Bueong Gyu Roh *see* Yoon Ho Chung 43015
Buerger, J. *see* Eick, W. 59238
Buerger, W. *see* Friedrich, M. 49156
Buescher, S., Schulz, O., Dax, A., Kath, H., Urban, W. Improvement of the performance of cw CO lasers by using externally ribbed wall cooled discharge tubes 55507
Buesching, D. Efficiently finding bitangents 5105
Buessler, J.L., Urban, J.P., Kihl, H., Gresser, J. A neural module for the visual servoing of a robotic manipulator 58832
Buestrich, R. *see* Barthel, J. 19954
Buestrich, R. *see* Barthel, J. 19955
Bueter, T., Freeland, J., Reiner, R., Andreychek, T. Ringhals 2 steam control system reliability/thermal-hydraulic analysis 19480
Bufetov, I.A., Bufetova, G.A., Fedorov, V.B. Multi-point self-focusing of the laser radiation in the optical breakdown plasma 24180
Bufetov, I.A. *see* Dianov, E.M. 44375
Bufetova, G.A. *see* Bufetov, I.A. 24180
Buffa, D. *see* Fierro, B. 49581
Buffarini, G.G. *see* Colla, F. 29520
Buffet, J. Free convection and electrical generation with thermoelectrics 39251
Buffey, M. *see* Withington, S. 58520
Buffleben, G. *see* Cross, E.S. 37304
Bufkin, J.M., Rivero, U. Real time digital data communication system for a remotely operated ADCP 46998
Bufler, F.M., Graf, P., Keith, S., Meinerzhagen, B. Full band Monte Carlo investigation of electron transport in strained Si grown on $Si_{1-x}Ge_x$ substrates 54171
Bufler, F.M., Graf, P., Meinerzhagen, B., Kibbel, H., Fischer, G. A new comprehensive and experimentally verified electron transport model for strained SiGe 11696
Buford, J.A., Jr., Dunavant, T.S. U.S. Army Missile Command Imaging Infrared System Simulation (IIRSS) 28505
Bufton, J.L. Space-based laser altimeter technology and applications 8293
Bufton, J.L., Blair, J.B. Space laser altimetry: Laser engineering for multi-beam applications 28600
Bugaev, A.S. *see* Kul'bachinskii, V.A. 31947
Bugaev, S.P., Koval, N.N., Sochugov, N.S., Zakharov, A.N. Investigation of a high-current pulsed magnetron discharge initiated in the low-pressure diffuse arc plasma 21354
Bugaev, S.P., Kuvshinov, V.A., Sochugov, N.S., Khryapov, P.A. Deep-cleaning air of hydrocarbon impurities in a barrier discharge 18915
Bugajski, M., Reginski, K., Godlewski, M., Bergman, J.P., Monemar, B., Muszalski, J., Kaniewska, M. Time- and energy-resolved photoluminescence study of interface quality in AlGaAs/GaAs quantum wells 12400
Bugajski, M. *see* Godlewski, M. 12435
Bugajski, M. *see* Kaniewska, M. 3816
Bugajski, M. *see* Kaniewska, M. 14118
Bugajski, M. *see* Lepkowski, S.P. 3814
Bugajski, M. *see* Radomska, D. 3815
Buganov, O.V. *see* Borisevich, N.A. 14047
Bugarin, J. *see* Dorrio, B.V. 17766
Bugg, W.M. *see* Kotseroglou, T. 33602
Bugge, F. *see* Erber, G. 55670
Bugge, F. *see* Knauer, A. 40357
Bugge, F. *see* Sato, M. 42135
Bugge, J. *see* Villsboll, N. 29188
Bugge, J. *see* Vilsboll, N. 60626
Buggs, P. *see* Sloman, A.W. 17254
Bugiel, E. *see* Osten, H.J. 22280
Bugli, M. *see* Moscone, D. 59396
Bugong Xu *see* Xuerong Mao 39977
Bugong Xu *see* Xu Bugong
Bugrov, A.E., Gus'kov, S.Yu., Rosanov, V.B., Burdonskii, N., Gavrilov, V.V., Gol'tsov, A.Yu., Zhuzhukalo, E.V., Koval'skii, N.G., Pergament, M.I., Petryakov, V.M. Interaction of a high-power laser beam with low-density porous media 55760
Bugrov, V.E., Zubrilov, A.S. Waveguide properties of gallium, aluminum, and indium nitride heterostructures 44486
Bugwadia, J. *see* Chang, C.K. 47748
Bugyi, R. *see* Dmowski, A. 9398
Bugyi, R. *see* Dmowski, A. 9414
Buhan, C.Le *see* Le Buhan, C.
Buhariwala, K. *see* Ma, O. 28542
Buhl, D., Lang, T., Gauckler, L.J. Critical current density of Bi-2212 thick films processed by partial melting 32895
Buhl, L.L. *see* Khan, M.N. 13697
Buhleier, R., Collet, J.H., Bardinal, V., Fontaine, C., Legros, R., Hubner, M., Kuhl, J. Enhanced four-wave mixing diffraction efficiency in bulk GaAs microcavities at room temperature 33704

Buhler, J., Steiner, F.-P., Hauert, R., Baltes, H. Linear array of complementary metal oxide semiconductor double-pass metal micromirrors 54854
Buhler, J. *see* Baltes, H. 43407
Buhler, J. *see* Funk, J.M. 43389
Buhler, M. *see* Gumm, M. 9876
Buhler, S., Blache, P., Chevrollier, R., Junquera, T., Colombel, N., Panvier, R., Gastebois, J. Status report of the TTF capture cavity cryostat 49018
Buhler, S. *see* Garvey, T. 49193
Buhlmann, H.-J. *see* Jeanneret, B. 27244
Buhlmeier, A. *see* Rossmann, M. 11633
Buhmann, J.M. *see* Frohlinghaus, T. 5109
Buhmann, J.M. *see* Hofmann, T. 14842
Buhmann, J.M. *see* Hofmann, T. 25620
Buhmann, J.M. *see* Hofmann, T. 57506
Buhre, K.D. *see* Meherzi-Maghraoui, H. 30867
Buhrer, R., Schaub, M. Competence in multimedia communication: the Hyperstudio and Hyperparc project at Muttenz 6337
Buhrman, R.A. *see* Ellis, K.A. 42614
Buhrow, T. *see* Schikora, D. 782
Buhua Wang *see* Wang Buhua
Bui, A. *see* Meshkatoddini, M.R. 19802
Bui, A. *see* Meshkatoddini, M.R. 28957
Bui, D. *see* Jouve, D. 61197
Bui, L.X., Morin, G. Some experiences in power system simulation using electromagnetic transient programs 19216
Bui, N.D. Effect of the finite source material on electromigration performance of a novel interconnect test structure 42758
Bui Nguyen *see* Nguyen Bui
Bui Tin Huu *see* Halasz, S. 38878
Bui-Van Que *see* Que Bui-Van
Buijs, M. *see* Chao, L.-L. 33559
Buijs, M. *see* Grillo, D.C. 3907
Builo, S.I. Probability-information aspects of evaluation of the reliability of results of nondestructive inspection and diagnostics of the strength of solids 52908
Builtjes, J.H. *see* Wahle, A. 35754
Buinovskii, A.S., Sofronov, V.L., Anisimov, L.D., Shtefan, Yu.P., Nadekhin, S.N., Belyaev, Yu.E., Buinovskii, P.A., Kachurovskii, A.N. Magnetic properties of the Nd-Fe-B magnets produced by the fluoride method 3242
Buinovskii, A.S., Sofronov, V.L., Babenyshev, V.V., Makaseev, Yu.N., Savchuk, I.A., Shtefan, Yu.P. Fabrication of ring magnets with radial magnetization 3240
Buinovskii, A.S., Sofronov, V.L., Shtefan, Yu.P., Chizhikov, V.S., Kondakov, V.M., Kobzar, Yu.F. Production of the Nd-Fe-B-based magnetic materials from fluorides 3241
Buinovskii, P.A. *see* Buinovskii, A.S. 3242
Buist, A.H. *see* McCartney, M.R. 22188
Buist, R.J., Lau, P.G. Theoretical analysis of thermoelectric cooling performance enhancement via thermal and electrical pulsing 39235
Buist, R.J. *see* Lau, P.G. 39234
Buist, R.J. *see* Nagy, M.J. 30326
Buist, R.J. *see* Ritzer, T.M. 30327
Buitrago, R.H. *see* Schmidt, J.A. 23651
Buiu, O. *see* Cobianu, C. 40517
Buizza, A., Dell'Aquila, T., Giribona, P., Spagno, C. The performance of different pressure pulse generators for extracorporeal lithotripsy: a comparison based on commercial lithotripters for kidney stones 8095
Bujanovic, I. *see* Benis, R. 47035
Bujanovic, I. *see* Stipetic, H. 35514
Buka, A. *see* Gonzalez-Cinca, R. 30733
Bukat, K. New soldering materials 11918
Bukhari, A.H.S. *see* Ismaili, I.A. 57388
Bukhres, O. *see* Li, A. 57885
Bukhshtaber, E.Ya. *see* Fel'dman, Yu.I. 20145
Bukhteev, L.A., Dogadaev, R.V., Panchenko, V.P., Yakushev, A.A. Experimental and numerical investigation of processes in the Pamir-06 diagonal-type MHD generator charged with a solid propellant 9563
Bukin, A.D. *see* Achasov, M.N. 37251
Bukin, D.A., Dimova, T.V., Druzhinin, V.P., Golubev, V.B., Gritsan, A.V., Usov, Yu.V., Velikzhanin, Yu.S. The SND calorimeter first level trigger 37489
Bukin, D.A., Druzhinin, V.P., Golubev, V.B., Serednyakov, S.I. Scintillation counter with WLS fiber readout 37447
Bukin, D.A. *see* Achasov, M.N. 37251
Bukowinski, S., Fargues, M., Gerhardt, L., Coutu, G. Adaptive discrete cosine transform 15178
Bukowinski, S.J., Gerhardt, L., Fargues, M., Coutu, G. Lossless compression using the adaptive discrete cosine transform 15512
Bukowski, T.J. *see* Teowee, G. 54926
Buks, E., Schuster, R., Heiblum, M., Mahalu, D., Umansky, V., Shtrikman, H. Measurement of phase and magnitude of the reflection coefficient of a quantum dot 12387
Buks, E. *see* Schuster, R. 32007
Buksa, J.J., Beard, C.A., Venneri, F., Elson, J.S., Park, J.J., Prael, R.E., Waters, L.S., Davidson, J.W. Conceptual design of a thorium target for molten salt transmutation systems 7759
Buksa, J.J. *see* Beard, C.A. 7757
Buksa, J.J. *see* Park, J.J. 7765
Buksh, B., Doherty, B.S., Jordan, A.P.H. Services and tools for group editing. (An extended message handling system) 26240
Bukshpan, S. *see* Milants, K. 42370
Bukta, A. *see* Kastle, S. 37604
Bula, C. *see* Kotseroglou, T. 33602
Bulaban, S.N. *see* Pokatilov, E.P. 2186
Bulach, S. *see* Greason, W.D. 24348
Bulach, S. *see* Greason, W.D. 32344
Bulach, S. *see* Greason, W.D. 36482
Bulach, S. *see* Greason, W.D. 38431
Bulach, S. *see* Greason, W.D. 55963
Bulanov, S.N., Kotlyarov, V.V., Makarevich, O.B., Sakharov, V.L. PC based electroencephalography system "Compact-neuro" 18438
Bulat, L.P., Zakordonets, V.S. The theoretical analysis of the thermoelectric semiconducting crystalline materials figure of merit 31737
Bulatov, M.G., Raev, V.D., Skvortsov, E. Studies of rainfall footprints on the sea conducted by spaceborne SAR "Almaz" and shipborne microwave radiometers 8503
Bulatov, O.G., Zheglov, A.V., Odyn, S.V., Akiyama, Ya. Unit forming control pulses for two-state thyristors 51127
Bulatovic, S. Analysis of the influence of some parameters on reliability indices by simulation method 28726
Bulatovic, S. *see* Nahman, J. 19589
Bulatovic, S.B. *see* Popovic, D.P. 60224
Bulawka, A. *see* Das, R.S.L. 29155
Buldygin, A.F., Vdovin, A.V., Studenikin, S.A., Tokarev, A.S., Varavin, V.S. Investigation of CdHgTe film photoconductivity spectrum by microwave technique 33234
Buldygin, A.F. *see* Borodowskii, P.A. 31838
Buley, H. *see* Titkov, B. 15649
Bulgakov, E.N., Sadreev, A.F. Current-voltage characteristics of the resonant tunnelling double-barrier structure under time-periodical perturbation 2206
Bulgarelli, B. *see* Leone, A. 8438
Bulgaru, M. *see* Iovu, M. 42004
Bulinski, A. *see* Wubbenhorst, M. 54967
Bulinski, A.T. *see* Kaufhold, M. 19353
Bulinski, A.T. *see* Kaufhold, M. 43463
Bulinski, A.T. *see* Kaufhold, M. 43538
Bulinski, A.T. *see* Scarpa, P.C.N. 13268
Buliszak, M.J. *see* Lavine, J.M. 22662
Bulkeley, J. Doing business on the Net 47024
Bulkin, P.V. *see* Burger, J.P. 44398
Bulkin, V.V., Kostrov, V.V. Possibility of using the "Groza" aircraft radar in radio-meteorological measurements 18834
Bull, D.R. *see* Czerepinski, P.J. 5155
Bull, D.R. *see* Greenway, P. 24976
Bull, D.R. *see* Martin, F. 5171
Bull, D.R. *see* Redmill, D.W. 46498
Bull, D.R. *see* Redmill, D.W. 56798
Bull, D.R. *see* Redmill, D.W. 57104
Bull, D.R. *see* Sriranganathan, S. 1603
Bull, J. Developments in broadcast audio production 36312
Bulla, A. *see* Krizan, P. 59293
Bulle-Liewma, C.W.T. *see* Cowern, N.E.B. 42049
Bullemer, B. *see* Zhang, Z. 30797
Bullemer, P. *see* Cochran, E.L. 139
Buller, G.S. *see* Barrett, C.P. 13764
Buller, G.S. *see* Meredith, W. 33558
Buller, J.F. *see* Farahani, M.M. 32540
Bullions, T.A. *see* Jolly, M.R. 40701
Bullis, W.M. Characterizing microroughness and haze on silicon wafers 54018
Bullis, W.M. *see* Huff, H.R. 48883
Bullock, D. A distributed computing model for integrating advanced traffic signal peripheral devices 57949
Bullock, E.H. *see* Edwards, M.J. 36956
Bullock, M.E., Fairchild, S.R., Patterson, T.J., Haxton, R. Automated map generation and update from high-resolution multispectral imagery 18949
Bullock, M.E. *see* Patterson, T.J. 18791
Bullock, P.R. *see* Hochheim, K.P. 18939
Bullock, R. *see* Currie, A. 60104
Bullock, R.J., Voles, R., Currie, A., Griffiths, H.D., Brennan, P. Two-look method for roll correction of aircraft-borne interferometric SAR data 58474
Bullock, S.R., Reddy, B.R., Venkateswarlu, P., Nash-Stevenson, S.K., Fajardo, J.C. Energy upconversion and spectroscopic studies of ZBLAN:Er^{3+} 44644
Bullough, J., Rea, M.S. Lighting for neonatal intensive care units: some critical information for design 39412
Bullough, J., Rea, M.S., Stevens, R.G. Light and magnetic fields in a neonatal intensive care unit 8083
Bullough, M.A. *see* Eick, W. 28034
Bullough, M.A. *see* Eick, W. 59238
Bullough, R.K. *see* Joshi, A. 23721
Bullough, T.J. *see* Ashwin, M.J. 758
Bullough, T.J. *see* Davidson, B.R. 766
Bullough, T.J. *see* Westwater, S.P. 52665
Bullough, W.A. *see* Dwyer-Joyce, R.S. 982
Bullough, W.A. *see* Leek, T.H. 987
Bullough, W.A. *see* Partington, E.C. 9288
Bullough, W.A. *see* Peel, D.J. 980
Bullough, W.A. *see* Peel, D.J. 10974
Bullough, W.A. *see* Whittle, M. 971
Bullwinkel, A. *see* Calhoun, J. 9919
Bulman, G. *see* Dmitriev, V. 10880
Bulman, G. *see* Youtsey, C. 32195
Bulman, O. *see* Kong, H.-S. 13884
Bulot, M., Renault, I. Reliability studies for high voltage substations using a knowledge base: TOPASE project concepts and applications 38925
Bulovic, V. *see* Burrows, P.E. 7514
Bulovic, V. *see* Hirose, Y. 22440
Bulsara, A.R. *see* Inchiosa, M.E. 25049
Bulsari, A. *see* Saxen, H. 25731
Bult, K., Burstein, A., Chang, D., Dong, M., Fielding, M., Kruglick, E., Ho, J., Lin, F., Lin, T.H., Kaiser, W.J., Marcy, H., Mukai, R., Nelson, P., Newburg, F.L., Pister, K.S.J., Pottie, G., Sanchez, H., Sohrabi, K., Stafsudd, O.M., Tan, K.B., Yung, G., Xue, S., Yao, J. Low power systems for wireless microsensors 17268
Bulten, H.J. *see* Zhou, Z.-L. 7793
Bultheel, A., Diaz-Mendoza, C., Gonzalez-Vera, P., Orive, R. Quadrature on the half-line and two-point Pade approximants to Stieltjes functions.II. Convergence 30557
Bultheel, A., Gonzalez-Vera, P., Hendriksen, E., Njastad, O. Rates of convergence of multipoint rational approximants and quadrature formulas on the unit circle 30558
Bultheel, A., Gonzalez-Vera, P., Hendriksen, E., Njastad, O. On the convergence of multipoint Pade-type approximants and quadrature formulas associated with the unit circle 30579
Bultheel, A. *see* Jansen, M. 56708
Bulthoff, H. *see* Blanz, V. 15871
Bultman, N.K. *see* Krawczyk, F.L. 7704
Bulut, M. *see* Atmaca, H. 57469
Bulychev, O.A., Shleenkov, A.S. Magnetically sensitive transducer based on reluctance anisotropy in a thin ferromagnetic film. I. Theory and principle of operation 58960
Bulychev, Y.G., Burlai, I.V. Application of the Kotel'nikov theorem in the problem of differentiating functions with finite spectrum on a nonuniform interpolation grid 45869
Bulygin, A.R. *see* Orlov, V.V. 14473
Bulzoni, W.F., Fee, R.M. Bar code applications in the electronics industry 52166
Bum Hou Yoo *see* Yoo Bum Hou
Bum Kim Gi *see* Gi Bum Kim
Bum Kim Heung *see* Heung Bum Kim
Bum Koh Young *see* Young Bum Koh
Bum Ku Rhee, Jin Seob Byun, Van Stryland, E.W. Z scan using circularly symmetric beams 24065
Bum Ku Rhee *see* Kie Bong Nahm 27955
Bum Lee Chang *see* Chang Bum Lee
Bum Pan Sung *see* Sung Bum Pan
Bum-Jae You, Hong Jae Kim, Sang-Rok Oh, Chong Won Lee Development of an eye system for three dimensional shape reconstruction 25797
Bum-Kyoo Choi *see* Seok-Whan Chung 44149
Bum-Seek Suh *see* In-Ho Song 29455
Bum-Seok Suh, Dong-Seok Hyun A new n-level high voltage inversion system 38879
Bum-Seok Suh, Yo-Han Lee, Dong-Seok Hyun A novel multi-level inverter configuration for high voltage conversion system 38808
Bum-Seok Suh *see* Byoung-Kuk Lee 51125
Bum-Seok Suh *see* Jae-Hyeong Suh 29378
Bum-Seok Suh *see* Jae-Hyeong Suh 51190
Bum-Soo Kim *see* Eun A. Lee 40498
Bum-Youb Lee, Byoung-Gwan Kim, Duck-Jin Chung The design of the fast serial/parallel multiplier using modified Booth's algorithm 21560
Bumeliene, S. Application of modulated light to the synchronization of chaos in Al/GaAs Schottky structures 32059
Bumman Kim *see* Jin-Hi Shin 22783
Bumman Kim *see* Tae Moon Roh 13021
Bump, G.D., Rappaport, T.S. Cellular Digital Packet Data (CDPD) equipment: some practical design issues 47765
Bump, J.A. New cooler installed at Lafarge Alpena plant: fuller controlled flow grate (CFG) clinker cooler 29918
Bun Lee *see* Jong-Hyeob Baek 52627
Bunau, N.M.von *see* von Bunau, N.M.
Bunau, R.M.Von *see* Von Bunau, R.M.
Bunce, P., Gould, P. From lean to agile manufacturing 30125
Bunch, K.J., Grow, R.W. An investigation into density-wave propagation within high-temperature superconducting plasmas for use in creating traveling-wave devices 31505
Bunch, T.K., Kornhauser, A.A., Alexandrian, M.P. Efficiency of a flashing flow nozzle 29121
Bunda, S. *see* Bunda, V.V. 43833
Bunda, V.V., Bunda, S., Krivsky, V., Butorin, A., Zihika, V. Physical properties of "HTSC-photosemiconductor" hybrid contact structures 43833
Bundit, L. *see* Surapong, C. 9736
Bundy, D. Videoconferencing: into the future 16370
Bunel, P., Kone, T., Mimoun, G., Bouaoune, Y., Coscas, G. Fully automatic digital image overlaying on retinal fluorescein angiograms 28257
Bunel, P. *see* Meunier, I. 28258
Bunetel, J.C.Le *see* Le Bunetel, J.C.
Bungay, A.R. *see* Bennett, P.J. 17828
Bunger, R. *see* Matras, P. 45331
Bungey, T. *see* Currie, A. 60104
Bungey, T. *see* Gebhardt, M. 60035
Bungs, M. *see* Migge, S. 10827

Bunimovich, D., Shalem, S., Katzir, A. Effects of thermal treatment on the infrared transmission of polycrystalline silver halide fibers 33013
Bunk, G. *see* Bender, S. 2851
Bunke, H. *see* Achermann, B. 5614
Bunke, H. *see* Jiang, X.Y. 25464
Bunke, H. *see* Mori, D. 4976
Bunke, H. *see* Robmann, R. 15717
Bunkofske, R.J., Pascoe, N.T., Colt, J.Z., Smit, M.W. Real-time process monitoring [semiconductor manufacturing line] 32519
Bunn, R.M. *see* Young, N.D. 1342
Bunn, R.M. *see* Young, N.D. 17545
Bunner, M.J., Popp, M., Meyer, Th., Kittel, A., Parisi, J. Tool to recover scalar time-delay systems from experimental time series 1172
Bunning, T. *see* Natarajan, L.V. 4133
Bunning, T.J. *see* Hanlin Wang 24149
Bunse, S., Dembeck, L., Eilenberger, G., Idler, W., Lach, E., Ott, H., Wuenstel, K. Concepts and components for optical routing nodes in transparent and packet based high speed networks 16122
Bunsen Fan *see* Schlichting, W. 43918
Bunshah, R.F. *see* Talin, A.A. 12073
Bunt, R.B. *see* Chikarmane, V. 46785
Bunte, A., Grotstollen, H. Offline parameter identification of an inverter-fed induction motor at standstill 60741
Bunte, A. *see* Grotstollen, H. 9255
Bunte, A. *see* Krafka, P. 60740
Bunting, C.F., Davis, W.A. A variational functional for the finite element method 24326
Bunyak, Yu.A. Spectral analysis using the method of the shaping filter invariant to signal dynamic properties 4847
Bunyak, Yu.A. Two-dimensional spectral analysis using the method of maximum likelihood based on the linear symmetry of the correlation matrix 34821
Bunyan, J.T. *see* Tenbroek, B.M. 12920
Bunyan, R.J.T. *see* Bozeat, R.J. 23043
Bunyan, R.J.T. *see* Redman-White, W. 13144
Bunyan, R.J.T. *see* Tenbroek, B.M. 13119
Bunyan, R.J.T. *see* Tenbroek, B.M. 13150
Bunza, G. Hardware/software systems integration 31315
Bunzemeier, A. A commissioning concept oriented to practical application for condition monitoring in the field of steam temperature control 50768
Buonanno, G. *see* Bolchini, C. 11286
Buonanno, G. *see* Bolchini, C. 32557
Buong Nguyen *see* Nguyen Buong
Buonomo, A., Di Bello, C. Asymptotic formulas in nearly sinusoidal nonlinear oscillators 11217
Buonomo, S. *see* Fontan, F.P. 47589
Buonomo, S. *see* Guinand, P.S. 58145
Buontempo, S. *see* Annis, P. 59237
Buquen, P. *see* Bremond, M. 10079
Buracas, S. *see* Tamulaitis, G. 3589
Burachas, S.F. *see* Bondar'kov, M.D. 28030
Burachas, S.F. *see* Georgadze, A.Sh. 18101
Burani, G.F. *see* Kanashiro, A.G. 8931
Buratti, M. From a (G,K,1) to a ($C_t \oplus G$,k,1) difference family 52389
Buratti, M. On resolvable difference families 52390
Buratti, P. *see* Zerbini, M. 36862
Buratynski, E.K. Analysis and modeling of lead coplanarity distributions 20949
Buratynski, E.K. Analysis and modeling of lead coplanarity distributions 30235
Buravov, L.I. *see* Mukhanov, V.A. 10581
Burbayeva, N.V. *see* Rubinraut, A.M. 29660
Burbayeva, N.V. *see* Rubinraut, A.M. 61106
Burch, P.A. *see* Mauk, M.G. 38997
Burch, R. *see* Fioretto, E. 59283
Burch, R.F. *see* Halpin, S.M. 19291
Burchard, A. *see* Lindner, A. 40358
Burchett, S.N. *see* Frear, D.R. 30242
Burchett, S.N. *see* Frear, D.R. 39755
Burchett, S.N. *see* Sweet, J.N. 335
Burd, T.D., Brodersen, R.W. Processor design for portable systems 21752
Burdea, G.C. Virtual reality and robotics in medicine 28406
Burden, A. Power quality 50490
Burden, M.J.J. *see* Blythe, P.T. 26508
Burdess, J.S., Harris, A.J., Pitcher, R., Ward, M., King, D., Wood, D. Mechanical characterisation of a polysilicon accelerometer 27550
Burdess, J.S. *see* Acarnley, P.P. 29771
Burdess, J.S. *see* Acarnley, P.P. 51822
Burdess, J.S. *see* Harris, A.J. 27549
Burdess, J.S. *see* Wake, R.N. 7300
Burdess, J.S. *see* Ward, M.C.L. 27545
Burdess, J.S. *see* Wood, D. 27546
Burdet, E., Koeppe, R. A method for expecting the features of objects and enabling real-time vision processing 56818
Burdette, E.C. *see* Holupka, E.J. 28158
Burdge, G.L. *see* Barbier, P.R. 6787
Burdge, G.L. *see* Mahgerefteh, D. 13621
Burdge, G.L. *see* Mahgerefteh, D. 13999
Burdge, G.L. *see* Mahgerefteh, D. 33008
Burdi, M.K., Memon, S.A., Uqaili, M.A. Design and performance of power system fault locator 60447
Burdick, B., Fillion, R. Extension of the chip-on-flex technology to known good die 2757
Burdick, B., Fillion, R. Extension of the chip-on-flex technology to known good die 52234
Burdick, B.J. *see* Perlovsky, L.I. 27069
Burdick, J. *see* Choset, H. 27469
Burdick, J. *see* Emery, K. 39169
Burdin, S.V. *see* Achasov, M.N. 37251
Burdio, J.M., Martinez, A. A time-domain simulator for power electronic converters based on discrete-time modeling of switches 51167
Burdonskii, N. *see* Bugrov, A.E. 55760
Bure, I.G. *see* Shevchenko, V.V. 9468
Bureau, C. *see* Charlier, J. 30861
Bureau, J.M. *see* Tournois, P. 28109
Burel, G. *see* Rondel, N. 58836
Buren, D.F.von *see* von Buren, D.F.
Buren, G.van *see* van Buren, G.
Burenkov, A. *see* Akimov, D. 59257
Burenkov, A. *see* Bohmayr, W. 12956
Burenkov, A.A. *see* Akimov, D.Yu. 37245
Burenkov, G.I. *see* Vakhrushev, S.G. 59781
Buret, F. *see* Peyraque, L. 19793
Buret, F. *see* Peyraque, L. 29373
Burfield, G.A. *see* Textoris, A.T. 28719
Burg, B.van der *see* van der Burg, B.
Burg, T., Dawson, D., Vedagarbha, P. The developing role for nonlinear control design in oxide growth during rapid isothermal processing 2344
Burg, T. *see* Vedagarbha, P. 9221
Burg, T. *see* Vedagarbha, P. 50985
Burgassi, S. *see* Evangelisti, A. 37791
Burge, M., Burger, W., Mayr, W. Recognition and learning with polymorphic structural components 5046
Burge, M. *see* Burger, W. 57240
Burge, R.E. *see* Kim, M.-J. 48058
Burge, R.E. *see* Tajbakhsh, S. 48108
Burge, S. *see* Alexeev, G. 59200
Burge, S.E., Felton, R.D. Reduction of structural coupling in advanced fighter aircraft by active structural mode control 38187
Burgel, H.-G. Operating principles, possibilities and limits of application of micro-water extinguishing equipment for power stations 8989
Burgelman, J.-C., Verhoest, P. Trans-European information networks: rhetoric and practice 25989
Burgelman, M. *see* Niemegeers, A. 39098
Burgelman, M. *see* Niemegeers, A. 39187
Burger, A. *see* Chen, K.-T. 12619
Burger, A. *see* Chen, K.-T. 37307
Burger, A. *see* Egarievwe, S.U. 59354
Burger, A. *see* Page, R.H. 44524
Burger, A. *see* Schlesinger, T.E. 37554
Burger, A. *see* van Scyoc, J.M. 37305
Burger, C. Cooperation policies for traders 6163
Burger, D., Nickl, T. TFD and TFT liquid crystal displays for use in motor vehicles 58921
Burger, D.R., Mueller, R.L., Goodelle, G., Powe, J., Schwartz, J. Angle of incidence corrections for GaAs/Ge solar cells with low absorptance coverglass 37993
Burger, D.R. *see* Mueller, R.L. 38008
Burger, E.H. *see* Geraets, W.G.M. 49566
Burger, F., Stoger, B. Access to the WWW for visually impaired people using browsing tools based on GUI: state of the art and prospects 6175
Burger, G. *see* Singer, H. 45239
Burger, G.J., Smulders, E.J.T., Berenschot, J.W., Lammerink, T.S.J., Fluitman, J.H.J., Imai, S. High-resolution shadow-mask patterning in deep holes and its application to an electrical wafer feed-through 12834
Burger, G.J. *see* Imai, S. 58689
Burger, H.P. *see* Gulski, E. 38783
Burger, H.P. *see* Gulski, E. 38792
Burger, J., Hansen, K., Lange, W., Nowak, T., Prell, S., Zimmermann, W. Online readout and control unit for high-speed / high resolution readout of silicon tracking detectors 28046
Burger, J., Lorenz, D. Electronic control and diagnostics for power switches 29495
Burger, J. *see* Eick, W. 28034
Burger, J. *see* Zhu, D.X. 55896
Burger, J.D. *see* Adam, A. 37280
Burger, J.P., Swart, P.L., Spammer, S.J., Bulkin, P.V. Output power characteristics of a Fabry-Perot Er^{3+}-doped fiber laser 44398
Burger, J.R. The integral equation method of simulating electrical solitons for research into reliable hard-wired long distance digital communications with picosecond transitions 34130
Burger, P. *see* Arfelli, F. 49329
Burger, P. *see* de Carlan, L. 37504
Burger, R. Energy conservation strategy, the ignored cooling tower 29069
Burger, W., Burge, M., Mayr, W. Learning to recognize generic visual categories using a hybrid structural approach 57240
Burger, W. *see* Burge, M. 5046
Burger, W. *see* Ma, G. 41462
Burger, W. *see* Wood, A. 41461
Burgers, A.R., Eikelboom, J.A., Schonecker, A., Sinke, W.C. Improved treatment of the strongly varying slope in fitting solar cell I-V curves 39006
Burgers, A.R., Leguijt, C., Lolgen, P., Sinke, W.C. New analytical expressions for dark current calculations of highly doped regions in semiconductor devices 12868
Burgers, A.R. *see* Hylton, J.D. 32191
Burgers, A.R. *see* Hylton, J.D. 51562
Burges, C. *see* Blanz, V. 15871
Burges, U. *see* Eppler, I. 42791
Burgess, A. *see* Babu, S.R. 49872
Burgess, B. *see* Kennedy, A.R. 41232
Burgess, D.R., Morris Hotsenpiller, P.A., Anderson, T.J., Hohman, J.L. Solid precursor MOCVD of heteroepitaxial rutile phase TiO_2 10774
Burgess, M.P. *see* Stacy, N.J.S. 8532
Burgess, M.P. *see* Stacy, N.J.S. 16942
Burgess, N. *see* Beaumont-Smith, A. 53202
Burgess, N. *see* Mehnert, A. 56921
Burgess, S.C., Moore, D.F., Newland, D.E., Klaubert, H.L. A study of mechanical configuration optimisation in micro-systems 43402
Burgess, S.C. *see* Moore, D.F. 23096
Burgess, S.K. *see* Eker, M.M. 11686
Burghardt, H. *see* Beyer, R. 43228
Burghardt, H. *see* Proesch, G. 40477
Burghardt, J. The Sony News System: a completely integrated system for the presentation of news transmissions in television 27136
Burghartz, J. *see* Soyuer, M. 21950
Burghartz, J.N. BiCMOS process integration and device optimization: basic concepts and new trends 2846
Burghartz, J.N., Edelstein, D.C., Jenkins, K.A., Jahnes, C., Uzoh, C., O'Sullivan, E.J., Chan, K.K., Soyuer, M., Roper, P., Cordes, S. Monolithic spiral inductors fabricated using a VLSI Cu-damascene interconnect technology and low-loss substrates 41518
Burghartz, J.N., Soyuer, M., Jenkins, K.A., Kies, M., Dolan, P., Stein, K., Malinowski, J., Harame, D.L. RF components implemented in an analog SiGe bipolar technology 21947
Burghartz, J.N. *see* Soyuer, M. 2854
Burghartz, J.N. *see* Soyuer, M. 11227
Burghoff, M., Haberkorn, W., Mackert, B.-M., Curio, G. Measurement and analysis of magnetic fields from stimulated peripheral nerves 28318
Burghoff, M. *see* Jazbinsek, V. 37692
Burghoff, M. *see* Lewandowski, P. 49668
Burghoorn, J. *see* Pellemans, H.P.M. 3686
Burgkhardt, B., Kupschus, A., Vilgis, M., Piesch, E., Dorschel, B. Polycarbonate track etched detectors for qualitative alpha spectroscopy in radon environments 7823
Burgkhardt, B. *see* Klett, A. 59853
Burgmeier, S.Thompson *see* Thompson Burgmeier, S.
Burgos, C. *see* Adam, A. 37280
Burgos, C. *see* Berdugo, J. 37448
Burgos, M. *see* Ramos, J. 6449
Burgt, J.J.A.v.d. *see* v.d. Burgt, J.J.A.
Burgt, J.van der *see* van der Burgt, J.
Burgt, M.van der *see* van der Burgt, M.
Burgwinkel, R. Aufbau, Test und Eichung des hochauflosenden Tagging-Systems TOPAS II am Bonner SAPHIR-Detektor (Setup, test and calibration of the high-resolution tagging system TOPAS II of the SAPHIR detector at Bonn) 7784
Burian, A. *see* Vognar, M. 18565
Burianec, Z. *see* Theocharidou, E. 38104
Burianek, M., Liebertz, J., Muehlberg, M. Crystal growth and characterization of $LiPbPO_4$ 10597
Burik, M.Van *see* Van Burik, M.
Burin, P.P., Pfleiderer, C. Voltage controlled current source to avoid common mode interferences 1122
Burk, A.A. *see* Agarwal, A.K. 42044
Burk, A.A., Jr., Rowland, L.B. The role of excess silicon and in situ etching on 4H-SiC and 6H-SiC epitaxial layer morphology 2095
Burk, D.E. *see* Chin-yu Tsai 32560
Burkard, M., Geng, C., Muhe, A., Scholz, F., Schweizer, H., Phillipp, F. Transmission electron microscopy observation of lateral order/disorder structures in (Al)GaInP 42062
Burkart, G. *see* Rizkalla, M.E. 9852
Burkart, G. *see* Rizkalla, M.E. 20811
Burkart, J. *see* Schmid, J. 7878
Burke, B.E., Petrasso, R.D., Li, C.K., Hotaling, T.C. Use of charge-coupled device imagers for charged-particle spectroscopy [ICF diagnostic application] 37525
Burke, B.E. *see* Waxman, A.M. 17511
Burke, D. *see* Kotseroglou, T. 33602
Burke, D.L. Accelerator physics and technologies for future linear colliders 36995
Burke, D.L. Accelerator physics and technologies for future linear colliders 49047
Burke, D.L. *see* Rokni, S.H. 8216
Burke, E.A. *see* Summers, G.P. 38002
Burke, E.A. *see* Xapsos, M.A. 28566
Burke, E.R. *see* Cannon, J.A. 13459
Burke, E.R. *see* Gomez, R.D. 3214
Burke, G., Kaufman, M. Resolution of key Federal Aviation Administration (FAA) National Airspace System (NAS) architecture issues 59985
Burke, J. *see* Mendes, S.B. 44003
Burke, J.J. *see* Ramanujam, N. 24199
Burke, K. *see* Vacchione, J. 34326
Burke, M., Hirschman, C.B., Husain, S.S. Aggressively pushing the IN envelope in TIA 47261
Burke, P.T. *see* Tan, H.H. 12513
Burke, P.T. *see* Yuan, S. 42136
Burke, R., Schreitmueller, R. Optimization of saponified aqueous cleaning in an in-line system 41669
Burke, R.R. *see* Finlay, W.R. 29289

Burke, T., Xie, K., Flemish, J.R., Singh, H., Podlesak, T., Zhao, J.H. Silicon carbide power devices for high temperature, high power density switching applications 51401
Burke, T., Xie, K., Singh, H., Podlesak, T., Flemish, J., Carter, J., Schneider, S., Zhao, J.H. Silicon carbide thyristors for electric guns 32386
Burke, T. *see* Podlesak, T.F. 33887
Burke, T.M., Quierin, A.M.A., Grimshaw, M.P., Ritchie, D.A., Pepper, M., Burroughes, J.H. Surface decontamination of patterned GaAs substrates for molecular beam epitaxy regrowth using a hydrogen radical source [and RTD fabrication] 42581
Burke, W.J., Bush, D.E. Core stability evaluations using STAIF 38527
Burken, A. *see* Kim, Y. 8347
Burkert, W. *see* Owens, A. 18148
Burkett, B. *see* Shih, W.T. 39791
Burkett, S.L., Yang, J., Pillai, D., Parker, R. Effect of silicon processing on giant magnetoresistance 55042
Burkett, S.L. *see* Lusth, J.C. 53265
Burkhalter, H. ESWIS–ESEC wire bonder image system 31654
Burkhalter, P.G. *see* Elton, R.C. 33199
Burkhard, H., Scholl, H., Tamburrini, M. Phase-noise reduction in multigigahertz pulsations of injection-tracked DFB lasers 23955
Burkhard, H. *see* Hong-Liang Zhu 55623
Burkhard, H. *see* Zengerie, R. 44484
Burkhardt, A.J. Testing controlled impedance boards 11977
Burkhardt, C., Dimc, F., Harris, I.R. A new method for in-situ magnetisation measurements during hydrogenation of RE-Fe-B type materials 3054
Burkhardt, E.E., Schwartz, J. Two-dimensional finite element analysis of the stability of Ag/BSCCO tapes 32949
Burkhardt, H. Priorities for a sustainable civilization 29955
Burkhardt, H. *see* Luo, A. 5096
Burkhardt, R.C. *see* Dzielski, J.E. 25011
Burkhart, A., Naito, C., Goodrich, B. New generation encapsulants for chips on low cost first level substrates 39847
Burkholder, R.J. *see* Chou, H.T. 34289
Burkle, R., Schweikert, K.-H., Luder, E., Breitfelder, S., Reichel, F. High-performance FLC-display as a spatial light modulator for optical signal processing 13709
Burkov, A. *see* Heinrich, A. 31906
Burkov, A.T., Gladun, C., Heinrich, A., Pitschke, W., Schumann, J. Phase formation and transport properties in amorphous and nanocrystalline Cr_xSi_{1-x} and Re_xSi_{1-x} thin films 42008
Burkov, A.T., Heinrich, A., Gladun, C., Pitschke, W., Schumann, J. Structure and thermoelectric properties of nano-crystalline Re_x-Si_{1-x} thin film composites 31931
Burkov, S.I. *see* Sorokin, B.P. 13239
Burkov, V.D., Egorov, F.A., Potapov, V.T. Interaction of an erbium fiber-optic laser with a microresonator through a nonlinear Fabry-Perot interferometer 13989
Burkov, V.D., Egorov, F.A., Potapov, V.T. Self-modulation effect in a laser-microcavity system 17419
Burks, M., Trentalange, S., Margetis, S., Wieman, H. Electron drift parameters in dimethyl ether 59206
Burl, J.B. A nonlinear correlation algorithm for estimating the motion of multiple objects in an image sequence 5555
Burl, M., Coutts, G.A., Young, I.R. Tuned fiducial markers to identify body locations with minimal perturbation of tissue magnetization 7962
Burlacu, C. *see* Zaciu, R. 57029
Burlaenko, N.A., Maslennikov, A.V. Piezoelectric resonance ammonia sensor and its static characteristics 58872
Burlaenko, N.A., Maslennikov, A.V., Sazhin, S.G. Characteristics of a piezoresonance gas-analytical sensor and possible methods of correlating them for solving problems in leak tightness inspection 54992
Burlai, I.V. *see* Bulychev, Y.G. 45869
Burlakov, A.V., Chekhova, M.V., Kulik, S.P., Penin, A.N. Relation between the photon statistics in parametrically conjugated modes 14393
Burlakov, I.I. *see* Anedda, A. 42013
Burlakov, M.V. A method of approximation of non-Markov controllable queueing processes 39986
Burland, D.M. *see* Lundquist, P.M. 23446
Burleson, J.M. *see* Goodnough, M.A. 17530
Burleson, W. Integrating manufacturing into a computer systems design course: industrial collaboration and design technology 20597
Burleson, W. *see* Bongjin Jung 35066
Burleson, W., Konstantinides, K., Meng, T. *(editors)* VLSI Signal Processing, IX (Cat. No.96TH8156) 29950
Burleson, W.P. *see* Stan, M.R. 11247
Burley, G.S., Chapman, S., Walker, G.A.H., Parameswaran, A. A precisely aligned CCD mosaic 17549
Burley, G.S. *see* Chapman, S.C. 58843
Burley, S., Darnell, M. Complementary sets of sequences: a filter bank approach 34910
Burlina, P. *see* Alajaji, F. 57089
Burlina, P. *see* Chellappa, R. 27070
Burlina, P. *see* Zhang, X. 25399
Burm, J., Chu, K., Schaff, W.J., Eastman, L.F., Khan, M.A., Qisheng Chen, Yang, J.W., Shur, M.S. 0.12-μm gate III-V nitride HFET's with high contact resistances 41443
Burm, J., Schaff, W.J., Martin, G.H., Eastman, L.F., Amano, H., Akasaki, I. Recessed gate GaN MODFETs 32459
Burm, J. *see* Chen, Q. 41469
Burm, J. *see* Khan, M.A. 13026
Burm, J. *see* Khan, M.A. 43137
Burm Jinwook *see* Jinwook Burm
Burman, C. *see* Ling, C.C. 8088
Burmeister, D. *see* Urbansky, N. 42730
Burmeister, D. *see* Wenzel, C. 22087
Burmester, M., Desmedt, Y.G. Efficient and secure conference-key distribution 56281
Burmester, M., Desmedt, Y.G., Itoh, T., Sakurai, K., Shizuya, H., Yung, M. A progress report on subliminal-free channels 24678
Burn-Thornton, K.E., Cattrall, D.M., Simpson, A. Polymorphic functions for data mining in an ATM network 35414
Burnashov, V.N. *see* Bessmeltsev, V.P. 58691
Burneika, I., Knishevskaya, L., Laurinavichius, A., Pozhela, K., Smertin, O., Tamoshiuniene, M., Shugurov, V. Numerical and experimental investigation of metal waveguide containing a layer of transversely magnetized semiconductor 45304
Burner, M. Crawling towards eternity [Internet] 57870
Burnett, J. *see* Yaping Du 45209
Burnett, J.G. *see* Luke, D.G. 36610
Burnett, J.W. *see* El-Saigh, A.I. 36046
Burnett, M., Bryanston-Cross, P.J. Measurements of transonic shock structures using shearography 36975
Burnette, T.E. *see* Banks, D.R. 20893
Burney, M., Dickson, L., Freund, B. An all electronic system for the capture, storage and display of volumetric images utilizing holography 14436
Burnham, B., Litvinenko, V.N., Madey, J.M.J., Wu, Y. Microbunching in storage ring FELs 18002
Burnham, J.S. *see* Collins, R.W. 39125
Burnham, J.T. *see* de la O, A. 32746
Burnham, J.T. *see* Gorur, R.S. 54963
Burnham, K. *see* Bueno, G. 37607
Burnham, K.J. *see* Linehan, R.D. 57778
Burnham, K.J. *see* Smith, C.A. 38597
Burnham, R.L. *see* Kasinski, J.J. 3734
Burnie, G. *see* Landis, D. 22086
Burnovas, S. *see* Lukosevicius, A. 49423
Burns, A. *see* Bate, I. 8251
Burns, A. *see* Sijing Zhang 47199
Burns, A.J.A. *see* Rorhschild, M. 22735
Burns, B. *see* Walker, B. 8339
Burns, B.E. *see* Langman, A. 8356
Burns, C. *see* Johnston, R.E. 37639
Burns, C.W. *see* Frost, N.E. 2971
Burns, C.W. *see* Guoxiang Xu 8936
Burns, C.W. *see* Xu, G. 38404
Burns, D.C., Begbie, M.L., Underwood, I., Vass, D.G. Ferroelectric liquid crystal over silicon spatial light modulator viewable under continuous illumination 33155
Burns, D.C. *see* Underwood, I. 33148
Burns, D.T. *see* Thwaites, D.I. 18582
Burns, E.T. *see* Kirchner, R.F. 38487
Burns, H.N., Steiner, M.T., Hayden, D. Compact, 625-channel scannerless imaging laser radar receiver 8672
Burns, J.A., Keast, C.L., Knecht, J.M., Kunz, R.R., Palmateer, S.C., Cann, S., Soares, A., Shaver, D.C. Performance of a low power fully-depleted deep submicron SOI technology and its extension to 0.15 μm 22966
Burns, J.E. *see* Lee, C. 46779
Burns, J.O. *see* Basart, J.P. 36294
Burns, J.O. *see* Basart, J.P. 36295
Burns, J.R. *see* Burns, K.K. 20870
Burns, J.W., Fliss, G.G., Kletzli, D., Jr. Modeling and measurement of target-string interactions 36243
Burns, K., Turcotte, R. PRA importance measures: their application to the maintenance rule at Vermont Yankee 38524
Burns, K.K., Alexander, R., Burns, J.R. An innovative thermal system approach significantly increases system reliability and power and packaging densities 20870
Burns, M. *see* Bahar, R.I. 11030
Burns, M. *see* Pixley, C. 36430
Burns, M. *see* Rautenberg, V. 60033
Burns, M.J., Allison, P.W., Carlson, R.L., Downing, J.N., Moir, D.C., Shurter, R.P. Status of the Dual-Axis Radiographic Hydrotest Facility 49216
Burns, P.N. *see* Christopher, D.A. 28185
Burns, P.N. *see* Christopher, D.A. 28225
Burns, R.J. A simple technique for obtaining the MTBF of complex systems through numerical integration of the reliability function 21001
Burns, R.P. *see* Parsi, K. 3208
Burns, S. *see* Tessler, N. 33304
Burns, S.E. *see* Becker, H. 33271
Burns, W.K., Moeller, R.P. Noise effects in high sensitivity fiber optic gyros 27633
Burns, W.K. *see* Dennis, M.L. 27951
Burns, W.K. *see* Howerton, M.M. 16702
Burns, W.K. *see* Petrov, K.P. 18944
Burnside, B.M., Bonnar, M.P., Hadi, H.A., Reuben, R.L., Wilson, J.I.B., Qi Zhao Dropwise condensation in electricity utility turbine condensers–recent research work in China and UK 19567
Burnside, K. *see* Almaini, A.E.A. 53140
Burnside, W.D. *see* Teh-Hong Lee 24589
Burnus, M., Hefle, G., Heidenblut, T., Khrebvot, I.A., Laukemper, J., Michalke, W., Neff, H., Bschwierzi, B., Semtchinova, O.K., Steinbeiss, E., Tkachenko, A.D. IR-detector system based on high-T_c superconducting bolometer on Si-membrane 17377
Burov, A., Gerasimov, A. Wakefield focusing: new RF technology for electron storage rings 18003
Burow, D. *see* Salon, S. 50994
Burow, R.F. Volatile methyl siloxanes (VMS) as replacements for CFCs and methyl chloroform in precision and electronics cleaning 52381
Burr, A.G., Lo, S.W.A. Capacity of a PRMA system, and its application to adaptive TDMA 35958
Burr, A.G., Lunn, T.J. Block-coded modulation optimized for finite error rate on the white Gaussian noise channel 24639
Burr, A.G. *see* Baines, S.J. 5815
Burr, A.G. *see* Pearce, D.A.J. 35902
Burr, D.B. *see* Hoshaw, S.J. 59395
Burr, D.C. No flux solder fountain rework using nitrogen 39765
Burr, D.C., Buseman, M. Alternative solder paste application for ultra fine pitch 39777
Burr, G.W. *see* Bernal, M.-P. 14427
Burr, G.W. *see* Miller, R.A. 23633
Burr, J.B. *see* Yeh, G.K. 5271
Burr, J.B. *see* Yen-Wen Lu 1491
Burrage, K., Burrage, P.M. High strong order explicit Runge-Kutta methods for stochastic ordinary differential equations 10529
Burrage, P.M. *see* Burrage, K. 10529
Burrell, A., Stern, H.P., Papantoni-Kazakos, P. Traffic monitoring and dynamic multiplexing techniques for ATM wireless networks 46569
Burrell, L.G. *see* Bor Zen Hong 269
Burriesce, J. *see* Sullivan, J.L. 4868
Burriesci, L.G., Cook, E.I., Hackett, J.P., Drummond, J.R., Mand, G.S. Flight electronics for vibration cancellation in cryogenic refrigerators–performance and environmental testing results 28545
Burris, H.R. *see* Elton, R.C. 33199
Burris, J. *see* Heaps, W.S. 28627
Burroughes, J.H. *see* Burke, T.M. 42581
Burroughs, C.J. *see* Hamilton, C. 27214
Burrowes, G., Hiskens, I.A., Kalam, A. Power flow modelling of battery energy storage systems connected to the electrical network 19645
Burrows, E.C. *see* Dentai, A.G. 55424
Burrows, E.C. *see* Garrett, L.D. 16701
Burrows, E.C. *see* Liou, K.-Y. 47970
Burrows, E.C. *see* Liou, K.-Y. 58386
Burrows, P.E., Forrest, S.R., Sibley, S.P., Thompson, M.E. Color-tunable organic light-emitting devices 7508
Burrows, P.E., Forrest, S.R., Sibley, S.P., Thompson, M.E. Color-tunable organic light emitting devices 55464
Burrows, P.E., Gu, G., Bulovic, V., Forrest, S.R., Thompson, M.E. A bright, transparent, blue organic light emitting device 7514
Burrows, P.E. *see* Gu, G. 36811
Burrows, P.E. *see* Gu, G. 55435
Burrows, P.E. *see* Taylor, R.B. 36573
Burrows, P.N. *see* Abe, K. 59233
Burrows, R. *see* Chinn, J.D. 54486
Burrows, V. *see* Roedel, R.J. 20577
Burrus, C.A. *see* Coroy, T. 17382
Burrus, C.A. *see* Dentai, A.G. 55424
Burrus, C.A. *see* Garrett, L.D. 16701
Burrus, C.A. *see* Garrett, L.D. 26872
Burrus, C.A. *see* Garrett, L.D. 55474
Burrus, C.A. *see* Giles, C.R. 58378
Burrus, C.A. *see* Khan, M.N. 13697
Burrus, C.A. *see* Lunardi, L.M. 26733
Burrus, C.A. *see* Shih, M.-H. 36155
Burrus, C.S. *see* Gotze, J. 4700
Burrus, C.S. *see* Guo, H. 25171
Burrus, C.S. *see* Guo, H. 39630
Burrus, C.S. *see* Haitao Guo 15281
Burrus, C.S. *see* Odegard, J.E. 15296
Burrus, C.S. *see* Odegard, J.E. 46360
Burrus, C.S. *see* Selesnick, I.W. 15359
Burrus, C.S. *see* Selesnick, I.W. 34733
Burrus, C.S. *see* Selesnick, I.W. 45909
Burrus, C.S. *see* Selesnick, I.W. 45918
Burrus, C.S. *see* Tian, J. 6948
Burse, T.A. *see* Bridger, B., Jr. 38427
Burshtein, D. *see* Erell, A. 24847
Burshtein, Z. *see* Kalisky, Y. 14267
Burshtein, Z. *see* Shimony, Y. 3736
Bursik, J., Simsa, Z., Stichauer, L., Tesar, R. Magneto-optical properties of Co- and Ti-substituted hexagonal ferrite films prepared by the sol-gel method 3173
Bursky, D. High-density flash memories tackle mass-storage needs 1327
Bursky, D. Programmable arrays mix FPGA and ASIC blocks 21561
Bursky, D. 3D audio technologies provide realistic sound 27189

Bursky, D. Integrated 8-bit MCU handles high-power applications 31313
Bursky, D. Advanced multimedia audio chips up quality and simplify systems 58594
Burstein, A. *see* Bult, K. 17268
Burstein, E. *see* Talaat, H. 2117
Burt, G. *see* McDonald, J.R. 38212
Burt, G.M. *see* Bell, S.C. 50491
Burt, G.M. *see* Leslie, A.S. 19603
Burt, M.G. *see* Krauss, T.F. 44001
Burt, P., Hansen, M., Anandan, P. Video mosaic displays 17699
Burt, R. *see* Hartzell, A. 42491
Burt, S.M. *see* Bell, S.C. 50491
Burt, S.M. *see* McArthur, S.D.J. 8952
Burte, E.P. *see* Aderhold, W.R. 22579
Burte, E.P. *see* Bauer, A.J. 12711
Burte, E.P. *see* Wiget, R. 42349
Burte, E.P. *see* Wiget, R. 42929
Burtea, V. *see* Ghita, C. 60644
Burton, A.L. Principles of windfarm operation and maintenance 9137
Burton, B., Harley, R.G. Linear speed-up parallel implementation of continually online trained neural networks for identification and control of fast processes [induction motor control] 38725
Burton, C.A. *see* Barnett, R.W. 26210
Burton, D. *see* Agazzi, O.E. 4661
Burton, D. *see* Xie, X. 48864
Burton, D.I. *see* Titus, J.L. 22868
Burton, D.I. *see* Wheatley, C.F. 22869
Burton, D.R. *see* Herraez, M.A. 4988
Burton, D.R. *see* Herraez, M.A. 34990
Burton, D.R. *see* Xinjun Xie 17842
Burton, G.R. *see* Attas, E.M. 35336
Burton, L. Mathematics in undergraduate engineering courses–teaching, learning, assessing–a symbiosis 52053
Burton, L.C., Soper, J.G., Matson, J.V. Penn State's Engineering Leadership Development Minor 20655
Burton, L.W. In-bore stiffness considerations for electromagnetic projectile armatures and boreriders 24394
Burton, N.C. *see* Steeds, J.W. 12196
Burton, P.C.M., Bradley, A., Papa, F., Payne, F., Nawaz, M. A new fourth year elective unit in electronic manufacturing at RMIT University 20525
Burton, R. *see* Martinez, M.J. 43120
Burton, R.R., Stern, M.S., Kendall, P.C., Robson, P.N. Modelling of diffraction in pillar vertical cavity surface-emitting lasers with embedded Bragg layers 3918
Burton, R.S., Fuchshuber, C.F., Woodford, D.A., Gole, A.M. Prediction of core saturation instability at an HVDC converter 8865
Burton, R.S. *see* Shore, N.L. 8866
Burton, S.L., Foster, G.J., Gray, J.E. A method for characterizing track goodness when design mismatch occurs 48047
Burtsev, A. *see* Senatsky, Yu. 55584
Burtsev, A.V., Durmanov, S.T., Rudnitsky, Yu.P., Senatsky, Yu.V., Smirnov, G.V., Feoktistov, L.P. Pulsed-periodic ytterbium laser pumped by gas discharge lamps 3771
Burtsev, S., Kaup, D.J. Effective control of a soliton by sliding-frequency guiding filters 58302
Burward-Hoy, T. Advances in computer packaging 30223
Bury, P., Ennode, N., Petit, J.-M., Bendjoya, P., Martinez, J.-P., Pinna, H., Jaud, J., Balladore, J.-L. Wavelet analysis of X-ray spectroscopic data. Pt. I. The method 37542
Bury, P., Jamnicky, I. PC operated acoustic transient spectroscopy of deep levels in MIS structures 22451
Bury, R. *see* Priotti, P. 26392
Buryak, A.V., Kivshar, Y.S. Multistability of three-wave parametric self-trapping 55916
Buryi, E.V., Mitrofanov, A.L. Precision of determination of the angular radius of an object from estimates of the fourth-order coherence function in optically homogeneous and turbulent media 48869
Burykin, N., Korchemskaya, E. Holographic registration of vibrations in Raman-Nath self-diffraction conditions on bacteriorhodopsin films 59027
Buryn, O.M., Kutzenko, A.S., Volkov, V.I., Borshch, A.A., Brodyn, M.S., Maloletov, S.M. Third-order optical non-linear response of new epoxy-based linear polymer 24141
Burzio, M. *see* Boettle, D. 26456
Burzio, M. *see* Bostica, B. 47499
Burzo, E. *see* Kappel, W. 3109
Burzo, E. *see* Valeanu, M. 3151
Busaba, F. *see* Lala, P.K. 36435
Busatto, G., Luciano, A.M. BMFET-switched, class E resonant lamp ballast 51831
Busatto, G. *see* Vitale, G. 42954
Busbee, J. *see* Jackson, A.G. 27536
Busbridge, S.C. The effect of stress bias on the magnetic and magnetomechanical properties of $Tb_xHo_{1-x}Fe_{1.9}$, $0<x<0.2$ 43643
Busby, G. Technology for the disabled and why it matters to you 8169
Busby, H.R. *see* Dorfi, H.R. 11010
Busca, G. *see* Schweda, H.S. 48205
Buscaglia, F., Dionisi, S., Giorio, E., Tallone, F. Experimental characterisation of a DECT radio link in a PCS environment 47626
Buscemi, M., Fenu, R., Giusto, D.D., Liggi, G. Least-squares spline interpolation for image data compression 15624
Busch, A. *see* Kanskar, M. 43997
Busch, C. *see* Handels, H. 37933
Busch, G.E. *see* Thompson, D.C. 13745
Busch, R., Hongyu Wang Description of the DC behavior of aging phenomena in winding insulating systems 50893
Busch, T.E. *see* Skormin, V.A. 58303
Busch-Vishniac, I.J. *see* Won-Kyu Moon 38138
Busch-Vishniac, I.J. *see* Won-Kyu Moon 38139
Buschart, R.J. Electrical Area Classification drawings: a comparison 30115
Buschbach, C.W. Increasing data density on 1/2 inch cassette tape 7205
Buschbeck, S. *see* Gunther, S. 41181
Busche, M.T., Olszewski, C.J. Setup-trail-avoidance routing algorithm 57684
Buscher, S. *see* Fink, T. 7160
Buschgens, T., Hartenstein, F. Finding the right wavelet for image compression: on the relevance of criteria 46358
Buschick, K. *see* Topper, M. 53855
Buschow, K.H.J. *see* Vandormael, D. 32812
Buse, K., Loheide, S., Sabbert, D., Kratzig, E. Photorefractive properties of tetragonal $KTa_{0.52}Nb_{0.48}O_3$:Fe crystals and explanation by the three-valence charge-transport model 14442
Buse, K. *see* Gerwens, A. 24299
Buse, K. *see* Rickermann, F. 4104
Buse, K. *see* Simon, M. 43890
Buse, K. *see* van Stevendaal, U. 3579
Buseck, D. *see* Chinn, J.D. 54486
Buseman, M. *see* Burr, D.C. 39777
Buseman, M.D. Surface mount cleaning 53804
Bush, D.E. *see* Burke, W.J. 38527
Bush, D.M. MVDS: an outline of standards and planning considerations 36341
Bush, J., Davis, C.A., McNair, F., Cekorich, A., Bostick, J. Low cost fiber optic interferometric sensors 48617
Bush, J. *see* Ha, J.C. 27618
Bush, J. *see* Ruffin, P. 28698
Bush, M. *see* Limpaecher, R. 51269
Bush, M. *see* Limpaecher, R. 51270
Bush, S.F., Evans, J.B., Frost, V. Mobile ATM buffer capacity analysis 6582
Bush, S.F., Jagannath, S., Evans, J.B., Frost, V.S. A control and management network for wireless ATM systems 6505
Bushehri, E., Bratov, V., Staroselsky, V., Schlichter, T., Timoshenkov, V., Saber, M. Ultra high speed sub-micron gallium arsenide VLSI 22930
Bushehri, E. *see* Thiede, A. 41131
Bushey, D.E., Malloy, B.A. A study of dynamic traffic re-routing in the National Airspace System 59998
Bushey, T. *see* Wennekers, P. 32451
Bushida, K., Mohri, K., Kanno, T., Katoh, D., Kobayashi, A. Amorphous wire MI micro magnetic sensor for gradient field detection 7534
Bushida, K.-i. *see* Kanno, T. 27525
Bushik, A.I., Bakuto, I.A., Mitskevich, M.K., Zachepilo, P.S., Bushik, S.V. Investigation of the character of cathode spot movement at vacuum pulse arc discharge 22128
Bushik, A.I., Bakuto, I.A., Shilov, V.A., Zachepilo, P.S., Bushik, S.V. Investigation of the character of erosion of the cathode surface exposed to the vacuum pulse arc discharge 23219
Bushik, S.V. *see* Bushik, A.I. 22128
Bushik, S.V. *see* Bushik, A.I. 23219
Bushimata, T. *see* Nakajima, H. 7024
Bushlin, Y., Baum, G., Engel, M. FPA sensor performance study using computer simulation 17533
Bushman, S., Edgar, T.F., Trachtenberg, I. Radio frequency diagnostics for plasma etch systems 42542
Bushnell, J. *see* Borenstein, S. 28812
Bushnell, M.L. *see* Agrawal, V.D. 53117
Bushnell, M.L. *see* Gharaybeh, M.A. 41042
Bushnell, M.L. *see* Srinivas, M.K. 53218
Bushofa, B.M.F., Spann, M. Segmentation and recognition of Arabic characters by structural classification 46437
Busick, D.R., Beiter, K.A., Ishii, K. Design for injection molding: using process simulation to assess tolerance feasibility 156
Busick, R. OCLC's role on the Internet 47139
Buskens, J. *see* Adam, A. 37280
Buskens, J. *see* Brock, I.C. 37039
Buskens, R.W. *see* La Porta, T.F. 26618
Buskies, U. The efficiency of coal-fired combined-cycle powerplants 19580
Buskirk, P.Van *see* Van Buskirk, P.
Buso, S. *see* Spiazzi, G. 51240
Bussarakons, T. Application specific power modules cut size and weight, improve environmental, electrical and thermal performance 38812
Busse, D., Erdman, J., Kerkman, R.J., Schlegel, D., Skibinski, G. An evaluation of the electrostatic shielded induction motor: a solution for rotor shaft voltage buildup and bearing current 29332
Busse, D., Erdman, J., Kerkman, R.J., Schlegel, D., Skibinski, G. Bearing currents and their relationship to PWM drives 51681
Busse, D., Erdman, J., Kerkman, R.J., Schlegel, D., Skibinski, G. System electrical parameters and their effects on bearing currents 61368
Busse, D.F., Erdman, J.M., Kerkman, R.J., Schlegel, D.W., Skibinski, G.L. The effects of PWM voltage source inverters on the mechanical performance of rolling bearings 61117
Busse, L.E., Moon, J.A., Saghera, J.S., Aggarwal, I.D. Chalcogenide fibers deliver high IR power 7373
Busse, L.E. *see* Moon, J.A. 14018
Busse, L.J., Crimmins, T.R., Fienup, J.R. A model based approach to improve the performance of the geometric filtering speckle reduction algorithm 28114
Busse, L.J. *see* Dietz, D.R. 28199
Busse, P. *see* Harling, O.K. 8123
Bussek, P. *see* David, G. 31517
Bussell, D.M. *see* Seton, H.C. 37753
Busseuil, J., Guyot, P., Oort, M., Teule, F. Infrared space observatory: AOCS early in-flight experience 49907
Busseuil, J. *see* Sghedoni, M. 49900
Bussjager, R. *see* Qi Wang Song 13698
Bussjager, R. *see* Villarica, R.M. 13561
Bussmann, H.B.J. *see* Veltink, P.H. 18214
Bussmann, K.M. *see* Lewis, L.H. 7164
Busso, L. *see* Agnello, M. 37458
Busson, M. *see* Normant, E. 16936
Bussotti, P. *see* Capolino, F. 34214
Bustamante, A. *see* Cassanho, A. 55593
Bustamante, L.G. *see* Strandberg, R.H. 31392
Bustamante, M.J. *see* Schaffer, T.A. 31342
Busto, J. *see* Lou, K. 7818
Bustos, R.A., Gedeon, T.D. Decrypting neural network data: a GIS case study 24800
Butas, J., Stopjakova, V., Durackova, D., Weber, B., Manhaeve, H. Impact of CMOS physical failures on power supply current 32544
Butashin, A.V. *see* Kaminskii, A.A. 44412
Butashin, A.V. *see* Kaminskii, A.A. 4012
Butashin, A.V. *see* Kaminskii, A.A. 23840
Butashin, A.V. *see* Kaminskii, A.A. 44407
Butashin, A.V. *see* Kaminskii, A.A. 44738
Butashin, A.V. *see* Nishioka, H. 44652
Butcher, A. On the bridge–a user's view 61254
Butcher, E.J. *see* Schiffgens, J.O. 38567
Butcher, G. Proposed NO_x regulations for Phase II boilers 29087
Butcher, J.C., Cash, J.R., Diamantakis, M.T. DESI methods for stiff initial-value problems 30628
Butcher, J.C., Jackiewicz, Z. Construction of diagonally implicit general linear methods of type 1 and 2 for ordinary differential equations 626
Butcher, J.C., Sanz-Serna, J.M. The number of conditions for a Runge-Kutta method to have effective order p 10530
Butcher, J.C., Wanner, G. Runge-Kutta methods: some historical notes 10531
Butcher, K.S.A., Tansley, T.L., Xin Li, Bing Zhou Photolytic absorbate removal during the growth of aluminium nitride by remote microwave plasma chemical vapour deposition 30941
Butcher, K.S.A. *see* Bing Zhou 33240
Butcher, K.S.A. *see* Zhou, B. 21360
Butka, B.K. Incorporating simulation tools in an introductory linear systems and signals course 39636
Butkovic, Z., Baric, A. Influence of different isolation technologies on threshold voltage of parasitic MOSFETs 2621
Butkute, R. *see* Lisauskas, V. 40371
Butler, A.L. *see* Sherman, C.H. 38130
Butler, C. *see* Tay, K.M. 52192
Butler, C. *see* Yang, Q. 7296
Butler, D., Jiang, J. Distortion equalized fuzzy competitive learning for image data vector quantization 25745
Butler, D.L. *see* Mahgerefteh, D. 33008
Butler, D.P., Jahanzeb, A., Shan, P.C., Travers, C.M., Celik-Butler, Z. IR detection at room temperature using semiconducting YBaCuO 48647
Butler, D.P. *see* Shan, P.C. 7335
Butler, J. *see* Chudleigh, M. 25659
Butler, J.C., Kramer, J.J. Variable standing-wave ratio magnetostatic wave-optical interaction in YIG films 3490
Butler, J.E. *see* Steeds, J.W. 12196
Butler, J.F. *see* Barber, H.B. 37663
Butler, J.F. *see* Macri, J.R. 37355
Butler, J.K. *see* Lehmann, R.E. 34478
Butler, J.K. *see* Lehmann, R.E. 45462
Butler, J.K. *see* Nai-Hsiang Sun 13645
Butler, J.L., Butler, S.C., Massa, D.P., Cavanagh, G.H. Metallic glass velocity sensor 18966
Butler, J.L. *see* Sherman, C.H. 38130
Butler, J.M. Rinse water treatment of Micropure CDF Circuit Cleaner 53790
Butler, J.T. *see* Schueller, K.A. 31179
Butler, K. *see* Brownson, R. 39932
Butler, K.L., Momoh, J.A., Dias, L.G., Sobajic, D.J. An approach to power distribution fault diagnosis using a neural net based supervised clustering methodology 50550
Butler, K.M., Johnson, K., Platt, J., Jones, A., Saxena, J. Integrating automated diagnosis into the testing and failure analysis operations 30178
Butler, M., Hurley, W.G., Wolfle, W. A novel scheme for active power factor correction of a single stage AC-DC converter 19872
Butler, N. *see* Marshall, C. 17487

Butler, P.A., Jones, P.M., Cann, K.J., Cocks, J.F.C., Jones, G.D., Julin, R., Trzaska, W.H. Electron spectroscopy using a multi-detector array 37520
Butler, P.H., Smithies, D.J., Mehrtens, N.W. Treatment of port-wine stains with the 578 nm light from a copper vapour laser and an automated scanning device 8105
Butler, P.H. *see* Stevens, M.A. 8207
Butler, R.J. The use of probability in the determination of compliance requirements for HIRF 37946
Butler, S.C., Lindberg, J.F., Clark, A.E. Hybrid magnetostrictive/piezoelectric tonpilz transducer 48491
Butler, S.C. *see* Butler, J.L. 18966
Butler, S.W. *see* White, D.A. 32167
Butler, T. *see* Murphy, V. 48631
Butler, W. *see* Myers, H. 26991
Butner, S.E., Chivukula, R. On the limits of electronic ATM switching 16503
Butorac, J., Bego, V., Ilic, D. The basis of Croatian electromagnetic metrology 17716
Butorac, J. *see* Bego, V. 27286
Butorin, A. *see* Bunda, V.V. 43833
Buts, V.P. *see* Tartakovskii, A.A. 40681
Butson, M.J., Perez, M.D., Mathur, J.N., Metcalfe, P.E. 6 MV X-ray dose in the build up region: empirical model and the incident angle effect 37904
Butsuen, T., Yoshioka, T., Okuda, K. Introduction of the Mazda Advanced Safety Vehicle 29865
Butt, A.S. *see* Smith, B.W. 22667
Butt, C. *see* Verleger, R. 49627
Butt, D., Sumner, M., Clare, J.C. Investigation of a low-cost power factor correction circuit for use with voltage source induction motor drives 9611
Butt, M.Akmal *see* Akmal Butt, M.
Butt, S. *see* Broadbent, A.J. 55131
Butt, S. *see* Smith, B.W. 42841
Buttar, C.M. *see* Berwick, K. 37306
Buttar, C.M. *see* Sellin, P.J. 18095
Butter, I.H. *see* Torres, R.E. 37801
Butterbaugh, J. *see* Muscat, A.J. 42570
Butterbaugh, J.W. *see* Chang, J.P. 42466
Butterbaugh, J.W. *see* Lawing, A.S. 42465
Butterbaugh, M.A. Development of a two matrix model for thermal analysis of a multi-chip module 31674
Butterbaugh, M.A., Kang, S.S. Effect of airflow bypass on the performance of heat sinks in electronic cooling 30334
Butterfield, C.P. *see* Muljadi, E. 19658
Butterlin, N. *see* Porte, H. 44078
Butterweck, H.J. A new interpretation of the misadjustment in adaptive filtering 15382
Butterworth, K.S., Sowerby, K.W., Williamson, A.G. Correlated shadowing in an in-building propagation environment 45121
Butterworth, P. *see* Hye-Sook Park 58842
Butterworth, S.D., Pruneri, V., Hanna, D.C. Picosecond optical parametric oscillation in bulk quasi-phase matched lithium niobate 24119
Butterworth, S.D. *see* Loh, W.H. 3713
Buttgenbach, S. *see* Rossberg, R. 54827
Buttle, P. *see* Beaulieu, R. 51072
Buttler, W. *see* Zogg, H. 7396
Buttner, J. *see* Berger, G. 60919
Buttner, Th., Kuhn, W., Muller, Th., Heinze, T., Puhl, C., Przuntek, H. Chromatic and achromatic visual evoked potentials in Parkinson's disease 18407
Butto, M., Di Brigida, C., Tonietti, A. A model for the evaluation of blocking with delayed, correlated re-attempts and called customer behaviour 5702
Button, C. *see* Hunt, J. 33310
Button, C. *see* Zachariou, A. 38988
Button, C.C. *see* Chen, Y.H. 23972
Button, C.C. *see* Chen, Y.H. 44602
Button, C.C. *see* Davidson, B.R. 766
Button, C.C. *see* Killey, R.I. 16758
Button, C.C. *see* Krauss, T.F. 44532
Button, C.C. *see* Lye, B.C. 12896
Button, C.C. *see* McKee, A. 12507
Button, R.M. An advanced photovoltaic array regulator module 18678
Button, T.W. *see* Alford, N.McN. 55078
Buttram, M.T. *see* Loubriel, G.M. 48125
Butturi, M.A. *see* Adegboyega, G.A. 32111
Butty, J., Peyghambarian, N., Kao, Y.H., Mackenzie, J.D. Room temperature optical gain in sol-gel derived CdS quantum dots 2022
Butvin, P., Vlasak, G., Butvinova, B., Svec, P. Magnetic polarization and magnetostriction in nearly saturated FeNbCuSiB alloys 3075
Butvinova, B. *see* Butvin, P. 3075
Butz, R. *see* Edelman, F. 31929
Butzberger, J.W. *see* Bellegarda, J.R. 14890
Buubacher, M. *see* Woodbury, N. 27977
Buuck, M. Acceptance measurements on feed pumps in the test bed and on site 60524
Buurma, J. Virtual components and the well-connected engineer 30127
Buurman, P.H.W. *see* Berkelaar, M.R.C.M. 1065
Buus, H., McLees, R., Orgun, M., Pasztor, E., Schultz, L. 777 flight controls validation process 59896
Buus, J., Haes, J., Baets, R. Analytical study of birefringence in slab waveguides 44020
Buus, J. *see* Lowery, A.J. 17153
Buus, J. *see* Nesnidal, M.P. 55730
Buvat, I., Freedman, N.M.T., Dilsizian, V., Bacharach, S.L. Realignment of emission contaminated attenuation maps with uncontaminated attenuation maps for attenuation correction in PET 7938
Buxbaum, B. *see* Li, J. 33766
Buxiang Zhou *see* Zhou Buxiang
Buxton, B. Spectrum vs. modulation analysis: both are needed 47738
Buxton, B. *see* Harris, C. 57037
Buxton, B. *see* Wolf, J. 47561
Buxton, H. Advanced visual surveillance using Bayesian networks 57515
Buxton, H., Howarth, R. Watching behaviour: the role of context and learning 57325
Buxton, P.H. *see* Chan, K.W. 60255
Buxton, W. *see* Alessi, J.G. 49196
Buxton, W. *see* Cooperstock, J.R. 47248
Buyanov, A. *see* Chen, W.M. 22540
Buyanov, J. *see* Andreev, J. 45362
Buyanova, I.A., Chen, W.M., Henry, A., Ni, W.-X., Hansson, G.V., Monemar, B. Influence of growth conditions on the formation of deep photoluminescence bands in MBE-grown Si layers and SiGe/Si quantum structures 2167
Buyanova, I.A. *see* Chen, W.M. 2112
Buyanova, I.A. *see* Chen, W.M. 22540
Buyanova, I.A. *see* Ni, W.-X. 2168
Buyse, H. *see* Aranyosi, A. 52284
Buyse, H. *see* Fu, Y. 61180
Buyse, H. *see* Robyns, B. 60769
Buyukaksoy, A., Cevik, M., Uzgoren, G. Scattering of plane waves by a thick half-plane with resistive vertical walls 56023
Buyukaksoy, A., Serbest, A.H., Kara, A. Diffraction coefficient for a half-plane with anisotropic conductivity 4226
Buyukaksoy, A. *see* Sapmaz, S. 45085
Buyuklimanli, T. *see* Lanzerotti, L.D. 42962
Buyun Liu *see* Lequesne, B. 29225
Buzanov, O.A., Naumov, A.V., Nechaev, V.V., Knyazev, S.N. A new approach to the growth of langasite crystals 10624
Buzek, O. Temperature sensitivity of a fibre optic timing link 36107
Buzelis, R., Vaicekauskas, R., Dementiev, A., Ivanauskas, F., Kosenko, E., Murauskas, E., Radzhiunas, M. Numerical analysis and experimental investigation of the generation, SBS compression, and amplification of short pulses of an Nd:YAG laser 3770
Buzenac, V., Settineri, R., Najim, M. A new cumulant-based lattice algorithm for adaptive identification of non-Gaussian bidimensional AR processes 25662
Buznikov, N.A., Pukhov, A.A. Main dimensionless parameters to describe the quench process in superconductors with changing current 43751
Buzug, T.M. *see* Rohr, K. 15994
Buzuloiu, V. *see* Vertan, C. 57030
Buzulutskov, A., Breskin, A., Chechik, R. Photoemission through thin dielectric coating films 31682
Buzykaev, A., Cherepanov, C., Danilyuk, A., Ganzhur, S., Gorodetskaya, T., Kolachev, G., Kravchenko, E., Mikerov, V., Muraviova, T., Onuchin, A., Shamov, A., Tayursky, V., Teplygin, V., Vorobiov, A., Yurchenko, V. Project of aerogel Cherenkov counters for KEDR 37237
Buzykaev, A., Danilyuk, A., Ganzhur, S., Gorodetskaya, T., Kravchenko, E., Onuchin, A., Vorobiov, A. Aerogels with high optical parameters for Cherenkov counters 37240
Buzykaev, A. *see* Arisaka, K. 37239
Buzykaev, A. *see* Arisaka, K. 37460
Buzzelli, E.S. *see* Golovin, M.N. 61052
Buzzo, A. *see* Paolucci, P. 37242
Buzzo, M.L. *see* Caires, M.I. 38964
Byalko, A.A. *see* Adam, J. 59352
Byat, M.R. *see* Faiz, J. 31550
Bych, K.H. Self-assessment technique for the competitive utility business 19458
Bych, K.H. Independent nuclear safety engineering principles the four "P"s of success 38534
Bychkov, D.M. *see* Matveyev, A.Ya. 27041
Bychkov, E.A. *see* Legin, A.V. 27459
Byck, A.P. *see* Germanenko, I.N. 14505
Byczkowska-Lipinska, L., Mikulska, M., Mlotkowski, A. Free vibrations of transformer windings 60835
Byczynski, G.E., Kierkus, W., Northwood, D.O., Penrod, D., Sokolowski, J.H., Esseltine, W.A., Oswald, J., Thomas, R. The effect of quench rate on mechanical properties of 319 aluminum alloy castings 10932
Bydzovsky, J. *see* Benda, O. 23317
Bye, M. *see* Sapilewski, G. 7594
Bye, M. *see* Worden, P.W. 7593
Byeon SangGi *see* SangGi Byeon
Byeong Gi Lee *see* Jae Hwi Shin 31394
Byeong Gi Lee *see* Seung Joo Maeng 41338
Byeong Ho Oh, Sang Ho Lee Test suite generation method considering of data flow anomalies in protocol testing 16099
Byeong Joo Lee *see* Ki Chang Son 50752
Byeong Kwon Ju *see* Hoi Hwan Chung 12737
Byeong Kwon Ju *see* Sanjo Lee 53966
Byeong Kwon Ju *see* Seongjin Kim 53961
Byeong Kwon Ju *see* Yun Hi Lee 58927
Byeong Woo Lim, Ji Cheol Park, Dong Geun Jeong Implementation issues on wireless data services in CDMA cellular and PCS networks 47725
Byeong Woo Lim *see* Dongwoo Kim 47791
Byeong Yeol Song *see* Hyo Jong Lee 57598
Byeong-Cheol Choi, Youn-Kwae Jeong, Chang-Soo Sone, Byeong-Nam Yoon A method of reconfiguration for multiple paths based on self-routing in CDMA mobile communication network 58187
Byeong-Gwon Kang, Myoung-Jin Kim Comparison of coding effects in a diversity combining DS/CDMA cellular system 47793
Byeong-Ho Park *see* Keun-Sun Chang 60514
Byeong-Kwon Ju *see* Woo-Beom Choi 54320
Byeong-Kwon Ju *see* Yun-Hi Lee 17710
Byeong-Nam Yoon *see* Byeong-Cheol Choi 58187
Byeong-Rim Jo *see* Sung-Soo Hong 9320
Byeong-Soo Bae *see* Byung-Hyuk Jun 55374
Byeong-Soo Bae *see* Junmo Koo 52745
Byeoung Kwon Ja *see* Jae Hoon Jung 53955
Byer, R.L. *see* Bosenberg, W.R. 24120
Byer, R.L. *see* Myers, L.E. 23437
Byer, R.L. *see* Taira, T. 55557
Byers, J.C. *see* Reece, W.J. 35682
Byers, J.D. *see* Petersen, J.S. 42835
Byers, S. *see* Dahlin, M.J. 18931
Byeungsoo Cheun, Endo, H., Hayashi, T., Nagashima, Y., Watanabe, E. Development of an ultra high sensitive tissue biosensor for determination of swellfish poisoning, tetrodotoxin 36708
Byggstoyl, S. *see* Bedringas, K.W. 38960
Bykhovski, A.D., Kaminski, V.V., Shur, M.S., Chen, Q.C., Khan, M.A. Pyroelectricity in gallium nitride thin films 2024
Bykov, A.A., Popov, V.Yu., Sveshnikov, A.G., Volkova, I.O., Tikhonravov, A.V. On resonance excitation of guided modes of a periodic dielectric waveguide by an external plane wave 24521
Bykov, A.B. *see* Petricevic, V. 3795
Bykov, E. *see* Fischer, A. 39103
Bykov, E. *see* Shao, M. 9554
Bykov, E. *see* Shao, M. 39090
Bykov, M. *see* Poltanov, A. 33876
Bykov, M.A. *see* Kondratenko, A.K. 33901
Bykov, Yu.G., In'kov, Yu.M., Simonov, M.D. Adjustment characteristics of AC-DC single-phase sinusoidal current reversive voltage convertor 9660
Bykov, Yu.G., In'kov, Yu.M., Simonov, M.D. Control characteristics of a single-phase reversible voltage converter 29423
Bykov, Yu.V., Yarmolik, V.N. Synthesis of transformers of pseudorandom codes for self-testing digital components meeting the IEEE standard 7174
Bykova, L.E. *see* Kim, P.D. 3182
Bykowski, M. *see* Galloway, J.H. 51900
Bylander, D.M. *see* Gu, Y.M. 22388
Bylander, L. *see* Johlander, B. 28558
Bylkin, B.K., Savchenko, V.A. Concepts of decommissioning nuclear facilities in Russia 29040
Byme, D.M. *see* Progler, C.J. 22666
Bynng-Sun Park *see* Jin-Hee Lee 13015
Byoun, S.J. *see* Park, M.K. 51819
Byoung Goo Min *see* Joo Young Park 18345
Byoung Ho Choi *see* Chul Woo Lee 43910
Byoung Hun Lee *see* Il-Kwon Kim 41170
Byoung Hwa Kim *see* Eui Seop Poong 15684
Byoung Seob Park, Sung Chun Kim Design and analysis of a new fast packet switching fabric supporting multimedia traffic 46657
Byoung Sil Chon *see* Dae Ik Kim 11446
Byoung Teak Lee *see* Soon Oh Park 1350
Byoung Yong Kang *see* Woo Seop Lee 18963
Byoung Yoon Cheon *see* Moung Ho Lee 41596
Byoung Yoon Kim *see* Bong Wan Lee 27643
Byoung Yoon Kim *see* Min-Yong Jeon 14003
Byoung Yoon Kim *see* Roman Kiyan 14005
Byoung-Chul Ahn *see* Een-Kee Hong 47664
Byoung-Duk Lim *see* Dae-Im Kang 58617
Byoung-Geuk Kim, Sekyung Lee, Teruo Kishi Time-domain reflection field analysis for ultrasonic evaluation of thin layered media 40737
Byoung-Gue Min, Kyung-Wook Jang, Dong-Hi Lee Preparation and characterization of thermoelectric β-$FeSi_2$ phase dispersed with Si 31908
Byoung-Gwan Kim *see* Bum-Youb Lee 21560
Byoung-Jin Kim, Jae-Ho Choi, Jae-Sik Kim, Chang-Ho Choi Digital control scheme of UPS inverter to improve the dynamic response 19861
Byoung-Joon Lee, Mark, J.W. Parameter dimensioning of access control in LAN/MAN network interconnection 6118
Byoung-Kuk Lee, Bum-Seok Suh, Dong-Seok Hyun Design considerations for the improved Class-D inverter topology 51125
Byoung-Soo Yoon *see* Bong-Soo Kim 50492
Byoung-Sun Kang *see* Dong-Soo Yoon 2431
Byoung-Tak Zhang Design and training of neural network models by genetic programming 14832
Byoung-Tak Zhang *see* Ju-Hyun Lee 58087
Byoung-Uk Ihn *see* Jin-Hi Shin 22783
Byoung-Whi Kim, Eun-Chang Choi, Kwon Chul Park, Seok-Youl Kang An improved theoretical model to explain electronic and optical properties of p-type GaAs/AlGaAs superlattices for multi-wavelength normal incidence photodetectors 32021
Byoung-Yoon Choi *see* Se-Ho Kim 50544
Byoungho Lee *see* Soo-Gil Kim 44769

ByoungSeon Choi A recursive algorithm for solving the normal equations of bilateral AR models 45755
Byrd, D.A., Michaud, F.D., Bender, S.C., Luettgen, A.L., Holland, R.F., Atkins, W.H., O'Brian, T.R., Lorentz, S.R. Design, manufacture, and calibration of infrared radiometric blackbody sources 17177
Byrd, J. *see* Heifets, S. 49221
Byrd, J.M., Barry, W., Corlett, J.N., Fox, J., Teytelman, D. Observations of collective effects at the Advanced Light Source 49253
Byrd, J.M., Holtzapple, R., Podobedov, B. Single-bunch collective effects in the Advanced Light Source 18004
Byrd, J.M. *see* Corlett, J.N. 49255
Byrd, L.Y., III, Thompson, R.A. Hardware-in-the-loop testing for the LOCAAS laser radar anti-material munition 28524
Byrd, R.H., Khalfan, H.F., Schnabel, R.B. Analysis of a symmetric rank-one trust region method 10415
Byrd, V.T., Parker, J.K. Further consideration of an electromechanical thrust vector control actuator experiencing large magnitude collinear transient forces 49947
Byrne, A. *see* Churilov, L. 40014
Byrne, A.J. *see* Morris, S.E. 21529
Byrne, H.J. *see* Werner, A.T. 1843
Byrne, S. *see* Li, L. 42476
Byrnes, J.S., Saffari, B., Shapiro, H.S. Energy spreading and data compression using the Prometheus Orthonormal Set 45615
Byrnes, J.S. *see* Balart, R. 415
Byron, J.R. Spectral encoding of soil texture: a new visualization method 4454
Bystricky, J., Calvet, D., Ernwein, J., Gachelin, O., Hansl-Kozanecka, T., Hubbard, J.R., Huet, M., Le Du, P., Mandjavidze, I., Mur, M., Smizanska, M., Thooris, B. A sequential processing strategy for the ATLAS event selection 59318
Bystrom, K. *see* Barfield, W. 48778
Byszewski, W.W., Li, Y.M., Budinger, A.B., Gregor, P.D. Advances in starting high-intensity discharge lamps 20224
Byszewski, W.W. *see* Gregor, P.D. 39405
Byueng-Su Yoo *see* Hye Yong Chu 24007
Byueng-Su Yoo *see* Hyo-Hoon Park 3820
Byueng-Su Yoo *see* Hyo-Hoon Park 24004
Byun, D., Kim, G., Lim, D., Lee, D., Choi, I.H., Park, D., Kum, D.W. Optimization of the GaN-buffer growth on 6H-SiC(0001) 31843
Byun, K.-B. *see* Son, M.-S. 54345
Byun, K.-R. *see* Lee, J.-H. 2327
Byun, Y.B. *see* Kim, E.S. 51301
Byun, Y.T. *see* Noh, T.W. 21298
Byun Hyung Gi *see* Hyung Gi Byun
Byun Hyung-Gi *see* Hyung-Gi Byun
Byun Jin Seob *see* Jin Seob Byun
Byun Jong-Eun *see* Jong-Eun Byun
Byun Taekyung *see* Taekyung Byun
Byung Chai Lee *see* Ki Chang Son 50752
Byung Cheol Lee *see* Sung Oh Cho 7718
Byung Cheol Shin *see* Bong Dae Choi 5748
Byung Gook Park *see* Chun Gyoo Lee 53938
Byung Gook Park *see* Il Hwan Kim 53960
Byung Gyu Chae, Su Jae Lee, Chae Ryong Cho, Seong Hyun Kim, Yong Suk Yang, Heung Jin Joo, Min Su Jang Switching characteristics of $Pb(Zr_{0.52}Ti_{0.48})O_3$ thin films prepared by RF magnetron sputtering 23176
Byung Gyu Chae *see* Yong Suk Yang 23177
Byung Gyu Chae *see* Yong Suk Yang 43586
Byung Ha Lim *see* Youngho Lee 57681
Byung Heon Cha *see* Won Kweon Jang 44370
Byung Heon Cha *see* Won-Kweon Jang 23768
Byung Hoon Jeong, Jin Koo Rhee, Chul Hwan Jung, Eung Ho Rhee, Hyung Jin Yoon, Jong Tae Paek, Hyung Joun Yoo A study on the optimization of a CMP system design for lowering of bull's eye effects 54462
Byung Hwan Jun, Moo Young Kim, Chang Soo Kim, Kang Ryoung Park, Jaihie Kim Curvature stroke modeling for the recognition of on-line cursive Korean characters 57174
Byung Kil Yu *see* Evans, J.W. 39921
Byung Kwon Song, Myung Soo Han, Young Sun Ryu, Yoo Bum Hou, Tae Won Kang, Yong Taek Jeoung, Hong Kook Kim, Jae Mook Kim, Kun Ho Yoo Characteristics of CdTe/Si according to growth condition 30776
Byung Kwon Song *see* Myung Soo Han 30779
Byung Man Kwak *see* Jeung Sang Go 13169
Byung Moon Ghil *see* Yun Kyong Kim 40045
Byung Sik Yoon *see* Seok Jin Jang 58162
Byung Soo Jeon *see* Sang Won Kang 58925
Byung Soo Kim *see* Taesam Kang 10235
Byung Sun Lee *see* DongGill Lee 47475
Byung Tae Ahn *see* Hyo-Hoon Park 24004
Byung Uk Choi *see* Choi Byung Uk
Byung Won Cho *see* Hyung Sun Kim 29531
Byung-Chun Jeon *see* Chun-Kwan Park 25874
Byung-Deuk Jeon, Ho Ki Kwon, Byung-Doo Choe Properties of DX center in Te-doped $In_{1-x}Ga_xAs_yP_{1-y}/GaAs_{0.61}P_{0.39}$ 12324
Byung-Do Yoon, Yoon-Ho Kim, Hong-Woo Rhew, Chan-Ki Kim An approach for the design of fuzzy sliding adaptive controller in induction motor drives 51671
Byung-Don Min *see* Chang-Sik Son 31815
Byung-Don Min *see* Seong-Il Kim 10756
Byung-Doo Choe *see* Byung-Deuk Jeon 12324
Byung-Doo Choe *see* Hee-Dae Kim 22244
Byung-Doo Choe *see* Kwon, S.D. 2102
Byung-Doo Choe *see* Moon, C.R. 32069
Byung-Doo Choe *see* Sang-Wan Ryu 41924
Byung-Doo Choe *see* Sang-Wan Ryu 55597
Byung-Eul Jun *see* Kwang-Seop Eom 15213
Byung-Gi Kim, Hoon Chang, Jung Wan Cho Methodology for ensuring high reliability of VLSI systems 43182
Byung-Gon Park, Moo-Young Chun, Seung-Ri Kim Laboratory test of CCD 1 in BOAO 7404
Byung-Gook Lee *see* Ki Yong Lee 15071
Byung-Gook Park *see* Yeong-Taek Lee 54650
Byung-Gu Kwak, Dong-Hyun Kim, Jong-Han Joung, Dong-Joe Kwak, Jung-Soo Cho, Hee-Je Kim Optimal operating characteristics of pulsed Nd:YAG laser using PFN simulation 60890
Byung-Hak Cho *see* Yong-Kwan Lee 8724
Byung-Hoon Suh *see* Tae-Sung Jung 1329
Byung-Hoon Suh *see* Young-Joon Choi 1403
Byung-Hyuk Jun, Sang-Soo Han, Kyong-Sub Kim, Joon-Sung Lee, Zhong-Tao Jiang, Byeong-Soo Bae, Kwangsoo No, Dong-Wan Kim, Ho-Young Kang, Young-Bum Koh Titanium oxide film for the bottom antireflective layer in deep ultraviolet lithography 55374
Byung-Hyuk Min, Cheol-Min Park, Juhn-Suk Yoo, Min-Koo Han Poly-Si TFTs fabricated at low temperature using in-situ doping process 22797
Byung-Hyuk Min, Cheol-Min Park, Min-Koo Han A novel polysilicon thin-film transistor with a p-n-p structured gate electrode 12934
Byung-Hyuk Min *see* Cheol-Min Park 22580
Byung-Hyuk Min *see* Cheol-Min Park 22799
Byung-Hyuk Min *see* Cheol-Min Park 41783
Byung-Hyuk Min *see* Jae-Hong Jun 22874
Byung-Hyuk Min *see* Juhn-Suk Yoo 2624
Byung-Il Lee *see* Dong-Chan Kim 42663
Byung-Jin Cho, Se-Aug Jang, Young-Bog Kim, Dong-Duk Lee, Jong-Choul Kim Anomalous field-oxide-ungrowth phenomenon in recessed local oxidation of silicon isolation structure 42511
Byung-Jin Cho *see* Se-Ang Jang 54445
Byung-Jo Bang *see* Seoung-Jun Oh 57058
Byung-Ki Kim *see* Jong-Heun Lee 36753
Byung-Ki Sohn, Chang-Soo Kim A new pH-ISFET based dissolved oxygen sensor by employing electrolysis of oxygen 27457
Byung-Ki Sohn *see* Dae-Hyuk Kwon 27458
Byung-Kook Kim *see* Yang-Gyun Oh 29002
Byung-Kwon Min, Dong Woo Cho, Sang-Jo Lee, Young-Pil Park Sonar mapping of a mobile robot considering position uncertainty 59004
Byung-Lyul Park *see* Myoung-Bum Lee 41540
Byung-Moo Moon *see* Eui-Hyeon Hwang 40561
Byung-Moon Han *see* Jang-Cheol Seo 60351
Byung-Moon Jin, Ruyan Guo, Bhalla, A.S., Sung-Chul Kim Piezoelectric properties and equivalent circuits of ferroelectric relaxor single crystals 54945
Byung-Seok Park *see* Cheoul-Shin Kang 48016
Byung-Seub Lee, Jae-Keol Lee Adaptive optimum M-ary PSK classifier 14784
Byung-Sik Moon *see* Jei-Hwan Yoo 1335
Byung-Sik Moon *see* Kyuchan Lee 53291
Byung-Soo Jean, Jae Soo Yoo, Jong Duk Lee Electrophoretic deposition of ZnO:Zn phosphor for field emission display applications 40491
Byung-Sun Park, Jin-Hee Lee, Hyung-Sup Yoon, Jeon-Wook Yang, Chul-Soon Park, Kwang-Eui Pyun 0.15 μm T-shaped gate pseudomorphic HEMT fabricated using a new optical lithographic technique 13007
Byung-Tae Choi *see* Kyung-Hoon Lee 57063
Byung-Tae Jeung *see* Jun-Hee Hong 60344
Byung-Uk Choi *see* Jin-Ho Hahm 7064
Byung-Uk Lee *see* Seung Soo Chae 7070
Byung-Woo Yoon *see* Seok Jin Jang 58162
Byung-Woog Cho *see* Dae-Hyuk Kwon 27458
Byung-Yoon Kim, Dong-Chan Kim, Seung-Ki Joo A new technique for via plugging through the selective chemical vapor deposition of aluminum 42659
Byung-Yoon Kim *see* Dong-Chan Kim 42663
Byung-Yoon Kim *see* Ki-Soo Kim 17404
Byungchun Jeon *see* Sunmoo Kang 46781
Byungkyoo Suh *see* Jongsoo Kim 10057
Byungmoon Jin *see* Jaeong Park 46766
Byungsung Kim *see* Eungsu Kim 34110
Byunguk Choi *see* Kim, S.J. 57169
Byungwoo Park Model for dopant-induced enhancement in solid-phase epitaxial recrystallization of amorphous Si 10755
Byungwoo Park *see* Deok-Hyung Lee 12639
Byungyang Ahn A study on a high-speed Gaussian random number generator 56233
Byungyou Hong, Joungchel Lee, Collins, R.W., Yalei Kuang, Drawl, W., Messier, R., Tsong, T.T., Strausser, Y.E. Effects of processing conditions on the growth of nanocrystalline diamond thin films: real time spectroscopic ellipsometry studies 40606
Byungyou Hong *see* Joungchel Lee 860
Bzhaumikhov, A. *see* Arkadiev, V. 37578
Bzik, T.J. Assessing the role of statistics in next-generation standards 39728
C, E.Rotiu *see* Rotiu C, E.
C., M.A.Pena *see* Pena C., M.A.
C., R.Gonzalez *see* Gonzalez C., R.
C., T.Aljama *see* Aljama C., T.
C. Chamon, C.de *see* de C. Chamon, C.
C. Pinto, A.de *see* de C. Pinto, A.
C.-H. Wu Allen *see* Allen C.-H. Wu
Caamano, E., Lorenzo, E. Modelling and financial analysis tools for PV grid-connected systems 19619
Caballero, J.A. *see* Ren, F. 2403
Caballero, M.A. *see* Martinez-Lopez, J. 10595
Caballero-Gil, P. *see* Fuster-Sabater, A. 45566
Cabanas, M.F., Aleixandre, J.G., Sanz, M.A., Neira, A., Otero, A., Sariego, J.S. Detection of induction machine incipient failures using knowledge based techniques 50999
Cabanas-Moreno, J.G. *see* Gudino-Martinez, A. 2000
Cabanel, C. *see* Nicoletti, S. 3293
Cabanel, R. *see* Brochard, P. 44674
Cabanski, W., Koch, R., Maier, H., Pahler, G., Wendler, J., Ziegler, J., Hofmann, K., Eberhardt, K., Deimel, P., Prechtel, U., Kapser, K. AEG PtSi modules: A summary [IR detectors] 17501
Cabara, T.J., Fischer, W.C., Harrington, J., Troutman, W.W. Forming damped LRC parasitic circuits in simultaneously switched CMOS output buffers 41029
Cabarrocas, P.Roca i *see* Roca i Cabarrocas, P.
Cabaussel, D. *see* Scheurer, J.N. 59353
Cabel, D. *see* Wiecek, B. 5482
Cabello, D. *see* Mosquera, A. 5573
Cabestaing, F. *see* Ambellouis, S. 46513
Cabestaing, F. *see* Yue Feng Wan 25507
Cabeza, R., Carlosena, A. Analog universal active device: theory, design and applications 41322
Cabezas, R. *see* Perez-Rodriguez, A. 2081
Cabezas, R. *see* Perez-Rodriguez, A. 31936
Cabezas, R. *see* Perez-Rodriguez, A. 32120
Cabiati, F. Linking electrical with mechanical quantities through electro-mechanical resonance 27383
Cabiati, F., Capra, P.P., Reedtz, G.M., Sosso, A., Rinaudo, G. Quantization test of a Hall device by ac measurements of the longitudinal resistance 27247
Cable, A. New laser processes and wavelengths for drilling through-hole and blind vias in a wide range of circuit board materials 1817
Cable, A. Laser micro-via drilling in circuit boards 53770
Cable, J. *see* Zunkel, K. 20500
Cable, J.S. *see* Tseng, Y.C. 22964
Cable, M.D. *see* Barnard, J.J. 59104
Cable, M.D. *see* Fessenden, T.J. 59135
Cable, M.D. *see* Friedman, A. 59103
Cable, V. The virtual compact range 34198
Cable, V.P. *see* Chevalier, M.W. 44860
Cabodi, G., Camurati, P., Quer, S. Improved reachability analysis of large finite state machines 11358
Cabon, B., Hilt, A., Vilcot, A., Czotscher, K., Weisser, S., Berceli, T. Hybrid integration of laser diode chips on a glass substrate 58314
Cabon, B. *see* Corrao, N. 9916
Cabot, P.L. *see* Adam, A.M.M.M. 9474
Cabraal, A., Cosgrove-Davies, M., Schaeffer, L. Best practices for photovoltaic household electrification programs 38660
Cabral, C., Clevenger, L.A., Jr., Harper, J.M.E., d'Heurle, F.M., Roy, R.A., Saenger, K.L., Miles, G.L., Mann, R.W. Lowering the formation temperature of the C54-$TiSi_2$ phase using a metallic interfacial layer 42660
Cabral, C., Jr. *see* Clevenger, L.A. 31793
Cabral, C., Jr. *see* Clevenger, L.A. 42748
Cabral, C., Jr. *see* Svilan, V. 43321
Cabral, F.A.O. *see* De Morais, E. 7532
Cabral-Cardoso, C., Payne, R.L. Instrumental and supportive use of formal selection methods in R&D project selection 111
Cabre, R. *see* Sole, R. 682
Cabre, R. *see* Sole, R. 10602
Cabreira, M.F.R.R. *see* Bastos, J.P. 51020
Cabrera, B., Brink, P.L., Clarke, R.M., Chugg, B., Davies, A.K., Nam, S.W., Young, B.A. Low temperature detectors for dark matter searches 37470
Cabrera, B. *see* Booth, N.E. 59194
Cabrera, B. *see* Shutt, T. 37472
Cabrera, F.J. *see* Jimenez, E. 31483
Cabrera, G. *see* Baez-Lopez, D. 20491
Cabrera, J.M., Olivares, J., Carrascosa, M., Rams, J., Muller, R., Dieguez, E. Hydrogen in lithium niobate 13527
Cabrera, J.M. *see* Herreros, B. 13638
Cabrera, J.M. *see* Rams, J. 33693
Cabrera, J.M. *see* Rams, J. 55278
Cabrera, S.D. *see* Carrillo, G. 52320
Cabrera, S.D. *see* Thomas, G. 6895
Cabrera, S.D. *see* Thomas, G. 26997
Cabrera, S.D. *see* Vega-Pineda, J. 5547
Cabrit, B., Kofman, W. Ionospheric composition measurement by EISCAT using a global fit procedure 60069
Cabrita, C.P. *see* Goncalves, G.J. 50911
Cabuz, C. Tradeoffs in micro-opto-electro-mechanical system materials 54859
Cabuz, C. *see* Mizuno, J. 13170
Caccavale, F. *see* de Marchi, G. 13650
Caccavale, F. *see* Kleps, I. 41779

Caccia, M. *see* Becks, K.H. 59228
Cacciari, L., Rafiq, O. Validation of protocols with temporal constraints 46725
Cacciari, M., Contin, A., Mazzanti, G., Montanari, G.C. Identification and separation of two concurrent partial discharge phenomena 32693
Cacciari, M. *see* Contin, A. 8943
Cacciato, A. *see* Polignano, M.L. 31771
Cacciatore, C., Faustini, L., Leo, G., Coriasso, C., Campi, D., Stano, A., Rigo, C. Dynamics of nonlinear optical properties in $In_xGa_{1-x}As/InP$ quantum-well waveguides 44720
Cacciatore, C. *see* Coriasso, C. 13653
Caceres, M.O. *see* Chattah, A.K. 3297
Cacheris, W.P. *see* Christy, D.H. 18305
Cacialli, F., Friend, R.H., Haylett, N., Daik, R., Feast, W.J., dos Santos, D.A., Bredas, J.L. Efficient green light-emitting diodes from a phenylated derivative of poly(p-phenylene-vinylene) 13872
Cacialli, F. *see* Garten, F. 55448
Caciotta, M., Lamedica, R., Orsolini Cencelli, V., Prudenzi, A., Sforna, M. Application of artificial neural networks to historical data analysis for short-term electric load forecasting 50486
Caciotta, M. *see* Lamedica, R. 8834
Caciotta, M. *see* Lamedica, R. 19248
Caciuleanu, C. *see* Baluta, G. 38764
Cacopardi, S., Frescura, F., Gambi, M., Reali, G. New concatenated sequences for wireless indoor asynchronous DS-CDMA communications 5807
Cacopardi, S., Frescura, F., Reali, G. Combined OFDM-CDMA configuration for multimedia wireless applications 16410
Cacopardi, S. *see* Andreoli, S. 36333
Cada, M. *see* Jianying Zhou 33510
Cadalbert, D.A., Jr *see* Thompson, K.C. 20940
Cadalli, N., Arikan, O. Wide-band maximum likelihood direction finding by using tree-structured EM algorithm 4684
Caddemi, A., Di Paola, A., Sannino, M. Full characterization of microwave low noise HEMTs: measurements vs. modeling 21917
Caddemi, A., Di Paola, A., Sannino, M. Microwave noise parameters of HEMTs vs. temperature by a simplified measurement procedure 53600
Caddemi, A., Di Paola, K., Sannino, M. Complete characterization of low-noise devices at microwave frequencies: two alternative procedures for HEMTs 13023
Caddemi, A., Di Prima, F., Sannino, M. Comparative performance of the equivalent noise resistance of low-noise microwave FETs 41453
Caddemi, A., Sannino, M. Noise parameters of HEMTs: analysis of their properties from a circuit model approach 13022
Cadena, S. *see* Brownson, R. 39932
Cadena, S.A.Bautista *see* Bautista Cadena, S.A.
Cader, A. *see* Matusiak, M. 28174
Cadete Santos Aires, F. *see* Venet, T. 12226
Cadicu, F.J. High energy product permanent magnet films 43709
Cadiou, J.-C., M'Sirdi, N.K., Laval, L. Adaptive control of an electric actuator with backlash and static friction 60967
Cadoret, M. *see* Yassfy, A. 12720
Cadoret, R. *see* Chapelain, D. 47911
Cadoret, R. *see* Parillaud, O. 10704
Cadorette, J. *see* Bentourkia, M. 49490
Cadot, O., Sinclair-Desgagne, B. On the computation of randomized Markov equilibria 10276
Cadre, J.-P.Le *see* Le Cadre, J.-P.
Cadre, J.E.Le *see* Le Cadre, J.E.
Caefer, C.E. *see* Silverman, J. 7401
Caelli, T., Bischof, W.F. Learning to describe and efficiently recognize patterns and objects in scenes 25681
Caelli, T. *see* Carevic, D. 5422
Caelli, T. *see* Carevic, D. 35271
Caelli, T. *see* Dance, S. 5245
Caenegem, B.Van *see* Van Caenegem, B.
Caenepeel, C. *see* Wyrick, C. 20716
Caers, J.F.J.M. *see* Baggerman, A.F.J. 1784
Caetano, E.W.S. *see* Mendes, E.A. 41979
Caetano, M., Pereira, J. The effect of the understory on the estimation of coniferous forest leaf area index (LAI) based on remotely sensed data 50020
Caetano, T. *see* Pakter, R. 17943
Caf, M. *see* Gergic, B. 61348
Cafazzo, J.A. *see* Ratner, J. 59578
Cafballo, E. *see* Ramos, J. 6449
Caffau, E., Coren, F., Giannini, G. Underground cosmic-ray measurement for morphological reconstruction of the "Grotta Gigante" natural cave 59204
Caffey, T.W.H. A range algorithm for ground penetrating radar 6963
Caffin, D., Bouche, M., Meghelli, M., Duchenois, A.M., Launay, P. InP/InGaAs double-HBT technology for high bit-rate communication circuits 22956
Cafforio, C., Di Sciascio, E., Guaragnella, C. Spectral extrapolation in sub-band coding 46349
Caflisch, R.E., Shi Jin, Russo, G. Uniformly accurate schemes for hyperbolic systems with relaxation 40221
Cafuta, P., Stumberger, G., Grcar, B., Dolinar, D. IM modeling and analysis: a modulation-demodulation problem 20111
Cafuta, P. *see* Grcar, B. 20138
Cafuta, P. *see* Grear, B. 29678
Cagan, V. *see* Lisfi, A. 3166
Cagan, V. *see* Nedkov, I. 23340
Cage, M.E. Evidence that voltage rather than resistance is quantized in breakdown of the quantum Hall effect 12351
Cage, M.E., Jeffery, A. Intrinsic capacitances and inductances of quantum Hall effect devices 58615
Caggiano, R.J. High-speed circuit board test fixture solutions 53755
Cagigal, M.P., Portilla, M.G., Prieto, P.M. Error reduction in centroid estimates using nonlinear image detectors 7425
Caglar, A.T., Krile, T.F., Walkup, J.F. Application of multiple error correcting binary BCH codes to optical matrix-vector multipliers 3518
Cagle, J. *see* Engel, A. 41217
Cagnac, B. *see* de Beauvoir, B. 27263
Cagnoni, S. *see* Bucci, G. 15427
Cahan, B. *see* de Carlan, L. 37504
Cahen, D. *see* Lyubomirsky, I. 31957
Cahill, C. *see* O'Flaherty, M. 39828
Cahill, C. *see* Rosten, H.I. 52280
Cahill, D.G. *see* Lee, S.-M. 32619
Cahill, L.W. *see* Campbell, D.A. 8061
Cahill, M.J.L., Pendock, G.J., Sampson, D.D. Low error rate return-to-zero direct modulation of gain-switched lasers 3835
Cai, B., Seeds, A.J. Optical frequency modulation links: Theory and experiments 58276
Cai, C.B. *see* Postrekhin, E.V. 13489
Cai, D., Bishop, A.R., Gronbech-Jensen, N., Malomed, B.A. Dark shock waves in the nonlinear Schrodinger system with internal losses 23491
Cai, D., Gronbech-Jensen, N., Snell, C.M., Beardmore, K.M. Phenomenological electronic stopping-power model for molecular dynamics and Monte Carlo simulation of ion implantation into silicon 22544
Cai, D.Q. *see* Yuan, S. 42136
Cai, H., Larsson, S.-E., Oberg, P.A. A new single fibre laser Doppler flowmeter based on a digital signal processor 37633
Cai, H. *see* Pettersson, H. 18323
Cai, H.T., Fung, P.C.W. New method of adjusting color distribution of pseudocolor encoding image for phase image 35259
Cai, H.T., Fung, P.C.W. Thermal diffusivity measurement of materials using photoacoustic two-beam phase lag method 36955
Cai, J. *see* Baoping Wang 41785
Cai, K.Z., Mambo, P. Subharmonic mixers simplify high frequency designs for personal communications system 58204
Cai, L., Han, S., May, G., Kamra, S., Krygowski, T., Rohatgi, A. Optimization of saturation current density of PECVD SiN coated phosphorus diffused emitters using neural network modeling 10815
Cai, M., Zhou, H., Ljepojevic, N.N. Ideal absorption condition for FDTD method in isotropic lossy dispersive media 14601
Cai, N. *see* Ahlswede, R. 24623
Cai, Q., Aggarwal, J.K. Tracking human motion using multiple cameras 5594
Cai, S.M. *see* Jia, L. 12708
Cai, S.S. *see* Filanovsky, I.M. 11170
Cai, S.Y. *see* Levush, B. 12097
Cai, X. *see* Liu, F. 15784
Cai, Y. *see* Hill, R.J. 9675
Cai, Y. *see* Wang, S.J. 56826
Cai, Y. *see* Yu, J.G. 39309
Cai, Z.P., Xu, H.Y., Stephan, G. Bipolarization and multiwavelength diode-pumped Nd:YVO_4 microchip laser 23868
Cai, Z.Q. Correlation-based block truncation coding 15656
Cai Bangwei *see* Liu Zhongyong 3963
Cai Chaohao, Cai Yuanyu Optimization of unit commitment by genetic algorithm 60246
Cai Defu *see* Defu Cai
Cai Guowei *see* Ai Xin 60242
Cai Hong *see* Peng Zuoyan 48715
Cai Hongsheng *see* Hongsheng Cai
Cai Hongzhi *see* Hongzhi Cai
Cai Huilong, Peng Yu The instrumentation control system CAD software package (INtools) and its application 7149
Cai Huizhi, Qiao Jun A sonar signal processing system based on TMS320 Series 16981
Cai Jialing *see* Jialing Cai
Cai Jin-Xing *see* Jin-Xing Cai
Cai Jun *see* Jun Cai
Cai Keli *see* Jao Zhixian 53619
Cai Leizhen *see* Leizhen Cai
Cai Li *see* Li Cai
Cai Li Ye *see* Ye Cai Li
Cai Lujing *see* Lujing Cai
Cai Qingshen *see* Mo Dawei 18144
Cai Qiyu *see* Jiang Jianfei 3295
Cai Qiyu *see* Tang Yusheng 3278
Cai Ruizhong *see* Li Tianduo 60527
Cai Shi-Ji *see* Teng Zhi-Meng 32346
Cai Shoulun, Fan Yanli Electron optics in millimeter TWTs 54005
Cai Tian-Hai *see* Tian-Hai Cai
Cai Tiequan *see* Tang Jiyue 55921
Cai Tiequan *see* Tang Jiyue 55923
Cai Wei *see* Zou Jiyan 29471
Cai Weili *see* Wang Yuxia 21334
Cai Weiyou *see* Weiyou Cai
Cai Wen-Bin *see* Wen-Bin Cai
Cai Wenli, Chen Tianzhou, Shi Jiaoying Displaying of details in subvoxel accuracy 15833
Cai Wenli, Shi Jiaoying Composed scattering model for direct volume rendering 18302
Cai Xiang, Dai Fei, Lin Guanwei, Zhang Boming A summarization of EMS application in Henan power system 50395
Cai Xiaoming *see* Xiaoming Cai
Cai Xingxin *see* Han Jinghong 36724
Cai Xiyao *see* Wu Ji 18994
Cai Xiyao *see* Yong Xinyang 36257
Cai Xue-Qiang *see* Wang Xiao-Bing 44807
Cai Xuexiang, Ni Zhengqun, Weng Xingtai The study of equivalent susceptibility of the superstructure model of a vessel 20166
Cai Xuexiang *see* Ni Zhengqun 20165
Cai Yi *see* Gui Yongsheng 3580
Cai Yi *see* Yi Cai
Cai Yu-Qin *see* Huang Wen-Zhong 44354
Cai Yuanyu *see* Cai Chaohao 60246
Cai Yueming, Yu Zongguang, Shen Yongchao The study of a N-path modulator 53368
Cai Yushuang *see* Shen Qihua 840
Cai Zhiqiang *see* Zhiqiang Cai
Cai-Cheng Lu, Ji-Ming Song, Weng Cho Chew, Michielssen, E. The application of far-field approximation to accelerate the fast multipole method 34016
Cai-Cheng Lu, Weng Cho Chew, Ji-Ming Song A study of disparate grid sizes for an irregular-shape scatterer on EFIE, MFIE, and CFIE 34018
Cai-Cheng Lu *see* Weng Cho Chew 45045
Cai-Rong Zou *see* Xiao-Jiao Tao 6988
Cai-Ting Fu *see* Ding-Yu Fei 49559
Cai-Xia Jin *see* Yang, Z. 54159
Cai-Xin Lin *see* Xiao-Gang Wang 24971
Caiani, E. *see* Porta, A. 37816
Caianiello, P. *see* Brunori, G. 468
Caignet, F. *see* Ferreira, A. 9906
Caihua Wang, Abe, K. Stereo matching by integrating piecewise surfaces matched in subranges of depth 5104
Cailan Xiang *see* Xiang Cailan
Cailin Guo *see* Guo Cailin
Cailin Wei, Groen, F., Smit, M.K., Moerman, I., Van Daele, P., Baets, R. Integrated optical elliptic couplers: modeling, design, and applications 55297
Caillat, T., Fleurial, J.-P. Zn-Sb alloys for thermoelectric power generation 20067
Caillat, T., Fleurial, J.-P., Borshchevsky, A. Bridgman-solution crystal growth and characterization of the skutterudite compounds $CoSb_3$ and $RhSb_3$ 10651
Caillat, T., Fleurial, J.-P., Borshchevsky, A. Skutterudites for thermoelectric applications 31913
Caillat, T., Fleurial, J.-P., Borshchevsky, A. A low thermal conductivity compound for thermoelectric applications: β-Zn_4Sb_3 31918
Caillat, T. *see* Baoxing Chen 31925
Caillat, T. *see* Borshchevsky, A. 31915
Caillat, T. *see* Fleurial, J.-P. 20069
Caillat, T. *see* Fleurial, J.-P. 31911
Caillault, S., Aublin, B., Canaud, J.-L., Polidori, L. Map updating from SAR images using a change detection algorithm 16924
Caille, G. *see* Suinot, N. 16928
Caille, G.W. *see* Caspall, J.J. 17873
Caillec, J.-M.Le *see* Le Caillec, J.-M.
Caillec, J.M.Le *see* Le Caillec, J.M.
Cailleu, D. *see* Driouch, F. 11681
Caillol, H., Pieczynski, W., Hillion, A. Estimation of fuzzy Gaussian mixture and unsupervised statistical image segmentation 35295
Caimi, F.M. A review of recent underwater imaging methods and advancements 38097
Caimi, F.M., Bailey, B.C., Blatt, J.H. Spatial coherence methods in undersea image formation and detection 38094
Caimi, F.M., Kocak, D.M., Asper, V.L. Developments in laser-line scanned undersea surface mapping and image analysis systems for scientific applications 38098
Caimi, F.M. *see* Schmalz, M.S. 49993
Cain, B.M., Meidinger, T.V. The improved landmine detection system 8624
Cain, C. *see* Hong Wan 28421
Cain, C. *see* Shen, J. 28108
Cain, C.A. *see* Hong Wan 8104
Cain, C.A. *see* Kluiwstra, J.-U. 28418
Cain, C.A. *see* VanBaren, P. 18519
Cain, G. *see* Bilinskis, I. 4739
Cain, G. *see* Bilinskis, I. 25250
Cain, G. *see* Bilinskis, I. 56528
Cain, G. *see* Salami, M. 31206
Cain, G.D. *see* Yardim, A. 21808
Cain, J.B., McGregor, D.N. A recommended error control architecture for ATM networks with wireless links 25837
Cain, J.B. *see* Billhartz, T. 57614
Cain, J.T. *see* Herrera, R.E. 49678
Cain, M.J. *see* Allred, L.G. 36393
Caine, E.J., Shi, S., Hu, E.L., Li, Y., Idziak, S.H.J., Subramanian, G., Safinya, C.R. Fabrication and characterization of III-V compound semiconductor Bragg-Fresnel lenses for hard X-ray microfocusing 49361
Caines, C. *see* Buehler, M. 28554
Caird, J.A. *see* Van Wonterghem, B.M. 24047

Caires, M.I., Buzzo, M.L., Ticianelli, E.A., Gonzalez, E.R. Preparation and characterization of matrices for phosphoric acid fuel cells 38964
Cairns, G.F., Healy, S.B., Lewis, C.L.S., Pert, G.J., Robertson, E. A time-resolved spectroscopy study of the resonance-line emission in the Ge XXIII XUV laser 13960
Cairns, I.H. On radio wave scattering in the outer heliosphere 34052
Cairns, J. *see* Evans, D.A. 2245
Cairo, O., Villarreal, J. DIFEVS: expert system for failure diagnosis and correction in satellite communications ground stations 47867
Cairone, M. *see* Blau, G. 24234
Cairong Zou *see* Lijun Luo 46305
Caisheng Chen *see* Shuqun Zhang 3507
Caiti, A., Jesus, S.M., Kristensen, A. Geoacoustic seafloor exploration with a towed array in a shallow water area of the Strait of Sicily 18756
Caiti, A., Jesus, S.M., Kristensen, A. Geoacoustic seafloor exploration with a towed array in a shallow water area of the Strait of Sicily 50018
Caiulo, G. *see* Francesconi, F. 1518
Caiyem, Y. *see* Emery, K. 39169
Caiyun Lou *see* Lou Caiyun
Cajewski, H. *see* Herzel, F. 54603
Cajhen, R. *see* Nedeljkovic, D. 8758
Cajka, J. *see* Vrba, K. 11559
Cakar, A.Nur *see* Nur Cakar, A.
Cakir, K.A., Paker, S. Radar cross section of the buried cylindrical conducting objects 33991
Cakiroglu, F. *see* Mangum, B.W. 27206
Cal Ming *see* Ming Cal
Cal Yici *see* Hong Xianlong 52984
Cala, F.R. The current state of aqueous based electronics defluxing 31615
Cala, F.R., Winston, A.E. An inorganic approach to saponification 41668
Calabek, M., Micka, K., Baca, P., Krivak, P., Smarda, V. Resistance changes and premature capacity loss in lead battery plates 29545
Calabrese, D., Covington, A.M., Thompson, J.S. Production of Group IIA atomic and molecular negative ion beams in a cesium-sputter negative ion source 7772
Calabrese, R. *see* Ambrogiani, M. 59219
Calabrese, R. *see* Atutov, S.N. 3497
Calabretta, L., Ciavola, G., Cuttone, G., Gammino, S., Gmaj, P., Migneco, E., Raia, G., Rifuggiato, D., Rovelli, A., Sura, J., Scuderi, V., Acerbi, E., Alessandria, F., Bellomo, G., Bosotti, A., de Martinis, C., Giove, D., Michelato, P., Pagani, C., Rossi, L. First operations of the LNS heavy ions facility 49145
Calabretta, L. *see* Ciavola, G. 49283
Calado, J.M.F., Roberts, P.D. Generating fault detection heuristic rules through deep and shallow knowledge of the process 30344
Calandra, C. *see* Magri, R. 54247
Calandrino, R. *see* Cattaneo, G.M. 59776
Calas, J. *see* Di Blasio, M. 22363
Calatroni, J., Sandoz, E., Tribillon, G., Perrin, H. Double spectral modulation for surface analysis 7649
Calawa, A.R. *see* Chen, C.L. 43149
Calawa, S.D. *see* Chen, C.L. 43149
Calcagni, K. *see* Doss, M. 59941
Calcagnile, L., Coli, G., Rinaldi, R., Prete, P., Greco, D., Stevens, C.J., Cingolani, R., Vanzetti, L., Sorba, L., Franciosi, A. Optical nonlinearities in undoped and modulation-doped $Zn_{1-x}Cd_xSe/ZnSe$ quantum well structures fabricated by molecular beam epitaxy 24116
Calcagnile, L., Greco, D., Coli', G., Cingolani, R., Lomascolo, M., Di Dio, M., Sorba, L., Franciosi, A. Stimulated emission in $Zn_{1-x}Cd_xSe/ZnSe$ quantum wells: exciton, biexciton and free-carrier recombinations 42111
Calcagnile, L. *see* Cingolani, R. 33547
Calcagnile, L. *see* Lovergine, N. 40395
Calcagno, L. *see* Frangis, N. 31886
Calcaterra, A. *see* Andryakov, A. 37226
Calcaterra, A. *see* Paolucci, P. 37242
Calciu, S. *see* Tsai, C.S. 33165
Caldararu, F. *see* Caldararu, M. 3451
Caldararu, M., Craciunoiu, F., Paraschiv, A., Cristea, D., Caldararu, F., Dascalu, D., Klier, C., Mirea, G., Vasile, A., Nicolae, M. Silicon photodiode-waveguide coupling–two-dimensional modelling, software simulation and experiments 3451
Caldarella, R. *see* Warzanskyj, W. 26388
Caldas, I.L. *see* Pakter, R. 17943
Calderbank, A.R., McGuire, G. Construction of a (64,2^{37},12) code via Galois rings 45575
Calderbank, A.R., Sloane, N.J.A. Double circulant codes over Z_4 and even unimodular lattices 56297
Calderbank, A.R., Wen-Ching Winnie Li, Poonen, B. A 2-adic approach to the analysis of cyclic codes 56322
Calderbank, A.R. *see* Gelbium, E.A. 24637
Calderer, J. *see* Ferrer, J.C. 12317
Calderer, J. *see* Pallares, J. 22310
Calderer, J. *see* Perez-Rodriguez, A. 31936
Calderon, G. *see* Morris, K.J. 42884
Calderon, G.M. *see* Vladimirsky, O. 43367
Calderon, G.M. *see* Vladimirsky, Y. 42805
Calderon, O.G., Guerraa, J.M., Costela, A., Garcia-Moreno, I., Sastre, R. Laser emission of a flashlamp pumped Rhodamine 6 G solid copolymer solution 23760
Calderwood, J.H. *see* Morton, D. 43554
Caldironi, M. *see* Francesio, L. 10726
Caldognetto, E.Magno *see* Magno Caldognetto, E.
Caldogno, M. *see* Fioretto, E. 59283
Caldon, R., Mari, A., Paolucci, A., Turri, R. A frequency response analysis for investigating the impact of FACTS on power transmission systems 19278
Caldon, R. *see* Borghetti, A. 50304
Caldwell, D.B., Fox, C.L. Advanced developments in NiH_2 Dependent Pressure Vessel (DPV) cell and battery technology 61032
Caldwell, D.O. *see* Abe, K. 37234
Caldwell, D.O. *see* Shutt, T. 37472
Caldwell, P. *see* Bridger, K. 18301
Caldwell, P.J. *see* Winzer, S.R. 19030
Caldwell, S.A. Methods of predicting the effects of a dynamic deployment system on fibre optic cables 36200
Cale, T. *see* Wang, D. 54381
Cale, T.S. *see* Hung Liao 54521
Cale, T.S. *see* Lijuan Song 40570
Caleca, M.A., Du, H.-H., Flemish, J.R., Withrow, S.P. p-type doping of SiC by aluminium implantation for advanced device applications 42376
Caletka, D. *see* Han, B. 10066
Calhoun, J., Griffin, J., Bullwinkel, A. Developing Internet-based VHDL course material 9919
Calhoun, J.S., Madisetti, V.K., Reese, R.B., Egolf, T. Developing and distributing component-level VHDL models 40776
Calhoun, L.C. *see* Trexler, J.T. 12533
Cali, A., Irrera, A., Leotta, N., Messina, N., Vagliasindi, U. Management of reactive power on a radial MV network by using an expert system 8879
Calico, S. *see* Hendricks, K. 11231
Calico, S.E. *see* Agee, F.J. 53979
Calico, S.E. *see* Haworth, M.D. 12111
Calico, S.E. *see* O'Loughlin, J.P. 60868
Caliendo, C., D'Amico, A., Furlani, A., Infante, G., Russo, M.V., Verona, E. Rod-like organometallic polymers with intercalated Pd(II) and Pt(II): novel membranes for SAW sensors 58719
Califano, F.P. *see* Schirone, L. 44165
Caligiore, C. *see* Russo, G.V. 18137
Calin, M. *see* Ballandras, S. 32576
Calin, T., Nicolaidis, M., Velazco, R. Upset hardened memory design for submicron CMOS technology 21695
Calin, T. *see* Velazco, R. 21692
Calise, F. *see* Choi, J.J. 1940
Calisti, A. *see* Benredjem, D. 13913
Calisti, S. *see* Tournois, P. 28109
Calistru, D.M., Demos, S.G., Alfano, R.R. Dynamics of local modes during nonradiative relaxation 23853
Calixto, E., Sebastian, P.J., Fernandez, A. Electro/electroless deposition and characterization of Cu-In precursors for CIS ($CuInSe_2$) films 40504
Calixto, S., Padilla, G.P. Micromirrors and microlenses fabricated on polymer materials by means of infrared radiation 3525
Calixto, S., Scholl, M.S. Relief optical microelements fabricated with dichromated gelatin 55944
Calixto, S. *see* Croutxe-Barghorn, C. 55286
Calkin, D.W., Parkin, R.M. Quarry aggregates: a flexible inspection method utilising artificial neural networks 25734
Calkins, D.E., Davis, D.C., Drain, R.W., Jr., Trevisan, M.S., Gentili, K.L. TIDEE: the first year of a design engineering educational partnership for Washington State 20704
Calkoen, C.J. *see* Vogelzang, J. 50210
Call, A.J. *see* Pompeo, F.L. 30290
Calla, D.A. *see* Qazi, M.J. 41629
Calladine, J. BT Middlewave: software as infrastructure 35573
Callaghan, B. WebNFS: NFS for the Internet 35694
Callaghan, P., Babu, S.K.S., Gomes, N.J., Jastrzebski, A.K. Optical control of MMIC oscillators 21942
Callaghan, R. Power electronics and automation specialists 10043
Callahan, D.A. Chamber propagation physics for heavy ion fusion 59157
Callahan, D.A. *see* Barnard, J.J. 59104
Callahan, D.A. *see* Friedman, A. 59103
Callahan, D.A. *see* Haber, I. 18026
Callahan, D.A. *see* Haber, I. 59125
Callahan, D.A. *see* Sharp, V.M. 18047
Callahan, J.J. *see* Rainer Dohle, G. 245
Callahao, D.A. *see* Haber, I. 18035
Callan, T.P. *see* Glezer, E.N. 32993
Callari, F.G., Ferrie, F.P. Active recognition: using uncertainty to reduce ambiguity 5321
Calle, F. *see* Calleja, E. 44213
Callegaro, L., Puppin, E. Rotational hysteresis model for stressed ferromagnetic films 43633
Callegaro, L., Puppin, E., Petrali, D. A cell for in-plane, isotropic external stressing of thin films: inverse magnetoelastic effects 48951
Callegaro, L. *see* Zangari, G. 3144
Callegati, F., Casoni, M., Corazza, G., Raffaelli, C. Analysis of an ATM shared-buffer switch loaded with bursty traffic 16041
Callegati, F., Pedrelli, M., Raffaelli, C. Analysis of CSMA/CA protocol for wireless networking of ATM multiservice applications 46572
Calleja, A.J. *see* Alonso, J.M. 9716
Calleja, A.J. *see* Alonso, J.M. 29435
Calleja, A.J. *see* Martinez, J.A. 60906
Calleja, E., Sanchez, F.J., Basak, D., Sanchez-Garcia, M.A., Munoz, E., Izpura, I., Calle, F., Tijero, J.M.G., Sanchez-Rojas, J.L., Beaumont, B., Lorenzini, P., Gibart, P. Yellow luminescence and related deep states in undoped GaN 44213
Calleja-Arriaga, W. *see* Osorio-Saucedo, R. 48426
Callender, C.L. *see* Paterson, J. 13633
Callender, C.L. *see* Robitaille, L. 13895
Calligaro, C., Manstretta, A., Rolandi, P., Torelli, G. Mixed sensing architecture for 64 Mbit 16-level-cell nonvolatile memories 21685
Calligaro, C., Rolandi, P., Telecco, N., Torelli, G. A current-mode sense amplifier for low voltage non-volatile memories 21686
Callis, R.W., Lohr, J., O'Neill, R.C., Tooker, J.F., Ponce, D. Status of the DIII-D 110 GHz ECH system 22178
Callon, R.W., Halpern, J., Drake, J., Sandick, H., Jeffords, J. Routing in a multiprotocol over ATM environment 6202
Calloni, E. *see* Barone, F. 7186
Calloway, D.L. Selecting a ternary phase-amplitude filter mask for target discrimination 8686
Calloway, R.S. *see* Targ, R. 27088
Calmon, F., Chante, J.-P., Senes, A., Reymond, B. Estimation of the IGBT silicon temperature during short-circuit condition in order to determine the failure mode 22855
Calmon, F., Chante, J.P., Reymond, B., Senes, A. Analysis of the IGBT dV/dt in hard switching mode 40890
Calmon, P., Lhemery, A., Lecoeur-Taibi, I., Raillon, R. Ultrasonic examination modelling at the CEA 50720
Calmon, P.-F. *see* Noullet, J.L. 9911
Caloba, L.P. *see* de Queiroz, A.C.M. 11152
Calomeni, P.L. *see* McKellar, E.N., Jr. 20454
Calonnec, P., Derrey, T., Destobbeleer, E., Protin, L. Induction motors reliability: use of a fault tree 61132
Calovic, M., Saric, A., Djukanovic, M. Dynamic programming based multi-stage optimization of shunt capacitors in radial distribution systems 38350
Calovic, M. *see* Djukanovic, M. 19546
Calpe, J., Magdalena, J.R., Guerrero, J.F., Farpon, O. Design of a digital telephone scrambler 6384
Calpe, J., Magdalena, J.R., Guerrero, J.F., Frances, J.V. Toll-quality digital secraphone 6372
Calpe, J., Pla, F., Monfort, J., Diaz, P., Boada, J.C. Robust low-cost vision system for fruit grading 5183
Calpe, J. *see* Bataller, M. 11303
Calpe Maravilla, J. *see* Magdalena Benedito, J.R. 4585
Calster, A.Van *see* Van Calster, A.
Caltagirone, F., Capece, P., Spada, G. Prospects on the X-SAR interferometer of the SRL-3 topographic mapping mission 48117
Caltagirone, F. *see* Bombaci, O. 50023
Caltagirone, F. *see* L'Abbate, M. 50022
Calva Chavarria, P.A., Robledo-Martinez, A. Effect of humidity on DC breakdown voltages in ambient air at high altitude 32638
Calvagno, G., Celeghin, L., Rinaldo, R., Sbaiz, L. Statistical based motion estimation for video coding 56734
Calvagno, G., Ghirardi, C., Mian, G.A., Rinaldo, R. Modeling of subband image data for buffer control 56690
Calvagno, G., Rinaldo, R. Multiresolution vector quantization for video coding 46245
Calvagno, G. *see* Rinaldo, R. 57186
Calvat, C. *see* Faure, N. 14040
Calvel, P., Barillot, C., Lamothe, P., Ecoffet, R., Duzellier, S., Falguere, D. An empirical model for predicting proton induced upset 22947
Calvel, P. *see* Barillot, C. 41476
Calvelli, P. *see* Gonella, F. 3954
Calvente, J. *see* Guinjoan, F. 60929
Calvert, B.D. Infinite nonlinear resistive networks, after Minty 11157
Calvert, K. *see* Krupczak, B. 57654
Calvert, K.L., Zegura, E.W., Donahoo, M.J. Core selection methods for multicast routing 46828
Calvert, K.L. *see* Clark, R.J. 46797
Calvert, M.E. *see* Baker, J. 22076
Calvert, P. *see* Denham, H. 10985
Calvert, P.A.J. *see* Martin, J.P. 19724
Calvert, P.A.J. *see* O'Hara, D.A. 19725
Calvert, W. *see* Greenwald, R.A. 38062
Calvet, D. *see* Bizeau, C. 57597
Calvet, D. *see* Bystricky, J. 59318
Calvet, R. *see* Tang, T.K. 59882
Calviou, M.C. *see* Capocci, H.F. 19172
Calvo, D. *see* Agnello, M. 37458
Calvo, D. *see* Botta, E. 37492
Calvo, I.J., Torres, M. Complexity of the inversion in GF(2^m) 30411
Calvo, M., Franco, J.M., Mentijano, J.I., Randez, L. Explicit Runge-Kutta methods for initial value problems with oscillating solutions 10524
Calvo, M.L., Chevalier, M., Lakshminarayanan, V., Mondal, P.K. Resolution criteria and modulation

transfer function (MTF)/line spread function (LSF) relationship in diffraction limited systems 35338
Calvo, M.L., Lakshminarayanan, V. Light propagation in optical waveguides: a dynamic programming approach 55273
Calvo, M.P., Iserles, A., Zanna, A. Runge-Kutta methods for orthogonal and isospectral flows 10532
Calvo, S., Vazquez, G. New bounds on RAKE structures for DS-CDMA over frequency-selective Rayleigh fading channels 6446
Calvo Wolfler, R. *see* Schreiber, F.A. 57146
Calvo-Barrio, L. *see* Perez-Rodriguez, A. 31936
Calvo-Barrio, L. *see* Perez-Rodriguez, A. 32120
Calvo-Barrio, L. *see* Serre, C. 12688
Calway, A.D. *see* Kruger, S.A. 56735
Calzone, S., Chen, K., Chih-Chwen Chuang, Divakaran, A., Dube, S., Hurd, L., Kari, J., Liang, G., Fu-Huei Lin, Muller, J., Rising, H.K., III. Video compression by mean-corrected motion compensation of partial quadtrees 35183
Cam, P.Le *see* Le Cam, P.
Cam, R., Leung, C. Throughput analysis of some ARQ protocols in the presence of feedback errors 25926
Cam Luong, H. *see* Ho, J. 53372
Cam Nguyen A wide-band microstrip-fed log-periodic antenna 34357
Camacho, F., Avrutin, E.A., Bryce, A.C., Marsh, J.H. High-frequency, stable optical pulse generation using two-section passively mode-locked semiconductor diode lasers 55664
Camacho, F., Barrow, D.A., Avrutin, E.A., Bryce, A.C., Marsh, J.H. Two-contact semiconductor mode-locked lasers 23894
Camacho, G.T., Ortiz, M. Adaptive Lagrangian modelling of ballistic penetration of metallic targets 52574
Camacho, P., Arrebola, F., Sandoval, F. Shifted fovea multiresolution geometries 56781
Camacho-Lopez, S., Green, R.P.M., Crofts, G.J., Damzen, M.J. Intensity-induced birefringence in Cr^{4+}:YAG 24094
Camacho-Lopez, S. *see* Green, R.P.M. 14062
Camacho-Lopez, S. *see* Green, R.P.M. 14334
Camaioni, N. *see* Kalinowski, J. 13870
Camarda, P., Schiraldi, G., Talucci, F. Mobility modeling in cellular communication networks 58146
Camarda, P. *see* Abbinante, A. 58280
Camarda, R.M. *see* Harriott, L.R. 22700
Camarda, R.M. *see* Harriott, L.R. 42874
Camargo, C. *see* Spence, H. 36418
Camargo, E. *see* Bueno, P.R. 13052
Camargo, M.B. *see* Stultz, R.D. 3926
Camassel, J. *see* Dezauzier, C. 10706
Camassel, J. *see* Malzac, J.P. 10712
Camassel, J. *see* Malzac, J.P. 10713
Camassel, J. *see* Perlin, P. 22236
Camassel, J. *see* Peyre, H. 12337
Camassel, J. *see* Royo, F. 12403
Cambell, P.K., Christiansen, A., Dale, M., Ferra, H.L., Kowalczyk, A., Szymanski, J. Experiments with simple neural networks for real-time control 26851
Cambiaso, A., Chiarugi, S., Grattarola, M., Lorenzelli, L., Lui, A., Margesin, B., Martinoia, S., Zaninic, V., Zen, M. An H^+-FET-based system for on-line detection of microorganisms in waters 18930
Cambon, G. *see* Pillement, S. 11438
Cambon, P. *see* Piernas, B. 55942
Cambou, N. *see* Winter, A. 56773
Cambre, E. Intelligent networks: the key to new services [telecommunications] 35806
Cambril, E. *see* Bigler, E. 55012
Cambron, K. Transmission design in a multi-mode HFC network 17085
Cambronne, J.P. *see* Francois, B. 9375
Cambronne, J.P. *see* Francois, B. 60897
Camec, C., Massonnet, D., King, C. Two examples of the use of SAR interferometry on displacement fields of small spatial extent 49987
Camensig, C., Bresesti, L., Clementel, S., Salvetti, M. Seismic risk evaluation for high voltage air insulated substations 51417
Camerlingo, C. *see* Sarnelli, E. 32923
Camerman, B. *see* Vander Donckt, E. 7478
Cameron, D.C. *see* Daniels, S. 842
Cameron, D.C. *see* Islam, M.S. 2223
Cameron, D.C. *see* Islam, M.S. 2225
Cameron, D.C. *see* Islam, M.S. 42249
Cameron, D.C. *see* Islam, M.S. 42271
Cameron, D.C. *see* Islam, M.S. 54270
Cameron, G.G. *see* Undrill, P.E. 59424
Cameron, H., Heffner, K., Pancholy, R. Speech recognition: from the lab to the real world 14873
Cameron, J.R. Coastal states' collaboration for ocean resource protection: phase one 50113
Cameron, M. *see* Conroy, E. 51901
Cameron, N. *see* Babiker, S. 2713
Cameron, N. *see* Babiker, S. 2716
Cameron, N. *see* Thayne, I. 53649
Cameron, N.I. *see* Murad, S.K. 22880
Cameron, T. *see* Mariappan, J. 20477
Cameron, W. *see* Alexeev, G. 59200
Camiade, M., Dourlens, C., Serru, V., Savary, P., Blanc, J.C. High performance MMICs for automotive radar application at 77 GHz 61299
Camiade, M. *see* Quere, R. 53691
Camilleri, A. *see* Srivas, M. *(editor)* 30023
Camilleri, J.S., Chandrasekaran, A. Design of a service failure database for determining distribution reliability using approved reporting standards 50541
Camilleri, J.S. *see* Ginart, A. 50986
Camilletti, R.C. *see* Loboda, M.J. 310
Camilletti, R.C. *see* Loboda, M.J. 2748
Camilletti, R.C. *see* Loboda, M.J. 52233
Camilli, F., Falcone, M. An approximation scheme for the maximal solution of the shape-from-shading model 56722
Camilli, M., Crescenzi, F., Robertiello, A., Boni, R. Toxicity bioindicators for the water quality monitoring 60092
Camin, D.V. *see* Alessandrello, A. 7819
Camin, D.V. *see* Alessandrello, A. 37480
Camin, D.V. *see* Alessandrello, A. 48812
Camin, D.V. *see* Alessandrello, A. 59340
Camin, D.V. *see* Meneghesso, G. 54711
Caminal, P. *see* Gomis, P. 49679
Caminero-Gil, F.J. *see* De La Torre, C. 14996
Caminero-Gil, J., Alvarez-Cercadillo, J., Crespo-Casas, C., Tapias-Merino, D. Data-driven discourse modeling for semantic interpretation 14965
Caminhas, W.M., Takahashi, R.H.C., Peres, P.L.D., Tavares, H.M.F. Discrete time sliding modes observers for induction motors 9220
Camm, D.M. *see* Lefrancois, M.E. 22498
Cammann, K., Ahlers, B., Henn, D., Dumschat, C., Shul'ga, A.A. New sensing principles for ion detection 27965
Cammann, K. *see* Kunz, U. 7456
Cammann, K. *see* Niggemann, M. 17587
Cammarano, A. *see* McHerron, D. 304
Camnitz, L.H., Kofol, S., Low, T., Bahl, S.R. An accurate, large signal, high frequency model for GaAs HBTs 42947
Camobreco, V.J. *see* Sheehan, J.J. 28986
Camp, G.Van *see* Van Camp, G.
Camp, W.O., Jr., Fleck, A., Nunnery, W., Yeager, R., Bracco, M. Low cost BPSK 2.4 GHz radio for wireless LAN 47601
Campabadal, F. *see* Miranda, E. 22467
Campadelli, P., Medici, D., Schettini, R. Color image segmentation using Hopfield networks 46436
Campadelli, P. *see* Albertri, M.A. 53496
Campagnolo, R. *see* Glasser, F. 37338
Campajola, L., Gialanella, L., Brand, K., D'Onofrio, A., Greife, U., Huttel, E., Kubat, R., Oliviero, G., Rebel, H., Roca, V., Rolfs, C., Romano, M., Romoli, M., Schmidt, S., Schulte, W.H., Strieder, F., Terrasi, F., Trautvetter, H.P., Zahnow, D. Production of an 8.0 MeV ^{7}Be ion beam at the Naples TTT-3 accelerator 7751
Campana, A. *see* Yu, R. 36181
Campana, P.L. *see* Andryakov, A. 37226
Campanella, L., Colapicchioni, C., Aiello, L., Tomassetti, M. Solid state sensors (ISFETs) for environmental analysis 60091
Campanile, L.F., Lammering, R., Melcher, J. High precision form measurements through the use of adaptive structures technology 10194
Camparo, J.C. Reducing the light-shift in the diode laser pumped rubidium atomic clock 27941
Campbell, A. Monitoring oil and gas well production–can micro-engineering help? 51914
Campbell, A., Coulson, G. Implementation and evaluation of the QoS-A transport system 6326
Campbell, A.B. *see* Buchner, S. 23012
Campbell, A.B. *see* Knudson, A.R. 23084
Campbell, A.B. *see* McMorrow, D. 22888
Campbell, A.B. *see* Musseau, O. 22994
Campbell, A.M. *see* Ciszek, M. 43741
Campbell, A.T., Coulson, G. QoS adaptive transports: delivering scalable media to the desktop 47370
Campbell, A.T., Lazar, A.A., Schulzrinne, H., Stadler, R. Building open programmable multimedia networks 47334
Campbell, A.W. *see* Sarkodie-Gyan, T. 39881
Campbell, B. *see* Beaulieu, R. 51072
Campbell, B. *see* Wojtczuk, S. 39225
Campbell, B.C. *see* Charache, G.W. 38994
Campbell, B.H. Failed motors: rewind or replace? 29199
Campbell, C.K., van Wyk, J.D., Holm, M.F.K. Improving the frequency response of ceramic dielectrics for high power applications in power electronic converters 11778
Campbell, D. *see* Achuthan, K. 2411
Campbell, D. *see* Ratner, J. 59578
Campbell, D.A., Cahill, L.W. Feature enhancement from nonlinear time series using linear-phase and nonlinear-phase time-delay fuzzy combiners 8061
Campbell, D.K. *see* Alekseev, K.N. 2211
Campbell, D.R. *see* Darlington, D.J. 45690
Campbell, D.R. *see* Darlington, D.J. 45712
Campbell, D.R. *see* Hussain, A. 34703
Campbell, E. *see* Solarz, R. 55954
Campbell, G. *see* Fu, J. 33114
Campbell, I.B. *see* Harris, N.G. 35701
Campbell, I.H., Rubin, S., Zawodzinski, T.A., Kress, J.D., Martin, R.L., Smith, D.L., Baraskkov, N.N., Ferraris, J.P. Controlling Schottky energy barriers in organic electronic devices using self-assembled monolayers 22443
Campbell, J. *see* Aized, D. 43767
Campbell, J. *see* Karpov, I. 40597
Campbell, J. *see* Skibinski, G. 29247
Campbell, J.C. *see* Anselm, K.A. 3608
Campbell, J.C. *see* Carrano, J.C. 48555
Campbell, J.C. *see* Diaz, D.C. 17347
Campbell, J.C. *see* Hu, C. 13836
Campbell, J.C. *see* Hui Nie 23678
Campbell, J.C. *see* Qi, J. 58377
Campbell, J.C. *see* Sarathy, J. 7345
Campbell, J.C. *see* Sarathy, J. 7355
Campbell, J.H. *see* Ficini, G. 3789
Campbell, J.M. *see* Le Bas, T.P. 18869
Campbell, J.M. *see* Lue, J.W. 32937
Campbell, J.S. *see* Deutsch, A. 31562
Campbell, J.W. *see* Livingstone, C.E. 8533
Campbell, J.W.M. *see* Guillon, F. 42092
Campbell, K., Zhao Yong Refining knowledge in a virtual community: a case-based collaborative project for preservice teachers 39608
Campbell, M. A Joint STARS perspective on real-time high performance computer benchmarking 8651
Campbell, M., Yang, Y., Wallace, P.A., Holmes-Smith, A.S. A multipoint quasi-distributed optical fiber pH sensor 58802
Campbell, M., Zheng, G., Wallace, P.A. FMCW birefringent fibre strain sensor with two forward-coupled beams 17459
Campbell, M., Zheng, G., Wallace, P.A. Birefringent fibre remote strain sensor with FMCW interferometry 36587
Campbell, M., Zheng, G., Wallace, P.A., Holmes-Smith, A.S. Reflectometric birefringent fiber sensor for absolute and relative strain measurement 36622
Campbell, M., Zheng, G., Wallace, P.A., Holmes-Smith, A.S. A distributed stress sensor based on a birefringent fiber Sagnac ring 48583
Campbell, M., Zheng, G., Wallace, P.A., Holmes-Smith, A.S. A distributed frequency modulation continuous wave fiber stress sensor based on a birefringent Sagnac ring configuration 58803
Campbell, M. *see* Amendolia, S.R. 37346
Campbell, M. *see* Wallace, P.A. 48585
Campbell, M. *see* Zheng, G. 17458
Campbell, M. *see* Zheng, G. 27620
Campbell, M. *see* Zheng, G. 36588
Campbell, M. *see* Zheng, G. 36624
Campbell, M. *see* Zheng, G. 48593
Campbell, P. *see* Maier, C.A. 21552
Campbell, P. *see* Thorp, D. 39050
Campbell, P. *see* Wu, Q. 7256
Campbell, P.M., Snow, E.S. Proximal probe-based fabrication of nanostructures 2412
Campbell, P.M., Snow, E.S., McMarr, P.J. AFM-based fabrication of Si nanostructures 12773
Campbell, P.M. *see* Snow, E.S. 32468
Campbell, P.M. *see* Snow, E.S. 54387
Campbell, R. Multimedia futures for the global Internet 58014
Campbell, R. *see* Farrell, T. 2500
Campbell, R. *see* Kurnia, A. 29838
Campbell, R. *see* Tin Qian 6196
Campbell, R.B. *see* Veerasingam, R. 17712
Campbell, R.B. *see* Veerasingam, R. 17713
Campbell, R.H. *see* Liao, W.S. 6178
Campbell, R.H. *see* Yongcheng Li 6334
Campbell, R.J., Sherlock, G., Williams, D.L., Payne, R. A wavelength stable uncooled laser for access networks 16823
Campbell, R.J. *see* Timofeev, F.N. 48022
Campbell, R.J. *see* Viduya, L.A. 29839
Campbell, R.W., Tan, W. A guide to static-safe polymers for automated handling equipment 40692
Campbell, R.W.F. *see* Clayton, R.H. 37823
Campbell, R.W.F. *see* Clayton, R.H. 49695
Campbell, S., Shiuan-Huei Lin, Xianmin Yi, Pochi Yeh Absorption effects in photorefractive volume holographic memory systems. I. Beam depletion 4101
Campbell, S., Shiuan-Huei Lin, Xianmin Yi, Pochi Yeh Absorption effects in photorefractive volume holographic memory systems. II. Material heating 4102
Campbell, S. *see* Weishu Wu 13755
Campbell, S.A., Gilmer, D.C., Wang, X., Hsiehl, M.T., Kim, H.S., Gladfelter, W.L., Yan, J.H. The performance of high permitivity TiO_2 dielectric MOSFETs 2694
Campbell, S.A., Gilmer, D.C., Xiao-Chuan Wang, Ming-Ta Hsieh, Hyeon-Seag Kim, Gladfelter, W.L., Jinhua Yan MOSFET transistors fabricated with high permitivity TiO_2 dielectrics 22798
Campbell, S.A. *see* Hyeon-Seag Kim 12577
Campbell, S.L., Ipsen, I.C.F., Kelley, C.T., Meyer, C.D. GMRES and the minimal polynomial 10481
Campbell, S.L., Kelley, C.T., Yeomans, K.D. Consistent initial conditions for unstructured higher-index DAEs: a computational study 52560
Campbell, S.R. *see* Stone, G.C. 9170
Campbell, S.R. *see* Stone, G.C. 60677
Campbell, S.R. *see* Stone, G.C. 60685
Campbell, T. *see* Hodgson, A.J. 7440
Campbell, T. *see* Johnson, W.H. 42390
Campbell, T.A., Koster, J.N. In situ visualization of constitutional supercooling within a Bridgman-Stockbarger system 30698
Campbell, W.J. *see* Kaymaz, E. 60029
Campbell, W.J. *see* Raghavan, S. 60031

Campbell, W.M., Parks, T.W. Optimal design of transmitter and receiver filters with mixed performance objectives 16014
Campbell, W.M., Parks, T.W. Design of a class of multirate systems using a maximum relative $\mathcal{L}^2$-error criterion 45739
Campbell, W.M., Parks, T.W. Optimal design of partial-band time-varying systems 45958
Campenhout, D.Van *see* Van Campenhout, D.
Campenhout, J.Van *see* Van Campenhout, J.
Campi, D. *see* Cacciatore, C. 44720
Campi, D. *see* Coriasso, C. 13653
Campi, M. *see* Bittanti, S. 45878
Campi, M. *see* Prandini, M. 46549
Campi, M. *see* Prandini, M. 46555
Campidelli, Y. *see* Berroir, J.M. 2170
Campidelli, Y. *see* Berroir, J.M. 12393
Campidelli, Y. *see* Boucaud, P. 2171
Campilho, A.C. *see* Correia, M.V. 5118
Campilho, A.J.C. *see* Silva, J.A. 5623
Campinell, B., Mango, S., Scire, J. Lessons learned from two complex MCM designs 1874
Campisano, S.U. *see* Coffa, S. 42368
Campisano, S.U. *see* Lombardo, S. 22526
Campisano, S.U. *see* Lombardo, S. 31783
Campisano, S.U. *see* Lombardo, S. 32367
Campisano, S.U. *see* Raineri, V. 31752
Campisano, S.U. *see* Spinella, C. 31756
Campisi, G.J. *see* Krska, J.-H.Y. 2267
Campman, K. *see* Allen, S.J. 12488
Campman, K. *see* Patel, S.R. 42102
Campman, K. *see* Unterrainer, K. 2199
Campman, K.L. *see* Eriksson, M.A. 31948
Campman, K.L. *see* Gider, S. 3097
Campman, K.L. *see* Keay, B.J. 2200
Campman, K.L. *see* Livermore, C. 22422
Campman, K.L. *see* Livermore, C. 31992
Campman, K.L. *see* Maranowski, K.D. 2123
Campman, K.L. *see* Yang, S.H. 12497
Campner, L. A modular ATS concept for the Swedish GRIPEN aircraft 48347
Campo, D.P.Del *see* Del Campo, D.P.
Campoccia, A., Ippolito, M.G., Di Silvestre, M.I., Di Gaetano, L. Functional models for strategical planning of distribution power networks 38337
Campolargo, M., Di Francesco, R. ACTS: working towards a pan-European service infrastructure 57718
Campoli, F. *see* d'Alessandro, A. 7507
Campoli, F. *see* Maltese, P. 48772
Campoli, P. *see* Priotti, P. 26392
Campolucci, P., Uncini, A., Piazza, F. Fast adaptive IIR-MLP neural networks for signal processing applications 25221
Campolucci, P. *see* Filippetti, F. 9210
Camporeale, S., Fortunato, B. Design and off-design performance of advanced mixed gas-steam cycle power plants 19577
Camporese, A. *see* Carnera, A. 12699
Camporese, D. *see* Drew, M.A. 43198
Campos, A., Joos, G., Ziogas, P.D., Lindsay, J.F. Analysis and design of a series-connected PWM voltage regulator for single-phase AC sources 29390
Campos, C. *see* Sasaki, J.M. 41937
Campos, F.de Souza *see* de Souza Campos, F.
Campos, J. *see* Ahouzi, E. 57334
Campos, J. *see* Carcole, E. 3465
Campos, J. *see* Carcole, E. 4129
Campos, J. *see* Caulfield, H.J. 15838
Campos, J.A.Ramos de *see* Ramos de Campos, J.A.
Campos, L.A., Su, S.F. Systems requirements for cable modems in high-speed access networks 17087
Campos, R.A., Kovalev, I.P., Guo, Y., Wakili, N., Skotheim, T. Red electroluminescence from a thin organometallic layer of europium 3617
Campos Flores, A., Van Landegem, T., Mercouroff, N. Prototyping TINA-based services – the ALCIN project 47294
Campos Neto, S.F., Corcoran, F.L., Phipps, J., Dimolitsas, S. Performance assessment of 4.8 kbit/s AMBE coding under aeronautical environmental conditions 16469
Campos-Canton, I. *see* Espinosa-Perez, G. 9222
Campos-Canton, I. *see* Espinosa-Perez, G. 9227
Camps, A., Bara, J., Sanahuja, I.C., Torres, F. The processing of hexagonally sampled signals with standard rectangular techniques: application to 2-D large aperture synthesis interferometric radiometers 28653
Camps, A., Bara, J., Torres, F., Corbella, I., Romeu, J. Impact of antenna errors on the radiometric accuracy of large aperture synthesis radiometers 60014
Camps, A. *see* Torres, F. 58683
Camps, O.I. *see* Gandhi, T.L. 28550
Camurati, P. *see* Cabodi, G. 11358
Camus, F., Gabsi, M., Multon, B. Vibration prediction in a switched reluctance drive with respect of phase current 60717
Camy, P., Beguin, A., Lerminiaux, C., Prel, C., Roman, J.E., Hempstead, M., Wilkinson, J.S., van der Plaats, J.C., Willems, F.W., Koonen, A.M.J. Diode-pumped, planar lossless splitter at 1.5 μm for optical networks 26837
Camy-Peyret, C. *see* Hawat, T. 38067
Can, S., Richards, M.S., Pease, R.A. A 3 V thermostat circuit 21830
Canac, J.-F. *see* Clarke, M. 17088
Canadas, L. *see* Navarrete, B. 38609
Canady, W.J. *see* Zhang, J. 61008
Canale, R., Duwart, E. Distance learning (via Internet) for cooperative education students during coop work periods 20676
Canales, F. *see* Aguilar, C. 9344
Canales, F. *see* Rodriguez, E. 51206
Canales, F.V. *see* Rosales, J. 19857
Canali, C., Pavan, P., Carlo, A.D., Lugli, P., Malik, R., Manfredi, M., Neviani, A., Loris Vendrame, Zanoni, E., Zandler, G. Experimental and Monte Carlo analysis of impact-ionization in AlGaAs/GaAs HBT's 2593
Canali, C. *see* Meneghesso, G. 2703
Canali, C. *see* Meneghesso, G. 2728
Canali, C. *see* Meneghesso, G. 43152
Canali, C. *see* Meneghesso, G. 54694
Canali, C. *see* Meneghesso, G. 54711
Canali, C. *see* Nava, F. 59213
Canali, C. *see* Nava, F. 59280
Canali, C. *see* Quaranta, A.A. 37329
Canalli, V. *see* Simonetti, D. 51157
Canalli, V.M., Cobos, J.A., Prieto, R., Uceda, J., Olias, E. Large-signal modeling and simulation of distributed power systems 51102
Canann, S.A., Muthukrishnan, S.N., Phillips, R.K. Topological refinement procedures for triangular finite element meshes 639
Canann, S.A., Yong-Cheng Liu, Mobley, A.V. Automatic 3D surface meshing to address today's industrial needs 40265
Canarslan, E. *see* Mardikyan, K. 13306
Canas, A. *see* Ford, K.M. 37714
Canaud, J.-L. *see* Caillault, S. 16924
Canavan, E. *see* Shirron, P. 23427
Canavan, E.R. *see* Shirron, P.J. 49988
Canavero, F.G. *see* Pignari, S. 45254
Canavesio, E. *see* Fratta, A. 9711
Canavesio, F. *see* Bosco, F. 47289
Canavesio, F. *see* Sorin, C. 46959
Canbolat, H. *see* De Queiroz, M.S. 43731
Cancedda, R. *see* Martin, I. 59798
Cancellieri, G., Chiaraluce, F., Gambi, E., Pierleoni, P. A survey of the variational approach to nonlinear optics 24078
Cancellieri, G., Del Ferro, A., Mazzone, M. State diagram for cyclic block codes 4456
Cances, J.P. *see* Dumas, J.M. 9908
Candela, G.T. *see* Grother, P.J. 56473
Candelier, P. *see* Guillaumot, B. 1371
Candelori, A., Paccagnella, A., Bonin, F., Bacchetta, N., Da Rold, M., Bisello, D. A SPICE model of double-sided Si microstrip detectors 59290
Candelori, A. *see* Bacchetta, N. 59289
Candelori, A. *see* Biggeri, U. 7814
Candelori, A. *see* Paccagnell, A. 22472
Candy, J.V., Chambers, D.H. Model-based enhancement of internal wave images 50080
Candy, J.V., Sullivan, E.J. Broadband acoustic source processing in a noisy shallow ocean environment 34969
Cane, C., Gotz, A., Merlos, A., Gracia, I., Errachid, A., Losantos, P., Lora-Tamayo, E. Multilayer ISFET membranes far microsystems applications 27704
Caneau, C. *see* Amersfoort, M.R. 44511
Caneau, C. *see* Klotzkin, D. 55695
Caneau, C. *see* Lee, T.P. 58326
Caneau, C. *see* Mahajan, A. 1717
Caneau, C. *see* Panepucci, R. 22377
Caneau, C. *see* Soole, J.B.D. 23529
Caneau, C. *see* Soole, J.B.D. 26929
Caneau, C. *see* Soole, J.B.D. 48000
Caneau, C. *see* Yoo, S.J.B. 4032
Caneau, C. *see* Youtsey, C. 23642
Caneau, C. *see* Zah, C.E. 55630
Caneau, C.C. *see* Rao, M.V. 27555
Canegallo, P. *see* Cesareo, R. 37562
Canegallo, R. *see* Kramer, A. 21831
Canella, S. *see* Dainelli, A. 49138
Canella, S. *see* Lombardi, A. 37117
Canepa, G., De Rosa, A., De Rossi, D., Gonnelli, S., Massini, L., Petrigliano, R. Problems related to the miniaturization of stress transducers made of piezoelectric polymers 58728
Canestri, F. When smaller is better 36138
Canetti, R., Gennaro, R. Incoercible multiparty computation 4517
Canetti, R. *see* Bar-Noy, A. 35522
Canetti, R. *see* Bellare, M. 4518
Canevet, C. *see* Cassir, M. 19996
Cangellaris, A. *see* Jin-Fa Lee 45016
Cangellaris, A. *see* Li Zhao 45336
Cangellaris, A.C. Frequency-domain finite element methods for electromagnetic field simulation: fundamentals, state of the art, and applications to EMI/EMC analysis 45237
Cangellaris, A.C. *see* Aguirre, G. 4282
Cangellaris, A.C. *see* Celik, M. 11122
Cangellaris, A.C. *see* Celik, M. 21460
Cangellaris, A.C. *see* Celik, M. 45283
Cangellaris, A.C. *see* Ruehli, A.E. 45285
Cangellaris, A.C. *see* Zhao, L. 24443
Cangiano, A. *see* Auzino, L. 42857
Cangsang Zhao, Engelmann, R. Single-step fabrication of strongly confining quasiphase-matching waveguides in $LiTaO_3$ 13647
Canham, L.T., Cox, T.I., Loni, A., Simons, A.J. Progress towards silicon optoelectronics using porous silicon technology 3640
Canham, L.T. *see* Simons, A.J. 33285
Canic, S. *see* Zdenkovic, J. 61184
Canick, R. Control of instruments by the high-speed protocol HS448 36378
Caniggia, S., Costa, V., Vitucci, L. Investigation of EMI on multilayer printed circuit boards: radiated emissions 41576
Caniggia, S. *see* Costa, V. 41590
Canilang, E.P. *see* Reddy, N.P. 18199
Canistraro, H.A., Jordans, E.H. Projectile-impact-location determination: an acoustic triangulation method 27889
Canizo, C.del *see* del Canizo, C.
Cann, K.J. *see* Butler, P.A. 37520
Cann, S. *see* Burns, J.A. 22966
Cann, S.G. *see* Rorhschild, M. 22735
Cannata, R. *see* Meyer, B. 17486
Cannella, V., Vijan, M., Gregg, A. The use of minienvironments in AMLCD and other FPD manufacturing 13733
Canning, F.X. Moment method solution in order $N^{7/2}$ operations per incidence angle 34017
Canning, J. *see* Arkwright, J. 24085
Canning, J. *see* Janos, M. 13589
Canning, J. *see* Moss, D.J. 55263
Canning, T., Cotter, S., Egan, A. Recirculation controls improvement on a once-through boiler 19536
Cannistra, G., Grimaldi, A., Minenna, M., Labini, M.S. Finite-element study of the current field produced by grounding electrodes by means of a double analogy between fields 8964
Cannistra, G., Labini, M.S., Blasi, F. A thermal transient finite-element study to connect suitable loads to an induction motor 9733
Cannistra, G., Sylos Labini, M. Finite-element thermal analysis in the induction motors of electropumps 9217
Cannon, B.J. *see* Trosen, D.W. 19939
Cannon, E.H. *see* Alekseev, K.N. 2211
Cannon, J.A., Burke, E.R., Gomez, R.D., Madabhushi, R., Mayergoyz, I.D. Distortion of inductive read head signal due to side-written magnetization 13459
Cannon, M.E., Lachapelle, G. Sub-meter real-time differential GPS and attitude determination for unmanned navigation 16646
Cannon, P.S. *see* Arthur, P.C. 38052
Cannon, P.S. *see* Norman, R.J. 56043
Cannon, R. *see* Conway, A. 18748
Cannon, S.R. *see* Taylor, S.J.G. 37877
Cannon, W.H. *see* Wietfeldt, R.D. 17009
Cano, A.R., Kleiner, B.M. Sociotechnical design factors for virtual team performance 52092
Cano, D. *see* Loubet, G. 48031
Cano, J. *see* Long, D.G. 19002
Cano, J.M. *see* Casanovo, P. 1228
Canoglu, E., Mahgerefteh, D., Ching-Mei Yang, Garmire, E., Partovi, A., Chiu, T.H., Glass, A.M., Zydzik, G.J. Field-enhanced picosecond diffraction efficiency of a photorefractive multiple quantum well device 12407
Canon, V. *see* Torres, S. 36292
Canora, F.J. *see* Soyuer, M. 2854
Canosa, J.T. *see* Kremens, R.L. 36384
Canova, A. *see* Madlena, M. 9685
Canta, G.R., Poggi, G. Multispectral-image coding by vector quantization with Kronecker-product representation 57467
Cantalini, C., Pelino, M., Faccio, M., Santucci, S., Picozzi, P. The influence of NO, NO_2 and oxygen partial pressure on the electrical response of WO_3 and Nb-doped WO_3 thin films obtained by high vacuum thermal evaporation 58896
Cantalini, C., Pelino, M., Sun, H.T., Faccio, M., Santucci, S., Lozzi, L., Passacantando, M. Cross sensitivity and stability of NO_2 sensors from WO_3 thin film 27730
Cantalini, C. *see* Hong-Tao Sun 38114
Cantalini, C. *see* Sun, H.-T. 36735
Cantalloube, H., Nahum, C. Some applications of SAR image registration: auto-focusing, odometry, moving object localisation and navigation resetting 58439
Cantarelli, D. *see* Cappelletti, P. 31259
Cantarero, A. *see* Ulrich, C. 22283
Cantatore, E. *see* De Venuto, D. 2749
Cantatore, F., Rossi, G., Scrofani, G., Barabino, M., Casalini, M., Frumento, P. Fuel handling machine control system and simulator for nuclear power plant 9001
Cantatore, G., Cerdonio, M., Conti, L., Prodi, G., Rizzo, C., Taffarello, L., Vitale, S., Zavattini, E., Zendri, J.P. Optical transducer prototype for gravitational-wave bar detectors 27512
Cantatore, G. *see* Arfelli, F. 37666
Cantatore, G. *see* Arfelli, F. 49329
Cantatore, G. *see* Arfelli, F. 59555
Cantell, B. *see* Ramirez, J.G. 52175
Cantizani, J. *see* Plaza, A. 41601
Cantle, A.J. *see* Lord, E. 28531
Cantoni, A. *see* Budrikis, Z. 26172
Cantoni, A. *see* Smith, J.J. 27099
Cantoni, A. *see* Van Luinen, S. 47072
Cantoni, A. *see* Walker, J. 11263
Cantoni, A. *see* Zang, Z. 15358
Cantoni, M. *see* Jeong, D.Y. 3270
Cantoni, P. *see* Aulchenko, V.M. 37243
Cantoni, V. *see* Biancardi, A. 52033
Cantor, J. *see* Mase, K. 5969

Cantor, S.E., Huang, F., Orban, J. Solvent-free aerobic adhesives and coatings. II. One part, room temperature, shadow curing UV conformal coatings 52744
Cantor, W. Field experience with reference electrode measurements 51472
Cantraine, G. *see* Barbier, C. 27022
Cantrell, P. *see* Brown, T. 57970
Cantrell, R.L. *see* Edwards, D.B. 61028
Canu, D., Gambotto, J.-P., Sirat, J.A., Ayache, N. Reconstruction of buildings from multiple high resolution images 57305
Canus, C., Levy-Vehel, J. Change detection in sequences of images by multifractal analysis 25401
Canva, M. *see* Bentivegna, F. 24188
Canva, M. *see* Brunel, M. 14384
Canva, M. *see* Chaput, F. 33201
Canva, M. *see* Darracq, B. 23440
Canva, M. *see* Faloss, M. 23767
Canzi, U. *see* Baroni, P. 19271
Cao, F., Oskam, G., Meyer, G.J., Searson, P.C. Electron transport in porous nanocrystalline TiO_2 photoelectrochemical cells 33230
Cao, H., Klimovitch, A.G., Bjork, G., Pau, B.S., Yamamoto, Y. Tunneling spectroscopy for quantum well excitons 42226
Cao, H., Zhu, G., Zhu, Z., Zhang, Z. Fractal image coding using region-based transformation and the Cross search 57364
Cao, H.Q., Weiping Li VLSI implementation of vector quantization using distributed arithmetic 4479
Cao, H.Q. *see* Weiping Li 35188
Cao, H.Q. *see* Weiping Li 56952
Cao, J. *see* Jia, X. 5893
Cao, J.Y. *see* Li Biao 30819
Cao, J.Z. *see* Wu, Z.Q. 29370
Cao, L., Handstein, A., Schultz, L., Mueller, K.-H. Microstructural and magnetic properties of $Sm_2Fe_{15}Ga_2C_2$ permanent magnets 3135
Cao, L., Hori, Y. A practical H^∞ two degrees of freedom controller design and its applications to servo systems 19769
Cao, L. *see* Nabae, A. 50348
Cao, L.X. *see* Huang, C.B. 29527
Cao, M., Vande Voorde, P., Diaz, C., Greene, W. Effects of channel and source/drain implants on partially-depleted SOI MOSFETs 22814
Cao, M. *see* Hao, Q. 48911
Cao, M. *see* Wu, R. 23571
Cao, N., Wei, B.W.Y. A 4:1 checker-board algorithm for motion estimation 35254
Cao, N. *see* Stahle, C.M. 37354
Cao, R. *see* Lu, Z.H. 54399
Cao, R. *see* Ying-Lan Chang 54072
Cao, S. *see* Pedraza, A.J. 10140
Cao, S. *see* Rouleau, C.M. 10746
Cao, X., Kurita, A., Yamanaka, T., Tada, Y., Mitsuma, H. Suppression of numerical oscillation caused by the EMTP-TACS interface using filter interposition 8754
Cao, X.D., Jiang, M., Ahn, K.H., Liang, Y., Barnett, B.C., Islam, M.N. High-speed header processing using synchronized fiber lasers driving all-optic logic gates 33178
Cao, X.D. *see* Ahn, K.H. 26720
Cao, X.J. *see* Huang, C.B. 29527
Cao, X.R. *see* Iun, D.P.C. 35460
Cao, Y.J., Wu, Q.H. Asymptotic convergence properties of the annealing evolution algorithm 40128
Cao, Y.J., Wu, Q.H., Cheng, S.J. An improved Lyapunov function for power system stability analysis 19150
Cao, Z., Maunoury, C., Chen, C.C., Holder, L.E. Comparison of continuous step-and-shoot versus step-and-shoot acquisition SPECT 49489
Cao, Z.-H., Evans, D.J. On quasi-minimal residual approach of iterative algorithms for solving non-symmetric linear systems 21121
Cao Binshi *see* Binshi Cao
Cao Danhua, Ruan Yu The dependence of bit errors on the signal detection method in magneto-optical storage systems with zero-crossing detection 3352
Cao Guangjun *see* Xu Yanzhong 44085
Cao Guangjun *see* Guangjun Cao
Cao Guochu *see* Liu Xichun 31107
Cao Guohua *see* Guohua Cao
Cao Jian-Wen *see* Sun Jia-Chang 625
Cao Jianjie *see* Chen Jian 45605
Cao Jiannong *see* Jiannong Cao
Cao Jun *see* Jun Cao
Cao Juncheng, Wei Tongli, Zheng Jiang Asymptotic analysis of transient semiconductor device equations 2563
Cao Juying *see* Zhu Jiqian 2050
Cao Li *see* Long Quan 44594
Cao Lianjun *see* Wu Yusheng 50371
Cao Liezhao, C. *see* Zhou Yaqin 36957
Cao Lu *see* Chen Junlin 38299
Cao Mang *see* Mang Cao
Cao Min *see* Min Cao
Cao Mingcui *see* Li Hongpu 33189
Cao Mingcui *see* Liu Zhonglin 6428
Cao Mingcui *see* Liu Zhonglin 23627
Cao Pengzhi, Hu Weiguo, Xu Yongqing Spaceborne synthetic aperture radar (SAR) raw signal simulation model and system 58432
Cao Qi *see* Qi Cao
Cao Qing, Ye Zhizhen, Chen Weihua, Zhang Kan, Zhao Binghui, Li Jianguang Study on a transient state of temperature rising of a 3″ silicon wafer and heat transfer of a radiating resistance in a UHVCVD system 879
Cao Qing *see* Chen Weihua 30888
Cao Qing *see* Deng Ximing 4271
Cao Renfeng, Xu Xiangdong, Lu Zehua, Zhang Tao, Shang Xuewei Computer monitoring and fuzzy control system for steam turbines 29099
Cao Rongzhang, Wang Like, Zheng Jilun The effects of governor of Three Gorges hydropower station on power system low frequency oscillation 38637
Cao Shiguang, Yang Yihan, Yu Erkeng Power outage cost and its estimation 50396
Cao Shunxiang, Yang Sianglin Analysis of a phase-shifted Bragg grating filter and the effect of cross-talk on the number of channels in a FDM-FSK optical fiber transmission system 3572
Cao Wanlin *see* Wanlin Cao
Cao Wanqiang *see* Wanqiang Cao
Cao Wanqing *see* Wanqing Cao
Cao Wei, Honghai Zhang, Lu Tao, Wenju Li, Hanmin Shi Compensation method based on formularizing hysteresis of piezoelectric tube scanners 2994
Cao Weiming *see* Weiming Cao
Cao Weixun *see* Weixun Cao
Cao Wenwu *see* Wenwu Cao
Cao Xi-Ren *see* Xi-Ren Cao
Cao Xian-An *see* Xian-An Cao
Cao Xiaoning, Wu Huaren, Li Xiaohui, Long Kewei High performance power line harmonic analyzer 38447
Cao Xisheng *see* Xisheng Cao
Cao Yang *see* Lin Huamao 54900
Cao Yang *see* Yang Cao
Cao Yewen, Xiang Haige Analysis of performance for SFSK-DS/SSMA system 58123
Cao Yi *see* Gao Hong 44633
Cao Yuchang *see* Yuchang Cao
Cao Yue *see* Yue Cao
Cao Yunfeng, Wen Xingen, Yang Qiaoxu A new electromechanical actuation system [for unmanned helicopter] 37957
Cao Yunwei *see* Wang Baohui 33232
Cao Ze-Chun *see* Ze-Chun Cao
Cao Zhigang *see* Zhigang Cao
Cao ZongJian *see* ZongJian Cao
Caomin Luo *see* Luo Caomin
Caorsi, S., Fernandes, P., Raffetto, M. Towards a good characterization of spectrally correct finite element methods in electromagnetics 14515
Capala, J. *see* Liu, H.B. 8133
Capala, J. *see* Wielopolski, L. 8121
Capan, R., Batty, S.V., Richardson, T., Lacey, D., Holder, S.J., Majid, W.H.A. Optimisation of the pyroelectric figure of merit of polysiloxane/amine superlattices 32597
Capano, M.A. *see* Nadella, R.K. 31895
Capasso, C., Pomerene, A., Chu, W., Leavey, J., Lamberti, A., Hector, S., Oberschmidt, J., Pol, V. X-ray induced mask contamination and particulate monitoring in X-ray steppers 32299
Capasso, F., Faist, J., Sirtori, C. Quantum cascade lasers for the mid-infrared region 33573
Capasso, F., Faist, J., Sirtori, C. Comments on quantum cascade lasers 44475
Capasso, F., Faist, J., Sirtori, C., Cho, A.Y. Infrared (4-11 μm) quantum cascade lasers 44561
Capasso, F., Faist, J., Sirtori, C., Sivco, D.L., Baillargeon, J.N., Hutchinson, A.L., Cho, A.Y. Quantum cascade lasers: new resonant tunnelling light sources for the mid-infrared 14180
Capasso, F. *see* Scamarcio, G. 42222
Capasso, F. *see* Sirtori, C. 3906
Capasso, F. *see* Sirtori, C. 14091
Capasso, F. *see* Sirtori, C. 14188
Capasso, F. *see* Sirtori, C. 33538
Capdevielle, V. *see* Serviere, C. 24955
Cape, E.G. *see* Herrera, R.E. 49678
Capeans, M. *see* Bouclier, R. 37262
Capece, P. *see* Borseri, L. 34294
Capece, P. *see* Caltagirone, F. 48117
Capella, J. *see* Teixeira, M. 50090
Capellano, V., Loubet, G., Jourdain, G. Adaptive multichannel equalizer for underwater communications 48035
Capelle, B. *see* Detaint, J. 13331
Capelle, B. *see* Huish, P. 26389
Capelle, B. *see* Martinez-Lopez, J. 10595
Capelle, B. *see* Palmier, D. 10596
Capelle, B. *see* Zarka, A. 13229
Capelle, B. *see* Zarka, A. 23183
Capelletti, R., Miotello, A., Ossi, P.M. Phase formation and stability of N^+ implanted SiC thin films 32124
Capelletti, R. *see* Pospisil, J. 54975
Capelli-Schellpfeffer, M., Lee, R.C., Toner, M., Diller, K.R. Correlation between electrical accident parameters and sustained injury 39682
Capellini, G., di Gaspare, L., Evangelisti, F., Palange, E. Atomic force microscopy study of self-organized Ge islands grown on Si(100) by low pressure chemical vapor deposition 40571
Capellini, G. *see* Di Gaspare, L. 2119
Capellmann, C., Demant, R., Fatahi-Vanani, F., Galvez-Estrada, R., Nitsche, U., Ochsenschlager, P. Verification by behaviour abstraction: a case study of service interaction detection in intelligent telephone networks 6299
Capellmann, C., Kimbler, K. Towards efficient feature interaction handling 26315
Capener, J.R., Boyd, A. The assessment and review of generator stator water monitor 19682
Capezzuto, P. *see* Bruno, G. 22601
Capezzuto, P. *see* Bruno, G. 40361
Capezzuto, P. *see* Cicala, G. 861
Capik, R.J. *see* Koren, U. 44483
Capik, R.J. *see* Miller, B.I. 55629
Capik, R.J. *see* Raybon, G. 26697
Capik, R.J. *see* Raybon, G. 26936
Capineri, L., Fiorillo, A.S., Masotti, L., Rocchi, S. Piezo-polymer transducers for ultrasonic imaging in air 38125
Capineri, L. *see* Panerai, L. 58764
Capitaine, F. *see* Aulagnier, E. 41547
Capitaine, J.A., Bordas, J.C. Remote technology for maintenance and NDT controls in future nuclear power plants 9011
Capitani, G.P. *see* Rossi, P. 18092
Capitani di Vimercati, S.De *see* De Capitani di Vimercati, S.
Capitanio, D. *see* Korman, R. 2407
Capitelli, M. *see* Celiberto, R. 37174
Capjack, C.E. *see* Bilida, W.D. 3924
Caplen, J. *see* Glas, P. 23807
Caplen, J.E. *see* Dong, L. 23484
Caplen, J.E. *see* Galvanauskas, A. 33406
Caplen, J.E. *see* Minelly, J.D. 26818
Caplen, J.E. *see* Paschotta, R. 44387
Caplen, J.E. *see* Taverner, D. 55535
Caplin, A.D. *see* Dhalle, M. 32894
Caplot, M. *see* Assouad, Y. 59952
Capmany, J. *see* Cruz, J.L. 45475
Capmany, J. *see* Fraile-Pelaez, F.J. 27567
Capmany, J. *see* Marti, J. 23645
Capmany, J. *see* Marti, J. 36093
Capmany, J. *see* Ortega, B. 55195
Capmany, J. *see* Pastor, D. 3380
Capmany, J. *see* Pastor, D. 48023
Capmany, J. *see* Pastor, D. 55228
Capmany, J. *see* Peral, E. 13569
Capmany, J. *see* Peral, E. 14326
Capmany, J. *see* Sales, S. 13602
Capmany, J. *see* Vergara, G. 41749
Capobianchi, A., Paoletti, A.M., Pennesi, G., Rossi, G. Ruthenium phthalocyanine films as NO and NO_2 gas sensors 58887
Capobianco, A.D., Costantini, B., De Angelis, C., Laureti-Palma, A., Nalesso, G.F. Space and/or polarization diversity multiplexing with type II second-harmonic generation 58372
Capobianco, F. *see* Jones, S.M.R. 35988
Capobianco, M.R., Criscuolo, G., Junghanns, P. A fast algorithm for Prandtl's integro-differential equation 30630
Capocci, H.F., Hasan, N., Calviou, M.C., Pielage, I.G., Cheng, D.T.Y. The economics of providing active power response and reserve in the presence of transmission constraints 19172
Capodieci, L. *see* Hector, S. 32290
Capodiferro, L., Manca, A., Jacovitti, G. Adaptive multiresolution control for video coding 25608
Capolino, F., Albani, M., Pettenati, M.C., Maci, S., Tiberio, R. High-frequency analysis of a semi-infinite array of line sources 34403
Capolino, F., Bussotti, P., Borselli, L., Albani, M., Maci, S. Effects of a fin edge close to a point caustic of a Gregorian antenna 34214
Capolino, F. *see* Albani, M. 33920
Capolino, F. *see* Albans, M. 33941
Capolino, G.A., Martinez-Velasco, J.A. Teaching rotating machine and electrical drive performances using the Electromagnetic Transients Program 61176
Capolino, G.A. *see* Beguenane, R. 60737
Capolino, G.A. *see* Benbouzid, M.E.H. 9211
Capolino, G.A. *see* Benbouzid, M.E.H. 9856
Capolino, G.A. *see* Bouchiker, S. 60898
Capon, J. *see* Maximus, B. 33157
Capone, A. *see* Bianchi, G. 47710
Capone, B., Remillard, P., Everett, J. Test stations, a modular approach [imaging systems] 17531
Capone, F., Hiernaut, J.P., Martellenghi, M., Ronchi, C. Mass spectrometric measurements of fission product effusion from irradiated light water reactor fuel 19485
Capone, J.M., Stavralalcis, L. Scheduling VBR traffic for achievable QoS in a shared un-buffered environment 46623
Capone, S. *see* Micocci, G. 48735
Caponero, M.A. *see* Bacchi, E. 48944
Caponetti, L., Abbatista, F., Carapella, G. Boundary detection using genetic algorithms 5538
Caponetto, R., Lavorgna, M., Occhipinti, L. Cellular neural networks in secure transmission applications 34545
Caponetto, R. *see* Arena, P. 4655
Caporaso, G.J. Induction linacs and pulsed power 36989
Capote, M.A. *see* Todd, M.G. 53782
Capozzi, V., Flesia, C., Lorusso, G.F., Martin, D., Perna, G., Staehli, J.L. Optical spectroscopy of GaAs/AlGaAs superlattices with randomly distributed well widths 12401
Capozzi, V. *see* Ambrico, M. 10865
Capozzi, V. *see* Ambrico, M. 21359

Capozzi, V. *see* Cicala, G. 861
Capozzi, V. *see* Giardini, A. 903
Cappa, P., Del Prete, Z., Marinozzi, F. Experimental analysis of a new strain-gage signal conditioner based on a constant-current method 27435
Cappa, P. *see* Rainer, W. 18175
Capparelli, C., Ahn, P., Moscato, N. Real-time simulation in the power plant industry 38314
Capparelli, C., Cook, B. Jointly developed simulator between supplier and customer 8721
Cappellari, A. *see* Bostica, B. 47499
Cappelletti, L. *see* Argenti, F. 47874
Cappelletti, P., Bez, R., Cantarelli, D., Nahmad, D., Ravazzi, L. CAST: an electrical stress test to monitor single bit failures in flash-EEPROM structures 31259
Cappelletti, P. *see* Eitan, B. 41157
Cappelletto, E., Vaccaro, V., Zanotti, P. Electric drives and new standards on electromagnetic compatibility 29726
Cappelli, M., Zunino, R. DLVQ: Dynamic model for Learning Vector Quantization 56340
Cappellieri, D. *see* Bisiach, L. 60426
Cappellin, V. *see* Barni, M. 57471
Cappellini, V. Advanced services experiments on a broadband communication network: the Tuscany MAN 57848
Cappellini, V. *see* Abrardo, A. 5191
Cappellini, V. *see* Alparone, L. 25419
Cappellini, V. *see* Alparone, L. 57124
Cappello, P. *see* Gaston, F. 20621
Capper, P., Gosney, J., Harris, J.E., O'Keefe, E., Maxey, C.D. Infra-red materials activities at GEC-Marconi Infra-Red Limited. I. Bulk growth techniques 10629
Capper, P. *see* Hartley, R.H. 10740
Cappi, R. Observation of high-order head-tail instabilities at the CERN-PS 17952
Cappiello, M.W., Smith, B., Russell, G. Design of the APT target/blanket and support systems 18063
Capps, R.W. *see* Beauchamp, P.M. 59963
Cappuccio, G., Gambardella, U., Morone, A., Orlando, S., Parisi, G.P. Pulsed laser ablation of NbN/MgO/NbN multilayers 40438
Cappuzzo, M.A. *see* Shmulovich, J. 33321
Cappy, A. *see* Danneville, F. 53626
Cappy, A. *see* Fourre, H. 2368
Cappy, A. *see* Mateos, J. 2720
Capra, P.P. *see* Cabiati, F. 27247
Caprari, R.S. Geometric and radiometric image warping due to optical system displacement 15840
Capraro, C.T. *see* Kwasowsky, B. 47006
Capraro, G.T. *see* Kwasowsky, B. 47006
Caprio, L.De *see* De Caprio, L.
Capsalis, C.N., Vellis, F.E., Trakadas, P.T. Evaluation of printed antennas in mobile communication applications 26583
Capsalis, C.N. *see* Dimitrakopoulos, G.A. 26493
Capsoni, C., D'Amico, M. A physically based, simple prediction method for scattering interference 56044
Capstick, J. *see* Watanabe, Y. 10133
Capstick, M.H. *see* Ahmad, R. 16803
Capstick, M.H. *see* Ellis, R.B. 16805
Capucciati, M., Curran, P., O'Brien, K.D., Wagner, A. Neither rain, nor sleet, nor gloom of night: adventures in electronic mail 46991
Capurro, C., Panerai, F., Sandini, G. Vergence and tracking fusing log-polar images 15571
Capurro, C., Panerai, F., Sandini, G. Dynamic vergence 35213
Caputo, C., Della Vedova, S., Lentz, C., Napoletano, C. Monitoring of a deionized water production plant 10178
Caputo, D., De Cesare, G. Activation of dopant in the p-layer of amorphous silicon solar cells under illumination 9543
Caputo, D., de Cesare, G. A switching device based on a-Si:H n-i-δp-i-n stacked structure: modeling and characterization 12869
Caputo, J.G. *see* Benabdallah, A. 23413
Caputo, P., Darula, M., Ustinov, A.V., Kohlstedt, H. Fluxon dynamics in discrete Josephson transmission lines with stacked junctions 32905
Caputo, P., Ustinov, A.V., Iosad, N., Kohlstedt, H. Observation of high voltage resonances in one-dimensional arrays 43812
Caputo, R.B. *see* Chisholm, W.A. 8927
Car, M., Maric, G. The development of integration into subareas work simplification and design and time measurement 20745
Car, R. *see* Blase, X. 23025
Car, R. *see* Pasquarello, A. 2285
Carabe, J., Gandia, J.J., Gonzalez, N., Galiano, E., Gutlerrez, M.T. A simple amorphous-silicon photodetector for two-dimensional position sensing 17350
Carabe, J. *see* Gonzalez, N. 51579
Carabez, J.F. Telecommunication in the medical environment 59371
Caracciolo, G. *see* Pridmore, J. 41210
Caracino, P. *see* Montanari, G.C. 13486
Caragianis-Broadbridge, C. *see* Blaser, J.M. 54043
Carah, D.R. Cadmium telluride–solar powering its way to a semiconductor advantage 39186
Caramanos, A. *see* Colins, D.L. 18218
Caramazza, G. *see* Prestifilippo, P. 51299
Carande, R.E. *see* Graber, H.C. 38081
Carangelo, R.M. *see* Fenner, D.B. 48518
Carano, M. Direct metallization reliability: extensive testing, extending use 41638
Carapella, G., Costabile, G., Manscher, M., Nordhan, M. Experimental evidence for phase-locked states in stacked long Josephson junctions 43811
Carapella, G. *see* Caponetti, L. 5538
Carapellucci, R., Risalvato, V., Bruno, C., Cau, G. Performance and emissions of CRGT power generation systems with reformed methanol 19578
Carastro, L. *see* Cross, J. 36175
Caratori, J., Goutelard, C. Derivation of horizontal ionospheric gradients from variable azimuth and elevation backscatter ionograms 38060
Caratti, M. Control arrangements for electroluminescent lamps 9714
Caratti, M. A 2 Mbit/s transceiver for the European market 21781
Caratti, M. Control circuits for LCDs 27802
Caratti, M. Circuits for cold-cathode fluorescent lamps...a contradiction in terms 29872
Caraty, M.-J. *see* Faudemay, P. 46053
Caravantes, F.J.G.Garrido *see* Garrido Caravantes, F.J.G.
Caravella, J.S. A low voltage SRAM for embedded applications 41138
Caraway, W. *see* Durrett, R.A. 8666
Carayannis, E.G. *see* Gover, J. 9949
Carayannis, G. *see* Dologlou, I. 28259
Carbajal, B.G. *see* Powell, T.J. 40970
Carballar, A. *see* Muriel, M.A. 23517
Carbin, J.W. *see* Daqing Max Shi 219
Carbonara, C.P. *see* Korpi, M.F. 17102
Carbone, A., Mazzetti, P. Electronic properties of defect levels investigated by photocurrent noise in polycrystalline cadmium compounds 13802
Carbone, A., Mazzetti, P. Noise gain in single quantum well infrared photodetectors 27551
Carbone, F., Castellano, G., Moreschini, G. Coordination and control of tap changers under load at different voltage level transformers 8807
Carbone, P., Ebert, I., Morgan, S., Senior, D., Wohlford, B. Internet Thruway: a profitable new route for data traffic 47114
Carbone, R., Marino, P., Testa, A., Vasca, F. Power factor and harmonic distortion optimization in a photovoltaic generating power station 9132
Carbourdin, O. *see* Erlandson, A.C. 23841
Carcano, G. *see* Borsetto, M. 1891
Carceller, J.E. *see* Gamiz, F. 2635
Carceller, J.E. *see* Godoy, A. 54661
Carceller, J.E. *see* Roldan, J.B. 43002
Carceller, J.E. *see* Roldan, J.B. 54655
Carcenac, F., Vieu, C., Haghiri-Gosnet, A.M., Simon, G., Mejias, M., Launois, H. High voltage electron beam nanolithography on WO_3 32289
Carcenac, F. *see* Simon, G. 40500
Carcenac, F. *see* Vieu, C. 42703
Carcer, I.Aguirre de *see* Aguirre de Carcer, I.
Carchano, H. *see* Bandet, J. 31834
Carchon, N. *see* De Cubber, A.M. 12969
Carchon, R. *see* Bruggeman, M. 37369
Carcia, P.F., Coulman, D., McLean, R.S., Reilly, M. Magnetic and structural properties of nanophase Pt/Co multilayers 32869
Carciofi, C. *see* Daniele, P. 45130
Carciofi, C. *see* Frullone, M. 6532
Carcione, J.M., Cavallini, F. Forbidden directions for TM waves in anisotropic conducting media 24438
Carcole, E., Campos, J., Juvells, I. Phase quantization effects on Fresnel lenses encoded in low resolution devices 3465
Carcole, E., Campos, J., Millan, M.S. Encoding multiplexed Fresnel lenses in low resolution devices 4129
Card, H. Ultrahigh density VLSI inner product computations 41099
Card, H.C., Kamarsu, S. Limited precision unsupervised learning algorithms for speech coding 56421
Card, H.C., McNeill, D.K. On-chip learning in neurocomputers 11635
Card, H.C. *see* Ng, K.W. 16202
Card, H.C. *see* Rosendahl, G.K. 41377
Cardakli, S.H.K., Koprulu, T., Meliksetian, D.S., Chen, C.Y.R. Message reduction rules (MR^2): a methodology to streamline intelligent, message-based, distributed multimedia applications 47344
Cardama, A. *see* Rius, J.M. 4228
Cardama, A. *see* Ruis, J.M. 14552
Cardama, L.A. *see* Rius, J.M. 55997
Cardarelli, G., Palumbo, M., Pelagagge, P.M. Use of neural networks in modeling relations between exposure energy and pattern dimension in photolithography process [MOS ICs] 42810
Cardarelli, G., Pelagagge, P.M., Granito, A. Performance analysis of automated interbay material-handling and storage systems for large Wafer Fab 150
Cardarelli, R., Makeev, V., Santonico, R. Avalanche and streamer mode operation of resistive plate chambers 37363
Cardarilli, G.C., Salmeri, M., Salsano, A., Simonelli, O. Bus architecture for low-power VLSI digital circuits 1214
Cardarilli, G.C., Simonelli, O., Salmeri, M., Salano, A., Di Zenzo, M. A solid state mass memory 41143
Cardella, F. *see* Fierro, B. 49581
Cardella, G. *see* Aiello, S. 1483
Cardella, G. *see* Aiello, S. 49328
Cardelli, E., Esposito, N., Huerta, M.A. Numerical comparison between a differential and an integral approach in MHD simulations of electromagnetic railgun plasma armatures 24424
Cardelli, E., Faina, L. Numerical evaluation of singular integrands in the application of the charge simulation method with distributed charge density 24334
Cardelli, E., Faina, L. Open-boundary, single-dielectric charge simulation method with the use of surface simulating charges 44904
Cardelli, E. *see* Angeli, M. 24393
Cardelli, E. *see* Angeli, M. 24423
Cardelli, E. *see* Angeli, M. 44903
Cardelli, E. *see* Angeli, M. 45250
Cardelli, E. *see* Angeli, M. 45252
Cardelli, L. Global computation 26238
Carden, F. FM/FM preemphasis schedule design for concurrent all channel dropout and minimum transmission bandwidth 6041
Cardenas, R., Ray, W.F., Asher, G.M. Transputer-based control of a switched reluctance generator for wind energy applications 60616
Cardenas, V. *see* Echavarria, R. 20117
Cardenas, V.M., Horta, S., Echavarria, R. Analysis and compensation of the dead time on inverters 19851
Cardenas-Dobson, R., Asher, G.M., Asher, G. Torque observer for the control of variable speed wind turbines operating below rated wind speed 60620
Cardenas-Dobson, R., Asher, G.M., Ray, W.F. Experimental evaluation of a switched reluctance generator for wind energy applications 29189
Cardiasmenos, A.G. *see* Sekimoto, Y. 14602
Cardillo, D.S. Using a foreign film to improve second language proficiency: video vs. interactive multimedia 58580
Cardinal, R. *see* Nour, C.A. 59581
Cardinal, S., Desurvire, E., Hamaide, J.-P., Audouin, O. Wavelength-multiplexed transoceanic soliton systems: comparison of step-wise exponential dispersion-management techniques 26783
Cardinale, G.F. *see* Nguyen, K.B. 32401
Cardinali, G.C. *see* Dori, L. 58900
Cardman, L. *see* Kehne, D. 18015
Cardon, F. *see* Everaert, J.L. 2229
Cardon, F. *see* Poelman, D. 44267
Cardona, M. Semiconductors under uniaxial strain 22192
Cardona, N. *see* Juan-Llacer, L. 24481
Cardoso, G.C. *see* Amorim, H.T. 14362
Cardoso, J.-F. Infomax and maximum likelihood for blind source separation 45883
Cardoso, J.-F., Laheld, B.H. Equivariant adaptive source separation 15337
Cardoso, J.-F. *see* Abed-Meraim, K. 25000
Cardoso, J.-F. *see* Belouchrani, A. 34788
Cardoso, J.C. *see* Gizinski, S.J. 26464
Cardoso, J.C.S., Ruano, M.G., Fish, P.J. Nonstationarity broadening reduction in pulsed Doppler spectrum measurements using time-frequency estimators 7982
Cardoso, J.F. *see* Moulines, E. 25013
Cardoso, J.M.R. *see* Basilio Simoes, J. 59337
Cardoso, J.R. *see* Abe, N.M. 39627
Cardoso, J.R. *see* Brodskyn, H.O. 50597
Cardoso, J.R. *see* Lebensztajn, L. 44849
Cardoso, J.R. *see* Migliano, A.C.C. 43710
Cardoso, J.R. *see* Oliveira, J.J.S. 38390
Cardoso, L.P. *see* Sasaki, J.M. 41937
Cardoso, S. *see* Li Shuxiang 43667
Carducci, F. *see* Babiloni, F. 59640
Carducci, F. *see* Babiloni, F. 59707
Cardwell, M.J. *see* Rae, S. 13599
Cardwell, N. *see* Patterson, D. 53275
Care, J. *see* Maes, J.W.H. 40435
Carenco, A. *see* Dorgeuille, F. 13689
Caress, D.W., Chayes, D.N. Improved processing of Hydrosweep DS multibeam data on the R/V Maurice Ewing 18806
Caress, D.W. *see* Spitzak, S.E. 49995
Carette, B. *see* Trytten, D.A. 8037
Carevic, D., Caelli, T. Adaptive Gabor filters for texture segmentation 5422
Carevic, D., Caelli, T. Region-based coding of color images using Karhunen-Loeve transform 35271
Carew, J. Competition for the IN service provider 26309
Carewska, M. *see* Giorgi, L. 51506
Carey, D. *see* Chung, T. 39850
Carey, D. *see* Chung, T.C. 213
Carey, D. *see* Saade, E.J. 49839
Carey, D.C. *see* Gillespie, G.H. 49208
Carey, M.J. *see* Parris, E.S. 15086
Carey, M.J. *see* Wright, J.H. 14922
Carey, P.G. *see* Smith, P.M. 22213
Carey, T. Fading and multipath testing in communications systems 35925
Carey, W.J. *see* Mayes, J.R. 51260
Carey, W.Knox *see* Knox Carey, W.
Cargill, G.S., III *see* Chao, L.-L. 33559
Cargill, G.S., III *see* Chao, L.-L. 42178
Cargill, G.S., III *see* Noyan, I.C. 42796
Cargill, G.S., III. *see* Wang, P.-C. 36649
Cargill, G.S., III. *see* Wang, P.-C. 42739
Cargo, M.C. *see* Alekseev, K.N. 2211
Carhart, R.A. *see* Au, D.T.W. 1810
Cari, G.de *see* de Cari, G.

Caria, M. *see* Bertolucci, E. 37628
Caricchi, F., Crescimbini, F., Honorati, O. Low-cost compact PM machine for adjustable-speed pump application 29724
Caricchi, F. *see* Di Napoli, A. 51234
Carichner, K., Dandia, S. Enhanced PBGA–the next generation 194
Carillon, A. *see* MacPhee, A.G. 13967
Carin, L., Felsen, L.B., Kralj, D.R., Oh, H.S., Lee, W.C., Unnikrishna Pillai, S. Wave-oriented signal processing of dispersive time-domain scattering data 45109
Carin, L. *see* Kralj, D. 56163
Carin, L. *see* McClure, M. 45111
Carin, L. *see* Vitebskiy, S. 6907
Carin, L. *see* Vitebskiy, S. 6918
Carin, L. *see* Vitebskiy, S. 16895
Carinci, F. *see* Vespasiani, G. 18180
Carini, A. *see* Mumolo, E. 4851
Cariou, J. *see* Elies, P. 7585
Carisson, J.-O. *see* McGinnis, S. 30910
Carius, R. *see* Hapke, P. 21331
Carius, R. *see* Luysberg, M. 40521
Carke, J. High-T_c SQUIDs 55112
Carkhuff, B. *see* LaBel, K.A. 21696
Carkhuff, B. *see* LaBel, K.A. 43327
Carkner, D. Thick dielectrics give EL a new spin 48792
Carkner, D. *see* Bailey, P. 44259
Carl, E. *see* Barthel, J. 19954
Carl, E. *see* Barthel, J. 19955
Carl, M. Conjunctive vector representations for set valued feature descriptions 56308
Carl, R. *see* Stauf, G.T. 53269
Carla, M. *see* Grazia Giri, M. 23231
Carla, R. *see* Alparone, L. 56611
Carlan, L.de *see* de Carlan, L.
Carlberg, K., Crowcroft, J. Building shared trees using a one-to-many joining mechanism 46806
Carlbom, I., Kapur, T., Klinker, G., Terzopoulos, D., Thurfjell, L. General-purpose soft tissue segmentation from medical images 18200
Carle, G. Towards scaleable error control for reliable multipoint services in ATM networks 46772
Carle, G., Schmidt, T., Seitz, J. Fair ATM charging with consideration of traffic characteristics and QoS parameters 46874
Carlemalm, C., Gustafsson, F., Wahlberg, B. On the problem of detection and discrimination of double talk and change in the echo path 26062
Carlen, E. *see* Rusek, A. 52940
Carlen, L. *see* Berg, M. 37259
Carlen, M.W., Bruesch, P., Gallay, R. Electrical endurance characterization of polypropylene winding capacitors for traction applications: a new experimental method 41546
Carlet, C., Guillot, P. A characterization of binary bent functions 34556
Carletti, C. *see* Torroba, R. 13757
Carley, D.R. *see* Wheatley, C.F. 22869
Carley, L.R., Guillou, D.F., Santhanam, S. Fabrication and performance of mesa interconnect 13129
Carley, L.R. *see* Krishnamurthy, R.K. 11332
Carley, L.R. *see* Mittal, R. 21843
Carley, M.P., Parker, B.E., Jr., Szabo, M.J. Ultra-high-speed relay fault detection using dynamic models and neural network classifiers 60388
Carli, C. Electromagnetic field induced by an infinitelysimally thin ring moving in a plane condenser 55970
Carli, F. Non-linear response of hysteretic oscillator under evolutionary excitation 11216
Carli, F., Martelli, M. Mechanical model of net reinforced blood vessel 18529
Carli, W. *see* Muenzer, H. 49137
Carlier, E., Ducimetiere, L., Jansson, U., Schlaug, M., Schroder, G., Vossenberg, E. Solid state switch application for the LHC extraction kicker pulse generator 49074
Carlier, J.C. *see* Adam, A. 37280
Carlier, P.G. *see* Jouvensal, L. 7961
Carlier, S., Gordov, E., Gailly, E., Van Camp, G., Cosyns, B., Geschwind, H., Vandenbossche, J.L. Acquisition of raw intracoronary Doppler signal for better characterization of flows 37690
Carlin, J.F. *see* Monnard, R. 33118
Carlin, R.T., Fuller, J. Room-temperature ionic liquid battery electrolytes 61027
Carlini, M. *see* Dong, W. 20089
Carlino, G. *see* Adam, A. 37280
Carlino, G. *see* Aloisio, A. 37491
Carlino, G. *see* Paolucci, P. 37242
Carlisle, G.O. *see* Liu, Y. 55162
Carlisle, J.A. *see* Nelson, A.J. 42045
Carlisle, J.C., El-Keib, A.A., Boyd, D., Nolan, K. A review of capacitor placement techniques on distribution feeders 50542
Carlisle, J.C., El-Keib, A.A., Boyd, D., Nolan, K. Reactive power compensation on distribution feeders 50543
Carlisle, R., Davis, M. GeoSAR program: IFSAR validation and terrain classification from polarimetry 8654
Carlo, A.D. *see* Canali, C. 2593
Carlo, A.Di *see* Di Carlo, A.
Carlo, W.Di *see* Di Carlo, W.
Carlone, C. *see* Khanna, S.M. 22258
Carlos, R.C. *see* Fitzgerald, T.J. 38059
Carlos, R.C. *see* Fitzgerald, T.J. 56050
Carlos, W.E., Glaser, E.R., Kennedy, T.A., Nakamura, S. Magnetic resonance studies of recombination processes in GaN-based light emitting diodes 13881
Carlos, W.E., Nakamura, S. Paramagnetic resonance in GaN-based single quantum wells 42229
Carlosena, A. *see* Cabeza, R. 41322
Carlotto, M.J. A new method for extracting topographic information from a single multispectral image 8373
Carlotto, M.J. Reducing the effects of space-varying wavelength-dependent scattering in multispectral imagery 8389
Carlotto, M.J. Spectral shape classification system for Landsat Thematic Mapper 15769
Carlotto, M.J. Using maps to automate the classification of remotely-sensed imagery 15770
Carlotto, M.J. Nonlinear mean-square estimation with applications in remote sensing 18794
Carlotto, M.J. Detection and analysis of change in remotely sensed imagery with application to wide area surveillance 28671
Carlough, S. *see* Maier, C.A. 21552
Carlow, G.R. *see* Knights, A.P. 22535
Carls, F.R. *see* Koch, R.M. 15494
Carlsen, H., Ammundsen, N., Traerup, J. 40 kW Stirling engine for solid fuel 29654
Carlsen, H. *see* Thorsen, J.E. 20090
Carlsgaard, E. *see* Richter, K. 17044
Carlson, A., Eslinger, P., Donas, B., Chioupek, J. Advanced controls prove successful on fluidized bed boiler 38610
Carlson, B. *see* Christenson, K.K. 42482
Carlson, B.A. Unsupervised topic clustering of switchboard speech messages 14924
Carlson, B.E. *see* Mishchenko, M.I. 58477
Carlson, B.S. *see* Kormicki, M. 11334
Carlson, B.S. *see* Zheng Zhu 1305
Carlson, D. *see* Kessler, J. 39068
Carlson, D. *see* Kessler, J. 39094
Carlson, D. *see* Lehman, J.A. 33524
Carlson, D.A. *see* Gronowski, P.E. 1444
Carlson, D.E., Arya, R.R., Bennett, M., Chen, L.-F., Jansen, K., Li, Y.-M., Newton, J., Rajan, K., Romero, R., Talenti, D., Twesme, E., Willing, F., Yang, L. Commercialization of multijunction amorphous silicon modules 39124
Carlson, D.E., Rajan, K. The reversal of light-induced degradation in amorphous silicon solar cells by an electric field 61091
Carlson, D.W., Kumar, B.V.K.V., Juday, R.D., Mahalanobis, A. MEDOF 3.0: Optimizing composite filters in the presence of device constraints and system noise 3546
Carlson, D.W., Kumar, B.V.K.V., Mitchell, R., Hoffelder, M. Composite correlation filters for SAR image recognition 8659
Carlson, E.P. *see* Smith, L.L. 12542
Carlson, G.R., Patel, B. A new era dawns for geospatial imagery 35228
Carlson, J.D., Catanzarite, D.M., St. Clair, K.A. Commercial magneto-rheological fluid devices 9461
Carlson, J.D. *see* Jolly, M.R. 30995
Carlson, J.D. *see* Jolly, M.R. 40701
Carlson, J.W., Leping Zha A method for the calculation of currents on shielded gradient coils 28172
Carlson, R., Bolzan, A., Giorgetti, M.F. Restructuring engineering education in southern Brazil 20513
Carlson, R. *see* Kuo-Peng, P. 51132
Carlson, R. *see* Sadowski, N. 50884
Carlson, R.L. *see* Burns, M.J. 49216
Carlson, T.S., Dockery, J., Lund, J. A sinc-collocation method for initial value problems 40241
Carlson, W., Rutt, T., Wild, M. Multilayer capacitor margin stresses and electrode to dielectric thickness calculations 31546
Carlson, W.B., Schulze, W.A., Newnham, R.E., Cross, L.E. Flexi-distortional piezoelectric composites 43489
Carlsson, C. *see* Millnert, M. 7602
Carlsson, E., Gevorgian, S. Effect of enhanced current crowding in a CPW with a thin ferroelectric film 24537
Carlsson, E. *see* Gevorgian, S. 11755
Carlsson, G.A. *see* Larsson, J.P. 8213
Carlsson, G.A. *see* Persliden, J. 37755
Carlsson, H. *see* Tykeson, K. 8863
Carlsson, J.-O. *see* Bucur, R.V. 43579
Carlsson, J.-O. *see* Lindstam, M. 10904
Carlsson, J.O. *see* Nyberg, T. 40608
Carlsson, J.R.A. *see* Ramanath, G. 2450
Carlsson, N., Anand, S., Carlsson, S.-B., Gustafson, B., Omling, P., Ramvall, P., Samuelson, L., Seifert, W., Wang, Q. MOVPE growth of InP/GaInAs and GaAs/GaInP heterostructures for electronic transport applications 40336
Carlsson, N. *see* Ramvall, P. 22374
Carlsson, N. *see* Seifert, W. 40320
Carlsson, N. *see* Seifert, W. 40372
Carlsson, P., Lindgren, M., Boustedt, K., Hedemalm, P., Varadarajan, M.G. Reliability evaluation of a novel surface laminar circuit process: an approach to cost-effective MCM-L 22103
Carlsson, S., Mohr, R., Moons, T., Morin, L., Rothwell, C., van Diest, M., van Gool, L., Veillon, F., Zisserman, A. Semi-local projective invariants for the recognition of smooth plane curves 25541
Carlsson, S.-B. *see* Anand, S. 54246
Carlsson, S.-B. *see* Carlsson, N. 40336
Carlsson, S.-B. *see* Montelius, L. 42199
Carlsson, T.E., Abramson, N.H., Fischer, K.H. Automatic measurement of surface height with the interferoscope 7662
Carlsten, B.E. Nonlinear subpicosecond electron-bunch compressor 17922
Carlsten, B.E., Feldman, D.W., Kinross-Wright, J.M., Milder, M.L., Russell, S.J., Plato, J.G., Sherwood, B.A., Weber, M.E., Cooper, R.G., Sturges, R.E. Subpicosecond compression experiments at Los Alamos National Laboratory 17986
Carlsten, B.E., Ferguson, P. Numerical determination of the matching conditions and drive characteristics for a klystron input cavity with beam 53984
Carlsten, B.E., Nguyen, D.C. Electron bunch compression due to RF forces in an RF photoinjector for small RF launch phases 59170
Carlsten, B.E. *see* Fazio, M.V. 33353
Carlsten, J.L. *see* Hall, M.M. 14112
Carlsten, J.L. *see* Repasky, K.S. 23729
Carlsten, J.L. *see* Repasky, K.S. 55795
Carlstrom, A. A microwave backscattering model for deformed first-year sea ice and comparisons with SAR data 50172
Carlstrom, A. *see* Dierking, W. 28652
Carlstrom, T.N. *see* Nilson, D.G. 36663
Carlton, W.B., Barnes, J.W. A note on hashing functions and tabu search algorithms 484
Carlucci, D. *see* Dainelli, A. 49138
Carlucci, D. *see* Palmieri, V. 49140
Carlucci, D. *see* Porcellato, A.M. 49142
Carlyle, M. *see* Ammons, J.C. 52170
Carlyon, S. *see* Donnelly, T. 59823
Carmagnola, V. An integrated IN/B-ISDN reference architecture for the support of multimedia services 26369
Carmagnola, V., Cuomo, F., Ferretti, M. A layered approach for IN call modelling for the support of multimedia services in a B-ISDN environment 6293
Carmalt, C.J. *see* Neumayer, D.A. 21257
Carman, G., Mitrovic, M. Magnetic field requirements for an active control flap on a rotorcraft 18657
Carman, R.J. *see* Withford, M.J. 23740
Carmannini, C. *see* Corsini, R. 14025
Carmel, Y. *see* Shkvarunets, A. 1947
Carmen Lasprilla, M.de *see* de Carmen Lasprilla, M.
Carmichael, C. *see* Buehler, M. 28554
Carmichael, G.R. *see* Jay, L.O. 40210
Carmichael, N. *see* Spence, H. 36418
Carmillet, V., Jourdain, G. Wideband sonar detection in reverberation using autoregressive models 48143
Carminati, E., Lazzaroni, M. An improved detection technique for measurement and analysis of partial discharges 2966
Carmo Lanca, M., Dissado, L.A. An estimate of the fractal dimension of water trees 43448
Carmon-Freed, T. Scheduling semiconductor device test operations 20831
Carmona, R. *see* Espejo, S. 1669
Carnassel, J. *see* Knap, W. 54169
Carnera, A., Fraboni, B., Gasparotto, A., Priolo, F., Camporese, A., Rossetto, G., Frigeri, C., Cassa, A. Dose and doping dependence of damage annealing in Fe MeV implanted InP 12699
Carnera, A. *see* Bianconi, M. 54356
Carnera, A. *see* Privitera, V. 31746
Carnes, R.O. *see* York, B.R. 42795
Carney, A.J. *see* Dominic, V.G. 23594
Carney, F. *see* Schwartz, D.B. 23710
Carney, R. *see* Brawn, I. 59325
Carnicer, A., Vallmitjana, S., Martin-Badosa, E., Juvells, I. Algorithm for detecting images in defocused scenes using optical correlation 56973
Carnicer, A. *see* Juvells, I. 35339
Carnicer, A. *see* Vallmitjana, S. 15687
Carnicet, A. *see* Vallmitjana, S. 4128
Carniel, X., Pascal, J.-C., Otte, D. Use of laser vibrometry to perform principal components analysis on structural intensity: theory and example 59025
Carniglia, C.K. *see* Gibbons, K.P. 17666
Carnimeo, L. *see* Brucoli, M. 21471
Carnimeo, L. *see* Brucoli, M. 53483
Carnovale, D. *see* Abi-Samra, N. 28886
Caro, E. *see* Freeman, A. 27011
Caro, E.R. *see* Jordan, R.L. 8348
Caro, E.R. *see* Jordan, R.L. 50025
Caro, G.Di *see* Di Caro, G.
Caro, J. *see* Gribov, N.N. 42265
Caro, J. *see* Maes, J.W.H. 42422
Caro, L.De *see* De Caro, L.
Carof, A. MAUVE: miniaturized and reconfigurable instrumentation for multipurpose survey with a Mini Autonomous Underwater VEhicle 50147
Carolan, M. *see* Khivrich, V.I. 28020
Carolan, M.G. *see* Rosenfeld, A.B. 28465
Carolan, T.A., Reuben, R.L., Barton, J.S., Jones, J.D.C. Fiber-optic Sagnac interferometer for non-contact structural monitoring in power plant applications 31001
Carolan, T.A., Reuben, R.L., Barton, J.S., Jones, J.D.C. Fibre optic Sagnac interferometer for on-line acoustic emission monitoring of high temperature power plant structures 50671
Carolan, T.A. *see* Kidd, S.R. 17773

Caroli, E. *see* Chirco, P. 37316
Caroli, E. *see* Grassi, D. 7849
Caroli, E. *see* Ramunno, G. 37332
Caron, J.-P., Hautier, J.-P. Synthesis on a methodology defining static converter control. Application to a single-phase active filter using inductive storage 53410
Caron, J.-P. *see* Morin, F. 51330
Caron, J.J., Andle, J.C., Vetelino, J.F. Surface acoustic wave substrates for high temperature applications 13242
Caron, J.J., Haskell, R.B., Andle, J.C., Vetelino, J.F. Temperature stable piezoelectric substrates for SAW gas sensors 23169
Caron, J.J. *see* Galipeau, J.D. 27735
Caron, J.P. *see* Leveque, J. 8960
Caron, J.P. *see* Netter, D. 9568
Caron, L.E. *see* Dirani, E.A.T. 38359
Caron, L.E. *see* Oliveira, J.J.S. 38390
Caron, L.E. *see* Pinheiro, W. 38391
Caron, M. *see* Ouellet, L. 22611
Caron, M. *see* Ouellet, L. 54522
Caron, S. *see* Morin, A. 20186
Caronni, G., Lubich, H.P. Proposed security mechanisms in the "new" Internet 6059
Carotenuto, A., Dell'Isola, M. An experimental verification of saturated salt solution-based humidity fixed points 36980
Carotenuto, R., Franchina, L., Trifiletti, A. Optical front-end design: a comparison between lossy matching and matched feedback architectures 26842
Carothers, J.D., Tinyang Liu, Donghui Li MCM multilayer routing with layer balancing 12055
Carothers, J.D. *see* Man Chak Tang 12054
Carotta, M.C. *see* Yang, B. 58897
Carpanese, M. *see* Dattoli, G. 3914
Carpaneto, E. *see* Bottauscio, O. 24382
Carpeggiani, C. *see* Taddei, A. 49474
Carpeggiani, C. *see* Teucci, M.C. 49643
Carpenter, B. IPng: the next generation of the Internet Protocol 6057
Carpenter, B. *see* Bratin, P. 1836
Carpenter, B.F., Clark, C.R., Draper, J.L. Shape memory actuated spacecraft mechanisms 49905
Carpenter, C.A. *see* Asfour, Y.R. 60100
Carpenter, C.J. Dwight-Bewley paradox [comment] 33818
Carpenter, D. *see* Yue Li 59418
Carpenter, D.L., Galand, M., Bell, T.F., Sonwalkar, V.S., Inan, U.S., LaBelle, J., Smith, A.J., Clark, T.D.G., Rosenberg, T.J. Quasiperiodic ~5-60 s fluctuations of VLF signals propagating in the Earth-ionosphere waveguide: a result of pulsating auroral particle precipitation? 45140
Carpenter, D.L. *see* Greenwald, R.A. 38062
Carpenter, E.H., Wolfe, F.H., Carpenter, K.D., Cox, D.E., Kohn, P.R. Multimedia. Hybrid asynchronous courses using Internet and CD-ROM–editing, production, and authoring considerations 30056
Carpenter, G.A., Gjaja, M.N., Gopal, S., Woodcock, C.E. ART neural networks for remote sensing: vegetation classification from Landsat TM and terrain data 50011
Carpenter, J., Clifford, P., Fearnhead, P. Sampling strategies for Monte Carlo filters of non-linear systems 34743
Carpenter, J.R., Bishop, R.H. Navigation filter estimate fusion for enhanced spacecraft rendezvous 49926
Carpenter, J.R., Stima, M.J. New wireless business communications directions 47739
Carpenter, K.D. *see* Carpenter, E.H. 30056
Carpenter, K.H. Magnetostatic simulations for design of superconducting magnetic shields 13525
Carpenter, L.A. *see* Moosbrugger, P.J. 56175
Carpenter, L.L., Key, J.D. Reed-Muller codes and Hadamard designs from ovals 34614
Carpenter, M. *see* Pope, P. 50226
Carpenter, M.J. Using energy methods to derive beam finite elements incorporating piezoelectric materials 52868
Carpenter, M.K., Bernardi, D.M., Wertz, J.A. The use of Hg/Hg_2SO_4 reference electrodes in valve-regulated lead/acid cells 29565
Carpenter, R., Memis, I. SLC: an organic packaging solution for the year 2000 10069
Carpenter, R.W. The coming revolution: Micro-via Technology 11894
Carpenter, R.W. *see* Smith, L.L. 12542
Carpentier, T., Litwak, R. Algorithms and criteria for sensors location in view of supervision 52312
Carpentieri, E. Model characterizes transmission-line transformers 41299
Carpinelli, J.D. *see* Hyun Yeop Lee 5896
Carpinelli, M. *see* Baticnani, G. 7810
Carpintero, C.P. *see* Rius, J.M. 4228
Carpintero, C.P. *see* Rius, J.M. 55997
Carpintero, C.P. *see* Ruis, J.M. 14552
Carpintero, G. *see* Lamela, H. 46271
Carpio, J. *see* Castro, M. 9915
Carpio, J. *see* Castro, M.A. 50860
Carpio, R. *see* Zhang, Y. 54435
Carpio, R.A., Fowler, B.W., Atluri, V., Herbots, N., Brierley, P.R. The application of surface analysis techniques for monitoring hydrogen termination cleaning processes 42571
Carpio, R.A. *see* Barnett, J.M. 42462
Carpio, R.A. *see* Petersen, J.S. 42835
Carpita, M., Cesario, P., Farina, P., Ventura, O. Preliminary design of a 18 kV locomotive 51788
Carpita, M., Cesario, P., Farina, P., Ventura, O. Preliminary design approach by ATP simulation of the 18 kV DC traction system 51806
Carpita, M., Giannini, G., Gilardi, E., Leonardelli, P. Line filter for high power inverter locomotive using active circuit for harmonic reduction: prototype tests results 51778
Carr, A. *see* Saxena, N. 22058
Carr, A. *see* Saxena, N. 39753
Carr, D. *see* Hartley, R.H. 10740
Carr, E. *see* Foster, C.M. 40313
Carr, E.C. *see* Ellis, K.A. 42614
Carr, E.C. *see* Kamins, T.I. 30876
Carr, E.C. *see* Rosner, S.J. 44214
Carr, F. *see* Joo Leong Tham 6651
Carr, G.A. Pluto Express power system architecture 18705
Carr, J.C., Fright, W.R., Beatson, R.K. Surface interpolation with radial basis functions for medical imaging 28219
Carr, J.R. Spectral and textural classification of single and multiple band digital images 18789
Carr, J.W., Kotla, J.J. Slider fabrication overview 43678
Carr, K.L. Radiometric sensing 59412
Carr, M. *see* Wilkinson, V.A. 42923
Carr, N. *see* Wood, A.K. 40337
Carr, P.H. *see* Liu, D.W. 45458
Carr, R. *see* Ma, O. 28542
Carr, S.F. *see* Tsao, B.H. 11776
Carr, T.W. The manufacturing logistics of cofire ceramic electronic packages 20935
Carr, W. *see* Walsh, S.T. 54833
Carr, W.N. *see* Okojie, R.S. 48482
Carr, W.W., Sarma, D.S., Lejun Wang, Songhua Shi, Cook, F.L., Pfromm, P.H. Xerographic printing on textiles 33846
Carra, S., Fogliani, S., Masi, M., Zanotti, L., Mucchino, C., Paorici, C. Melt-solid interface shape in LEC GaAs crystals: comparison between calculated and experimentally observed shapes 10639
Carrabina, J. *see* Barniol, N. 9877
Carrabina, J. *see* Perez-Poch, A. 3482
Carrabina, J. *see* Riera, J. 41026
Carrabina, J. *see* Velasco, A.J. 11035
Carrabina-Bordoll, J. *see* Ribas-Xirgo, L. 21655
Carrano, J.C., Grudowski, P.A., Eiting, C.J., Dupuis, R.D., Campbell, J.C. Very low dark current metal-semiconductor-metal ultraviolet photodetectors fabricated on single-crystal GaN epitaxial layers 48555
Carrara, G. *see* Bolognesi, P. 38876
Carrara, G. *see* Bolognesi, P. 60902
Carrara, J.-P. *see* Basille, J.-L. 56612
Carrara, S., Mascetti, G., Nicolini, C. Image restoration: an approach using derivative operator 25727
Carrara, S. *see* Erokhin, V. 31932
Carraresi, L. *see* Brusaferri, L. 12378
Carrascal, F. *see* Souto, M. 8023
Carrascal, F. *see* Tahoces, P.G. 49448
Carrascal, F.M. *see* Carreira, J.M. 37712
Carrasco, A. *see* Sanchez, T. 19596
Carrasco, A. *see* Soto, I. 45582
Carrasco, A.H. Moisture induced stress sensitivity reduction of FSRAM 52 lead PLCC's 20946
Carrasco, D., Diaz, J., Broquetas, A. Wide area interferometry with ERS-1 16925
Carrasco, F.J. *see* Yelmo, J.C. 16282
Carrasco, H. *see* Jugo, D. 59653
Carrasco, J.A. *see* Espi, J.M. 51854
Carrasco, J.M., Quero, J.M., Gomez, R., Franquelo, L.G. An analog neural network controller for an active power filter based on the instantaneous reactive power theory 50415
Carrasco, J.M., Quero, J.M., Ridao, F.P., Franquelo, L.G. A neural network controller for power converters based on a computational optimal control surface 51165
Carrasco, R.A., Farrell, P.G. Ring-TCM for fixed and fading channels: land-mobile satellite fading channels with QAM 6521
Carrasco, R.A., Lopez, F.J., Farrell, P.G. Ring-TCM for M-PSK modulation: AWGN channels and DSP implementation 4460
Carrasco, R.A. *see* Larrinaga, F. 47679
Carrasco, R.A. *see* Pointon, C.T. 16037
Carrasco S., S. *see* Pena C., M.A. 59586
Carrascosa, M. *see* Aguilar, M. 33735
Carrascosa, M. *see* Aguilar, M. 42218
Carrascosa, M. *see* Cabrera, J.M. 13527
Carrascosa, M. *see* Serrano, E. 14439
Carrault, G. *see* Hernandez, A.I. 49610
Carraway, J. Using reverse treat foil in the innerlayer manufacturing process 41651
Carrazana, E.J. *see* Helmers, S.L. 37802
Carrazana, E.J. *see* Helmers, S.L. 59639
Carre, C., Lougnot, D.-J. Optimization of self-processing photopolymers as holographic storage material, taking into account application requirements 24265
Carre, D. Contribution to the analysis of institutionalisation processes of mobile techniques in the field of business communications 26634
Carre, M. *see* Delprat, D. 3810
Carre, M. *see* Delprat, D. 23944
Carreira, J.M., Carrascal, F.M., Mendez, A., Souto, M., Tahoces, P.G., Parrado, D., Garcia, M., Vidal, J.J. Computerized automatic system to obtain inspiration/expiration chest roentgenograms without patient collaboration 37712
Carreira, J.M. *see* Souto, M. 8023
Carreiro, L.G. *see* Galasso, F.S. 43748
Carreon, M. *see* Kumar, A. 20955
Carrera, C.Diez *see* Diez Carrera, C.
Carreras, F., Freixas, J. Complete simple games 405
Carrere, P., Meynard, T., Lavieville, J.P. 4000 V-300 A eight-level IGBT inverter leg 51158
Carrescia, M., Molina, G. Frequency factor of safety voltage 138
Carrescia, M., Molina, G. Analysis of conductive interference, on electronic equipment, due to low frequency currents flowing through the earthing installation 24502
Carretero, L., Belendez, A., Fimia, A. Axial irradiance and entropy of holographic optical elements under illumination with quasi-monochromatic light 33764
Carrick, J.E. *see* Waxman, A.M. 17511
Carrick, J.E. *see* Waxman, A.M. 25546
Carrick, K.W. Minimizing the effects of voltage disturbances on continuous industrial processes 29899
Carrie, J., Esselle, K., Roscoe, D.J., Ittipiboon, A., Sebek, A., Shafai, L. A K-band circularly polarized cavity backed dielectric resonator 35944
Carrie, J. *see* Roscoe, D.J. 34410
Carrier, J.-Y., Litva, J., Leung, H., Lo, T. Genetic algorithm for multiple target tracking data association 45715
Carriere, A. *see* Cela, A. 60266
Carriere, T. *see* Mangeret, R. 20906
Carriere, T. *see* Pease, R.L. 43254
Carriere, T. *see* Poivey, C. 49939
Carrieri, A.H. Panoramic infrared-imaging spectroradiometer model with reverse phase-modulated beam broadcasting 58834
Carrig, T.J., Cockroft, N.J. Upconversion processes in Yb-sensitized Tm:ZBLAN 23785
Carrigan, R. *see* Murphy, C.T. 49262
Carrigan, S. Testing Telecom devices with an IMS engineering test station 30160
Carrillo, F. *see* Kashkoush, I. 42473
Carrillo, G., Cabrera, S.D., Portillo, A.A. Inspection of surface-mount-device images using wavelet processing 52320
Carrillo, J.L. *see* Meza-Montes, L. 22190
Carrington, C. *see* Bolger, M. 9986
Carrizo, J. *see* Tejedor, M. 3071
Carroll, B.F. *see* Abbitt, J.D. 17860
Carroll, D., Miller, C., Nickens, D. An object-oriented systems analysis and design technique for telemetry systems 6038
Carroll, E.A. *see* Jamison, T.A. 18792
Carroll, J. *see* Liu, R.-Y. 28695
Carroll, J.D. *see* Chen, S.J. 37653
Carroll, J.D. *see* Hoffmann, K.R. 37652
Carroll, J.E., Flanigan, B.J. The push-pull principle 14135
Carroll, J.J. *see* Agee, F.J. 54888
Carroll, J.J. *see* Long, M.L. 9155
Carroll, K., Nolan, M. An open architecture COTS tester with intelligent diagnostics 36411
Carroll, M. *see* Ashley, T. 44434
Carroll, M.S., Neugroschel, A., Chih-Tang Sah Degradation of silicon bipolar junction transistors at high forward current densities 12908
Carroll, M.S. *see* Kizilyalli, I.C. 32380
Carroll, M.S. *see* Neugroschel, A. 54605
Carroll, S., Beyerlein, S., Ford, M., Apple, D. The Learning Assessment Journal as a tool for structured reflection in process education 20506
Carroll, S.J. *see* Tada, T. 42588
Carroll, T.L., Heagy, J.F., Pecora, L.M. Transforming signals with chaotic synchronization 24977
Carroll, T.L., Pecora, L.M. The effect of filtering on communication using synchronized chaotic circuits 4786
Carron, T., Lambert, P. Symbolic fusion of hue-chroma-intensity features for region segmentation 57473
Carrozza, M.C., Lencioni, L., Magnani, B., Dario, P., Reynaerts, D., Trivella, M.G., Pietrabissa, A. A microrobot for colonoscopy 28402
Carrozza, M.C., Menciassi, A., Dario, P., Tiezzi, G. Methods and techniques for cell micromanipulation 59377
Carrozza, M.C. *see* Croce, N. 58731
Carruthers, J.B., Kahn, J.M. Modeling of nondirected wireless infrared channels 6774
Carruthers, P. *see* Greiner, M. 34767
Carruthers, T.F., Duling, I.N., III 10-GHz, 1.3-ps erbium fiber laser employing soliton pulse shortening 14009
Carruthers, T.F., Duling, I.N. An actively mode-locked, 10-GHz, single-polarization, picosecond erbium fiber laser 33414
Carruthers, T.F. *see* Anderson, G.W. 33269
Carse, B., Davies, T.S., Pipe, A.G., Nouri, H. A fuzzy logic based approach to power system fault location 28727
Carsey, F. *see* Jezek, K.C. 8322
Carson, C. *see* Malik, J. 57316

Carson, C.C., Baraniuk, R.G. Window design for signal-dependent spectrogram using optimal kernel techniques 24895
Carson, C.F. Design issues concerning Iran's Bushehr Nuclear Power Plant VVER-1000 conversion 19500
Carson, J. The emergence of stacked 3D silicon and its impact on microelectronics systems integration 22927
Carson, J.C., Shostak, D.R., Ludwig, D.E. Smart sensors integrate detectors and processors 36650
Carson, P. *see* Chen, E. 18354
Carson, P.L. *see* Jian-Feng Chen 28092
Carson, P.L. *see* Jian-Feng Chen 37721
Carson, P.L. *see* Moskalik, A.P. 18352
Carson, R.E. *see* Freedman, N.M.T. 7913
Carson, R.R., Jr., Bosse, E., Roy, J. A sensor fusion architecture for the CP-140 marine surveillance aircraft 50266
Carson, R.R., Jr, Meyer, M.P., Peters, D.J. Fusion of IFF and radar data 25235
Carson, S. *see* Giesselmann, M. 43095
Carstanjen, H. *see* Kondoh, E. 42631
Carsten, B. Clipping preamplifier provides accurate measurement of transistor conduction voltages 2601
Carstensen, C. A posteriori error estimate for the symmetric coupling of finite elements and boundary elements 657
Carstensen, C. An a posteriori error estimate for a first-kind integral equation 40247
Carstensen, C., Stephan, E.P. Adaptive boundary element methods for some first kind integral equations 21206
Carstensen, C., Wriggers, P. On the symmetric boundary element method and the symmetric coupling of boundary elements and finite elements 40282
Carstensen, C., Zarrabi, D., Stephan, E.P. On the h-adaptive coupling of FE and BE for viscoplastic and elasto-plastic interface problems 10559
Carstensen, C. *see* Brink, U. 10578
Carstensen, E.L. *see* Christopher, T. 28094
Carswell, B. *see* Chandran, V. 57181
Carswell, J., Donnelly, W., McIntosh, R. Remote sensing of the near surface-ocean wind vector under low-wind conditions using scatterometry 8429
Carswell, S. VME in telecommunications: applications and future directions 57833
Cartaleva, S., Dancheva, Y., Gerginov, V. Enhancement of single mode selection efficiency of He-Ne and He-Ne/I_2 lasers 13975
Carter, A.A. *see* Beringer, J. 37394
Carter, B., Matsumoto, J., Prater, A., Smith, D. Lithium ion battery performance and charge control 18671
Carter, C. *see* Keiser, G. 16409
Carter, C. *see* Keiser, G. 46645
Carter, C.H., Jr. *see* Dmitriev, V.A. 13214
Carter, C.H., Jr. *see* Moore, K.E. 21929
Carter, D.B. *see* Tanabe, T. 27667
Carter, D.R.H. *see* Leedham, R.J. 40906
Carter, G., Clark, A., Dawson, E., Nielsen, L. Analysis of DES double key mode 4490
Carter, G.M. *see* Choa, F.S. 13867
Carter, G.M. *see* Golovchenko, E.A. 58277
Carter, G.M. *see* Jacob, J.M. 23485
Carter, G.M. *see* Jacob, J.M. 47964
Carter, G.M. *see* Sipior, J. 3626
Carter, J. Reducing cycle time by optimizing your product portfolio 20801
Carter, J., Lindner, A. Microwave circuits require special packages 41489
Carter, J. *see* Burke, T. 32386
Carter, J. *see* Chen Li-Chun 55454
Carter, J. *see* Podlesak, T. 38185
Carter, J. *see* Silvestre, S. 39211
Carter, J.A., III *see* Sunderlin, T.A. 3517
Carter, J.L. *see* Singh, H. 33889
Carter, J.N. Optimal performance of genetic algorithm and stochastic hill-climbers for combinatorial optimisation 10360
Carter, J.R. *see* Bryant, J. 37394
Carter, L.J., Bryant, G.H., Le Fevre, M., Wong, W.C. Moisture and landmine detection 8605
Carter, M. *see* Blondel, J. 48207
Carter, M. *see* Guthrie, G. 47084
Carter, M.J. *see* Bhattacharyya, D. 835
Carter, M.J. *see* Bhattacharyya, D. 30866
Carter, M.J. *see* Herberholz, R. 39042
Carter, N.J. Aircraft EMC, the past, the present and the future: an overview 34122
Carter, P.A. Applying technology to manufacturing cost reduction 10022
Carter, P.H. Evolution of frequency content in fluid flow noise 25050
Carter, R. Gray-scale perceptions calculated: optimum display background luminance 58908
Carter, R. *see* Hughes, A.E. 2276
Carter, R.J. *see* Culbertson, W.B. 28147
Carter, R.L. *see* Ciubotaru, A.A. 54588
Carter, S. *see* Herber, R. 16441
Carter, S.A., Angelopoulos, M., Karg, S., Brock, P.J., Scott, J.C. Polymeric anodes for improved polymer light-emitting diode performance 55461
Carter, S.E., Malocha, D.C. Finite impulse response utilizing the principle of superposition 53427
Carter, S.F. *see* Percival, R.M. 26817
Carter, S.J., Hawley, J.G., Slowley, J., Charlton, S.J. Initial development of a predictive hydrocarbon emissions model for a DI diesel engine 29120
Carter, S.J. *see* Drummond, P.D. 23757
Carter, W.C. *see* Moon, K.W. 10999
Carter, W.C. *see* Warren, J.A. 1806
Carter, W.L. *see* Li, Q. 43766
Carter-Coman, C., Bicknell-Tassius, R., Benz, R.G., Brown, A.S., Jokerst, N.M. Analysis of GaAs substrate removal etching with citric acid:H_2O_2 and NH_4OH:H_2O_2 for application to compliant substrates 42538
Carter-Coman, C., Bicknell-Tassius, R., Brown, A.S., Jokerst, N.M. Analysis of $In_{0.07}Ga_{0.93}As$ layers on GaAs compliant substrates by double crystal X-ray diffraction 40420
Cartier, A.M. *see* Moriceau, H. 22554
Cartier, E. *see* Ludeke, R. 54886
Cartier, L.D., Krassin, E. XC4000EX has improved I/O characteristics [FPGA family] 41062
Cartina, G. *see* Gavrilas, M. 9448
Cartledge, J.C., Srinivasan, R.C. Extraction of DFB laser rate equation parameters for system simulation purposes 55720
Cartledge, J.C. *see* Lawetz, C. 6820
Cartledge, J.C. *see* Lawetz, C. 55299
Cartner, A. *see* Sammes, N. 51534
Carton, M. *see* Dupont, F. 52899
Carton, X. *see* Hoang, H.S. 45821
Carts, M. *see* Weatherford, T.R. 43339
Carts, M.A. *see* Reed, R.A. 22748
Cartujo, P. *see* Roldan, J.B. 43002
Cartujo, P. *see* Roldan, J.B. 54137
Cartwright, C.M. *see* Vallmitjana, S. 4128
Cartwright, G.A. *see* Wu, X. 43517
Cartwright, K.L. *see* Verboncoeur, J.P. 12095
Carty, F. *see* Kemp, J. 48642
Caruette, A. *see* Shu, Q.S. 49022
Carugno, G. *see* Conti, E. 37364
Carullo, S.P., Bolkus, R., Hartle, J., Foy, J., Nwankpa, C.O., Fischl, R., Gillerman, J. Interconnected power system laboratory: fault analysis experiment 19103
Caruso, G. *see* Zammit, U. 52923
Caruso, G.L. *see* Marinelli, C.N. 52163
Caruso, L., Consoli, A., Scarcella, G., Testa, A. A switched reluctance motor drive operating at unity power factor 29720
Caruth, D. *see* Fresina, M.T. 42961
Carvaillo, P. Bare board test challenges and solutions 11966
Carvalho, A., Sousa, M., Portugal, P., Tovar, E., Oliveira, J., Alves, M. Towards CIM by integrating manufacturing applications and legacy subsystems in an heterogeneous environment 47063
Carvalho, A.C. *see* Froehlich, K. 50631
Carvalho, A.C. *see* Froehlich, K. 50645
Carvalho, A.R. *see* Pilotto, L.A.S. 38322
Carvalho, A.S., Martins, A.P., Araujo, A.S. Improving IGBT behaviour on short circuit condition 51183
Carvalho, A.S. *see* Martins, A.P. 51238
Carvalho, E.De *see* De Carvalho, E.
Carvalho, J.F. *see* Frejlich, J. 59028
Carvalho, M.C.R. *see* Conrado, L.F.M. 47967
Carvalho, M.C.R. *see* Kawase, L.R. 26898
Carvalho, M.G. *see* Coelho, P.J. 29086
Carvalho, M.M.G.de *see* de Carvalho, M.M.G.
Carvalho, N.B., Madureira, R.C., Pedro, J.C. Prediction of PLL frequency discriminator non-linear distortion using the Volterra Series approach 1197
Carvalho, R.T.de *see* de Carvalho, R.T.
Carvey, P.P. Technology for the wireless interconnection of wearable personal electronic accessories 35946
Carye, J.R. *see* Alwi, H.A.B. 38128
Caryotakis, G. *see* Ruth, R.D. 49165
Caryotakis, G. *see* Scheitrum, G. 7721
Casaca, A., Aguiar, J.A.N., Nunes, S., Delgado, J. ATM and frame relay in a power utility wide area network 28815
Casaca, A. *see* Monteiro, P. 47471
Casaca, A. *see* Vazao, T.M. 26259
Casacuberta, F. *see* Castro, M.J. 15028
Casada, D.A. *see* Hsu, J.S. 29339
Casadei, D., Serra, G., Tani, A., Nielsen, P. Performance of SVM controlled matrix converter with input and output unbalanced conditions 51348
Casadei, D. *see* Brunelli, B. 9644
Casadei, G.R. *see* Lu, P. 37739
Casademont, J., Paradells, J., Sallent, S., Sanjuan, T. Radio local loop based on DECT, enhancements to increase capacity 47628
Casademunt, J. *see* Gonzalez-Cinca, R. 30733
Casado, A., Marshall, T.W., Santos, E. Parametric downconversion experiments in the Wigner representation 55842
Casale, E. *see* Mormile, P. 7274
Casale, E.P., Sebo, S.A. Polymer insulator fog chamber project: Data acquisition system development 32737
Casale, E.P. *see* Sebo, S.A. 32736
Casale, S., La Corte, A. A parallel MAC architecture for a gigabit/s DQDB MAN suitable for multimedia applications 16336
Casale, S. *see* Beritelli, F. 4592
Casale, S. *see* Beritelli, F. 4593
Casale, S. *see* Montagna, R. 46979
Casaleggio, A., Corana, A., Ranjan, R., Thakor, N.V. Dimensional analysis of the electrical activity in fibrillating isolated hearts 18417
Casaleggio, A., Gramatikov, B., Thakor, N.V. On the use of wavelets to separate dynamical activities embedded in a time series 37784
Casali, F. *see* Rossi, M. 31003
Casalini, M. *see* Cantatore, F. 9001
Casalis, L. *see* Kolmakov, A. 42267
Casals, A. *see* Marti, J. 25794
Casals, O. *see* Blondia, C. 35482
Casals, O. *see* Cerda, L. 35383
Casalta, J.M., Aragones, X., Rubio, A. Substrate coupling evaluation in BiCMOS technology 41354
Casamatta, V. *see* Bacchi, E. 48944
Casamayou, L. *see* Simon, M. 26274
Casamento, J.P., Ruggera, P.S. Applying standardized electromagnetic compatibility testing methods for evaluating radiofrequency interference with ventilators 37886
Casanova, N. *see* Inaudi, D. 17440
Casanova, N. *see* Vulliet, L. 7389
Casanova Alig, R. Sensitivity analysis for construction of monochrome electron guns for 5 megapixel, 200 foot-Lambert monitors 12078
Casanovas, A.-M. *see* Pradayrol, C. 13219
Casanovas, A.-M. *see* Pradayrol, C. 13312
Casanovas, J. *see* Pradayrol, C. 13219
Casanovas, J. *see* Pradayrol, C. 13312
Casanove, M.J. *see* Vivas, M. 10936
Casanovo, P., Abarca, A., Abril, J., Cano, J.M. The design of synchronous sequential circuits 1228
Casanueva, R., Porres, F., Azcondo, F.J. Flexible control for elevator systems. ASIC implementation criteria 41201
Casar, R. *see* De Miguel, G. 58411
Casares, V. *see* Alcober, J. 47646
Casarin, M.A. Diagonal edge preconditioners in p-version and spectral element methods 40280
Casarosa, C. *see* Bagnoli, P.E. 61296
Casas, F. Solution of linear partial differential equations by Lie algebraic methods 10523
Casas, J. *see* Balle, C. 48448
Casas, J.R., Torres, L. A feature-based subband coding scheme 25439
Casas, O., Rosell, J., Bragos, R., Lozano, A., Riu, P.J. A parallel broadband real-time system for electrical impedance tomography 18440
Casas, R. *see* Torres, S. 36292
Casas, R.A., Zhi Ding, Kennedy, R.A., Johnson, C.R., Jr., Malamut, R. Blind adaptation of decision feedback equalizers based on the constant modulus algorithm 5709
Casas, R.A. *see* Johnson, C.R., Jr. 6488
Casas-Cubillos, J. *see* Bezaguet, A. 49013
Casaschi, P. *see* Profumo, A. 26396
Casasent, D. "A suite of optical filters for general-purpose machine vision" 46023
Casasent, D., Anqi Ye Detection filters and algorithm fusion for ATR 25634
Casasent, D., Shenoy, R. Synthetic aperture radar detection and clutter rejection MINACE filters 27052
Casasent, D., Shenoy, R., Neiberg, L. Feature space trajectory (FST) neural network for SAR detection, classification, and clutter rejection 6944
Casasent, D., Ye, A., Talukder, A. Algorithm fusion for detection with reduced P_{FA} 5452
Casasent, D. *see* House, G. 5203
Casasent, D. *see* Polzleitner, W. 5456
Casasent, D. *see* Polzleitner, W. 35017
Casasent, D. *see* Weber, D. 35000
Casasent, D.P., Neiberg, L. Distortion-invariant image pattern recognition FST temporal neural network 57518
Casaus, J. *see* Adam, A. 37280
Casavola, R. *see* Breglio, G. 3594
Cascia, M.La *see* La Cascia, M.
Cascini, J.R. *see* Mannheimer, P.D. 37710
Cascio, D. *see* Stowell, M.H.B. 18159
Cascio, L., Tardioli, G., Rozzi, T., Hoefer, W.J.R. A quasi-static modification of TLM at knife edge and 90° wedge singularities 24531
Casciola, G., Morigi, S. Reparametrization of NURBS curves 40176
Cascioli, G. *see* Angino, G. 48115
Casdagli, M.C., Iasemidis, L.D., Sackellares, J.C., Roper, S.N., Gilmore, R.L., Savit, R.S. Characterizing nonlinearity in invasive EEG recordings from temporal lobe epilepsy 37832
Casdagli, M.C., Iasemidis, L.D., Savit, R.S., Gilmore, R.L., Roper, S.N., Sackellares, J.C. Nonlinearity in invasive EEG recordings from patients with temporal lobe epilepsy 59641
Case, D. Angle-of-attack sensor analysis and calibration method for a heavy jet transport 49883
Case, F.C. *see* Mitra, P. 2306
Case, F.C. *see* Mitra, P. 48560
Case, K.E. *see* Jengjung Fang 10183
Case, K.E. *see* Teran, A. 52314
Case, M.J., Swart, P.H. The Gabor Transform as a power-system analysis tool 38229
Case, M.J. *see* de Rooij, M.A. 60699
Case, M.J. *see* Nel, J.J. 51255
Case, M.J. *see* Swart, P.H. 38230
Case, S.H. *see* Hill, R.J. 9675
Case, S.H. *see* Yu, J.G. 39309
Case, T.L. *see* Bialaszewski, D. 52036

Caseiro, T.A., Conceicao, P., Durao, D.F.G., Heitor, M.V. The development of higher engineering education in Portugal and the monitoring of admissions: a case study 30055
Caselles, V., Coll, B. Snakes in movement 25658
Caselles, V., Coll, B., Morel, J.-M. Junction detection and filtering: a morphological approach 56943
Caselles, V., Kimmel, R., Sapiro, G. Geodesic active contours 57161
Caselli, S., Sillitoe, I., Visioli, A., Zanichelli, F. Object classification for robot manipulation tasks based on learning of ultrasonic echoes 36892
Cases, M. *see* Smith, H. 42708
Casetti, G., Kurose, J., Towsley, D. A new algorithm for measurement-based admission control in integrated services packet networks 6257
Casey, B.G., Monaghan, W., Wilkinson, C.D.W. Embossing of nanoscale features and environments 40690
Casey, D. *see* Yeh, T. 3181
Casey, E.J., Kafesjian, S.L. Infrared sensor modeling for improved system design 18659
Casey, J. Frame relay: keeping the network clean 26174
Casey, J. *see* Zielke, S. 6412
Casey, L. *see* Balabanian, V. 6322
Casey, M.E. *see* Watson, C.C. 37675
Casey, R. *see* Sakis Meliopoulos, A.P. 50599
Casey, S., Hill, E., Miles, J., Sivasamy, P., Birtwistle, K., Middleton, B., Joyce, D. A study of the initial growth of $Pt_xCo_{(1-x)}$ thin films on Si_3N_4 55047
Casey, S.D., Sadler, B.M. Number theoretic methods in parameter estimation 4665
Casey, S.D. *see* Sadler, B.M. 15188
Casey, S.D. *see* Sadler, B.M. 25144
Casey, S.L. *see* Foster, C.C. 49269
Casey, S.M. *see* Mullan, C.A. 30723
Casey, S.M. *see* Ott, A.K. 52688
Casey, W. *see* Begley, D.L. 6781
Cash, G., George, G., Blackmore, P., Birtwhistle, D. In-situ assessment of composite insulator surface condition 43564
Cash, G.L. *see* Basso, A. 15608
Cash, J.R. Runge-Kutta methods for the solution of stiff two-point boundary value problems 10533
Cash, J.R. *see* Butcher, J.C. 30628
Cash, P.E., Emmons, D.A., Stapor, W. Low dose proton radiation sensitivity of quartz resonators 13320
Cash, P.E., Emmons, D.A., Stapor, W. Low dose proton radiation sensitivity of quartz resonators 32754
Cashar, E.E. Development of a TPS reuse library using COTS tools 36420
Cashin, W.F. *see* Watts, D. 27319
Cashmore, J.S., Hooker, S.M., Webb, C.E. Vacuum ultraviolet gain measurements in optically pumped $LiYF_4:Nd^{3+}$ 55578
Casimiro, A. *see* Verissimo, P. 47144
Casini, A. *see* Alparone, L. 56993
Casini, D. *see* Bolognesi, P. 38876
Casini, D. *see* Bolognesi, P. 60902
Casinovi, G., Ho, R.J. Computer generation of colored noise for time-domain analysis of integrated circuits 32482
Casinovi, G., Jeen-Mo Yang A multi-level simulator with analog behavioral models 11062
Casinovi, G. *see* Young, C. 11113
Casnati, A. *see* Weyrauch, M. 7785
Caso, A. *see* Perez Ramirez, A.S. 52848
Caso, P. *see* Lange, A. 49560
Casolino, M. *see* Borisyuk, R. 37274
Casoni, M. *see* Callegati, F. 16041
Casoni, M. *see* Jacob, J.-B. 16517
Caspall, J.J., Caille, G.W., Jarzynski, J., McCall, G.S., II (3,1) drive PVDF acoustic displacement sensor 17873
Caspani, P. *see* Alessandrello, A. 37480
Caspar, C. *see* Strebel, B. 26749
Caspers, F. Instrumentation–pickups and diagnostics 37057
Caspers, F., Scholz, T. Resonator method for impedance determination 17953
Casperson, L.W. *see* Tovar, A.A. 55364
Caspi, S. *see* Palmer, R.B. 17966
Casrillo, D. *see* Mills, M.E. 43424
Cass, B. *see* Safari, A. 10977
Cass, S. Fibre optics for high bandwidth networks 36188
Cass, T.A. Polynomial-time geometric matching for object recognition 46170
Cassa, A. *see* Carnera, A. 12699
Cassada, J. *see* Antos, J. 37373
Cassady, P., Murata, R. Signal processing for coherent laser radar: Integration of multiple pulses and effects of pointing errors 8692
Cassandras, C.G., Wei Shi Perturbation analysis of multiclass multiobjective queueing systems with 'quality-of-service' guarantees 39988
Cassandras, C.G. *see* Bao, G. 10353
Cassandras, C.G. *see* Jung-Bong Suk 25966
Cassanho, A., Castillo, V.K., Quarles, G.J., Jenssen, H.P., Buchter, S., Bustamante, A., Hagan, D. Progress in the development of colquiriite laser crystals 55593
Cassanho, A. *see* Sorokina, I.T. 55581
Cassanho, A. *see* Yanovsky, V.P. 55586
Cassapakis, C. *see* Chmielewski, A.B. 18734
Casse, G.-L. *see* Dezillie, B. 59248
Cassel, R. *see* Ruth, R.D. 49165
Casseli, R., Smith, A., Shepherd, R. A risk assessment model for free flight–terminal area reduced separation 59999
Casselman, S. Reconfigurable logic based fibre channel network card with sub 2 μs raw latency 11428
Casselman, S. Reconfigurable logic based fibre channel network card 47004
Casselman, S. *see* Beechick, A. 40999
Casselman, S. *see* DeMarco, J.J. 49759
Cassette, S. *see* Blanck, H. 53667
Cassidy, A. *see* Woods, R. 21571
Cassidy, G.H. Amoco Texas City refinery's experience with partial discharge testing of 13.8 kV motors 60689
Cassidy, L.W. Space qualification of HDOS' HD-1003 star tracker 59887
Cassidy, M., Lindsay, G., Kendall, K. The reduction of nickel-zirconia cermet anodes and the effects on supported thin electrolytes 20002
Cassir, M., Malinowska, B., Canevet, C., Sportouch, L., Devynck, J. Molten carbonate fuel cells: contribution to the study of cathode behaviour and oxygen reduction in molten Li_2CO_3-K_2CO_3 at 650°C 19996
Cassir, M. *see* Malinowska, B. 29608
Casson, K. A quantum leap system solution for next generation electronic miniaturization 11906
Casson, P., Quinlan, J. Engineering a successful wireless installation with environmental size and space constraints 51316
Castagne, J. *see* Otterstedt, J. 21740
Castagne, M., Benfedda, M., Lahimer, S., Fillard, J.P., Grimont, L. Carbon "super tips" on AFM probes, as near field PSTM sensors 17327
Castagne, R., Bert, A. Training to SME's "industrial innovations" capabilities: new concepts and tools are needed 9874
Castagneri, G. *see* Billi, R. 46974
Castagnetti, R. *see* Haberli, A. 17337
Castagno, R., Villaroel, J.A. A spline-based adaptive filter for the removal of blocking artifacts in image sequences coded at very low bitrate 57093
Castagno, R. *see* Reusens, E. 35192
Castagno, R. *see* Reusens, E. 57252
Castagnolo, B., Giorgio, A., Perri, A.G. Modeling thermal effects on MESFET I-V characteristics 2706
Castagnolo, B., Giorgio, A., Perri, A.G. An automatic optimization technique of the SIV layout to improve the thermal design of power GaAs MESFETs 2707
Castagnolo, B., Nuovo, M.-M., Rizzi, M. Extended Starring: a new topology of interconnection multihop lightwave networks 46822
Castagnolo, B., Xu, Z. A new chirped grating for deflecting and focusing guided waves 3440
Castagnolo, B. *see* Giorgio, A. 54691
Castagnozzi, D.M. *see* Marquis, D. 6180
Castaldini, A., Cavallini, A., Fraboni, B., Polenta, L., Fernandez, P., Piqueras, J. Compensation and deep levels in II-VI compounds 31826
Castaldini, A., Cavallini, A., Poggi, A., Susi, E. Surface damage in processed silicon 32188
Castaldo, R., Franck, C.C., Smith, A. Evaluation of FLIR/IR camera technology for airport surface surveillance 18751
Castan, E. *see* Enriquez, L. 22254
Castan, E. *see* Quintanilla, L. 42070
Castan, S. *see* Crouzil, A. 5285
Castane, H. *see* Nuno, L. 45329
Castaneda, B. *see* Munoz, J.A. 44215
Castaneda, R. *see* Bauer, P.H. 4901
Castaneda, R. *see* Mejia, Y. 5507
Castaner, L., Jimenez, V., Dominguez, M., Masana, F., Rodriguez, A. Flow measurement hits home 36969
Castaner, L. *see* Silvestre, S. 39211
Castaner, R. *see* Prieto, C. 13436
Castanie, F. *see* Bakkoury, J. 26602
Castanie, F. *see* Bershad, N.J. 45480
Castanie, F. *see* Chabert, M. 25147
Castanie, F. *see* Chabert, M. 34945
Castanien, K. *see* Montes, R. 7494
Castanien, K.E., Liang, C. Application of active structural health monitoring technique to aircraft fuselage structures 18602
Castano, M.L. *see* Gomez Briceno, D. 9072
Castano, R.L., Hutchinson, S. A probabilistic approach to perceptual grouping 5469
Castano, V.M. *see* Nava, R. 40696
Castano, V.M. *see* Rejon, L. 54965
Castanon, D. *see* Krishnamurthy, A. 16172
Castanon, D.A. *see* Bifano, T.G. 54855
Castedo, L., Escudero, C.J., Dapena, A. A blind signal separation method for multiuser communications 57607
Castedo, L. *see* Dapena, A. 24956
Castel, C., Chaudron, L., Tessier, C. 1st order C-cubes for the interpretation of Petri nets: an application to dynamic scene understanding 5436
Castel, X., Floch, J.M., Guilloux-Viry, M., Mahdjoubi, K., Terret, C., Perrin, A. Experimental results on a 38-GHz high-temperature superconducting microstrip antenna 24565
Castella, F.R. Combined multisensor alignment and track filtering on a single platform 25230
Castellano, A. *see* Cesareo, R. 37562
Castellano, G., Attolico, G., Stella, E., Distante, A. Routing applications of the Hopfield neural network 5888
Castellano, G. *see* Carbone, F. 8807
Castellano, M., Catani, L., Ferrario, M., Minestrini, M., Patteri, P., Tazzioli, F., Tazzari, S. Conclusions from the LISA superconducting linac experience 37018
Castellano, M. *see* Bellotti, R. 37270
Castellano, P. *see* Slomka, S. 45654
Castellano, P.J., Sridharan, S., Cole, D. Speaker recognition in reverberant enclosures 15137
Castellanos, A. *see* Jen-Shih Chang 22187
Castellanos, A. *see* Pontiga, F. 23104
Castellanos, A. *see* Pontiga, F. 32617
Castellanos, A. *see* Pontiga, F. 43468
Castellanos, D.C. *see* Gatt, P. 6967
Castelli, C. *see* Owens, A. 18148
Castelli, E. *see* Arfelli, F. 37666
Castelli, E. *see* Arfelli, F. 49329
Castelli, E. *see* Arfelli, F. 59555
Castelli, F. *see* Baccaro, S. 37459
Castelli, P. *see* Lambarelli, L. 57704
Castelli, S. CPLD: a new record in density 53254
Castelli, V., Chung-Sheng Li, Turek, J., Kontoyianis, I. Progressive classification in the compressed domain for large EOS satellite databases 28597
Castelli, V., Cover, T.M. The relative value of labeled and unlabeled samples in pattern recognition with an unknown mixing parameter 25079
Castelli Dezza, F., Monti, A. The design of software in electrical drives 29728
Castelli Dezza, F. *see* Brambilla, E. 9336
Castellini, G., Conti, F., Del Re, E., Pierucci, L. A continuously adaptive MLSE receiver for mobile communications: algorithm and performance 26613
Castellini, P., Santolini, C. Vibration measurements on blades of naval propeller rotating in water 59026
Castello, P. *see* Jossinet, R. 59588
Castello, R. *see* Baschirotto, A. 32565
Castellon, J., Toureille, K. Space charge measurements by the thermal step method in filled epoxyde systems 32689
Castelluccio, S. *see* Bertozzi, M. 46162
Castelluci, D. *see* Parillaud, O. 10704
Casteno, V.M. *see* Rejon, L. 939
Castenshiold, R., Love, D.J. Electro-forensic engineering: an emerging profession 30007
Castera, J.-P., Lehureau, J.-C. Multitrack digital tape recording using MO readout system 3227
Castiglioni, P., Di Rienzo, M. On the evaluation of heart rate spectra: the Lomb periodogram 49633
Castiglioni, P. *see* Pilgram, B. 59661
Castilla, M. *see* Montano, J.C. 8802
Castillejo R, N. *see* Barei D'E, J.T. 60574
Castillo, C. *see* Jugo, D. 59653
Castillo, D. *see* Liu, K. 12050
Castillo, D. *see* Skinner, M.I. 53846
Castillo, D. *see* Skinner, M.P. 302
Castillo, E.Del *see* Del Castillo, E.
Castillo, H.Del *see* Del Castillo, H.
Castillo, M.D.I., Sanchez-Mondragon, J.J., Stepanov, S. Formation of steady-state cylindrical thermal lenses in dark stripes 4022
Castillo, O., Melin, P. Automated quality control in the food industry combining artificial intelligence techniques with fractal theory 30342
Castillo, S.P. *see* Basart, J.P. 36294
Castillo, S.P. *see* Basart, J.P. 36295
Castillo, S.P. *see* Jedlicka, R. 34108
Castillo, V.K. *see* Bayramian, A.J. 3765
Castillo, V.K. *see* Cassanho, A. 55593
Castillo, V.K. *see* Jani, M.G. 14069
Castle, G.S.P., Inculet, I.I. The electrostatic fields and discharge hazards of insulating sheets close to a conductor: a review 33808
Castle, G.S.P. *see* Feng, R. 32606
Castle, I. *see* Duguid, T. 13264
Castle, J.E., Zhdan, P.A. Characterization of surface topography by SEM and SFM: problems and solutions 48898
Castle, M. *see* Lawson, W. 37138
Castle, M. *see* Saraph, G.P. 1939
Castleberry, H. *see* Bachmann, K.J. 52620
Castleman, G. *see* Kim, I. 12790
Castleman, K.R. *see* Wu, Q. 28263
Castles, S. *see* Sparr, L. 49910
Castleton, I.M. *see* Liang, C.-T. 54190
Castner, T.G. *see* Diehl, R. 1688
Castoldi, A., Rehak, P., Holl, P. Signal charge sharing in multilinear drift detectors: design and experimental characterization 59214
Castoldi, A., Rehak, P., Struder, L. Electron confinement in drift detectors by means of "channel-stop" implants: characterization at high signal charges 28017
Castoldi, P., Raheli, R. On the use of oversampling in adaptive receivers for frequency-selective Rayleigh fading channels 26543
Castonguay, J.-S. *see* Jerominek, H. 17367
Castori, P. On the use of modifiers for real-time execution in MMS 16293
Castro, A.F. *see* Dirani, E.A.T. 38359
Castro, A.F. *see* Oliveira, J.J.S. 38390
Castro, A.F. *see* Pinheiro, W. 38391
Castro, A.J.De *see* De Castro, A.J.
Castro, A.V. *see* Fontan, F.P. 47589
Castro, D. *see* Marques, L. 7329

Castro, G.R. *see* Segovia, P. 22623
Castro, J.R. *see* Daftari, I.K. 18503
Castro, J.Silva *see* Silva Castro, J.
Castro, M., Mas, I., Maestre, V., Gomez, J.M., Garcia, A., Carpio, J., Peire, J. Actual experience and development of a new generation microprocessor computer aided learning tool 9915
Castro, M. *see* Ciavola, G. 49152
Castro, M.A., Carpio, J., Peire, J., Rodriguez, J.A. Renewable-energy integration assessment through a dedicated computer program 50860
Castro, M.De *see* De Castro, M.
Castro, M.J., Casacuberta, F. The morphic generator grammatical inference methodology and multilayer perceptrons: a hybrid approach to acoustic modeling 15028
Castro, P.M.S.T.de *see* de Castro, P.M.S.T.
Castro, R. *see* Lyra, C. 29148
Castro, R.M.G., Ferreira de Jesus, J.M. A wind park reduced-order model using singular perturbations theory 19078
Castro, S.G.C.de *see* de Castro, S.G.C.
Castro Simas, M.I. *see* Behrens, F.H. 40909
Castro-Rodriguez, R. *see* Aguilar, M. 54084
Castro-Rodriguez, R. *see* Rejon, V. 40407
Casu, M.B. *see* Anedda, A. 42013
Caswell, S.A., Thompson, J.A., Jenkins, J.M., DiCarlo, L.A. Separation of ventricular tachycardia from ventricular fibrillation using paired unipolar electrograms 28379
Cat, H.H., Gentile, A., Eble, J.C., Myunghee Lee, Vendier, O., Young Joong Joe, Wills, D.S., Brooke, M., Jokerst, N.M., Brown, A.S. SIMPil: an OE integrated SIMD architecture for focal plane processing applications 55355
Cat, H.H. *see* Wills, D.S. 3657
Catalan Lasheras, N., Crescenti, M., Vretenar, M. Commissioning and experience in stripping, filtering and measuring the 4.2 MeV/u lead ion beam at CERN Linac 3 49084
Catalano, A. *see* Je-Hsiung Lan 17686
Catalano, A. *see* Je-Hsiung Lan 54412
Catalano, O. *see* Agnetta, G.A. 18096
Cataldi, F. *see* Leone, M. 26181
Cataldi, F. *see* Perardi, F. 47127
Cataldi, G. *see* Andryakov, A. 37226
Cataldo, G.De *see* De Cataldo, G.
Catani, F. Fractal dimension and mechanical behaviour in structurally complex formations 18817
Catani, L. *see* Castellano, M. 37018
Catania, C., Pattavina, A. Analysis of replicated Banyan networks with input and output queueing for ATM switching 5785
Catania, V., Ficili, G., Palazzo, S., Panno, D. Using fuzzy logic in ATM source traffic control: lessons and perspectives 5760
Catania, V., La Paglia, I., Vita, L. Real-time data service in CIM environment 47172
Catania, V. *see* Andronico, M. 4974
Catania, V. *see* Ascia, G. 35425
Catania, V. *see* Ascia, G. 56814
Catanzarite, D.M. *see* Carlson, J.D. 9461
Cataudella, V. *see* Di Francia, G. 41817
Catchpole, R. *see* Maxley, C.D. 700
Catedra, M.F. *see* Perez, J. 34188
Catedra, M.F. *see* Perez, J. 35938
Cateland, E. *see* Allouche, J.-P. 52460
Catena, S. *see* Ciampolini, P. 11078
Caterini, R. *see* Clarencon, D. 37827
Cates, A.W., Pollard, A.E. A computer modeling study of the relationship between intramural fiber rotation and the spatial distribution of repolarization properties in ventricular myocardium 59583
Cates, M.R., Beshears, D.L., Allison, S.W. Noncontact phosphor thermometry for process control 7671
Cates, R. High Bit Rate Digital Subscriber Line (HDSL) data transmission system with range of 4 km over twisted wire pairs 6357
Catford, A.J. *see* Textoris, A.T. 28719
Cather, R.L. *see* Chantry, P.J. 27942
Cathey, W.T. *see* Dowski, E.R., Jr. 25531
Cathignol, D., Sapozhnikov, O.A., Zhang, J. Lamb waves in piezoelectric focused radiator as a reason for discrepancy between O'Neil's formula and experiment 38137
Cathignol, D. *see* Tavakkoli, J. 49780
Cathignol, D.J. *see* Dupenloup, F. 8101
Catic, I. *see* Sercer, M. 20978
Catinaud, T. *see* Krishnan, R. 3197
Catipovic, J. *see* Singh, H. 48157
Catipovic, J. *see* Zvonar, Z. 17224
Catipovic, J.A. *see* Eastwood, R.L. 35372
Catipovic, J.A. *see* Freitag, L.E. 48144
Catipovic, J.A. *see* Stojanovic, M. 6868
Catledge, S.A., Vohra, Y.K., Weir, S.T., Akella, J. Homoepitaxial diamond films on diamond anvils with metallic probes: the diamond/metal interface up to 74 GPa 52611
Catling, I., Warriner, D. Using GPS as part of an on-bus video system for bus lane enforcement 26668
Catmull, K. *see* Cosway, R.G. 30183
Catmur, J.R. *see* Redmill, F. 52369
Cato, G.R., Reeves, D.S. Calypso: an implementation of the order graph method 25743
Catoni, O. Metropolis, simulated annealing, and iterated energy transformation algorithms: theory and experiments 10405
Catovic, A. *see* Vojvodic, D. 37696
Catrera, A. *see* Sierra, G. 59730
Catrina, O. *see* Atwood, J.W. 57627
Catrysse, P. *see* Lande, D. 4134
Cattadori, C. *see* Alessandrello, A. 7819
Cattan, E., Velu, G., Jaber, B., Remiens, D., Theirry, B. Structure control of $Pb(Zr,Ti)O_3$ films using $PbTiO_3$ buffer layers produced by magnetron sputtering 40601
Cattaneo, G.M., Fiorino, C., Villa, E., Calandrino, R. Methods for 3D-conformal radiotherapy: reality and perspectives 59776
Cattani, A. *see* D'Arnico, N. 36303
Cattaruzza, E. *see* Gonella, F. 3954
Cattelino, M., Miram, G. Predicting cathode life expectancy and emission quality from PWFD measurements 53929
Catten, J.C. *see* de los Santos Vidal, O. 20644
Catthoor, F. *see* Balasa, F. 57333
Catthoor, F. *see* Danckaert, K. 40842
Catthoor, F. *see* Davis, L. 15576
Catthoor, F. *see* Nachtergaele, L. 35065
Catthoor, F. *see* Parhi, K.K. 21727
Catthoor, F. *see* Wuytack, S. 15733
Catthoor, F. *see* Wuytack, S. 21437
Cattrall, D.M. *see* Burn-Thornton, K.E. 35414
Catunda, T. *see* Pilla, V. 33670
Caturla, M.-J., Diaz de la Rubia, T., Jaraiz, M., Gilmer, G.H. Atomic scale simulations of arsenic ion implantation and annealing in silicon 12662
Caturla, M.-J. *see* Bedrossian, P.J. 22533
Caturla, M.-J. *see* Diaz de la Rubia, T. 54026
Caturla, M.-J. *see* Marques, L.A. 673
Caturla, M.J. *see* Averback, R.S. 12659
Cau, G. *see* Carapellucci, R. 19578
Caudal, G. *see* Hauser, D. 38082
Caudano, R. *see* Guyaux, J.-L. 2120
Caudano, R. *see* Thielen, A. 54312
Caudle, S.E. Survey of Internet telemetry applications 16238
Cauffiel, D. *see* Porter, A.L. 115
Caughey, D.A., Kirlin, R.L. Blind deconvolution of echosounder envelopes 28662
Caulcutt, A. *see* Maton, J. 53757
Caulcutt, R. Statistical process control (SPC) 9997
Caulfield, D.D., Filkins, J., McGee, R. Calibration and multiple sound sources in marine geotechnical pollution surveys in rivers 50215
Caulfield, H.J. Synergistic manufacturing 24292
Caulfield, H.J., Kukhtarev, N., Kukhtareva, T., Schamschula, M.P., Banarjee, P. One-, two-, and three-beam, optical complexity effects in photorefractive materials 24144
Caulfield, H.J., Moreno, I., Campos, J., Yzuel, M.J. Coherent recognition of colored patterns 15838
Caulfield, H.J. *see* Fu, J. 33114
Caulfield, H.J. *see* Kinser, J.M. 25655
Caulfield, H.J. *see* Kukhtarev, N. 13540
Caulfield, H.J. *see* Kukhtarev, N. 14450
Caulfield, H.J. *see* Kukhtarev, N. 24269
Caulfield, H.J. *see* Noginov, M.A. 14266
Caulfield, H.J. *see* Noginova, N. 14441
Caulfield, H.J. *see* Noginova, N. 14461
Caulfield, H.J. *see* Noginova, N.E. 14455
Caulfield, H.J. *see* Simmons, P. 24994
Caulfield, H.J. *see* Volodin, B.L. 4103
Caulfield, H.J. *see* Volodin, B.L. 14453
Caulfield, J. *see* Horwitz, J.S. 40623
Caulfield, J. *see* Williams, E. 50262
Caulfield, J.H. *see* Zalevsky, Z. 46012
Caulfield, T. *see* Malfatt, R. 20863
Caulier, P., Houriez, B. Incident case reusing in telephone traffic control 57759
Caunce, B.R.J. *see* Southern, E.P. 19423
Caurant, D., Baffier, N., Garcia, B., Pereira-Ramos, J.P. Synthesis by a soft chemistry route and characterization of $LiNi_xCo_{1-x}O_2$ ($0 \leq x \leq 1$) cathode materials 38944
Causey, R.T., Barry, J.R. The impact of carrier frequency offset on second-order algorithms for blind channel identification and equalization 5681
Caussignac, J.-M. *see* Teral, S.R. 17457
Caussignac, J.M. *see* Barbachi, M. 17455
Cautaeris, V., Richardson, D.J., Paschotta, R., Harma, D.C. Stretched pulse Yb^{3+}:silica fiber laser 55521
Cauwenberghs, C. *see* Edwards, R.T. 1631
Cauwenberghs, G. Analog VLSI long-term dynamic storage 1638
Cauwenberghs, G. Adaptation, learning and storage in analog VLSI 11615
Cauwenberghs, G. *see* Edwards, R.T. 53472
Cauwenberghs, G. *see* Edwards, T. 36451
Cauwenberghs, G. *see* Kumar, N. 8066
Cauwenberghs, G. *see* Kumar, N. 34884
Cava, F.La *see* La Cava, F.
Cava, R.J., Peck, W.F., Jr, Krajewski, J.J., Roberts, G.L., Barber, B.P., O'Bryan, H.M., Gammel, P.L. Improvement of the dielectric properties of Ta_2O_5 through substitution with Al_2O_3 43422
Cavadini, M. *see* Wosnitza, M. 1454
Cavaggion, C. *see* Bortolan, G. 49684
Cavagnaro, M., Plea, S. Simulation of cellular phone antennas by using inductive lumped elements in the 3D-FDTD algorithm 26646
Cavagnero, G. *see* Bergamin, A. 37573
Cavagnero, G. *see* Cordiali, L. 24313
Cavailler, C. *see* Dupuis, V. 7838
Cavalcabo, G. *see* Andreoni, A. 3739
Cavalcante, F., Mello, A., Stephan, R., Americo, M. Harmonic effects on electrical measurement instruments 7486
Cavalcante, G.P.D.S. *see* De Souza, D.C. 34081
Cavalcante, G.P.S. *see* Custodio, A.C.S. 45131
Cavalcanti, F.R.P., Mota, J.C.M. A predictive blind equalizer based in Godard's criterion for 256-QAM digital radio systems 6456
Cavaleiro, P.M. *see* Baptista, J.M. 7371
Cavalier, D.J. *see* Hall, D.K. 18892
Cavalieri, D.J. *see* Markus, T. 8486
Cavalieri, D.J. *see* St. Germain, K.M. 8485
Cavalieri, S., Di Stefano, A., Lo Bello, L., Mirabella, O. Petri net-based performance evaluation of asynchronous traffic management in FieldBus 6048
Cavalieri, S., Di Stefano, A., Lo Bello, L., Mirabella, O. Performance evaluation of FDDI-based fieldbus interconnection in factory automation environment 6263
Cavalieri, S., Di Stefano, A., Lo Bello, L., Mirabella, O. Jitter-based policies to improve asynchronous bandwidth exploitation in fieldbus communication systems 47059
Cavalieri, S., Di Stefano, A., Lo Bello, L., Mirabella, O. CAN assessment in time-critical cyclic applications through Petri net model 47060
Cavalieri, S., Mirabella, O. A PN-based scheduler for a flexible semiconductor manufacturing system 10040
Cavalieri, S., Mirabella, O. Enhancing performance in FieldBus communication systems 16298
Cavallari, F. *see* Baccaro, S. 37459
Cavallari, G. *see* Alessandria, F. 49017
Cavallaro, A. *see* Montagna, R. 46979
Cavallaro, J.J. *see* Moore, F.W. 8247
Cavallaro, J.R. *see* Erdelyi, M. 2504
Cavallaro, J.R. *see* Erdelyi, M. 42848
Cavallaro, J.R. *see* Harpel, B.M. 52345
Cavallaro, J.R. *see* Sengupta, C. 2513
Cavallaro, J.R. *see* Sengupta, C. 25884
Cavallaro, R. The FoxTrax hockey puck tracking system 48223
Cavallaro, S. *see* Aiello, S. 1483
Cavallaro, S. *see* Freni, S. 29598
Cavallaro, S. *see* Rovelli, A. 49146
Cavallaro, Sl. *see* Aiello, S. 49328
Cavalli, A., Fouchal, H., Kim, S.U., Maigron, P. An integrated tool for LOTOS development 46765
Cavalli, A.R., Favreau, J.P., Phalippou, M. Standardization of formal methods in conformance testing of communication protocols 25929
Cavalli, A.R. *see* Chin, B.-M. 46760
Cavalli-Sforza, M. *see* Abe, K. 37234
Cavallin, G. *see* Bonelli, P. 38207
Cavallini, A., Montanari, G.C. A deterministic/stochastic framework for power system harmonics modeling 50308
Cavallini, A. *see* Castaldini, A. 31826
Cavallini, A. *see* Castaldini, A. 32188
Cavallini, A. *see* Nava, F. 59213
Cavallini, A. *see* Nava, F. 59280
Cavallini, A. *see* Quaranta, A.A. 37329
Cavallini, F. *see* Carcione, J.M. 24438
Cavallo, N. *see* Adam, A. 37280
Cavallo, N. *see* Aloisio, A. 37491
Cavallo, N. *see* Paolucci, P. 37242
Cavalloro, P. *see* Bombana, M. 41224
Cavallotti, P.L. *see* Zangari, G. 3144
Cavanagh, G.H. *see* Butler, J.L. 18966
Cavanagh, M., Jain, V.K. Multiplierless neural networks for application to digital video 25750
Cavanna, A. *see* Etienne, B. 810
Cavanna, A. *see* Sauvage-Simkin, M. 2040
Cavasin, D. Thermosonic wire bond process characterization using a machine vision based coordinate measurement system 31651
Cavassilas, J.-F. *see* Grandchamp, M. 48037
Cavazos, T.C., Fleddermann, C.B. Electron emission from ceramic materials produced by phase transitions 1701
Cavazza, M., Pouteau, X., Pernel, D. Multimodal communication in virtual environments 57994
Cavdar, I.H., Erdogdu, K., Dinc, G. Measurements and modeling of mobile satellite propagation 4258
Cave, J., Willen, D., Zhu, W., Roberge, R. Superconducting ceramics for power engineering applications 38377
Cave, M., Crowther, P. Determining the level of regulation in EU telecommunications: a preliminary assessment 26002
Cavecy, K.H. *see* Masterson, K.D. 56160
Cavenago, M. Optimization of ion source extraction and transport with symbolic manipulation programs: electrostatic lenses formulas 37202
Cavenago, M. Final installation of the Alice ECR ion source 49292
Cavenago, M., Moisio, M.F. Miniature induction oven for ion sources optimisation 49291
Cavenago, M. *see* Iatrou, C.T. 45289
Cavenago, M. *see* Lombardi, A. 37117
Cavendish, D., Oie, Y., Takine, T. On an extension of leaky bucket algorithm: leaky bucket algorithm with multiple token rates 46598
Cavenett, B.C., Thompson, P.J., Wang, S.Y., Prior, K.A. II-VI semiconductor optical switches, modulator and waveguide devices 23709
Cavenett, B.C. *see* Meredith, W. 33558
Caverly, R.H. Technology-based analog and digital microsystem design 20509

Cavers, J.K., Jae Hyung Kim, Ho, P.K.M. Exact calculation of the union bound on performance of trellis coded MPSK in fading channels 45613
Cavers, J.K. *see* Grant, S.J. 47763
Cavicchi, B.T. *see* Chiang, P.K. 37980
Cavicchi, R.E. *see* Semancik, S. 10923
Cavicchi, T.J. Multiple reactions in inductors 30049
Caviglia, D.D. *see* Motta, L. 31063
Caviglia, F. *see* Tofanelli, A. 26393
Cavignet, P. *see* Bathelon, L. 36147
Cavin, R.K., III. *see* Moyer, G.C. 40943
Cavins, C. *see* Luderman, B.L. 11451
Cavone, G. *see* Andria, G. 7519
Cavouras, D., Kandarakis, I., Panayiotakis, G., Nomicos, C. X-ray detection and optical signal properties of Gd_2O_2S:Tb, La_2O_2S:Tb and ZnSCdS:Ag phosphors for use in digital mammography 28276
Cavouras, D., Kandarakis, I., Panayiotakis, G.S., Evangelou, E.K., Nomicos, C.D. An evaluation of the Y_2O_2:Eu^{3+} scintillator for application in medical X-ray detectors and image receptors 8027
Cavouras, D., Prassopoulos, P., Golfinopoulos, S. Computer software system for discriminating on CT the patterns of subarachnoid spaces enlargement in children 28275
Cavouras, D. *see* Kandarakis, I. 28290
Cavus, A. *see* Snoeks, E. 52685
Cavus, A. *see* Tamargo, M.C. 21243
Cavus, A. *see* Yongming Guo 44453
Cawley, K. Power supply transient response considerations for testing portable wireless devices 29425
Cawley, P., Hosten, B. The use of large ultrasonic transducers to improve transmission coefficient measurements on viscoelastic anisotropic plates 38142
Cawley, P. *see* Drinkwater, B. 52919
Cawsey, D.C. Influencing the future through innovations in environmental engineering education 30036
Cawte, H. *see* Sanders, D.A. 59822
Caylor, I.J. *see* Bidwell, S.W. 8436
Caylor, T.L. *see* Dahlen, N.J. 48168
Caylor, T.L. *see* Patterson, R.A. 27615
Caymax, M. *see* Ohyama, H. 22761
Caymax, M. *see* Ohyama, H. 42920
Caymax, M. *see* Vermeulen, T. 39027
Cayrel, M., Paquin, R.A., Parsonage, T.B., Stanghellini, S., Dost, K.H. Use of beryllium for the VLT secondary mirror 33194
Cayseele, P.Van *see* Van Cayseele, P.
Cayson, S.C. *see* Berry, R.P. 12041
Cayton, T.E. *see* Meier, M.M. 28610
Cazaban, F., Le Roy, Y., Planes, J.G., Deschaux-Beaume, M. SAR image simulation with LOCOSAR: application to moving targets and raw data compression analysis 27024
Cazarre, A. *see* Andrieux, L. 11705
Cazaux, J.-L., Pouysegur, M., Orsini, M., Rivierre, B., Soulard, M., Floury, G. MMIC's are now effective in space programs 59897
Cazaux, J.L. *see* Suinot, N. 16928
Cazes, S. *see* Cesarsky, C.J. 36548
Cazzanelli, M. *see* Pavesi, L. 44208
Cazzani, S. A 16-bit microcontroller for all applications 1429
Cazzani, S. A quick answer for multimedia terminals 6377
Cazzani, S. Synchronization of telecommunications networks by GPS 26012
Cazzani, S. High-speed telemetering by radio 26079
Cazzani, S. Where are the radio bridges going? (Developments in radio systems and networks) 26515
Cazzani, S. World-wide radio by satellite 26665
Cazzani, S. The control of temperature in working spaces 30218
Cazzani, S. EVC–a new connector for video multimedia 31564
Cazzani, S. Control of induction motors up to 11 kW by compact modules 51643
Cazzani, S. A RISC 32 bit low power consumption microcontroller with 16 bit bus 53339
Cazzaniga, F. *see* Polignano, M.L. 31771
Cazzaniga, G., Monti Guarnieri, A. Removing RF interferences from P-band airplane SAR data 8332
Ce-Wen Nan, Clarke, D.R. Effect of variations in grain size and grain boundary barrier heights on the current-voltage characteristics of ZnO varistors 22904
Cea, S., Law, M. Three dimensional nonlinear viscoelastic oxidation modeling 12778
Cebollada, F. *see* de Julian, C. 23289
Cebrian De Barrio, E., Mustieles Moreno, Fco.J. Deterministic particle simulation of multiheterojunction bipolar semiconductor devices: the semiclassical case 12895
Cebulla, M. *see* Sturzebecher, E. 59565
Cebulla, R. *see* Ellimer, K. 39093
Cecati, C., Guidi, G., Marinelli, F. An adaptive nonlinear control algorithm for induction motors 38745
Cecati, C., Quintiliani, A., Rotondale, N. A low cost induction motor drive based on the passivity theory approach 29739
Ceccarelli, M., Farina, A., Petrosino, A. Fuzzy unsupervised terrain classification based on a multiresolution approach 60015
Ceccarelli, M., Petrosino, A. Multi-feature adaptive classifiers for SAR image segmentation 46336
Ceccarelli, M., Petrosino, A., Farina, A. Recognition of terrain classes in SAR images based on fuzzy methods and multichannel texture analysis 57074
Ceccarelli, R. *see* Bedini, R. 49682
Ceccherini, P. *see* Giammanco, F. 55901
Ceccherini, P.V. Giuseppe Tallini (1930-1995) 373
Cecchi, C., Field, J.H., Kawamoto, T. Beam energy measurement at LEP2 using Møller scattering 59168
Cecchi, M.Morandi *see* Morandi Cecchi, M.
Cecchi, P. *see* Baldini, F. 59544
Cecchini, S., Dekhissi, H., Garutti, V., Giacomelli, G., Katsavounidis, E., Mandrioli, G., Margiotta-Neri, A.R., Patrizii, L., Popa, V., Serra, P., Spurio, M., Togo, V., Valdre, U., Vilela, E. Calibration with relativistic and low-velocity ions of a CR39 nuclear track detector 7822
Cecco, V.S. *see* Obrutsky, L.S. 40704
Ceccucci, A. The NA48 liquid krypton calorimeter project 37244
Cecelja, F. *see* Bordovsky, M. 36487
Cecere, M.L., III Integrated electric power for the US Navy 29815
Cech, V. Determination of the bulk density of states in a-Si:H by steady-state SCLC 22275
Cechan Tian, Pengqian Wang, Taoheng Sun Generation of tunable coherent VUV radiation by four-wave sum-mixing in Ne* 3990
Cechan Tian, Taoheng Sun Amplification of high-harmonic radiation by X-ray amplifiers 23745
Cechan Tian *see* Tian Cechan
Ceci, N. *see* Boggia, A. 49136
Cecic, M. *see* Zanchi, V. 37697
Cedeno, J.R. *see* Sebo, S.A. 32736
Ceder, G. *see* Lee, J.-R. 41912
Cederberg, R.J., Collins, M.D. Application of an improved self-starter to geoacoustic inversion 50084
Cedercreutz, K., Lesniak, P.A. Implementation of a project based curriculum in production management 39637
Cederkaell, J., Cederwall, B., Johnson, A., Palacz, M. Relative enhancement of weak two-neutron exit channels in heavy-ion induced fusion-evaporation reactions 37466
Cederkaell, J. *see* Palacz, M. 37539
Cedervall, M., Moses, R.L. Decoupled maximum likelihood angle estimation for coherent signals 15190
Cedervall, M., Moses, R.L. Efficient maximum likelihood DOA estimation for signals with known waveforms in the presence of multipath 45760
Cedervall, M., Stoica, P., Moses, R. MODE-type algorithm for estimating damped, undamped or explosive modes 15184
Cedervall, M. *see* Boon Chong Ng 46530
Cederwall, B. *see* Cederkaell, J. 37466
Cedilnik, G. *see* Shamonina, E. 33611
Cee, C.N.P. *see* Brawn, I. 59325
Cee, R. *see* Madert, M. 49186
Cefai, J.J. *see* Barrow, D.A. 28694
Cehan-Racovita, M. An improved boundary element method with FEM facilities 44908
Cei Yu *see* Xiao Wen 48610
Cekorich, A. *see* Bush, J. 48617
Cel, J. A converse of dual Tellegen's theorem 31031
Cel, J. A converse of Tellegen's theorem 31032
Cela, A., Hamam, Y., Carriere, A. Modeling and control of a multimachine power system 60266
Celandroni, N., Ferro, E., Potorti, F. Demand assignment TDMA satellite schemes: distributed and centralised solutions 6680
Celano, L., Creanza, D., De Palma, M., Maggi, G., Fiore, L., Paticchio, V., Raso, G., Selvaggi, G., Silvestris, L., Tempesta, P. A high resolution beam telescope built with double sided silicon strip detectors 18094
Celano, L. *see* Colonna, N. 37521
Celaschi, S. *see* de Araujo, M.T. 33659
Celata, C.M., Amman, M., Donahue, R., Leung, K., Luke, P.N., Perkins, L.T., Zawislanski, P.T., Greenspan, E., Hua, D., Karni, Y. A new intense neutron generator and high-resolution detector for well logging applications 60027
Celata, C.M., Chupp, W., Faltens, A., Fawley, W.M., Ghiorso, W., Hahn, K.D., Henestroza, E., Judd, D., Peters, C., Seidl, P.A. Transverse combining of four beams in MBE–4 59132
Celata, C.M. *see* Haber, I. 18035
Celebi, M.E., Guzelis, C. Image restoration using cellular neural network 25534
Celebi, S., Principe, J.C. Analysis of the time-frequency representation using the Gamma filter 24940
Celebic, A. *see* Vojvodic, D. 37696
Celeghin, L. *see* Calvagno, G. 56734
Celeiro, F., Dias, L., Ferreira, J., Santos, M.B., Teixeira, J.P. Defect-oriented IC test and diagnosis using VHDL fault simulation 40974
Celenk, M. Textured surface identification in noisy color images 5208
Celenk, M. Hierarchical color clustering for segmentation of textured images 46207
Celenk, M., Wu, J. Color image coding using block truncation and vector quantization 15622
Celi, A.M. Conversion, separation, waste disposal and recovery of metals, plastics and chemicals 10224
Celi, D. *see* Sadovnikov, A.D. 2598
Celiberto, R., Capitelli, M., Lamanna, U.T., Janev, R.K. Electron molecule cross sections relevant to negative ion sources and divertor plasmas 37174
Celii, F.G., Kao, Y.-C., Liu, H.-Y. In situ composition monitoring of InGaAs/InP using quadrupole mass spectrometry 12348
Celik, A. *see* Datta, A. 57863
Celik, M., Atalar, A., Tan, M.A. A new method for the steady-state analysis of periodically excited nonlinear circuits 11159
Celik, M., Cangellaris, A.C. A general dispersive multiconductor transmission line model for interconnect simulation in SPICE 11122
Celik, M., Cangellaris, A.C. Simulation of dispersive multiconductor transmission lines by Pade approximation via the Lanczos process 21460
Celik, M., Cangellaris, A.C. A general-purpose SPICE model for multiconductor transmission lines 45283
Celik, M. *see* Huang, C. 199
Celik, V. *see* Vengalis, B. 41385
Celik-Butler, Z. *see* Butler, D.P. 48647
Celik-Butler, Z. *see* Shan, P.C. 7335
Celikel, A. *see* Atag, S. 17963
Celina, M. *see* Kudoh, H. 59842
Celka, P., Hasler, M.J., Azizi, A. Analysis and linearization of a broadband microwave phase modulator using Volterra system approach 11712
Cella, G. *see* Luiten, A.N. 48500
Cella, N., El Rhaleb, H., Roger, J.P., Fournier, D., Anger, E., Gicquel, A. Ex-situ spectroscopic ellipsometry studies of micron thick CVD diamond films 12186
Cellai, L. Custom robot speeds up active array testing of Globalstar satellites 45434
Cellai, L. A practical method to calculate group delay flatness by scalar instrumentation 58967
Celler, B. *see* Dokos, S. 49723
Celli, G., Mocci, F., Muscas, C., Pilo, F. Planning optimization in urban and rural networks: comparison of optimization techniques applicable to real size distribution systems 19314
Cellier, F.E. *see* Borutzky, W. 21083
Cellini, C. *see* Bianconi, M. 54356
Celona, L. *see* Ciavola, G. 49152
Celozzi, S., D'Amore, M. Shielding performance of ferromagnetic cylindrical cans 45235
Celozzi, S., Orlandi, A. Efficient modeling of transmission line networks discontinuities 45267
Celuch-Marcysiak, M., Kozak, A., Gwarek, W.K. A new efficient excitation scheme for the FDTD method based on the field and impedance template 34158
Celuch-Marcysiak, M. *see* Novikova, I. 31457
Celustka, B. *see* Kranjcec, M. 33167
Cemes, R. *see* Ait-Boudaoud, D. 25185
Cempel, C., Natke, H.G., Tabaszewski, M. A passive diagnostic experiment with ergodic properties 59021
Cen, S.W. *see* Schouten, T.E. 56608
Cen Li *see* Fang Feng 57578
Cena, G., Demartini, C., Durante, L. Communication service and protocol specification using object oriented analysis 5884
Cencelli, V.Orsolini *see* Orsolini Cencelli, V.
Cencellli, V.O. *see* Lamedica, R. 19248
Cendes, Z. *see* Anderson, B. 32880
Cendes, Z. *see* Jain, N. 39778
Cendes, Z. *see* McDermott, T.E. 44936
Ceng, M.S., Devereux, H. VIDEQUAL. A tool for quantitative measurement of fixed CCTV surveillance systems 48242
Cengher, D. *see* Buda, M. 44538
Cengher, M. *see* Presura, R. 23192
Cenian, A., Chernukho, A., Kukiello, P., Zaremba, R., Borodin, V., Sliwinski, G. Improvement of self-regeneration of gas mixtures in a convection-cooled 1.2 kW CO_2 laser 55509
Cennamo, F. *see* Arpaia, P. 17480
Cennamo, F. *see* Arpaia, P. 58646
Censor, D., Fox, M.D. Polarimetry in the presence of various external reflection and retrodirection mirroring mechanisms, for chiral and gyrotropic media 55994
Censor, Y. *see* Stricker, J. 15959
Centanni, J. *see* Giles, C.R. 58378
Centanni, J.C. *see* Dentai, A.G. 55424
Centanni, J.C. *see* Zirngibl, M. 36124
Centen, P.G.M. *see* Stoldt, H. 48230
Centeno, V., Phadke, A.G., Edris, A., Benton, J., Gaudi, M., Michel, G. An adaptive out-of-step relay [for power system protection] 28935
Centurioni, L. *see* Motori, A. 19347
Cenys, A. *see* Tamasevicius, A. 1160
Cenys, A. *see* Tamasevicius, A. 34585
Cenys, A. *see* Tamasevicuius, A. 40954
Cenys, A. *see* Ulbikas, J. 28369
Cepec, M. *see* Debevc, N. 6170
Cepin, N., Mavko, B. Surveillance test interval optimization for nuclear power plant based on probabilistic safety assessment 19453
Ceradini, F. The DAΦNE φ-factory: programme and status 37419
Ceradini, F. *see* Andryakov, A. 37226

Cerasari, S. *see* Coluzza, C. 2242
Cerati, R. *see* Steffenino, G. 8185
Cercek, M. *see* Gyergyek, T. 31138
Cerda, L., Casals, O. Improvements and performance study of the conformance definition for the ABR service in ATM networks 35383
Cerdan, S. *see* Gray, H.F. 59482
Cerdeira, A., Estrada, M. Analytical expressions for the calculation of pixel detector capacitances 37404
Cerdeira, J.O. *see* Baas, S.M. 441
Cerdonio, M. *see* Cantatore, G. 27512
Cerello, P. *see* Agnello, M. 37458
Cerello, P. *see* Botta, E. 37492
Ceremuga, J. *see* Krupka, J. 41427
Cerez, P. *see* Selo, G. 48322
Cerezo Restrepo, J.H. *see* Nicholls Posada, J.C. 28956
Cerf, V.G. *see* Leiner, B.M. 47137
Cergel, A. *see* Beker, U.G. 29130
Ceriani, M. *see* Borsetto, M. 1891
Cerisier, J.-C. *see* Andre, R. 38058
Cerisier, J.C. *see* Parrot, M. 48197
Cerjak, I. *see* Adam, A. 37280
Cerjak, I. *see* Brock, I.C. 37039
Cermak, G.W., Teare, S.K., Tweedy, E.P., Stoddard, J.C. Consumer acceptance of MPEG2 video at 3.0 to 8.3 Mbit/s 35856
Cermak, J. A GPS parallel common-view experiment 26675
Cernat, M. *see* Nicolaide, A. 60449
Cernicharo, J. *see* Pardo, J.R. 38066
Cernosek, R.W. *see* Luklum, R. 48933
Cerny, C. *see* Schuermeyer, F. 54702
Cerny, C. *see* Silkowski, E. 12621
Cerny, C.L.A. *see* DeSalvo, G.C. 12761
Cerny, E. *see* Abderrahman, A. 22924
Cerny, E. *see* Langevin, M. 5848
Cerny, J.C. *see* Qun Chen 28411
Cerofolini, G.F. *see* Ghislotti, G. 54273
Cerqua-Richardson, K. *see* Hach, C.T. 55157
Cerrada, C. *see* Adan, A. 57120
Cerrada, M. *see* Adam, A. 37280
Cerrada, M. *see* Berdugo, J. 37448
Cerrai, T. *see* Morales, M.A. 49530
Cerre, N., Taufflieb, E., Joulin, D., Martin, P., Lefevre, H.C. Add/drop wavelength multiplexer using fiber gratings and side-polished coupler 26688
Cerre, N. *see* Gaiffe, T. 27632
Cerretelli, P. *see* Anderson, L.E. 38257
Cerri, G., De Leo, R., Primiani, V.M. An EMC introductory short course 4283
Cerri, J.A. *see* Muccillo, R. 21223
Cerrina, F. *see* Dicks, G. 42888
Cerrina, F. *see* Hector, S. 32290
Cerrina, F. *see* Laudon, M. 42885
Cerrina, F. *see* Ocola, L.E. 22721
Cerro, F.M.del *see* del Cerro, F.M.
Cerron Zeballos, E., Crotty, I., Hatzifotiadou, D., Lamas Valverde, J., Veenhof, R.J., Williams, M.C.S., Zichichi, A. Avalanche fluctuations within the multigap resistive plate chamber 37278
Certon, D. *see* Levassort, F. 54914
Cerullo, G. *see* Magni, V. 3756
Cerutti, S. *see* Liberati, D. 49718
Cerutti, S. *see* Mainardi, L.T. 37597
Cerutti, S. *see* Mainardi, L.T. 59391
Cerutti, S. *see* Porta, A. 37816
Cerva, H. *see* Kappelt, M. 40652
Cerva, H. *see* Kappelt, M. 52612
Cerva, H. *see* Reindl, T. 10914
Cervellera, F. *see* Dainelli, A. 49138
Cervellera, F. *see* Lombardi, A. 37117
Cervellera, F. *see* Spolaore, P. 23207
Cervelli, F. Status of DAΦNE and KLOE 7696
Cervelli, F., Ferrari, A., Lomtadze, T.A., Massai, M.M. A new "hybrid" gas chamber for simplified vertex detectors 37455
Cerven, I. *see* Buc, D. 10825
Cervenka, D. *see* Brown, B.R. 5933
Cerveny, D.C. *see* Lucca, A.M. 30232
Cervera, M., Climent-Font, A., Garrido, J., Martinez, J., Perriere, J. Scanning electron beam annealing of sputter-deposited titanium on silicon 12618
Cervera, M.A., Elford, W.G., Steel, D.I. A new method for the measurement of meteor speeds: the pre-t_0 phase technique 58515
Cervera, M.A. *see* Taylor, A.D. 48203
Cervera, M.A. *see* Valentic, T.A. 18854
Cerveri, P. *see* Borghese, N.A. 49567
Cesar, C.L. *see* Liu, Y. 2158
Cesar, C.L. *see* Reynoso, V.C.S. 2159
Cesar, R.M., Jr., Costa, L.D.F. Shape characterization by using the Gabor transform 46478
Cesar, R.M., Jr., da Fontoura Costa, L. Shape characterization in natural scales by using the multiscale bending energy 5288
Cesar, R.M., Jr. *see* Antoine, J.-P. 56778
Cesarano, A. *see* Bellia, L. 20213
Cesare, A.De *see* De Cesare, A.
Cesare, G.De *see* De Cesare, G.
Cesare, P.Di *see* Di Cesare, P.
Cesareo, R., Gigante, G.E., Canegallo, P., Castellano, A., Iwanczyk, J.S., Dabrowski, A. Applications of non-cryogenic portable EDXRF systems in archaeometry 37562
Cesareo, R. *see* Rao, D.V. 18161
Cesareo, R. *see* Rao, D.V. 59355
Cesari, S., Sciarra, S., Colla, F., Scarafiotti, P. Evaluation of new fluid impregnated all film power capacitor performance 29519
Cesario, P. *see* Carpita, M. 51788
Cesario, P. *see* Carpita, M. 51806
Cesarsky, C.J., Abergel, A., Agnese, P., Altieri, B., Augueres, J.L., Aussel, H., Biviano, A., Blommaert, J., Bonnal, J.F., Bortoletto, F., Boulade, O., Boulanger, F., Cazes, S., Cesarsky, D.A., Chedin, A., Claret, A., Combes, M., Cretolle, J., Davies, J.K., Desert, F.X., Elbaz, D., Engelmann, J.J., Epstein, G., Franceschini, A., Gallais, P., Gastaud, R., Gorisse, M., Guest, S., Hawarden, T., Imbault, D., Kleczewski, M., Lacombe, F., Landriu, D., Lapegue, J., Lena, P., Longair, M.S., Mandolesi, R., Metcalfe, L., Mosquet, N., Nordh, L., Okumura, K., Ott, S., Perault, M., Perrier, F., Persi, P., Puget, P., Purkins, T., Rio, Y., Robert, T., Rouan, D., Roy, A., Saint-Pe, O., Lone, J.S., Sargent, A., Sauvage, M., Sibille, F., Siebenmorgen, R., Sirou, F., Soufflot, A., Starck, J.L., Tiphene, D., Tran, D., Ventura, G., Vigroux, L., Vivares, F., Wade, R. ISOCAM in flight 36548
Cesarsky, D.A. *see* Cesarsky, C.J. 36548
Cescato, L. *see* Lima, C.R.A. 44603
Cescato, L.H.D. *see* Lima, C.R.A. 4152
Cesile, M.C. *see* Larciprete, R. 800
Cespedes, I. *see* Varghese, T. 28091
Cesteros, A.M.F.-P., de las Mercedes Gomez Albarran, M., Perez, J.M.S. A routing strategy based on genetic algorithms 21456
Cesura, G., Koffeman, E., Lutz, G. Improvement of efficiency and occupancy performance by cluster threshold in Si-strip detector readout 59256
Cesura, G. *see* Baschirotto, A. 53425
Cetas, T.C. *see* van Wieringen, N. 8135
Cetin, A.E., Gerek, O.N., Yardimci, Y. Equiripple FIR filter design by the FFT algorithm 45891
Cetin, A.E. *see* Gerek, O.N. 57463
Cetin, A.E. *see* Nafi Gurcan, M. 35367
Cetin, A.Enis *see* Enis Cetin, A.
Cetintas, M. *see* Gamidov, R. 27890
Ceton, R., Goodner, R., Fourmun Lee, Ping Wang Comparison of patterned wafer defect detection tools for general in-line monitors 30362
Cetronio, A. *see* Fumi, F. 54820
Ceuninck, W.De *see* De Ceuninck, W.
Cevenini, F., Passeggio, G. Meccanica della cavita ottica del laser ad elettroni liberi sul linac S.C. LISA (Mechanics of the optical cavity of the free electron laser with the S.C. linac LISA) 14219
Cevenini, G. *see* Barbini, P. 25514
Cevik, M. *see* Buyukaksoy, A. 56023
Ceysson, O., Risson, T., Salvia, M. Carbon fibres: sensor components for smart materials 11005
Cezon, J. *see* Garcia, O. 1127
Cha, B.C., Choi, S.W., Kim, J.M., Cho, H.J., Sohn, J.M. Resolution enhancements with thin Cr for chrome mask making 22635
Cha, C.Y., Weaver, J.H. Layer-by-layer removal of GaAs(110) by bromine 22562
Cha, D.H. *see* Kang, H.Y. 2495
Cha, G. *see* Lee, B.H. 21661
Cha, G.S. *see* Sakong, D.S. 7457
Cha, H.-C., Han, K.-J. A pre-negotiation dynamic bandwidth management algorithm for ATM connectionless service 46602
Cha, I.S. *see* Baek, H.L. 50977
Cha, J.W. *see* Kwon, T.Y. 44728
Cha, K. *see* Ingram, D.L. 43122
Cha, M. *see* Ju, J.J. 24240
Cha, M. *see* Kwon, T.Y. 44728
Cha, M.J. *see* Sakong, D.S. 7457
Cha, M.S. *see* Bai, D.S. 52330
Cha, S.-Y. *see* Lee, S.-H. 1410
Cha, Y.S., Niemann, R.C., Hull, J.R., Youngdahl, C.A., Lanagan, M.T., Nakade, M., Hara, T. Liquid helium boil-off measurements of heat leakage from sinter-forged BSCCO current leads under DC and AC conditions 32954
Cha, Y.S., Yang, Z.J., Evans, D.J., Hull, J.R. Induced current in a $Bi_2Sr_2CaCu_2O_x$ superconductor tube 43760
Cha, Y.S. *see* Niemann, R.C. 39255
Cha, Y.S. *see* Niemann, R.C. 39256
Cha Byung Heon *see* Byung Heon Cha
Cha Chuan-Sin *see* Chuan-Sin Cha
Cha Do Kun *see* Do Kun Cha
Cha Giho *see* Giho Cha
Cha Gueesoo *see* Gueesoo Cha
Cha Hungse *see* Hungse Cha
Cha Hwan Oh *see* Young Ho Park 3948
Cha Il-Whan *see* Ju Kyoung-Hwan 34838
Cha In-Su *see* In-Su Cha
Cha Inhyok *see* Inhyok Cha
Cha Jianguo Algebra automorphisms of the quantized enveloping algebra $U_z(sl_2)$ at generic 30410
Cha Jin-Jong *see* Jin-Jong Cha
Cha Ju-Youn *see* Ju-Youn Cha
Cha Keon Cheong, Aizawa, K. Structural motion segmentation based on probabilistic clustering 56782
Cha Kwang-Hoon *see* Kwang-Hoon Cha
Cha Yeon Kim *see* Bae Ho Park 52676
Cha Young-Wook *see* Young-Wook Cha
Cha-Ching Chu *see* Hsu, I.C. 18053
Cha-Mei Tang, Swyden, T.A., Thomason, K.A., Yadon, L.N., Temple, D., Ball, C.A., Palmer, W.D., Mancusi, J.E., Vellenga, D., McGuire, G.E. Emission measurements and simulation of silicon field-emitter arrays with linear planar lenses 22149
Chaabane, H. *see* Gombia, E. 12519
Chaabane, L., Favre, B., Desgoutte, P., Deguin, A., Lapray, C., Briguet, A. A multiprobe magnetometer for analysis of local field distortions induced by pulsed gradients 48467
Chaabane, R.B. *see* Bouazizi, A. 27461
Chaabene, M., Annabi, M. A dynamic model for predicting solar plant performance and optimum control 60606
Chaari, A. *see* Loukil, I. 9208
Chaari, A. *see* Sayadi, M. 15288
Chaari, O. *see* Assef, Y. 50531
Chabal, Y.J. *see* Weldon, M.K. 22553
Chabal, Y.J. *see* Weldon, M.K. 32203
Chabal, Y.J. *see* Weldon, M.K. 42300
Chabal, Y.J. *see* Weldon, M.K. 54403
Chaban, E.E. *see* Weldon, M.K. 22553
Chaban, E.E. *see* Weldon, M.K. 32203
Chaban, E.E. *see* Weldon, M.K. 42300
Chaban, E.E. *see* Weldon, M.K. 54403
Chabassier, G. *see* Garret, T. 3940
Chabaud, F., Stern, J. The cryptographic security of the syndrome decoding problem for rank distance codes 14798
Chabernaud, C., Joubert, J.-L. The intelligent network: an essential enhancement of GSM 47610
Chabert, M., Tourneret, J.-Y., Castanie, F. Additive and multiplicative abrupt jump detection using the continuous wavelet transform 25147
Chabert, M., Tourneret, J.-Y., Castanie, F. Detection and estimation of multiplicative jumps using the continuous wavelet transform 34945
Chabert, M., Tourneret, J.-Y., Mesnager, G. Edge detection in speckled SAR images using the continuous wavelet transform 8331
Chabin, M. *see* Malki, E. 2901
Chaboki, A., Zelenak, S., Isle, B. Recent advances in electrothermal-chemical gun propulsion at United Defense, L.P 24431
Chaboudez, C., Clain, S., Glardon, R., Mari, D., Rappaz, J., Swierkosz, M. Numerical modeling in induction heating for axisymmetric geometries 39426
Chaboussant, G. *see* Crowell, P.A. 7291
Chabra, O.P., Bagawade, P.J., Anand, G.L., Rao, A.K.L. Certain aspects of absorption of moisture by electrical insulation of electrical machines and its deterioration and assessment 9180
Chabran, C. *see* Landais, P. 26746
Chabras, B. *see* Samou, J.C. 47278
Chabrerie, C. *see* Autran, J.L. 22841
Chabrerie, J.P. *see* Spataru, C. 22161
Chabrerie, J.P. *see* Spataru, C. 53946
Chabria, V. The Tektronix InstaVu data acquisition system 7492
Chaching Chu *see* Chu Chaching
Chachko, S.A. *see* Venda, V.F. 50721
Chacho, E.F., Jr. *see* Arcone, S.A. 50174
Chacko, J. *see* Iyer, I.S. 18070
Chacon M., O.L. *see* Vazquez M., E. 50652
Chadalavada, V., Vittal, V., Ejebe, G.C., Irisarri, G.D., Tong, J., Pieper, G., McMullen, M. An online contingency filtering scheme for dynamic security assessment 50361
Chadayammuri, P.G. A platform for building integrated telecommunications network management applications 5993
Chadband, R.G. *see* Belmont, M.R. 23109
Chadband, W.G. Electrical breakdown of liquid insulation 32741
Chadband, W.G. *see* Argirakis, I. 23139
Chadband, W.G. *see* Argirakis, I. 43446
Chadband, W.G. *see* Badent, A. 23150
Chadband, W.G. *see* Watson, P.K. 23121
Chadband, W.G. *see* Watson, P.K. 23128
Chadband, W.G. *see* Watson, P.K. 43548
Chadband, W.G. *see* Zinoulis, T. 23250
Chadband, W.G. *see* Zinoulis, T. 43549
Chaddah, P., Yadav, S.K., Ray, A.K. Recognition of human face using interconnection network 35175
Chaddah, P. *see* Bhagwat, K.V. 55133
Chaddha, N. Segmentation-assisted compression of multimedia documents 15514
Chaddha, N., Agrawala, M., Beers, A. Model-based compression for synthetic animations 57261
Chaddha, N., Diggavi, S. A frame-work for joint source-channel coding of images over time-varying wireless channels 57101
Chaddha, N., Gupta, A. Text segmentation using linear transforms 15513
Chaddha, N., Gupta, A. A frame-work for live multicast of video streams over the Internet 56716
Chaddha, N., Mehrotra, S., Gray, R.M. Finite state hierarchical table-lookup vector quantization for images 25378
Chaddha, N. *see* Beers, A.C. 14792
Chaddha, N. *see* Chen, X.C. 56787
Chaddha, N. *see* Namgoong, W. 26414
Chaddha, N. *see* Perlmutter, K.O. 25412
Chadha, D. *see* Kumar, P.R. 53532
Chadha, D. *see* Kumar, R.R. 21862
Chadha, M. *see* Wielopolski, L. 8121
Chadha, R. *see* Ein-Eli, Y. 60991
Chadha Bipin *see* Bipin Chadha

Chadwick, D.J., Wang, J.R. Using SIR-C SAR and Cloude's decomposition for the determination of soil moisture in vegetated areas 8509
Chadwick, J.R. *see* Wentworth, S.M. 41386
Chadwick, O.A. *see* Farr, T.G. 28605
Chae, H.-B. *see* Lee, S.-H. 5453
Chae, J.S. *see* Chang, G.S. 7073
Chae, K. *see* Amon, C. 258
Chae, Y.-C. *see* Cho, Y. 18067
Chae Byung Gyu *see* Byung Gyu Chae
Chae Chang Joon *see* Chang Joon Chae
Chae Hoon Lim, Pil Joong Lee Remarks on convertible group signatures of Asiacrypt'96 45536
Chae Hoon Lim, Pil Joong Lee Directed signatures and application to threshold cryptosystems 56282
Chae Kwang Pyo *see* Kwang Pyo Chae
Chae Ok Kim *see* Ki Hyung Kim 12166
Chae Ryong Cho *see* Byung Gyu Chae 23176
Chae Seung Soo *see* Seung Soo Chae
Chae Soo-Ik *see* Soo-Ik Chae
Chae Tak Lim *see* Kyo Il Chung 4630
Chae Tak Lim *see* Kyo Il Chung 56555
Chae Won-Seok *see* Won-Seok Chae
Chae Yong-Moo *see* Yong-Moo Chae
Chae-Tak Lim *see* Jung-Hoon Paik 58080
Chaehag Yi, Jae Hong Lee Hybrid ARQ scheme using interleaved Reed-Solomon codes in a power-controlled DS-CDMA cellular system 6535
Chaehag Yi, Jae Hong Lee Interleaving and decoding scheme for a product code for a mobile data communication 35965
Chafai, M. *see* Garcia, C. 12183
Chafee, S.S. Fundamental requirements of life cycle costing: projecting life cycle costs for electronic system modernization 39703
Chaffey, M.R. Ship to ROV telemetry for Tiburon 46997
Chagnard, C., Gilbert, P., Watkins, A.N., Beeler, T., Paul, D.W. An electronic oscillator with automatic gain control: EQCM applications 7288
Chagoyen, M. *see* Cristobal, G. 34994
Chahal, L.El *see* El Chahal, L.
Chahal, P., Tummala, R.R., Allen, M.G. Integrated capacitors using polymer-ceramic composites for MCM-L 53853
Chahine, R. *see* Gopal, B.R. 48375
Chahine, R. *see* Liu, X.Y. 55027
Chai, B.-B. *see* Zhuang, X. 57366
Chai, B.H.T. *see* Marshall, C.D. 14083
Chai, B.H.T. *see* Nicholls, J.F.H. 10805
Chai, C.C., Peng, J., Yan, B.P. Characterization of α-Fe_2O_3 thin films deposited by atmospheric pressure CVD onto alumina substrates 21337
Chai, C.C. *see* Tjhung, T.T. 45520
Chai, J. *see* Tello, R. 59524
Chai, J.-F., Wu, T.-T. Determination of surface wave velocities in a prestressed anisotropic solid 40734
Chai, L.-B., Silio, C.B., Jr. Voice packet transfer time on an integrated services MARILAN 35771
Chai, S. *see* Starzyk, J.A. 15710
Chai, S.M. *see* Wills, D.S. 3657
Chai, W. *see* Setoguchi, K. 11998
Chai, Y., Zhang, H., Zhou, B. Rate equation theory of semiconductor lasers with strongly coupled external cavity 33521
Chai Bing-Bing *see* Bing-Bing Chai
Chai Chun-Yi *see* Chun-Yi Chai
Chai Kiat Yeo, Ing Yann Soon Design of an intelligent, low-cost mini private automated branch exchange 35667
Chai Lee Byung *see* Byung Chai Lee
Chai Soh Yeng *see* Yeng Chai Soh
Chai Tianyou *see* Fan Jian 39260
Chai Tianyou *see* Fan Jian 51641
Chai Tianyou *see* Tianyou Chai
Chai Wah Wu *see* Tao Yang 56354
Chai Xiangdong *see* Wang Baohui 33232
Chai Yanjie *see* Yang Zhixing 6848
Chai Yuhe *see* Jia Jinghua 28968
Chai-Chang Liao *see* Liao Chai-Chang
Chaichimansour, M. *see* Yang, T. 55439
Chaika, A.N. *see* Ivanova, N.L. 3487
Chaiken, A. *see* Parsi, K. 3208
Chaiken, J. *see* Villarica, R.M. 13561
Chaikovskii, I.A. *see* Al'perovich, L.S. 54035
Chailan, J.F. *see* Kranbuehl, D. 11003
Chaillet-Subias, A. *see* Zamai, E. 48366
Chaillot, M. *see* Millerat, P. 60493
Chain, E.E. Automated metrology qualification strategy {IC measurement} 32518
Chain, E.E. Automated metrology for increased throughput and reliability 36437
Chain, E.E. Metrology automation reliability 39888
Chain, E.E., Griswold, M. In-line electrical probe for CD metrology 43193
Chain, E.E., Kulkens, L., Harris, T.A. Submicron calibration strategy for CD control 48328
Chain, E.E., Ridens, M.G., Annand, J.P. SPC qualification strategy for CD metrology 43206
Chain, K., Jian-Hui Huang, Duster, J., Ko, P.K., Chenming Hu A MOSFET electron mobility model of wide temperature range (77-400 K) for IC simulation 54562
Chainer, T.J., Romankiw, L.T., Ahn, C.H. An integrated variable reluctance magnetic motor 38759
Chainer, T.J. *see* Acosta, R.E. 38760
Chairman, D. *see* Cohen, M. 13906
Chaitin, K. Finding the right Internet service provider 6098
Chaix, J.-M., Grillon, F. On the rose of directions measurements on the discrete grid of an automatic image analyser 48412
Chaix, P. *see* Beauvais, P.Y. 37135
Chaix, P. *see* Jaroszynski, D.A. 44590
Chaiyakul, V. *see* Hsiao-Ping Juan 11090
Chaiyasena, A.P. *see* Sibul, L.H. 30428
Chak Chu Kwong *see* Chu Kwong Chak
Chak Tang Man *see* Man Chak Tang
Chakalov, R.A. *see* Kojouharov, R. 11700
Chakalov, R.A. *see* Nurgaliev, T. 43740
Chakalova, R. *see* Donchev, T. 55149
Chakare, L. *see* Dambekalne, M. 54942
Chaker, M. *see* Beaudoin, Y. 36942
Chaker, N. *see* Hampel, R. 28966
Chakhlov, V.L. *see* Zvorygin, V.P. 17980
Chakhovskoi, A.G., Hunt, C.E., Malinowski, M.E., Felter, T.E., Talin, A.A. Characterization of novel powder and thin film RGB (Red, Green, and Blue) phosphors for field emission display application 55407
Chakhovskoi, A.G. *see* Bondar, V.D. 48783
Chakhovskoi, A.G. *see* Hunt, C.E. 58926
Chakhovskoi, A.G. *see* Trujillo, J.T. 53939
Chaki, S.H. *see* Agarwal, M.K. 31897
Chakka, R., Harrison, P.G. Approximating the departure process in MMPP/M/1 finite or infinite capacity queues 35481
Chakrabarti, A., Hamsapriye Modified quadrature rules based on a generalised mixed interpolation formula 10494
Chakrabarti, A., Hamsapriye On modified Gregory rules based on a generalised mixed interpolation formula 30572
Chakrabarti, A. *see* Urashima, K. 38105
Chakrabarti, A.K. *see* Bierly, P.E., III 108
Chakrabarti, C., Mumford, C. Efficient realizations of analysis and synthesis filters based on the 2-D discrete wavelet transform 25159
Chakrabarti, C., Vishwanath, M., Owens, R.M. Architectures for wavelet transforms: a survey 31320
Chakrabarti, C. *see* Hsiang-Ling Li 35067
Chakrabarti, C. *see* Saied, R. 35948
Chakrabarti, I., Sarkar, D., Majumdar, A.K. Inductive verification of sequential circuits with a datapath 53166
Chakrabarti, J. *see* Kalam, A. 19551
Chakrabarti, J. *see* Kalam, A. 50756
Chakrabarti, N.B. *see* Pal, R.R. 40955
Chakrabarti, P., Gupta, N. An optically controlled MOS capacitor 2281
Chakrabarti, P., Mishra, B.K. Optically controlled characteristics of an InP-MISFET 2675
Chakrabarti, P.P. *see* Mandal, C.A. 52975
Chakrabarti, R., Dutta, J., Maity, A.B., Chaudhuri, S., Pal, A.K. Photoconductivity of CdTe films 31862
Chakrabarti, R., Maiti, B., Chaudhuri, S., Pal, A.K. Photoconductivity of Cu(In,Ga)Se_2 films 2084
Chakrabarti, R., Maity, A.B., Maiti, B., Dutta, J., Chaudhuri, S., Pal, A.K. Effect of Ga incorporation in polycrystalline $CuInSe_2$ films 22287
Chakrabarti, S., Kannagaratnam, P., Gogineni, P. Model-based technique for super resolution and enhanced target characterization using a step-frequency radar: a simulation study 8337
Chakrabarti, U.K. *see* Dutta, N.K. 33507
Chakrabarty, A. *see* Sahoo, G. 4342
Chakrabarty, K., Hayes, J.P. Test response compaction using multiplexed parity trees 7176
Chakrabarty, S.B. *see* Das, B.N. 4188
Chakrabarty, S.B. *see* Das, B.N. 14519
Chakrabarty, S.B. *see* Das, B.N. 14654
Chakraborty, A. Overview and structure of ISUP 57640
Chakraborty, A., Staib, L.H., Duncan, J.S. Deformable boundary finding in medical images by integrating gradient and region information 18276
Chakraborty, B., Sawada, Y. Fractal connection structure: a simple way to improve generalization in nonlinear learning systems 6986
Chakraborty, C. *see* Banerji, P. 41988
Chakraborty, C. *see* Bose, C. 42243
Chakraborty, K., Mazumder, P. An efficient, bus-layout based method for early diagnosis of bussed driver shorts in printed circuit boards 11129
Chakraborty, S., Dill, D.L. More accurate polynomial-time min-max timing simulation 53234
Chakraborty, S., Dill, D.L., Yun, K.Y., Kun-Yung Chang Timing analysis for extended burst-mode circuits 53233
Chakraborty, S. *see* Das, D.K. 53172
Chakraborty, S. *see* Pal, N.R. 25538
Chakraborty Goutan *see* Goutan Chakraborty
Chakradhar, S.T., Gangaram, V., Rothweiler, S. Deriving signal constraints to accelerate sequential test generation 53184
Chakradhar, S.T. *see* Banerjee, S. 31226
Chakradhar, S.T. *see* Krstic, A. 41014
Chakravarthy, R.S. *see* Rashid, H. 26932
Chakravarthy, S., Dimitrova, T. Service control of a queueing system with nonrenewal arrivals and phase type services 39987
Chakravarthy, S.V., Ramamurti, V., Ghosh, J. A network of oscillating neurons for image segmentation 15711
Chakravarti, A.K. *see* Prasad, S.M. 47901
Chakravarty, S., Thadikaran, P.J. Algorithms to select I_{DDQ} measurement points to detect bridging faults 1207
Chakravarty, S., Thadikaran, P.J. Simulation and generation of IDDQ tests for bridging faults in combinational circuits 1234
Chakravarty, S. *see* Ablowitz, M.J. 4026
Chakravorty, D. *see* Bandyopadhyay, S. 21319
Chakravorty, D. *see* Hazra, S. 31871
Chakravorty, D. *see* Kundu, T.K. 2958
Chakravorty, K.K. *see* Geok-Leong Tan 192
Chalapathi, I. *see* Punjwani, A.N. 6778
Chalapati, K. *see* Lad, M.G. 3850
Chalasinska-Macukov, K. *see* Ahouzi, E. 57334
Chalaya, A.T. *see* Chaly, A.M. 29206
Chalaya, A.T. *see* Chaly, A.M. 29363
Chalco, P.A. *see* Vanderle, K.A. 39785
Chaldyshev, V.V. *see* Bert, N.A. 10681
Chaldyshev, V.V. *see* Bert, N.A. 41968
Chalei, A.V. *see* Ivanova, N.A. 44723
Chalenko, I.O. *see* Kolesnikov, A.N. 34984
Chalermwat, P., Alexandridis, N., Piamsa-Nga, P., O'Connell, M. Parallel image processing in heterogeneous computing network systems 57223
Chalidabhongse, J. *see* Kim, S. 25427
Chalk, S.G., Patil, P.G., Venkateswaran, S.R. The new generation of vehicles: market opportunities for fuel cells 20171
Chalker, P.R. *see* Pang, L.Y.S. 22837
Challa, R.N., Shamsunder, S. High-order subspace-based algorithms for passive localization of near-field sources 4888
Challa, R.N. *see* Shamsunder, S. 25149
Challe, L., Pottier, E., Saillard, J. Polarimetric restoration of radar target signature in the VHF range in spite of multipath effects 26975
Challenger, J. PowerPC's on chip-debug features alter embedded-development landscape 31323
Challenor, P.G., Read, J.F., Pollard, R.T., Tokmakian, R.T. Measuring surface currents in Drake Passage from altimetry and hydrography 28649
Challis, D., Samson, D. Technical effort as a competitive weapon: experiences of Australian firms 9974
Challita, A. *see* Knoth, E.A. 24406
Chalmers, A., Duxbury, C. The hidden economic and societal issues of policies on advanced networking 6256
Chalmers, B.J. Developments in electrical machines using permanent magnets 9194
Chalmers, B.J., Akmese, R. Performance of a permanent-magnet alternator with inverse saliency and rectified output 19706
Chalmers, B.J., Musaba, L., Gosden, D.F. Performance characteristics of synchronous motor drives with surface magnets and field weakening 29736
Chalmers, B.J. *see* Gu, C.L. 50906
Chalmers, B.J. *see* McDonald, S.P. 19753
Chalmers, I.D., Lei, J.H., Yamamoto, O. Surface charging of insulators in vacuum–comparison of measured and calculated data 28918
Chalmers, I.D. *see* Qiu, X.Q. 13308
Chalmers, I.D. *see* Qiu, X.Q. 43473
Chalmers, I.D. *see* Siew, W.H. 4298
Chalmers, I.D. *see* Xie Jun 60420
Chalmers, R.H. Liquid environmental stress screening (LESS) 39739
Chalmond, B. *see* Girard, S. 4926
Chalom, E., Bove, V.M., Jr. Segmentation of an image sequence using multi-dimensional image attributes 57287
Chaloupka, F., Dobrucky, B., Kucer, P., Altus, J. A neural fuzzy estimator for direct self controlled induction motor 38744
Chaloupka, F. *see* Dobrucky, B. 51715
Chaloupka, F. *see* Racek, V. 51697
Chalupka, A. *see* Didenko, L. 42869
Chaly, A.M., Chalaya, A.T. The influence of a vacuum circuit breaker and circuit parameters on switching overvoltages generated during interruption of starting motors 29206
Chaly, A.M., Chalaya, A.T. A computer simulation of transformer magnetising current interruption by a vacuum circuit breaker 29363
Chaly, A.M., Christjakov, S.P., Rakhovsky, V.I., Romotchkin, Yu.P. Russian vacuum circuit breakers for electrical networks 28953
Chaly, A.M., Logatchev, A.A., Shkol'nik, S.M. Cathode spots dynamics on pure metals and composite materials in high-current vacuum arcs 22148
Chalyt, G. *see* Bratin, P. 829
Chalyt, G. *see* Bratin, P. 1836
Cham, W.K. *see* Pang, J.T.C. 41262
Cham Wai-Kuen *see* Wai-Kuen Cham
Chamagne, D. *see* Glises, R. 9240
Chamarti, S. *see* Ganesh, S. 54475
Chambaret, J.-P. *see* Cheriaux, G. 17830
Chambaret, J.P. *see* Antonetti, A. 14076
Chamberlain, C. Development of a laser diode clipping model 16775
Chamberlain, J.M. *see* Cole, B.E. 2144
Chamberlain, J.M. *see* Cole, B.E. 42174
Chamberlain, J.M. *see* Collins, C.E. 53635
Chamberlain, S.G. *see* GadelRab, S.M. 12942
Chamberland, M. *see* Genest, J. 44536
Chamberlin, C.E. *see* Lehman, P.A. 60605

Chamberlin, R.A., Lane, A.P., Stark, A.A. The 492 GHz atmospheric opacity at the geographic South Pole 45143
Chamberod, A. *see* Tanguy, A. 3110
Chamberod, E. *see* Ngalamou, L. 48808
Chambers, B. Dynamically adaptive radar absorbing material with improved self-monitoring characteristics 48096
Chambers, B. *see* Robinson, A.J. 45472
Chambers, B. *see* Robinson, A.J. 45473
Chambers, C., Tozer, T.C., Sharman, K.C., Durrani, T.S. Temporal and spatial sampling influence on the estimates of superimposed narrowband signals: when less can mean more 15341
Chambers, C. *see* Tokhi, M.O. 34740
Chambers, D.H. *see* Candy, J.V. 50080
Chambers, J., Avlonitis, A. A robust mixed-norm adaptive filter algorithm 34761
Chambers, J.A. *see* Tanrikulu, O. 45936
Chambers, M.J. *see* Parsi, K. 3208
Chambers, S.A. *see* Gao, Y. 40402
Chambers, W.G. *see* Azad, H. 6624
Chambolle, A., Lions, P.-L. Image recovery via total variation minimization and related problems 57166
Chambonnet, D. *see* Trotel, A. 43872
Chambouleyron, I. *see* Zanatta, A.R. 2067
Chamon, C.de C. *see* de C. Chamon, C.
Chamorovsky, Yu.K. *see* Aksyonov, V.A. 3371
Champagnat, F., Goussard, Y., Idier, J. Unsupervised deconvolution of sparse spike trains using stochastic approximation 15334
Champagnat, F. *see* El-Jakl, J. 59672
Champagne, A. *see* Jianyao Chen 14183
Champagne, B., Qing-Guang Liu A new family of EVD tracking algorithms using Givens rotations 25117
Champagne, B. *see* Liu, Q.G. 45906
Champagne, M. *see* Ortion, J.M. 54425
Champagne, R. *see* Akhrif, O. 19716
Champagne, Y. *see* Levesque, M. 55771
Champagnon, B. *see* Melinon, P. 40534
Champenois, G. *see* Bruguier, C. 9192
Champenois, G. *see* Coirault, P. 60758
Champigny, N.E. *see* Mandeville, W.J. 6983
Champion, J.V., Dodd, S.J. The effect of absorbed water on electrical treeing in epoxy resins 43551
Champion, J.V., Dodd, S.J., Alison, J.M. The correlation between the partial discharge behaviour and the spatial and temporal development of electrical trees grown in an epoxy resin 2887
Champion, M. Design, performance and production of the Fermilab TESLA RF input couplers 49121
Champion, M.H. *see* Hoton How 34372
Champion, M.S. *see* Kuchnir, M. 49019
Champion, T.G. *see* Tremain, T.E. 16471
Champness, C.H. *see* Shukri, Z.A. 10649
Chamzas, C. *see* Salkintzis, A.K. 25963
Chamzas, C. *see* Salkinzis, A.K. 47575
Chamzas, C. *see* Sampson, D.G. 57082
Chan, A., Franke, Y., MacKenzie, P., Tsiounis, Y. Mis-representation of identities in e-cash schemes and how to prevent it 4567
Chan, A.B.Y., Nguyen, C.T., Ko, P.K., Chan, S.T.H., Wong, S.S. Polished TFT's: surface roughness reduction and its correlation to device performance improvement 32413
Chan, A.I. *see* Minsheng Wang 45767
Chan, A.K.M. *see* Wong, E.W.M. 5737
Chan, B., Conradi, J. On the non-Gaussian noise in erbium-doped fiber amplifiers 55515
Chan, B.C.B., Chan, F.H.Y., Lam, F.K., Ping-Wing Lui, Poon, P.W.F. Fast detection of venous air embolism in Doppler heart sound using the wavelet transform 49485
Chan, C. *see* Bernstein, J.D. 2628
Chan, C. *see* Chu, P.K. 32143
Chan, C. *see* Goyal, V.K. 57249
Chan, C. *see* Hin-Cheung Law, H. 14895
Chan, C. *see* Husein, I.F. 42394
Chan, C. *see* Qin, S. 2324
Chan, C. *see* Turner, K.J. 41032
Chan, C.C., Chau, K.T. An overview of power electronics in electric vehicles 39356
Chan, C.C., Chau, K.T. An overview of electric vehicles–challenges and opportunities 51741
Chan, C.C. *see* Chau, K.T. 51117
Chan, C.C. *see* Chau, K.T. 51656
Chan, C.C. *see* Lam, K.H. 15042
Chan, C.Chiu *see* Chiu Chan, C.
Chan, C.F. *see* Long, H.Q. 53070
Chan, C.F. *see* Pang, J.T.C. 41262
Chan, C.F. *see* Sit, V.W.Y. 53279
Chan, C.H. *see* Li, L. 50059
Chan, C.H. *see* Surya, C. 2672
Chan, C.H. *see* Surya, C. 32434
Chan, C.K. *see* Siu, Y.M. 35684
Chan, C.K. *see* Song, J. 6747
Chan, C.S. *see* Ip, H.H.S. 25256
Chan, C.W. *see* Tsui, H.T. 35138
Chan, D. *see* Trabzon, L. 12937
Chan, D.-Y., Yang, J.-F., Chen, S.-Y. Regular implementation algorithms of time domain aliasing cancellation 15205
Chan, D.C.B., Rayner, P.J.W., Godsill, S.J. Multi-channel signal separation 15077
Chan, D.S.H. *see* Chim, W.K. 32395
Chan, D.S.H. *see* Lu, Y.F. 10139
Chan, D.T.W., Wujiu Li Design and implementation of a variable frequency regulatory system for water supply 29927
Chan, D.Y. *see* Nguyen, T.T. 54483
Chan, E. *see* Jim-Mee Ng 47138
Chan, E. *see* Tan, W. 58048
Chan, E. *see* Xiaohua Jia 46629
Chan, E.Y., Beranek, M.W., Davido, K.W., Hager, H.E., Hong, C.S., St. Pierre, R.L. Challenges for developing low-cost avionics/aerospace-grade optoelectronic modules 228
Chan, E.Y. *see* Bonebright, R.K. 49891
Chan, E.Y. *see* Jackson, G.L. 49856
Chan, E.Y. *see* Kim, J.H. 28700
Chan, E.Y. *see* LaBel, K.A. 49857
Chan, F., Haccoun, D. Punctured QAM trellis codes over fading channels 45522
Chan, F.H.Y., Lam, F.K., Poon, P.W.F., Zhu, H., Chan, K.H. Object boundary location by region and contour deformation 15587
Chan, F.H.Y. *see* Chan, B.C.B. 49485
Chan, F.M.M., King, T.G., Stout, K.J. The influence of sampling strategy on a circular feature in coordinate measurements 48885
Chan, G.K., Brown, B.A. A measure of spectrum utilization in land mobile bands 16577
Chan, G.K. *see* Girouard, M. 16576
Chan, H.A. Surface insulation resistance methodology for today's manufacturing technology 41635
Chan, H.C.B., Leung, V.C.M., Donaldson, R.F. Transport method to integrate multimedia and data personal communications services over MAN-based PCNS 47752
Chan, H.H., Elmirghani, J.M.H., Cryan, R.A. Performance analysis of indoor infrared wireless networks utilising PPM CDMA 6838
Chan, H.H., Elmirghani, J.M.H., Cryan, R.A. Performance analysis of OOK and PPM over wireless channels using PIN-BJT receivers 26843
Chan, H.H., Liew, S.C. Lossless aggregation for transporting stored video over a CBR communications channel 57562
Chan, H.H. *see* Elmirghani, J.M.H. 16810
Chan, H.L. *see* Alam, M.R. 40628
Chan, H.L. *see* Shu, N. 43495
Chan, H.L.W., Chen, Y., Choy, C.L. Thermal hysteresis in the permittivity and polarization of lead zirconate titanate/vinylidenefluoride-trifluoroethylene 0-3 composites 32676
Chan, H.L.W., Zhao, Z., Choy, C.L. Effect of wavelength on pressure wave propagation measurements of thick VF_2/VF_3 copolymer films 54937
Chan, H.L.W. *see* Ploss, B. 54929
Chan, H.L.W. *see* Zhang, Y. 54927
Chan, J.C. *see* Ku, Y.S. 27250
Chan, J.C. *see* Ku, Y.S. 27291
Chan, K. *see* Archer, G. 5278
Chan, K. *see* Rishton, S.A. 43040
Chan, K. *see* Wong, H.-S. 2646
Chan, K.C.C., Lee, V., Leung, H. Radar tracking for air surveillance in a stressful environment using a fuzzy-gain filter 38171
Chan, K.C.C. *see* Lee, V. 45717
Chan, K.C.D. A prototype front-end accelerator for accelerator-driven transmutation technologies 7684
Chan, K.C.D. Conceptual design of a superconducting high-intensity proton linac 49039
Chan, K.C.D. *see* Garnett, R.W. 17896
Chan, K.C.D. *see* Krawczyk, F.L. 7704
Chan, K.C.D. *see* Lawrence, G. 49177
Chan, K.H., Lau, R.W.H. Contour-based image warping 15803
Chan, K.H. *see* Chan, F.H.Y. 15587
Chan, K.H. *see* Lau, R.W.H. 15787
Chan, K.H. *see* Lin, Y.F. 48300
Chan, K.K., Blasing, R., Wallace, B. Multiple beam lens antenna for LEO communication satellite 34323
Chan, K.K., Derstine, M.W., Wakelin, S., Cloonan, J., Kiamilev, F., Krishnamoorthy, A., Goosen, K.W., Walker, J.A., Cunningham, J.E., Jan, W.Y., Tseng, B., Hui, S., Chirovsky, L.M.F. Smart pixel memory buffer array with parallel and serial access 32996
Chan, K.K. *see* Burghartz, J.N. 41518
Chan, K.P., Yamada, M., Inaba, H. Coherence gating in optical heterodyne detection measurements of scattering and absorption in highly scattering media 4927
Chan, K.P. *see* Chen, L. 35350
Chan, K.S., Chan, S., Yeung, K.L. Wide-sense non-blocking multicast ATM switches 46582
Chan, K.T., Bensaou, B., Tsang, D.H.K. Credit-based fair queueing (CBFQ) 46696
Chan, K.T., Leung, T.P., Li, Y.J. Holographic imaging of side-scattering particles 14477
Chan, K.T. *see* Ding, H. 24535
Chan, K.T. *see* Feng, H. 3404
Chan, K.T. *see* Shenping Li 23798
Chan, K.T. *see* Shenping Li 44376
Chan, K.T. *see* Tsang, D.H.K. 16071
Chan, K.W., Dunn, R.W., Daniels, A.R., Padget, J.A., Ekwue, A.O., Buxton, P.H., Rawlins, M.J. On-line dynamic-security contingency screening and ranking 60255
Chan, K.W. *see* Chiu, W.M. 32763
Chan, K.W. *see* Chung-Kwang Chou 59747
Chan, K.W. *see* MacAlpine, J.M.K. 43467
Chan, K.W. *see* Nicholson, B.A. 19206
Chan, L. *see* Chooi, S.Y.M. 54518
Chan, L. *see* Gn, F.H. 54251
Chan, L. *see* Shimizu, H. 39320
Chan, L. *see* Wong, H. 54513
Chan, L. *see* Zheng, J.-Z. 41144
Chan, L. *see* Zhou, L. 10960
Chan, L.A., Nasrabadi, N.M. Modular wavelet-based vector quantization for automatic target recognition 25493
Chan, L.A., Nasrabadi, N.M., Mirelli, V. Automatic target recognition using modularly cascaded vector quantizers and multilayer perceptrons 25744
Chan, L.Y. *see* An Hui Liang 17824
Chan, L.Y. *see* Liang, A.H. 17835
Chan, M. *see* Banna, S.R. 2630
Chan, M. *see* Fung, S.K.H. 22820
Chan, M. *see* Sinitsky, D. 22846
Chan, M.C., Huard, J.-F., Lazar, A.A., Lim, K.-S. On realizing a broadband kernel for multimedia networks 16422
Chan, M.C., Pacifici, G., Stadler, R. A platform for real-time visualization and interactive simulation of large multimedia networks 6316
Chan, M.L., Viggiano, K., Hong, S.H., Ma, Q.Y. Chemical etching of pure and implanted superconducting oxide films 43757
Chan, P. *see* Bhattacharya, S. 41147
Chan, P. *see* Lau, R.W.H. 15787
Chan, P.C.H. *see* Banna, S.R. 2630
Chan, P.C.H. *see* Banna, S.R. 2697
Chan, P.C.H. *see* Banna, S.R. 12910
Chan, P.C.H. *see* Chan, S.S.W. 36786
Chan, P.C.H. *see* Cheung, D.T.Y. 21500
Chan, P.C.H. *see* Chow, M.C.W. 13134
Chan, P.C.H. *see* Fung, S.K.H. 13161
Chan, P.C.H. *see* Lau, J. 7265
Chan, P.C.H. *see* Lau, J. 13448
Chan, P.C.H. *see* Wong, T.K.P. 29641
Chan, P.C.H. *see* Zhenan Tang 36787
Chan, P.K. *see* Zien, J.Y. 11095
Chan, P.T., Choy, H.S., Shu, C., Hsu, C.C. Novel $Ga_{0.47}In_{0.53}As$ metal-semiconductor-metal photodetectors grown by metalorganic vapor phase epitaxy 36586
Chan, P.W. *see* Huang, W.N. 31801
Chan, P.W. *see* Huang, W.N. 44211
Chan, P.W.L. *see* Kan, S.C. 33091
Chan, R.H., Cheng, K.Y. Optimizing the reactive ion etching of p-InGaP with CH_4/H_2 by a two-level fractional factorial design process 2330
Chan, R.H., Ng, M.K. Conjugate gradient methods for Toeplitz systems 375
Chan, R.P.K. A-stability of implicit Runge-Kutta extrapolations 10534
Chan, S. *see* Chan, K.S. 46582
Chan, S. *see* Lai, K.F. 5136
Chan, S.-W. *see* Schonenberg, K. 42050
Chan, S.C. A new two dimensional nonseparable modulated filter banks 15308
Chan, S.C. *see* Cheng, K.W. 25430
Chan, S.C. *see* Choi, K.T. 57280
Chan, S.C. *see* Fong, W.C. 46430
Chan, S.C. *see* Ng, K.T. 56962
Chan, S.C.H. *see* Wong, E.W.M. 5737
Chan, S.H. Measurement of concentrations of transient gases using a conventional NDIR analyser 27710
Chan, S.H. *see* Wen-Chung Chen 869
Chan, S.K. *see* Gott, G.F. 45218
Chan, S.K. *see* Pantjiaros, C.A. 45219
Chan, S.P., Liaw, H.C. Robust motion control for robotic assembly tasks using variable structure control scheme 41642
Chan, S.S.M. *see* Pang, L.Y.S. 22837
Chan, S.S.W., Chan, P.C.H. A constant power heating circuit for integrated gas sensor application 36786
Chan, S.T.H. *see* Chan, A.B.Y. 32413
Chan, T.F., Lie-Tong Yan Performance analysis of a brushless and exciterless AC generator 38697
Chan, T.F., Szeto, T. Composite step product methods for solving nonsymmetric linear systems 591
Chan, T.F., Zon, J. A convergence theory of multilevel additive Schwarz methods on unstructured meshes 30678
Chan, T.K., Morcos, M.M. On the switching performance of semiconductor devices in a cascode switch 38848
Chan, T.M. *see* Chan, W.L. 50500
Chan, T.S., Yip, R.K.K. Line detection algorithm 5356
Chan, T.V.Chow Ting *see* Chow Ting Chan, T.V.
Chan, T.W. *see* Teo, C.Y. 28801
Chan, V., Bloom, S. Results of 150 km, 1 Gbps lasercom validation experiment using aircraft motion simulator 6784
Chan, W. *see* Sooriakumar, K. 27495
Chan, W. *see* Sooriakumar, K. 27496
Chan, W.-Y. *see* Bi, H. 25431
Chan, W.C.Y., Tse, C.K. Bifurcation in bifurcation from a current-programmed DC/DC boost converter 1135
Chan, W.L., Pang, S.L., Chan, T.M., Sø, A.T.P. A distributed on-line HV transmission condition monitoring information system 50500
Chan, W.L. *see* So, A.T.P. 20212
Chan, W.L. *see* So, A.T.P. 20570
Chan, Y.C., Wang, Y., Gui, Z.L., Li, L.T. Thermal effects on the dielectric and electrical properties of relaxor ferroelectric ceramic-based MLCs 11754
Chan, Y.C. *see* Florence, W.Hu. 52784

Chan, Y.C. *see* So, A.C.K. 230
Chan, Y.C. *see* So, A.C.K. 52248
Chan, Y.C. *see* Tian, Y. 53738
Chan, Y.C. *see* Tu, P.L. 31595
Chan, Y.C. *see* Wong, C.K.H. 33236
Chan, Y.D. *see* Brozek, T. 43075
Chan, Y.D. *see* Brozek, T. 43337
Chan, Y.D. *see* Jiang, J. 22455
Chan, Y.D. *see* Salah, A. 22802
Chan, Y.D. *see* Trabzon, L. 32393
Chan, Y.H. *see* Pelella, A.R. 1413
Chan, Y.M. *see* Florence, W.Hu. 52784
Chan, Y.T. *see* Ho, K.C. 4430
Chan, Y.T. *see* Ho, K.C. 26985
Chan, Y.W. *see* Ju, T.H. 10092
Chan Bok Lee *see* Morikawa, T. 27935
Chan Cheong-Fat *see* Cheong-Fat Chan
Chan Cheung-Fat *see* Cheung-Fat Chan
Chan Chi *see* Chi Chan
Chan Chia-Kung *see* Chia-Kung Chan
Chan Ching-Yao *see* Ching-Yao Chan
Chan Chorkin *see* Chorkin Chan
Chan Chun Fai *see* Chun Fai Chan
Chan Chun Kin *see* Chun Kin Chan
Chan Chun-Kit *see* Chun-Kit Chan
Chan Chung *see* Chung Chan
Chan Fang Khoon, Seng, J., Ooi, L.-S., Tan, J.-K., Mok, K., Tan Tin Wee InterMUD communications (IMC) protocol with extensions to VRMLise multiuser domains (MUDs) 57644
Chan Geun Jung *see* Kyung Hee Lee 26273
Chan Geun Yoon *see* Sang Yun Lee 47549
Chan Gook Park *see* Dohyoung Chung 8258
Chan Gook Park *see* Dohyoung Chung 37965
Chan Heang-Ping *see* Heang-Ping Chan
Chan Hock Chuan *see* Hock Chuan Chan
Chan Hong Kim, Yong Hee Lee, Dong Hee Hong Design of multimode E-plane corrugated monopulse horn for linear phased array feeder 45457
Chan Hsiao-Lung *see* Hsiao-Lung Chan
Chan Kim Hee *see* Hee Chan Kim
Chan Kin-Lung *see* Kin-Lung Chan
Chan Kok Yeong *see* Kok Yeong Chan
Chan Kwon Hyuk *see* Hyuk Chan Kwon
Chan Lam *see* Lam Chan
Chan Lee *see* Hyung Taek Kim 29110
Chan Long Shieh *see* Schwartz, D.B. 23710
Chan Mansun *see* Mansun Chan
Chan Miu-Ying *see* Miu-Ying Chan
Chan Mun Choon *see* Mun Choon Chan
Chan Park, Sang Man Lee, Hyup Jong Kim The operation of IP and address resolution over the ATM LAN interworking unit 57827
Chan Siu-Wai *see* Siu-Wai Chan
Chan Tsz-King *see* Tsz-King Chan
Chan Vei-Han *see* Vei-Han Chan
Chan Wai Chung *see* Wai Chung Chan
Chan Wai-Chung *see* Wai-Chung Chan
Chan Wai-Yip *see* Wai-Yip Chan
Chan Yaw-Ruey *see* Yaw-Ruey Chan
Chan Yen-Kuang *see* Yen-Kuang Chan
Chan Yi-Jen *see* Yi-Jen Chan
Chan Yin *see* Yin Chan
Chan Yiu-Fai *see* Yiu-Fai Chan
Chan Yong Park *see* Beom-Hoan O 24016
Chan Yong Park *see* Chongdae Park 23906
Chan Yuen-Chuen *see* Yuen-Chuen Chan
Chan Yui-Lam *see* Yui-Lam Chan
Chan Yuk-Hee *see* Yuk-Hee Chan
Chan-Hak Choi *see* Young-Cheol Lim 50398
Chan-Hee Hong *see* Jae-Ik Woo 12981
Chan-Hwa Chung, Yi, S.I., Weinberg, W.H. Dissociative and selective adsorption of H_2S on the GaAs(001)–(4×2) surface 12706
Chan-Ki Kim *see* Byung-Do Yoon 51671
Chan-Nan Lu, Hou-Sheng Huang Implementation of steady state security assessment function on vector computers 60287
Chan-Nan Lu *see* Rong-Ceng Leou 28884
Chan-Nan Lu *see* Zwe-Lee Gaing 38238
Chan-Soo Chung *see* Seok-Yoon Kim 24900
Chan-Soo Chung *see* Seok-Yoon Kim 26007
Chan-Soo Chung *see* Yong-Han Yoon 38767
Chan-Wook Jeon *see* Ig-Hyeon Kim 10799
Chan-Yong Park *see* Kyung-Sook Hyun 44240
Chana, J., Agatholdis, P. Adaptive motion estimation for efficient video compression 5340
Chanana, A.D. *see* Wielopolski, L. 8121
Chanana, R.K., Srivastava, S.K. Dry cleaning by atomic F of a Si surface placed vertical and floating in a high pressure plasma created in a barrel reactor 12724
Chanaron, J.J. *see* Birchall, D.W. 20731
Chanbum Park, Jae Hong Lee Performance of a hybrid DS/SFH spread spectrum system over fading channel in the presence of multiple tone jamming 46676
Chance, B., Kyung Kang, Libo He, Hanli Liu, Shoumin Zhou Precision localization of hidden absorbers in body tissues with phased-array optical systems 8008
Chanchin Su, Yue-Tsang Chen, Shyh-Jye Jou, Yuan-Tzu Ting Metrology for analog module testing using analog testability bus 11127
Chand, N. *see* Osenbach, J.W. 55721
Chanda, A., Das, J., Sarvak, S.K. Some statistical studies of semidiurnal variation of radio refractivity in coastal atmosphere 14604
Chandezon, J. *see* Cornet, P. 45154
Chandezon, J. *see* Plumey, J.P. 44027
Chandler, C. *see* Rudman, B.L. 20882
Chandler, D., Lam, J., Navarro, L. Battery protection schemes avert disasters 51458
Chandler, D. *see* Tashiro, D. 38191
Chandler, E.W., Harbison, W.T. Protocol enhancements for SATCOM DAMA military standards 60137
Chandler, H.W. *see* Wake, R.N. 7300
Chandler, J. Management of special services: designing for a changing world 35571
Chandler, P.J. *see* Herreros, B. 13638
Chandler, P.J. *see* Herreros, B. 13666
Chandler, P.J. *see* Robertson, E.E. 55277
Chandler, S. *see* Walker, D.J. 49406
Chandler-Horowitz, D. *see* Tseng, W.F. 13708
Chandna, B. *see* Bhumkar, B. 59522
Chandola, V. *see* Ebeling-Koning, D.B. 38528
Chandon, Y. *see* Charles, A. 42815
Chandonnet, A., Laperle, P., LaRochelle, S., Vallee, R. Photodegradation of fluoride glass blue fiber laser 55522
Chandonnet, A. *see* Laperle, P. 33022
Chandra, A. *see* Anderson, H. 10115
Chandra, A. *see* Mendalek, N. 19133
Chandra, A. *see* Min, P.S. 16073
Chandra, A. *see* Singh, B. 19132
Chandra, A. *see* Singh, B. 51105
Chandra, D. *see* Chen, M.C. 3593
Chandra, H. Mitigation of electromagnetic interference in low power compact electrodeless lamps 39384
Chandra, H. *see* Jayaraman, A. 28615
Chandra, K., Reibman, A.R. Traffic models and admission control for VBR video 15805
Chandra, M.G., Narasimhan, S.V. Exponential power estimation (EPE) based adaptive equalization for stationary and time varying channels 5703
Chandra, N. *see* Voleti, S.R. 43858
Chandra, P., Gupta, S. Managing batch processors to reduce lead time in a semiconductor packaging line 39794
Chandra, R. A demonstration of navigation and user interfaces for interactive television 17060
Chandra, R., Krishna Murthy, M.V., Jacob, S., Kasthurirengan, S., Karunanithi, R. Effect of vacuum on the mass flow characteristics of a horizontal liquid nitrogen transfer line 22117
Chandra, R., Optican, L.M. Detection, classification, and superposition resolution of action potentials in multiunit single-channel recordings by an on-line real-time neural network 59684
Chandra, R. *see* Ranganathan, N. 21570
Chandra, S. Successful implementation of scan-based design-for-test 1279
Chandra, S., Allik, T.H., Hutchinson, J.A., Fox, J., Swim, C. Tunable ultraviolet laser source based on solid-state dye laser technology and $CsLiB_6O_{10}$ harmonic generation 44371
Chandra, S., Grimm, R.A., Katz, R., Thomas, J.D. Applying non-linear dynamics to atrial appendage flow data to understand and characterize atrial arrhythmia 28262
Chandra, S., Powell, K., Breburda, C.S., Mikic, I., Shekhar, R., Morehead, A., Cosgrove, D.M., III, Thomas, J.D. Three dimensional reconstruction (shape and motion) of tricuspid annulus in normals and in patients after tricuspid annuloplasty with a flexible ring 49527
Chandra, S. *see* Bector, C.R. 10345
Chandra, S. *see* Chen, P.M. 1337
Chandra, S. *see* Illindala, U. 37686
Chandra Kandpal, T. *see* Rubab, S. 38969
Chandra Mouly, M.C. *see* Subbaiah, P.V. 45378
Chandra Sekhar, C., Yegnanarayana, B. Recognition of stop-consonant-vowel (SCV) segments in continuous speech using neural network models 34653
Chandrakasan, A., Gutnik, V., Xanthopoulos, T. Data driven signal processing: an approach for energy efficient computing 11476
Chandrakasan, A. *see* Gutnik, V. 1134
Chandrakasan, A. *see* Mizuki, M.M. 25665
Chandrakasan, A. *see* Yang, I.Y. 54810
Chandrakasan, A.P. *see* Ludwig, J.T. 24897
Chandrakasan, A.P. *see* Nawab, S.H. 45806
Chandraker, K. *see* Abdur-Razzaq, M. 43514
Chandraker, K. *see* Auckland, D.W. 43550
Chandramouli, M. *see* Patkar, S. 52966
Chandramouli, R., Makur, A. A robust sequential detector for BPSK in a slow non-selective Rayleigh fading channel 4869
Chandramouli, R., Pateras, S. Testing systems on a chip 7170
Chandramouli, V. *see* Yook, J.-G. 41578
Chandran, B., Gordon, M.H., Schmidt, W.F. Comparison of CVD diamond to other substrate materials for thermal management 276
Chandran, B., Schmidt, W.F., Gordon, M.H. A novel bonding technique to bond CTE mismatched devices 1849
Chandran, H. Configurable adaptative signal processing subsystem for various applications in telemetry, navigation and telecommunication 45721
Chandran, K.B. *see* Brathwaite, P.A. 28301
Chandran, K.B. *see* Frank, R.J. 28303
Chandran, V., Carswell, B., Boashash, B., Elgar, S. Pattern recognition using invariants defined from higher order spectra: 2-D image inputs 57181
Chandrasekar, V. *see* Gorgucci, E. 38072
Chandrasekar, V. *see* Rongrui Xiao 28632
Chandrasekaran, A., Vasudevan, K., Rao, P.S., Rao, K.S. Discussion on "Simulation of power electronic circuits using sparse matrix techniques" [and reply] 40900
Chandrasekaran, A. *see* Camilleri, J.S. 50541
Chandrasekaran, A. *see* Kochukuttan, H. 50539
Chandrasekaran, A. *see* Path, D. 40875
Chandrasekaran, M. *see* Trombert, S. 11917
Chandrasekaran, S., Sayed, A.H. Stabilizing the generalized Schur algorithm 598
Chandrasekhar, D. *see* Bair, A.E. 54430
Chandrasekhar, H.R. *see* Wheeler, E.D. 22527
Chandrasekhar, H.R. *see* Wheeler, E.D. 32125
Chandrasekhar, M. *see* Bandyopadhyay, S. 54183
Chandrasekhar, P., Natrajan, R. Reliability analysis of a complex one unit system 20993
Chandrasekhar, R., Kuehnel, T., Luderer, G., Subbiah, B. Interworking of heterogeneous multimedia systems using Common Object Request Broker Architecture 26186
Chandrasekhar, R., Mapps, D.J. Preparation and characterisation of sandwich type barium hexa-ferrite thin films 3175
Chandrasekhar, S., Lunardi, L.M. Re-engineering the receiver: creating a low cost fiber-in-the-loop component 47936
Chandrasekhar, S. *see* Garrett, L.D. 16701
Chandrasekhar, S. *see* Garrett, L.D. 26872
Chandrasekhar, S. *see* Garrett, L.D. 55474
Chandrasekhar, S. *see* Lunardi, L.M. 26733
Chandrasekhar, S. *see* Lunardi, L.M. 47992
Chandrasekhar, S. *see* Rios, J.M.M. 21930
Chandrasekhar, S. *see* Samelis, A. 12891
Chandrasekhar, V. *see* Bruynseraede, Y. 32920
Chandrasekhar, V. *see* Hannan, M. 31985
Chandrasekharaiah, H.S. *see* Bhanu Prakash, M.R. 60286
Chandrasekharaiah, H.S. *see* Shyam, V. 50522
Chandrashekhara, K. *see* Akhavan, F. 36625
Chandrashekhara, K. *see* Chukwujelwu Okafor, A. 11019
Chandratilleke, G.R., Ohtani, Y., Hatakeyama, H., Kuriyama, T., Nakagome, H. Gas-gap thermal switch for precooling of cryocooler-cooled superconducting magnets 43840
Chandy, J. *see* Xing, Z. 40843
Chane-Che-Lai, F., Beau, C., Briand, D., Joubert, P. Electroluminescent porous silicon p-n junction using polycrystalline silicon films 3620
Chanerley, A. *see* Hosny, W. 19741
Chaney, E.L. *see* McAuliffe, M.J. 15992
Chaney, K. *see* Eggers, A.J., Jr. 19655
Chaney, R., Estrera, J., Sinor, T., Passmore, K. Gamma ray imaging using a cadmium zinc telluride crystal and micro-channel plates 59362
Chaney, T., Bowyer, J. Mine grounding, factors that prohibit a universal grounding solution 39483
Chang, A.M. *see* Alers, G.B. 12558
Chang, A.M. *see* Alers, G.B. 43336
Chang, A.T.C. *see* Foster, J.L. 18881
Chang, A.T.C. *see* Hall, D.K. 18892
Chang, A.Y. *see* Mansour, Y. 60313
Chang, A.Y. *see* Vaahedi, E. 19039
Chang, B.I., Kim, L.J., Hong, J.K., Chung, Y.C., Hong, S.K., Kim, S.U., Park, M.J. The measurement of surface recombination velocity of HgCdTe by photoelectromagnetic effect 31832
Chang, B.S. *see* Lin-Her Jeng 19608
Chang, C. *see* Yiu-Hung Fok 57085
Chang, C.-C., Sirkis, J. Multiplexed optical fiber sensors for air frame repair patch monitoring 17431
Chang, C.-C., Sirkis, J. Absolute phase measurement with extrinsic Fabry-Perot optical fiber sensors 36617
Chang, C.-C., Sirkis, J. Absolute phase measurement in extrinsic Fabry-Perot optical fiber sensors using multiple path-match conditions 48595
Chang, C.-C., Weiner, A.M., Vengsarkar, A.M., Peckham, D.W. Broadband dispersion compensation for sub-100-femtosecond pulses with compression ratio of 300 26799
Chang, C.-C. *see* Binjrajka, V. 3474
Chang, C.-C. *see* Binjrajka, V. 3489
Chang, C.-C. *see* Chiueh, T. 46736
Chang, C.-C. *see* Hwang, S.-J. 24763
Chang, C.-C. *see* Lin, C.-H. 24771
Chang, C.-F. *see* MacDonald, D. 8658
Chang, C.-H. *see* Lin, J.-M. 50276
Chang, C.-J., Ren, F.-C. Centralized and distributed down-link power control methods for a DS/CDMA cellular mobile radio system 47705
Chang, C.-S. *see* Ci-Ling Pan 3575
Chang, C.-S. *see* Wen-Chung Chen 869
Chang, C.-W., Chuang, L.-M. Correlation of HbAlc concentration and single-fiber EMG findings in diabetic neuropathy 28331
Chang, C.-Y.S., McLane, P.J. Bit-error-probability for noncoherent orthogonal signals in fading with optimum combining for correlated branch diversity 26611
Chang, C.C., Kai-Tai Song Sensor-based motion planning of a mobile robot in a dynamic environment 50251
Chang, C.C. *see* Marks, S. 42627
Chang, C.C. *see* Stone, R.J. 42206
Chang, C.D. *see* Wang, R. 31529

Chang, C.H., Davydov, A., Stanbery, B.J., Anderson, T.J. Thermodynamic assessment of the Cu-In-Se system and application to thin film photovoltaics 39077
Chang, C.H. *see* Hwang, C.S. 7723
Chang, C.H. *see* Hwang, C.S. 37043
Chang, C.H. *see* Li, S.S. 39070
Chang, C.H. *see* Zhou, H. 46604
Chang, C.K., Bugwadia, J., Mongkolwat, P. UIC-CELL II: an object-oriented simulation of the cellular telephone system 47748
Chang, C.L., St. Amour, A., Sturm, J.C. The effect of carbon on the valence band offset of compressively strained $Si_{1-x-y}Ge_xC_y/(100)$ Si heterojunctions 42063
Chang, C.L., St. Amour, A., Sturm, J.C. Effect of carbon on the valence band offset of $Si_{1-x-y}Ge_xC_y/Si$ heterojunctions 42097
Chang, C.N. *see* Suen, D.S. 48902
Chang, C.P. *see* Liu, C.T. 2641
Chang, C.S., Agrawal, A.P., Feilchenfeld, N. Thin dielectric laminate design and assessment 41597
Chang, C.S., Sim, S.S. Optimising train movements through coast control using genetic algorithms 39308
Chang, C.S., Wang, F., Liew, A.C. Simulated hardware design of artificial neural networks for adaptive plant control 28807
Chang, C.S. *see* Chang, S.J. 23700
Chang, C.S. *see* Fang, W. 33499
Chang, C.S. *see* Minch, J. 44654
Chang, C.S. *see* Wen, E.S. 38276
Chang, C.S. *see* Wen, F.S. 60425
Chang, C.V. *see* Baldwin, R.W. 34534
Chang, C.Y., Hoepner, R. Pose estimation in automatic object recognition 5454
Chang, C.Y. *see* Chao, T.S. 54651
Chang, C.Y. *see* Freeman, A. 27011
Chang, C.Y. *see* Huang, G.W. 30748
Chang, C.Y. *see* Yew, J.Y. 10722
Chang, D. *see* Bult, K. 17268
Chang, D. *see* Yu-Liang Wu 40766
Chang, E., Zakhor, A. Cost analyses for VBR video servers 17058
Chang, E., Zakhor, A. Disk-based storage for scalable video 47347
Chang, E. *see* Prasad, S. 42604
Chang, E.-S., Gajski, D.D., Narayan, S. An optimal clock period selection method based on slack minimization criteria 31053
Chang, E.C., Sung-Mo Kang Transient simulation of lossy coupled transmission lines using iterative linear least square fitting and piecewise recursive convolution 11042
Chang, E.I., Lippmann, R.P. Improving wordspotting performance with artificially generated data 15050
Chang, E.K. *see* Adams, S.M. 41664
Chang, E.S. Multimedia OC12 parallel interface using VCSEL array to achieve high-performance cost-effective optical interconnections 16770
Chang, E.Y. *see* Yeong-Lin Lai 32267
Chang, F. *see* Hwang, W.L. 25616
Chang, F.-C., Hang, H.-M. An implementation of a simple DAVIC server using Orbix 16399
Chang, G.C., Livack, G.S., McDaniel, J.L. Emerging cockpit technologies for free flight 59923
Chang, G.K. *see* Ohm, W.Y. 12808
Chang, G.S., Jung, S.M., Lee, Y.S., Choi, I.S., Whang, C.N., Woo, J.J., Lee, Y.P. Adhesion enhancement of ion beam mixed Cu/Al/polyimide 32233
Chang, G.S., Oh, D.J., Yang, D.K., Chae, J.S., Kim, C.S. On the digital synchronization of HDTV demodulator 7073
Chang, H., Pyun, Y.B., Alexeeva, M.E. Passivation of zinc electrode in the sealed nickel-zinc cells 61055
Chang, H. *see* Lee, Y. 56630
Chang, H. *see* Lin, W.J. 10883
Chang, H. *see* Park, J. 42606
Chang, H. *see* Ree, M. 43542
Chang, H. *see* Vassiliou, I. 11115
Chang, H.-W. *see* Lin, H.-T. 42657
Chang, H.C. *see* Bandyopadhyay, S. 54183
Chang, H.C. *see* Kioseoglou, G. 41959
Chang, H.J. *see* Ohm, W.Y. 12808
Chang, H.L. *see* Wang, S.C. 12824
Chang, H.L. *see* Yang, K.H. 19532
Chang, H.M. "CrossTalk": technical challenge to VAD-like applications in mixed landline and mobile environments 45677
Chang, H.T., Kuo, C.J. Finite-state fractal block coding of images 56740
Chang, H.Y. *see* Seong-Heon Seo 60892
Chang, I., Loew, M. Classification with nonexclusive patterns 5354
Chang, I. *see* Jeong, Y. 34106
Chang, J. *see* Fitzpatrick, G.O. 20070
Chang, J. *see* Franco, P. 48353
Chang, J. *see* Tzuen-Lih Chern 29674
Chang, J.-F., Wang, Y.-Y. Performance analysis of several call launching schemes in an outbound call management system 46955
Chang, J.-F. *see* Tung, T.-Y. 57584
Chang, J.-S. *see* Kanazawa, S. 33838
Chang, J.-W., Lin, K.C., Trouilloud, P.L., Romankiw, L.T. Effects of crystal orientation on induced uniaxial magnetic anisotropy in electrodeposited permalloy films 32795
Chang, J.-W., Wang, P.W., Ju, K. Coil seed-layer etch by ion-beam technique 43681
Chang, J.-W. *see* Lin, K. 30848
Chang, J.-W. *see* Lin, K. 32854
Chang, J.C., Denton, J.P., Neudeck, G.W. Thin-film SOI p-MOSFET from epitaxial lateral overgrowth (ELO) with a 200 Å nitrided SiO_2 backgate and large $\Delta V_{T,top}$ Vs $V_{G,back}$ for ultra low power 22811
Chang, J.C.P. *see* Melloch, M.R. 10695
Chang, J.H. *see* Im, D.H. 51016
Chang, J.H. *see* Thomasson, D.B. 32425
Chang, J.J. *see* Ali-Ahmad, W.Y. 17215
Chang, J.J. *see* Warner, B.E. 172
Chang, J.J.K., Qingzhi Peng, Bertram, H.N., Sinclair, R. Measurements of crystalline anisotropy on longitudinal media 3201
Chang, J.J.K., Qingzhi Peng, Qixu Chen, Zhong-Heng Lin, Yen, E., Ga-Lane Chen, Bertram, H.N., Sinclair, R. Evolution of bicrystal media development 32831
Chang, J.L., Avery, S.K., Riddle, A.C., Palo, S.E., Gage, K.S. First results of tropospheric gravity wave momentum flux measurements over Christmas Island 60051
Chang, J.M., Choi, J.H., Lee, S.S. The analysis of radiation characteristics of an antenna on a three dimensional dome using the UTD 4333
Chang, J.M. *see* Lee, T.S. 32196
Chang, J.P., Zhang, Z., Xu, H., Sawin, H.H., Butterbaugh, J.W. Metal removal with a ClF_3 beam at room temperature 42466
Chang, J.S., Godard, R. A revised model of particle charging for electrostatic precipitation or dust charging 44915
Chang, J.S. *see* Godard, R. 60065
Chang, J.S. *see* He, W. 32730
Chang, J.S. *see* Urashima, K. 38105
Chang, J.T.-Y., McCluskey, E.J. SHOrt Voltage Elevation (SHOVE) test 20838
Chang, J.T.-Y., McCluskey, E.J. Detecting delay flaws by very-low-voltage testing 43264
Chang, J.W., Un, C.K., Kim, B.C., Ryu, S.M., Park, Y.W., Kang, K.H. A new channel assignment scheme for handoff and initial access in a microcellular CDMA system 47656
Chang, J.Y. *see* Hon-Fai Yau 24205
Chang, K. *see* Jong-Chul Lee 3667
Chang, K. *see* Kanamaluru, S. 34479
Chang, K. *see* Olukotun, K. 1436
Chang, K.-C. *see* Yang, S. 21054
Chang, K.-W. *see* Wang, H. 11744
Chang, K.C., Saha, R.K., Bar-Shalom, Y., Alford, M. Performance evaluation of multisensor track-to-track fusion 24967
Chang, K.C. *see* Hatter, A. 6896
Chang, K.H. *see* Chui, H.C. 52786
Chang, K.J. *see* Young-Jo Ko 52734
Chang, K.K. *see* Benmohamed, L. 26195
Chang, K.K. *see* Rubin, I. 46649
Chang, K.K. *see* Rubin, I. 46689
Chang, K.W., Wang, H., Smith, D., Oki, A., Biedenbender, M., Dow, G.S., Allen, B.R. An ultra low phase noise MMIC-based 89-GHz source module 41483
Chang, K.W. *see* Lin, E.W. 31151
Chang, L. *see* Ernst, T. 7959
Chang, L.A. *see* Wang, J.R. 50058
Chang, L.B. *see* Liu, C.C. 42419
Chang, L.F. *see* Hsing, T.R. 5921
Chang, L.L. Static timing analysis of high-speed boards 41573
Chang, L.L. *see* Xu, Z.Y. 2215
Chang, M. Teaching top-down design using VHDL and CPLD 20573
Chang, M., Chou, P., Lee, H. Tomographic microwave imaging for nondestructive evaluation and object recognition of civil structures and materials 16884
Chang, M.M., Ibrahim Sezan, M., Murat Tekalp, A., Berg, M.J. Bayesian segmentation of multislice brain magnetic resonance imaging using three-dimensional Gibbsian priors 28101
Chang, M.Y. *see* Dyke, D.W. 12971
Chang, N. *see* Oh, S.Y. 43240
Chang, N.L., Zakhor, A. View generation for three-dimensional scenes from video sequences 46257
Chang, O. *see* Marcano, D. 34400
Chang, P. *see* Antos, J. 37373
Chang, P. *see* Jones, W.L. 38077
Chang, P. *see* Li Li 8448
Chang, P.-C., Chien, M.-C. Interleaving and error concealment for MPEG video over ATM networks 15800
Chang, P.C. *see* Malin, J.I. 3891
Chang, P.J., Rofougaran, A., Abidi, A.A. A CMOS channel-select filter for a direct-conversion wireless receiver 1567
Chang, P.J., Rofougaran, A., Abidi, A.A. A CMOS channel-select filter for a direct-conversion wireless receiver 53419
Chang, P.S., Willson, A.N., Jr. A roundoff error analysis of the normalized LMS algorithm 15193
Chang, P.T. *see* Chang, S.J. 23700
Chang, R. Power plant mercury control options and issues 29060
Chang, R.-S. *see* Lin, C.-S. 55928
Chang, R.C., Sheu, B.J., Bang, S.H. Current-mode implementation of CNNs with annealing capability 53507
Chang, R.C. *see* Chou, E.Y. 21849
Chang, R.C. *see* Sheu, B.J. 57729
Chang, R.D. *see* Choi, P.S. 42367
Chang, R.D. *see* Su, T. 42413
Chang, R.J., Mazeika, L. Electrical activities associated with inclined-plane tracking and erosion test 32731
Chang, R.P.H. *see* Auciello, O. 846
Chang, R.P.H. *see* Guotong Du 14189
Chang, R.T. *see* Hon-Sum Weng 48686
Chang, S. *see* Arsenault, H.H. 25653
Chang, S. *see* Kim, B.J. 48871
Chang, S.-C., Yeh, S.-N. Current sensorless field-oriented control of induction motors 9601
Chang, S.-F. *see* Wang, H. 15791
Chang, S.-H., Lu, S.-Y. Modified version of Hamming network 1652
Chang, S.-K. *see* Zhang, Q.-L. 46457
Chang, S.-Y. *see* Oh, J.-H. 47458
Chang, S.C., Yacamini, R. The effect of cycloconverter drives on noise and vibration in electrical machines 61248
Chang, S.G., Suh, D.Y., Kyung, M.H., Park, S.H., Jung, J.I. A strategy for construction of a 40 Mbps bundle of MPEG VBR bit streams 57576
Chang, S.G. *see* Lee, C.Y. 36077
Chang, S.H., Kang, S.G., Song, S.W., Yoon, J.B., Choy, J.H. Crystal structure and spectroscopic properties of $Li_xNi_{1-y}Ti_yO_2$ and their electrochemical behavior 29560
Chang, S.H., Kim, H.G., Choi, S.S., Kang, K.S. Development of the On-Line Operator Aid SYStem (OASYS™) using rule based expert system and fuzzy logic for nuclear power plants 60499
Chang, S.H. *see* Kim, S.K. 36593
Chang, S.I. *see* Shih-Yen Lin 52316
Chang, S.I.L. A laser-controlled automated vehicle operation system 61311
Chang, S.J., Chang, C.S., Su, Y.K., Chang, P.T., Wu, Y.R., Huang, K.H., Chen, T.P. Chirped GaAs-AlAs distributed Bragg reflectors for high brightness yellow-green light-emitting diodes 23700
Chang, S.J. *see* Lin, C.T. 27576
Chang, S.K., Kao, S.P., Huang, H.C., Leichtberg, S., Espinosa, R.J. Millstone Two simulator NSSS model upgrade 8722
Chang, S.M. *see* Lin, C.T. 27576
Chang, S.T. *see* Chen, J.C. 3839
Chang, S.T. *see* Chen, J.C. 23923
Chang, S.T. *see* Cheng, W.H. 14503
Chang, S.Y.-S. *see* Liu, A.K. 50081
Chang, T., Song, I., Bae, J., Kim, K.S. Maximum length cellular automaton sequences and its application 56298
Chang, T. *see* Hong, J. 55177
Chang, T. *see* Jian-Gang Zhu 32847
Chang, T. *see* Tsang, R.P. 26024
Chang, T.H.P., Thomson, M.G.R., Kratschner, E., Kim, H.S., Yu, M.L., Lee, K.Y., Richtson, S.A., Hussey, B.W., Zolghartmain, S. Electron beam microcolumns for nanolithography 54555
Chang, T.H.P., Thomson, M.G.R., Kratschmer, E., Kim, H.S., Yu, M.L., Lee, K.Y., Rishton, S.A., Hussey, B.W., Zolghamain, S. Electron-beam microcolumns for lithography and related applications 22673
Chang, T.H.P. *see* Beckman, J.C. 28013
Chang, T.H.P. *see* Kim, H.S. 31683
Chang, T.H.P. *see* Tanenbaum, D.M. 22701
Chang, T.H.P. *see* Yu, M.L. 22151
Chang, T.I.P. *see* Kratschmer, E. 24367
Chang, T.Y. *see* Hong, J.H. 56498
Chang, T.Y. *see* Jian Ma 55939
Chang, T.Y. *see* McMichael, I. 33452
Chang, W.-T. *see* Liu, P.-C. 56868
Chang, W.C., Lu, S.L., Chen, S.K., Yu, C.H. Magnetic properties of $Y_2Fe_{17-x}M_xC_y$ compounds (M=Ga, Al and Si) 3132
Chang, W.H. *see* Choi, K.K. 48661
Chang, W.H. *see* Kang-Ping Lin 59657
Chang, W.H. *see* Lee, M.Y. 18491
Chang, W.H. *see* Tidrow, M.Z. 48524
Chang, W.J. *see* Lin, C.L. 3271
Chang, W.K., Grady, W.M. Minimizing harmonic voltage distortion with multiple current-constrained active power line conditioners 50335
Chang, W.L. *see* Chou, S.K. 61344
Chang, W.S.C. *see* Liao, H.H. 58352
Chang, W.S.C. *see* Loi, K.K. 58351
Chang, Y., Golmie, N., Su, D. A rate-based flow control switch design for ABR service in an ATM network 46605
Chang, Y., Golmie, N., Su, D. Study of interoperability between EFCI and ER switch mechanisms for ABR traffic in an ATM network 46636
Chang, Y., Tsap, B., Fetterman, H.R., Cohen, D.A., Levi, A.F.J., Newberg, I.L. Optically controlled serially fed phased-array transmitter 34393
Chang, Y. *see* Fetterman, H.R. 45460
Chang, Y.-C. *see* Vega-Pineda, J. 5547
Chang, Y.-H. *see* Wu, T.-F. 51124
Chang, Y.-L. *see* Shi, S.S. 22886
Chang, Y.-M., Warren, J.T. Allocative efficiency and diversification under price-cap regulation 57689
Chang, Y.-W., Juhola, M., Grainger, W., Wang, B., Manahan, B. Millimeter-wave concealed weapon detection 60163
Chang, Y.-W. *see* Geraniotis, E. 26669
Chang, Y.A. *see* Chen, D.Y. 32051

Chang, Y.A. *see* Ingerly, D.B. 21330
Chang, Y.A. *see* Lin, C.-F. 12525
Chang, Y.C. *see* Sengupta, D.K. 7342
Chang, Y.H. *see* Adam, A. 37280
Chang, Y.H. *see* Dai, Y.T. 12446
Chang, Y.H. *see* Hong, M.Y. 55716
Chang, Y.H. *see* Hou, S.R. 59252
Chang, Y.H. *see* Liao, M.C.H. 52684
Chang, Y.H. *see* Sahu, S.K. 37360
Chang, Y.H. *see* Sim, S.P. 41168
Chang, Y.O. *see* Karlof, J.K. 24747
Chang, Y.S. *see* Li, S.S. 39070
Chang, Z. *see* Rundquist, A. 4030
Chang An-Hsiung *see* An-Hsiung Chang
Chang Biau-Sheng *see* Biau-Sheng Chang
Chang Bum Lee, Kyeong Bong Ha, Rae-Hong Park Computation of effective bandwidth of aggregated VBR MPEG video traffic in ATM networks using the modified equivalent capacity 5734
Chang Bum Lee *see* Kyeong Bong Ha 46239
Chang Bum Lee *see* Kyong Bong Ha 46865
Chang Chein-I *see* Chein-I Chang
Chang Chen Meng *see* Meng Chang Chen
Chang Chen-Chieh *see* Chen-Chieh Chang
Chang Cheng-Jyi *see* Cheng-Jyi Chang
Chang Cheng-Shang *see* Cheng-Shang Chang
Chang Chi *see* Chi Chang
Chang Chi Ching *see* Chi Ching Chang
Chang Chi-Ming *see* Chi-Ming Chang
Chang Chia-Wen *see* Chia-Wen Chang
Chang Chia-Yuan *see* Chia-Yuan Chang
Chang Chialin *see* Chialin Chang
Chang Chien-Kuo *see* Chien-Kuo Chang
Chang Chien-Yeh *see* Chien-Yeh Chang
Chang Chih-Chiang *see* Chih-Chiang Chang
Chang Chih-Sheng, Hsu Yen-Feng, Yang Jin-Shry, Liao Ching-Jung, Liao Jen-Li Estimating transmission line fault location from the fault recorder 50655
Chang Chih-Sheng *see* Chih-Sheng Chang
Chang Chih-Wei *see* Chih-Wei Chang
Chang Chin *see* Chin Chang
Chang Chin-Chang *see* Chin-Chang Chang
Chang Chin-Chen *see* Chin-Chen Chang
Chang Ching-Hsien *see* Ching-Hsien Chang
Chang Ching-Lung *see* Ching-Lung Chang
Chang Ching-Ray *see* Ching-Ray Chang
Chang Ching-Tang *see* Ching-Tang Chang
Chang Chingray *see* Lee Chingming 3029
Chang Chir-Ho *see* Chir-Ho Chang
Chang Chir-Weei *see* Chir-Weei Chang
Chang Chong Hwa *see* Chong Hwa Chang
Chang Chuan-Liang *see* Chuan-Liang Chang
Chang Chun-Yen *see* Chun-Yen Chang
Chang Chung Cheng *see* Chung Cheng Chang
Chang Chung-Ju *see* Chung-Ju Chang
Chang Chung-Liang Current status and outlook of Taiwan power system 28760
Chang Chung-Tze *see* Chung-Tze Chang
Chang Chunqi *see* Shen Fenglin 4397
Chang Dah-Chung *see* Dah-Chung Chang
Chang Do Il *see* Do Il Chang
Chang Eon Kang *see* Kang Chang Eon
Chang Eun Kim *see* Seung Hyun Kim 32618
Chang Feng Cheng *see* Feng Cheng Chang
Chang Feng Yu, Pang Lin Luminescent characteristics of $ZnGa_2O_4$:Mn phosphor thin films grown by radio-frequency magnetron sputtering 13816
Chang Fu-Kuo *see* Fu-Kuo Chang
Chang Fung-Yuel *see* Fung-Yuel Chang
Chang Gee Keun *see* Gee Keun Chang
Chang Geeng-Kwei *see* Geeng-Kwei Chang
Chang Gong-Ming, Chao Fu-Zhen A treatise on equilateral hyperbolic function bridge 27779
Chang Gwo-Ching *see* Gwo-Ching Chang
Chang Han *see* Han Chang
Chang Hee Lee *see* Woo Jung Son 27407
Chang Hee Nam *see* Min Sik Jo 44624
Chang Ho Gyeong *see* Ho Gyeong Chang
Chang Ho Jeong *see* Ho Jeong Chang
Chang Hong-Chan *see* Hong-Chan Chang
Chang Hong-Yeung *see* Hong-Yeung Chang
Chang Hong-Young *see* Hong-Young Chang
Chang Hoon *see* Hoon Chang
Chang Hosung *see* Hosung Chang
Chang Hsin-Hua *see* Hsin-Hua Chang
Chang Huang *see* Chen Jie Chee 53582
Chang Huang Wen *see* Wen Chang Huang
Chang Hun-Hsien *see* Hun-Hsien Chang
Chang Hung-Chun *see* Hung-Chun Chang
Chang Hwai-Tsu *see* Hwai-Tsu Chang
Chang Hwan Oh *see* Moung Ho Lee 41596
Chang Hwan Oh *see* Young Boo Kim 16491
Chang Hyun Kim *see* Young Sik Sun 51281
Chang Hyun Roh, Hyun Sop Chang, Han Gon Kim, Soon Heung Chang Identification of reactor vessel failures using spatiotemporal neural networks 29027
Chang Hyun Sop *see* Hyun Sop Chang
Chang Iksoo *see* Iksoo Chang
Chang In Su *see* In Su Chang
Chang Jaewon *see* Jaewon Chang
Chang Jen-Shih *see* Jen-Shih Chang
Chang Jen-Tsorng *see* Jen-Tsorng Chang
Chang Jeng-Yang *see* Jeng-Yang Chang
Chang Jenghwa *see* Jenghwa Chang
Chang Jenq-Yang *see* Jenq-Yang Chang
Chang Jhy-Min *see* Jhy-Min Chang
Chang Jiang *see* Jiang Chang
Chang Jin-Fu *see* Jin-Fu Chang
Chang Joo Youn, Hong Woo Yu Variation of the effective channel length and n^- region resistance modulated by the gate bias in a LDD MOSFET having a different gate structure 22826
Chang Joon Chae *see* Joon Chung 6753
Chang Joon Pil *see* Joon Pil Chang
Chang Jui-Ming *see* Jui-Ming Chang
Chang Juing-Yi *see* Juing-Yi Chang
Chang Jun Keun *see* Jun Keun Chang
Chang Jung Ho *see* Ho Chang Jung
Chang Jung-Shiong *see* Jung-Shiong Chang
Chang Jyh-Liang *see* Jyh-Liang Chang
Chang Kai *see* Kai Chang
Chang Keun-Sun *see* Keun-Sun Chang
Chang Ki Lee *see* Dae Ik Kim 11446
Chang Kim Jae *see* Jae Chang Kim
Chang Kow Ming *see* Kow Ming Chang
Chang Kow-Ming *see* Kow-Ming Chang
Chang Kui-Yu *see* Kui-Yu Chang
Chang Kun-Yung *see* Kun-Yung Chang
Chang Kuo Chu *see* Kuo Chu Chang
Chang Kuo-Ming *see* Kuo-Ming Chang
Chang Kuo-Tung *see* Kuo-Tung Chang
Chang Kyung Hi *see* Kyung Hi Chang
Chang KyungHi *see* KyungHi Chang
Chang Lenghwa *see* Lenghwa Chang
Chang Li Fung *see* Li Fung Chang
Chang Li-Hsin *see* Li-Hsin Chang
Chang Liang-Wey *see* Liang-Wey Chang
Chang Liannbe, Liu, C.C., Cheng, Y.C. Doping properties of Pr_2O_3 associate InP liquid phase epitaxy 21233
Chang Linchen *see* Linchen Chang
Chang Liu, Acar, I., Wei-Bo Gong On computation of bit error probability in communication systems 35479
Chang Liuchen *see* Liuchen Chang
Chang Mao-Nan *see* Mao-Nan Chang
Chang Mi-Chang *see* Mi-Chang Chang
Chang Min Kim, Young Joon Im WKB eigenvalue equations for multiple graded-index waveguides/quantum-wells 44039
Chang Ming *see* Ming Chang
Chang Ming-Wen *see* Ming-Wen Chang
Chang Minhyuk *see* Minhyuk Chang
Chang Molin *see* Molin Chang
Chang Ning *see* Ning Chang
Chang Nion Sock *see* Nion Sock Chang
Chang Park Jae *see* Jae Chang Park
Chang Park Kyu *see* Kyu Chang Park
Chang Peng-Heng *see* Peng-Heng Chang
Chang Pi Sheng *see* Pi Sheng Chang
Chang Po-Rong *see* Po-Rong Chang
Chang Pyung Hun *see* Pyung Hun Chang
Chang Rong-Seng *see* Rong-Seng Chang
Chang Ruey-Feng *see* Ruey-Feng Chang
Chang Ruey-Ling *see* Ruey-Ling Chang
Chang Ryong Lee, Ok Kim, Suh, K.S. Control of space charge in polyethylene by chemical modification 32709
Chang Sang Mok *see* Sang Mok Chang
Chang Seop Koh, Hee Soo Yoon, Ki Woong Nam, Hong Soon Choi Magnetic pole shape optimization of permanent magnet motor for reduction of cogging torque 51041
Chang Seop Koh, Min-Kyu Kim, Hyun-Kyo Jung, Song-yop Hahn, Baek-soo Suh Electric resistivity tomography for geophysical inverse problems 50010
Chang Seop Koh *see* Dongjin Bae 51023
Chang Shao-Herng *see* Jen Ming-Une 28999
Chang Shao-Kung *see* Shao-Kung Chang
Chang Shengjiang, Shen Jinyuan, Zhang Yanxin High-capacity association neural networks with unipolar and binary interconnection 13749
Chang Shengjiang *see* Shengjiang Chang
Chang Shi-Chung *see* Shi-Chung Chang
Chang Shi-Kuo *see* Shi-Kuo Chang
Chang Shih-Chieh *see* Shih-Chieh Chang
Chang Shih-Chun *see* Shih-Chun Chang
Chang Shih-Fu *see* Shih-Fu Chang
Chang Shih-Hsu *see* Shih-Hsu Chang
Chang Shiuh-Yuan *see* Shiuh-Yuan Chang
Chang Shiuhyuan *see* Lin Kwanglung 32249
Chang Shun-Hsyung *see* Shun-Hsyung Chang
Chang Shuxiong *see* Cheng Huiming 56222
Chang Son Ki *see* Ki Chang Son
Chang Soo *see* Soo Chang
Chang Soo Kim *see* Byung Hwan Jun 57174
Chang Soo Lim *see* Wook-Jin Jang 57599
Chang Soon Heung *see* Soon Heung Chang
Chang Sub Kim *see* Kuznetsov, A.V. 4017
Chang Tae-Gyu *see* Tae-Gyu Chang
Chang The Nan *see* The Nan Chang
Chang Tian Sheuan *see* Tian Sheuan Chang
Chang Tian-Sheuan *see* Tian-Sheuan Chang
Chang Tie-Jun *see* Tie-Jun Chang
Chang Ting-Chang *see* Ting-Chang Chang
Chang Tsai-Fu *see* Tsai-Fu Chang
Chang Tse-En *see* Tse-En Chang
Chang Tsu-Shuan *see* Tsu-Shuan Chang
Chang Wan-Teh *see* Wan-Teh Chang
Chang Wei *see* Wei Chang
Chang Wei-Bin *see* Wei-Bin Chang
Chang Wei-Nan *see* Wei-Nan Chang
Chang Wen Chen, Lulin Chen, Jiebo Luo A cellular neural network for clustering-based adaptive quantization in subband video compression 15479
Chang Wen Chen *see* Jiebo Luo 56685
Chang Wen Chen *see* Lulin Chen 57371
Chang Wen-Lin *see* Wen-Lin Chang
Chang Wen-Thong *see* Wen-Thong Chang
Chang Wen-Whei *see* Wen-Whei Chang
Chang Wen-Yao *see* Wen-Yao Chang
Chang Wenge *see* Tan Xiaozhou 60165
Chang Wengpe *see* Lu Zhiyong 58467
Chang Wensen *see* Wu Erhui 27112
Chang Won Lee Analysis of electromagnetic scattering by periodic strip grating on a grounded dielectric slab for arbitrary plane wave incidence 33939
Chang Woo Lee, Sang Uk Lee Classified vector quantizer technique for image coding employing the linear phase paraunitary M-band filter bank 46118
Chang Woo Lee *see* Yong Tae Kim 23174
Chang Xiu Cuo *see* Cuo Chang Xiu
Chang Xiulan *see* Xiang Xianbi 20030
Chang Yang-Hueng *see* Yang-Hueng Chang
Chang Yao-Chang *see* Yao-Chang Chang
Chang Yao-Wen *see* Yao-Wen Chang
Chang Yau-Sheng *see* Yau-Sheng Chang
Chang Ye-In *see* Ye-In Chang
Chang Yen-Shung *see* Yen-Shung Chang
Chang Yia-Chung *see* Yia-Chung Chang
Chang Yian *see* Yian Chang
Chang Yilin, Sun Xianpu, Wu Jian A study of the application of Si_3N_4/SiO_2 film in the removing process 32210
Chang Yilin, Sun Xianpu, Wu Jian Statistical modeling of video traffic with variable bit rate in ATM-BISDN environment 35442
Chang Yilin *see* Sun Xianpu 46219
Chang Ying-Lan *see* Ying-Lan Chang
Chang Yoon Hee *see* Yoon Hee Chang
Chang Youg-Hak *see* Youg-Hak Chang
Chang Young Keun *see* Young Keun Chang
Chang Yu Hsiu *see* Yu Hsiu Chang
Chang Yu-Tai *see* Yu-Tai Chang
Chang Yu-Wen *see* Yu-Wen Chang
Chang Yuan-Hsiang *see* Yuan-Hsiang Chang
Chang Yub Park *see* Joon Han Kim 2896
Chang Yue-Shan *see* Jeng Yih 60223
Chang Yuen-Haw *see* Yuen-Haw Chang
Chang Yun-Lung *see* Yun-Lung Chang
Chang Yun-Nam *see* Yun-Nam Chang
Chang Yun-Nan *see* Yun-Nan Chang
Chang Yuqin *see* Yuqin Chang
Chang Yuwei *see* Yuwei Chang
Chang Zenghu *see* Shan Bing 17472
Chang Zenghu *see* Yan Xinglong 44429
Chang Zhong Yuan *see* Zhong Yuan Chang
Chang-Chung Wei Ping *see* Wei Ping Chang-Chung
Chang-Da Tsai, Hung-Pin Shiao, Ching-Ting Lee, Yuan-Kuang Tu High performances and reliability of novel GaAs MSM photodetectors with InGaP buffer and capping layers 58753
Chang-Da Tsai *see* Ching-Ting Lee 22427
Chang-Da Tsai *see* Ching-Ting Lee 54264
Chang-Da Tsai *see* Hsiao-Lung Chan 27584
Chang-De Xie *see* Xie Chang-De
Chang-Dong Kim, Matsumura, M. Short-channel amorphous-silicon thin-film transistors 12916
Chang-Eob Kim, Yong-Bae Jung, Sang-Baeck Yoon, Dal-Ho Im The fault diagnosis of rotor bars in squirrel cage induction motors by time-stepping finite element method 50981
Chang-Eon Kang *see* Young-Hwan Kim 55057
Chang-Eop Kwak, Tae-Ho Song Experimental and numerical study on natural convection from upward horizontal rectangular grooved fins 257
Chang-Fa Yang, Chuen-Jyi Ko A ray tracing method for modeling indoor wave propagation and penetration 34045
Chang-Fa Yang, Chuen-Jyi Ko, Boau-Cheng Wu A free space approach for extracting the equivalent dielectric constants of the walls in buildings 34061
Chang-Geun Ahn *see* Seo-Kyu Lee 54665
Chang-Gu Choi, Soonchil Lee, Won-Jong Lee NO gas-sensing characteristics of copper phthalocyanine film prepared by plasma-activated evaporation 7482
Chang-Gyu Hwang *see* Il-Kwon Kim 41170
Chang-Gyun Kim *see* Hyeong-Gil Joo 51099
Chang-Hasnain, C.J., Vail, E.C., Wa, M.S. Widely-tunable micro-mechanical vertical cavity lasers and detectors 44451
Chang-Hasnain, C.J. *see* Francis, D.A. 23999
Chang-Hasnain, C.J. *see* Giaretta, G. 36553
Chang-Hasnain, C.J. *see* Giaretta, G. 55735
Chang-Hasnain, C.J. *see* Li, M.Y. 55610
Chang-Hasnain, C.J. *see* Lim, S.F. 44546
Chang-Hasnain, C.J. *see* Lim, S.F. 58740
Chang-Hasnain, C.J. *see* Vail, E.C. 55650
Chang-Hasnain, C.J. *see* Wu, M.S. 44175
Chang-Hasnain, C.J. *see* Wu, Y.A. 23927
Chang-Hasnain, C.J. *see* Wu, Y.A. 44495
Chang-Hasnain, C.J. *see* Yuen, W. 55737
Chang-Hee Lee, Sang-Soo Lee, Hyang Kyun Kim, Jung-Hee Han Transmission of directly modulated 2.5-Gb/s signals over 250-km of nondispersion-shifted fiber by using a spectral filtering method 16708
Chang-Hee Won, Sain, M.K., Spences, B.F., Jr. Interpretations of risk-sensitivity in dynamic optimization of circuit and systems 52933
Chang-Ho Choi *see* Byoung-Jin Kim 19861
Chang-Hoon Choi *see* Jin-Kyu Park 13104
Chang-Hoon Choi *see* Sang-Hoon Lee 13105

Chang-Hun Kim, Myoung-Woo Hong, Nishihara, S. Reconstructing 3D models with algebraic curved surfaces from three-view drawings 5308
Chang-Hwan Kim *see* Gyu-Sik Kim 29312
Chang-Hwang Ahn *see* Bok-Hee Lee 44855
Chang-Hyo Lee *see* Sang-Gi Lee 43014
Chang-Hyun Kim *see* Jei-Hwan Yoo 1335
Chang-Il Kim, Kwang-Ho Kwon, Sun-Jin Yun, Sang-Gi Kim, Kyu-Ha Baek, Kee-Soo Nam Al corrosion phenomena on the Al grain boundary after AlCu plasma etching 54528
Chang-Il Kim *see* Il-Sup Jin 42603
Chang-Jae Park *see* Joon-Seo Yim 41189
Chang-Jae Park *see* Joon-Seo Yim 41225
Chang-Jong Wang *see* Sei-Hoon Lee 6304
Chang-Joo Kim, Young-Soo Kim, Goo-Young Jeong, Done-Doo Lee Matched filter bound of square QAM in multipath Rayleigh fading channels 24632
Chang-Joo Youn *see* Keunjoo Kim 2402
Chang-Joon Park, Joon-Hyung Jeon, Heung-Moon Choi An efficient block segmentation and classification of a document image using edge information 57167
Chang-Joon Park, Joon-Hyung Jeon, Tak-Mo Koo, Heung-Moon Choi An edge-based block segmentation and classification for document analysis with automatic character string extraction 25351
Chang-Min Kim *see* Dong-Gak Kim 4325
Chang-Min Park, Kyung Ho Shin Reduction of interlayer coupling in NiFeCo/Cu/NiFeCo/FeMn spin valve structures by lowering argon sputtering pressure 32822
Chang-Nam Ahn *see* Seong-Ho Jeon 32271
Chang-Ping Yang *see* Yi-Zhong Wang 55029
Chang-Qian Chen *see* Chen Chang-Qian
Chang-Qing Sun *see* Sun Chang-Qing
Chang-Qing Xu, Takemasa, K., Nakamura, K., Wada, H., Takamori, T., Okayama, H., Kamijoh, T. Confirmation of AlGaAs crystal domain inversion using asymmetric wet etching and optical second-harmonic generation methods 33626
Chang-Qing Xu *see* Shinozaki, K. 14369
Chang-R Lee *see* Ok Kim 23227
Chang-Ru Lee *see* Pan, W.H.T. 37746
Chang-Shiarn Lin, Chern-Lin Chen A single-switch soft-switching electronic ballast with high input power factor 9720
Chang-Shik Ham *see* Kee-Choon Kwon 38478
Chang-Shik Min Vector algorithm for multi-layered reinforced concrete shell element stiffness matrix 52585
Chang-Shing Lee *see* Chao-Lieh Chen 53453
Chang-Shun Chen, Cheng-Tzu Kuo, Tai-Bor Wu, I-Nan Lin Microstructures and electrical properties of V_2O_5-based multicomponent ZnO varistors prepared by microwave sintering process 54728
Chang-Shyan Lin *see* Kuo, C.J. 5485
Chang-Sik Son, Seong-Il Kim, Byung-Don Min, Yong Kim, Eun Kyu Kim, Suk-Ki Min, In-Hoon Choi Electrical properties of heavily carbon-doped GaAs epilayers grown by atmospheric pressure metalorganic chemical vapor deposition using CBr_4 31815
Chang-Sik Son *see* Seong-Il Kim 10756
Chang-Song Zhou *see* Zhou Chang-Song
Chang-Soo Huh, Sang-Durk Park Quantitative method for determining surface erosion of silicone rubber used for outdoor insulator 50610
Chang-Soo Kim *see* Byung-Ki Sohn 27457
Chang-Soo Kim *see* Dae-Hyuk Kwon 27458
Chang-Soo Sone *see* Byeong-Cheol Choi 58187
Chang-Soon Kwon *see* Jong-Heun Lee 36753
Chang-Soon Park *see* Chul-Jin Park 57924
Chang-Su Huh Quantitative method for determining surface erosion of silicon rubber for outdoor insulator by the measurement of leakage current under artificial salt fog condition 8935
Chang-Su Huh, Hanku-Joe, Jae-Bok Lee A study on the electrical characteristics of the fluorocarbon 23159
Chang-Su Huh, Jae-Bok Lee A study on the breakdown characteristics of the fluorocarbon 19808
Chang-Suk Kang *see* Soon Oh Park 1350
Chang-Sun Hong, Chun-Gon Kim, Il-Bum Kwon, Joong-Wan Park Simultaneous strain and failure sensing of composite beam using an embedded fiber optic extrinsic Fabry-Perot sensor 17399
Chang-Sun Hwang, Mun-Soo Kim, Yang-Woo Lee, Dong-Wan Kim A design on model following control system of DC servomotor using GMDH controller and PI controller 9265
Chang-Tai Xia, Chun-Shan Shi $BaLiF_3(Eu^{2+})$: a promising X-ray storage phosphor 23672
Chang-Tai Yu *see* Feng-Zhen Guo 55307
Chang-Wan Son *see* Ji-Yeon Son 16100
Chang-Woo Kim, Hayama, N., Goto, N., Honjo, K. High-linearity and small-chip AlGaAs/GaAs power HBTs for L-band personal digital cellular applications 41445
Chang-Xue Feng, Chun-Che Huang, Kusiak, A., Pei-Gen Li Representation of functions and features in detail design 143
Chang-Yao Zhang *see* Zhang Chang-Yao
Chang-Yu Chen *see* Shyh-Jye Jou 21588
Chang-Yul Cheon *see* Young-Ho Lee 41412
Chang-Zheng Sun *see* Yi Luo 14134
Chang-Zhi Gu *see* Gu Chang-Zhi
Changa Jen-Tsorng *see* Jen-Tsorng Changa
Changchun Zhu *see* Zhu Changchun
Changde Gong *see* Zhenghao Wang 43793
Changdon Kee, Walter, T., Yi-Chung Chao, Yeou-Jyh Tsai, Enge, P., Parkinson, B.W. Comparison of master station and user algorithms for wide-area augmentation system 27114
Changge Qiao *see* Qiao Changge
Changhae Park *see* John, J.P. 2654
Changhai Wang, Bacon, M., Kar, A.K., Wherrett, B.S., Baxter, R.L. Characterisation of long M-state lifetime bacteriorhodopsin thin films for optical cache memory 43905
Changhong Dai, Walstra, S.V., Shiuh-Wuu Lee The effect of intrinsic capacitance degradation on circuit performance 2808
Changhong Dai *see* Kameyama, A. 12906
Changhong Liang *see* Jun Chen 21901
Changhong Liang *see* Xiaodong Zeng 55796
Changhong Liang *see* Liang Changhong
Changhoon Yim, Bovik, A.C., Aggarwal, J.K. Bayesian range segmentation using focus cues 5401
Changhua Tan, Mingzhen Xu, Yandong He, Yangyuan Wang Dynamics of surface charge region of thin insulator N-type MOS structures 12569
Changhua Tan *see* Tan Changhua
Changhua Wang *see* Wang Changhua
Changhwan Oh *see* Yu-Hyun Kim 16050
Changhyun Kim *see* Kyuchan Lee 53291
Changhyun Lee *see* Jinsoo Song 30860
Changjae Park *see* Joonseo Yim 53334
Changjiang Wang *see* Wang Changjiang
Changjin Yao *see* Yao Changjin
Changjing Shang, Cowan, C.F.N., Holt, M.J.J. Least-mean-log-likelihood adaptive algorithm in single-layer perceptron based communication channel equalisation 16017
Changjun Li, Evans, D.J. A new iterative method for large sparse linear systems 21120
Changku Hwang, Motamed, A., Ismail, M. LV complementary differential pair with programmable rail-to-rail constant-g_m 53048
Changku Hwang *see* Motamed, A. 1151
Changle Li *see* Li Changle
Changlin Li *see* Li Changlin
Changming Sun, Sherrah, J. 3D symmetry detection using the extended Gaussian image 46078
Changming Zhou *see* Sawahashi, M. 26537
Changpin Chen *see* Chen Changpin
Changqing Hu *see* Hu Changqing
Changqing Sun *see* Sun Changqing
Changqing Tang *see* Tang Changqing
Changqing Wang *see* Wang Changqing
Changqing Zhan *see* Zhan Changqing
Changshen Chen *see* Chen Changshen
Changsheng Chou *see* Chou Changsheng
Changsheng Xu *see* Xu Changsheng
Changshun Guo *see* Guo Changshun
Changsik Yoo, Seung-Wook Lee, Wonchan Kim An automatic tuning scheme for G_m-C filters with an integrator as master 1569
Changsoo Eun, Powers, E.J. A new Volterra predistorter based on the indirect learning architecture 25808
Changsuk Oh *see* Kil-Sung Han 57904
Changsup Ryu *see* Loke, A.L.S. 12570
Changwen Ma *see* Ma Changwen
Changxi Yang, Pochi Yeh Artificial uniaxial and biaxial dielectrics with the use of photoinduced gratings 33736
Changxi Yang, Yeh, P. Form birefringence of volume gratings in photopolymers 14412
Changxin Fab *see* Fab Changxin
Changxin Fan *see* Fan Changxin
Changxing Pei *see* Pei Changxing
Changyin Sun *see* Sun Changyin
Changying Li *see* Li Changying
Changyou Zhang *see* Rapp, R.H. 18902
Changyul Cheon *see* Seung-Hyun Song 41557
Changzhen Hu *see* Hu Changzhen
Changzhi Gu *see* Gu Changzhi
Changzhi Lu *see* Lu Changzhi
Changzhong Zhu, Dunham, C., Schmidt, D. Generalized strong unicity constants in linear uniform approximation 535
Chani, V.I., Shimamura, K., Endo, S., Fukuda, T. Growth of mixed crystals of the $KTiOPO_4$ (KTP) family 30726
Chani, V.I. *see* Yu, Y.M. 30725
Chanjuan Yang *see* Yang Chanjuan
Chankyong Yang *see* Jooseok Song 26316
Channin, D.J. *see* Hammer, J.M. 55335
Channing, I. Great expectations [DECT] 58138
Chano, S. *see* Benmouyal, G. 60437
Chansik Park, Ilsun Kim, Jang Gyu Lee, Gyu-In Jee A satellite selection criterion incorporating the effect of elevation angle in GPS positioning 17003
Chanson, S.T. *see* Lee, K.K. 46634
Chansungsan, C. Coherent terahertz radiative dynamics of excitons from ultrafast optical excitation of single semiconductor quantum wells 24196
Chant, I.J., Rye, A.R. Overview of current radar land mine detection research at the Defence Science and Technology Organisation, Salisbury, South Australia 18993
Chante, J.-P. *see* Calmon, F. 22855
Chante, J.P. *see* Calmon, F. 40890
Chante, J.P. *see* Godignon, P. 22805
Chante, J.P. *see* Sarrus, F. 51160
Chante, J.P. *see* Viverge, P.J. 51365
Chantler, M.J., Stoner, J.P. Automatic interpretation of sonar image sequences using temporal feature measures 46069
Chantre, A. *see* Gravier, T. 43351
Chantre, A. *see* Le Tron, B. 54604
Chantry, P.J., Liberman, I., Verbanets, W.R., Petronio, C.F., Cather, R.L., Partlow, W.D. Miniature laser-pumped cesium cell atomic clock oscillator 27942
Chanzhe Zhang *see* Zhang Chanzhe
Chao, A. A simulation study of the sawtooth behavior 49243
Chao, A. *see* Heifets, S. 49221
Chao, A.W. Summary of the working group on impedances 17892
Chao, A.W., Kim, K.-J. Collective effects in isochronous storage rings 18048
Chao, C.-I. *see* Chen, S.-A. 33301
Chao, C.-P. *see* Xu, L. 55693
Chao, H.J., Daein Jeong Generalized priority queue manager design for ATM switches 5740
Chao, H.Y., Borja, R.I. Nonlinear FE model for SSI analysis 19460
Chao, H.Y. *see* Antos, J. 37373
Chao, J.-H., Niu, H. Measurement of neutron dose by a moderating germanium detector 37925
Chao, J.L., Russak, M.A. Media tribology optimization for proximity recording 32833
Chao, J.L.C. *see* Chen, C.-C. 31272
Chao, K. *see* Toga, A.W. 59490
Chao, K.A. *see* Muller, H.-O. 54712
Chao, K.A. *see* Muller, H.-O. 54714
Chao, L.-F. *see* Bhupathi, I. 11297
Chao, L.-F. *see* Surti, P. 11294
Chao, L.-L., Cargill, G.S., III, Kothandaraman, C., Marshall, T., Snoeks, E., Buijs, M., Haberern, K., Petruzzello, J., Haugen, G.M., Law, K.K. Activation energy of nonradiative processes in degraded II-VI laser diodes 33559
Chao, L.-L., Cargill, G.S., III, Levy, M., Osgood, R.M., Jr., McLane, G.F. Cathodoluminescence study of GaAs quantum wells and of submicron dots fabricated by magnetron reactive ion etching 42178
Chao, M. *see* Samuel, A.E. 35306
Chao, R. *see* Li, J. 59739
Chao, T.-H., Yacoubian, A., Lau, B. Portable optical wavelet processor 7235
Chao, T.S., Chien, C.H., Hao, C.P., Liaw, M.C., Chu, C.H., Chang, C.Y., Lei, T.F., Sun, W.T., Hsu, C.H. Suppression of boron penetration in p^+-poly-Si gate metal-oxide-semiconductor transistor using nitrogen implantation 54651
Chao, T.S., Chu, C.H. Inductive-coupling-nitrogen-plasma process for suppression of boron penetration in BF_2^+-implanted polycrystalline silicon gate 22450
Chao, T.S. *see* Lai, C.S. 42615
Chao, Y.-C. *see* Chu, P.-T. 54506
Chao, Y.-J., Lam, P.-S. Effects of crack depth, specimen size, and out-of-plane stress on the fracture toughness of reactor vessel steels 19503
Chao Chen *see* Shernyakov, Yu.M. 55653
Chao Chen *see* Chen Chao
Chao Chern-Ching *see* Chern-Ching Chao
Chao Chi-Chao *see* Chi-Chao Chao
Chao Chia-Chi *see* Chia-Chi Chao
Chao Chiang-Nan *see* Chiang-Nan Chao
Chao Chieh-Yuan *see* Chieh-Yuan Chao
Chao Ching-Ian *see* Ching-Ian Chao
Chao Chung-Woei *see* Chung-Woei Chao
Chao Chung-Yen *see* Chung-Yen Chao
Chao Fu-Zhen *see* Chang Gong-Ming 27779
Chao Hainin *see* Zhang Junghong 54760
Chao Huan Hou *see* Hou Chao Huan
Chao Jung-Jae *see* Jung-Jae Chao
Chao Kai-Yuan *see* Kai-Yuan Chao
Chao Li Wei *see* Li Wei Chao
Chao Liang-Fang *see* Liang-Fang Chao
Chao Lu-Ping *see* Lu-Ping Chao
Chao Min-Kang *see* Min-Kang Chao
Chao Nien-Hua *see* Nien-Hua Chao
Chao Shiuh *see* Shiuh Chao
Chao Shu-Chi *see* Shu-Chi Chao
Chao Shun-Lung *see* Shun-Lung Chao
Chao Su, Lian-Kuan Chen, Kwok-Wai Cheung Theory of burst-mode receiver and its applications in optical multiaccess networks 58270
Chao Sun *see* Sun Chao
Chao Tao Zhi *see* Zhi Chao Tao
Chao Tien Sheng *see* Tien Sheng Chao
Chao Wei Chung *see* Wei Chung Chao
Chao Ye, King-Shun Lam, Kin-Pong Chik, Lo, D., Kin-Hung Wong Output performance of a dye-doped sol-gel silica laser in the near UV 13987
Chao Yi-Chung *see* Yi-Chung Chao
Chao Yianxin *see* Zhang Junghong 54760
Chao Yu-Faye *see* Yu-Faye Chao
Chao Zhang *see* Zhang Chao
Chao-An Li, Johnson, R.B., Svoboda, A.J. A new unit commitment method 50469
Chao-An Li, Svoboda, A.J., Chung-Li Tseng, Johnson, R.B., Hsu, E. Hydro unit commitment in hydro-thermal optimization 60335
Chao-An Li *see* Svoboda, A.J. 50467
Chao-Chen Du *see* Hsiao-Lung Chan 49696
Chao-Hao Lee, Bor-Shenn Jeng, Hon-Fai Yau, Pei-Yih Ting, Shyh-Rong Lay, Chien-Cheng Tseng

Intelligent radical-based on-line Chinese character recognition system 5510
Chao-Hsin Chien, Chun-Yen Chang, Horng-Chih Lin, Shean-Guang Chiou, Tiao-Yuan Huang, Tsai-Fu Chang, Szu-Kang Hsien The role of resist for ultrathin gate oxide degradation during O_2 plasma ashing 54291
Chao-Hsin Chien, Chun-Yen Chang, Horng-Chih Lin, Tsai-Fu Chang, Shean-Guang Chiou, Liang-Po Chen, Tiao-Yuan Huang Resist-related damage on ultrathin gate oxide during plasma ashing 22743
Chao-Hsing Huang *see* Sheng-Lyang Jang 2602
Chao-Hsiung Huang *see* Tsen, K.T. 12342
Chao-Ju Hou *see* Hung-Ying Tyan 26764
Chao-Jung Chen *see* Sheng-Hua Lu 14234
Cha'o-Kuang Chen, Jin-Mu Lin, Chieh-Li Chen Error bounds estimate of weighted residuals method using genetic algorithms 21116
Chao-Kuang Chen, Shing-Huei Ho Application of differential transformation to eigenvalue problems 10468
Cha'o-Kuang Chen, Tzu-Li Tien A new forecasting method for time continuous model of dynamic system 10507
Chao-Kun Lin *see* Bond, A.E. 13008
Chao-Kun Lin *see* Dapkus, P.D. 23924
Chao-Kun Lin *see* Yong Cheng 44568
Chao-Liang Chen, Kei-Yong Khoo, Willson, A.N., Jr. A simplified signed powers-of-two conversion for multiplierless adaptive filters 1584
Chao-Lieh Chen, Chang-Shing Lee, Yau-Hwang Kuo Design of high speed weighted fuzzy mean filters with generic LR fuzzy cells 53453
Chao-Ming Huang, Hong-Tzer Yang, Ching-Lien Huang A fuzzy bi-objective decision method for dispatch of electrical power load 50402
Chao-Ming Wang *see* Jui-Man Chiu 46334
Chao-Pin Yeh *see* Wu, S.X. 39758
Chao-Shin Su *see* Yi-Jen Chan 54395
Chao-Shun Chen *see* Chen Chao-Shun
Chao-Ton Su *see* Lee-Ing Tong 52317
Chao-Wang Chen, Shau, Y.-W.R., Chien-Ping Wu Analog transmission line model for simulation of systemic circulation 18178
Chao-Xiang Shi Nonlinear performances of photoinduced fiber grating mode converter and their application 43929
Chao-Ye *see* Ming-Rong Shen 915
Chaobao Wang *see* Wang Chaobao
Chaoen Huang *see* Huang Chaoen
Chaohai Zhang *see* Zhang Chaohai
Chaohao Cai *see* Cai Chaohao
Chaohua Ma *see* Ma Chaohua
Chaohuan Hou *see* Hou Chaohuan
Chaojing Tang *see* Tang Chaojing
Chaokumnerd, W., Prapinmongkolkarn, P. Performance analysis of the NxN non-blocking packet switch with M/M/C path at head-of-line 16305
Chaoli Lee *see* Morris, J.E. 41620
Chaoli Ma *see* Qiyin Fang 13557
Chaoqiang Li *see* Li Chaoqiang
Chaosi Zheng *see* Zheng Chaosi
Chaouch, M. *see* Jaber, B. 52803
Chaowen Yu *see* Yu Chaowen
Chaoyang Chen *see* Chen Chaoyang
Chaoyu Yue *see* Liu, K. 26937
Chapa, J.O., Raghuveer, M.R. Matched wavelets–their construction, and application to object detection 25661
Chapa, J.O. *see* Raghuveer, M.R. 24941
Chaparala, P., Suehle, J.S. Characterization of intrinsic thin silicon dioxide breakdown under static and dynamic stress 39933
Chaparala, P. *see* Semancik, S. 10923
Chaparala, P. *see* Suehle, J.S. 54890
Chaparro, F. *see* Orozco, P. 7622
Chaparro, L.F. *see* Akan, A. 15366
Chaparro, L.F. *see* Akan, A. 34924
Chaparro, L.F. *see* Al-Shoshan, A.I. 24921
Chaparro, L.F. *see* Kosanovic, B.R. 28345
Chaparro, S. *see* Espada, L.I. 724
Chapeau-Blondeau, F., Godivier, X. Theory of stochastic resonance in signal transmission by static nonlinear systems 45879
Chapelain, D., Cadoret, R., Jaillard, A., Abiven, J., Wicker, A., Adondi, O. Optical access networks in France: deployment for business customers and introduction in residential area for multimedia services 47911
Chapelon, J.-Y. *see* Tavakkoli, J. 49780
Chapelon, J.Y. *see* Dupenloup, F. 8101
Chapin, J. *see* Baouchi, W. 10858
Chaplais, F. Algebras and nonlinear multiresolution analysis that are consistent with the Strang and Fix conditions 45773
Chaplik, A.V. *see* Magarill, L.I. 12424
Chaplin, B.A. *see* Greening, W.J.T. 8526
Chaplin, C.B. *see* Enloe, C.L. 44912
Chaplin, C.P., Rich, F., Pakula, W.A., Cooke, D.L., Lloyd, J.R., Zhenya Ma, Yaunzhong Zhou, MacGregor, R., Chung Chan, Enloe, C.L., Huber, A.C., Everest, A.W., Morgan, A. A new digital ion drift meter for thermal plasma measurement 8459
Chaplin, D.J. *see* Collingridge, D.R. 49407
Chaplin, K.M. *see* Adams, P.F. 47417
Chaplinsky, J.T. *see* Keusseyan, R.L. 53809
Chaplygin, Ye.Ye. *see* Labuntsov, V.A. 8782
Chaplygin, Ye.Ye. *see* Labuntsov, V.A. 28750
Chapman, C. *see* Qinglin Ma 28118
Chapman, D. *see* Petkov, R. 51276
Chapman, F.X., Hammonds, B. The effect of DC offset on instantaneous operating characteristics of low-voltage circuit breakers 38898
Chapman, G. *see* Tewksbury, S. *(editor)* 20421
Chapman, G.H., Dufort, B. Making defect avoidance nearly invisible to the user in wafer scale field programmable gate arrays 31248
Chapman, G.H. *see* Audet, Y. 23057
Chapman, G.H. *see* Audet, Y. 36545
Chapman, G.R. *see* Hamilton, W.J. 7781
Chapman, G.R. *see* Wu, O.K. 48663
Chapman, H. *see* Owens, A. 18148
Chapman, J.N. *see* Khamsehpour, B. 3098
Chapman, J.N. *see* Valera, M.S. 3255
Chapman, J.T., Hartog, D.J.D. Calibration techniques for a fast duo spectrometer [in MST RFP] 36383
Chapman, J.W. *see* Arai, Y. 37267
Chapman, J.W. *see* Arai, Y. 37268
Chapman, L.D. *see* Johnston, R.E. 37639
Chapman, M.S. *see* Lenef, A. 27913
Chapman, N.R., Lindsay, C.E. Matched-field inversion for geoacoustic model parameters in shallow water 18863
Chapman, N.R. *see* Ozard, J.M. 18758
Chapman, R.A. *see* Thakar, G.V. 2812
Chapman, R.D. *see* Gotwols, B.L. 8491
Chapman, R.K. The needs of the nuclear power generation industry for reliable inspection 38469
Chapman, S. *see* Burley, G.S. 17549
Chapman, S.C., Burley, G.S., Walker, G.A.H., Parameswaran, A. Etch alignment of CCD mosaic hybrid 58843
Chapoton, A. *see* Boughriet, A.-H. 27874
Chappel, D.C., Smith, J.P., Taylor, S., Eccleston, W., Das, M.K., Cooper, J.A., Melloch, M.R. High frequency CV characteristics of plasma oxidised silicon carbide 22572
Chappel, J.F., Zaky, S.G. EMI effects and timing design for increased reliability in digital systems 31198
Chappell, A.R., Mitchell, C.M. Use of visualization and contextualization in training operators of complex systems 59940
Chappell, B.A. *see* Haring, R.A. 1263
Chappell, B.A. *see* Narayanan, V. 11346
Chappell, D. Netscape vs. Microsoft: the battle for the Web 16227
Chappell, J. Fiber testing: complexity breeds versatility 36183
Chappell, P.H. *see* Sharkh, S.M.A. 61263
Chappell, T.I. *see* Haring, R.A. 1263
Chappelle, E.W. *see* Corp, L.A. 8547
Chapple, C.L. *see* Faulkner, K. 8215
Chapron, B. *see* Kerbaol, V. 38092
Chapuis, R. *see* Potelle, A. 51780
Chapuis, R. *see* Rouquet, C. 15448
Chapuran, T.E., Kerpez, K.J., Menendez, R.C., Wagner, S. Taking broadband services into the home 27168
Chapurin, I.V. *see* Panasyuk, L.M. 24267
Chaput, F., Boilot, J.-P., Riehl, D., Canva, M., Levy, Y., Brun, A. Photorefractivity of functionalized silica films prepared by sol-gel method 33201
Chaput, F. *see* Bentivegna, F. 24188
Chaput, F. *see* Brunel, M. 14384
Chaput, F. *see* Darracq, B. 23440
Chaput, F. *see* Faloss, M. 23767
Chaput, J.-P. *see* Beaurin, O. 53203
Char, J.G. *see* Ananthapadmanabha, T. 38341
Char, K. *see* Berkowitz, S.J. 3291
Char, K. *see* Grossman, E.N. 32962
Char-Dir Chung Differentially amplitude and phase-encoded QAM for the correlated Rayleigh-fading channel with diversity reception 47620
Charache, G. *see* Ehsani, H. 10749
Charache, G. *see* Wojtczuk, S. 39225
Charache, G.W., Egley, J.L., Danielson, L.R., DePoy, D.M., Baldasaro, P.F., Campbell, B.C., Hui, S., Fraas, L.M., Wojtczuk, S.J. Current status of low-temperature radiator thermophotovoltaic devices 38994
Charache, G.W. *see* Shellenbarger, Z.A. 39226
Charafi, A., Wrobel, L.C. A new h-adaptive refinement scheme for the boundary element method using local reanalysis 40250
Charagundla, S.R. *see* Reddy, R. 59409
Charap, S.H., Pu-Ling Lu, Yanjun He Thermal stability of recorded information at high densities 32846
Charara, A., De Mires, J. Active magnetic bearing: advantage of the functioning without premagnetization 55072
Charara, A. *see* Ki-Chul Kim 60761
Charara, A. *see* Ki-Chul Kim 60766
Charbonneau, S. *see* Piva, P.G. 44599
Charbit, G., Manoukian, H.H., Honary, B. Array codes over rings and their trellis decoding 4458
Charbon, E., Gharpurey, R., Meyer, R.G., Sangiovanni-Vincentelli, A. Semi-analytical techniques for substrate characterization in the design of mixed-signal ICs 11114
Charbon, E., Miliozzi, P., Malavasi, E., Sangiovanni-Vincentelli, A.L. Generalized constraint generation in the presence of non-deterministic parasitics 11093
Charbon, E. *see* Vassiliou, I. 11115
Charbonneau, S. *see* Fafard, S. 24021
Charbonneau, S. *see* Goldberg, R.D. 12698
Charbonneau, S. *see* Hong, J. 55831
Charbonneau, S. *see* Labrie, D. 12431
Charbonneau, S. *see* Noel, J.-P. 14098
Charbonnier, B., Georges, T. Influence of power variations along a transmission line on soliton interaction 6736
Charbonnier, B., Georges, T. Reduction of dispersion impairment of soliton systems through chirp control at amplifier location 47898
Charbonnier, B. *see* Favre, F. 47963
Charbonnier, B. *see* Georges, T. 26713
Charbonnier, M. *see* Tomas, C. 53895
Charbonnier, P., Blanc-Feraud, L., Aubert, G., Barlaud, M. Deterministic edge-preserving regularization in computed imaging 25643
Charbonnier, P. *see* Koulibaly, P.M. 59521
Chardin, A. *see* Dussert, C. 46026
Chardon, A. *see* Sanchez, F. 23863
Chardon, A. *see* Sanchez, F. 44423
Chardonnet, Ch., Durand, P.E., Nogues, G., Bernard, V., Amy-Klein, A. Optical selection of slow molecules in Doppler-free two-photon spectroscopy 36362
Charette, A., Xu, J., Lakhsasi, A., Yao, Z., Rajagopalan, V. Modeling and validation of asynchronous machine taking into account the saturation effects 39268
Charette, R.de *see* de Charette, R.
Chari, K. Multi-hour design of computer backbone networks 47085
Chari, K.S. *see* Rao, P.R.S. 22454
Chari, M.K., Feo, T.A., Provan, J.S. The Delta-Wye approximation procedure for two-terminal reliability 10219
Chari, M.K., Provan, J.S. Calculating K-connectedness reliability using Steiner bounds 10218
Charil, J. *see* Nakajima, H. 6729
Charil, J. *see* Nakajima, H. 26910
Charitat, G. *see* Beydoun, B. 43034
Charitat, G. *see* Furio, C. 40904
Charitat, G. *see* Moncoqut, D. 22823
Charitat, G. *see* Nolhier, N. 43208
Charitat, G. *see* Sanchez, J.-L. 40895
Charkaborty, I. *see* Tang, T.K. 59882
Charkey, A. *see* Coates, D. 60998
Charlebois, D., Goodenough, D.G., Bhogal, A.S., Matwin, S. Case-based reasoning and software agents for intelligent forest information management 8401
Charlebois, D. *see* Bhogal, A.S. 8552
Charlebois, D. *see* Goodenough, D.G. 57069
Charles, A., Chandon, Y., Bergeret, F., Garcia, L. Photolithography equipment control through D-optimal design 42815
Charles, C., Boswell, R.W. Ion contribution to the deposition of silicon dioxide in oxygen/silane helicon diffusion plasmas 30877
Charles, D., Fyfe, C. Using local-in-time Hebbian learning to decipher movement in video 46067
Charles, H.J., Jr. Cost versus technology trade-offs for multichip modules 12046
Charles, H.K., Jr. Assembly constraints in high-speed packaging applications 39839
Charles, H.K., Jr., Mach, K.J., Edwards, R.L., Lehtonen, S.J. Wirebonding for multichip modules 53839
Charles, J.-P. *see* Elmazria, O. 32415
Charles, O. *see* Groz, R. 25957
Charles, S.W. *see* Fannin, P.C. 43605
Charlesworth, W. *see* Leslie, A.S. 19603
Charleux, M. *see* Hartmann, J.M. 755
Charleux, M. *see* Hartmann, J.M. 21245
Charleux, M. *see* Hartmann, J.M. 42132
Charleux, M. *see* Hartmann, J.M. 52704
Charlier, J., Detalle, V., Valin, F., Bureau, C., Lecayon, G. Study of ultrathin polyamide-6,6 films on clean copper and platinum 30861
Charlier, J.-C. *see* Blase, X. 23025
Charlton, D. *see* Saint-Pe, O. 49977
Charlton, P. *see* Gray, A. 729
Charlton, S.J. *see* Carter, S.J. 29120
Charlton, T. *see* Jones, P. 19922
Charmantzis, F.C., Courcoubetis, C., Siris, V., Stamoulis, G.D. A comparative study of usage-based charging schemes 46875
Charmot, H., Dutriat, C., Hill, C.E., Langbein, K., Lombardi, A.M., O'Neil, M., Tanke, E., Vretenar, M. Operational experience with the CERN hadron linacs 49026
Charnes, C. *see* Ghodosi, H. 24772
Charnes, C. *see* Pieprzyk, J. 24766
CharnKeitKong, P., Imai, H., Yamaguchi, K. On classes of rate k/(k+1) convolutional codes and their decoding techniques 24720
Charnois, T. *see* Biebow, B. 6269
Charollais, C. *see* Crenn, J.P. 24520
Charonov, V.Ya., Muzagitov, M.M., Ivanov, A.G., Gorchakov, V.V., Arzamasov, V.L., Mikhailov, V.V. Electric heating of petroleum boreholes to remove paraffin deposits 20279
Charpentier, F. *see* Sorin, C. 46959
Charpentier, X. *see* Moreau, C. 9315
Charpin, P. Self-dual codes which are principal ideals of the group algebra $\mathbf{F}_2[\{\mathbf{F}_{2^m}, +\}]$ 45540
Charpin, P., Zinoviev, V. On coset weight distributions of the 3-error-correcting BCH-codes 45591
Charpin, P. *see* Berger, T.P. 24721
Charra, F. *see* Fiorini, C. 33706
Charra, F. *see* Fiorini, C. 55156
Charras, J.P. *see* Dumontier, C. 46475

Charraut, D., Courjon, D., Bainier, C., Moulinier, L. Optical near-field image processing by the Karhunen-Loeve transform 46031
Charraut, D. *see* Oriat, L. 49848
Charrier, C., Cherifi, H. Minimization of color image entropy through colorimetric transformation 46350
Charrier, M. *see* Paineau, S. 13891
Charruau, S. Effects of built-in quality constraints in multilayered PCB's design rules on their routability 11854
Charruau, S., Misson, H., Touboul, A. Taming the coupling effects during the design of multilayered substrates 11043
Chartier, A. *see* Chartier, J.-M. 24312
Chartier, E. *see* Blanck, H. 53667
Chartier, E. *see* Dhondt, F. 54613
Chartier, E. *see* Henkel, A. 41468
Chartier, G. *see* Nerin, P. 44417
Chartier, J.-M., Chartier, A. International comparisons of He-Ne lasers stabilized with $^{127}I_2$ at λ=633 nm 24312
Chartier, J.-M., Zarka, A., Aman, J. Intracavity iodine cell spectroscopy with an extended-cavity diode laser near 633 nm 14245
Chartier, J.-M. *see* Howick, E. 17160
Chartier, P. *see* Aubry, A. 10526
Chartier, P. *see* Sene, C. 61089
Chartier, P. *see* Indrea, E. 41947
Chartrand, B. *see* Kalukin, A.R. 20976
Chartrand, G., Schultz, M., Winters, S.J. On eccentric vertices in graphs 10314
Charty, B., Aubourg, M., Guillon, P. Perfectly matched layer: variable discretisation against variable conductivity 33967
Charukhchev, A.V. *see* Borodin, V.G. 24064
Charvillat, V., Thiesse, B. Registration of stereo-based 3D maps for object modeling: a stochastic yet intelligent solution 5295
Chary, M.N. *see* Jamal, M. 9475
Chary, R.V. *see* Brooks, D.H. 59725
Charzinski, J. A new approach to ATM access networks 35839
Chase, G., Patel, J. A low cost visual indicator for detecting ground connection failure of CRT filter screens 27796
Chase, M.P., Deal, M.D., Plummer, J.D. Diffusion modeling of zinc implanted into GaAs 32133
Chase, P., Gedeon, I. Voice and telephony over ATM (VTOA) to the desktop 6005
Chase, R.L., Rescia, S. A linear low power remote preamplifier for the ATLAS liquid argon EM calorimeter 59343
Chase, S.K. Electronic transfer between MCAD and ECAD systems 31045
Chason, E., Floro, J.A. Measurements of stress evolution during thin film deposition 42354
Chason, E., Mayer, T.M., Kellerman, B.K. Sputter roughening instability on the Ge(001) surface: energy and flux dependence 12774
Chason, E. *see* Floro, J.A. 10748
Chason, E. *see* Picraux, S.T. 12702
Chasovitin, Yu.K. *see* Ivanitskii, A.S. 31422
Chassande-Mottin, E., Auger, F., Flandrin, P. Supervised time-frequency reassignment 45780
Chassay, G. *see* Le Helloco, Y. 48040
Chassery, J. *see* Puech, W. 25459
Chassot, C. *see* Fournier, M. 6344
Chastney, D.J. *see* Wiefling, R.R. 39451
Chat-Uthai, C. *see* Ramirez, J.A. 44970
Chat-uthai, C. *see* Ramirez, J.A. 44989
Chatard, J.P. Detector dewar cooler assemblies trade-off with equipment needs: A key issue for cost reduction 17500
Chatard-Moulin, M. *see* Tantot, O. 27836
Chateau, F., Lebart, L. Assessing sample variability in the visualization techniques related to principal component analysis: bootstrap and alternative simulation methods 426
Chatei, H., Bougdira, J., Remy, M., Alnot, P., Bruch, C., Kruger, J.K. Effect of nitrogen concentration on plasma reactivity and diamond growth in a H_2-CH_4-N_2 microwave discharge 40422
Chateigner, D. *see* Nicoletti, S. 3293
Chateigner, D. *see* Wenk, H.-R. 32892
Chatelet, E. *see* Dutuit, Y. 39925
Chatfield, S., Cochran, D., Sadaka, M., Sinno, D. A system characterization/identification laboratory teaching tool for Internet 9921
Chatila, R. *see* Hebert, P. 15272
Chato, T. *see* Kamimura, S. 44320
Chaton, P. *see* Boudet, T. 3544
Chaton, P. *see* Robic, J.Y. 3568
Chatry, N., Perdereau, V., Milgram, M., Drouin, M., Riat, J.C. Vehicle lateral control by a feedback recurrent network 51824
Chattah, A.K., Briozzo, C.B., Osenda, O., Caceres, M.O. Effect of thermal noise on the current-voltage characteristics of Josephson junctions 3297
Chattejee, J.P. *see* Varghese, T. 28107
Chatterjee, A., Croley, D., Ramamurti, V., Kui-Yu Chang Application of machine learning to manufacturing: results from metal etch 22584
Chatterjee, A., Esquivel, J., Nag, S., Ali, I., Rogers, D., Taylor, K., Joyner, K., Mason, M., Mercer, D., Amerasekera, A., Houston, T., Chen, I.-C. A shallow trench isolation study for 0.25/0.18 μm CMOS technologies and beyond 2805
Chatterjee, A., Mason, M., Joyner, K., Rogers, D., Mercer, D., Kuehne, J., Esquivel, A., Mei, P., Murtaza, S., Taylor, K., Ali, I., Nag, S., O'Brien, S., Ashburn, S., Chen, I.-C. A study of integration issues in shallow trench isolation for deep submicron CMOS technologies 54800
Chatterjee, A., Nagi, N. Design for testability and built-in self-test of mixed-signal circuits: a tutorial 53458
Chatterjee, A., Nandakumar, M., Ih-Chin Chen An investigation of the impact of technology scaling on power wasted as short-circuit current in low voltage static CMOS circuits 11241
Chatterjee, A., Rodder, M., Chen, I.-C. A pass transistor and isolation design methodology and its implementation for improved manufacturability for 256 Mbit DRAM and beyond 53282
Chatterjee, A., Rogers, D., McKee, J., Ali, I., Nag, S., Chen, I.-C. A shallow trench isolation using LOCOS edge for preventing corner effects for 0.25/0.18 μm CMOS technologies and beyond 43299
Chatterjee, A. *see* Balivada, A. 21821
Chatterjee, A. *see* Fourmun Lee 30370
Chatterjee, A. *see* Heebyung Yoon 54739
Chatterjee, A. *see* Huslak, N.S. 25985
Chatterjee, A. *see* Huy Nguyen 53190
Chatterjee, A. *see* Kim, B. 31655
Chatterjee, A. *see* Nag, S. 42596
Chatterjee, A. *see* Nandakumar, M. 1238
Chatterjee, A. *see* Nguyen, H. 1492
Chatterjee, A. *see* Pendurkar, R. 1862
Chatterjee, A. *see* Saroch, A. 1952
Chatterjee, A. *see* Sasidhar, K. 31670
Chatterjee, A. *see* Sasidhar, K. 53854
Chatterjee, A. *see* Variyam, P.N. 52947
Chatterjee, B., Ringel, S.A., Hoffman, R., Jr. A comparison of hydrogen passivation in heteroepitaxial n⁺p and p⁺n solar cells 37979
Chatterjee, C., Chong, E.K.P. Efficient algorithms for finding the centers of conics and quadrics in noisy data 57193
Chatterjee, C., Roychowdhury, V.P. An efficient contrast-enhancement method using the analog to digital converter 5231
Chatterjee, C., Roychowdhury, V.P. An adaptive stochastic approximation algorithm for simultaneous diagonalization of matrix sequences with applications 39975
Chatterjee, D., Plumb, R.G. Stokes phenomenon in the development of microstrip Green's function and its ramifications 14705
Chatterjee, D., Plumb, R.G. Modeling far field patterns of cylindrical arrays for rapidly deployable radio networks (RDRN) using the NEC-basic scattering code 35899
Chatterjee, I., Williams, D.C. Computational exercises in antenna analysis and design for electrical engineering senior technical elective-graduate courses 20460
Chatterjee, I. *see* Yaofei Liu 8184
Chatterjee, J.P. *see* Lhamon, M.E. 5201
Chatterjee, M. *see* Pradhan, D.K. 11326
Chatterjee, M. *see* Pradhan, D.K. 11343
Chatterjee, P.K. *see* Karandikar, A. 16063
Chatterjee, R. *see* Palit, S.K. 14717
Chatterjee, S., Bassiouni, M.A. Scalable and efficient broadcasting algorithms for very large internetworks 6184
Chatterjee, S., Bhat, K.N., Rao, P.R.S. The effect of a cap layer on the diffusion of zinc from doped silica films in gallium arsenide 42388
Chatterjee, S. *see* Chaudhuri, S. 5471
Chatterjee, S. *see* Cheenne-Astorino, A. 60419
Chatterjee, S. *see* Parpal, J.-L. 19343
Chatterjee, S. *see* Parpal, J.-L. 50588
Chatterjee, T. *see* Liu, W.K. 10781
Chatterjee, U. *see* Bhar, G.C. 44629
Chatterjee, U.K. *see* Biswas, D.J. 44606
Chatterjee, U.K. *see* Singh, S. 3951
Chatterji, B.N. *see* Mahapatra, R.N. 56572
Chatterji, B.N. *see* Panda, R. 24918
Chatterji, B.N. *see* Panda, R. 46231
Chatters, T.C. *see* Krishnaswamy, S. 7628
Chattipakorn, N., KenKnight, B.H., Bayly, P.V., Windecker, S., Usui, M., Rogers, J.H., Johnson, C.R., Ideker, R.E., Smith, W.M. Evolution of activation dynamics during early stages of electrically-induced ventricular fibrillation 59732
Chattipakorn, N. *see* Bayly, P.V. 59733
Chattopadhyay, A.B. *see* Das, S. 58636
Chattopadhyay, A.K. *see* Sudhakar, B. 19844
Chattopadhyay, B., Ivanov, C., Sachdev, M.S. A new frequency measurement algorithm in the presence of harmonics using instantaneous phasor quantities 19419
Chattopadhyay, P. *see* Sanyal, S. 61092
Chattopadhyay, S. Advances in beam physics and technology: colliders of the future 17901
Chattopadhyay, S. Role of lasers in linear accelerators 49217
Chattopadhyay, S. Study of hydrogenated amorphous silicon films prepared at intermediate frequencies 52779
Chattopadhyay, S., Barletta, W., Maury, S., Neuffer, D., Ruggiero, A., Sessler, A. Critical issues in low energy muon colliders–a summary 7691
Chattopadhyay, S., Chaudhuri, P.P. Parallel decoder for cellular automata based byte error correcting code 56272
Chattopadhyay, S. *see* Sarkar, D. 56657
Chattopadhyay, T., Bhattacharya, M. Role of linewidth enhancement factor on injection-locked semiconductor laser amplifier 3876
Chaturvedi, A. A note on sequential point estimation of the mean of a gamma population 52445
Chaturvedi, A. Further remarks on sequential estimation of a scale parameter in exponential distributions with an unknown location 52446
Chatwin, C.R. *see* Lin Shang 33218
Chatwin, C.R. *see* Young, R.C.D. 5459
Chatzakis, J., Kalaitzakis, K., Voulgaris, N.C. A new method for the design of a class-D DC to AC inverter 19858
Chatziparaskewas, A. *see* Tappe, T. 2124
Chatzis, S. *see* Salkintzis, A.K. 25963
Chatzis, V., Pitas, I. Introducing the select and split fuzzy cell Hough transform 5413
Chatzopoulos, Z. *see* Bergeest, R. 27511
Chau, A. *see* Kuehne, S.C. 22813
Chau, C.C. *see* Wells, G.T. 53857
Chau, F.S. *see* Toh, S.L. 36918
Chau, H.F. *see* Beam, E.A., III. 21303
Chau, H.F. *see* Hoi-Kwong Lo 56245
Chau, K.H.-L., Lewis, S.R., Zhao, Y., Howe, R.T., Bart, S.F., Marcheselli, R.G. An integrated force-balanced capacitive accelerometer for low-g applications 13159
Chau, K.T., Ching, T.W., Chan, C.C. Constant-frequency multi-resonant converter-fed DC motor drives 51656
Chau, K.T., Lam, C.F., Chan, C.C. Spectral modeling of switched-mode power converters in discontinuous conduction mode 51117
Chau, K.T. *see* Chan, C.C. 39356
Chau, K.T. *see* Chan, C.C. 51741
Chau, P.M. *see* Page, K.J. 21705
Chau, P.S. *see* Donnelly, K.S. 11610
Chau, S.-P. *see* Brehmer, D.E. 12875
Chau, W., Duda, R.O. Combined monaural and binaural localization of sound sources 4908
Chau Hin-Fai *see* Hin-Fai Chau
Chau Lap-Pui *see* Lap-Pui Chau
Chau Liu Wen *see* Wen Chau Liu
Chau Lo Wai *see* Wai Chau Lo
Chau-Chin Su *see* Shyh-Jye Jou 21588
Chau-Han Lee *see* Jin-Xing Cai 58380
Chau-Jy Lin A systolic algorithm for solving dense linear systems 30599
Chau-Neng Wu, Ming-Dou Ker ESD protection for output pad with well-coupled field-oxide device in 0.5-μm CMOS technology 31266
Chau-Neng Wu *see* Ming-Dou Ker 32437
Chau-Neng Wu *see* Ming-Dou Ker 32558
Chaube, N., Sriram, D., Jain, K.K. Design of superheterodyne radiometer for electron-cyclotron emission diagnostics of the ADITYA tokamak plasma 7555
Chaubet, M. *see* Boutez, C. 31533
Chaubet, M. *see* Decaesteke, T. 58450
Chaubet, M. *see* Di Monaco, O. 21885
Chauchin Su, Chen, E.Y., Shyh-Jye Jou Structural approach for performance driven ECC circuit synthesis 40804
Chauchin Su, Shyh-Shen Hwang, Shyh-Jye Jou, Yuan-Tzu Ting Syndrome simulation and syndrome test for unscanned interconnects 58629
Chaudhari, A.S., Patil, P.B. Analysis of shape deformed rectangular waveguide using finite element method 21864
Chaudhari, A.S., Patil, P.B. Finite element analysis of rectangular waveguide with deformation as depression and protrusion of side walls 34163
Chaudhari, A.S. *see* Karkare, M. 34164
Chaudhari, N.D. *see* Kakatkar, S.V. 13431
Chaudhari, N.D. *see* Kakatkar, S.V. 23341
Chaudhary, A.K., Augustine, J., Jacob, J. Lossless compression of images using logic minimization 56728
Chaudhry, G.M. *see* Tigli, O. 47486
Chaudhry, H.K., Eichenberger, P., Chowdhury, D.R. Mixed 2-4 state simulation with VCS 52976
Chaudhry, M.A., Qadir, A., Rafique, M., Zubair, S.M. Extension of Euler's beta function 30662
Chaudhry, S., Choudhary, A. A framework for analysis of guaranteed QOS systems 47483
Chaudhry, S., Law, M.E. Effect of stress on point and extended defects in silicon 54025
Chaudhry, Z. *see* Ashour, O. 7681
Chaudhry, Z. *see* Lalande, F. 349
Chaudhry, Z. *see* Lukianovich, A. 18177
Chaudhuri, A., Chaudhuri, S. Robust detection of skew in document images 25647
Chaudhuri, A. *see* Zwolinski, M. 22032
Chaudhuri, A. *see* Zwolinski, M. 41634
Chaudhuri, B.B. *see* Bhattacharya, U. 5571
Chaudhuri, B.B. *see* Datta, A. 15523
Chaudhuri, B.B. *see* Mukherjee, A. 5654
Chaudhuri, D. *see* Mukherjee, A. 5654
Chaudhuri, J., Cheng, X., Yuan, C., Steckl, A.J. Highly perfect thin films of SiC: X-ray double crystal diffractometry and X-ray double crystal topographic study 54140
Chaudhuri, P.P. *see* Bhattacharjee, S. 15996
Chaudhuri, P.P. *see* Bhattacharjee, S. 56813
Chaudhuri, P.P. *see* Chattopadhyay, S. 56272
Chaudhuri, P.P. *see* Mitra, S. 53193
Chaudhuri, S., Blthye, S.A., Walker, R.A. A solution methodology for exact design space exploration in a three-dimensional design space 31162

Chaudhuri, S., Quayle, M. Synthesis using Sequential Functional Modules (SFMs) 11112
Chaudhuri, S., Quayle, M. Using complex sequential modules in RTL synthesis 11392
Chaudhuri, S., Sharma, S., Chatterjee, S. Recursive estimation of motion parameters 5471
Chaudhuri, S. *see* Chakrabarti, R. 2084
Chaudhuri, S. *see* Chakrabarti, R. 22287
Chaudhuri, S. *see* Chakrabarti, R. 31862
Chaudhuri, S. *see* Chaudhuri, A. 25647
Chaudhuri, S. *see* Steinbach, E. 56866
Chaudhuri, S.K. *see* Sabry, R. 4201
Chaudhuri, S.K. *see* Strachan, G.R. 47929
Chaudhuri, S.K. *see* Tony, E.S. 21894
Chaudhury, A.K. *see* Bhar, G.C. 44629
Chaudhury, S., Gupta, A., Parthasarathy, G., Subramanian, S. An abductive reasoning based image interpretation system 57163
Chaudouet, P. *see* Febri, M. 925
Chaudron, G.A. *see* Jacquet, P. 36872
Chaudron, L. *see* Castel, C. 5436
Chaug-Ching Huang *see* Ruey-Ching Shyu 15111
Chauhan, A.K. *see* Sabharwal, S.C. 37263
Chauhan, N.S. *see* Smith, J.A. 8385
Chauhan, R. *see* Hall, P.S. 47830
Chauhan, R.K. *see* Siddiqui, S.A. 52341
Chauhan, S. *see* Dave, M.P. 28751
Chaumat, G. *see* Perez Ramirez, A.S. 52848
Chaumette, F. *see* Marchand, E. 35343
Chaumette, F. *see* Marchand, E. 46295
Chaumette, P. *see* Ball, J. 18071
Chaumont, J. *see* Baumvol, I.J.R. 10735
Chaung-Bai Xiao, Xian-Da Zhang, Yan-Da Li A new method for AR order determination of an ARMA process 4652
Chaur-Heh Hsieh, Chung-Ming Kuo, Yue-Dar Jou, Ying-Luan Han Design of two-dimensional FIR digital filters by a two-dimensional WLS technique 53450
Chaur-Heh Hsieh, Jyi-Chan Tsai, Po-Chiang Lu Noiseless coding of VQ index using index grouping algorithm 15814
Chaur-Heh Hsieh *see* Chung-Woei Chao 35038
Chaur-Heh Hsieh *see* Chung-Woei Chao 46455
Chaur-Heh Hsieh *see* Mao-Fu Lai 57212
Chaur-Jou Yueh *see* Tsorng-Lin Chia 5306
Chaur-Shiuann Juang *see* Ching-Fuh Lin 55657
Chausov, A.A. *see* Kuznetsov, B.I. 50900
Chausov, N.G., Nedoseka, S.A., Lebedev, A.A. Final stage steel failure kinetics examined by acoustic emission 1017
Chausse, F. *see* Rouquet, C. 15448
Chaussonnet, P. *see* Jager, B. 38383
Chauveau, N., Ayeva, B., Rigaud, B., Morucci, J.P. A multifrequency serial EIT system 18441
Chauvel, D., Collard, D., Fujita, H. Microactuator for microwave antennas 14765
Chauvel, D. *see* Collard, D. 13197
Chauvel, P. *see* Brassart, N. 59854
Chauvet, M., Towe, T., Salamo, G.J., Bliss, D.F., Bryant, G., Iseler, G. Phase shift between index and intensity patterns in photorefractive two-wave mixing experiments in InP:Fe 24104
Chauvin, J., Nakatani, K., Delaire, J.A., Marestin, C., Mercier, R., Sillion, B. Photoassisted poling vs. thermal poling in copolyimides for second-order nonlinear optics 55835
Chauying Jack Jen *see* Ji-jer Huang 7901
Chauzat, C. *see* Chiaroni, D. 16733
Chauzat, C. *see* Chiaroni, D. 26446
Chavand, F. *see* Berthouze, L. 27498
Chavand, F. *see* Mallem, M. 46517
Chavand, F. *see* Triboulet, J. 48695
Chavanne, J., Elleaume, P., van Vaerenbergh, P. Phasing multi-segment undulators 7724
Chavarkar, P. *see* Parikh, P. 1737
Chavarkar, P. *see* Parikh, P. 43144
Chavarkar, P.M. *see* Parikh, P.A. 32457
Chavarria, P.A.Calva *see* Calva Chavarria, P.A.
Chavel, P. *see* de Beaucoudrey, N. 3448
Chavel, P. *see* Koppa, P. 14275
Chavel, P. *see* Prevost, D. 3671
Chaves, R. *see* Sorin, C. 46959
Chaves, W. *see* Beard, C.A. 7757
Chavez, A.E. *see* Boone, J.M. 8032
Chavez, J. *see* Torralba, A. 1064
Chavez, T. *see* Glenn, T. 8706
Chavez, V.Garces *see* Garces Chavez, V.
Chavez-Mercado, C., Edwards, R.M. An operator-based control console layout for EBR-II 38515
Chavez-Pirson, A. *see* Ando, H. 42171
Chavez-Ramirez, F. *see* Diaz-Arencibia, P. 2141
Chawki, M.J., Erthou, I., Delevaque, E., Gay, E., Le Gac, I. Evaluation of an optical boosted add/drop multiplexer OBADM including circulators and fiber grating filters 16721
Chawki, M.J. *see* Tillerot, F. 26852
Chawla, M.M., Al-Zanaidi, M.A., Boabbas, W.M. Extended two-step P-stable methods for periodic initial-value problems 30423
Chawla, M.M., Al-Zanaidi, M.A., Evans, D.J. A class of generalized trapezoidal formulas for the numerical integration of y'=f(x,y) 607
Chawla, M.M., Shivakuman, P.N. An efficient finite difference method for two-point boundary value problems 386
Chawla, S., Healy, D.M., Jr. A fast parallel implementation of the wavelet packet best basis algorithm on the MP-2 for real-time MRI 28205
Chaya, S. *see* Hirano, H. 1389
Chaya, S. *see* Hirano, H. 53292
Chayamichi, H. *see* Iwane, M. 1484
Chayes, D.N. *see* Caress, D.W. 18806
Chazan, D. *see* Liu, K. 12050
Chazan, D. *see* Skinner, M.I. 53846
Chazan, D. *see* Skinner, M.P. 302
Chazapis, V. *see* Vodopyanov, K.L. 12382
Chazapis, V. *see* Vodopyanov, K.L. 24124
Chazapis, V. *see* Vodopyanov, K.L. 24151
Chazelas, J. *see* Dolfi, D. 27005
Chazelas, J. *see* Michie, C. 17454
Chazelas, J. *see* Trombert, S. 11917
Chazono, H. *see* Inomata, Y. 2937
Chbat, M. *see* Berger, M. 58369
Chbat, M. *see* Cortes, P.-Y. 14158
Chbat, M. *see* Penninckx, D. 26878
Chbat, M.W. The optical Pan-European network (ACTS project OPEN) 36168
Chbat, M.W., Artigaud, S., Le Lourec, P., Leroy, N., Beylat, J.-L. Increasing the capacity in real WDM network requirements: dispersion management and wide-band flat-gain optical amplifiers in Nx10 Gb/s transmission systems 36170
Chbihi, A. *see* Aboubacar, A. 41758
Che, C. *see* Lin, Q. 15117
Che ChiWei *see* ChiWei Che
Che Chon Min *see* Min Che Chon
Che Li *see* Sheng Zhong 52328
Che Shuliang *see* Zhu Weili 44827
Che Wenquan *see* Wenquan Che
Che-Chung Chou *see* Jow-Tsong Shy 13977
Che-Hong Ahn *see* Il-Kwon Cho 51307
Che-Hsi Lai, Kiasaleh, K. Modified Viterbi decoders for joint data detection and timing recovery of convolutionally encoded PPM and OPPM optical signals 24752
Che-Shun Ho, Jin-Jang Leou A new motion-compensated image sequence coding scheme 25318
Che-Young Kim *see* Baek-Ho Jung 26462
Che-Yu Li *see* Deyhim, A. 208
Cheatham, J.B. *see* Fernandez, J.J. 56481
Chebakov, I.A. *see* Voronin, E.N. 7510
Cheben, P., Belenguer, T., Nunez, A., del Monte, F., Levy, D. Holographic diffraction gratings recording in organically modified silica gels 14447
Chebolu, S. *see* Dey, S. 45319
Chebotarev, G.D., Latush, E.L., Sem, M.F. Influence of self-absorption effects on the time behavior of intensities of laser lines 3694
Cheburkin, N.V. *see* Baryshnikov, F.F. 14218
Cheburkin, N.V. *see* Baryshnikov, F.F. 55747
Checcucci, B. *see* Passeri, D. 59223
Chechetkin, Y.V. *see* Yermakov, A.Y. 52831
Chechik, R. *see* Breskin, A. 18145
Chechik, R. *see* Buzulutskov, A. 31682
Check Meng Tan *see* Richards, S. 39620
Checksfield, M.J., Redfern, M.A. Protection against pole slipping and loss of excitation for embedded generators 19681
Checksfield, M.J. *see* Redfern, M.A. 19701
Cheded, L. On the exact recovery of higher-order moments of noisy signals 45984
Chedid, F. *see* Chedid, R. 10574
Chedid, R., Najjar, N., Chedid, F. A neural network approach for finite element software 10574
Chedid, R., Rahman, S. Unit sizing and control of hybrid wind-solar power systems 38645
Chedin, A. *see* Cesarsky, C.J. 36548
Chee, S., Lee, S., Lee, D., Sung, S.H. On the correlation immune functions and their nonlinearity 14796
Chee, S. *see* Goh, S.-C. 45598
Chee, S. *see* Lee, S. 4573
Chee Chen Jie *see* Chen Jie Chee
Chee Kin Lau *see* Lau Chee Kin
Chee Ping-Chong *see* Ping-Chong Chee
Chee Too *see* Mansouri, J. 956
Chee Yee Kwok, Kwang Ming Lin, Ruey Shing Huang A silicon thermocapacitive flow sensor with frequency modulated output 36541
Chee Yeow-Meng *see* Yeow-Meng Chee
Chee-Keong Kwoh, Gillies, D.F. Using hidden nodes in Bayesian networks 21055
Chee-Kiang Goh, Yong-Ching Lim, Chun-Sum Ng Improved algorithm to design weighted minimax quadrature mirror filters 1585
Chee-Yee Chong *see* Liggins, M.E., II 28587
Cheeha Kim *see* Jaeong Park 46766
Cheeha Kim *see* Koohong Kang 26422
Cheenne-Astorino, A., Chatterjee, S. Cold shrinkable technology for medium voltage cable accessory 60419
Cheesewright, R., Clark, C. The influence of forces due to electromagnetic pick-ups on the performance of small turbine flowmeters 17344
Cheesman, J., Clark, J., McGill, T., Morris, T., Phillips, J. Magellan Concorde: delivering innovative ATM switching for carrier networks 47479
Cheevasuvit, F. *see* Panusopone, K. 5334
Cheever, E.A., Birge, J.R., Thompson, D.R., Santamore, W.P., George, D.T. A microprocessor-based multi-channel muscle stimulator for skeletal muscle cardiac assist 59795
Cheh, H.Y. *see* Chern, J.W.E. 11872
Cheh, H.Y. *see* Chern, J.W.E. 11873
Cheh-Hsiung Lin *see* Lin Cheh-Hsiung
Cheh-Ming Liu *see* De Lisio, M.P. 11736
Chehab, R. *see* Artru, X. 49308
Chehab, R. *see* Garvey, T. 49193
Chehadeh, Y., Coquin, D., Bolon, Ph. A skeletonization algorithm using chamfer distance transformation adapted to rectangular grids 5357
Chehikian, A. *see* Roguet, W. 34959
Chehrehrazi, M. *see* Baghai-Wadji, A.R. 33803
Chehrehrazi, S.M., Baghai-Wadji, A.R. Analysis of dispersive characteristics of microstrips on non-diagonal anisotropic substrates using FDTD 34013
Cheifetz, E., Adar, U., Davara, G. Ions emitted by a pulsed titanium-hydride spark plasma source 22130
Cheikh, F.A., Hamila, R., Gabbouj, M., Astola, J. Impulse noise removal in highly corrupted color images 57035
Cheim, L.A.V. *see* von Glahn, P. 9316
Chein-I Chang *see* Ching-Wen Yang 15972
Chein-I Chang *see* Ching-Wen Yang 28484
Chein-I Chang *see* Te-Ming Tu 28679
Chein-Wei Jen *see* Chih-Chin Chen 53349
Chein-Wei Jen *see* Ching-Chao Yang 53388
Chein-Wei Jen *see* Chingson Chen 1472
Chekanova, G.V. *see* Susov, E.V. 33229
Chekhar, Y. *see* Barat, C. 48923
Chekhar, Y. *see* Barat, C. 56894
Chekhet, E.H., Mordatch, V.P. The microprocessor based modified space vector control of the matrix converter 9378
Chekhlov, O.V., Zaporozhchenko, V.A. Active-passive mode-locking of a quasi-cw Nd:YAG laser by using cascaded nonlinearity 33438
Chekhova, M.V. *see* Burlakov, A.V. 14393
Chekster, O. *see* Rogoushin, I. 51323
Chekunov, V.V. *see* Gromov, B.F. 37192
Chekushkin, S.V. *see* Chekushkin, V.V. 48749
Chekushkin, V.V., Chekushkin, S.V. High-speed digital functional converters for reproducing trigonometric sine and cosine functions 48749
Chelakara, R.V., Grudowski, P.A., Dupuis, R.D. Design and growth of InAlAs/InGaAlAs strained-superlattice-barrier heterostructures for use in light-emitting devices 40483
Chelali, N. *see* Fitas, R. 9525
Chelapathi, K. *see* Ahmad, M. 33112
Chelbi, A., Ait-Kadi, D. An inspection strategy for randomly failing systems subjected to random shocks 39861
Chelbi, A., Ait-Kadi, D., Ramudhin, A. An inspection strategy for randomly failing machine to guarantee robust schedules 10205
Cheli, S. *see* Barbance, K. 58505
Chelkowska, G. *see* Drzazga, Z. 3140
Chella, A., Frixione, M., Gaglio, S. A cognitive architecture for artificial vision 46376
Chellamuthu, K.C., Ida, N., Zhang, Q.K. Adaptive finite element mesh refinement and 'a posteriori' error estimation procedures for electromagnetic field computation 44851
Chellappa, R. Model supported exploitation of aerial images 56884
Chellappa, R., Qinfen Zheng, Burlina, P., Shekhar, C., Eom, K.B. On the positioning of multisensor imagery for exploitation and target recognition 27070
Chellappa, R. *see* Alajaji, F. 57089
Chellappa, R. *see* Balakirsky, S.B. 57260
Chellappa, R. *see* Der, S.Z. 25632
Chellappa, R. *see* Etemad, K. 25398
Chellappa, R. *see* Hongche Liu 5108
Chellappa, R. *see* Krishnamachari, S. 25640
Chellappa, R. *see* Kuttikkad, S. 6897
Chellappa, R. *see* Li, H. 16885
Chellappa, R. *see* Meth, R. 6900
Chellappa, R. *see* Meth, R. 26966
Chellappa, R. *see* Morimoto, C. 5608
Chellappa, R. *see* Yao, Y.S. 5609
Chellappa, R. *see* Zhang, X. 25399
Chellappan, C. *see* Gokulakrishnan, S. 35373
Chelles, S., Voisin, P. Polarization insensitive guided-wave opto-electronic devices: electroabsorption modulators and optical amplifiers at 1.55 μm 13685
Chellingsworth, S.P. Cadenza–the first nine months; and beyond 47891
Chelnokov, O.A. *see* Voronetskii, E.V. 40924
Chelnokov, V.E. *see* Andreev, A.N. 12677
Chelnokov, V.E. *see* Andreev, A.N. 52604
Chelnokov, V.E. *see* Lebedev, A.A. 10680
Chelny, A.A., Gorbylev, V.A., Denotkin, V.L., Kopylov, S.M., Krigel, V.G., Tarasov, A.V. Characterization of MQW heterostructures with acoustooptical cathodoluminescence spectrometer 31997
Chelouah, A., Delaleau, E., Martin, P., Rouchon, P. Differential flatness and control of induction motors 60755
Chelouche, N., Hethuin, S., Ramel, L. Digital wireless broadband corporate and private networks: RNET concepts and applications 26130
Chelpanov, V.I. *see* Galstjan, E.A. 53978
Cheltsov, M.B. *see* Voropai, N.I. 50406
Chem, P.C.Y., Mills, J.K. Synthesis of neural networks and PID controllers: experiments on motor and robot trajectory tracking 60791
Chemerys, V.T. Investigations of electromagnetic acceleration and related energy sources in Ukraine 24392
Chemikov, S.V., Zhu, Y., Taylor, J.R., Platonov, N.S., Samartsev, I.E., Gapontsev, V.P. 1.08-2.2-μm supercontinuum generation from Yb^{3+}-doped fiber laser 13998
Chemin, J.F. *see* Scheurer, J.N. 59353

Chemkha, H., Rioux-Damidau, F. A fast and accurate model for eddy current computation in thin conducting shells 44955
Chemla, M. *see* Bertagna, V. 12760
Chemnitius, G.C., Bilitewski, U. Development of screen-printed enzyme electrodes for the estimation of fish quality 7455
Chemouil, P. *see* Dao, M. 26050
Chen, A., Kaviani, K., Rempel, A.W., Kalluri, S., Steier, W.H., Yongqiang Shi, Zhiyong Liang, Dalton, L.R. Optimized oxygen plasma etching of polyurethane-based electro-optic polymer for low loss optical waveguide fabrication 13541
Chen, A. *see* Joshi, R. 20865
Chen, A. *see* Shi, Y. 47949
Chen, A.-B. *see* Krishnamurthy, S. 821
Chen, A.C. *see* Moy, A.M. 3634
Chen, A.E. *see* Hou, S.R. 59252
Chen, A.L. *see* Wetzel, C. 22238
Chen, A.M. *see* Hoff, L.E. 5551
Chen, A.S. *see* Kizilyalli, I.C. 32380
Chen, A.S. *see* Nguyen, L.T. 20945
Chen, B., Hoberock, L.L. Machine vision fuzzy object recognition and inspection using a new fuzzy neural network 5186
Chen, B. *see* Dehe, A. 1723
Chen, B. *see* Su, L. 2793
Chen, B. *see* Subbanna, S. 41161
Chen, B. *see* Voldman, S. 22978
Chen, B. *see* Wohlgemuth, J.H. 39157
Chen, B.-S. *see* Chen, Y.L. 45669
Chen, C. Halo formation and chaos in space-charge-dominated beams 18030
Chen, C., Chou, J.W., Lur, W., Sun, S.W. A novel 0.25 μm shallow trench isolation technology 42610
Chen, C., Ma, T.P. Direct lateral profiling of both interface traps and oxide charge in thin gate MOSFET devices 2659
Chen, C., Tu, K.N., Wetteroth, T., Wilson, S.R. Residual stress in C54 titanium silicide formed in silicon-on-insulator 42625
Chen, C. *see* Banerjee, S. 6737
Chen, C. *see* Davies, J.A. 7731
Chen, C. *see* Gotz, W. 12290
Chen, C. *see* Gu, Y.M. 22388
Chen, C. *see* Hemmati, H. 6790
Chen, C. *see* Jeon, E.S. 12503
Chen, C. *see* Mclaren, T. 33330
Chen, C. *see* Magendie, F. 20203
Chen, C. *see* Nakamura, Y. 32463
Chen, C. *see* Neff, J.A. 55472
Chen, C. *see* Wang, Y. 10176
Chen, C. *see* Zhang, S. 33188
Chen, C.-C., Chao, J.L.C., Wang, K.C., Chiang, E., Hsu, J.J. Ti/TiN barrier improvement for VLSI metallization 31272
Chen, C.-C. *see* Lin, C.-H. 2529
Chen, C.-C. *see* Liu, W.-C. 54595
Chen, C.-H. *see* Dong, Z.W. 13499
Chen, C.-H. *see* Ko, J. 3811
Chen, C.-H. *see* Yu, D.G. 22567
Chen, C.-H. *see* Yu, D.G. 41936
Chen, C.-J., Lien, A., Nathan, M.I. Simple method for the calculation of the deformation profiles in chiral nematic liquid crystal cells with asymmetric pretilt 33138
Chen, C.-P. *see* Sarangapani, S. 11773
Chen, C.-Q., Koh, S.-N., Sivaprakasapillai, P. A novel scheme for optimising partitioned VQ using a modified resolution measure 56444
Chen, C.-S. *see* Lin, K.-H. 11299
Chen, C.-T. *see* Alain, V. 24162
Chen, C.-T. *see* Kan, K.-S. 57637
Chen, C.-T. *see* Perry, J.W. 14408
Chen, C.C. *see* Cao, Z. 49489
Chen, C.C. *see* Sadwick, L.P. 1918
Chen, C.C. *see* Wang, D.P. 2016
Chen, C.C. *see* Zongjian Cao 37713
Chen, C.D. *see* Delavaux, J.-M.P. 16663
Chen, C.D. *see* Wang, L.A. 44386
Chen, C.D. *see* Wang, L.A. 55523
Chen, C.F., Hsiao, C.H. Haar wavelet method for solving lumped and distributed-parameter systems 39981
Chen, C.F. *see* Ku, T.K. 41740
Chen, C.F. *see* Lu, C.S. 57197
Chen, C.H., Kelder, E.M., Jak, M.J.G., Schoonman, J. Electrostatic spray deposition of thin layers of cathode materials for lithium battery 21326
Chen, C.H., Lee, G.G. A multiresolution wavelet analysis of digital mammograms 8040
Chen, C.H., Liu, H., Steigerwald, D., Imler, W., Kuo, C.P., Craford, M.G. Parasitic reactions between alkyls and ammonia in OMVPE 21259
Chen, C.H., Ming Shiau, Minassian, V., Son Huynh, Youn Choung, Wong, W.C. A Ku/Ka dual-band dual-CP tracking feed 34486
Chen, C.H. *see* Golovlev, V.V. 24197
Chen, C.H. *see* Zhou, S.Q. 28564
Chen, C.J., Choi, K.K., Tsui, D.C. Corrugated quantum well infrared photodetectors 48545
Chen, C.J. *see* Choi, K.K. 48661
Chen, C.J. *see* Yang, C.H. 12817
Chen, C.K., Tzi-Dar Chiueh Multilayer perceptron neural networks for active noise cancellation 4861
Chen, C.L., Mahoney, L.J., Calawa, S.D., Molvar, K.M., Calawa, A.R. Self-aligned pseudomorphic HEMT with a low-temperature-grown GaAs gate insulator 43149
Chen, C.L.P. *see* Dagli, C.H. *(editor)* 9788
Chen, C.M., Shan, Q., Dewhurst, R.J. Laser-ultrasound imaging of defects in carbon fibre composite materials 10995
Chen, C.M. *see* Tan, M. 18090
Chen, C.R., Chen, L.J. Thermal stability and failure mechanisms of Au-TiW(N)-Si and Au-TiW(N)-SiO_2-Si systems 42678
Chen, C.S., Tzeng, Y.M., Hwang, J.C. The application of artificial neural networks to substation load forecasting 60964
Chen, C.S. *see* Golberg, M.A. 21173
Chen, C.S. *see* Yang, P.H. 27757
Chen, C.Tsong-Ming *see* Tsong-Ming Chen, C.
Chen, C.W. *see* Lee, K.Y. 21658
Chen, C.W. *see* Sun, Z. 15799
Chen, C.W. *see* Sun, Z. 46209
Chen, C.W. *see* Tamez-Pena, J.G. 59529
Chen, C.Y., Cohen, R.M. Zn solubility limit in GaAs: growth versus equilibrium 12657
Chen, C.Y., Cohen, R.M., Simons, D.S., Chi, P.H. Fermi energy pinning at the surface during growth of n- and p-type GaAs 42052
Chen, C.Y.R. *see* Cardakli, S.H.K. 47344
Chen, C.Y.R. *see* Mowcheng Lee 5828
Chen, C.Y.R. *see* Mowcheng Lee 46617
Chen, C.Y.R. *see* Yu, F.F.-K. 46055
Chen, C.Y.R. *see* Zuair, M. 46406
Chen, D. *see* Murphy, C.T. 49262
Chen, D. *see* Shi, Y. 47949
Chen, D. *see* Yu, D.C. 8956
Chen, D.-X., Munoz, J.L. Theoretical eddy-current permeability spectra of slabs with bar domains 55020
Chen, D.-X. *see* Miranda, H. 13420
Chen, D.C., Sheu, B.J., Berger, T.W. A compact neural network based CDMA receiver for multimedia wireless communication 5849
Chen, D.C. *see* Chung, S.S. 43054
Chen, D.C. *see* Sheu, B.J. 4862
Chen, D.T., Sachse, M.H. Compliance and waste minimization makes "cents" 39956
Chen, D.T. *see* State, A. 15495
Chen, D.Y., Chang, Y.A., Swenson, D. Thermally stable PdIn ohmic contacts to n-GaAs via exchange mechanism 32051
Chen, D.Z., Hu, X., Blatner, P.J. Efficient algorithms for orthogonal polygon approximation 13075
Chen, E., Adler, R., Carson, P., Jenkins, K., O'Brien, W.D., Jr. Tissue motion analysis of digitized B-scan images of breast tumors 18354
Chen, E., Chou, S.Y. Group velocities in coplanar strip transmission lines on Si and $Si/SiO_2/Si$ substrates measured using differential electro-optic sampling 11636
Chen, E., Chou, S.Y. High-efficiency and high-speed silicon metal-semiconductor-metal photodetectors operating in the infrared 36555
Chen, E. *see* Tehrani, S. 43728
Chen, E.C. *see* Jow-Tsong Shy 13977
Chen, E.H., Chin, T.P., Woodall, J.M., Lundstrom, M.S. Electrical characteristics of nearly relaxed InAs/GaP heterojunctions 42065
Chen, E.I. *see* Wierer, J.J. 14092
Chen, E.T. *see* Baker, J. 22076
Chen, E.Y. *see* Chauchin Su 40804
Chen, E.Y. *see* Pierson, R.E. 25265
Chen, F., Gao, Z., Villasenor, J. Lattice vector quantization of generalized Gaussian sources 24731
Chen, F., Orner, B.A., Guerin, D., Khan, A., Berger, P.R., Shah, S.I., Kolodzey, J. Current transport characteristics of SiGeC/Si heterojunction diode 12881
Chen, F., Waite, M.M., Shah, S.I., Orner, B.A., Iyer, S.S., Kolodzey, J. Measurements of the energy band offsets of $Si_{1-x}Ge_x$/Si and $Ge_{1-y}C_y$/Ge heterojunctions 2122
Chen, F.-C., Chew, W.C. Time-domain pulse system for inverse scattering and imaging 48126
Chen, F.F. *see* Jun-Ing Ker 20973
Chen, F.R. *see* Chou, W.C. 30697
Chen, F.Y., Fang, Y.K., Shu, C.Y., Chen, J.-R. A metal-ferroelectric $PbTiO_3$-semiconductor switch diode (MFSS) for room-temperature high-speed infrared sensing application 7333
Chen, F.Y., Fang, Y.K., Sun, M.J., Jiann-Ruey Chen A nonvolatile ferroelectric memory device with a floating gate 3003
Chen, G., Banford, H.M., Davies, A.E. The influence of gamma radiation on space charge formation in low-density polyethylene 43534
Chen, G., Banford, H.M., Davies, A.E. Space charge formation in gamma-irradiated low-density polyethylene 54972
Chen, G., Brown, M.A., Davies, A.E., Rochester, C., Doble, I. Investigation of space charge formation at polymer interface using laser induced pressure pulse technique 54968
Chen, G., Huang, P. A new model of radar target glint based on filtered discrete differenced Gaussian noise 26968
Chen, G. *see* Brown, M.A. 43563
Chen, G. *see* Czarnecki, L.S. 28757
Chen, G. *see* Dissado, L.A. 58091
Chen, G. *see* Kong, Q. 26278
Chen, G. *see* Kong, Q. 35595
Chen, G. *see* Lewin, P.L. 43519
Chen, G. *see* Qinzheng Kong 35643
Chen, G. *see* Wang, R. 7232
Chen, G. *see* Zhuang, D. 22173
Chen, G.-S. *see* Beauchamp, P.M. 36693
Chen, G.-S. *see* Beauchamp, P.M. 59963
Chen, G.-S. *see* Rodgers, D.H. 59861
Chen, G.D. *see* Morkoc, H. 12362
Chen, G.D. *see* Smith, M. 12213
Chen, G.H. *see* King-Jet Tseng 61282
Chen, H., Cheng, W.Q., Xie, X.G., Huang, Q., Zhou, J.M. Room-temperature luminescence from SiGe self-organized dots 30793
Chen, H., Cheng, W.Q., Xie, X.G., Huang, Q., Zhou, J.M. Optical transition in SiGe self-organized dots 42025
Chen, H., Han, P., Huang, X.D., Hu, L.Q., Shi, Y., Zheng, Y.D. Formation of new semiconducting Ge-Si-Fe alloy on Si(100) and its optical properties 22295
Chen, H., Touchard, G.G., Radke, C.J. A linearized double layer model for laminar flow electrification of hydrocarbon liquids in metal pipes 23107
Chen, H. *see* Chu, W.-J. 8745
Chen, H. *see* Huang, X.D. 54360
Chen, H. *see* Jingwen Zhang 4083
Chen, H. *see* Kinsner, W. 15170
Chen, H. *see* Sengupta, D.K. 54326
Chen, H. *see* Xu, W. 38786
Chen, H. *see* Zheng, Z. 36450
Chen, H.-H. *see* Lin, C.-J. 1344
Chen, H.-H. *see* Lin, C.-J. 53280
Chen, H.C. *see* Hsu, I.C. 37090
Chen, H.C. *see* Mundschau, M. 55026
Chen, H.C. *see* Xia, H.R. 33732
Chen, H.D., Udayakumar, K.R., Gaskey, C.J., Cross, L.E., Bernstein, J.J., Niles, L.C. Fabrication and electrical properties of lead zirconate titanate thick films 54947
Chen, H.F. *see* Zhang, Z.P. 7798
Chen, H.H. Minimizing chip-level simultaneous switching noise for high-performance microprocessor design 11462
Chen, H.H. Multilayer routing with 3-dimensional crosstalk constraints 31669
Chen, H.H. *see* Thomas, S., III 54393
Chen, H.H. *see* Wang, I.K. 22969
Chen, H.M. Experimental isolation and measurement of laser-induced effects: thermal lensing, turbidity and the optical Kerr effect 14407
Chen, H.M. Design and analysis of a sensorless magnetic damper 50877
Chen, H.N. *see* Moo, C.S. 39389
Chen, H.R. *see* Liu, W.-C. 54595
Chen, H.R. *see* Liu, W.C. 54689
Chen, H.R. *see* Lour, W.-S. 54597
Chen, H.R. *see* Lour, W.S. 54683
Chen, H.S. *see* Adam, A. 37280
Chen, H.Y. *see* Cheng, W.H. 14503
Chen, H.Z., Chow, T.C., Hong, M.T., Lin, T.L., Lin, K.S., Cheng, Y.F., Chen, Y.C., Chou, H. The broad band optical detection of precipitational free YBCO thin films 48974
Chen, H.Z. *see* Haner, M. 16744
Chen, I., Mort, J., Machonkin, M.A., Larson, J.R. Degradation of electrographic images due to surface lateral conduction 44206
Chen, I.-C. *see* Chatterjee, A. 2805
Chen, I.-C. *see* Chatterjee, A. 43299
Chen, I.-C. *see* Chatterjee, A. 53282
Chen, I.-C. *see* Chatterjee, A. 54800
Chen, I.-C. *see* Nandakumar, M. 1238
Chen, I.-C. *see* Rodder, M. 43294
Chen, I.-C. *see* Rodder, M. 53278
Chen, I.-C.K., Coftey, J.T., Mudge, T.N. Analysis of branch prediction via data compression 4453
Chen, I.C. *see* Nag, S. 42596
Chen, J., Dou, S.X., Bradhurst, D., Liu, H.K. Studies on the electrochemical impedance spectroscopy of Zr-based Laves phase metal hydride electrodes 61034
Chen, J., Jin, J.M., Gan, H., Chew, W.C. Analysis of electromagnetic wave interaction with biological tissue using CG-FFT method 37903
Chen, J., Myoren, H., Nakajima, K., Yamashita, T., Wu, P.H. Intrinsic noise temperatures of $YBa_2Cu_3O_{7-\delta}$ Josephson devices on bicrystal substrates and the upper frequency limit for their operation 3284
Chen, J., Xia, G., Wu, Z. Dependence of output characteristics of super luminescent diodes on facet reflectivities 55458
Chen, J. *see* Chien, C. 26232
Chen, J. *see* Colinge, J.P. 21918
Chen, J. *see* Daltan, T. 50753
Chen, J. *see* Fu-Hua Liu 14886
Chen, J. *see* Jin, J.M. 18326
Chen, J. *see* Kostrzewski, A. 44311
Chen, J. *see* Maestle, R. 55782
Chen, J. *see* Pan, J.J. 14000
Chen, J. *see* Tian, F. 33526
Chen, J. *see* Ueda, M. 48459
Chen, J. *see* Wu, Z. 23889
Chen, J. *see* Wu, Z. 23890
Chen, J. *see* Wu, Z. 44164
Chen, J. *see* Wu, Z. 55686
Chen, J. *see* Xia, G. 33529
Chen, J. *see* Xia, G. 55685
Chen, J.-R. *see* Chen, F.Y. 7333
Chen, J.-S., Kornegay, K.T. Class-AB SiC CMOS power opamp with stable voltage gain over wide temperature range 53051

Chen, J.-S., Youn, L.T. A Windows-based signal analyzer 45964
Chen, J.-Y. *see* Su, S.-L. 16590
Chen, J.C., Chen, W.T., Chang, S.T., Horng, J.S., Lin, H.H., Sun, M.J., Wang, W.H., Cheng, W.H. Failure mechanism of solidification cracks in semiconductor laser packaging 3839
Chen, J.C., Chen, W.T., Chang, S.T., Horng, J.S., Lin, H.H., Sun, M.J., Wang, W.H., Cheng, W.H. Failure mechanisms in semiconductor laser packaging 23923
Chen, J.C., Chenming Hu, Wan, C.-P., Bendix, P., Kapoor, A. E-T based statistical modeling and compact statistical circuit simulation methodologies 43242
Chen, J.C., Haus, H.A., Shanhui Fan, Villeneuve, P.R., Joannopoulos, J.D. Optical filters from photonic band gap air bridges 3558
Chen, J.C., Kuo, T.H., Cleveland, L.E., Chung, C.K., Leong, N., Kim, Y.K., Akaogi, T., Kasa, Y. A 2.7 V only 8 Mbx16 NOR flash memory 1414
Chen, J.C., McGaughy, B.W., Sylvester, D., Chenming Hu An on-chip, attofarad interconnect charge-based capacitance measurement (CBCM) technique 42710
Chen, J.C., Owusu-Ofori, S., Pai, D., Toca-McDowell, E., Shih-Liang Wang, Waters, C.K. A study of female academic performance in mechanical engineering 20611
Chen, J.C., Stanton, P.H., Reilly, H.F., Jr. X/X/Ka-band horn design 34341
Chen, J.C., Villenueve, P.R., Haus, H.A., Joannopoulos, J.D. Narrow-band transmission filters from highly resonant gratings 44180
Chen, J.C. *see* Cheng, W.H. 14503
Chen, J.C. *see* Huang, Z.C. 41984
Chen, J.C. *see* Huang, Z.C. 54313
Chen, J.C. *see* Lee, K.-J. 52666
Chen, J.C. *see* McGaughy, B.W. 12821
Chen, J.C. *see* Vitkin, I.A. 49760
Chen, J.C. *see* Yang Kai 48516
Chen, J.D. *see* Attas, E.M. 35336
Chen, J.D.Z. *see* Liang, J. 59632
Chen, J.E. *see* Hsing-Chung Liang 53118
Chen, J.E. *see* Mill-Jer Wang 54766
Chen, J.F., Chen, N.C., Liu, H.S. Deep levels, electrical and optical characteristics in SnTe-doped GaSb Schottky diodes 12888
Chen, J.F., Chen, N.C., Wang, P.Y., Tsai, M.H. Electrical characteristics and deep-level admittance spectroscopies of low-temperature grown GaAs p-i-n structures 31944
Chen, J.H., Wang, C.Y. A practical automatic feedback system for poly photo CD control 42816
Chen, J.H. *see* Tiziani, H.J. 48561
Chen, J.J.-G. *see* Shun-Pen Cheng 41648
Chen, J.J.-R., Ping-Tai Sun New ID-based cryptosystem based on number theory 45539
Chen, J.M. Canopy architecture and remote sensing of the fraction of photosynthetically active radiation absorbed by boreal conifer forests 18803
Chen, J.M., Leblanc, S.G. A four-level bidirectional reflectance model based on canopy architecture and its inversion 8535
Chen, J.M. *see* Ghodsian, B. 27945
Chen, J.R. *see* Hsiung, G.Y. 17962
Chen, J.S., Liu, J.Y., Chu, Y.H. Effects of anisotropy and power spectrum of refractivity irregularities on the determination of layer thickness and layer position using the frequency domain interferometry technique 60043
Chen, J.S. *see* Paslaski, J.S. 58353
Chen, J.S. *see* Yee, K.S. 44859
Chen, J.W. *see* Rogalla, M. 32358
Chen, J.Y. *see* Ding, Y. 14312
Chen, J.Y. *see* Hai Liu 19864
Chen, K., Parmee, I.C., Gane, C.R. Dual mutation strategies for mixed-integer optimisation in power station design 60505
Chen, K., Suphasith, S. Latent heat effects in thermoelectric air conditioners and heat pumps equipped with a heat exchanger 9738
Chen, K., Zhang, G., Duster, J., Chenming Hu, Jianhui Huang, Zhihong Liu, Ping K. Ko MOSFET inversion layer capacitance model based on Fermi-Dirac statistics for wide temperature range 43006
Chen, K. *see* Calzone, S. 35183
Chen, K. *see* He, G. 19768
Chen, K.-J. *see* Ching-Lung Chang 16329
Chen, K.-T., Salary, L., Burger, A., Soria, E., Antolak, A., James, R.B. Chemical analysis of metal impurity distribution of zone-refined mercuric iodide by ICP-AES and DSC 37307
Chen, K.-T., Zhang, Y., Egarievwe, S.U., George, M.A., Burger, A., Su, C.-H., Sha, Y.-G., Lehoczky, S.L. Post-growth annealing of CdS crystals grown by physical vapor transport 12619
Chen, K.-T. *see* Egarievwe, S.U. 59354
Chen, K.-T. *see* Page, R.H. 44524
Chen, K.-T. *see* Schlesinger, T.E. 37554
Chen, K.J., Maezawa, K., Waho, T., Yamamoto, M. Device technology for monolithic integration of InP-based resonant tunneling diodes and HEMTs 23011
Chen, K.J., Maezawa, K., Yamamoto, M. A novel ultrafast functional device: resonant tunneling high electron mobility transistor 32461
Chen, K.J., Waho, T., Maezawa, K., Yamamoto, M. Programmable logic gate based on controlled quenching of series-connected negative differential resistance devices 1321
Chen, K.K. *see* Lin-Her Jeng 19608
Chen, K.L. *see* Gee, S.A. 330
Chen, K.L. *see* Koh, W. 20900
Chen, K.L. *see* Kuo, A.Y. 210
Chen, K.M., Zhang, Y.X., Qin, G.G., Jin, S.X., Wu, K., Li, C.Y., Gu, Z.N., Zhou, X.H. Rectification properties and interface states of heterojunctions between solid C_{60} and n-type GaAs 12340
Chen, K.M. *see* Chen, L.J. 42689
Chen, K.M. *see* Dai, Y. 36235
Chen, K.M. *see* Huang, G.W. 30748
Chen, K.M. *see* Rothwell, E.J. 28706
Chen, K.N., Wang, T.S., Lai, Y.T. A new strategy of performance-directed technology mapping algorithm for LUT-based FPGAs 11293
Chen, K.Q. *see* Maki, G.K. 54786
Chen, K.T. *see* Lu, C.N. 50557
Chen, K.Y. *see* Tseung, A.C.C. 20008
Chen, L. Quantum well lasers and their applications 23886
Chen, L., Chin, T.P., Woodall, J.M., Haddad, G.I. InP/InGaAs single heterojunction bipolar transistors grown by solid-source molecular beam epitaxy using a phosphorus valved cracker 54609
Chen, L., Gollmann, D., Mitchell, C.J. Tailoring authentication protocols to match underlying mechanisms 24767
Chen, L., Gollmann, D., Mitchell, C.J. Key escrow in mutually mistrusting domains 56283
Chen, L., Nguyen, T.Q., Chan, K.P. Linear phase paraunitary filter banks with pairwise mirror image frequency responses 35350
Chen, L., Petroianu, A. A new method of tuning power system stabilisers 19129
Chen, L., Siores, E., Kwong, W.C.K. Control of the abrasive waterjet cutting process 20851
Chen, L., Smith, M.R., Hui, Y. Comparing the performance of two feedforward neural network training algorithms in MRI: reconstruction 18238
Chen, L., Willing, F., Yang, L., Li, Y.M., Maley, N., Rajan, K., Bennett, M., Arya, R. Stability of large-area amorphous silicon alloy tandem solar modules 39150
Chen, L., Yang, Q. Anisotropic neutral stream etching of microelectronics materials 54488
Chen, L. *see* Nie, J.C. 13484
Chen, L. *see* Zhu, S. 42305
Chen, L.-F. *see* Carlson, D.E. 39124
Chen, L.-G. *see* Chiu, Y.-M. 17234
Chen, L.-G. *see* Ku, C.-W. 58050
Chen, L.A. Enhanced process for double sided surface mount edge connector attach 39796
Chen, L.H. *see* Zhang, J.Z. 40150
Chen, L.J., Cheng, S.L., Tsui, B.Y. Metal contacts on shallow junctions 41849
Chen, L.J., Yew, J.Y., Cheng, S.L., Chen, K.M., Nakamura, K., Tsui, B.Y. Effects of size and shape of lateral confinement on the formation of $NiSi_2$, $CoSi_2$ and $TiSi_2$ on silicon inside miniature size oxide openings 42689
Chen, L.J. *see* Chen, C.R. 42678
Chen, L.J. *see* Liu, C.S. 21288
Chen, L.J. *see* Yang, J.J. 41847
Chen, L.J. *see* Yew, J.Y. 10722
Chen, L.J. *see* Yew, J.Y. 42695
Chen, L.J. *see* Tu, K.N. *(editor)* 39527
Chen, L.K. *see* Song, J. 6747
Chen, L.P. *see* Buckman, L.A. 26875
Chen, L.P. *see* Huang, G.W. 30748
Chen, L.R., Chen, L.R., Benjamin, S.D., Smith, P.W.E., Sipe, J.E., Juma, S. Ultrashort pulse propagation in multiple-grating fiber structures 58388
Chen, L.R. *see* Chen, L.R. 58388
Chen, L.S. *see* Hsu, I.C. 37090
Chen, L.T., Leslee Xu, Suda, T., Yamamoto, T., Obinata, K. A reflective object-oriented distributed system for heterogeneous multimedia environments 47193
Chen, L.T., Suda, T. Designing mobile computing systems using distributed objects 35661
Chen, L.T., Vickers, B.J., Suda, T., Jaime Bae Kim, Lesnansky, E. ATM and satellite distribution of multimedia educational courseware 6315
Chen, L.Y. *see* Bie, Q.S. 43661
Chen, M., Zhang, M. Quantum behaviour of QBD diode at room temperature 32361
Chen, M. *see* Akimov, D.Yu. 37245
Chen, M.-H., Schmeiser, B.W. General hit-and-run Monte Carlo sampling for evaluating multidimensional integrals 10241
Chen, M.-J., Shung, C.B. Multiple-training bi-directional adaptive equalizers for TDMA digital cellular systems 16584
Chen, M.C., List, R.S., Chandra, D., Bevan, M.J., Colombo, L., Schaake, H.F. Key performance-limiting defects in P-on-N HgCdTe LPE heterojunction infrared photodiodes 3593
Chen, M.C., Willson, A.N., Jr. Rate-distortion optimal motion estimation algorithm for video coding 25388
Chen, M.C. *see* Li, T.C. 15220
Chen, M.L. *see* Wu, T.B. 2926
Chen, M.T. Digital algorithms for measurement of voltage flicker 60444
Chen, N. PCMCIA memory card design and applications 41192
Chen, N. *see* Gonzalez, F. 40881
Chen, N. *see* Wongchotiqul, K. 10795
Chen, N.C. *see* Chen, J.F. 12888
Chen, N.C. *see* Chen, J.F. 31944
Chen, P. Beam-beam interaction in muon colliders 17975
Chen, P. Possible applications of plasma lens in high energy physics 59146
Chen, P. *see* Palmer, R.B. 17924
Chen, P. *see* Palmer, R.B. 17966
Chen, P. *see* Ramachandran, T.R. 30800
Chen, P. *see* Rich, D.H. 31976
Chen, P. *see* Shen, B. 41880
Chen, P.-N., Alajaji, F. The reliability function of arbitrary channels with and without feedback 45501
Chen, P.C. *see* Chen, T.R. 23904
Chen, P.C. *see* Chen, T.R. 55646
Chen, P.C. *see* Paslaski, J.S. 58353
Chen, P.I. *see* Tseng, R. 31304
Chen, P.M., Wee Teck Ng, Chandra, S., Aycock, C., Rajamani, G., Lowell, D. The Rio file cache: surviving operating system crashes 1337
Chen, P.M. *see* Jacob, B.L. 1347
Chen, Q., Bai, L., Gu, G., Wang, Y. The space-time domain median filtering in low-light-level noise processing 15785
Chen, Q., Gaska, R., Khan, M.A., Shur, M.S., Ping, A., Adesida, I., Burm, J., Schaff, W.J., Eastman, L.F. Microwave performance of 0.25 μm doped channel GaN/AlGaN heterostructure field effect transistor at elevated temperatures 41469
Chen, Q., Sousa, E.S., Pasupathy, S. Multicarrier CDMA with adaptive frequency hopping for mobile radio systems 16597
Chen, Q., Yang, J.W., Osinsky, A., Gangopadhyay, S., Lim, B., Anwar, M.Z., Khan, M.A., Kuksenkov, D., Temkin, H. Transparent Schottky barrier detectors on GaN for visible-blind ultraviolet detection 58757
Chen, Q. *see* Bai, L. 15786
Chen, Q. *see* Bai, L. 15793
Chen, Q. *see* Beaton, P. 26604
Chen, Q. *see* Jiang, H.X. 41899
Chen, Q. *see* Kezunovic, M. 50628
Chen, Q. *see* Khan, M.A. 13026
Chen, Q. *see* Khan, M.A. 13902
Chen, Q. *see* Khan, M.A. 31509
Chen, Q. *see* Khan, M.A. 43137
Chen, Q. *see* Knap, W. 54169
Chen, Q. *see* Lim, B.W. 48557
Chen, Q. *see* Luther, B.P. 22425
Chen, Q. *see* Ping, A.T. 54458
Chen, Q. *see* Scheffknecht, G. 19556
Chen, Q. *see* Smith, M. 12213
Chen, Q. *see* Sun, C.J. 44277
Chen, Q. *see* Wu, H. 25791
Chen, Q. *see* Yang, J.W. 12341
Chen, Q.C. *see* Bykhovski, A.D. 2024
Chen, Q.C. *see* Lim, B.W. 7365
Chen, Q.M. *see* Brauer, J.R. 44965
Chen, Q.X. *see* Bao, N.Sh. 60618
Chen, R. *see* Lee, K.-W. 187
Chen, R. *see* Silverstein, M.S. 21382
Chen, R.C., Blair, W.D. Aeolotropic filter design and measurement gating for remote tracking with gridlock error 48045
Chen, R.J. *see* Jiang, Z.X. 22224
Chen, R.L. *see* Spanos, C.J. 54775
Chen, R.M.M. *see* Jia, X.D. 1108
Chen, R.M.M. *see* Jia, X.D. 11140
Chen, R.M.M. *see* Jianhua Shao 11056
Chen, R.M.M. *see* Niu, G.F. 2637
Chen, R.M.M. *see* Niu, G.F. 12929
Chen, R.M.M. *see* Niu, G.F. 32428
Chen, R.M.M. *see* Niu, G.F. 32432
Chen, R.M.M. *see* Wu, K.Y. 1077
Chen, R.S. Nonlinear analysis of synchronized microwave oscillator using Volterra Series 53573
Chen, R.S. Analysis of nonlinear microwave oscillator with subharmonically injected signal 53574
Chen, R.S., Liu, Z., Yung, K.N. W-band 1/3 frequency dividers 41472
Chen, R.S., Zhang, Q.T., Yung, K.N. W-band Gunn second subharmonically locked oscillator 41473
Chen, R.T., Chou, Y., Chen, W.-Y. Bumping process for 40-mil PBGA 20889
Chen, R.T., Li, R.L.Q. Photonic true-time-delays based on multiplexed substrate-guided wave propagation for phased array antenna applications 24584
Chen, R.T. *see* Chunhe Zhao 57918
Chen, R.T. *see* Degui Sun 33317
Chen, R.T. *see* Ershov, O. 33093
Chen, R.T. *see* Huajun Tang 32981
Chen, R.T. *see* Li, R.L.Q. 13674
Chen, R.T. *see* Li, R.L.Q. 23530
Chen, R.T. *see* Suning Tanp 55345
Chen, R.T. *see* Tang, S. 4107
Chen, R.T. *see* Zhou, C. 24261
Chen, S., Chng, E.S., Mulgrew, B., Gibson, G. Minimum-BER linear-combiner DFE 5686
Chen, S., Fu, M. Computer assisted language learning in teacher education: training of tones and stress patterns in Asian languages 24851
Chen, S., Hu, Y. Impact and near failure detection using digital spatial domain multiplexing technique 48636
Chen, S., Takoudis, C., Uzsoy, R. Yield of silicon selective epitaxial growth and its role in the production planning and control of three-dimensional semiconductor devices 30770

Chen, S. *see* Guo, H. 12104
Chen, S. *see* Hu, Y. 17422
Chen, S. *see* Xia, S. 36529
Chen, S.-A., Chuang, K.-R., Chao, C.-I., Lee, H.-T. White-light emission from electroluminescence diode with polyaniline as the emitting layer 33301
Chen, S.-F. *see* Chu, P.-T. 54506
Chen, S.-M. The provision of LAN interconnection service in Taiwan's NII trials 47203
Chen, S.-M., Gwilliam, R.M., Sealy, B.J. MOS device fabrication via plasma immersion ion implantation 54276
Chen, S.-T. *see* Ching-Lung Chang 16329
Chen, S.-W., Panton, W., Gilmore, R. Effects of nonlinear distortion on CDMA communication systems 25885
Chen, S.-Y. *see* Chan, D.-Y. 15205
Chen, S.-Y.J. *see* Remin Lin 49528
Chen, S.C. *see* Lin, L.C.-L. 37194
Chen, S.H. *see* Ku, T.K. 41740
Chen, S.H. *see* Tsai, C.T. 921
Chen, S.J., Hoffmann, K.R., Carroll, J.D. Computer assisted coronary intervention: 3D reconstruction and determination of optimal views 37653
Chen, S.J. *see* Lin, J.L. 51118
Chen, S.K. *see* Chang, W.C. 3132
Chen, S.M. *see* Huang, Y.Z. 17882
Chen, S.M. *see* Juang, F.S. 42125
Chen, S.M. *see* Su, Y.K. 48523
Chen, S.P., Kress, J.D., Voter, A.F., Albers, R.C. Electrically inactive poly-silicon grain boundaries 54023
Chen, S.S., Kuo, J.B. An analytical CAD kink effect model of partially-depleted SOI NMOS devices operating in strong inversion 43005
Chen, S.S., Lin, S.C., Kuo, J.B. Kink effect on subthreshold current conduction mechanism for n-channel metal-oxide-silicon devices 2269
Chen, S.S. *see* Troendly, G.M. 8276
Chen, S.T. *see* Mason, S. 53604
Chen, S.X. *see* Su, S.H. 55440
Chen, S.Y., Chew, W.C. Using FDTD and PML to analyze complicated microstrip structures 45373
Chen, S.Y. *see* Hoffmann, K.R. 37652
Chen, T., Babij, T.M., Siwiak, K. FD-TD analysis of scattering of electromagnetic fields close to phantom humans 37898
Chen, T., Boucher, R.F. Junction characteristics of energy wave methods 56072
Chen, T., Rao, R. Joint audio-video processing for multimedia 47331
Chen, T., Swain, C.T., Haskell, B.G. Coding of subregions for content-based scalable video 35200
Chen, T., Yergeau, D.W., Dutton, R.W. Efficient 3D mesh adaptation in diffusion simulation 13109
Chen, T. *see* Alzahrani, F. 43325
Chen, T. *see* Civanlar, M.R. 47339
Chen, T. *see* Cox, W.R. 52208
Chen, T. *see* Qiu, L. 50343
Chen, T. *see* Swain, C. 56855
Chen, T. *see* Vonkyoung Kim 43265
Chen, T. *see* Yong-Bin Kim 1298
Chen, T. *see* Yong-Bin Kim 1300
Chen, T. *see* Yong-Bin Kim 40841
Chen, T. *see* Zhou, C. 46526
Chen, T.-C. *see* Loong, W.-A. 2463
Chen, T.C. *see* Stoebe, T.G. 8198
Chen, T.F. *see* Sun, S.C. 41541
Chen, T.H., Chuang, H.J. Applications of the complex short-circuit MVA method to power flow studies 60207
Chen, T.P. *see* Chang, S.J. 23700
Chen, T.P. *see* Luo, Y.L. 42248
Chen, T.P. *see* Xu Xiaoliang 3321
Chen, T.R., Chen, P.C., Ungar, J., Newkirk, M.A., Oh, S., Bar-Chaim, N. Low-threshold and high-temperature operation of InGaAlAs-InP lasers 23904
Chen, T.R., Chen, P.C., Ungar, J., Oh, S., Luong, H., Bar-Chaim, N. Wide temperature range linear DFB lasers at 1.3 μm with very low threshold 55646
Chen, T.R., Ungar, J., Ianelli, J., Oh, S., Luong, H., Bar-Chaim, N. DFB laser with 95 mW output at 1.55 μm 23920
Chen, T.R. *see* Gee, C.M. 55672
Chen, T.S. *see* Lin, Y.F. 48300
Chen, T.T. *see* Chuang, F.Y. 12063
Chen, V.C. Adaptive time-frequency ISAR processing 26996
Chen, V.C., Shie Qian Time-frequency transform vs. Fourier transform for radar imaging 48041
Chen, V.C. *see* Wang, S.X. 8655
Chen, W., Abraham-Shrauner, B. The effects of ion sheath collisions on trench etch profiles 32218
Chen, W., Gentile, J., Higgins, L. FCOB reliability evaluation simulating multiple rework/reflow processes 231
Chen, W., Itoh, S., Shiki, J. Sampling theorems by wavelets for irregularly sampled signals 24906
Chen, W., Klove, T. The weight hierarchies of q-ary codes of dimension 4 24726
Chen, W., Reilly, J.P., Wong, K.M. Detection of the number of signals in noise with banded covariance matrices 4626
Chen, W., Taur, Y., Sadana, D., Jenkins, K.A., Sun, J., Cohen, S. Suppression of the SOI floating-body effects by linked-body device structure 2799
Chen, W. *see* Bellwied, R. 59284
Chen, W. *see* Jen, L. 34386
Chen, W. *see* Meng, A. 36642
Chen, W. *see* Pandey, S.U. 37293
Chen, W. *see* Wu, X. 55879
Chen, W.-F., Kuo, C.-C.J. Bit stream classification using joint and conditional entropies 15263
Chen, W.-K. *see* Zha, Q.-Z. 52935
Chen, W.-M., Pozder, S., Limb, Y., Sitaram, A.R., Fiordalice, B. Study of cobalt salicide fabrication on sub-quarter micron polysilicon lines 22615
Chen, W.-S.E., Chun-Hong Lin Libra: an object-oriented ATM network simulator 46653
Chen, W.-S.E. *see* Sheng-Lin Wu 57595
Chen, W.-Y. *see* Chen, R.T. 20889
Chen, W.C. *see* Mai, Z.H. 30729
Chen, W.D., Yung, E.K.N., Yam, Y.O., Ding, H.Y. 8 mm duplex link for multi-functional information transmission 47573
Chen, W.D., Yung, E.K.N., Yam, Y.O., Ding, H.Y. 8 mm wave multi-channel video and audio transmission system 47574
Chen, W.D. *see* Ding, H.Y. 41405
Chen, W.L. *see* Chen, Y.H. 32329
Chen, W.M., Buyanova, I.A., Buyanov, A., Bi, W.G., Tu, C.W. Intrinsic n-type modulation doping in InP-based heterostructures 22540
Chen, W.M., Buyanova, I.A., Henry, A., Ni, W.-X., Hansson, G.V., Monemar, B. Important defect aspects in optoelectronic applications of Si- and SiGe/Si-heterostructures 2112
Chen, W.M., Li, L.Y., Zhang, B.P., Wu, F.M., Yu, Z., Jin, X. A study of a microwave cavity tuned oscillator 7548
Chen, W.M. *see* Buyanova, I.A. 2167
Chen, W.M. *see* Ni, W.-X. 2168
Chen, W.M. *see* Son, N.T. 31889
Chen, W.M. *see* Son, N.T. 42015
Chen, W.T. *see* Chen, J.C. 3839
Chen, W.T. *see* Chen, J.C. 23923
Chen, W.T. *see* Cheng, W.H. 14503
Chen, W.T. *see* Kuo, A.Y. 210
Chen, W.T. *see* Venkatraman, R. 31609
Chen, W.X. *see* Tang, Z.Y. 38952
Chen, W.Y. Architecture and performance simulation of single pair HDSL 6363
Chen, X. QoS-based modeling of multiservice applications and its communication control issues 35379
Chen, X., Altounian, Z., Strom-Olsen, J.O. Bulk anisotropic magnet of Sm_2Fe_{17} type produced from the carbide by gas-solid reaction after sintering 3244
Chen, X., Esterson, M., Lindsay, P.A. Computer modelling of phase locking in magnetrons 53973
Chen, X., Kendal, S.L., Potts, I.W. An object-oriented modelling approach for designing VLSI/PCB 52956
Chen, X., Luthra, A. MPEG-2 multi-view profile and its application in 3DTV 48228
Chen, X., Molloy, C.H., Cooper, C., Woolf, D.A., Westwood, D., Somerford, D.J., Blood, P. Screening, band filling and band-gap renormalization in piezoelectric quantum well systems 31981
Chen, X., Moser, L.E., Melliar-Smith, P.M. Flow control techniques for multicasting in gigabit networks 57908
Chen, X., Zaidi, S.H., Brueck, S.R.J., Devine, D.J. Interferometric lithography of sub-micrometer sparse hole arrays for field-emission display applications 7501
Chen, X. *see* Farzaneh, M. 8932
Chen, X. *see* Farzaneh, M. 38395
Chen, X. *see* Lindsay, P.A. 31706
Chen, X. *see* Venkateswaran, R. 5786
Chen, X. *see* Wang, Y. 10176
Chen, X. *see* Zhang, J. 8938
Chen, X.B., Zhang, G.Y., Mao, Y.H., Hou, Y.B., Feng, Y., Hao, Z. Research on the up-conversion luminescence of Tm^{3+} ion in crystal and amorphous pentaphosphate materials 4080
Chen, X.C., Chaddha, N., Gupta, A. Quadtree based adaptive lossy coding of motion vectors 56787
Chen, X.F. *see* Cherng, J.G. 30368
Chen, X.H., Lang, T., Oksman, J. Correlation statistics distribution convolution (CSDC) modeling for studying CDMA indoor wireless systems with RAKE receiver, power control and multipath fading 6465
Chen, X.H., Sim, H.K., Kooi, P.S. An effective CDMA multi-user detection scheme–orthogonal decision-feedback detection and its performance analysis 35981
Chen, X.L., Jenekhe, S.A. Semiconducting polymer quantum wires 42180
Chen, X.Q. *see* Li Biao 30819
Chen, X.R., Pahalawaththa, N.C., Annakkage, U.D., Kumble, C.S. Simulated annealing for the design of power system damping controllers 60289
Chen, X.T., Lombardi, F. A coloring approach to the structural diagnosis of interconnects 13089
Chen, X.Y., Koenraad, P.M., Hooge, F.N., Wolter, J.H., Aninkevicius, V. 1/f noise in δ-doped GaAs analyzed in terms of mobility fluctuations 41976
Chen, Y. Black solitons in dispersion-managed fiber transmission systems 33679
Chen, Y., Dougherty, E.R. Adaptive reconstructive τ-openings: Convergence and the steady-state distribution 5521
Chen, Y., Faini, G., Launois, H., Etrillard, J. Fabrication of two-dimensional photonic lattices in GaAs: the regular graphite structures 44038
Chen, Y. *see* Chan, H.L.W. 32676
Chen, Y. *see* Chtchekine, D.G. 40314
Chen, Y. *see* Cuciurean-Zapan, C. 15929
Chen, Y. *see* Damianakis, S.N. 47219
Chen, Y. *see* Hadley, P. 54725
Chen, Y. *see* Kang, S.S. 13413
Chen, Y. *see* Kushawaha, V. 14071
Chen, Y. *see* Liliental-Weber, Z. 10621
Chen, Y. *see* Liliental-Weber, Z. 10804
Chen, Y. *see* Ramirez, R. 41992
Chen, Y. *see* Salesse, A. 54079
Chen, Y. *see* Salomon, L. 43933
Chen, Y. *see* Singh, R. 22493
Chen, Y. *see* Wu, C.W. 986
Chen, Y. *see* Wu, C.W. 989
Chen, Y. *see* Zhu, Z. 13077
Chen, Y.-A., Bryant, R.E. ACV: an arithmetic circuit verifier 11359
Chen, Y.-C., So, W.W., Lee, C.C. A fluxless bonding technology using indium-silver multilayer composites 39757
Chen, Y.-K. *see* Wu, T.-F. 51120
Chen, Y.-L. Weak bus oriented reactive power planning for system security 8837
Chen, Y.-M. *see* Shie, J.-S. 17369
Chen, Y.-M. *see* Yao, J.-H. 27187
Chen, Y.-S. *see* Jang, S.-L. 54561
Chen, Y.-W. *see* Nagamoto, H. 57434
Chen, Y.-W. *see* Nakasone, M. 57432
Chen, Y.-W. *see* Noborikawa, M. 57433
Chen, Y.-W. *see* Tobaru, S. 57431
Chen, Y.C., Lai, R., Lin, E., Wang, H., Block, T., Yen, H.C., Streit, D., Jones, W., Liu, P.H., Dia, R.M., Huang, T.-W., Huang, P.-P., Stamper, K. A 94-GHz 130-mW InGaAs/InAlAs/InP HEMT high-power MMIC amplifier 53672
Chen, Y.C., Repperger, D.W. A study of the kinematics, dynamics and control algorithms for a centrifuge motion simulator 8226
Chen, Y.C. *see* Chen, H.Z. 48974
Chen, Y.C. *see* Hone-Zern Chen 3282
Chen, Y.C. *see* Lai, R. 41496
Chen, Y.C. *see* Li, G.P. 22889
Chen, Y.C. *see* Yongming Guo 44453
Chen, Y.F., Huang, T.M., Lin, K.H., Lao, C.F., Wang, C.L., Wang, S.C. Analysis of the effect of pump position on transverse modes in fiber-coupled laser-diode end pumped lasers 44422
Chen, Y.F., Kao, C.F., Wang, S.C. Analytical model for the design of fiber-coupled laser-diode end-pumped lasers 14060
Chen, Y.F., Zarembinski, S., Ivanov, Z.G. Noise properties and measurements on $Tl_2Ba_2CaCu_2O_8$ dc-SQUIDs 32924
Chen, Y.F. *see* Bagnall, D.M. 55710
Chen, Y.F. *see* Dai, Y.T. 12446
Chen, Y.F. *see* Dai, Y.T. 42091
Chen, Y.F. *see* Fan, J.C. 2017
Chen, Y.F. *see* Hu, Q.-H. 32914
Chen, Y.F. *see* Liao, M.C.H. 52684
Chen, Y.F. *see* Sun, L. 10847
Chen, Y.H. Constructing efficient features for back-propagation in visual inspections 20985
Chen, Y.H., Chew, W.C., Oristaglio, M. Elongated 3D FDTD modeling using PML 33925
Chen, Y.H., Jan, G.J. Photoreflectance characterization on the InAlAs-InGaAs heterojunction bipolar transistors 42957
Chen, Y.H., Tam, S.C., Chen, W.L., Zheng, H.Y. Application of the Taguchi method in the optimization of laser micro-engraving of photomasks 32329
Chen, Y.H., Wang, Z.G., Qian, J.J., Sun, M.F. Threshold behavior in backgating in GaAs metal-semiconductor field-effect transistors: induced by limitation of channel-substrate junction to leakage current 32439
Chen, Y.H., Wilkinson, C.I., Woodhead, J., David, J.P.R., Button, C.C., Robson, P.N. Influence of ordering on the polarization characteristics of GaInP vertical-cavity surface-emitting lasers 23972
Chen, Y.H., Wilkinson, C.I., Woodhead, J., David, J.P.R., Button, C.C., Robson, P.N. Polarisation characteristics of visible VCSELs 44602
Chen, Y.H. *see* Roberts, J.S. 40487
Chen, Y.J., Freidberg, J.P. A method for modeling the winding pattern of a large scale superconducting cable [ITER magnet] 8911
Chen, Y.J., Shi, Y.W., Lei, Y.P. Use of a wavelet analysis technique for the enhancement of signal-to-noise ratio in ultrasonic NDE 10996
Chen, Y.J. *see* Choa, F.S. 13867
Chen, Y.J. *see* Haifeng Li 35883
Chen, Y.J. *see* Ho, Y.P. 36129
Chen, Y.J. *see* Johnson, F.G. 55712
Chen, Y.J. *see* Porkolab, G.A. 22565
Chen, Y.J. *see* Porkolab, G.A. 44247
Chen, Y.J. *see* Vusirikala, V. 3389
Chen, Y.J. *see* Wenhua Lin 6721
Chen, Y.J. *see* Wenhua Lin 26722
Chen, Y.K., Liaw, S.K. Optimum gain-equalised configuration of wideband erbium-doped fibre amplifier using inter-stage samarium-doped fibre and midway isolator 6816
Chen, Y.K., Liaw, S.K., Guo, W.Y., Chi, S., Cheng, W.H. Multiwavelength optical power-limiting amplifier and its applications in a SONET WDM self-healing ring network 16677
Chen, Y.K. *see* Fang, W. 23922

Chen, Y.K. *see* Fang, W. 33499
Chen, Y.K. *see* Hooke, C.J. 22005
Chen, Y.K. *see* Malik, R.J. 1736
Chen, Y.K. *see* Ren, F. 43103
Chen, Y.L., Tay, K.-W., Chen, B.-S. Model-based filter banks and corresponding subband coding systems: multirate state-space approach 45669
Chen, Y.P. *see* Almeida, L.A. 709
Chen, Y.P. *see* Almeida, L.A. 719
Chen, Y.S. *see* Wu, N.J. 17373
Chen, Yu.G. *see* Yuang, M.C. 6329
Chen, Z., Spooner, E. Power converter options for variable speed wind turbines 19647
Chen, Z. *see* Hu, Y.T. 19692
Chen, Z. *see* Krumins, A. 43501
Chen, Z. *see* Lee, D.M. 59268
Chen, Z. *see* Ma, J.G. 56036
Chen, Z. *see* Park, D.-G. 42312
Chen, Z. *see* Wu, R. 23571
Chen, Z.-K. *see* Karasawa, K. 22008
Chen, Z.-T. *see* Jiang, F. 36864
Chen, Z.-T. *see* Zhang, W.-M. 53675
Chen, Z.J. *see* Minelly, J.D. 26818
Chen, Z.J. *see* Vienne, G.G. 13567
Chen, Z.N., Leung, K.W., Luk, K.M., Yung, E.K.N. Electromagnetic scattering from the probe-fed hemispherical dielectric resonator antenna 34305
Chen, Z.N., Leung, K.W., Luk, K.M., Yung, E.K.N. Electromagnetic scattering from a monopole antenna in the presence of a hemisphere conductor 34328
Chen, Z.Y. *see* Zhao, J.P. 40630
Chen Aiju *see* Aiju Chen
Chen An Mei *see* An Mei Chen
Chen Antao *see* Antao Chen
Chen Bai-Jun, Hou Jing-Ying, Huang Jing-Song, Liu Shi-Yong Flexible blue light emitting diodes made from dye doped poly(N-vinylcarbazole) with multilayer structure 55455
Chen Bai-Jun *see* Huang Jing-Song 44285
Chen Baijun *see* Liu Baolin 2136
Chen Baijun *see* Baijun Chen
Chen Baoxing *see* Baoxing Chen
Chen Ben *see* Ben Chen
Chen Biao *see* Biao Chen
Chen Biing-Yau *see* Biing-Yau Chen
Chen Bin, Hong Jiarong, Wang Yadong The problem of finding optimal subset of features 57331
Chen Bing, Shen Xuekui Design and development of Socket's communication platform 16077
Chen Bingru *see* Wang Weihua 18139
Chen Bo *see* Bo Chen
Chen Bo Su *see* Bo Su Chen
Chen Bor-Sen *see* Bor-Sen Chen
Chen Boshi *see* Feng Xiaogang 29677
Chen Boxian *see* Mo Dawei 18144
Chen Caisheng *see* Caisheng Chen
Chen Chang Wen *see* Chang Wen Chen
Chen Chang-Qian, Koh Soo-Ngee, Sivaprakasapillai, P. A modified generalised Lloyd algorithm for VQ codebook design 15054
Chen Chang-Shun *see* Chang-Shun Chen
Chen Chang-Yu *see* Chang-Yu Chen
Chen Changpin *see* Pan Hongge 23296
Chen Changshen *see* He Mincai 58742
Chen Chao *see* Chen Songyan 40462
Chen Chao *see* Chao Chen
Chen Chao-Jung *see* Chao-Jung Chen
Chen Chao-Kuang *see* Chao-Kuang Chen
Chen Chao-Liang *see* Chao-Liang Chen
Chen Chao-Lieh *see* Chao-Lieh Chen
Chen Chao-Shun, Hwang Jong-Ching, Liu Jih-Phong, Lin Cheh-Hsiung, Huang Chia-Wen The load survey and load analysis of Taiwan power system 60318
Chen Chao-Wang *see* Chao-Wang Chen
Chen Chaoyang, Chen Guanju, Yu Juebang A functional level test generation method of combinational circuit with critical binary tree 1277
Chen Chen, Song Yiqun, Liu Bei Dynamic performance of a static excitation system 50321
Chen Chen *see* Yi-Hua Liu 13418
Chen Chen *see* Chen Chen
Chen Chen-Hwa *see* Chen-Hwa Chen
Chen Chern-Lin *see* Chern-Lin Chen
Chen Chi-Hung *see* Chi-Hung Chen
Chen Chieh-Li *see* Chieh-Li Chen
Chen Chih-Ang *see* Chih-Ang Chen
Chen Chih-Chin *see* Chih-Chin Chen
Chen Chih-Hao *see* Chih-Hao Chen
Chen Chii-Wen *see* Chii-Wen Chen
Chen Chin-Hsing *see* Chin-Hsing Chen
Chen Chin-Lin *see* Chin-Lin Chen
Chen Chin-Tu *see* Chin-Tu Chen
Chen Chin-Yang *see* Chin-Yang Chen
Chen Ching-Hui *see* Ching-Hui Chen
Chen Ching-Tu *see* Ching-Tu Chen
Chen Ching-Yuan *see* Ching-Yuan Chen
Chen Chinglung *see* Chinglung Chen
Chen Chingson *see* Chingson Chen
Chen Chiping, Qian Qian, Davidson, R.C. Chaotic behavior and halo development in the transverse dynamics of heavy-ion beams 59124
Chen Choung-Chu *see* Choung-Chu Chen
Chen Chu-Song *see* Chu-Song Chen
Chen Chuan-Chung *see* Chuan-Chung Chen
Chen Chuan-I *see* Chuan-I Chen
Chen Chuangtian *see* Chuangtian Chen
Chen Chun Hsiung *see* Chun Hsiung Chen
Chen Chun Yuan *see* Chun Yuan Chen
Chen Chun-Hung *see* Chun-Hung Chen
Chen Chun-Te *see* Chun-Te Chen
Chen Chun-Ying *see* Chun-Ying Chen
Chen Chung-Ho *see* Chung-Ho Chen
Chen Chung-Ming *see* Chung-Ming Chen
Chen Chung-Ping *see* Chung-Ping Chen
Chen Chung-Tze *see* Chung-Tze Chen
Chen Chunhong, Tang Pushan Cluster-based placement for macrocell gate arrays 53139
Chen Chunlin, Ruan Qiantu, Cheng Daoping Dispatching by levels and by districts in Shanghai power network 8816
Chen Cixuan Research and development of semiconductor lightning eliminator 50639
Chen Da-Ming *see* Xia Yi-Ben 855
Chen Dao Wen *see* Dao Wen Chen
Chen Datong *see* Datong Chen
Chen De Ying *see* De Ying Chen
Chen De-Sheng *see* De-Sheng Chen
Chen Degui, Chen Yong, Yuan Hai Wen Investigation of back commutation phenomena for narrow slot arc quenching chamber in current limiting circuit breaker 19908
Chen Degui *see* Degui Chen
Chen Deng-Yuan *see* Deng-Yuan Chen
Chen Deshu *see* Cheng Lijun 8954
Chen Deshu *see* Guan Lin 50372
Chen Deshu *see* Huang Jian 19115
Chen Deshu *see* Huang Jian 38285
Chen Deshu *see* Su Hongbo 50896
Chen Dihu, Wei Aixian, Fan Anfu, Zhong Tao CO_2 pulsed laser techniques for solar cell processing 22522
Chen Duanbao *see* He Jingtang 37295
Chen Erli *see* Erli Chen
Chen Faliang Analytical solution for laser-induced heating and thermal stress crack of optical material targets 20850
Chen Fen-Shi *see* Li Xu 56546
Chen Feng, Ahmad, A. Design of an in-vivo microscope to characterize cataracts in human eyes 49483
Chen Feng *see* Li Qinghui 18899
Chen Feng *see* Feng Chen
Chen Fujie *see* Peng Yuxing 2767
Chen Furong Crystallization at a constant quantity: a new control method in high quality quartz growth 10623
Chen Fushen, Liu Yunqi, Xu Yu, Liang Qu Effects of Langmuir-Blodgett-film gas sensors with integrated optical interferometers 7470
Chen Ga-Lane *see* Ga-Lane Chen
Chen Gang *see* Cheng Zhaogu 3699
Chen Gaoting *see* Sang Wenbin 10683
Chen Gaoting *see* Zhao Hao 3382
Chen Gelin, Yue Guangqi, Hu Sizheng, Luo Shuyun, Ren Wenge, Zhang Keqian Research on SAM and its image processing 8567
Chen Gen-Xiang, Li Xun, Yang Ling, Jian Shui-Sheng, Ge Huang, Wang Wei Chirped fiber Bragg gratings for optical fiber dispersion compensation 43939
Chen Genxiang *see* Li Xun 30802
Chen Gesong, Ban Liangeng A study on electric parameters and electromagnetic transient of 330 kV compact transmission line 50567
Chen Gin-Shiang *see* Gin-Shiang Chen
Chen Guangpei *see* Mao Zepu 59254
Chen Guangyu *see* Guangyu Chen
Chen Guanju *see* Chen Chaoyang 1277
Chen Guanrong *see* Guanrong Chen
Chen Guanxiong *see* Liu Jun 22343
Chen Guican, Cheng Jun, Tang Xiaoyan Design and implementation of high speed code extractor 53145
Chen Guo-Ding *see* Guo-Ding Chen
Chen Guofu *see* Hu Wei 14015
Chen Guofu *see* Hu Wei 33714
Chen Guoliang *see* Guoliang Chen
Chen Guoqiang *see* Liu Jinliang 53983
Chen Guorui *see* Tian Feng 55988
Chen Guoxiong, He Shaoxiong, Pan Zushan A study of strategy for removing AC voltage lower harmonics in power-electronics inverter output 19834
Chen Guoying *see* Guoying Chen
Chen Guoyue *see* Guoyue Chen
Chen HaiXin *see* HaiXin Chen
Chen Hao, Fan Xiaomin, Zhu Xuezhong Basic theory and practice of commutation for switched reluctance drive 29667
Chen Hao *see* Hao Chen
Chen Hao-Hui *see* Hao-Hui Chen
Chen Heng *see* Wang Dazhong 19786
Chen Hone-Zern *see* Hone-Zern Chen
Chen Hong, Xie Xiao-Gang, Cheng Wen-Qin, Huang Qi, Zhou Jun-Ming Growth and luminescence of SiGe self-organized dots 786
Chen Hong, Zhang Ji-Fa, Cui Jing-Biao, Fang Rong-Chuan Deposition of diamond film on aluminum nitride ceramics and the study of their thermal conductance 894
Chen Hong *see* Ma Kun 40309
Chen Hong *see* Yang Jian 38286
Chen Hong *see* Hong Chen
Chen Hong-Ming *see* Hong-Ming Chen
Chen Hong-Twu *see* Hong-Twu Chen
Chen Hongbing *see* Hongbing Chen
Chen Hongfang *see* Han Jiaxiang 37479
Chen Hongyi *see* Shu Qingming 15655
Chen Hongyi *see* Wu Xiaodong 56412
Chen Hongyi *see* Yang Huimin 58049
Chen Hongyi *see* Hongyi Chen
Chen Hongyu *see* Hongyu Chen
Chen Houpeng, Lu Yuan, Lin Zhenghui P+P: parallel pattern and parallel fault simulator for synchronous sequential circuit 53160
Chen Hsi-Chuan *see* Hsi-Chuan Chen
Chen Hsiao-Chi *see* Hsiao-Chi Chen
Chen Hsin-Yuan *see* Hsin-Yuan Chen
Chen Hsiu-Wen *see* Hsiu-Wen Chen
Chen Hua *see* Hua Chen
Chen Huaijin Enhancement of power system stability by controllable series compensation 50444
Chen Huajie *see* Huajie Chen
Chen Huan-Chu *see* Zhang Liang-Min 33674
Chen Huan-Chu *see* Zhang Liang-Min 55850
Chen Huan-Chu *see* Huan-Chu Chen
Chen Huanchu *see* Zhao Hua 33715
Chen Huey-Kuo *see* Huey-Kuo Chen
Chen Hui *see* Hui Chen
Chen Hui-Ping *see* Hui-Ping Chen
Chen Huibao *see* Huibao Chen
Chen Huihua *see* Peng Xiaolang 50620
Chen Huihuang *see* Wang Chengyou 56406
Chen Huiying *see* Wang Congfangg 33610
Chen Hung-Yi *see* Hung-Yi Chen
Chen Ih-Chin *see* Ih-Chin Chen
Chen Ing Youn *see* Ing Youn Chen
Chen Jau-Hung *see* Jau-Hung Chen
Chen Jau-Wen *see* Jau-Wen Chen
Chen Jau-Yuen *see* Jau-Yuen Chen
Chen Jen-Hung *see* Jen-Hung Chen
Chen Jen-I *see* Jen-I Chen
Chen Jen-Shiun *see* Jen-Shiun Chen
Chen Jeng-Der *see* Jeng-Der Chen
Chen Jenn-Hong *see* Chou Wayne-Shien 28840
Chen Jenq-Shyong *see* Jenq-Shyong Chen
Chen Jhy-Gau *see* Jhy-Gau Chen
Chen Ji, Leary, M., Ballantyne, J.M. Triangular shaped waveguide diode ring laser fabricated using Cl_2 RIBE in InP/InGaAsP 44493
Chen Ji-Ping *see* Ji-Ping Chen
Chen Jia-Lin *see* Jia-Lin Chen
Chen Jia-Yuh *see* Jeng Yih 60223
Chen Jiabi *see* Jiabi Chen
Chen Jiaer *see* Zu Donglin 59180
Chen Jian, Cao Jianjie Study on LD-CELP coder at the bit rate of 8 Kb/s 45605
Chen Jian, Chen Lingling Multi-network of a practical thermal power plant 29062
Chen Jian *see* Liu Naian 46880
Chen Jian *see* Jian Chen
Chen Jian-Feng *see* Jian-Feng Chen
Chen Jian-Jun *see* Jian-Jun Chen
Chen Jian-San *see* Chen Tsai-Hsiang 28866
Chen Jianjun *see* Chen Wufan 59552
Chen Jianming *see* Jianming Chen
Chen Jiann-Fuh, Chen Shin-Der, Liu Fu-Young, Chen Ming-Su A study on the synchronized phasor measurement units for load flow analysis 60440
Chen Jiann-Fuh *see* Jiann-Fuh Chen
Chen Jiann-Jone *see* Jiann-Jone Chen
Chen Jiann-Liang *see* Jiann-Liang Chen
Chen Jiann-Ruey *see* Jiann-Ruey Chen
Chen Jianyao *see* Jianyao Chen
Chen Jianzhong, Li Yonggui, Zhou Minzhi, Yao Fuqiang Digital correlator EPLD design 53310
Chen Jiaofan *see* Jiaofan Chen
Chen Jiasheng *see* Jiasheng Chen
Chen Jie, Zhu Zhencai, Gu Peifu, Tang Jinfa Study of the vertically aligned liquid crystal light valve and its photoelectric performance 3484
Chen Jie Chee, Gou Hui Li, Chang Huang A new method of obtaining scattering matrix of microwave SOI MOSFET device 53582
Chen Jieping, Zhu Junfan S-band low phase noise reference source 53592
Chen Jiesheng *see* Jiesheng Chen
Chen Jim-Rong *see* Jim-Rong Chen
Chen Jin *see* Jin Chen
Chen Jin-Jian *see* Jin-Jian Chen
Chen Jin-Jou *see* Jin-Jou Chen
Chen Jin-Sen *see* Jin-Sen Chen
Chen Jin-Yuan *see* Jin-Yuan Chen
Chen Jing Millimeter wave chaff length and its error distribution 16860
Chen Jing An objective assessment of synthetic Chinese speech making use of spectral sensitivity of LSP parameters 56413
Chen Jing-Yuh *see* Jing-Yuh Chen
Chen Jinghong *see* Mo Dawei 18144
Chen Jingshao *see* Xue Yuwang 46670
Chen Jinqing *see* Han Xiaolian 19888
Chen Juin-Hwey *see* Juin-Hwey Chen
Chen Jun *see* Qu Xinghua 17197
Chen Jun *see* Zhang Liang-Min 55850
Chen Jun *see* Jun Chen
Chen Junbi *see* Junbi Chen
Chen Junewen *see* Junewen Chen
Chen Junliang *see* Wang Zhongping 47029
Chen Junliang *see* Yin Zhiyu 47253
Chen Junliang *see* Junliang Chen
Chen Junlin, Cao Lu, Xu Jianguang, Yu Yilu Analysis of low frequency power swing in Nantong-Chongming power system 38299
Chen Jwu-E *see* Jwu-E Chen
Chen Jyh-Cheng *see* Jyh-Cheng Chen
Chen Jyh-Shin *see* Jyh-Shin Chen

Chen Jyhchen, Lee Yeouchang, Hu Chieh A simple method of examining the propagation of defects in the floating-zone solidification process of lithium niobate 10587
Chen Kai *see* Kai Chen
Chen Kaitai *see* Chen Weijun 46395
Chen Kang *see* Kang Chen
Chen Ke, Bao Weiquan, Chi Huisheng Speed up training of the recurrent neural network based on constrained optimization techniques 15022
Chen Ke *see* Ke Chen
Chen Keh-Jiann *see* Keh-Jiann Chen
Chen Kejian, Zhu Qin A self-organized fuzzy control system used for a dual-wavelength frequency stabilized CO_2 laser 3702
Chen Ken-Wang *see* Ken-Wang Chen
Chen Kewei *see* Kewei Chen
Chen Kongchang *see* Liu Shenggao 31902
Chen Koo Ping *see* Ping Chen Koo
Chen Kuan-Dar *see* Kuan-Dar Chen
Chen Kuang-Chien *see* Kuang-Chien Chen
Chen Kun-Fa *see* Kun-Fa Chen
Chen Kun-Nen *see* Kun-Nen Chen
Chen Kung-Keng *see* Kung-Keng Chen
Chen Kunji *see* Kunji Chen
Chen Kuo Liang *see* Liang Chen Kuo
Chen Kwang-Cheng *see* Kwang-Cheng Chen
Chen Kwang-Yi *see* Kwang-Yi Chen
Chen Laijiu *see* Pu Weixing 19438
Chen Lanrong *see* Xu Faming 24055
Chen Lei *see* Lei Chen
Chen Li, Li Zhi Computer boiler control system with optimization of PID parameters via genetic algorithm 60549
Chen Li *see* Li Chen
Chen Li-Chun, Wang Xiang-Jun, Zhang Ruo-Hua, Deng Zhen-Bo, Yao Jian-Quan, Carter, J. Light emitting diode based on $Tb(AcAc)_3Phen$ 55454
Chen Li-Shu *see* Li-Shu Chen
Chen Lian-Kuan *see* Lian-Kuan Chen
Chen Liang *see* Lobitz, D.W. 20062
Chen Liang-Gee *see* Liang-Gee Chen
Chen Liang-Hua *see* Liang-Hua Chen
Chen Liang-Po *see* Liang-Po Chen
Chen Liang-Yao *see* Liang-Yao Chen
Chen Liangyao *see* Zheng Yuxiang 2049
Chen Liangyi *see* Li Qinghui 18899
Chen Lie *see* Huang Mingqiang 32908
Chen Ligang *see* Ligang Chen
Chen Lijun, Chen Mianyun, Yin Pinglin Design and application of computer information system for demand side management 50447
Chen Limin *see* Limin Chen
Chen Liming *see* Liming Chen
Chen Ling *see* Chen Xuede 25680
Chen Ling-Hwei *see* Ling-Hwei Chen
Chen Ling-Sheng *see* Ling-Sheng Chen
Chen Lingbing, Wang Yan, Pan Yongle, Li Fuming, Fu Shoukuan Persistent spectral hole burning at room temperature based on optical resonances of spherical microparticles 33716
Chen Linghua *see* Zhang Yixin 46396
Chen Lingling *see* Chen Jian 29062
Chen Linsen *see* Linsen Chen
Chen Lioun Wee *see* Lioun Wee Chen
Chen Liqiang *see* Liqiang Chen
Chen Liquan *see* Li Guobao 29562
Chen Liquan *see* Liquan Chen
Chen Lisen *see* Wang Yingcai 10659
Chen Longhai *see* Chen Songyan 40462
Chen Lujun *see* Yu Zhangyuan 3381
Chen Lulin *see* Lulin Chen
Chen Mao-Chieh *see* Mao-Chieh Chen
Chen Mao-Hsiung *see* Mao-Hsiung Chen
Chen Maobai *see* Lu Xiangshun 37064
Chen Maobai *see* Lu Xiangshun 59119
Chen Mei *see* Lu Junfang 58760
Chen Mei-Juan *see* Mei-Juan Chen
Chen Meijun *see* Zhao Yang 14531
Chen Meng Chang *see* Meng Chang Chen
Chen Mengpang *see* Mengpang Chen
Chen Mianyun *see* Chen Lijun 50447
Chen Ming Hui *see* Ming Hui Chen
Chen Ming-Ching *see* Ming-Ching Chen
Chen Ming-Jer *see* Ming-Jer Chen
Chen Ming-Ling *see* Ming-Ling Chen
Chen Ming-Su *see* Chen Jiann-Fuh 60440
Chen Ming-Syan *see* Ming-Syan Chen
Chen Ming-Tao *see* Ming-Tao Chen
Chen Ming-Yi *see* Ming-Yi Chen
Chen Mingbo, Zhang Zhongwei Development of the GaAs solar cell for space application 38990
Chen Mingchih *see* Mingchih Chen
Chen Minghua LAN ISLN and PRE-ISDN interconnected organic network 26217
Chen Minghui *see* Gong Ke 36075
Chen Mo-Shing *see* Mo-Shing Chen
Chen Mu-Yen *see* Mu-Yen Chen
Chen Naixiang, Luo Xingqi, Lin Ruchang Study on raising controllability of the turbine runner performance in the process of designing 29141
Chen Naixiang, Zhang Yangjun, Zhu Baoshan, Duan Runsheng, Li Fuhan, Ao Lin New representation of the complete characteristics of pump-turbine and the calculation of complex operating conditions 29147
Chen Nanming *see* Nanming Chen
Chen Nanping *see* Qiu Xinping 61040
Chen Ning *see* Ning Chen
Chen Nuofu, He Hongjia, Wang Yutian, Lin Lanying Properties of GaAs single crystals grown by molecular beam epitaxy at low temperatures 54064
Chen Nuofu, He Hongjia, Wang Yutian, Pan Kun, Lin Lanying Dislocations and precipitates in semi-insulating gallium arsenide revealed by ultrasonic Abrahams-Buiocchi etching 2044
Chen Peidi *see* Zhang Shudan 2604
Chen Peifeng *see* Sang Wenbin 10683
Chen Peng *see* Peng Chen
Chen Pi-Chun *see* Pi-Chun Chen
Chen Pi-Fuay *see* Pi-Fuay Chen
Chen Ping, Gao Qing, Ma Yulin, Luo Jing, Hu Hengzhang Quality control chart pattern recognition based on neural network 39882
Chen Ping *see* Dong Xinzhou 38446
Chen Ping *see* Yong Xinyang 36257
Chen Pisin *see* Pisin Chen
Chen Po-Cheng *see* Po-Cheng Chen
Chen Po-Ki *see* Po-Ki Chen
Chen Po-Lun *see* Po-Lun Chen
Chen Po-Ning *see* Po-Ning Chen
Chen Po-Song *see* Po-Song Chen
Chen Pong *see* Pong Chen
Chen Qi *see* Qi Chen
Chen Qi-Jin *see* Lin Zhang-Da 40522
Chen Qian *see* Qian Chen
Chen Qiang, Zheng Delu, Jens Doerk Real-time image processing for seam tracking control in robotic welding 9747
Chen Qianhong *see* Zhao Xiuke 28759
Chen Qianwang *see* Qianwang Chen
Chen Qijin *see* Qijin Chen
Chen Qijun *see* Qijun Chen
Chen Qimin *see* Qimin Chen
Chen Qiming *see* Qiming Chen
Chen Qing *see* Qing Chen
Chen Qing-Ming *see* Qing-Ming Chen
Chen Qiren, Tang Liangfen Development of a passive gaseous-filling K_a wave band dual-duplexer 58462
Chen Qisheng *see* Qisheng Chen
Chen Qiushi *see* Qiushi Chen
Chen Qiushui *see* Qiushui Chen
Chen Qixu *see* Qixu Chen
Chen Qiying *see* Qiying Chen
Chen Qun *see* Qun Chen
Chen Ren-Chuen *see* Ren-Chuen Chen
Chen Rong-Chung *see* Rong-Chung Chen
Chen Rong-Jian *see* Rong-Jian Chen
Chen Ru Shan Millimeter wave wideband FET frequency divider 53697
Chen Ru Shan, Yung, E.K.N. Millimeter wave wideband FET frequency divider 31506
Chen Ru Shan, Zhang Qin Tai W-band Gunn second subharmonically locked oscillator 53612
Chen Ru Shan, Zhang Qing Tai W-band 1/2 frequency divider 53630
Chen Ru Shan, Zhang Qing Tai Dual-gate FET millimeter-wave frequency divider 53631
Chen Ru Shan, Zhang Qing Tai, Yung, E.K.N. Dual-gate FET millimeter-wave frequency divider 41449
Chen Ru Shan, Zhang Qing Tai, Yung, K.N. W-band half frequency divider 11692
Chen Rujun Research on descriptions and testing methods of synthetic figures of merit for IR scanning detecting systems 17391
Chen Run-Shan *see* Run-Shan Chen
Chen Ruxin *see* Ruxin Chen
Chen Sao-Jie *see* Sao-Jie Chen
Chen Sei-Wang *see* Sei-Wang Chen
Chen Shaohe *see* Xu Faming 24055
Chen Shaohe *see* Xu Faming 33132
Chen Shaomin *see* Mao Zepu 59254
Chen Shaotang *see* Shaotang Chen
Chen Sheau *see* Sheau Chen
Chen Shen-Whan *see* Shen-Whan Chen
Chen Shener *see* Shener Chen
Chen Sheng-Tsai *see* Sheng-Tsai Chen
Chen Shi, Hua Shenghua, Lien, Y.E. Using the C language to reduce the design cycle of an MPEG-2 video IC: a case study 56812
Chen Shi-Lin *see* Shi-Lin Chen
Chen Shieh-Liang *see* Shieh-Liang Chen
Chen Shih-I *see* Shih-I Chen
Chen Shijie *see* Wen Jinyu 60961
Chen Shin-Der *see* Chen Jiann-Fuh 60440
Chen Shin-Der *see* Shin-Der Chen
Chen Shin-Hon *see* Shin-Hon Chen
Chen Shiou-Ying *see* Shiou-Ying Chen
Chen Shiping *see* Shiping Chen
Chen Shousun *see* Chen Zhou 28818
Chen Shousun *see* Chen Zhou 28819
Chen Shousun *see* Yuan Bin 28731
Chen Show-An *see* Show-An Chen
Chen Shu-Chueng *see* Wu Ching-Mo 60478
Chen Shuang *see* Dong Sheqin 15654
Chen Shuang *see* Shuang Chen
Chen Shuchan *see* Shuchan Chen
Chen Shuguang *see* Shuguang Chen
Chen Shui-Li, Cheng Ji-Shu θ-Convergence of nets of L-fuzzy sets and its applications 40047
Chen Shuoqi *see* Shuoqi Chen
Chen Sin Horng *see* Sin Horng Chen
Chen Songcan *see* Gao Hang 53283
Chen Songyan, Liu Baolin, Wang Benzhong, Huang Meichun, Chen Longhai, Chen Chao GaAs-InP heteroepitaxy and GaAs-InP MESFET fabrication by MOVPE 40462
Chen Songyan *see* Peng Yuheng 14162
Chen Songyan *see* Sun Hongbo 44441
Chen Su-Shing *see* Su-Shing Chen
Chen Szi-Wen *see* Szi-Wen Chen
Chen Tai-Ann *see* Tai-Ann Chen
Chen Tai-Ju *see* Tai-Ju Chen
Chen Teh-Ho A way of rational thinking on root cause analysis for abnormal events at nuclear power plant 28998
Chen Thou-Ho *see* Thou-Ho Chen
Chen Tian-Lun *see* Zhou Chang-Song 4418
Chen Tianxin *see* Xiang Cailan 162
Chen Tianzhou *see* Cai Wenli 15833
Chen Tine-Biao *see* Teng Zhi-Meng 32346
Chen Ting *see* Zhu Shijing 30444
Chen Ting *see* Ting Chen
Chen Ting-Yang *see* Ting-Yang Chen
Chen Tonghua *see* Zhang Shudan 2604
Chen Tongwen *see* Tongwen Chen
Chen Tsai-Hsiang, Liu An, Fan Chen-Li, Liao Chai-Chang, Liao Shun-An, Chen Jian-San Switching transient analysis of static capacitor banks in a distribution system 28866
Chen Tsai-Hsiang *see* Tsai-Hsiang Chen
Chen Tsuhan *see* Tsuhan Chen
Chen Tung-Sheng *see* Tung-Sheng Chen
Chen Tzu-Ching *see* Tzu-Ching Chen
Chen Tzuhao *see* Tzuhao Chen
Chen Tzung-Shi *see* Tzung-Shi Chen
Chen Wai *see* Wai Chen
Chen Wai-Kai *see* Wai-Kai Chen
Chen Wang, Baoping Wang, Hongwei Zhao, Sin, J.K.O., Poon, M.C. Numerical modeling of the disk-edge field emitter triode 53958
Chen Way-Ming *see* Way-Ming Chen
Chen Wayne *see* Wayne Chen
Chen Wei, Song Jiaqing, Lin Jianhua, Su Mianzeng New color centers and recombination luminescence of $SrFCl:Eu^{2+}$ crystal 13831
Chen Wei *see* Wang Yuxia 21334
Chen Wei *see* Xu Feng 29235
Chen Wei *see* Zhao Xiuke 28759
Chen Wei *see* Wei Chen
Chen Wei-Ge *see* Wei-Ge Chen
Chen Wei-Peng *see* Wei-Peng Chen
Chen Weicheng *see* Weicheng Chen
Chen Weigh-Jen *see* Weigh-Jen Chen
Chen Weihua, Ye Zhizhen, Cao Qing, Zhang Kan The study on heat-equilibrium state of a 3″ Si wafer heated with a radiating resistance in a UHVCVD system 30888
Chen Weihua *see* Cao Qing 879
Chen Weijun, Chen Kaitai, Xu Keshu The decomposition of image in space-frequency joint domain 46395
Chen Weinan *see* Li Liyuan 46338
Chen Weining *see* Weining Chen
Chen Weiqun *see* Weiqun Chen
Chen Weiyou *see* Peng Yuheng 14162
Chen Weiyou *see* Weiyou Chen
Chen Wen-Chung *see* Wen-Chung Chen
Chen Wen-Shan *see* Wen-Shan Chen
Chen Wen-Tang *see* Wen-Tang Chen
Chen Wen-Tsuen *see* Wen-Tsuen Chen
Chen Wen-Tzu *see* Wen-Tzu Chen
Chen Wen-Yuan *see* Wen-Yuan Chen
Chen Wenjing *see* Wenjing Chen
Chen Wenju *see* Wu Pengfei 14467
Chen Wenju *see* Wenju Chen
Chen Wenyi *see* Tian Feng 27909
Chen Wenzong *see* Wenzong Chen
Chen Winan *see* Winan Chen
Chen Won Zon *see* Won Zon Chen
Chen Wu, Minh Nguyen, Litva, J. On incorporating finite impulse response neural network with finite difference time domain method for simulating electromagnetic problems 31487
Chen Wu, Nguyen, M., Litva, J. Use the FDTD method to design PCS antennas 45392
Chen Wu *see* Yang, J. 34450
Chen Wu *see* Zhaonian Li 34335
Chen Wufan, Zhou Jie, She Yuhua, Chen Jianjun, Lu Xianqing Description of medical images in characteristic subspace and vector quantization coding based on wavelet transformation 59552
Chen Xi *see* Xi Chen
Chen Xi-Ming *see* Xi-Ming Chen
Chen Xi-Ying *see* Xi-Ying Chen
Chen Xianfeng *see* Xianfeng Chen
Chen Xiang-Fei, Lu Ya-Lin, Lu Yan-Qing, Min Nai-Ben Optical bistability in incident-dependent two-dimensional nonlinear optical superlattices 44693
Chen Xiang-Fei *see* Xiang-Fei Chen
Chen Xiangdong *see* Xiangdong Chen
Chen Xiangxun Fiber-optic current/voltage transducer for power system 27607
Chen Xianming *see* Wang Xiaohong 28742
Chen Xiao Dong *see* Huang Lin Gyi 53157
Chen Xiao-Min *see* Xiao-Min Chen
Chen Xiaochuan *see* Gao Shibin 51757
Chen Xiaojian, Zhao, Y.P., Hwang, J.C.M. InGaAs/AlGaAs PHEMT monolithic microwave SPDT switch for low-bias and low-consumption application 1721
Chen Xiaojian *see* Xiaojian Chen
Chen Xiaojun *see* Xiaojun Chen
Chen Xiaolan *see* Xiaolan Chen
Chen Xiaole *see* Xiaole Chen

Chen Xiaopeng *see* Xiaopeng Chen
Chen Xiaoqiang *see* Xiaoqiang Chen
Chen Xiaotao *see* Xiaotao Chen
Chen Xiaoyuan *see* Xiaoyuan Chen
Chen Xidong *see* Xidong Chen
Chen Xin, Mao Zhigang, Yu Mingyan, Ye Yizheng The algorithm design in the field of structure optimization of logic synthesis 53141
Chen Xin *see* Xin Chen
Chen Xinfeng, Guo Yingxiang, Sun Xiangfu, Lei Xiangguo, Zhou Xiaohong, Liu Zhong, Jin Hanjuan, Liu Mingyi, Luo Yixiao An apparatus for nuclear lifetime measurement with recoil-distance Doppler-shift method 18143
Chen Xing Bi *see* Xing Bi Chen
Chen Xinqiang *see* Wang Shanli 10788
Chen Xinqiang *see* Zhu Jiqian 2050
Chen Xinzhi *see* Zhao Hao 3382
Chen Xiong *see* Xiong Chen
Chen Xixian *see* Xixian Chen
Chen Xu *see* Xu Chen
Chen Xucai *see* Xucai Chen
Chen Xue-Bo *see* Xue-Bo Chen
Chen Xue-Wen *see* Xue-Wen Chen
Chen Xuede, Lu Siwei, Yuan Xiaobu, Chen Ling, Zeng Beikai Midpoint line algorithm for high-speed high-accuracy-rotation of images 25680
Chen Xueguan, Luo Yaohuang The formulae for calculating carrier lifetimes in cylindrical silicon ingot 54039
Chen Xueyun *see* Tang Wei 38220
Chen Xusheng *see* Xusheng Chen
Chen Xuyun, Zhou Ting, Zhang Qianlin, Min Hao 2-D DWT/IDWT processor design for image coding 56807
Chen Xuyun *see* Zhou Ting 56805
Chen Xuyun *see* Xuyun Chen
Chen Xuzhou *see* Xuzhou Chen
Chen Xuzong *see* Xuzong Chen
Chen Yalun *see* Ai Xin 60242
Chen Yan, Wang Fuweng An acquisition system design for CCD-video signal 57387
Chen Yan *see* Lin Zhang-Da 40522
Chen Yan *see* Yan Chen
Chen Yan-Feng *see* Yan-Feng Chen
Chen Yan-Song *see* Yan-Song Chen
Chen Yanfeng *see* Yanfeng Chen
Chen Yanqing *see* Yanqing Chen
Chen Yanqiu *see* Yanqiu Chen
Chen Yanru *see* Wang Jiawang 48129
Chen Yansong *see* Yansong Chen
Chen Yao-Min *see* Yao-Min Chen
Chen Yaoming *see* Yaoming Chen
Chen Yaow-Ming *see* Yaow-Ming Chen
Chen Yau-Ming *see* Yau-Ming Chen
Chen Yaw-Ming Erosion corrosion CHECMATE model for nuclear power plant in Taiwan 60488
Chen Yee-Wen *see* Yee-Wen Chen
Chen Yen-Ann *see* Yen-Ann Chen
Chen Yen-Chen *see* Yen-Chen Chen
Chen Yen-Kuang *see* Yen-Kuang Chen
Chen Yen-Ting *see* Yen-Ting Chen
Chen Yen-Wei *see* Yen-Wei Chen
Chen Yeong-Maw *see* Yeong-Maw Chen
Chen Yi, Liu Dajie Classified establishment of the urban GPS control network 6995
Chen Yi Yuan *see* Yi Yuan Chen
Chen Yi-Long *see* Yi-Long Chen
Chen Yichia, Lee, C.C. Indium-copper multilayer composites for fluxless oxidation-free bonding 941
Chen Yidong *see* Yidong Chen
Chen Yie-Tone *see* Yie-Tone Chen
Chen Yih-Yuh *see* Yih-Yuh Chen
Chen Yinchao *see* Yinchao Chen
Chen Ying *see* Ying Chen
Chen Ying Fei *see* Ying Fei Chen
Chen Ying-Yu *see* She Wei-Long 44635
Chen Yingli *see* Yingli Chen
Chen Yiqiang *see* Yiqiang Chen
Chen Yirng-An *see* Yirng-An Chen
Chen Yong *see* Chen Degui 19908
Chen Yong *see* Yong Chen
Chen Yongguang, Sun Zhongkang Information fusion for multiple targets tracking in bistatic system 8645
Chen Yongqi *see* Yongqi Chen
Chen You-Li *see* You-Li Chen
Chen Young-Kai *see* Young-Kai Chen
Chen Yu Qing *see* Yu Qing Chen
Chen Yu-Quan *see* Yu-Quan Chen
Chen Yuan-Lin *see* Yuan-Lin Chen
Chen Yuanwen *see* Zhao Xingkang 28772
Chen Yubo *see* Yubo Chen
Chen Yue-Tsang *see* Yue-Tsang Chen
Chen Yufei *see* Yufei Chen
Chen Yufeng *see* Yufeng Chen
Chen Yuh-Lin *see* Yuh-Lin Chen
Chen Yuhua *see* Ye Bo 1225
Chen Yung Jui *see* Yung Jui Chen
Chen Yung-Chang *see* Yung-Chang Chen
Chen Yung-Chih *see* Yung-Chih Chen
Chen Yung-Jui *see* Yung-Jui Chen
Chen Yung-Sheng *see* Yung-Sheng Chen
Chen Yung-Yaw *see* Yung-Yaw Chen
Chen Yung-Yuan *see* Yung-Yuan Chen
Chen Yuzbe *see* Yuzbe Chen
Chen Yuzhe *see* Yuzhe Chen
Chen Zao *see* Zao Chen
Chen Zen *see* Zen Chen
Chen Zhan *see* Zhan Chen
Chen Zhanghai *see* Shi Xiaohong 1982
Chen Zhangyou, Xu Penggen Fuzzy phase retrieval and far field reconstruction in near and far field transformation 15589
Chen Zhaoqing *see* Zhaoqing Chen
Chen Zhe *see* Song Zhaohu 48176
Chen Zhe *see* Zhe Chen
Chen Zhen *see* Chu Yuxi 33384
Chen Zhen-Pei *see* Zhen-Pei Chen
Chen Zheng *see* Zheng Chen
Chen Zheng-Hao *see* Zheng-Hao Chen
Chen Zhenghao *see* Zhenghao Chen
Chen Zhenmin *see* Zhenmin Chen
Chen Zhi *see* Zhi Chen
Chen Zhi-Hong *see* Zhi-Hong Chen
Chen Zhi-Liang, Zhang Jian-Ren Automatic energy-saving switch ASIC CTH945 53456
Chen Zhi-Long *see* Zhi-Long Chen
Chen Zhichao, Bo Jianguo, Ma Zuocheng, Zhuang Wenjun Superplane routing [IC layout CAD] 2765
Chen Zhigang *see* Zhigang Chen
Chen Zhiming *see* Jing Chunlei 2717
Chen Zhiming *see* Liu Jian 11177
Chen Zhiming *see* Liu Jian 40880
Chen Zhining *see* Zhining Chen
Chen Zhiwen *see* Xie Yi 834
Chen Zhizhang *see* Zhizhang Chen
Chen Zhong-Yu *see* Zhong-Yu Chen
Chen Zhonghao *see* Zhonghao Chen
Chen Zhonghui *see* Zhonghui Chen
Chen Zhongjian *see* Zhongjian Chen
Chen Zhongmin, Yan Aru, Wang Xiaotian Effects of intergranular additions of oxides on the coercivity, thermal stability and microstructure of Nd-Fe-B magnets 32809
Chen Zhongping *see* Zhongping Chen
Chen Zhou, Chen Shousun, Zhang Zhonghua, Ni Yixin Effect of hydraulic system models on power system transient stability analysis 28818
Chen Zhou, Diao Qinghua, Chen Shousun, Zhang Zhonghua, Ni Yixin Study on the effect of hydraulic system models on power system dynamic stability analysis 28819
Chen Zhuan-Ke *see* Zhuan-Ke Chen
Chen Zhuzhou *see* Pan Ziqiang 49818
Chen Zushun *see* Zushun Chen
Chen-Chen Xue *see* Yan-Qing Lu 4067
Chen-Chia Wang, Davidson, F. High-resolution optical spectrum analyzer based on moving space charge field effects in photoconductive semiconductors 3598
Chen-Chia Wang, Davidson, F., Trivedi, S. Photocurrents generated by moving optical interference patterns in photoconductive semiconductors in the presence of interband optical excitations 23657
Chen-Chia Wang, Davidson, F., Trivedi, S., Schwartz, R.N. Characterization of vanadium and manganese co-doped photorefractive cadmium telluride crystals 32974
Chen-Chia Wang, Linke, R.A., Nolte, D.D., Melloch, M.R., Trivedi, S. Enhanced detection bandwidth for optical doppler frequency measurements using moving space charge field effects in GaAs multiple quantum wells 42228
Chen-Chieh Chang *see* Shen-Iuan Liu 31414
Chen-Ching Liu *see* Dahhaghchi, I. 38261
Chen-Ching Liu *see* Jaw-Shyang Wu 50356
Chen-Ching Liu *see* Rosenwald, G.W. 19095
Chen-Esterlit, Z., Lifshitz, E., Cohen, E., Pfeiffer, L.N. Microwave modulation of optically pumped exciton luminescence in GaAs/AlAs quantum wells 12398
Chen-Feng Huang *see* Wen-Chung Tsai 54147
Chen-Hwa Chen *see* Chia-Chen Hsu 4018
Chen-I Hung, Jung-Shun Tsai Magnetic effects on the linear behaviour of molten flow in a laser cutting process 14500
Chen-Jung Lee *see* Lee Chen-Jung
Chen-Kai Huang, Chuang Pai, Wen-Thong Chang Shape from shading using Ritz method with tent basis 5099
Chen-Ken Ko, Sy-Yen Kuo Multiaccess processor interconnection using subcarrier and wavelength division multiplexing 36099
Chen-Kuang Yang *see* Yang Chen-Kuang
Chen-Kuo Weng, Ray, A. Robust wide-range control of steam-electric power plants 19560
Chen-Li Fan *see* Fan Chen-Li
Chen-Lung Kuo, Chung-Kuang Wei, Shin-Tson Wu, Chiung-Sheng Wu Reflective direct-view display using a mixed-mode twisted nematic cell 58911
Chen-Pin Kung, Chen-Shang Lin Parallel sequence fault simulation for synchronous sequential circuits 31227
Chen-Shang Lin *see* Chen-Pin Kung 31227
Chen-Sheng Hung *see* Yu-Faye Chao 17826
Chen-Tang Huang *see* Peng-Heng Chang 52742
Chen-Ti Hu *see* Hsiu-Fung Cheng 32682
Chen-Tzung Ku *see* Ku Chen-Tzung
Chen-Xiong Zhang, Mlynski, D.A. Mapping and hierarchical self-organizing neural networks for VLSI placement 40771
Chen-Yang Pan, Kwang-Ting Cheng, Sandeep Gupta Fault macromodeling and a testing strategy for opamps 31132
Chen-Yi Lee A cost-effective VLSI architecture for high-throughput sequential decoder 1309
Chen-Yi Lee *see* Yuan-Hau Yeh 53348
Chen-Yu Chi, Rebeiz, G.M. Design of Lange-couplers and single-sideband mixers using micromachining techniques 41480
Chen-Zhou Yu *see* Yu Chen-Zhou
Chenakin, A.V. Measurement of millimeter wave transistor parameters 27872
Chenc, J.C. *see* Huang, Z.C. 12604
Chendvankar, S.R. *see* Adam, A. 37280
Chenebault, J. *see* Vincent, N. 50075
Chenerie, I. *see* Rouvier, S. 8390
Chenerie, I. *see* Rouvier, S. 55999
Chenevas-Paule, A. *see* Berger, P.D. 14111
Chenevier, B. *see* Febri, M. 940
Cheney, M.T. *see* Brown, J.R. 48719
Cheng, A.Y.S., Pau, C.Y. High-resolution image digitizing through 12×3 bits RGB-filtered CCD camera 17517
Cheng, A.Y.S. *see* Au, G. 47243
Cheng, B.S. *see* Huang, Y.Z. 17882
Cheng, C.-C., Tsai, J.-H., Liu, W.C. Multiple switching phenomena of AlGaAs/InGaAs/GaAs heterostructure transistors 54589
Cheng, C.-C., Wu, T.B., Gan, J.-Y., Tuo, L.C., Wang, J.J. $(LaNiO_3)_x(Ta_2O_5)_{1-x}$ oxide thin films for attenuated phase-shifting mask blank 22644
Cheng, C.-C. *see* Yan, Y.-S. 22645
Cheng, C.-H., Weng, C.-J., Aung, W. Three dimensional mixed convection in a vertical enclosure with buoyancy assisted through-flow 30293
Cheng, C.-K. *see* Kuo, M.-T. 41084
Cheng, C.C., Arbet-Engels, V., Scherer, A., Yablonovitch, E. Nanofabricated three dimensional photonic crystals operating at optical wavelengths 41929
Cheng, C.C. *see* Liu, W.C. 54689
Cheng, C.C. *see* O'Brien, J. 14105
Cheng, C.G., Scherer, A., Arbet-Engels, V., Yablonovitch, E. Lithographic band gap tuning in photonic band gap crystals 22729
Cheng, C.S. *see* Fan Zhang 50529
Cheng, C.T. *see* Chung, S.S. 43054
Cheng, D. Homogenisation of densely-distributed chiral spheres 14553
Cheng, D., Mercer, R.E., Barron, J.L., Joe, P. Tracking fuzzy storm centers in Doppler radar images 60073
Cheng, D.T.Y. *see* Capocci, H.F. 19172
Cheng, D.T.Y. *see* Lo, K.L. 60197
Cheng, E., Sturml, J.C., Wu, I.W., King, T.J. Modeling of leakage current distributions in series connected polysilicon thin film transistors 12947
Cheng, E.S. *see* Fixsen, D.J. 17008
Cheng, G., Zelinsky, A. Real-time visual behaviours for navigating a mobile robot 56820
Cheng, H.C. *see* Ku, T.K. 41740
Cheng, H.C. *see* Li, J. 3456
Cheng, H.D., Jim-Rong Chen Automatically determine the membership function based on the maximum entropy principle 21064
Cheng, H.F. *see* Chuang, F.Y. 53932
Cheng, H.F. *see* Chuang, F.Y. 53933
Cheng, H.K. *see* Asundi, A. 48620
Cheng, I. *see* Kuznia, C.B. 33340
Cheng, J. Surface-emitting laser-based optical multiplexing technologies 6808
Cheng, J. *see* Lawson, W. 37138
Cheng, J. *see* Ortiz, G.G. 3822
Cheng, J. *see* Ortiz, G.G. 3898
Cheng, J.-P. *see* Kono, J. 32041
Cheng, J.Y. *see* Moon-Ho Park 22426
Cheng, K.-K.M. Characteristics of asymmetrical coupled lines of a conductor-backed coplanar type 45333
Cheng, K.-K.M. Characteristic parameters of symmetrical triple coupled CPW lines 56095
Cheng, K.-T. *see* Kondo, H. 11352
Cheng, K.W., Chan, S.C. Fast block matching algorithms for motion estimation 25430
Cheng, K.W., Hu, Y.Q., He, D.H., Mo, W.K. Effect of geometrical factors on copper loss in high-frequency low-profile transformers 31549
Cheng, K.W. *see* Hu, Y.Q. 31547
Cheng, K.W. *see* Yung, K.L. 38763
Cheng, K.W.E. *see* Hui, S.Y.R. 60235
Cheng, K.Y. *see* Chan, R.H. 2330
Cheng, K.Y. *see* Dong-Hwa Lu 56419
Cheng, K.Y. *see* Moy, A.M. 3634
Cheng, K.Y. *see* Sengupta, D.K. 27579
Cheng, L., Cheung, R., Yu, P., Li, R., Sotudeh, R. New line-interactive uninterruptible power supply for critical nonlinear industrial loads 19870
Cheng, L., Hughes, H.D. On the bursty behaviour of the ATM traffic 46622
Cheng, L., Hughes, H.D. Call admission control issues in a wireless ATM network 47816
Cheng, L. *see* Siu, G.G. 45447
Cheng, M. *see* Smith, M.R. 20667
Cheng, M.T. *see* Antos, J. 37373
Cheng, N.F. *see* Hwu, Y. 13478
Cheng, P.-H., Lee, T.-D., Pan, J.-S., Tai, K., Lai, Y., Way Lin Semiconductor photonic-quantum-wire micro-ring lasers 23925
Cheng, P.-Y., Li, J., Kuo, C.-C.J. Video coding using embedded wavelet packet transform and motion compensation 5211
Cheng, P.-Y., Li, J., Kuo, C.-C.J. Rate-distortion optimized bit rate control scheme for a wavelet video coder 56625
Cheng, P.-Y. *see* Li, J. 57368
Cheng, Q.H. *see* Jin, B.B. 11698

Cheng, Q.H. *see* Wang, H.B. 32918
Cheng, Q.H. *see* Wang, H.B. 53611
Cheng, R. *see* Coulthard, J. 19554
Cheng, R. *see* Coulthard, J. 38586
Cheng, R. *see* Coulthard, J. 50775
Cheng, R.S. *see* Alsugair, A.A. 35475
Cheng, R.Shu-Kwan *see* Shu-Kwan Cheng, R.
Cheng, R.T. *see* Gartner, J.W. 38088
Cheng, S. *see* Babcock, J.A. 41526
Cheng, S. *see* Bao, W. 35430
Cheng, S. *see* Edwards, M.L. 21911
Cheng, S. *see* John, J.P. 2654
Cheng, S. *see* Jun Ma 13148
Cheng, S. *see* Ma, J. 54796
Cheng, S. *see* Racanelli, M. 43263
Cheng, S. *see* Shin, H.C. 42989
Cheng, S.J. *see* Cao, Y.J. 19150
Cheng, S.L. *see* Chen, L.J. 41849
Cheng, S.L. *see* Chen, L.J. 42689
Cheng, S.Z.D. *see* Fuming Li 13716
Cheng, T. *see* Cole, B.E. 42174
Cheng, T.-H. A multichannel ATM switch with output buffering 35444
Cheng, T.-H. Design and analysis of a multichannel transmission scheme 35445
Cheng, T.-Y., Cheni, K.-C. Fully digital joint phase recovery timing synchronization and data sequence demodulation 45507
Cheng, T.C. *see* Farag, A.S. 28746
Cheng, T.C. *see* Farag, A.S. 51416
Cheng, T.S., Hooper, S.E., Jenkins, L.C., Foxon, C.T., Lacklison, D.E., Dewsnip, J.D., Orton, J.W. Optical properties of doped GaN grown by a modified molecular beam epitaxial (MBE) process on GaAs substrates 10765
Cheng, T.S. *see* Andrianov, A.V. 41950
Cheng, T.S. *see* Dewsnip, D.J. 41949
Cheng, T.S. *see* Nicholls, J.F.H. 10805
Cheng, T.S. *see* Orton, J.W. 31856
Cheng, T.S. *see* Thucydides, G. 42189
Cheng, T.S. *see* Xin, Y. 30820
Cheng, T.Y. *see* Liao, C.S. 27936
Cheng, W.-H. *see* Palmer, R.B. 17924
Cheng, W.-H. *see* Palmer, R.B. 17966
Cheng, W.C., Muntz, R.R. Bounding errors introduced by clustering of customers in closed product-form queuing networks 397
Cheng, W.C.H., Kutti, S., Jia, X. Towards fault-tolerant and synchronous multicast protocols for distributed systems 25914
Cheng, W.H., Wang, W.H., Chen, J.C., Chen, H.Y., Chen, W.T., Chang, S.T., Horng, J.S., Lin, H.H., Sun, M.J. Reduction of post-weld shift in semiconductor laser packaging 14503
Cheng, W.H. *see* Chen, J.C. 3839
Cheng, W.H. *see* Chen, J.C. 23923
Cheng, W.H. *see* Chen, Y.K. 16677
Cheng, W.H. *see* Wang, S.C. 217
Cheng, W.H. *see* Wang, S.C. 12824
Cheng, W.Q. *see* Chen, H. 30793
Cheng, W.Q. *see* Chen, H. 42025
Cheng, X. *see* Chaudhuri, J. 54140
Cheng, Y. LIGA activity in Taiwan 32337
Cheng, Y.-J., Fanning, C.G., Siegman, A.E. Transverse-mode astigmatism in a diode-pumped unstable resonator Nd:YVO_4 laser 44400
Cheng, Y.-T. *see* Poker, D.B. *(editor)* 9815
Cheng, Y.C. *see* Chang Liannbe 21233
Cheng, Y.C. *see* Lai, P.T. 2669
Cheng, Y.C. *see* Lai, P.T. 42423
Cheng, Y.C. *see* Liu, C.C. 42419
Cheng, Y.C. *see* Min, J. 2325
Cheng, Y.F. *see* Chen, H.Z. 48974
Cheng, Y.T., Soodprasert, T., Hutchinson, J.M.R. Radioactivity measurements using storage phosphor technology 18927
Cheng Baohong *see* Baohong Cheng
Cheng Beibei *see* Li Xin 59304
Cheng Biao *see* Biao Cheng
Cheng Bin-Ji *see* Bin-Ji Cheng
Cheng Bo-Chao *see* Bo-Chao Cheng
Cheng Chang Chung *see* Chung Cheng Chang
Cheng Chang Feng *see* Feng Cheng Chang
Cheng Cheng-Kung *see* Cheng-Kung Cheng
Cheng Chieh-Wen *see* Chieh-Wen Cheng
Cheng Chii Wen *see* Chii Wen Cheng
Cheng Chin-Chuan *see* Chin-Chuan Cheng
Cheng Chin-Yen *see* Chin-Yen Cheng
Cheng Chinchuan *see* Liu Wenchau 43085
Cheng Ching-Hsue *see* Ching-Hsue Cheng
Cheng Ching-Min *see* Ching-Min Cheng
Cheng Chung-Kuan *see* Chung-Kuan Cheng
Cheng Chungkuan *see* Hong Xianlong 52984
Cheng Dahai *see* Dahai Cheng
Cheng Dajun *see* Dajun Cheng
Cheng Daoping *see* Chen Chunlin 8816
Cheng Duo, Hao Zhiqi, Wang Shuyan, Feng Shan, Wang Guozhi Layer-by-layer analysis of 3D field by electronic holography 24298
Cheng Fan-Hsuan *see* Fan-Hsuan Cheng
Cheng Fang *see* Li Bin 3698
Cheng Fang Jiang *see* Jiang Cheng Fang
Cheng Fang-Hsuan *see* Fang-Hsuan Cheng
Cheng Fenshi *see* Wang Jun 34851
Cheng Fu-Chiang *see* Fu-Chiang Cheng
Cheng Guodong *see* Guodong Cheng
Cheng Hai Jin, Shao-Liang Zhang, Natori, M., Sakurai, T., Wei Dong Zhou Modified CGS method for the iterative solution of nonsymmetric linear systems 21127
Cheng Hai-Ping *see* Hai-Ping Cheng
Cheng Haozhong *see* Haozhong Cheng
Cheng Heng Seng *see* Heng Seng Cheng
Cheng Hon-Wing *see* Hon-Wing Cheng
Cheng Hongwei, Sun Zhongkang Application of wavelet packets theory in maneuver target tracking 8641
Cheng Hsi-Chih *see* Hsi-Chih Cheng
Cheng Hsiu-Fung *see* Hsiu-Fung Cheng
Cheng Hu *see* Hu Cheng
Cheng Huang-Chung *see* Huang-Chung Cheng
Cheng Huier, Pu Baorong A numerical analysis of heat conduction for bi-metallic electric heating complex tube 51836
Cheng Huiming, Chang Shuxiong The process technology of a low-sidelobe slot-array antenna 56222
Cheng Huiquan *see* Huiquan Cheng
Cheng Jay *see* Jay Cheng
Cheng Ji-Shu *see* Chen Shui-Li 40047
Cheng Jie *see* Jie Cheng
Cheng Jijian *see* Zhu Jiqian 2050
Cheng Jijian *see* Zhu Jiqian 30720
Cheng Jin *see* Li Jiaxu 36581
Cheng Jingzhi *see* Wang Jing 59380
Cheng Jingzhi *see* Wu Yanjun 59431
Cheng Juing-Yi *see* Juing-Yi Cheng
Cheng Jun *see* Chen Guican 53145
Cheng Jun-Fu *see* Jun-Fu Cheng
Cheng Kam *see* Kam Cheng
Cheng Kan, Wang Wen Yi Preservation of some partial orderings under non-homogeneous Poisson shock model and Laplace transform 30457
Cheng Kang *see* Kang Cheng
Cheng Kuan-Lun *see* Kuan-Lun Cheng
Cheng Kuo-Hsin *see* Kuo-Hsin Cheng
Cheng Kuo-Hsing *see* Kuo-Hsing Cheng
Cheng Kuo-sheng *see* Kuo-sheng Cheng
Cheng Kwang-Ting *see* Kwang-Ting Cheng
Cheng Lei *see* Zhou Jian 61333
Cheng Li *see* Li Cheng
Cheng Liao, Yangjian Den, Lang Jen Solution for EM scattering about arbitrary two-dimensional bodies with the use of the Thompson-FDTD method 14559
Cheng Lichun *see* Li Zhenbiao 11833
Cheng Lijun, Feng Guodong, Liu Yong, Chen Deshu, Liu Pei Development of adaptive busbar protection based on microcomputer 8954
Cheng Lisen *see* Lisen Cheng
Cheng Min-Teh *see* Min-Teh Cheng
Cheng Ming *see* Wang Fangzong 28741
Cheng Ming *see* Ming Cheng
Cheng Ming-C *see* Ming-C Cheng
Cheng Naiping, Shao Dingrong Space-integrating acousto-optic correlator–detection of pulsed signals 23606
Cheng Ning *see* Cui Yiping 33717
Cheng Ping *see* Ping Cheng
Cheng Po-Tai *see* Po-Tai Cheng
Cheng Qi *see* Qi Cheng
Cheng Qian *see* Qian Cheng
Cheng Qiheng *see* Jin Biaobing 55146
Cheng Qiheng *see* Wu Peiheng 13501
Cheng Ray-Guang *see* Ray-Guang Cheng
Cheng Runwei *see* Runwei Cheng
Cheng Sei-Yeu *see* Sei-Yeu Cheng
Cheng Sheng-Wen *see* Sheng-Wen Cheng
Cheng Shi-De *see* Shi-De Cheng
Cheng Shi-Xin *see* Shi-Xin Cheng
Cheng Shih-Young The study on the control circuit of circuit breaker 60936
Cheng Shih-Young The study on the 22 kV and 11 kV feeder transfer problems in the distribution substation 60957
Cheng Shijie *see* Guan Lin 50372
Cheng Shijie *see* Liu Qing 60245
Cheng Shijie *see* Peng Xiaolang 50620
Cheng Shijie *see* Wen Jinyu 38223
Cheng Shijie *see* Wen Jinyu 50448
Cheng Shijie *see* Wu Junyong 38279
Cheng Shijie *see* Shijie Cheng
Cheng Shing-Mo *see* Shing-Mo Cheng
Cheng Shiou-Ying *see* Shiou-Ying Cheng
Cheng Shun-Fa *see* Shun-Fa Cheng
Cheng Shun-Pen *see* Shun-Pen Cheng
Cheng Sui Sun *see* Sui Sun Cheng
Cheng Tai-An *see* Tai-An Cheng
Cheng Tai-Yuan *see* Tai-Yuan Cheng
Cheng Tang-Go *see* Tang-Go Cheng
Cheng Tee Hiang *see* Tan Kok Keong Tony 47198
Cheng Tung Huang, Tan Fu Lei Impact of Ge implantation on the electrical characteristics of $TiSi_2$ p^+/n shallow junctions with an a-Si (or a poly-Si) buffer layer 43331
Cheng Wang-Yuel *see* Wang-Yuel Cheng
Cheng Weidong *see* Weidong Cheng
Cheng Weili, Finnie, I. Stress analysis and fatigue life prediction for a U-bend steam generator tube 9068
Cheng Wen Wu, Hung-chun Chang Fabrication of biconically fused fiber polarization beamsplitters with various working wavelengths selected using a 1523-nm monitoring laser 23509
Cheng Wen-Hao *see* Wen-Hao Cheng
Cheng Wen-Qin *see* Chen Hong 786
Cheng Wood-Hi *see* Wood-Hi Cheng
Cheng Wu *see* Wu Cheng
Cheng Wu-Tung *see* Wu-Tung Cheng
Cheng Wuzhu, Zhang Xudong, Ren Jialie, Wang Zhenjia, Huang Guoqing, Zhang Hongjun Study on welding mode transition and stability of welding process in laser welding 4168
Cheng Xiangyin *see* Yin Chunyong 17787
Cheng Xiao-Liang *see* Xiao-Liang Cheng
Cheng Xu *see* Xu Cheng
Cheng Ya *see* Ya Cheng
Cheng Yang-Tse *see* Yang-Tse Cheng
Cheng Yi, De Moor, B. Traffic identification of ATM networks with optimization algorithms 35455
Cheng Yi-Kan *see* Yi-Kan Cheng
Cheng Ying-Yen *see* Ying-Yen Cheng
Cheng Yong, Yu Sile, Li Hua, Li Tao Research on HDTV source compression codec system 27159
Cheng Yong *see* Yong Cheng
Cheng Yong-Qing *see* Yong-Qing Cheng
Cheng Yongyi *see* Lu Zhaoyi 57675
Cheng Yuan-Tung *see* Yuan-Tung Cheng
Cheng Yuhua *see* Yuhua Cheng
Cheng Zhaogu, Wang Runwen, Luo Jiangtao, Chen Gang, Qiang Hongliang Industrial pulse periodic CO_2 laser with 6 KW average power output using unique discharge technology 3699
Cheng Zhenglin *see* Yi Rongqing 28055
Cheng Zixue *see* Zixue Cheng
Cheng Zuhai *see* Xia Jinan 3941
Cheng-Chang Lien, Chung-Lin Huang, Jhy-Gau Chen Complex-subband transform for subband-based motion estimation/compensation and coding 57180
Cheng-Chi Tai, Rose, J.H., Moulder, J.C. Thickness and conductivity of metallic layers from pulsed eddy-current measurements 997
Cheng-Chieh Lee, Farvardin, N. Memory and mismatch issues in buffer-instrumented ECTCQ 34624
Cheng-Chieh Lee, Laroia, R., Phamdo, N., Fravardin, N. On predictive TB-SVQ of sources with memory 34705
Cheng-Chieh Lee *see* Jafarkhani, H. 35349
Cheng-Chien Kuo, Hong-Chan Chang Genetic-based network reconfiguration with optimal settings of switched capacitors 28883
Cheng-Chih Lin, Lal Tummala, R. Mobile robot navigation using artificial landmarks 35282
Cheng-Chiian Liu *see* Kuo-Kai Shyu 50975
Cheng-Chin Chian, Shiaw-Shian Yu A method for improving the machine recognition of confusing Chinese characters 5596
Cheng-Chou Lee, Ju-Hong Lee Robust adaptive array beamforming under steering vector errors 24903
Cheng-Chuang Hon, Yuh-Yuan Guh, Kou-Ming Wang, Lee, E.S. Fuzzy multiple attributes and multiple hierarchical decision making 30452
Cheng-Chung Chien *see* Jiun Shiu 30152
Cheng-Chung Lin, Wei-Chung Lin Extracting facial features by an inhibitory mechanism based on gradient distributions 15856
Cheng-Fang Li *see* Li Cheng-Fang
Cheng-Fu Yang Melting CuO in $BaTiO_3$-based system 934
Cheng-Fu Yang An equivalent circuit for CuO modified surface barrier layer capacitors 31544
Cheng-Gang Wang *see* Takashima, T. 28944
Cheng-Hsin Liu Paul *see* Paul Cheng-Hsin Liu
Cheng-Huang Lin, Ohnishi, T., Imasaka, T. Vibrational stimulated Raman emission from dibromomethane as seed beam for four-wave rotational Raman mixing in hydrogen 55913
Cheng-I Weng *see* Wang-Long Li 13440
Cheng-Jen Lin *see* Kang-Ning Lou 24959
Cheng-Jen Lin *see* Lin Cheng-Jen
Cheng-Ji Li *see* Li Cheng-Ji
Cheng-Jyi Chang *see* Hsiao-Yi Lin 22803
Cheng-Kai Tsai *see* Ruey-Shan Guo 20828
Cheng-Ke Wu *see* Wu Cheng-Ke
Cheng-Kok Koh *see* Cong, J. 43171
Cheng-Kok Koh *see* Gong, J. 11036
Cheng-Kung Cheng *see* Gwo-Ching Chang 49790
Cheng-Leong Ang *see* Ang Cheng-Leong
Cheng-Liang Huang, Soleimani, H., Grula, G., Arora, N., Sleight, J., Antoniadis, D. LOCOS process-induced stress effect on CMOS SOI characteristics 13147
Cheng-Liang Huang, Soleimani, H.R., Grula, G.J., Sleight, J.W., Villani, A., Ali, H., Antoniadis, D.A. LOCOS-induced stress effects on thin-film SOI devices 43046
Cheng-Liang Tsai *see* Kuen-Jong Lee 53126
Cheng-Lin Luo *see* Zheng-Feng Hu 58983
Cheng-Lin Luo *see* Zheng-Feng Hu 58986
Cheng-Lu Lin *see* Lin Cheng-Lu
Cheng-Ming Yuan *see* Ching-Lien Huang 50857
Cheng-Nan Chiu, Hsiao-Chang Chu, Chun Hsiung Chen Scattering from a slit composite cylindrical shell 33978
Cheng-Nan Chiu, Hsiao-Chang Chu, Chun Hsiung Chen Scattering from a slit composite cylindrical shell 34002
Cheng-Nan Chiu *see* Hsiao-Chang Chu 33940
Cheng-Ping Wang, Chin-Long Wey Test generation of analog switched-current circuits 53469
Cheng-Ping Wang, Hatzopoulos, A.A., Chin-Long Wey A test paradigm for analog and mixed-signal circuits and systems 1626
Cheng-Qing Yang *see* Sheng Lan 3855
Cheng-Shan Wang *see* Hsiao-Dong Chiang 1104
Cheng-Shan Wang *see* Hsiao-Dong Chiang 50470

Cheng-Shang Chang, Chi-Chao Chao, Thomas, J.A. Fundamental limits of traffic regulation and their connections to source coding 35489
Cheng-Shang Chang, Kwang-Cheng Chen, Ming-Young You, Jin-Fu Chang Guaranteed quality-of-service wireless access to ATM networks 25841
Cheng-Shong Wu *see* Shi-Wei Lee 50654
Cheng-Shou Sun *see* Sun Cheng-Shou
Cheng-Ta Haieh *see* Chih-Shun Ding 11124
Cheng-Ta Hsieh, Qing Wu, Chih-Shun Ding, Pedram, M. Statistical sampling and regression analysis for RT-Level power evaluation 11125
Cheng-Ta Hsieh *see* Beerel, P.A. 21607
Cheng-Tian Xue, Qiao-Min Wang, Hai-Bo Song, Jian-Xin Liang, Jin-Liang Wang Effective excitation of quasi-optical resonator in millimeter wave 41424
Cheng-Tsung Hwang *see* Wei-Liang Ing 40801
Cheng-Tsung Liu, Nywen Sheu Optimal pole arrangement design of a linear switched-reluctance machine for magnetic levitation and propulsion system 9272
Cheng-Tsung Liu, Wen-Lin Chang Synchronized solution of power electronics system equations using flexible MODELS component connected to the EMTP 1141
Cheng-Tung Yuan *see* Jeng-Shiann Wang 44096
Cheng-Tzu Kuo *see* Chang-Shun Chen 54728
Cheng-Wen Wu *see* Bin-Hong Lin 53136
Cheng-Wen Wu *see* Hao-Chiao Hong 41272
Cheng-Wen Wu *see* Jin-Hua Hong 52156
Cheng-Wen Wu *see* Po-Song Chen 4545
Cheng-Wen Wu *see* Shyue-Kung Lu 31229
Cheng-Yi Lu *see* Hague, L.M. 18712
Cheng-Yi Wang *see* Chii-Wann Lin 15235
Cheng-Yi Wang *see* Chung-Ming Chen 28236
Cheng-Zu Wu *see* Wen-Chau Liu 42185
Cheng-Zu Wu *see* Wen-Chau Liu 42956
Chengalvarayan, R., Li Deng Use of generalized dynamic feature parameters for speech recognition 45703
Chengalvarayan, R., Li Deng HMM-based speech recognition using state-dependent, discriminatively derived transforms on mel-warped DFT features 45704
Chengan Guo, Kuh, A. Temporal difference learning applied to sequential detection 40023
Chengcai Si *see* Si Chengcai
Chengche Feng *see* Mu Der Jeng 22929
Chengcheng Sun *see* Sun Chengcheng
Chengdi Sheng *see* Hac, A. 47772
Chengfang Yu *see* Yu Chengfang
Chengfei Wang *see* Akhremitchev, B. 3999
Chengge Zong *see* Zong Chengge
Chenghe Xu *see* Xu Chenghe
Chengjun Liu *see* Liu Chengjun
Chengke Wu *see* Wei Wang 5011
Chengke Wu *see* Wu Chengke
Chengkuo Lee, Itoh, T., Maeda, R., Suga, T. Smart force sensors for scanning force microscope using the micromachined piezoelectric PZT cantilevers 43408
Chengli Ruan *see* Zhengwei Du 31460
Chengli Ruan *see* Zhengwei Du 56180
Chenglu Lin *see* W-Ping Xu 52757
Chenglu Lin *see* Lin Chenglu
Chengqi Wu *see* Wu Chengqi
Chengshan Li *see* Li Chengshan
Chengshan Xiao Improved design procedure for fixed point state space digital filters with small round-off noise 41328
Chengshan Xiao Improved L_2-sensitivity for state-space digital system 45932
Chengshan Xiao, Agathoklis, P. Design of 2-D linear phase IIR digital filters using 2-D impulse response gramians and implementation with low roundoff noise and no overflow oscillations 1593
Chengshan Xiao, Hill, D.J. Discrete-time lossless bounded real lemma for multidimensional separable denominator digital systems 1592
Chengshan Xiao *see* Agathoklis, P. 1582
Chengshu Li *see* Li Chengshu
Chengwei Sun *see* Sun Chengwei
Chengwu An *see* An Chengwu
Chengwu Shen *see* Shen Chengwu
Chengxian Tang *see* Aydin, K. 28631
Chengyin Li *see* Li Chengyin
Chengyou Wang *see* Wang Chengyou
Chengyu Mou *see* Mou Chengyu
Chengzeng Xu *see* Eldada, L. 55346
Chengzheng Sun, Maheshwari, P. An efficient distributed single-phase protocol for total and causal ordering of group operations 25916
Chengzhi Zheng *see* Zheng Chengzhi
Chengzhou Ji *see* Ji Chengzhou
Chenhui Liu *see* Liu Chenhui
Cheni, K.-C. *see* Cheng, T.-Y. 45507
Chenjun Zhang *see* Zhang Chenjun
Chenmin Qi *see* Qi Chenmin
Chenming Hu Gate oxide scaling limits and projection 43058
Chenming Hu *see* Assaderaghi, F. 32409
Chenming Hu *see* Assaderaghi, F. 42332
Chenming Hu *see* Banerjee, K. 42709
Chenming Hu *see* Bin Yu 2650
Chenming Hu *see* Bin Yu 2688
Chenming Hu *see* Bin Yu 12996
Chenming Hu *see* Bin Yu 22806
Chenming Hu *see* Bin Yu 43045
Chenming Hu *see* Chain, K. 54562
Chenming Hu *see* Chen, J.C. 42710
Chenming Hu *see* Chen, J.C. 43242
Chenming Hu *see* Chen, K. 43006
Chenming Hu *see* Donggun Park 12935
Chenming Hu *see* Kai Chen 12923
Chenming Hu *see* Kai Chen 54788
Chenming Hu *see* McGaughy, B.W. 12821
Chenming Hu *see* Wann, C. 43099
Chenming Hu *see* Wann, C.H. 2642
Chenming Hu *see* Xiang Lu 54334
Chenming Hu *see* Ya-Chin King 2573
Chenming Hu *see* Yuhua Cheng 12991
Chenming Hu *see* Yuhua Cheng 21826
Chennakeshu, S. *see* Hassan, A.A. 14806
Chennakeshu, S. *see* Ramesh, R. 36025
Chenwu An *see* An Chenwu
Chenxi Li *see* Kunquan Lu 979
Chenyu Ma *see* Wei Li 27896
Chenyu Ma *see* Wei Li 60112
Chenzhou Ji *see* Ji Chenzhou
Cheo, P.K. *see* Ming Ding 14006
Cheo, P.K. *see* Ming Ding 33424
Cheo, P.K. *see* Shahnazi, K. 60071
Cheok, A., Ertugrul, N. A model free fuzzy logic based rotor position sensorless switched reluctance motor drives 29685
Cheok, K.C., Kobayashi, K., Scaccia, S., Scaccia, G. A fuzzy logic-based smart automatic windshield wiper 20205
Cheol Hoon Park *see* Lae-Jeong Park 21115
Cheol Joe Myung *see* Myung Cheol Joe
Cheol Koo Hahn, Eun Kyu Kim, In Sang Jeun, Kwang Moo Kim, Moo-Sung Kim, Suk-Ki Min, Jung Ho Park Self-assembled quantum structures deposited by molecular beam epitaxy on GaAs (100) and (311)A substrates 12423
Cheol Lee Bhum *see* Bhum Cheol Lee
Cheol Lee Byung *see* Byung Cheol Lee
Cheol Lee Won *see* Won Cheol Lee
Cheol Park Gi *see* Gi Cheol Park
Cheol Park Ji *see* Ji Cheol Park
Cheol Sang Shin *see* Gee Keun Chang 42734
Cheol Seong Hwang *see* Soon Oh Park 1350
Cheol Shin Byung *see* Byung Cheol Shin
Cheol Shin Ju *see* Ju Cheol Shin
Cheol Su Kim, Jeong Woo Kim, Jang Keun Bae, Duck Soo Noh, Yang Hoi Doh, Soo Joong Kim New angular multiplexing method for image storage in $BaTiO_3$ 55174
Cheol Su Kim, Jeong Woo Kim, Jang Keun Bae, Soo Joong Kim Real time optical image generation using phase grating with simulated annealing algorithm 3506
Cheol Yuk Keun *see* Keun Cheol Yuk
Cheol-Gyun Lee *see* Jeong-Tae Park 51024
Cheol-Hee Lee, Jae-Yoon Sim, Hong-June Park A temperature-insensitive current controlled CMOS output driver 21819
Cheol-Hoi Kim, Baik-Hyung Han, Jong-In Shim Analysis of the temperature dependence of the threshold current density in a 1.3-μm InGaAlAs/InGaAlAs MQW-FP-LD 44436
Cheol-Jin Lee, Man-Young Sung, Yung-Kwon Sung The electrical properties of Al/TiN/Ti/Si contact according to post annealing 2560
Cheol-Jin Lee, Yong-Choon Ra, Eun-Chul Lee, Man-Young Sung, Yung-Kwon Sung The properties of high speed AlGaAs/GaAs infrared LED according to metal contact annealing method 23692
Cheol-Min Park, Byung-Hyuk Min, Jae-Hong Jun, Juhn-Suk Yoo, Min-Koo Han Self-aligned offset gated poly-Si TFTs with a floating sub-gate 22799
Cheol-Min Park, Byung-Hyuk Min, Juhn-Suk Yoo, Jae-Hong Jun, Hong-Seok Choi, Min-Koo Han Laser induced implanted oxide (LI^2Ox) and polycrystalline silicon film simultaneously fabricated by excimer laser irradiation 22580
Cheol-Min Park, Moo-Sup Lim, Byung-Hyuk Min, Min-Koo Han, Yearn-Ik Choi A novel lateral field emitter triode with insitu vacuum encapsulation 41783
Cheol-Min Park *see* Byung-Hyuk Min 12934
Cheol-Min Park *see* Byung-Hyuk Min 22797
Cheol-Min Park *see* Jae-Hong Jun 22874
Cheol-Min Park *see* Juhn-Suk Yoo 2624
Cheol-Min Park *see* Moo-Sup Lim 53969
Cheol-Seong Lee, Min-Suk So, Hyo-Jin Lee A new phase error tracking algorithm for demodulating QPSK-spread IS-95 signal in digital cellular radio 47758
Cheol-Woo You *see* Jae-Hee Cho 3205
Cheol-Woo You *see* Young-Hwan Kim 55057
Cheon, J. A comprehensive plan for building the Korea Information Infrastructure 47118
Cheon Byoung Yoon *see* Byoung Yoon Cheon
Cheon Chang-Yul *see* Chang-Yul Cheon
Cheon Changyul *see* Changyul Cheon
Cheon Se Woo *see* Se Woo Cheon
Cheon Won Choi *see* Rubin, I. 6620
Cheon Woo Shini, Kwang Ik Kim 3D measurement strategy based on a projection invariance motion analysis with an artificial retina sensor 5094
Cheon-Seok Park, Seong-Kil Park, Jung-Woong Ra Moment method and iterative reconstruction of two-dimensional complex permittivity by using effective modes with multiple sources in the presence of noise 14596
Cheon-Soon Yang *see* Kyung-Ku Choi 32112
Cheong, C., Aizawa, K., Saito, T., Kaneko, M., Harashima, H. Structural motion estimation and segmentation based on presegmentation with probabilistic clustering 25703
Cheong, C. *see* Koyama, M. 2579
Cheong, H.M., Paul, W., Flatte, M.E., Miles, R.H. Pressure dependence of band offsets in $InAs/Ga_{1-x}In_xSb$ superlattices 42213
Cheong, H.Y. *see* You, Y.H. 6495
Cheong, K.W. Tracer gas technology for airflow measurements in HVAC systems 36972
Cheong Boon Soh *see* Li-Zhong Tang 34606
Cheong Cha Keon *see* Cha Keon Cheong
Cheong Tek Mun *see* Tek Mun Cheong
Cheong Youn, Hoon Choi, Taekyong Nam, Juhyun Ryu, Jeeho Jeong A service modeling integration for B-ISDN development 16365
Cheong-Fat Chan *see* Tin-Chak-Johnson Pang 53152
Cheong-Fat Chan *see* Yuk-Wah Pang 41107
Cheoul-Shin Kang, Byung-Seok Park, Jong-Dug Shin, Min-Yong Jeon, El-Hang Lee A quantitative performance comparison study of optical ring networks with different header speeds 48016
Chepel, V.Yu. *see* Araujo, H.M. 36565
Chepoi, V. Peakless functions on graphs 52469
Chepoi, V.D. *see* Brandstadt, A. 40061
Cheraghi, S.H., Lehtihet, E.A., Egbelu, P.J. Design and characterization of a vision-assisted system for surface-mount component placement 1773
Cherednichenko, S. *see* Kawamura, J. 43870
Cherednichenko, Y.G. *see* Chernov, V.M. 54896
Cheremisin, M.V. Quasi-static capacitance of a MOS-FET upon saturation of the carrier drift velocity 54618
Cheremoukhin, G.S. *see* Kouzmin, V.S. 49870
Cherepanov, C. *see* Buzykaev, A. 37237
Cherepennikov, V.V. *see* Belyakov, A.A. 15262
Cherepko, S.V. *see* Pershenkov, V.S. 22471
Cherepko, S.V. *see* Shvetzov-Shilovsky, I.N. 22997
Cherepov, E.I. *see* Krymsky, A.I. 33267
Cherepov, E.I. *see* Myasnikov, A.M. 54015
Chergui, A. *see* Gilliot, P. 22361
Cheri Deng *see* Lizzi, F.L. 37867
Cherian, P. *see* Erol, R.A. 18455
Cheriaux, G., Lepetit, L., Chambaret, J.-P., Joffre, M. Spectral phase measurement of a stretcher-compressor system by Fourier-transform spectral interferometry 17830
Cheriaux, G. *see* Antonetti, A. 14076
Cheriet, F., Meunier, J., Lesperance, J., Bertrand, M. 3D motion/structure estimation using temporal and stereoscopic point matching in biplane cineangiography 49438
Cheriet, M. *see* Said, J.N. 5341
Cherifi, A. *see* Khalil, M.S. 32742
Cherifi, H. *see* Bretto, A. 5012
Cherifi, H. *see* Bretto, A. 46348
Cherifi, H. *see* Charrier, C. 46350
Cherifi, H. *see* Natale, C. 46489
Cherin, E. *see* Saied, A. 18373
Cheriti, A. *see* Houenagnon, M.A. 19197
Cherkas, N.L. Electromagnetic wave in a medium composed of parallel dielectric cylinders 14575
Cherkasov, F.G., Ovchinnikov, I.V., Turanov, A.N., L'vov, S.G., Goncharov, V.A., Vitols, A.Ya. Electron paramagnetic resonance measurements of static magnetic susceptibility 48845
Cherkasov, V.V. *see* Vladimirova, S.Yu. 742
Cherkasova, L., Davis, A., Hodgson, R., Kotov, V., Robinson, I., Rokicki, T. Components of congestion control 26144
Cherkauer, B.S., Friedman, E.G. A hybrid radix-4/radix-8 low power, high speed multiplier architecture for wide bit widths 1294
Cherkur, R.P. *see* Harper, P.R. 31305
Chern, J.W.E., Cheh, H.Y. Modeling of plated through-hole processes. I. Current distribution 11872
Chern, J.W.E., Cheh, H.Y. Modeling of plated through-hole processes. II. Effect of leveling agents on current distribution 11873
Chern, M.-Y., Liaw, J.-S. Study of $Bi_xY_{3-x}Fe_5O_{12}$ thin films grown by pulsed laser deposition 52629
Chern, T.-L., Liu, C.-S., Jong, C.-F., Yan, G.-M. Discrete integral variable structure model following control for induction motor drivers 9600
Chern Jyh-Long *see* Jyh-Long Chern
Chern Ming-Yang *see* Ming-Yang Chern
Chern Sheng Lin *see* Yeu-Jent Hu 57153
Chern Tzuen-Lih *see* Tzuen-Lih Chern
Chern-Ching Chao A note on applications of the martingale central limit theorem to random permutations 52502
Chern-Lin Chen *see* Chang-Shiarn Lin 9720
Chern-Lin Chen *see* Yih-Neng Lin 9635
Chern-Lin Chen *see* Yu-Kang Lo 51108
Chern-Yu, K. *see* Chou, W.C. 30697
Chernenko, V.V. *see* Gorban, A.P. 42330
Chernetskaya, N. *see* Poltanov, A. 33876
Cherney, M. *see* Betts, W. 59222
Cherng, J.G., Chen, X.F., Peng, V. Application of acoustic metrology for detection of plate thickness change 30368
Cherng, Y.T. *see* Sze, P.W. 12243
Cherngyuan Sun *see* Sun Cherngyuan
Cherniawski, M. *see* Kong, G.Y. 32561
Chernikh, A.V. *see* Mikhailov, G.M. 21316
Chernikov, E.V. *see* Ivonin, I.V. 21293

Chernikov, S.V., Taylor, J.R., Gapontsev, D.V., Davydov, B.L., Samartsev, I.E., Gapontsev, V.P. Q-switching of Er^{3+}/Yb^{3+}-doped fiber laser using backscattering from a fiber ring interferometer 33418
Chernikov, S.V., Zhu, Y., Taylor, J.R., Gapontsev, V.P. Supercontinuum self-Q-switched ytterbium fiber laser 55520
Chernikov, S.V. *see* Boskovic, A. 33007
Chernikov, S.V. *see* Guy, M.J. 26758
Chernikova, E.V., Yancharina, A.M. Influence of inert and molecular gas impurities on the lasing efficiency of a neon-hydrogen plasma laser operating at λ=585.3 nm He 13952
Chernilin, Y. *see* Reisman, A. 29008
Chernin, D., Christenson, P.J., Lau, Y.Y. A new resistive instability in a crossed-field gap 1909
Chernin, D. *see* Kishek, R. 53980
Chernin, D. *see* Kishek, R.A. 31686
Chernin, D. *see* Riyopoulos, S. 1923
Chernin, D. *see* Riyopoulos, S. 31679
Chernin, D.P. Computer simulations of low noise states in a high-power crossed-field amplifier 1930
Chernin, D.P. *see* Christenson, P.J. 1929
Chernin, S.M. High-temperature miniature blackbody radiation sources 59073
Chernobai, V.A. *see* Venger, E.F. 32076
Chernogor, L.F., Garmash, K.P. Phenomenon of arising stimulated localized and large-scale disturbances in the ionosphere under the influence of powerful MF and HF radio waves 34094
Chernogor, L.F., Garmash, K.P., Leus, S.G., Pokhil'ko, S.N. Investigations of variations in VLF, LF, MF, HF radio wave and noise characteristics due to disturbances in the ionosphere 34095
Chernogor, L.F., Lazorenko, O.V. Dispersive distortion of high-frequency ultrawideband signals propagating in near-to-Earth space 34096
Chernokov, A.Ya. *see* Novikov, V.K. 60779
Chernous'ko, Yu.S. *see* Afonin, A.G. 37086
Chernov, G.M. *see* Demidov, N.A. 27277
Chernov, V. *see* Smirnov, G. 18190
Chernov, V.K. *see* Moskvin, V.G. 25181
Chernov, V.M. A metric unified treatment of two-dimensional FFT 391
Chernov, V.M. Tauber theorems for Dirichlet series and fractals 455
Chernov, V.M., Belyakov, V.A., Bryuzgin, A.M., Cherednichenko, Y.G., Ievleva, J.I., Khorasanov, G.L., Plaksin, O.A., Stepanov, V.A., Vizgalov, A.V., Zherebtsov, V.A., Zrodnikov, A.V. Investigations on radiation-induced processes in dielectric materials 54896
Chernov, Yu.A. Corrected angular spectra of radar signals reflected by the Moon 16890
Chernova, G.S. *see* Rigmant, M.B. 52922
Chernozatonskii, L.A. *see* Gulyaev, Yu.V. 53897
Chernozatonskii, L.A. *see* Larina, L.L. 20047
Chernuho, O.D. *see* Alishev, J.V. 58301
Chernukho, A. *see* Cenian, A. 55509
Chernushich, A.P. *see* Baru, V.G. 12582
Cherny, I.V., Nakonechny, V.P. Spectral variations of sea surface emission at mm-wave frequencies under influence of synoptical oceanic eddies 18875
Chernyak, D.V. *see* Anashkin, E.V. 37232
Chernyak, L. *see* Yang, J.W. 12341
Chernyak, Y.B. *see* Feldman, A. 49731
Chernyak, Y.B. *see* Fieldman, A. 49729
Chernyatin, A.K. *see* Dobrotin, S.A. 58873
Chernykh, A.I. *see* Goul'kov, M.Yu. 14310
Chernyshev, Yu.A. *see* Bravy, B.G. 44363
Chernyshov, A.K. *see* Velichanskii, V.L. 44614
Chernyshov, L.E. Stimulated Brillouin scattering of wide-band radiation in an acoustic resonator 44722
Chernyshov, V.A. *see* Il'inskii, A.D. 9653
Chernyshova, I.V., Andreev, S.I. Spectroscopic study of galena surface oxidation in aqueous solutions. I. Identification of surface species by XPS and ATR/FTIR spectroscopy 42536
Cheron, B. *see* Moreau, O. 48838
Cheron, G. *see* Draye, J.-P. 59599
Cheron, Y. *see* Aouda, N. 51352
Cheron, Y. *see* Loudot, S. 50546
Cheron, Y. *see* Nicolas, B. 9379
Cheron, Y. *see* Nicolas, B. 38889
Cheron, Y. *see* Nicolas, B. 51164
Cheron, Y. *see* Richardeau, F. 51229
Cheron, Y. *see* Richardeau, F. 60924
Cherri, A.K. Canonical quaternary arithmetic based on optical content-addressable memory (CAM) 3509
Cherruault, Y. *see* Guellal, S. 21191
Cherry, M.C., Kramer, S.C., Hagan, J.J. A comparison of guided and unguided anti-missile kinetic kill countermeasures 8698
Cherry, M.L. *see* Macri, J.R. 37355
Cherry, S.R. *see* Levin, C.S. 59498
Chertkov, A.A. Digital phase shifters in automatic frequency control systems of quantum frequency standards 7133
Chertovskikh, A.G., Klishin, A.V., Ryskulov, N.M., Ruban, A.A., Yudin, Yu.V. Charged trigger for CMD-2 detector at Novosibirsk VEPP-2M collider 37490
Chertovskikh, A.G. *see* Aksenov, G.A. 36440
Cherubini, F. *see* Alberti, G. 48720
Cherubini, F. *see* Risaliti, G. 58855
Cherukuri, K.C. *see* Sharangpani, R. 43511
Cherukuri, K.C. *see* Singh, R. 22493
Cherukuri, K.C. *see* Singh, R. 42399
Cherukuri, N., Liao, J.-M., Denuit, R.V., Kawano, K. A Pentium(R) processor based L/D MCM test vehicle: a subsystem for portable applications 1863
Cherukuthota, C. *see* Kovacevic, R. 30196
Chervak, O.Yu. *see* Chervak, Yu.Yu. 30525
Chervak, Yu.Yu., Chervak, O.Yu. Method for posing Pareto-lexicographic optimization problems 30525
Chervin, J.C. *see* Perlin, P. 22236
Chervin, J.C. *see* Roa, L. 22282
Chervotok, A. *see* Moskalenko, Yu. 59744
Chervyakova, E.N. *see* Govorkov, A.V. 54161
Cherwinka, J. *see* Shipsey, I. 59232
Cherwinka, J. *see* Spencer, M.B. 59274
Chesca, B. Theory of a UHF pumped double SQUID 13507
Chesca, B. A three-hole RF/UHF double SQUID as a natural second-order magnetic gradiometer 32921
Chesca, B. Output signal and noise characteristics in RF pumped double SQUIDS 43788
Cheshire, H. *see* Xiaolong Dai 8531
Chesi, E. *see* Weilhammer, P. 37429
Chesney, J.R., Bakos, R. Affordable ground station equipment for commercial and scientific remote sensing applications 8288
Chesnokov, A.F. *see* Ser'eznov, A.N. 58628
Chesnoy, J. *see* Cortes, P.-Y. 14158
Chesnoy, J. *see* Hamaide, J.-P. 26828
Chesny, P. *see* Golovanov, L.B. 18072
Chess, B. *see* Lavo, D.B. 40973
Chester, A.N. Evolution of technology management at Hughes 52069
Chester, A.N. Business culture and the practice of technology management 52070
Chester, A.N. Technical trends in the future 52094
Chester, J.P. Technology integration in the public switched network: new service opportunities 16173
Chestney, J.A., Sarbadi, M. Dielectric selection for a robotic electrostatic gripping device 44975
Cheston, T.C., Rao, J.B.L. Time-delay feed architectures for active scanned arrays 34457
Chetkin, S.A. *see* Lukishova, S.G. 14230
Chettri, S., Netanyahu, N. Spectral unmixing of remotely sensed imagery using maximum entropy 60030
Chetty, G., Deshpande, N. Knowledge-based object recognition system 35307
Chetty, P.R.K., Richardson, R., Sherwood, R. TOPEX/Poseidon electrical power system–lessons learned 18702
Chetty, P.R.K., Richardson, R., Sherwood, R., Deligiannis, F. TOPEX/Poseidon electrical power system–autonomous operation 18665
Chetverikov, A.P. Amplification of electromagnetic oscillations in a peniotron near the waveguide cutoff frequency 31710
Chetverikov, A.P. Auto-oscillations and bifurcation transitions in a system consisting of a linear dispersive wave interacting with a dispersion-free wave with cubic phase nonlinearity 34003
Chetverikov, D. Structural filtering with texture feature-based interaction maps: fast algorithm and applications 5569
Chetverikov, D. *see* Kiss, C.I. 4919
Chetwynd, A. *see* Barnes, N. 6135
Chetwynd, D.G., Gardner, J.W. Tribological application of conducting polymers in micromechanical devices 23081
Cheul Woo Ro *see* Chung Ho Cho 16101
Cheul-Hee Hahm, Jae-Kyoon Kim Overload vector quantisation by selective shell projection in lattice VQ 5473
Cheul-Ro Lee, Jae-Young Leem, Sam-Kyu Noh, In-Hwan Lee, Sung-Jin Son Growth and characterization of GaN epilayers grown as the TMG flow decreases during growth of GaN nucleus layer 688
Cheul-Ro Lee *see* Jae-Young Leem 689
Cheun Byeungsoo *see* Byeungsoo Cheun
Cheun Kyungwhoon *see* Kyungwhoon Cheun
Cheung, B.H., Leung, V.C.M. Network configurations for seamless support of CDMA soft handoffs between cell-clusters 47653
Cheung, C.S., Tsang, E.K., Hamilton, J.B. Canadian ATM-based broadband applications and demonstration experience at the Communications Research Centre 26248
Cheung, D.T.Y., Lau, J., Fung, S.K.H., Chan, P.C.H. Narrow-width design methodology for operational amplifiers in SOI technology 21500
Cheung, E.S.H., Feather, T.E., Lam, J., Likic, A., Manore, M.J., McLagan, N.S., Thompson, A.A., Tsang, R.M.C. Real-time SAR processing for Radarsat using the Fastscan system 16935
Cheung, H., Gupta, S.K. A BIST methodology for comprehensive testing of RAM with reduced heat dissipation 41134
Cheung, J., Kurz, L., Billis, S.H. A line detector in dependent noise processes based on experimental designs techniques 35346
Cheung, J. *see* Behar, D. 57176
Cheung, J. *see* Singh, R. *(editor)* 9797
Cheung, K.C. *see* Tam, S.M. 39869
Cheung, K.K., Yu, K.M., Hui, K.C. Volume invariant metamorphosis for solid and hollow rolled shape 46504
Cheung, K.P. *see* Chow, W.K. 33779
Cheung, K.P. *see* Liu, C.T. 2641
Cheung, M., Mark, J.W. Measurement-based connection admission control in ATM networks 46943
Cheung, N.C. *see* Rahman, M.F. 14536
Cheung, N.W. Plasma immersion ion implantation for semiconductor processing 22524
Cheung, N.W. *see* Chu, P.K. 32143
Cheung, N.W. *see* En, W. 2326
Cheung, N.W. *see* En, W.G. 32146
Cheung, N.W. *see* Jones, E.C. 42393
Cheung, N.W. *see* Linder, B.P. 12681
Cheung, N.W. *see* Min, J. 2325
Cheung, N.W. *see* Tao, J. 2428
Cheung, N.W. *see* Xiang Lu 54334
Cheung, P., Silveira, M., Gopinath, A. Correction to the analysis of dielectric guides by transverse magnetic field finite element penalty function method with extensions 14682
Cheung, P. *see* Badakhshan, A. 42652
Cheung, P.W. *see* Fung, S.K.H. 13161
Cheung, P.Y.K. *see* Albaharna, O.T. 21721
Cheung, P.Y.K. *see* Luk, W. 21578
Cheung, P.Y.K. *see* Molina, P.A. 1304
Cheung, P.Y.K. *see* Molina, P.A. 53235
Cheung, P.Y.K. *see* Sousa, J.T. 11887
Cheung, P.Y.K. *see* Zhuang, N. 499
Cheung, R., Patrick, W., Pfund, I., Hahner, G. Reactive ion etch-induced effects on 0.2 μm T-gate $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As/InP$ high electron mobility transistors 22881
Cheung, R., Patrick, W., Sutter, P. Effects of CH_4/H_2 reactive ion etching on the scattering times of InP heterostructures 42521
Cheung, R. *see* Cheng, L. 19870
Cheung, R. *see* Duran, H.C. 41437
Cheung, R.W.L., Liu, P.K.C. Performance analysis of a multi-video traffic communication network 16070
Cheung, S.E. *see* Yann-Hang Lee 46630
Cheung, S.K., Wang, H., Huang, W., Jain, F. Optical characterization of InGaAs-GaAs multiple quantum wells using variable angle spectroscopic ellipsometry for designing tunable modulators 31969
Cheung, T., Rice, A. An investigation of ESD protection for magnetoresistive heads 23364
Cheung, T.King-Yin *see* King-Yin Cheung, T.
Cheung, W.N. *see* Yong-Qing Li 14142
Cheung, W.P., Lee, C.K., Li, K.C. Direct shape from shading with improved rate of convergence 56909
Cheung, W.Y. *see* Hansen, P.B. 26730
Cheung, Y.S. *see* Lau, A.C.K. 25920
Cheung, Y.S. *see* Sheng Zhong 25433
Cheung Chi-Chung *see* Chi-Chung Cheung
Cheung Chi-Wai *see* Chi-Wai Cheung
Cheung Chu Ming *see* Chu Ming Cheung
Cheung Hui Siu *see* Siu Cheung Hui
Cheung Kwan Fai *see* Kwan Fai Cheung
Cheung Kwok-Wai *see* Kwok-Wai Cheung
Cheung Shun Yan *see* Shun Yan Cheung
Cheung To-Yat *see* To-Yat Cheung
Cheung Tsz-Shing *see* Tsz-Shing Cheung
Cheung-Fat Chan *see* King-Fai Lam 14943
Cheung-Fat Chan *see* Siu-Pun Chui 14978
Cheung-Wei Lain *see* Tuncer, E. 39824
Chevalier, J.-P. *see* de Charette, R. 20275
Chevalier, M. *see* Calvo, M.L. 35338
Chevalier, M.W., Luebbers, R.J. FDTD local grid with material traverse 34224
Chevalier, M.W., Luebbers, R.J., Cable, V.P. FDTD local grid with material traverse 44860
Chevalier, P. Optimal array processing for non-stationary signals 25033
Chevalier, R. *see* Sahraoui, B. 24153
Chevalier, R.F.Le *see* Le Chevalier, R.F.
Chevallier, M. *see* Artru, X. 49308
Chevallier, P. *see* Arkadiev, V. 37578
Chevarier, A. *see* Antoine, C. 32889
Chevarier, N. *see* Antoine, C. 32889
Cheveau, L. The 34 Mbit/s–8PSK coding system planned for Eurovision 17026
Cheverst, K. *see* Davies, N. 47585
Cheville, R.A., Grischkowsky, D. THz impulse ranging measurements of the late time response 7551
Chevrel, P., Sicot, L., Siala, S. DC motor speed control with current limitation: an alternative strategy 60800
Chevrel, S., Aghvami, A.H., Lach, H.-Y., Taylor, L. Analysis and optimisation of the HIPERLAN channel access contention scheme 47078
Chevretre, P. *see* Fortin, J. 19015
Chevrette, P., Fortin, J. Wide area coverage infrared surveillance system 17529
Chevrette, P. *see* Bolduc, P. 19013
Chevrette, P. *see* Gauvin, J. 5667
Chevreuil, A., Loubaton, P. On the use of conjugate cyclo-stationarity: a blind second-order multi-user equalization method 25822
Chevrier, G. *see* Varniere, F. 43494
Chevrier, P., Barrault, M., Fievet, C. Hydrodynamic model for electrical arc modelling [in circuit breakers] 9433
Chevrollier, R. *see* Buhler, S. 49018

Chevy, A. *see* Errandonea, D. 22284
Chevy, A. *see* Nusse, S. 42036
Chevy, A. *see* Roa, L. 22282
Chew, P. *see* Husby, D. 37509
Chew, P. *see* Zheng, J.-Z. 41144
Chew, S. Thermal and viscoelastic characterization of transfer-molded epoxy encapsulant during simulated post-mold cure 220
Chew, W.C., Liu, Q.H. Using perfectly matched layers for elastodynamics 38035
Chew, W.C. *see* Bowen, J.M. 34242
Chew, W.C. *see* Chen, F.-C. 48126
Chew, W.C. *see* Chen, J. 37903
Chew, W.C. *see* Chen, S.Y. 45373
Chew, W.C. *see* Chen, Y.H. 33925
Chew, W.C. *see* Jin, J.M. 18326
Chew, W.C. *see* Michielssen, E. 34019
Chew, W.C. *see* Michielssen, E. 34030
Chew, W.C. *see* Song, J.M. 36233
Chew, W.C. *see* Wagner, R.L. 33918
Chew, Y.H., Tjeng Thiang Tjhung, Mendis, F.V.C. An optical filter of adjustable finesse using an amplified fiber ring resonator 33209
Chew Gerard *see* Gerard Chew
Chew Peng Lee *see* Lee Chew Peng
Chew Siou Teck *see* Siou Teck Chew
Chew Weng Cho *see* Weng Cho Chew
Cheynet, P. *see* Velazco, R. 21846
Cheynet, P. *see* Velazco, R. 21853
Chhabra, A. *see* Arias, J.F. 5640
Chhabra, V. *see* Singhal, M. 32477
Chhabrar, C.N. *see* Njoku, P.C. 7863
Chhajed, D., Palekar, U.S. Dominant graphs for rectilinear network design with barriers 52470
Chhaya, H.S., Gupta, S. Performance of asynchronous data transfer methods of IEEE 802.11 MAC protocol 6102
Chhokra, S.A., Sood, R., Gupta, R.S. Subthreshold current model with modified threshold voltage for submicrometre scale GaAs MESFETs 43112
Chi, C.-Y. *see* Feng, C.-C. 15162
Chi, C.C. *see* Lin, C.L. 3271
Chi, C.M. *see* Lao, R.R. 27298
Chi, D. *see* Yu, R. 15797
Chi, D.Z., Ashok, S., Theodore, D. Investigation of defect activation under thermal anneal in ECR H plasma exposed epitaxial Si 54333
Chi, K.K., Hahm, J.H., Shin, K.S., Shin, H.S., Jung, C.O., Koh, Y.B., Lee, M.Y. Enhanced pulsed plasma operation by suppressing side band modes 54470
Chi, P.H. *see* Chen, C.Y. 42052
Chi, P.H. *see* Edwards, A. 54368
Chi, P.H. *see* Gardner, J.A. 54330
Chi, S. *see* Chen, Y.K. 16677
Chi, S. *see* Wang, S.C. 217
Chi, S. *see* Wang, S.C. 12824
Chi, X.B. Analysing the efficiency of solving dense linear equations on Dawning1000 582
Chi, Y. *see* Choroba, S. 49059
Chi Chan *see* Vivekanandan, J. 50060
Chi Chang *see* Haddad, S. 1351
Chi Chen-Yu *see* Chen-Yu Chi
Chi Ching Chang, Selviah, D.R. High-efficiency laser coupling in $BaTiO_3$ mutually pumped phase-conjugate mirror using novel configurations 55838
Chi Chiu-Mien *see* Chiu-Mien Chi
Chi Chong-In *see* Chong-In Chi
Chi Chong-Yung *see* Chong-Yung Chi
Chi Chung Lam An efficient distributed channel allocation algorithm based on dynamic channel boundaries 58201
Chi Chung Wong, Hua Xiao A combined fine-coarse mesh method for the transmission line modelling of diffusion 45272
Chi Fan, Van Blerkom, D.A., Esener, S.C. Optimization of transmitter and receiver design for optoelectronic computing 33183
Chi Fan, Van Blerkom, D.A., Hendrick, W.L., Esener, S.C. Free-space optical interconnection: a technology comparison of vertical-cavity surface-emitting lasers and multiple-quantum-well modulators 23713
Chi Fan *see* Van Blerkom, D.A. 36199
Chi Guan *see* Guan Chi
Chi Ho Ma *see* Shiu Yin Yuen 5410
Chi Huang Tsai *see* Tsai Chi Huang
Chi Huisheng *see* Chen Ke 15022
Chi Huisheng *see* Huisheng Chi
Chi Hung-Ming *see* Hung-Ming Chi
Chi Kang Li *see* Seguin, F.H. 37567
Chi Kuen Leung, Boukli-Hacene, M. Comparison of orthogonal CDMA and slow frequency hopping (SFH)/TDMA for picocell communications 47662
Chi Lau *see* Yue Wang 59557
Chi Li *see* Xu Zhongyou 53308
Chi Min-Hwa *see* Min-Hwa Chi
Chi Sien *see* Sien Chi
Chi Tailan *see* Tailan Chi
Chi Tsai Lieu *see* Chung Cheng Chang 48497
Chi Wang, Hui-Wen Yao, Zaki, K.A. Modeling of re-entrant coaxial and combline resonators and filters 31475
Chi Wang, Zaki, K.A. Full-wave modeling of generalized double ridge waveguide T-Junctions 24532
Chi Wu *see* Little, B.E. 23635
Chi Wu *see* Wei-Ping Huang 55371
Chi Xiao-Chun, Ding Li-Jian, Yang Jia-Xiang A preliminary study of oil-polypropylene insulating system 19813
Chi Xiao-Chun *see* Huang Yun-Jin 32725
Chi Xiao-Chun *see* Yang Jia-Xiang 13291
Chi Xiao-Chun *see* Yang Jia-Xiang 14510
Chi Xiao-Chun *see* Yang Jia-Xiang 19812
Chi Yau *see* Jarwala, N. 52159
Chi Zongtao *see* Xu Fuyun 44605
Chi-An Su *see* Nen-Fu Huang 6122
Chi-An Su *see* Nen-Fu Huang 57626
Chi-Chao Chao, Yuh-Lin Yao Hidden Markov models for the burst error statistics of Viterbi decoding 14835
Chi-Chao Chao *see* Cheng-Shang Chang 35489
Chi-Chao Chao *see* Jay Cheng 24737
Chi-Chao Chao *see* Mao-Ching Chiu 16011
Chi-chao Chao *see* Tsung-Cheng Wu 35969
Chi-Chih Yao, A. Security of quantum protocols against coherent measurements 34542
Chi-Ching Yang *see* Ciann-Dong Yang 8683
Chi-Ching Yang *see* Ciann-Dong Yang 48172
Chi-Ching Yang *see* Ciann-Dong Yang 60171
Chi-Chuan Hwang *see* Wang-Long Li 13440
Chi-Chun Lo, Lee-Wen Huang Similarity retrieval on video database based upon module operation 46136
Chi-Chun Lo *see* Ying-Dar Lin 5736
Chi-Chun Lo *see* Ying-Dar Lin 35644
Chi-Chung Cheung, Tsang, D.H.K., Gupta, S., Hon-Wai Chu Least-loaded-first dynamic multicast routing for single rate loss networks 5885
Chi-Fa Lin *see* Wei-Tsu Tseng 42592
Chi-Fa Lin *see* Wei-Tsu Tseng 54380
Chi-Geun Han *see* Yong-Hoon Lee 10310
Chi-Hong Hwang, Wu, A.C.-H. An entropy measure for power estimation of Boolean functions 41117
Chi-Hoon Jun *see* Youn Tae Kim 12615
Chi-Hsiang Yeh *see* Parhami, B. 1320
Ch'i-Hsin Lin *see* Shin-Yeu Lin 19055
Ch'i-Hsin Lin *see* Shin-Yeu Lin 38239
Chi-Hung Chen *see* Yung-Yaw Chen 49769
Chi-Hung Huang, McCaughan, L. Er:$LiNbO_3$ guided wave optical amplifiers pumped at 980 nm 44428
Chi-Hung Huang, McCaughan, L. Polarization-dependent enhancement of population inversion and of green upconversion in Er:$LiNbO_3$ by Yb codoping 55534
Chi-Hung Liao *see* Tien-Ko Wang 28023
Chi-Jui Wu, Wei-Nan Chang Developing a harmonics education facility in a power system simulator for power engineering education 50353
Chi-Kin Ho *see* Chung, R. 5307
Chi-Kong Wong, Au, O.C., Chi-Wah Tang Motion compensated temporal interpolation with overlapping 5151
Chi-Kwong Li *see* Huiwei Guan 47390
Chi-Liang Lee *see* Hong-Sen Kou 610
Chi-Man Ng, Nguyen, C.T., Kuehne, S.C., Wong, S.S. Evidence of reduced maximum E-field in quasi-SOI MOSFETs 12928
Chi-Maw Shieh *see* Shieh Chi-Maw
Chi-Min Liu, Kuo-Guan Wu Modified Moose estimator for tracking highly manoeuvring targets 56230
Chi-Ming Chang *see* Da-Yin Liao 153
Chi-Moon Han *see* Eun-Joo Ha 46596
Chi-Moon Han *see* Moon-Kyun Oh 57577
Chi-Shain Hong *see* Bonebright, R.K. 49891
Chi-Shain Hong *see* Kim, J.H. 28700
Chi-Shi Liu A general framework of feature extraction: application to speaker recognition 15082
Chi-Shing Zee *see* Colletti, P.M. 18309
Chi-Sun Park *see* Su-Hyon Paek 13228
Chi-Sung Laih, Wen-Chung Kuo New signature schemes based on factoring and discrete logarithms 24796
Chi-Sung Laih, Wen-Chung Kuo Speeding up the computations of elliptic curves cryptoschemes 45618
Chi-Taou Tsai Inductance and SSN performance comparison of a 225 plastic BGA and a 208 plastic QFP 215
Chi-Wah Tang *see* Chi-Kong Wong 5151
Chi-Wai Cheung *see* Yu-On Yam 53053
Chi-Wen Kuo *see* Kuan-Jen Lin 41086
Chi-Wu Mao *see* Jzau-Sheng Lin 59479
Chi-Wu Mao *see* Yuh-Hwan Liu 59487
Chi-Yao Wu *see* Pollock, C. 61114
Chi-Yen Shen, Ren-Chang Chu, Cwo-Hwa Liou, Shuming Tong Wang Proton-exchanged $LiNbO_3$ optical waveguides using toluic acid 55265
Chi-Yen Shen, Shuming Tong Wang Fabrication of proton-exchanged high-index $LiNbO_3$ waveguides using m-toluic acid 3423
Chi-Yin Tse *see* Liew, S.C. 57097
Chia, B. *see* Mu, A. 6415
Chia, K.B., Haldar, M.K., Garg, H.K., Mendis, F.V.G. Influence of laser parameters on statically calculated clipping distortion in subcarrier multiplexed systems 26896
Chia, K.B. *see* Haldar, M.K. 26771
Chia, M., Mallick, R. Why private power projects get stalled 60450
Chia, P., Ong, K., Bhullar, H.K. An accurate and automatic system for extracting features from ECG paper recordings: its use in clinical studies and telemedicine 49621
Chia, P. *see* Bhullar, H.K. 37820
Chia, S.T.S. Design and optimisation for cellular access network 26647
Chia, V.K.F. *see* Chindalore, G. 54647
Chia Kang-Ngee *see* Kang-Ngee Chia
Chia Tsorng-Lin *see* Tsorng-Lin Chia
Chia-Chen Hsu, A Tzer-Hsiang Huang, Yi-Liang Zang, Jiunn-Lih Lin, Ying-Yen Cheng, Jiann Tsuen Lin, Hui Hsien Wu, Wang, C.H., Chie-Tong Kuo, Chen-Hwa Chen Hyperpolarizabilities of the *m*-substituent phenyl amine based chromophores determined from the hyper-Rayleigh scattering and two photon absorption induced fluorescence 4018
Chia-Chi Chao *see* Guo, R. 1477
Chia-Chi Chu Constructing analytical energy functions for lossless network-reduction power system models: framework and new developments 50436
Chia-Chi Tsui Design generalization and adjustment of a failure isolation and accommodation system 20991
Chia-Chi Wang *see* Jacobs-Perkins, D. 58844
Chia-Ching Wang *see* Kuu-Young Young 36366
Chia-Hsien Wen *see* Ching-Wen Yang 28484
Chia-Hui Wang *see* Sun, Y.S. 57826
Chia-Jen Wu *see* Ying-Dar Lin 35840
Chia-Kung Chan *see* Gonzalez, F. 40881
Chia-Lian Tseng *see* Tien-Ko Wang 28023
Chia-Lin Hwang *see* San-Qi Li 35646
Chia-Ming Tsai, Chien-Ping Lee Reflection-type normally-on two-wavelength modulator 48007
Chia-Ming Tsai *see* Shun-Tung Yen 44567
Chia-Pin Chin *see* Viswanath, R. 52281
Chia-Song Wu *see* Yi-Jen Chan 54704
Chia-Wen Chang *see* Jiun-Wei Horng 41305
Chia-Wen Chang *see* Jiun-Wei Horng 41318
Chia-Wen Chang *see* Jiun-Wei Horng 53416
Chia-Wen Huang *see* Huang Chia-Wen
Chia-Yuan Chang *see* Ciann-Dong Yang 38199
Chiabrera, A. *see* Cincotti, S. 53825
Chialin Chang, Bongki Moon, Anurag Acharya, Shock, C., Sussman, A., Saltz, J. Titan: a high-performance remote-sensing database 58241
Chialin Wu *see* Spencer, M.W. 28630
Chiampi, M. *see* Bottauscio, O. 23320
Chiampi, M. *see* Bottauscio, O. 24382
Chian, M., Croft, G., Jost, S., Landy, P., Myers, B., Prentice, J., Schultz, D. IC implementation challenges of a 2.4 GHz wireless LAN chipset 26234
Chian Cheng-Chin *see* Cheng-Chin Chian
Chianese, A., Pochetti, F., Pompili, M., Mazzetti, C., Ratti, U. PCB decontamination of insulating oils and their electrical behaviour evaluation 29375
Chiang, A., Wilson, D. Development and application of a probabilistic shutdown safety assessment for refueling outage 10 38485
Chiang, A. *see* Walter, A.E. 58903
Chiang, C.-M., Rowe, J.E., Malic, R.A., Sen, A., Steigerwald, M.L., Mills, A.P. A new CVD reaction for atomic layer deposition of silicon 10878
Chiang, D.Y. *see* Yao, Y.D. 3262
Chiang, D.Y. *see* Yao, Y.D. 43729
Chiang, E. *see* Chen, C.-C. 31272
Chiang, F.P. *see* Huang, W. 725
Chiang, F.P. *see* Wang, Y.Y. 21403
Chiang, F.P. *see* Zhu, N. 48932
Chiang, H.-C., Liu, J.-C. A novel DCT-based prefilter structure for efficient digital filter design 21803
Chiang, H.-C. *see* Ying, C.J. 6899
Chiang, J.C. *see* Tidrow, M.Z. 36567
Chiang, J.Y., Guo, W.T., Yu-Fu Hsieh, Yun-Lung Chang Target identification from a rolling image sequence 25350
Chiang, J.Y., Huang, Y.T., Yun-Lung Chang Application of EM algorithm to image contrast enhancement 25345
Chiang, K.H., Evans, B.L., Huang, W.T., Kovac, F., Lee, E.A., Messerschmitt, D.G., Reekie, H.J., Sastry, S.S. Real-time DSP for sophomores 9917
Chiang, K.S. *see* Kwok-Wah Hui 23585
Chiang, K.S. *see* Kwok-Wah Hui 55301
Chiang, M.-C. *see* Wu, T.-F. 39377
Chiang, P.K., Ermer, J.H., Nishikawa, W.T., Krut, D.D., Joslin, D.E., Eldredge, J.W., Cavicchi, B.T., Olson, J.M. Experimental results of $GaInP_2/GaAs/Ge$ triple junction cell development for space power systems 37980
Chiang, R. *see* Hartung, W. 49248
Chiang, S., Lan, J., Shepherd, B., Wu, P.Y.F. Microfilled via: an enabling technology for high density high performance high volume BGA substrates 30261
Chiang, S.R. *see* Young, S.T. 18266
Chiang, T. *see* Martucci, S.A. 35185
Chiang, T.Y. *see* Chou, W.C. 30697
Chiang, Y.-M. *see* Lee, J.-R. 41912
Chiang, Y.J. Characterizing simple-stranded wire cables under axial loading 30671
Chiang Chien *see* Chien Chiang
Chiang Chun-Sung *see* Chun-Sung Chiang
Chiang Chung-Yuan *see* Chung-Yuan Chiang
Chiang Hsiao-Dong *see* Hsiao-Dong Chiang
Chiang Huihua Kenny *see* Huihua Kenny Chiang
Chiang Hwang-Cheng *see* Hwang-Cheng Chiang
Chiang Jen-Shiun *see* Jen-Shiun Chiang
Chiang Jia-Yo *see* Jia-Yo Chiang
Chiang Jih-Chen *see* Jih-Chen Chiang
Chiang Jung-Hsien *see* Jung-Hsien Chiang
Chiang Lu-Ping *see* Lu-Ping Chiang
Chiang Ming-Chao *see* Ming-Chao Chiang

Chiang Ming-Cheng *see* Ming-Cheng Chiang
Chiang Tihao *see* Tihao Chiang
Chiang Wei-Ling *see* Wei-Ling Chiang
Chiang Wen-Yen *see* Wen-Yen Chiang
Chiang-Jung Pu, Harris, J.G. A continuous-time analog circuit for computing time delays between signals 1640
Chiang-Nan Chao, Mockler, R.J., Dologite, D.G., Qing Wang A pilot study of strategic partnering issues in China—Chinese CEOs' perceptions of their Western partners 39657
Chiani, M. Analytical distribution of linearly modulated cochannel interferers 24499
Chiao, M. *see* Pepper, D.M. 20963
Chiao Mu *see* Mu Chiao
Chiappetti, D. *see* Francisco, J. 61031
Chiapyng Lee *see* Kuan-Lun Cheng 21339
Chiara, R. *see* D'Errico, G.E. 51890
Chiaradia, M.T., Guerriero, L., Pasquariello, G., Refice, A., Veneziani, N. Absolute phase determination in SAR interferometry 8365
Chiaradia, M.T., Guerriero, L., Pasquariello, G., Refice, A., Veneziani, N. Phase unwrapping techniques for IFSAR 48077
Chiaradia, M.T. *see* Barbarito, E. 18093
Chiaraluce, F., Gambi, E., Pierleoni, P. A nonlinear device for optical dragging with compensation of the initial phase difference 3511
Chiaraluce, F. *see* Borella, A. 5731
Chiaraluce, F. *see* Borella, A. 6744
Chiaraluce, F. *see* Borella, A. 46562
Chiaraluce, F. *see* Cancellieri, G. 24078
Chiarantoni, E. *see* Acciani, G. 8343
Chiaretti, G. *see* Zylbersztejn, A. 26901
Chiariglione, L. DAVIC: Motivations and goals 5931
Chiariglione, L. MPEG and multimedia communications 35816
Chiaroni, D., Chauzat, C., De Bouard, D., Sotom, M. Sizeability analysis of a high-speed photonic packet switching architecture 26446
Chiaroni, D., De Bouard, D., Doussiere, P., Chauzat, C., Sotom, M. High performance semiconductor optical amplifier gate for fast WDM packet switching 16733
Chiaroni, D. *see* Masetti, F. 26444
Chiarugi, S. *see* Cambiaso, A. 18930
Chiarulli, D.M. *see* Plusquellic, J.F. 40968
Chiavassa, G., Liandrat, J. On the effective construction of compactly supported wavelets satisfying homogeneous boundary conditions on the interval 56425
Chiaveri, E. *see* Benvenuti, C. 49021
Chiaveri, E. *see* Facco, A. 49139
Chiba, A., Akiyama, Y., Katakami, K., Miura, S., Matsuura, H. Life test performance of impregnated cathode in highly reliable satellite traveling wave tube 58244
Chiba, A., Isaka, K. Current distributions inside the cylindrical model with the internal and the external tissues having different conductivities in the electric fields 59830
Chiba, A., Masuda, T., Fukao, T. A machine parameter measurement of switched reluctance machines with egg-shape diagram 29273
Chiba, A. *see* Furuichi, R. 29331
Chiba, A. *see* Mizuno, T. 29755
Chiba, A. *see* Ooshima, M. 38716
Chiba, H., Miyazaki, Y. The reflection and transmission characteristics of radio wave at a building construction site due to reinforced concrete slabs 34054
Chiba, H. *see* Yasuda, A. 7008
Chiba, I. *see* Haryu, K. 45429
Chiba, I. *see* Miura, R. 47805
Chiba, I. *see* Nishizawa, K. 56137
Chiba, I. *see* Takahashi, T. 56202
Chiba, I. *see* Yonezawa, R. 56200
Chiba, J. *see* Hamada, H. 56376
Chiba, K. *see* Kuwahara, T. 3335
Chiba, K. *see* Tanaka, A. 7402
Chiba, K. *see* Yamaguchi, S. 24311
Chiba, K. *see* Yamaguchi, S. 55766
Chiba, M. *see* Arai, Y. 37267
Chiba, M. *see* Arai, Y. 37268
Chiba, M. *see* Omid, M. 45355
Chiba, R., Ishii, T., Yoshimura, F. Temperature dependence of ionic conductivity in $(1-x)ZrO_2$-$(x-y)Sc_2O_3$-yYb_2O_3 electrolyte material 51553
Chiba, T., Yamashita, T., Chubachi, N. Double PWM method for high voltage discharge energy control [wire bonding] 12020
Chiba, T. *see* Ishimoto, K. 60084
Chiba, T. *see* Kamigaito, O. 49213
Chiba, T. *see* Nishio, S. 902
Chiba, T. *see* Ohtera, Y. 13732
Chiba, T. *see* Uno, H. 58320
Chiba, Y., Morita, K. Impact of the NS8000 series on existing network service: from existing network services to multimedia services 35825
Chiba, Y. *see* Mochi, H. 51317
Chibelushi, C.C., Mason, J.S.D., Deravi, N. Integrated person identification using voice and facial features 57512
Chible, H. *see* Motta, L. 31063
Chichagov, Yu.V. *see* Gridin, S.V. 49343
Chicharo, J. *see* Judge, J. 46687
Chicharo, J.F. *see* Jiangtao Xi 21213
Chicharo, J.F. *see* Jingtao Xi 30685
Chicharo, J.F. *see* Xi, J. 4857
Chichereau, C., Lacoume, J.L., Blanpain, R., Dassot, G. Short delay detection of a transient in additive Gaussian noise via higher order statistic test 45985
Chichester, R. *see* Partovi, A. 3354
Chichibu, S. *see* Kamata, A. 40474
Chichibua, S. Room-temperature near-band-edge photoluminescence from $CuInSe_2$ heteroepitaxial layers grown by metalorganic vapor phase epitaxy 44222
Chichibua, S., Azuhata, T., Sota, T., Nakamura, S. Spontaneous emission of localized excitons in InGaN single and multiquantum well structures 12502
Chichikawa, T. *see* Morizane, T. 51121
Chichkov, B.N., Momma, C., Wellegehausen, B. Short-pulse driven coherent XUV radiation sources 33662
Chichkov, B.N. *see* Becker, W. 55903
Chichkov, B.N. *see* Wellegehausen, B. 13922
Chichkov, B.N. *see* Wellegehausen, B. 14293
Chick, A.P., Picken, D.J. The economics of short rotation coppicing for gasification and electricity production on site 28978
Chickermane, V. *see* Zarrinch, K. 1048
Chida, K. *see* Watanabe, T. 37036
Chidambaram, N. *see* Karnezos, M. 242
Chidambaram, N. *see* Papageorge, M. 20921
Chidambarrao, D. *see* Morehead, F. 41894
Chidananda Gowda, K., Ravi, T.V. Genetic algorithms for symbolic clustering 472
Chidgey, P.J., Hill, A.M. Interworking and optical networking in the European ACTS WOTAN project 26884
Chidsey, C.E.D., Linford, M.R. Mechanism for the chemisorption of contaminants on hydrogen-terminated silicon surfaces 42524
Chie Dou, Ming-Der Shieh A CAM-based VLSI architecture for shared buffer ATM switch with fuzzy controlled buffer management 5751
Chie-Tong Kuo *see* Chia-Chen Hsu 4018
Chieh, E. *see* Wells, G.T. 53857
Chieh Hu *see* Hu Chieh
Chieh Yih Wan *see* Jow-Tsong Shy 13977
Chieh-Hsiung Kuan *see* Ray-Ming Lin 27586
Chieh-Li Chen *see* Cha'o-Kuang Chen 21116
Chieh-Li Chen *see* Ming-Jyi Jang 24997
Chieh-Wen Cheng *see* Nen-Fu Huang 57626
Chieh-Yi Tang, Ropella, K.M., Roth, J.A. Discrimination of fibrillatory rhythms from intracardiac electrograms using real-time magnitude-squared coherence 49640
Chieh-Yuan Chao, Hung-Jen Lin, Miler, L. Optimal testing of VLSI analog circuits 43280
Chien, A. *see* Lantia, M. 35730
Chien, C., Nazareth, S., Lettieri, P., Molloy, S., Schoner, B., Boring, W.A., IV, Chen, J., Deng, C., Mangione-Smith, W.H., Jain, R. An integrated testbed for wireless multimedia computing 26232
Chien, C. *see* Verma, V. 11577
Chien, C.H. *see* Chao, T.S. 54651
Chien, C.J. *see* Bruynseraede, Y. 32920
Chien, C.Y. *see* Brodeur, A. 55555
Chien, D.H., Lee, C.C. A thermal design methodology for VLSI circuits 32499
Chien, D.H. *see* Lee, C.C. 55739
Chien, D.H. *see* Wen-Tang Chen 277
Chien, G. *see* Cho, T.B. 6600
Chien, L.-C., Boyden, M.N., Muller, U. Smart materials for polymer-stabilized reflective cholesteric displays 7502
Chien, L.-C. *see* Nose, T. 55326
Chien, M. *see* Koren, U. 44483
Chien, M. *see* Miller, B.I. 55629
Chien, M. *see* Raybon, G. 26697
Chien, M. *see* Raybon, G. 26936
Chien, M. *see* Young, M.G. 26833
Chien, M.-C. *see* Chang, P.-C. 15800
Chien, S.A. *see* Hill, R.W., Jr. 58259
Chien, W. Video for everyone 46068
Chien, Y.-M., Lin, D.W. Suboptimal quantization control employing approximate distortion-rate relations for motion video coding 56628
Chien Chao-Hsin *see* Chao-Hsin Chien
Chien Cheng-Chung *see* Cheng-Chung Chien
Chien Chiang *see* Gang Bai 2437
Chien Chiun-Hong *see* Chiun-Hong Chien
Chien Chou *see* Yeu-Chuen Huang 17845
Chien Horng-Ming *see* Horng-Ming Chien
Chien Jen-Tzung *see* Jen-Tzung Chien
Chien Kuo Yang, Tan Fu Lei, Chung Ten Lee Characteristics of top-gate polysilicon thin-film transistors fabricated on fluorine-implanted and crystallized amorphous silicon films 2676
Chien Lee-Feng *see* Lee-Feng Chien
Chien Pie-Yau *see* Pie-Yau Chien
Chien Sung-Il *see* Sung-Il Chien
Chien Yi-Jiunn *see* Yi-Jiunn Chien
Chien Yu-Jen *see* Yu-Jen Chien
Chien-An Lung *see* Wen-An Loong 42871
Chien-Chang Huang *see* Ming-Dou Ker 32437
Chien-Chang Huang *see* Ming-Dou Ker 32558
Chien-Cheng Tseng, Soo-Chang Pei 2D multiple notch filter design 1576
Chien-Cheng Tseng *see* Chao-Hao Lee 5510
Chien-Cheng Tseng *see* Soo-Chang Pei 11594
Chien-Cheng Tseng *see* Soo-Chang Pei 34732
Chien-Cheng Tung, Livingston, J.N. On the catastrophic property of ISI channels 34521
Chien-Cheng Tung *see* Livingston, J.N. 14780
Chien-Chiang Liu *see* Jiann-Shing Shieh 49756
Chien-Chien Chiu, Po-Tsun Liu TE-wave image reconstruction by genetic algorithm 56019
Chien-Chung Hung *see* Shiuh Chao 13245
Chien-Chung Shen *see* Post, M. 35591
Chien-Chung Tsai, Marek-Sadowska, M. Boolean functions classification via fixed polarity Reed-Muller forms 31178
Chien-Chung Yeh *see* Yih-Jyi Jeng 56563
Chien-Hsiu Huang *see* Shih-Chang Hsia 17065
Chien-Hsiung Lee *see* Chien-Yeh Chang 50726
Chien-Hua Lee New results for the bounds of the solution for the continuous Riccati and Lyapunov equations 10237
Chien-Kuo Chang *see* Chun-Li Hou 1161
Chien-Meen Hwang *see* Shen, D.H. 11569
Chien-Ming Wu *see* Gwo-Sheng Peng 48935
Chien-Nan Kuo, Houshmand, B., Itoh, T. Analysis of crosstalk in packaged microwave circuits 41431
Chien-Ning Yu *see* Ilic, M.D. 8773
Chien-Ping Lee *see* Chia-Ming Tsai 48007
Chien-Ping Lee *see* Gray Lin 14144
Chien-Ping Lee *see* Hsin-Han Tung 12421
Chien-Ping Lee *see* Hsin-Han Tung 58749
Chien-Ping Lee *see* Shun Tung Yen 33569
Chien-Ping Lee *see* Shun-Tung Yen 44567
Chien-Ping Wu *see* Chao-Wang Chen 18178
Chien-Ping Wu *see* Hsiao-Lung Chan 27584
Chien-Ping Wu *see* Hsiao-Lung Chan 49696
Chien-Wen Chiu, Ruey-Beei Wu Capacitance computation for CPW discontinuities with finite metallization thickness by hybrid finite-element method 56084
Chien-Ya Wang *see* Yen-Hsyang Chu 60056
Chien-Yeh Chang, Chien-Hsiung Lee, Tay-Jian Liu, Yen-Kuang Chan Experimental investigation of loss of feedwater with bleed and feed operation 50726
Chien-Yu Huang, Shyang Roeng Sheen Synthesis of nanocrystalline and monodispersed copper particles of uniform spherical shape 52838
Chien-Yun Dai *see* Dar-Chin Rau 47378
Chien-Yun Dai *see* Dar-Chin Rau 61120
Chieng, C.C. *see* Reiley, T.C. 3212
Chieng-Hsing Wu *see* Hsien-Sen Hung 25196
Chiesa, E. The standardization of variable speed drives 29725
Chiesa, E. *see* Brambilla, E. 9336
Chiesa, P. *see* Lozza, G. 29118
Chiesa, V. Human resource management issues in global R&D organisations: a case study 52078
Chiesa, V., Manzini, R. Managing knowledge transfer within multinational firms 30094
Chiesi, L. *see* Blanchard, H. 42908
Chieu Bin-Chang *see* Bin-Chang Chieu
Chigarev, N.V. *see* Laptev, G.D. 14064
Chigiri, T. Zero torque ripple and maximum efficiency control on brushless dc motor 60803
Chigiri, T., Shimada, T., Watanabe, T., Ichinokura, O., Jinzenji, T. Current control method for zero torque ripple and maximum efficiency of brushless DC motor 29341
Chignell, M., Keevil, B. Developing usable online information for a Web authoring tool 26146
Chignell, R.J. Ground penetrating radar–a sensor for mine detection 8609
Chigrinov, V. *see* Vorflusev, V. 44093
Chigusa, S. *see* Okubo, H. 54884
Chih Hong Eyoh, Liren Zhang Transmission of ATM cells over optical CDMA links 6757
Chih Lin Po *see* Po Chih Lin
Chih-Ang Chen, Gupta, S.K. Design of efficient BIST test pattern generators for delay testing 27406
Chih-Chiang Chang *see* Po-Rong Chang 16311
Chih-Chien Lin *see* Lin, A.T. 33349
Chih-Chien Liu *see* Kuan-Lun Cheng 21339
Chih-Chin Chen, Chein-Wei Jen A programmable concurrent video signal processor 53349
Chih-Chwen Chuang *see* Calzone, S. 35183
Chih-Feng Li *see* Shin-Yeu Lin 19055
Chih-Hao Chen *see* Kuznia, C.B. 33340
Chih-Ho Yu *see* Jianhua Yao 35010
Chih-Hsiang Lin, Yang, R.Q., Zhang, D., Murry, S.J., Pei, S.S., Allerman, A.A., Kurtz, S.R. Type-II interband quantum cascade laser at 3.8 μm 44547
Chih-Hsiang Lin *see* Yang, R.Q. 44293
Chih-Hsien Chou, Geraniotis, E. Comparison of source models for ATM switch performance evaluation under long-range dependent traffic 35447
Chih-Hsiu Wei, Chin-Shyurng Fahn A distributed approach to fuzzy clustering by genetic algorithms 40104
Chih-Hsun Chu *see* Tien Sheng Chao 32391
Chih-Hung Wu *see* Ding-Lan Shen 22909
Chih-Hung Wu *see* Ding-Lan Shen 43196
Chih-Ju Chou *see* I-Sheng Chou 38201
Chih-Lin I, Pollini, G.P., Gitlin, R.D. PCS mobility management using the reverse virtual call setup algorithm 36017
Chih-Lin I., Webb, C.A., III, Huang, H.C., ten Brink, S., Nanda, S., Gitlin, R.D. IS-95 enhancements for multimedia services 47369
Chih-Ming Ho *see* Gupta, B. 23056
Chih-Ming Ho *see* Ho Chih-Ming
Chih-Pao Lin *see* Ping-Hue Huang 38542
Chih-Peng Li, Haas, Z.J. Macrodiversity technique for improvement in BER in wireless systems 47800

Chih-Peng Li *see* Haas, Z.J. 47650
Chih-Ping Wei *see* Jen-Hwa Hu, P. 49371
Chih-Sheng Chang, Hung-Chun Chang Analysis of modal cutoffs of radially inhomogeneous two-core optical fibers by circular harmonics expansion method 13610
Chih-Sheng Chang *see* Minch, J. 55681
Chih-Sheng Chang *see* Chang Chih-Sheng
Chih-Shun Ding, Cheng-Ta Haieh, Qing Wu, Pedram, M. Stratified random sampling for power estimation 11124
Chih-Shun Ding *see* Cheng-Ta Hsieh 11125
Chih-Tang Sah *see* Carroll, M.S. 12908
Chih-Tang Sah *see* Neugroschel, A. 12890
Chih-Tang Sah *see* Neugroschel, A. 54605
Chih-Wei Chang, Hillman, G.R., Hao Ying, Kent, T.A., Yen, J. Automatic generation of membership functions for brain MR images 49482
Chih-Wei Hsu, Yang, C.C. Passive mode-locking of semiconductor lasers based on nonlinear directional coupling 3865
Chih-Wen Liu, Wu-Shun Jwo, Chun-Chang Liu, Ying-Tung Hsiao A past global optimization approach to VAr planning for the large scale electric power systems 50476
Chih-Wen Liu *see* I-Sheng Chou 38201
Chih-Wen Lu, Chung Len Lee, Jwu-E Chen A fast and sensitive built-in current sensor for IDDQ testing 20839
Chih-Yao Huang, Ming-Jer Chen, Jeng-Kuo Jeng, Ching-Yuan Wu Low-temperature characteristics of well-type guard rings in epitaxial CMOS 13120
Chih-Ying Lin *see* Tian-Hua Liu 9130
Chihara, H. *see* Kadoi, A. 29750
Chihara, K. Three-dimensional ultrasound and virtual reality system 7942
Chihara, K., Sekino, T., Sasaki, K. An application of photoconductive switch for high-speed testing 44235
Chihchiang Hua, Chinming Shen, Gengshing Peng Design of an input filter to suppress conducted EMI of a single phase UPS inverter 51148
Chihchiang Hua, Jong Rong Lin DSP-based controller application in battery storage of photovoltaic system 50855
Chii Horng Li *see* Kow Ming Chang 30889
Chii Wen Cheng *see* Kan Yuan Lee 54636
Chii-Horng Ii *see* Kow-Ming Chang 40566
Chii-Horng Li *see* Kow-Ming Chang 32179
Chii-Horng Li *see* Kow-Ming Chang 42509
Chii-Horng Li *see* Kow-Ming Chang 52765
Chii-Horng Li *see* Kow-Ming Chang 54514
Chii-Jeng Lin *see* Yuh-Hwan Liu 59487
Chii-Maw Uang, Wei-Feng Lin Photorefractive crystal-based IR optical modulation 23607
Chii-Wann Lin, Fu-Shan Jaw, Cheng-Yi Wang, Jyh-Jong Wei, Te-Son Kuo, Tsair Kao A quantitative artificial neural networks system for optical spectral signal processing 15235
Chii-Wen Chen *see* Kan-Yuan Lee 54290
Chii-Wen Chen *see* Kan-Yuan Lee 54644
Chijimatsu, T., Higashi, T., Tabata, Y., Ishiwata, N., Asai, S., Hanyu, I. Implementation of attenuated PSMs in DRAM production 2458
Chijo, H. *see* Okumura, K. 16527
Chik, K.P. *see* Lui, K.M. 30771
Chik Kin-Pong *see* Kin-Pong Chik
Chikaki, S. *see* Fujii, K. 42669
Chikaki, S. *see* Hayashi, Y. 2443
Chikaki, S. *see* Mikagi, K. 42667
Chikaki, S. *see* Ohto, K. 42666
Chikama, T. *see* Kinoshita, S. 44390
Chikama, T. *see* Miyata, H. 16724
Chikama, T. *see* Terahara, T. 48004
Chikami, R. *see* Tsuchiya, T. 29105
Chikara, S. *see* Spinelli, G. 35592
Chikara, S. *see* Spinelli, G. 46934
Chikaraishi, H. *see* Tanahashi, S. 60424
Chikarmane, V., Williamson, C.L., Bunt, R.B. Implementing mobile IP routing in 4.3 BSD Unix: a case study 46785
Chikawa, Y. *see* Isobe, Y. 17715
Chikawa, Y. *see* Tajima, N. 52218
Chikh, C. *see* Bhatnagar, P.S. 4391
Chikhani, A.Y. *see* Bouchard, D.E. 19299
Chikhani, A.Y. *see* Ng, H.N. 19298
Chikichev, S.I. $Cd_xHg_{1-x}Te$/.../Si heterostructures: yesterday, today, and tomorrow 31938
Chikichev, S.I. *see* Ksvitashev, K.K. 30780
Chikodikar, M.Y., Laddha, S., Sirasao, A. A technology mapper for Xilinx FPGAs 53215
Chil Choi Hyun *see* Hyun Chil Choi
Chil Hoon Doh *see* Tiehua Piao 61026
Chil Lee Sang *see* Sang Chil Lee
Childers, C.B. *see* Kinard, J.R. 27360
Childs, B. *see* Lalande, F. 349
Childs, J.F. The role of converters and their control in the recovery of wave and wind energy 9128
Childs, P.A. *see* Dyke, D.W. 12971
Chilet, S.S. *see* Civera, J.I. 1124
Chilet, S.S. *see* Diaz, C.S. 1126
Chilian, A., Tomescu, E., Grecu, L., Hintea, S. Methods of output limiting in hearing aids 18528
Chilingarov, A. *see* Ratoff, P.N. 28042
Chilingarov, A. *see* Sellin, P.J. 18095
Chilla, E. *see* Hesjedal, T. 28684
Chilla, E. *see* Hesjedal, T. 50239
Chilla, J.L.A., Rocca, J.J. Beam optics of gain guided soft X-ray lasers in cylindrical plasmas 3705
Chilla, J.L.A., Rocca, J.J. Beam optics of gain-guided soft-X-ray lasers in cylindrical plasmas 23744
Chilla, J.L.A. *see* Buccafusca, O. 23995
Chillet, D. *see* Sentieys, O. 31294
Chilo, J. *see* Delorme, N. 54512
Chilo, J. *see* Ndagijimana, F. 39812
Chilo, J. *see* Ndagijimana, F. 53663
Chilton, S.R. *see* Cosway, R.G. 30183
Chilukuri, R.K. *see* Sumakeris, J.J. 10802
Chiluvuri, V.K.R., Koren, I. Wire length and via reduction for yield enhancement 43217
Chim, W.K., Leang, S.E., Chan, D.S.H. Extraction of metal-oxide-semiconductor field-effect-transistor interface state and trapped charge spatial distributions using a physics-based algorithm 32395
Chimenti, D.E. *see* Thompson, D.O. *(editor)* 30020
Chimento, P.F. *see* Slingerland, A.M.R. 25909
Chimienti, A., Conti, M., Gregori, E., Lucenteforte, M., Picco, R. MPEG-2 variable bit rate coding algorithm: analysis and modeling 15644
Chimin Hu *see* Yang, J.W. 12341
Chimonidis, T. *see* Stivaros, C. 46297
Chimoon Han *see* DongGill Lee 47475
Chimoon Han *see* Young Boo Kim 16491
Chimoon Huang *see* Tahui Wang 2660
Chin, A., Liao, C.C., Tsai, C. $In_{0.52}Al_{0.48}As/InAs/In_xAl_{1-x}As$ pseudomorphic HEMT's on InP 41448
Chin, A.K. *see* Xuefei Tang 55677
Chin, B.-M., Cavalli, A.R., Macavei, T. Test generation from SDL and input/output finite state machines 46760
Chin, D.A., Chinthamreddy, S., Shay, L.K., Graber, H.C. The structure of ocean-surface currents measured by Doppler radar 50088
Chin, D.C. Comparative study of stochastic algorithms for system optimization based on gradient approximations 40154
Chin, D.C. Efficient identification procedure for inversion processing [magnetospheric imaging] 50046
Chin, D.K. *see* Johnson, S.C. 60006
Chin, F. *see* Sheng Zhong 25433
Chin, F. *see* Sheng Zhong 52328
Chin, F.P.S., Ko, C.C. Tracking of coherent broadband sources using adaptive directional filter with maximally flat responses at null directions 24919
Chin, G., Senesac, L.R., Blass, W.E., Hillman, J.J. Stabilizing lead-salt diode lasers: understanding and controlling chaotic frequency emission 23877
Chin, K.F. *see* Moroney, M.J., Jr. 50192
Chin, K.S. *see* Pun, K.F. 39696
Chin, M.A. *see* Brazel, E.G. 22255
Chin, M.A. *see* Rubin, M.E. 22345
Chin, M.A. *see* Rubin, M.E. 42139
Chin, M.K., Tang, X.Y. Quasi-stable soliton transmission in dispersion managed fiber links with lumped amplifiers 47976
Chin, M.K. *see* Tang, X.Y. 47977
Chin, R.T. *see* Hajj, H.M. 5329
Chin, R.T. *see* Hajj, H.M. 25598
Chin, S.C., Ying-Che Tseng, Woo, J.C.S. Parasitic bipolar turn-on of PD-SOI MOSFETs in dynamic logic circuits 21569
Chin, S.H., Lohrmann, U.H. Application of the higher order spectrum to machinery analysis 56449
Chin, S.L. *see* Brodeur, A. 55555
Chin, S.W. Fast analogue/digital converter for 2 megasample/sec speed 53366
Chin, S.W. *see* Mayes, M.K. 1625
Chin, S.W. *see* Mayes, M.K. 11537
Chin, S.W. *see* Mayes, M.K. 53460
Chin, T.P. *see* Briner, B.G. 2256
Chin, T.P. *see* Chen, E.H. 42065
Chin, T.P. *see* Chen, L. 54609
Chin, T.P. *see* Samavedam, S.B. 726
Chin, T.S. *see* Ching-Ming Lee 3038
Chin, Y.H. *see* Shintake, T. 49228
Chin, Y.H. *(editor)* Proceedings of the International Workshop on Collective Effects and Impendance for B-Factories (CEIBA95) (KEK Proc. 96-6) 39582
Chin Chang Current ripple bounds of interleaved power converters 1131
Chin Chia-Pin *see* Chia-Pin Chin
Chin Chou Lim *see* Fukae, K. 39161
Chin Fai Wong, Fine, T.L. Blind signal processing: adaptive blind equalization using artificial neural networks 34750
Chin Huang Kou *see* Kou Chin Huang
Chin Le-Pond *see* Le-Pond Chin
Chin Ooi Beng *see* Beng Chin Ooi
Chin Soon Teoh, Davis, L.E. A coupled pendula system as an analogy to coupled transmission lines 14650
Chin Teng Seng *see* Teng Seng Chin
Chin Yong Ho *see* Yong Ho Chin
Chin Young Lee *see* Sang-Moon Lee 55960
Chin Yung-Lung *see* Yung-Lung Chin
Chin-Chang Chang *see* Shun-Hsyung Chang 25210
Chin-Chen Chang, Hui-Min Tsai A generalized secret sharing scheme 45544
Chin-Chen Chang, Ruey-Feng Chang, Wen-Tsai Lee, Ching-Lin Kuo A fast search algorithm for vector quantization 15695
Chin-Chen Chang, Wen-Bin Wu A secure voting system on a public network 47053
Chin-Chen Chang *see* Tzonelih Hwang 6224
Chin-Chen Chang *see* Wei-Bin Lee 14858
Chin-Chi Teng *see* Hill, A.M. 1287
Chin-Chi Teng *see* Li-Pen Yuan 13123
Chin-Chi Teng *see* Yi-Kan Cheng 13132
Chin-Chuan *see* Huei-Fen Jiang 5646
Chin-Chuan Cheng *see* Der-Feng Guo 13056
Chin-Chuan Han, Kuo-Chin Fan Finding of optimal binary morphological erosion filter via greedy and branch and bound searching 15846
Chin-Chuan Han, Kuo-Chin Fan Finding of optimal morphological erosion filter by greedy and constraint searching algorithms 35055
Chin-Chun Meng, C. *see* Yo-Sheng Lin 43010
Chin-E Lin, Ming-Tsung Tsai, Wen-Inne Tsai, Ching-Lien Huang Consumption power feedback unit for power electronics burn-in test 40899
Chin-E Lin *see* Ching-Lien Huang 50857
Chin-Feng Fan, Swu Yih Frame-based safety analysis approach for decision-based errors 52368
Chin-Fong Chiu, Chung-Yu Wu The design of rotation-invariant pattern recognition using the silicon retina 46300
Chin-Fong Chiu, Chung-Yu Wu CMOS rotation-invariant pattern recognition system 53335
Chin-Fu Ku *see* Sun, Y.S. 57826
Chin-Hsing Chen *see* Jiann-Shu Lee 25562
Chin-Hsing Chen *see* Te-Ming Tu 28679
Chin-Hui Lee *see* Biing-Hwang Juang 56370
Chin-Hui Lee *see* Kuansan Wang 25512
Chin-Hui Lee *see* Qiang Huo 15091
Chin-Hui Lee *see* Qiang Huo 34696
Chin-Hui Lee *see* Rahim, M.G. 24881
Chin-Hui Lee *see* Rahim, M.G. 45705
Chin-Hui Lee *see* Sukkar, R.A. 14870
Chin-Hui Lee *see* Sukkar, R.A. 15048
Chin-Hwa Kuo *see* Shih, T.K. 26361
Chin-Laung Lei *see* Wen-Shenq Juang 35496
Chin-Liang Wang *see* Jah-Ming Hsu 21784
Chin-Liang Wang *see* Jyh-Huei Guo 1440
Chin-Liang Wang *see* Terence Wang 4440
Chin-Liang Wang *see* Yu-Tai Chang 1453
Chin-Lin Chen *see* Vaziri, M. 43948
Chin-Long Wey On design of efficient square generator 1252
Chin-Long Wey *see* Cheng-Ping Wang 1626
Chin-Long Wey *see* Cheng-Ping Wang 53469
Chin-Long Wey *see* Renyuan Huang 11616
Chin-Lun Lai *see* Soo-Chang Pei 57150
Chin-Ming Hong *see* Dar-Chin Rau 61120
Chin-Shyurng Fahn *see* Chih-Hsiu Wei 40104
Chin-Tan Lea *see* Li-Chun Wang 6549
Chin-Tau Lea *see* Kai-Wei Ke 6268
Chin-Tu Chen *see* Jie Feng 5581
Chin-Tu Chen *see* Remin Lin 5061
Chin-Tu Chen *see* Remin Lin 49528
Chin-Tu Chen *see* Shih, W.-S.V. 8043
Chin-Tun Wang *see* Wang Chin-Tun
Chin-Wen Liao *see* Dar-Chin Rau 61120
Chin-Yang Chen, Jenn-Gwo Hwu Effect of postoxidation annealing on the reliability of rapid thermal thin gate oxides 12625
Chin-Yen Cheng *see* Jow-Tsong Shy 13977
Chin-Yu Tsai, Arch, J., Efland, T., Erdeljac, J., Hutter, L., Mitros, J., Yang, J.-Y., Yuan, H.-T. Optimized 25 V, 0.34 $m\Omega \cdot cm^2$ very-thin-RESURF (VTR), drain extended IGFETs in a compressed BiCMOS process 43347
Chin-yu Tsai, Burk, D.E., Ngo, K.D.T. Physical modeling of the power VDMOST for computer-aided design of integrated circuit 32560
Chinatti, S. *see* Wolf, W. 6388
Chinchuan Cheng *see* Cheng Chinchuan
Chindalore, G., Hareland, S.A., Jallepalli, S.A., Tasch, A.F., Maziar, C.M., Chia, V.K.F., Smith, S. Experimental determination of threshold voltage shifts due to quantum mechanical effects in MOS electron and hole inversion layers 54647
Chindalore, G. *see* McKeon, J.B. 54646
Chindris, M., Colosi, T. A variant for numerical simulation of a high-frequency converter with voltage-fed inverter 29875
Chindris, M., Stefanescu, S. Switched-mode power supplies using a new series resonant inverter topology 9333
Chindris, M., Stefanescu, S. A new zero-current-switching series resonant inverter topology 51368
Chindris, M., Stefanescu, S., Radulescu, M.M. Modeling and simulation of a resonant inverter-fed travelling-wave ultrasonic motor 60822
Chines, F. *see* Ciavola, G. 49152
Ching, J.K. *see* Nelson, C.S. 30064
Ching, P.C. *see* So, H.C. 4733
Ching, P.C. *see* Wan, K.F. 34734
Ching, P.C. *see* Wu, S.Q. 34913
Ching, P.C. *see* Zhenli Yu 14938
Ching, T., Newall, P., Wigney, D. Frequency response and gain requirements of severely and profoundly hearing impaired children 49789
Ching, T.W. *see* Chau, K.T. 51656
Ching Chang Chi *see* Chi Ching Chang
Ching Chuan Kuo *see* Ming Ying Kuo 60347
Ching Chyr Wang *see* Weidong Zhu 23173
Ching Kwong Kwok *see* Au, G. 47243
Ching Liao *see* Kuo, C.J. 25393
Ching Yao Huang, Daut, D.G. Evaluation of capacity for CDMA systems on frequency-selective fading channels 46672
Ching Yu He *see* He Ching Yu

Ching-Chao Yang, Chein-Wei Jen, Tian-Sheuan Chang The IC design of a high speed RSA processor 53388
Ching-Cheng Teng *see* Ching-Wen Ma 45836
Ching-Cheng Wang, Chuan-Chung Chen Low-cost subpixel detection method for phase drift of camera/grabber signal conversion 25306
Ching-Cherng Sun, Ren-Han Tsou, Jenq-Yang Chang, Ming-Wen Chang, Shinn-Fwu Wang Sensing dynamic phase perturbation by self-interference of a photorefractive interferometer 24274
Ching-Cherng Sun *see* Hsin-Hua Chang 33653
Ching-Cherng Sun *see* Ren-Han Tsou 23452
Ching-Chih Han *see* Hung-Ying Tyan 26764
Ching-Chuan Su *see* Jenn-Ming Guan 41511
Ching-Chun Fu, Hsiao-Fan Wang Operations strategies for scheduling problems in project management 20798
Ching-Chung Li *see* Fu-Chiang Tsui 4420
Ching-Chyuan Lin *see* Tzuang, C.-K.C. 34317
Ching-Fa Yeh, Tai-Ju Chen, Jiann-Shiun Kao Physical characteristics of N_2 annealing on room-temperature-deposited ion plating oxide 42358
Ching-Fa Yeh *see* Ching-Lin Fan 12946
Ching-Fuh Lin Mode locking of semiconductor lasers in a coupled-cavity configuration with a strongly coupled empty auxiliary cavity 33473
Ching-Fuh Lin, Bor-Lin Lee, Po-Chien Lin Broadband superluminescent diodes fabricated on a substrate with asymmetric dual quantum wells 3624
Ching-Fuh Lin, Pei-Cheng Ku, Yu-Li Hsueh, Chaur-Shiuann Juang Optical switching in two-mode semiconductor lasers via gain or loss modulation 55657
Ching-Fuh Lin *see* Pei-Cheng Ku 23879
Ching-Hsiang Hsu, C. *see* Shih-Jye Shen 41165
Ching-Hsiang Hsu, C. *see* Wein-Town Sun 42382
Ching-Hsiang Shih *see* Ching-Hsing Luo 8160
Ching-Hsiang Tseng Estimation of second-order harmonic and intermodulation distortions using higher order spectra 45813
Ching-Hsiang Tseng A mixed-domain method for identification of quadratically nonlinear systems 45945
Ching-Hsien Chang *see* Yu-Tai Chang 1453
Ching-Hsing Luo, Ching-Hsiang Shih, Ching-Tang Shih Chinese Morse Code communication auxiliary system for the disabled 8160
Ching-Hsing Luo, Jyh-Liang Chang, Chun-Nan Lin, Fong-Rong Liu Automatic microcomputer measuring system for neonatal daily respiratory air contents 7855
Ching-Hsue Cheng Evaluating naval tactical missile systems by fuzzy AHP based on the grade value of membership function 19035
Ching-Hua Su *see* Yi-Gao Sha 41907
Ching-Huang Wang, Tzung-Pei Hong, Shian-Shyong Tseng Self-integrating knowledge-based brain tumor diagnostic system 18229
Ching-Hui Chen, Yu, D.G., Hu, E.L., Petroff, P.M. Photoluminescence studies on radiation enhanced diffusion of dry-etch damage in GaAs and InP materials 22568
Ching-Hui Chen *see* Hu, E.L. 42493
Ching-Hui Chen *see* Ko, J. 55608
Ching-Ian Chao, Kuen-Ru Chuang, Show-An Chen Failure phenomena and mechanisms of polymeric light-emitting diodes: indium-tin-oxide damage 13863
Ching-Jone Wang *see* Chun-Yueh Huang 1286
Ching-Jung Liao *see* Liao Ching-Jung
Ching-Liang Su, Lursinsap, C. Face recognition by feature orientation and feature geometry matching 5611
Ching-Lien Huang, Ming-Tsung Tsai, Chin-E Lin, Cheng-Ming Yuan A load management system using photovoltaic and battery energy storage 50857
Ching-Lien Huang *see* Chao-Ming Huang 50402
Ching-Lien Huang *see* Chin-E Lin 40899
Ching-Lien Huang *see* Hong-Tzer Yang 60531
Ching-Lien Huang *see* Shyh-Jier Huang 19252
Ching-Lien Huang *see* Shyh-Jier Huang 28849
Ching-Lien Huang *see* Shyh-Jier-Huang 60530
Ching-Lien Huang *see* Yann-Chang Huang 19288
Ching-Lien Huang *see* Yann-Chang Huang 50651
Ching-Lien Huang *see* Yann-Chang Huang 51077
Ching-Lien Huang *see* Yann-Chang Huang 51090
Ching-Lin Fan, Ching-Fa Yeh, Hsiung-Kuang Tsai, Water Lur, Po-Wen Yen Low temperature processed poly-Si thin-film transistors with thinner LPD-SiO_2 as gate insulator and its reliability 12946
Ching-Lin Kuo *see* Chin-Chen Chang 15695
Ching-Long Su, Despain, A.M. Cache design tradeoffs for power and performance optimization: a case study 21683
Ching-Long Su *see* Yin-Tsung Hwang 31285
Ching-Long Sue *see* Yin-Tsung Hwang 1618
Ching-Long Tsai, Way-Seen Wang An improved multigrid technique for quasi-TEM analysis of a microstrip embedded in an inhomogeneous anisotropic medium 56104
Ching-Lung Chang, Chen, S.-T., Yuan-Sun Chu, Chen, K.-J. VLSI design of the reassembly management for ATM/AAL 16329
Ching-Mei Yang *see* Canoglu, E. 12407
Ching-Min Cheng *see* Soo-Chang Pei 5162
Ching-Ming Lee, Ching-Ray Chang, Jyh-Shinn Yang, Chin, T.S. High energy product of surface modified soft-phase magnets 3038
Ching-Mo Wu *see* Wu Ching-Mo
Ching-Ray Chang *see* Ching-Ming Lee 3038
Ching-Shan Leu A novel forward configuration for off-line applications: two-switch built-in input filter forward converter (2SBIFFC) 51119
Ching-Tang Chang, Chung-Tze Chang, Huang-Lin Yang, Hwai-Tsu Chang Real-time implementation of speech recognition using RISC processor core 11504
Ching-Tang Hsieh, Mu-Chun Su, Ching-Tar Tseng A Mandarin digits recognition system based on a novel class of hyperrectangular composite neural networks 15024
Ching-Tang Shih *see* Ching-Hsing Luo 8160
Ching-Tar Tseng *see* Ching-Tang Hsieh 15024
Ching-Tien Ho *see* Bruck, J. 25974
Ching-Ting Lee, How-Chiang Lee, Lih-Gen Sheu The reduction of harmonic and intermodulation distortions with a cascaded Mach-Zehnder modulator 13699
Ching-Ting Lee, Hung-Pin Shiao, Nien-Tze Yeh, Chang-Da Tsai, Yen-Tang Lyu, Yuan-Kuang Tu Thermal reliability and characterization of InGaP Schottky contact with Ti/Pt/Au metals 22427
Ching-Ting Lee, Ming-Yuan Yeh, Chang-Da Tsai, Yen-Tang Lyu Low resistance bilayer Nd/Al ohmic contacts on n-type GaN 54264
Ching-Ting Lee, Mount-Learn Wu, Lih-Gen Sheu, Ping-Lin Fan, Jui-Ming Hsu Design and analysis of completely adiabatic tapered waveguides by conformal mapping 33076
Ching-Ting Lee *see* Chang-Da Tsai 58753
Ching-Ting Lee *see* Chuang, Z.M. 23919
Ching-Ting Lee *see* Hung-Yu Wang 41317
Ching-Ting Lee *see* Jui-Ming Hsu 34150
Ching-Ting Lee *see* Mount-Learn Wu 3426
Ching-Ting Lee *see* Mount-Learn Wu 24534
Ching-Tu Chen *see* Remin Lin 5056
Ching-Wen Hsue, Te-Wen Pan Reconstruction of nonuniform transmission lines from time-domain reflectometry 24511
Ching-Wen Ma, Ching-Cheng Teng Near-field direction finding with a fuzzy neural network 45836
Ching-Wen Yang, Pau-Choo Chung, Chein-I Chang Hierarchical fast two-dimensional entropic thresholding algorithm using a histogram pyramid 15972
Ching-Wen Yang, Pau-Choo Chung, San-Kan Lee, Chein-I Chang, Chia-Hsien Wen, Ling-Yang Kung An image capture and communication system for emergency computed tomography 28484
Ching-Yao Chan Integration of sensor technologies for intelligent occupant restraint systems in automobiles 58735
Ching-Yi Wang *see* Chong Xu 21806
Ching-Yi Wang *see* Yun-Nan Chang 4797
Ching-Yih Tseng A multiple-exchange algorithm for complex Chebyshev approximation by polynomials on the unit circle 578
Ching-Yin Lee *see* Lee Ching-Yin
Ching-Yuan Chen *see* Parry, C.K. 59843
Ching-Yuan Wu *see* Chih-Yao Huang 13120
Ching-Yuan Wu *see* Hsin-Hsien Li 2626
Ching-Yuan Wu *see* Hsin-Hsien Li 54638
Ching-Yuan Wu *see* Yuh-Sheng Jean 32411
Ching-Yuan Yang *see* Shen-Iuan Liu 11558
Ching-Yue Wang, Weili Zhang, Lee, K.F., Yoo, K.M. Pulse splitting in a self-mode-locked Ti:sapphire laser 55551
Ching-Zhi Yu *see* Yu Ching-Zhi
Chingfa Yeh *see* Yeh Chingfa
Chinghua Su *see* Su Chinghua
Chinglung Chen, Alexopoulos, N.G. Arbitrarily-shaped slot-coupled microstrips and their applications in microwave integrated circuits and antennas 21889
Chinglung Chen, Ming-Ju Tsai, Alexopoulos, N.G. Optimization of aperture transitions for multiport microstrip circuits 21881
Chinglung Chen, Ming-Ju Tsai, Alexopoulos, N.G. Microstrip line fed slot, slot-coupled patch antennas, and mutual coupling study in array applications 34388
Chinglung Chen *see* Ming-Ju Tsai 21967
Chinglung Chen *see* Ming-Ju Tsai 34389
Chingming Lee *see* Lee Chingming
Chingming Zhu *see* Zhu Chingming
Chingray Chang *see* Chang Chingray
Chingson Chen, Tian Sheuan Chang, Chein-Wei Jen The IDCT processor on the adder-based distributed arithmetic 1472
Chingting Lee *see* Lee Chingting
Chingyue Wang *see* Wang Chingyue
Chinh Dang Effect of the interfacial pressure and electrode gap on the breakdown strength of various dielectric interfaces [in underground power cables] 19355
Chinlon Lin, Keang-Po Ho, Hongxing Dai Hybrid WDM systems for video trunking applications 58324
Chinlon Lin *see* Hongxing Dai 16704
Chinlon Lin *see* Hongxing Dai 36086
Chinlon Lin *see* Keang-Po Ho 36157
Chinlon Lin *see* Keang-Po Ho 47969
Chinlon Lin *see* Ovadia, S. 16757
Chinming Shen *see* Chihchiang Hua 51148
Chinn, D. *see* Liess, M. 42982
Chinn, G., Sung-Cheng Huang A general class of preconditioners for statistical iterative reconstruction of emission computed tomography 28210
Chinn, J.D., Buseck, D., Lill, T., Padmapani, N., Price, J.B., Burrows, R., Rooein, M. Influences on film selectivities in the etching of polycide gates 54486
Chinn, R. As the world roams [cellular radio] 58164
Chinn, S. *see* Hughes, S.W. 49574
Chinn, S.R. Analysis of counter-pumped small-signal fibre Raman amplifiers 44395
Chinn, S.R., Swanson, E.A. Multilayer optical storage using low-coherence reflectometry 3332
Chinn, S.R., Swanson, E.A. Multi-layer optical readout using direct or interferometric detection and broad-bandwidth light sources 23466
Chinn, S.R., Swanson, E.A., Fujimoto, J.G. Optical coherence tomography using a frequency-tunable optical source 59045
Chinn, S.R. *see* Swanson, E.A. 18246
Chino, T. *see* Yoshida, T. 16795
Chino, Y. *see* Matsuzawa, H. 7725
Chinosi, M. *see* Kramer, A. 21831
Chinowsky, T.M., Saban, S.B., Yee, S.S. Experimental data from a trace metal sensor combining surface plasmon resonance with anodic stripping voltammetry 27966
Chintaluri, G.M. *see* Anderson, P.M. 60436
Chinthamreddy, S. *see* Chin, D.A. 50088
Chinveeraphan, S., Takamatsu, R., Sato, M. A hierarchical description of digital grayscale images based on image dipoles 5377
Chinveeraphan, S. *see* Sato, M. 5001
Chio, E.Di *see* Di Chio, E.
Chiodi, G. *see* Berkovski, A.G. 12123
Chiodo, M. *see* Passerone, C. 41226
Chioffi, E. *see* Brattoli, M. 25769
Chiorboli, G., Franco, G., Morandi, C. Requirements for a correct estimation of A/D converter signal-to-noise ratio in dynamic conditions 1530
Chiorboli, G., Franco, G., Morandi, C. Uncertainties in quantization-noise estimates for analog-to-digital converters 27438
Chiossi, C. *see* Nava, F. 59213
Chiotis, T. Traffic management: resource estimation and allocation using effective bandwidths 35580
Chiou, A., Hong, J., McMichael, I. Characterization of a spatial and angular multiplexed volume holographic memory in terms of M/ 23454
Chiou, A.E. *see* Motamedi, M.E. 54856
Chiou, G.I., Jenq-Neng Hwang Lipreading from color motion video 24820
Chiou, H.-B., Tsai, Z. Performance analysis of two rate-based window flow control schemes for ATM LAN 47174
Chiou, L., Mahoney, K.M., Kornegay, K.T., Weiner, A.M. Design of an ultrafast optical processing chip 3672
Chiou, W.K. *see* Lee, M.Y. 18491
Chiou Dah-Chuan *see* Dah-Chuan Chiou
Chiou Gong-Shing *see* Gong-Shing Chiou
Chiou Herng-Der *see* Herng-Der Chiou
Chiou Hwann-Kaeo *see* Hwann-Kaeo Chiou
Chiou Meng-Shi *see* Meng-Shi Chiou
Chiou Shean-Guang *see* Shean-Guang Chiou
Chiou Tian-Ji A method for calculating the bus momentary duty and interrupting capacity of industrial distribution systems based on bus inverse complex power matrix 61357
Chiou-Fen Shieh Polarized correlation between three-component seismograms 18785
Chiou-Ming Tsai *see* Jiun Shiu 30152
Chiou-Shann Fuh *see* Shih-Schon Lin 5312
Chiou-Ting Hsu, Ja-Ling Wu Multiresolution mosaic 15950
Chioupek, J. *see* Carlson, A. 38610
Chipa, A.A. *see* Baums, A.K. 31301
Chipara, M.D. *see* Chipara, M.I. 40684
Chipara, M.D. *see* Romero, J.R. 43544
Chipara, M.I., Chipara, M.D., Reyes Romero, J. Polymer degradation within the glass transition range 40684
Chipara, M.I. *see* Romero, J.R. 43544
Chipaux, R. *see* Alexeev, G. 59200
Chipaux, R. *see* Auffray, E. 37281
Chiper, D.-F. A new systolic array algorithm for inverse discrete cosine transform with high throughput rate 1237
Chiper, D.-F. Novel systolic array design for discrete cosine transform with high throughput rate 1456
Chiper, D.-F. A new systolic array algorithm for memory-based VLSI array implementation of IDCT with high throughput rate and low complexity 41256
Chiper, D.-F., Munteanu, V. A new design approach to VLSI parallel implementation of discrete Hartley transform 1452
Chiping Chen *see* Chen Chiping
Chipman, H.A., Kolaczyk, E.D., McCulloch, R.E. Signal de-noising using adaptive Bayesian wavelet shrinkage 34937
Chipman, R.A. *see* Somsin, E.A. 55311
Chipperfield, M.P. *see* de Valk, J.P.J.M.M. 60039
Chippington, G.R., Molyneux, J., Mitcham, A.J., Cullen, J.J.A. Electric propulsion in large warships 29811

Chir-Ho Chang, Hsien-Hui Tseng, Bor-Yao Huang Noise immunization of a neural fuzzy intelligent recognition system by the use of feature and rule extraction technique 46201
Chir-Weei Chang, Sien Chi Passive mode-locking through nonlinear polarization rotation in low-birefringence fibers 23788
Chirarattananon, S., Limmechokchai, B. Daylighting potential in Thailand 61317
Chirarattananon, S., Liu Bing, Nguyen Hung Quoc, Tian Wei Improving air-conditioning and saving electricity in the spinning industry 29917
Chirco, P., Zanarini, M., Caroli, E., Donati, A., Dusi, W., Stephen, J.B., DiCocco, G. Comparative evaluation of the temperature dependence of different noise sources in CdTe detectors 37316
Chirco, P. *see* Ramunno, G. 37332
Chirco, P. *see* Rossi, M. 31003
Chiriac, H., Barariu, F., Nagacevschi, V. Thermoelectromotive force in magnetic amorphous-crystalline $Fe_{79}Si_8B_{16}$ wire systems 23306
Chiriac, H., Hristoforou, E., Neagu, M., Darie, I., Barariu, F. Dependence of the sound velocity in $Fe_{77.5}Si_{7.5}B_{15}$ amorphous wires on the magnetic bias field 3142
Chiriac, H., Ovari, T.A., Pop, G. Magnetic behavior of glass-covered amorphous wires 3088
Chiriac, H., Ovari, T.A., Pop, Gh., Barariu, F. Effect of glass removal on the magnetic behavior of FeSiB glass-covered wires 32799
Chiriac, H. *see* Hristoforou, E. 3036
Chiriac, H. *see* Hristoforou, E. 3254
Chiriac, H. *see* Hristoforou, E. 17302
Chiriac, H. *see* Macoviciuc, M. 17298
Chiricozzi, E., Parasiliti, F., Tursini, M., Zhang, D.Q. Implementation of a fuzzy self-tuning controller for electrical drives 61156
Chiricozzi, E. *see* Higuchi, T. 50957
Chiricozzi, E. *see* Testa, L. 48444
Chirikov, B.V. Anomalous diffusion in a microtron and critical structure at the chaos boundary 37063
Chiriotti, N. *see* Ils, P. 44580
Chirkova, E.G. *see* Altukhov, I.V. 22198
Chiroi, F. *see* Guillaume, B. 41522
Chirovsky, L.M.F. *see* Chan, K.K. 32996
Chirovsky, L.M.F. *see* Goossen, K.W. 16494
Chirovsky, L.M.F. *see* Goossen, K.W. 33324
Chirovsky, L.M.F. *see* Lentine, A.L. 3660
Chirovsky, L.M.F. *see* Lentine, A.L. 33316
Chirovsky, L.M.F. *see* Woodward, T.K. 3663
Chiruta, M., Slanina, M., Duca, M. On the filtration of fine aerosol particles by a dual-wire fibre filter 44980
Chisci, L. *see* Bollini, P. 6874
Chisen-Lin, Guoching-Xu Numerical diffraction coefficients of multiple layer dielectrics coated conducting strip and study of its scattering properties 33942
Chisholm, J.P., Richards-Evensen, A. The intelligent metropolitan area transportation system (IMATS) 39303
Chisholm, M. *see* Pantelides, S.T. 42407
Chisholm, M.F. *see* Christen, H.-M. 52682
Chisholm, M.F. *see* Maiti, A. 22212
Chisholm, T., Wallman, B.A., Haoning Liu, Munro, E., Rouse, J., Xiequing Zhu Improved resolution in field-emission lithography machines 32333
Chisholm, W.A., Ringler, K.G., Erven, C.C., Green, M.A., Melo, O., Tam, Y., Nigol, O., Kuffel, J., Boyer, A., Pavasars, I.K., Macedo, F.X., Sabiston, J.K., Caputo, R.B. The cold-fog test [for outdoor insulators] 8927
Chistov, R. *see* Balagura, V. 37222
Chistyakov, S.O. *see* Prokof'ev, A.E. 43930
Chistyakov, V.A. *see* Dolgikh, I.I. 59069
Chitale, S.M., Huang, C.Y.D., Stein, S.J., Raesner, D. ESD susceptibility of high gauge factor thick film piezoresistors 53703
Chiti, M. *see* Angelone, M. 8189
Chitica, N. *see* De Cesare, G. 832
Chitica, N. *see* Ferrari, A. 42504
Chitrapu, P. *see* Wei Lin 15407
Chitre, D.M. *see* Miller, S.P. 47887
Chittibabu, K.G. *see* Sang-Don Jung 55465
Chittka, U., Postma, P., Schlager, W. Electrodes for gas discharge lamps 41732
Chittock, R.S., Cooper, J., Wharton, C.W., Berovic, N., Parkinson, N.S., Jackson, J.B., Beynon, T.D. Micrometre-scale bioluminescent enzyme photopatterning for bioelectronics applications 31640
Chittofrati, A. *see* Grazia Giri, M. 23231
Chittur, K.K. *see* Dasarathy, K.B. 37594
Chiu, A.L., Gallager, R.G. Full utilization, fairness and bounded access delay on high speed bus networks 57660
Chiu, C., Wing Hui, Tiong Jiu Ding, McCanny, J.V. A 64-point Fourier transform chip for video motion compensation using phase correlation 1449
Chiu, C.-Y. *see* Lo, C.-C. 46589
Chiu, D.M. Photothermopower of amorphous semiconductors [thermophotovoltaics] 20084
Chiu, D.S. *see* Wong, C.K.H. 33236
Chiu, H.T. *see* Sun, S.C. 2436
Chiu, R. *see* Flores, B.C. 6960
Chiu, S., Papachristou, C.A., Fu, C. A scan path selection method for RTL and mixed level circuits 11289
Chiu, S.Y. *see* Cox, L.A., Jr. 39916
Chiu, S.Y. *see* Xu, J. 5894
Chiu, T. *see* Hundt, M. 20918
Chiu, T.H. *see* Canoglu, E. 12407
Chiu, W.K., Heller, M., Jones, R. Determination of the stress components of an array of piezoelectric sensors: a numerical study 58682
Chiu, W.K. *see* Jones, R. 18600
Chiu, W.M., Chan, K.W. Piezoelectric micro-positioning of an active error-compensatory boring bar for variable depths of cut 32763
Chiu, Y., Stancil, D.D., Schlesinger, T.E., Risk, W.P. Electro-optic beam scanner in $KTiOPO_4$ 3467
Chiu, Y.-M., Chen, L.-G., Lee, Y.-P., Ku, C.-W. A 3-step search motion estimation chip for MPEG-2 applications 17234
Chiu, Y.M., Yeung, K.H. Partial video sequence caching scheme for VOD systems with heterogeneous clients 58553
Chiu Chan, C. *see* Yoon, C.J. 60153
Chiu Cheng-Nan *see* Cheng-Nan Chiu
Chiu Chien-Chien *see* Chien-Chien Chiu
Chiu Chien-Wen *see* Chien-Wen Chiu
Chiu Chin-Fong *see* Chin-Fong Chiu
Chiu Chuang-Chen *see* Chuang-Chen Chiu
Chiu Chun-Jung *see* Chun-Jung Chiu
Chiu Chung-Cheng *see* Chung-Cheng Chiu
Chiu Haw-Yen *see* Haw-Yen Chiu
Chiu Jui-Man *see* Jui-Man Chiu
Chiu Jul-Man *see* Jul-Man Chiu
Chiu Mao-Ching *see* Mao-Ching Chiu
Chiu Re-Long *see* Re-Long Chiu
Chiu Sheng-Lyin *see* Sheng-Lyin Chiu
Chiu Tristan *see* Tristan Chiu
Chiu Tsenchieh *see* Tsenchieh Chiu
Chiu Wen-Yuh *see* Wen-Yuh Chiu
Chiu You-Ming *see* You-Ming Chiu
Chiu-Feng Lin *see* LeBlanc, D.J. 4984
Chiu-Feng Lin *see* LeBlanc, D.J. 20206
Chiu-Mien Chi An isothermal method for coaxial microcalorimeter 27300
Chiu-Sing Choy *see* Tin-Chak-Johnson Pang 53152
Chiu-Sing Choy *see* Yuk-Wah Pang 41107
Chiu-Yu Tseng *see* Yumin Lee 24840
Chiueh, T., Ballman, A. Performance optimization of Internet firewalls 47075
Chiueh, T., Chang, C.-C. Broadcast trivial file transfer protocol 46736
Chiueh, T., Lin, L. Performance optimization of a network game 47074
Chiueh Tzi-Cker *see* Tzi-Cker Chiueh
Chiueh Tzi-Dar *see* Tzi-Dar Chiueh
Chiun Yu Mo *see* Mo Chiun Yu
Chiun-Hong Chien *see* Smith, P.W. 35051
Chiung-San Lee High-fair bus arbiter for multiprocessors 26235
Chiung-Sheng Wu *see* Chen-Lung Kuo 58911
Chiung-Sheng Wu *see* Shin-Tson Wu 3477
Chiung-Shien Wu, Gin-Kou Ma, Bao Shuh P. Lin Optimization of downstream delivery on a CATV network 7077
Chiung-Shien Wu, Gin-Kou Ma, Lin, B.-S.P. On scalable design of an ATM-based video server 7067
Chiung-Shien Wu, Gin-Kou Ma, Lin, B.-S.P. A scalable architecture for video-on-demand servers 17059
Chiung-Shien Wu, Gin-Kou Ma, Lin, B.-S.P. Extended baseline architecture for nonblocking photonic switching 58083
Chiung-Wei Lin *see* Chun-Yen Chang 12938
Chiung-Yi Huang The introduction of flexible AC transmission system 50508
Chiung-Yi Huang *see* Huang Chiung-Yi
Chiurlotto, F. *see* Dainelli, A. 49138
Chiurlotto, F. *see* Lombardi, A. 37117
Chiurlotto, F. *see* Porcellato, A.M. 49142
Chiussi, F.M., Ye Xia, Kumar, V.P. Performance of shared-memory switches under multicast bursty traffic 57558
Chiussi, F.M. *see* Muddu, S. 5717
Chiussi, S., Gonzalez, P., Serra, J., Leon, B., Perez-Amor, M. Amorphous germanium layers prepared by UV-photo-induced chemical vapour deposition 900
Chiussi, S. *see* Larciprete, R. 800
Chiussi, S. *see* Redondas, X. 2075
Chive, M. *see* Michel, C. 37855
Chivers, D. *see* Goddard, B.J. 27983
Chivikov, S. *see* Barsukov, V. 9507
Chivukula, R. *see* Butner, S.E. 16503
ChiWei Che, Qiguang Lin, Dong-Suk Yuk An HMM approach to text-prompted speaker verification 15083
ChiWei Che *see* Dong-Suk Yuk 34638
Chiwen Liu *see* Liu Chiwen
Chiyi Jin, Kubichek, R. Vector quantization techniques for output-based objective speech quality 15043
Chiyokura, H. *see* Konno, K. 10442
Chiyu Wang *see* Wang Chiyu
Chizeck, H.J. *see* Valcke, C.P. 37606
Chizhevsky, V.N., Corbalan, R. Experimental observation of perturbation-induced intermittency in the dynamics of a loss-modulated CO_2 laser 23725
Chizhevsky, V.N., Corbalan, R., Pisarchik, A.N. Phase-dependent scaling law for signal amplification and squeezing near period-doubling bifurcation in a CO_2 laser 44366
Chizhevsky, V.N., Grigorieva, E.V., Kashchenko, S.A. Optimal timing for targeting periodic orbits in a loss-driven CO_2 laser 13963
Chizhevsky, V.N. *see* Pisarchik, A.N. 55484
Chizhik, S.P. *see* Pavlov, A.P. 29539
Chizhikov, V.S. *see* Buinovskii, A.S. 3241
Chizhov, S.A. *see* Badziak, J. 23837
Chizhov, S.A. *see* Mazurenko, Y.T. 4086
Chizhov, V.V. *see* Yushchenko, A.G. 27834
Chkhenkeli, G. *see* Freedman, A. 26972
Chlamtac, I., Elek, V., Fumagalli, A., Szabo, C. A scalable optical network based on folded bus architecture 47999
Chlamtac, I., Farago, A., Hongbiao Zhang A fundamental relationship between fairness and optimum throughput in TDMA protocols 46782
Chlamtac, I., Kienzle, M.G., Szaboc, C. Characterizing the behaviour of high-speed interconnection systems with distributed control 6205
Chlan, L. *see* Finkelstein, S.M. 49375
Chlebikova, J. Approximating the maximally balanced connected partition problem in graphs 21075
Chleboun, J. *see* Hlavacek, I. 645
Chleq, N., Thonnat, M. Realtime image sequence interpretation for video-surveillance applications 57443
Chlipala, M. *see* Orlowska-Kowalska, T. 61145
Chlubek, P.J. The AMT PRIME 2001 ETHERTEL digital radio in local loop system 47398
Chmela, P. *see* Falciai, R. 24175
Chmiel, G., Reichl, H. Thin film multichip modules based on photosensitive benzocyclobutene 22115
Chmiel, G. *see* Simon, J. 20913
Chmielewski, A.B., Das, A., Cassapakis, C., Allen, D., Schafer, W.J., Sercel, J., Deligiannis, F., Piszczor, M., Jones, P.A., Barnett, D.M., Rawal, S., Reddy, T. The New Millennium Program power technology [space power] 18734
Chmielewski, L. *see* Jozwik, A. 15200
Chmielewski, T.A. *see* Kalata, P.R. 50278
Chmielorz, W., Gacek, A., Horoba, K., Wrobel, J., Jezewski, J. Optical densitometry measurements of selected areas of ultrasonic images 49424
Chmilenko, N.A. *see* Andriiko, A.A. 29582
Chmill, V.B., Chuntonov, A.V., Smoll, A.V., Vorobiev, A.P., Khludkov, S.S., Koretski, A.A., Potapov, A.I., Tolbanov, O.P., Smith, K.M. Radiation hard microstrip detector based on gallium arsenide 37223
Chmist, J. *see* Turek, K. 3123
Chmykhov, A.N. *see* Vasil'ev, N.F. 18543
Chmykhov, A.N. *see* Vasil'ev, N.F. 18544
Chng, E.S. *see* Chen, S. 5686
Chng Eng Siong *see* Eng Siong Chng
Chng Eng-Siong *see* Eng-Siong Chng
Chnn Yuk-Hee *see* Yuk-Hee Chnn
Cho, A.Y. *see* Capasso, F. 14180
Cho, A.Y. *see* Capasso, F. 44561
Cho, A.Y. *see* Ghenim, L. 2183
Cho, A.Y. *see* Lin, L.Y. 6866
Cho, A.Y. *see* Ren, F. 43103
Cho, A.Y. *see* Scamarcio, G. 42222
Cho, A.Y. *see* Sirtori, C. 3906
Cho, A.Y. *see* Sirtori, C. 14091
Cho, A.Y. *see* Sirtori, C. 14188
Cho, A.Y. *see* Sirtori, C. 33538
Cho, B.H. *see* Kim, C.G. 19867
Cho, B.H. *see* Lee, D.Y. 19866
Cho, C.L. *see* Hsu, I.C. 37090
Cho, D. *see* Mawer, A. 20894
Cho, D.H., Eo, Y.S., Seung, M.H., Kim, N.H., Wee, J.K., Kwon, O.K., Park, H.S. Interconnect capacitance, crosstalk, and signal delay for 0.35 μm CMOS technology 43297
Cho, G.C. *see* Lu, Z.G. 14365
Cho, G.S. *see* Joo, K.S. 28032
Cho, H., Ogawa, S., Takemoto, M. Non-contact laser ultrasonics for detecting subsurface lateral defects 40735
Cho, H. *see* Chung, B. 53917
Cho, H. *see* Lee, H.S. 27213
Cho, H. *see* Lee, S. 53918
Cho, H.-J. *see* Kang, C.S. 2905
Cho, H.D. *see* Hou, Y.B. 32113
Cho, H.J., Yu, I.G., Hwangbo, C.K. Inhomogeneous optical SiO_xN_y thin films prepared by ion assisted deposition 40582
Cho, H.J. *see* Cha, B.C. 22635
Cho, H.K. *see* Park, J.H. 22689
Cho, H.K. *see* Sohn, J.M. 22630
Cho, H.R. *see* You, Y.H. 47687
Cho, H.S., Hong, W.S., Palaio, N., Kadyk, J., Luk, K.B., Perez-Mendez, V., Joo, K.S., Vujic, J. Spark damage studies of microgap gas chambers with various anode strip metals 59263
Cho, H.S. *see* Desu, S.B. 40551
Cho, H.S. *see* Hong, W.S. 59294
Cho, H.S. *see* Joo, K.S. 28032
Cho, H.S. *see* Kim, W.S. 36679
Cho, H.S. *see* Ryu, Y.K. 30367
Cho, H.S. *see* Ryu, Y.K. 39880
Cho, H.S. *see* Shim, J.H. 30144
Cho, J., Liu Meilin Characterization of interfacial stabilities of Li_xC_6/glass-polymer composite/$Li_xMn_2O_4$ cells using in-situ four-probe measurements 38943
Cho, J.-H., Lee, J.-Y., Lee, S.-H. Low-power high-density CMOS XOR and XNOR circuit design 11266
Cho, J.G. IGBT based zero voltage transition full bridge PWM converter for high power applications 9353

Cho, J.S., Song, S.K., Jung, H.-J., Koh, S.K., Choi, W.K., Yoon, K.H. Low-temperature growth of SnO_x thin films using reactive ion-assisted deposition 52758
Cho, J.S.H. *see* Loke, A.L.S. 12570
Cho, J.Y. *see* Lee, S.Y. 32964
Cho, J.Y.N., Rottger, J. An updated review of polar mesosphere summer echoes: observation, theory, and their relationship to noctilucent clouds and subvisible aerosols 56040
Cho, J.Y.N. *see* Howell, P.B. 18825
Cho, J.Y.N. *see* Palmer, R.D. 60052
Cho, K.-H., Park, J., Kwon, B., Eun, S., Yoon, H., Park, K. Design of a cost-effective modular architecture for large ATM switches 46593
Cho, K.-M., Kim, T.-Y. Dynamic channel assignment using channel interleaving in the one dimensional reuse partitioning system 47712
Cho, K.-S. *see* Lee, I.-W. 47704
Cho, M.H., Park, S.S., Oh, J.S., Namkung, W. Klystron-modulator system availability of PLS 2 GeV electron linac 37112
Cho, M.H. *see* Ko, I.S. 37017
Cho, M.H. *see* Lee, D.H. 2809
Cho, M.H. *see* Oh, J.S. 51267
Cho, M.H. *see* Park, S.S. 49075
Cho, S., Choi, D. Microwave properties of $YBa_2Cu_3O_{7-x}$ resonator under optical and thermal perturbations 21883
Cho, S., DiVenere, A., Wong, G.K., Ketterson, J.B., Meyer, J.R., Hoffman, C.A. Thermoelectric power of MBE grown Bi thin films and Bi/CdTe superlattices on CdTe substrates 54230
Cho, S.-I. *see* Lee, K.-C. 1396
Cho, S.-K. *see* Kim, S.-M. 21974
Cho, S.H., Kim, R.C., Lee, S.U. Contour coding technique using motion information 56640
Cho, S.M. *see* Choi, Y.S. 31866
Cho, T., Hirata, M., Kohagura, J., Kanke, S., Takahashi, K., Sakamoto, Y., Okamura, T., Yatsu, K., Tamano, T., Hirano, K., Maezawa, H., Tanaka, S., Bessenrodt-Weberpals, M. Characterization of new semiconductor detectors for X-ray tomography in the ASDEX Upgrade tokamak and its generalized physics interpretations 37568
Cho, T.B., Chien, G., Brianti, F., Gray, P.R. A power-optimized CMOS baseband channel filter and ADC for cordless applications 6600
Cho, U.H. *see* Cho, Y.K. 4243
Cho, U.H. *see* Hong, J.P. 45419
Cho, U.H. *see* Lee, J.I. 45055
Cho, W.H. *see* Noh, D.S. 13748
Cho, Y., Chae, Y.-C., Crosbie, E., Friedsam, H., Harkay, K., Horan, D., Kustom, R., Lessner, E., McDowell, W., McGhee, D., Moe, H., Nielsen, R., Norek, G., Peterson, K., Qian, Y., Thompson, K., White, M. A 10-GeV, 5-MW proton source for a muon-muon collider 18067
Cho, Y., Kirihara, A., Saeki, T. Observation of ferroelectric polarization in the noncontact mode of a scanning nonlinear dielectric microscope 32684
Cho, Y., Lessner, E. Space charge beam dynamics studies for a pulsed spallation source accelerator 18043
Cho, Y. *see* Horinaka, H. 15808
Cho, Y. *see* Horinaka, H. 59528
Cho, Y. *see* Lessner, E. 18044
Cho, Y. *see* Palmer, R.B. 17924
Cho, Y. *see* Palmer, R.B. 17966
Cho, Y. *see* Son, D. 23383
Cho, Y.-C. *see* Banks, D.R. 20893
Cho, Y.-D. *see* Kim, M.-B. 18258
Cho, Y.K., Ko, J.H., Yun, L.H., Lee, J.I., Cho, U.H. Scattering and radiation of electromagnetic fields by a periodic strip grating on a grounded dielectric slab 4243
Cho, Y.K. *see* Hong, J.P. 45419
Cho, Y.K. *see* Jae-Young Leem 689
Cho, Y.K. *see* Ko, J.H. 45054
Cho, Y.K. *see* Lee, J.I. 45055
Cho, Y.K. *see* Lee, J.I. 56097
Cho, Y.K. *see* Lee, Y.S. 4299
Cho, Y.K. *see* Lee, Y.S. 24506
Cho, Y.S. *see* Kim, J.R. 2455
Cho Bae-Doo *see* Bae-Doo Cho
Cho Byung Won *see* Byung Won Cho
Cho Byung-Hak *see* Byung-Hak Cho
Cho Byung-Jin *see* Byung-Jin Cho
Cho Byung-Woog *see* Byung-Woog Cho
Cho Chae Ryong *see* Chae Ryong Cho
Cho Chew Weng *see* Weng Cho Chew
Cho Choong-Hee *see* Choong-Hee Cho
Cho Chung Ho *see* Chung Ho Cho
Cho Don-Chan *see* Don-Chan Cho
Cho Dong Woo *see* Dong Woo Cho
Cho Dong-Ho *see* Dong-Ho Cho
Cho Dong-Hyeok *see* Dong-Hyeok Cho
Cho Dong-Uk *see* Dong-Uk Cho
Cho Eunkyung *see* Eunkyung Cho
Cho Geum-Bae *see* Geum-Bae Cho
Cho Gi Eun *see* Gi Eun Cho
Cho Gyu Hyeong *see* Gyu Hyeong Cho
Cho Gyuseong *see* Gyuseong Cho
Cho Hag-Ju *see* Hag-Ju Cho
Cho Ho Jin *see* Ho Jin Cho
Cho Ho-Sung *see* Ho-Sung Cho
Cho Hwankyu *see* Hwankyu Cho
Cho Hyun-Chul *see* Hyun-Chul Cho
Cho Hyun-Joon *see* Hyun-Joon Cho
Cho Hyunwoo *see* Hyunwoo Cho
Cho Il-Jae *see* Il-Jae Cho
Cho Il-Kwon *see* Il-Kwon Cho
Cho Jae Hee *see* Jae Hee Cho
Cho Jae-Hee *see* Jae-Hee Cho
Cho Jae-Won *see* Jae-Won Cho
Cho Jai Gab *see* Jai Gab Cho
Cho Jaiwan *see* Jaiwan Cho
Cho Jeong-Ho *see* Jeong-Ho Cho
Cho Jim-Hee *see* Jim-Hee Cho
Cho Jong-Sup *see* Jong-Sup Cho
Cho Joo Hyun *see* Joo Hyun Cho
Cho Jun-Sik *see* Jun-Sik Cho
Cho Jung Wan *see* Jung Wan Cho
Cho Jung-Soo *see* Jung-Soo Cho
Cho Jung-Wook *see* Jung-Wook Cho
Cho Ki Hyun *see* Ki Hyun Cho
Cho Kim Young *see* Young Cho Kim
Cho Kun Ho *see* Kun Ho Cho
Cho Kwang Soo *see* Kwang Soo Cho
Cho Kwang-Joon *see* Kwang-Joon Cho
Cho Kwangyun *see* Kwangyun Cho
Cho Kyoung Ik *see* Kyoung Ik Cho
Cho Kyoungrok *see* Kyoungrok Cho
Cho Kyu-Min *see* Kyu-Min Cho
Cho Kyung Sang *see* Kyung Sang Cho
Cho Kyung-Soon *see* Kyung-Soon Cho
Cho Min Su *see* Min Su Cho
Cho Min-Gu *see* Min-Gu Cho
Cho Mooho *see* Mooho Cho
Cho Nam Zin *see* Nam Zin Cho
Cho Nam-Gook *see* Nam-Gook Cho
Cho Nam-Hoon *see* Nam-Hoon Cho
Cho Nam-Ihn *see* Nam-Ihn Cho
Cho Pyung Dong *see* Pyung Dong Cho
Cho Sangyeun *see* Sangyeun Cho
Cho Sehyeong *see* Sehyeong Cho
Cho Seonghoon *see* Seonghoon Cho
Cho Si Hyung *see* Si Hyung Cho
Cho Soo-In *see* Soo-In Cho
Cho Soon-Bong *see* Soon-Bong Cho
Cho Soon-Jin *see* Soon-Jin Cho
Cho Sung Hee *see* Sung Hee Cho
Cho Sung Ho *see* Sung Ho Cho
Cho Sung Hyun *see* Sung Hyun Cho
Cho Sung Oh *see* Sung Oh Cho
Cho Sung-Bae *see* Sung-Bae Cho
Cho Sung-Lae *see* Sung-Lae Cho
Cho Tae-Je *see* Tae-Je Cho
Cho Tai-Hoon *see* Tai-Hoon Cho
Cho Ung Chul *see* Ung Chul Cho
Cho Wen-Chung *see* Wen-Chung Cho
Cho Won-Il *see* Won-Il Cho
Cho Woo Yeong *see* Woo Yeong Cho
Cho Yong Beom *see* Yong Beom Cho
Cho Yong Ii *see* Yong Ii Cho
Cho Yong Soo *see* Yong Soo Cho
Cho Yong-Hyon *see* Yong-Hyon Cho
Cho Yong-Jun *see* Yong-Jun Cho
Cho Yong-Soo *see* Yong-Soo Cho
Cho Young-Ho *see* Young-Ho Cho
Cho Young-Hyun *see* Young-Hyun Cho
Cho Young-Jae *see* Young-Jae Cho
Cho Young-Jun *see* Young-Jun Cho
Cho Youngkwon *see* Youngkwon Cho
Cho Yun-Jin *see* Yun-Jin Cho
Cho Yunhyun *see* Yunhyun Cho
Cho Zang-Hee *see* Zang-Hee Cho
Choa, F.S., Fan, J.Y., Liu, P.-L., Sipior, J., Rao, G., Carter, G.M., Chen, Y.J. Time-resolved-spectrum studies of GaN light emitting diodes 13867
Choa, F.S. *see* Shih, M.-H. 36155
Chochula, P. *see* Adam, W. 37221
Chociey, P.A. "Who's reading my e-mail?": a study of professionals' e-mail usage and privacy perceptions in the workplace 35680
Chockalingam, A., Milstein, L.B. Closed-loop power control performance in a cellular CDMA system 6660
Chockalingam, A., Milstein, L.B., Venkataram, P. Analysis of a media access protocol for wireless messaging systems 46730
Chockalingam, G. *see* Dasgupta, S. 40861
Choe, G., Gupta, S. High exchange anisotropy and high blocking temperature in strongly textured NiFe(111)/FeMn(111) films 43638
Choe, H.C., Poole, C.E., Yu, A.M., Szu, H.H. Earlike multiresolution preprocessing neural network for transmitter identification 56591
Choe, H.C. *see* Sim, S.P. 41168
Choe, J.W., Park, I.K. Implementation of PABX's ISDN BRI trunk card for connecting to ISDN public networks 26436
Choe, K.S., Choi, Y.H., Yi, W.S. Complementary non-destructive optical methods for characterizing $Al_xGa_{1-x}As$ HMESFET heterostructures 43124
Choe, W. *see* Stutman, D. 36666
Choe Byung-Doo *see* Byung-Doo Choe
Choe Gyu-Ha *see* Gyu-Ha Choe
Choe Il Yong *see* Il Yong Choe
Choe Jae Ween *see* Jae Ween Choe
Choe Jeong-Woo *see* Jeong-Woo Choe
Choe Seong-Min *see* Seong-Min Choe
Choe Sug-Bong *see* Sug-Bong Choe
Choen Kim, Seonghoon Cho Spectral angle mapper classification and vegetation indices analysis for winter cover monitoring using JERS-1 OPS data 18773
Choh Sung Ho *see* Sung Ho Choh
Choh-Fei Yeap *see* Hasnat, K. 12989
Choi, A. Real-time fundamental frequency estimation by least-square fitting 34820
Choi, A. Optimizing local area networks using genetic algorithms 57880
Choi, B.J., Kim, Y.N., Chung, J.H., Nam, S.W. Adaptive linearisation of weakly nonlinear Volterra systems 31072
Choi, B.W. *see* Liu, J. 22144
Choi, B.W. *see* Wadley, H.N.G. 41940
Choi, C.-H. *see* Lee, C.S. 57310
Choi, C.D. *see* Bohs, L.N. 28183
Choi, C.K. *see* de Queiroz, R. 56692
Choi, C.S. *see* Sim, S.P. 41168
Choi, C.T.M., Webb, J.P. The wave-envelope method and absorbing boundary conditions 45063
Choi, C.W. *see* Rubin, I. 36031
Choi, D. *see* Cho, S. 21883
Choi, D. *see* Zeisler, E.D. 46901
Choi, D.H. *see* Yun, B.T. 53749
Choi, D.I. *see* Seong-Heon Seo 60892
Choi, D.K. *see* Lee, J.G. 23695
Choi, E.H. *see* Seo, Y. 41796
Choi, G., Haddad, R.A. Two-dimensional dyadic subband tree modeling with embedded quantizers 15506
Choi, G.S. *see* Hungse Cha 11240
Choi, H., Hwang, S.H. Design of wave-pipelined 900 MHz 16b ripple-carry adder using modified NPCPL 1302
Choi, H. *see* Kyung, C.M. 41259
Choi, H.-A. *see* Choi, H.-S. 35772
Choi, H.-S., Choi, H.-A., Mao, W.-Z., Simha, R. Bicolored shortest paths in graphs with applications to network overlay design 35772
Choi, H.-W. *see* Yun, K.-L. 57691
Choi, H.J. *see* Park, W.G. 46594
Choi, H.K. Mid-infrared semiconductor lasers 33530
Choi, H.K. *see* Wang, C.A. 33500
Choi, H.S., Jang, K.H., Han, M.K. Preparation of low temperature polysilicon films with SiH_4 and SiF_4 gas mixtures 10909
Choi, I.-H., Yu, P.Y. Pressure dependence of band gaps and deep centers in chalcopyrite semiconductors 22285
Choi, I.H. *see* Byun, D. 31843
Choi, I.H. *see* Yang, D.I. 40439
Choi, I.S. *see* Chang, G.S. 32233
Choi, J., Minami, K., Esashi, M. Application of deep reactive ion etching for silicon angular rate sensor 32587
Choi, J. *see* Aggarwal, M.D. 10631
Choi, J. *see* Darwish, A.M. 24272
Choi, J. *see* Ko, I.S. 37017
Choi, J. *see* Ko, I.S. 37111
Choi, J.-W., Jung, G.-Y., Oh, S.Y., Lee, W.H., Shin, D.M. Photoinduced electron transfer in a MIM device composed of TCNQ-pyrene-ferrocene LB films 31642
Choi, J.-Y. *see* Ohsawa, S. 49204
Choi, J.B. *see* Hou, Y.B. 32113
Choi, J.B. *see* Park, J.W. 32003
Choi, J.B. *see* Yoo, K.-H. 22660
Choi, J.D., Kim, D.J., Tang, D.S., Kim, J., Kim, H.S., Shin, W.C., Ahn, S.T., Kwon, O.H. A novel booster plate technology in high density NAND flash memories for voltage scaling-down and zero program disturbance 1363
Choi, J.D. *see* Kim, D.J. 1362
Choi, J.Gark *see* Gark Choi, J.
Choi, J.H. *see* Chang, J.M. 4333
Choi, J.H. *see* Kim, H.S. 51363
Choi, J.H. *see* Kim, J.M. 58930
Choi, J.H. *see* Lee, H.J. 1355
Choi, J.J., Ahn, S., Danly, B.G., Ganguly, A.K., Levush, B., Park, G.S., Parker, R.K. PIC code simulations on NRL gyro-amplifiers 12098
Choi, J.J., Ganguly, A.K., Blank, M., Calise, F., Danly, B.G., Kyser, R.H., Levush, B., Latham, P., Park, G.S., Parker, R.K. 35 GHz gyroklystron amplifier development at NRL 1940
Choi, J.S., Un, C.K. Performance study of an input and output queueing ATM switch with a window scheme and a speed constraint 46579
Choi, J.S. *see* Kim, D.W. 34717
Choi, J.S. *see* Tae-Eun Kim 59059
Choi, J.Y., Choy, I., Kim, T.Y., Gu, S.W. Intelligent energy saving power system control of telecom DC power plant 51214
Choi, J.Y., Ma, Z. L_g=0.25 μm CMOS devices with N^+ polycide gate for 3.3 V application 54798
Choi, J.Y., Walkup, J.F., Krile, T.F., Mehrl, D.J. Holographic data storage in bacteriorhodopsin using phase-encoded multiplexing and spectrum spreading techniques 3350
Choi, J.Y. *see* Ick Choy 51664
Choi, J.Y. *see* Lee, C.S. 57310
Choi, J.Y. *see* Ma, Z. 53277
Choi, K. *see* Jeon, J. 21454
Choi, K.K., Chen, C.J., Tidrow, M.Z., DeAnni, A.J., Chang, W.H. Infrared hot-electron transistors for system applications 48661
Choi, K.K. *see* Chen, C.J. 48545
Choi, K.K. *see* Lee, T.S. 32196
Choi, K.K. *see* Sengupta, D.K. 48666
Choi, K.K. *see* Tidrow, M.Z. 48524
Choi, K.T., Chan, S.C., Ng, T.S. A new fast motion estimation algorithm using hexagonal subsampling pattern and multiple candidates search 57280

Choi, K.Y., Lee, K.H. Performance modeling of real time processing behavior applied to an ATM-based network system 35453
Choi, K.Y. *see* Lee, K.H. 46557
Choi, M.S. *see* Forbes, L. 2566
Choi, N. *see* Schwartz, D.B. 58390
Choi, P. *see* Tomida, T. 3095
Choi, P.S., Su, T., Chang, R.D., Chu, P.K., Kwong, D.L. Post-implant anneal: fundamental differences in dopant diffusion and activation due to rapid thermal annealing/furnace annealing 42367
Choi, P.S. *see* Su, T. 42413
Choi, S. High performance ASN.1/BER decoder 46759
Choi, S., Tamura, H. Non-vocal behaviors in communication and coordination of TV conferences 57972
Choi, S.-J., Woods, J.W. Three-dimensional subband/wavelet coding of video with motion compensation 56624
Choi, S.D. *see* Noh, Y.C. 56031
Choi, S.H. *see* Lee, C.S. 57310
Choi, S.J. *see* Lee, C.W. 42470
Choi, S.O., Kawahito, S., Matsumoto, Y., Ishida, M., Tadokoro, Y. An integrated micro fluxgate magnetic sensor 27454
Choi, S.S., Jiang, F. Under-excitation limiter design by variable structure control 19700
Choi, S.S., Park, M.J., Chu, W.K. Influence of arsenic in silicon on thermal oxidation rate 31765
Choi, S.S. *see* Chang, S.H. 60499
Choi, S.S. *see* Jiang, F. 50362
Choi, S.S. *see* Lee, S.Y. 32964
Choi, S.W. *see* Cha, B.C. 22635
Choi, S.W. *see* Sohn, J.M. 22630
Choi, T. *see* Zeisler, E.D. 46901
Choi, T.P. *see* Lee, T.S. 30312
Choi, W.-Y., Takahashi, R., Kawamura, Y., Kagawa, T., Iwamura, H. A multiple-output high-speed all-optical demultiplexer based on low-temperature-grown Be-doped strained multiple quantum wells 26822
Choi, W.B., McClure, M.T., Schlesser, R., Sitar, Z., Hren, J.J. Enhanced field emission from diamond coated molybdenum emitters 53919
Choi, W.B. *see* Schlesser, R. 41744
Choi, W.K., Choo, C.K., Lu, Y.F. Electrical characterization of rapid thermal annealed radio frequency sputtered silicon oxide films 2880
Choi, W.K., Davey, A.B., Crossland, W.A. Use of deformed helix ferroelectric liquid crystals in Fabry Perot etalons 33149
Choi, W.K., Han, L.J., Loo, F.L. Electrical characterization of radio frequency sputtered hydrogenated amorphous silicon carbide films 31868
Choi, W.K. *see* Cho, J.S. 52758
Choi, W.K. *see* Koh, S.K. 7775
Choi, W.S. *see* Kim, J.S. 19811
Choi, Y. *see* Lee, S.G. 2517
Choi, Y. *see* Wi, S. 46817
Choi, Y.-D. *see* Lee, C.-H. 806
Choi, Y.-S., Kang, H.-Y., Han, W.-S., Koh, Y.-B. Swing curve characteristics of half-tone PSM with off-axis illumination for i-line lithography 2489
Choi, Y.-S. *see* Lee, J.-H. 15652
Choi, Y.D. *see* Yang, D.I. 40439
Choi, Y.H. *see* Choe, K.S. 43124
Choi, Y.H. *see* Kim, J.D. 48669
Choi, Y.I. *see* Kim, S.D. 43146
Choi, Y.I. *see* Yun, C.M. 43108
Choi, Y.I. *see* Yun, C.M. 54617
Choi, Y.K., Ahn, K.H., Lee, S.-Y. Effects of multiplier output offsets on on-chip learning for analog neuro-chips 11625
Choi, Y.K. *see* Kim, M.R. 179
Choi, Y.M. *see* Kwok-Wah Hui 23585
Choi, Y.S., Lee, C.G., Cho, S.M. Transparent conducting $Zn_xCd_{1-x}O$ thin films prepared by the sol-gel process 31866
Choi, Y.S., Park, S.W., Youn, D.H. Fast vector-sum codebook search method for low bit rate speech coding 45667
Choi Beorn-Gyu *see* Beorn-Gyu Choi
Choi Bong Dae *see* Bong Dae Choi
Choi Bum-Kyoo *see* Bum-Kyoo Choi
Choi Byeong-Cheol *see* Byeong-Cheol Choi
Choi Byoung Ho *see* Byoung Ho Choi
Choi Byoung-Yoon *see* Byoung-Yoon Choi
Choi ByoungSeon *see* ByoungSeon Choi
Choi Byung Uk *see* Kim Young Kil 56399
Choi Byung-Tae *see* Byung-Tae Choi
Choi Byung-Uk *see* Byung-Uk Choi
Choi Byunguk *see* Byunguk Choi
Choi Chan-Hak *see* Chan-Hak Choi
Choi Chang-Gu *see* Chang-Gu Choi
Choi Chang-Ho *see* Chang-Ho Choi
Choi Chang-Hoon *see* Chang-Hoon Choi
Choi Cheon Won *see* Cheon Won Choi
Choi Dae-Woo *see* Dae-Woo Choi
Choi Deok-Ki *see* Deok-Ki Choi
Choi Deokjai *see* Deokjai Choi
Choi Dong Myung *see* Dong Myung Choi
Choi Dong-Sun *see* Dong-Sun Choi
Choi Dong-Uk *see* Dong-Uk Choi
Choi Doo-Hyun *see* Doo-Hyun Choi
Choi Doo-Jin *see* Doo-Jin Choi
Choi Eun-Chang *see* Eun-Chang Choi
Choi Eun-Ho *see* Eun-Ho Choi
Choi Fung Hing *see* Hing Choi Fung
Choi Gapchu *see* Gapchu Choi
Choi Go Bong *see* Go Bong Choi
Choi Gobong *see* Gobong Choi
Choi Gyoo-Seok *see* Gyoo-Seok Choi
Choi Hae-Sul *see* Hae-Sul Choi
Choi Hee-Cheol *see* Hee-Cheol Choi
Choi Hee-Sook *see* Hee-Sook Choi
Choi Heung-Moon *see* Heung-Moon Choi
Choi Hjung-Yoon *see* Hjung-Yoon Choi
Choi Ho Kyu *see* Ho Kyu Choi
Choi Hong Soon *see* Hong Soon Choi
Choi Hong-Kyoo *see* Hong-Kyoo Choi
Choi Hong-Seok *see* Hong-Seok Choi
Choi Hongsik *see* Hongsik Choi
Choi Hoon *see* Hoon Choi
Choi Hwan Jin *see* Hwan Jin Choi
Choi Hwang-Kyu *see* Hwang-Kyu Choi
Choi Hyek Hwan *see* Hyek Hwan Choi
Choi Hyeong-Ah *see* Hyeong-Ah Choi
Choi Hyeong-Ali *see* Hyeong-Ali Choi
Choi Hyun Chil *see* Hyun Chil Choi
Choi Hyun-Tae *see* Hyun-Tae Choi
Choi Hyung Il *see* Hyung Il Choi
Choi Hyung Jin *see* Hyung Jin Choi
Choi Hyung-Il *see* Hyung-Il Choi
Choi Hyung-Jin *see* Hyung-Jin Choi
Choi Hyung-Joon *see* Hyung-Joon Choi
Choi Hyungbok *see* Hyungbok Choi
Choi Ick-Sung *see* Ick-Sung Choi
Choi Illsang *see* Illsang Choi
Choi In-Hoon *see* In-Hoon Choi
Choi Jae Gark *see* Jae Gark Choi
Choi Jae-Ho *see* Jae-Ho Choi
Choi Jae-Young *see* Jae-Young Choi
Choi Jaehoon *see* Jaehoon Choi
Choi Jang Won *see* Jang Won Choi
Choi Jeong Hun *see* Jeong Hun Choi
Choi Jeong Yeol *see* Jeong Yeol Choi
Choi Jeong-Woo *see* Jeong-Woo Choi
Choi Ji-Hwan *see* Ji-Hwan Choi
Choi Jin Ho *see* Jin Ho Choi
Choi Jin Seek *see* Jin Seek Choi
Choi Jin-Hyeok *see* Jin-Hyeok Choi
Choi Jin-Seog *see* Jin-Seog Choi
Choi Jinho *see* Jinho Choi
Choi Jong Hyuk *see* Jong Hyuk Choi
Choi Jong Soo *see* Jong Soo Choi
Choi Jong-Soo *see* Jong-Soo Choi
Choi Jong-Woo *see* Jong-Woo Choi
Choi Jong-Woon *see* Jong-Woon Choi
Choi Joong Han *see* Joong Han Choi
Choi Jun Kyun *see* Jun Kyun Choi
Choi Jun Rim *see* Jun Rim Choi
Choi Jung In *see* Jung In Choi
Choi Ki Bong *see* Ki Bong Choi
Choi Kiyoung *see* Kiyoung Choi
Choi Kwang-Seong *see* Kwang-Seong Choi
Choi Kwon-Young *see* Kwon-Young Choi
Choi Kwonhue *see* Kwonhue Choi
Choi Kyu-Myung *see* Kyu-Myung Choi
Choi Kyu-Yul *see* Kyu-Yul Choi
Choi Kyung *see* Kyung Choi
Choi Kyung-Ku *see* Kyung-Ku Choi
Choi Kyunghee *see* Kyunghee Choi
Choi Min Ho *see* Min Ho Choi
Choi Mungi *see* Mungi Choi
Choi Myung-Jong *see* Myung-Jong Choi
Choi Pyung *see* Pyung Choi
Choi Sang Don *see* Sang Don Choi
Choi Sang-Hoon *see* Sang-Hoon Choi
Choi Sang-Soo *see* Sang-Soo Choi
Choi Seek-Rim *see* Seek-Rim Choi
Choi Seong Soo *see* Seong Soo Choi
Choi Seong-Gu *see* Seong-Gu Choi
Choi Seong-Won *see* Seong-Won Choi
Choi Seunghee *see* Seunghee Choi
Choi Seungwon *see* Seungwon Choi
Choi Sewan *see* Sewan Choi
Choi Song In *see* Song In Choi
Choi Soon-Don *see* Soon-Don Choi
Choi Su-An *see* Su-An Choi
Choi Sung Woo *see* Sung Woo Choi
Choi Tae Wan *see* Tae Wan Choi
Choi Tae Young *see* Jiang Gangyi 25329
Choi Tae-Yong *see* Tae-Yong Choi
Choi Tae-Young *see* Tae-Young Choi
Choi Taek-jin *see* Taek-jin Choi
Choi Wai-Shing *see* Wai-Shing Choi
Choi Wan *see* Wan Choi
Choi Wankyoo *see* Wankyoo Choi
Choi Won-Cheol *see* Won-Cheol Choi
Choi Won-Kook *see* Won-Kook Choi
Choi Woo-Beom *see* Woo-Beom Choi
Choi Woo-Young *see* Woo-Young Choi
Choi Yang-Ho *see* Yang-Ho Choi
Choi Yanghee *see* Yanghee Choi
Choi Yeam-Ik *see* Yeam-Ik Choi
Choi Yearn-Ik *see* Yearn-Ik Choi
Choi Yong Soo *see* Yong Soo Choi
Choi Yoon Kyung *see* Yoon Kyung Choi
Choi Yoon-Hwa *see* Yoon-Hwa Choi
Choi Young Bae *see* Young Bae Choi
Choi Young-Jin *see* Young-Jin Choi
Choi Young-Joon *see* Young-Joon Choi
Choi Young-Kiu *see* Young-Kiu Choi
Choi Young-Wan *see* Young-Wan Choi
Choi Youngbok *see* Youngbok Choi
Choi Youngjin *see* Youngjin Choi
Choi Yunho *see* Yunho Choi
Choi-Grogan, Y.S., Eswar, K., Sadayappan, P., Lee, R. Sequential and parallel implementations of the partitioning finite-element method 14561
Chojnacki, E. *see* Hartung, W. 49248
Chojnacki, W. *see* Brooks, M.J. 56851
Chol Lee Yong *see* Yong Chol Lee
Cholewa, R. 16 M DRAM manufacturing cooperation IBM/SIEMENS in Corbeil Essonnes in France 41135
Cholewicki, J., Panjabi, M.M., Nibu, K., Macias, M.E. Spinal ligament transducer based on a Hall effect sensor 37595
Cholewka, K. The RAS race: picking a winner [remote access server] 47033
Cholewo, T.J. *see* Lozowski, A. 35098
Chollet, F., de Labachelerie, M., Fujita, H. Microoptomechanical devices: an electrostatically actuated bending waveguide for optical coupling 23522
Chollet, F. *see* Fadda, E. 31954
Chollet, G. *see* Bornet, O. 46966
Chollet, P.A. *see* Blau, G. 24234
Choma, J., Jr. *see* Eker, M.M. 11686
Chomicki, O.A. *see* Scharf, W.H. 59773
Chomskis, R. *see* Ragauskas, A. 18361
Chomskis, R. *see* Ragauskas, A. 49425
Chon, K.H., Jung, V.K., Cohen, R.J. Nonlinear system identification of heart rate variability via an artificial neural network model 59648
Chon, Y.K., Sun, J.H., Izumi, K., Takahashi, T., Chung, S.J., Yoon, J.Y., Kweon, D.J. A study on the characteristics of degradation sensor for insulation oil 9307
Chon Byoung Sil *see* Byoung Sil Chon
Chon Min Che *see* Min Che Chon
Chon Tam Ledinh *see* Plaziac, N. 56577
Chonavel, T., Degerine, S. Estimation of band-limited spectra, a reflection coefficients approach 25115
Chonavel, T. *see* Riou, C. 15384
Chong, C. *see* Wissinger, J. 6938
Chong, C.K. *see* Watanabe, K. 43842
Chong, E.K.P. *see* Chatterjee, C. 57193
Chong, E.K.P. *see* Wang, I.-J. 30581
Chong, H.C. *see* Binh, L.N. 35889
Chong, H.F., Morris, D.G. A hybrid approach to call party handling 47274
Chong, J.W. *see* Lee, Y.-H. 52981
Chong, M.N. *see* Goh, W.B. 25421
Chong, P.H.J., Leung, C. Spectrum efficiency optimization in a cellular packet data communication system 16578
Chong, P.J. *see* Kuznetsov, A.V. 805
Chong, R. Electrical SONET testing 47978
Chong, S., Li, S.-Q. Performance of access rate control for correlated sources in high-speed networks: Spectral analysis 26151
Chong, S. *see* Hernandez-Valencia, E.J. 35563
Chong, T.-C. *see* Beh, C.-Y. 30727
Chong, T.C., Lu, Y.F., Lee, A. Laser-controlled etching of (Al, Ga)As epitaxial layers 12787
Chong, T.C. *see* Du, A.Y. 12322
Chong, T.C. *see* Lu, Y.F. 13456
Chong, T.C. *see* Song, W.D. 22606
Chong, T.C. *see* Zhuang Zhuo 33084
Chong, U., Kim, S.P. Wavelet transcoding of block DCT-based images through block transform domain processing 25691
Chong Chee-Yee *see* Chee-Yee Chong
Chong Chong Tow *see* Tow Chong Chong
Chong Eun Chung, Jin Soo Park Modulation and demodulation circuits of chaos frequency shift keying using coupled synchronization and drive synchronization 11238
Chong Ho Yang, Liang, Y.C. Investigation on parallel operations of IGBTs 43009
Chong Huang *see* Linsen Chen 44796
Chong Hwa Chang *see* Han Zhou 46637
Chong Kwan Un *see* Jae Sung Lim 45752
Chong Kwan Un *see* Jae Yong Lee 35429
Chong Kwan Un *see* Jin Seek Choi 5784
Chong Kwan Un *see* Jin Seek Choi 47472
Chong Kwan Un *see* Nam Soo Kim 34695
Chong Kwan Un *see* Nam Soo Kim 45706
Chong Kwan Un *see* Oh Wook Kwon 56391
Chong Kwan Un *see* Oh Wook Kwon 56392
Chong Kwan Un *see* Young Sik Youn 16135
Chong Ng Boon *see* Boon Chong Ng
Chong Sam Chung *see* Chul Woo Lee 43910
Chong Sang Kim *see* Ju-Hyun Lee 58087
Chong Sang Kim *see* Park Kyeongho 58015
Chong Son Chun *see* Ki Chang Son 50752
Chong Tow Chong *see* Tow Chong Chong
Chong U-Sok *see* U-Sok Chong
Chong Uipil *see* Uipil Chong
Chong Weng Hoe *see* Zhu Desheng 45185
Chong Won Lee *see* Bum-Jae You 25797
Chong Xu, Ching-Yi Wang, Parhi, K.K. Order-configurable programmable power-efficient FIR filters 21806
Chong-Chang Mao *see* Neff, J.A. 55472
Chong-Ho Lee *see* Nam-Gook Cho 1564
Chong-Ho Woo *see* Dong-Suk Shin 11372
Chong-Hoon Kwak *see* Lee, Y.H. 24192
Chong-In Chi *see* Tzi-Hsiung Shu 21762
Chong-Min Kyung, In-Cheol Park, Ho-Jun Song Multi-project chip activities in Korea--IDEC perspective 43213
Chong-Min Kyung *see* Joon-Seo Yim 41189
Chong-Min Kyung *see* Joon-Seo Yim 41225

Chong-Min Kyung *see* Joonseo Yim 53334
Chong-Min Kyung *see* Kwang-Su Seong 21596
Chong-Min Kyung *see* Kwang-Su Seong 40073
Chong-Nam Chu *see* Tae-Yong Kim 34847
Chong-Ook Park *see* Dong-Won Kim 54891
Chong-Ook Park *see* Sa-Kyun Rha 12616
Chong-Ook Park *see* Won-Jun Lee 40595
Chong-Ook Pork *see* Won-Jun Lee 40587
Chong-Son Chun *see* Yang-Gyun Oh 29002
Chong-Sun Hwang *see* Myung-Sook Ko 10366
Chong-Sun Hwang *see* Sung Ho Cho 57923
Chong-Xi Zhou *see* Zhou Chong-Xi
Chong-Yeal Kim *see* Miyazaki, H. 22339
Chong-Yeun Park, Mok-Soon Jang Structures and characteristics of oversampling sigma-delta modulators and a decimator 21758
Chong-Yung Chi *see* Horng-Ming Chien 45986
Chongcheng Fan *see* Qian Yu 47918
Chongcheng Fan *see* Fan Chongcheng
Chongcheng Fang *see* Fang Chongcheng
Chongdae Park, Jeong Soo Kim, Dae Kon Oh, Dong Hoon Jang, Chan Yong Park, Joo Heon Ahn, Hyoung Moon Kim, Heung Ro Choo, Hongman Kim, Kwang Eui Pyun Low-threshold loss-coupled laser diode by new grating fabrication technique 23906
Chongde Zhao *see* Zhao Chongde
Chongmu Lee *see* Hyeongmin Jeon 30884
Chongsang Kim *see* Eunyong Ha 58203
Chongwu Cui *see* Cui Chongwu
Chongxi Feng *see* Tian Wang 14898
Chongxi Feng *see* Feng Chongxi
Chongzhi Fan *see* Fan Chongzhi
Chonko, M.A. *see* Hegde, R.I. 2348
Choo, C.K. *see* Choi, W.K. 2880
Choo, H. *see* Youn, H.Y. 25847
Choo, T.P., Li, K.H., Dubey, V.K. Modified signal set partition grouping for MTCM codes 45585
Choo Heung Ro *see* Heung Ro Choo
Choo Jin-Boo *see* Jin-Boo Choo
Choo Young-Bae *see* Young-Bae Choo
Choobineh, F. *see* Langewisch, A. 407
Chooi, S. *see* Gn, F.H. 54251
Chooi, S.Y.M., Ang, C.-H., Zheng, J.-Z., Chan, L. A comparison of spin-on materials in IMD planarization 54518
Chooi-Tian Lee, Harris, J.W. Designing a virtual access control configuration protocol for implementation over ISDN and shared-media networks 57624
Chooi-Tian Lee, Harris, J.W. Principle and technique for encapsulation of user control and data information in separate frames 57992
Choon Chan Mun *see* Mun Choon Chan
Choon Kim Young *see* Young Choon Kim
Choon Sae Lee, Tung-Hung Hsieh, Nalbandian, V. Strip-line-fed double-layer microstrip antenna 56148
Choon Teo Kiat *see* Teo Kiat Choon
Choon Yang Jae *see* Jae Choon Yang
Choon-Bae Park *see* Jong-Ho Lee 54643
Choon-Hi Lee *see* Chul-Jin Park 57924
Choon-Sik Oh *see* Young-Hee Kim 21666
Choon-Weon Seo *see* Seung-Hyun Lee 48408
Choong, D. *see* Tay, C.J. 7631
Choong Han Jae *see* Jae Choong Han
Choong Ho Lee, Kawamata, M., Higuchi, T. State-space approach to roundoff error analysis of fractal image coding 35054
Choong Hwan Lee, Jun Sung Kim, Kyu Ho Park Automatic human face location in a complex background using motion and color information 5244
Choong Seng Boon *see* Etoh, M. 35190
Choong Seon Hong, Kashiwa, D., Koga, Y., Matsushita, Y. A multimedia service networking architecture and its applications in TINA-like model 57990
Choong Seon Hong, Matsushita, Y. An open information networking architecture for distributed multimedia systems 57902
Choong Woong Lee *see* Jun Seok Song 45533
Choong Woong Lee *see* Jun Seok Song 56341
Choong Woong Lee *see* Sang Hwa Lee 56982
Choong Woong Lee *see* Sang Yun Lee 47549
Choong Woong Lee *see* Seung Jun Lee 45580
Choong Woong Lee *see* Seung Jun Lee 56301
Choong Woong Lee *see* Tae Hong Lee 15464
Choong Woong Lee *see* Young-Mo Gu 34561
Choong Woong Lee *see* Lee Choong Woong
Choong Yung Jung, Hee Jin Jung, Jinchoon Lee A new additive fuzzy goal programming model 40107
Choong-Gon Lee, Nakano, H., Nishina, T., Uchida, I., Izaki, Y., Kuroe, S. Transient response analysis on an 100 cm^2 class molten carbonate fuel cell 51507
Choong-Gon Lee, Yamada, K., Nishina, T., Uchida, I. In situ NiO dissolution behavior in (Li+Na) CO_3 melts under pressurized oxidant gas atmospheres 29600
Choong-Hee Cho *see* Youn-Sik Hong 41177
Choong-Ki Kim *see* Ha-Soo Kim 30898
Choong-Ki Kim *see* Han Jung 2341
Choong-Ki Kim *see* Han Jung 3606
Choong-Ki Kim *see* Ki Bang Lee 13191
Choong-Ki Kim *see* Kwan Kim 33263
Choong-Ki Kim *see* Seong-Hoon Lee 32197
Choong-Ki Kim *see* Seung-Man Park 12355
Choong-Ki Kim *see* Seung-Man Park 33262
Choong-Ki Kim *see* Soo-Ho Bae 33264
Choong-Mo Nam, Young-Se Kwon Selective oxidized porous silicon (SOPS) substrate for microwave power chip-packaging 41514
Choonsik Park Threshold digital signatures based on discrete logarithm 34531
Chopra, K.L. *see* Kasiviswanathan, S. 41993
Chopra, M. *see* Han, B. 20888
Chopra, O.K. *see* Keisler, J.M. 29048
Chopra, S. *see* Hashim, I. 42783
Choquel, J.B., Dubus, J.P., Sorel, Y. VLSI implementation of the edge sampling using a conditioned data flow specification 21451
Choquette, K.D., Chow, W.W., Hadley, G.R., Hou, H.Q., Geib, K.M. Scalability of small-aperture selectively oxidized vertical cavity lasers 33502
Choquette, K.D., Chow, W.W., Hadley, G.R., Hou, H.Q., Geib, K.M. Properties of small-aperture selectively oxidized VCSELs 55734
Choquette, K.D., Geib, K.M., Chui, H.C., Hou, H.Q., Hull, R. Selective oxidation of buried AlGaAs for fabrication of vertical-cavity lasers 24002
Choquette, K.D., Schneider, R.P., Jr., Lear, K.L., Geib, K.M., Hou, H.Q., Chui, H.C., Hagerott Crawford, M., Chow, W.W. Advances in oxide-confined vertical cavity lasers 3896
Choquette, K.D. *see* Geib, K.M. 23998
Choquette, K.D. *see* Hadley, G.R. 24044
Choquette, K.D. *see* Hadley, G.R. 33554
Choquette, K.D. *see* Hayes, E.M. 33345
Choquette, K.D. *see* Hou, H.Q. 14175
Choquette, K.D. *see* Lear, K.L. 3968
Choquette, K.D. *see* Lehman, J.A. 33524
Choquette, K.D. *see* Li, J. 44543
Choquette, M. *see* Parpal, J.-L. 19343
Choquette, M. *see* Parpal, J.-L. 50588
Chorey, C.M. *see* Lin, S.C. 53632
Chorkin Chan *see* Ping-Chong Chee 25762
Chorna, L. *see* Dragan, I. 49532
Chorng-Kuang Wang, Chorng-Ming Lin, Muh-Tain Shiue Automatic gain control VLSI architecture for ADSL-1 CAP system 16438
Chorng-Ming Lin *see* Chorng-Kuang Wang 16438
Chorng-Sii Hwang *see* Shen-luan Liu 53421
Chorniy, V.Z. *see* Yakimov, A.I. 54109
Choroba, S., Bieler, M., Hameister, J., Chi, Y. A 375 MW modulator for a 150 MW klystron at the S-band linear collider test facility at DESY 49059
Choset, H., Konukseven, I., Burdick, J. Mobile robot navigation: issues in implementating the generalized Voronoi graph in the plane 27469
Chou, A. *see* Abe, K. 59233
Chou, A.I. *see* Chowdhury, P. 22520
Chou, A.I. *see* Chuan Lin 12726
Chou, A.I. *see* Chuan Lin 43059
Chou, A.I. *see* Kumar, K. 22581
Chou, B. *see* Moresco, L.L. 30271
Chou, B.C.S. *see* Jin-Shown Shie 17395
Chou, C.-C., Shin, K.G. Statistical real-time channels on multi-access networks 47119
Chou, C.T. *see* Huang, G.W. 30748
Chou, E.Y., Sheu, B.J., Chang, R.C. VLSI design of optimization and image processing cellular neural networks 21849
Chou, E.Y., Sheu, B.J., Tsai, R.H. A state-constrained model for cellular nonlinear network optimization 53498
Chou, F. *see* Gaxiola, S. 41688
Chou, H. *see* Chen, H.Z. 48974
Chou, H.-T., Pathak, P.H., Rousseau, P.R. Analytical solution for early-time transient radiation from pulse-excited parabolic reflector antennas 56177
Chou, H.T., Pathak, P.H., Zogbi, G., Burkholder, R.J. Fast and novel analysis of the EM radiation from large reflector antennas via Gaussian beams 34289
Chou, J.W. *see* Chen, C. 42610
Chou, K.C. Maximum-likelihood estimation of multiscale stochastic model parameters 35358
Chou, L.-J. *see* Hoke, W.E. 42150
Chou, L.J. *see* Moy, A.M. 3634
Chou, M.H., Arbore, M.A., Fejer, M.M. Periodically-segmented tapered waveguide for mode-size transformation and fundamental mode excitation 44032
Chou, P. *see* Chang, M. 16884
Chou, P.B., Rao, A.R., Sturzenbecker, M.C., Wu, F.Y., Brecher, V.H. Automatic defect classification for semiconductor manufacturing 39876
Chou, R.M., Saluja, K.K. Sequential circuit testing: from DFT to SFT 53169
Chou, S.H. Analysis and convergence of a covolume method for the generalized Stokes problem 40239
Chou, S.K., Chang, W.L. Large building cooling load and energy use estimation 61344
Chou, S.Y., Krauss, P.R. Imprint lithography with sub-10 nm feature size and high throughput 42859
Chou, S.Y., Krauss, P.R., Renstrom, P.J. Nanoimprint lithography 22732
Chou, S.Y., Liu, M.Y., Shi, R.C., Zhuang, L., Schablitsky, S.J. Terahertz tunable polarization-switching VCSELs 44513
Chou, S.Y. *see* Chen, B. 11636
Chou, S.Y. *see* Chen, E. 36555
Chou, S.Y. *see* Erli Chen 31456
Chou, S.Y. *see* Krauss, P.R. 2559
Chou, S.Y. *see* Langjie Guo 41176
Chou, S.Y. *see* Lei Zhuang 23961
Chou, S.Y. *see* Leobandung, E. 2696
Chou, S.Y. *see* Lingjie Guo 32472
Chou, S.Y. *see* Lingjie Guo 32474
Chou, S.Y. *see* Schablitsky, S.J. 23929
Chou, T. *see* Seguchi, T. 58089
Chou, T.-L. *see* Patil, P. 53224
Chou, T.-L. *see* Wang, C.-Y. 13133
Chou, T.-Y. System performance of ASIC packages 52225
Chou, T.-Y. *see* Jong, J.-M. 53085
Chou, W., Everton, J. Capacity planning for development wafer fab expansion 30163
Chou, W. *see* Bragg, A.W. 35532
Chou, W. *see* Peters, M. 309
Chou, W.C., Chen, F.R., Chiang, T.Y., Shin, H.Y., Sun, C.Y., Lin, C.M., Chern-Yu, K., Tsai, C.T., Chuu, D.S. Growth and characterization of $Cd_{1-x-y}Zn_xMn_yTe$ crystals 30697
Chou, W.C. *see* Liao, M.C.H. 52684
Chou, W.C. *see* Tsai, C.T. 921
Chou, W.K. *see* Zhang, C.N. 41023
Chou, W.Y. *see* Hwang, J.S. 22328
Chou, Y. *see* Chen, R.T. 20889
Chou, Y.-M., Hang, H.-M. A video coding algorithm based on image warping and nonrectangular DCT coding 56632
Chou, Y.C., Li, G.P., Wu, C.S. The effects of base dopant outdiffusion on low frequency noise characteristics of AlGaAs-GaAs heterojunction bipolar transistors 22784
Chou, Y.C., Li, G.P., Yu, K.K., Chu, P., Hou, L.D., Wu, C.S., Midford, T.A. Hot carrier reliability in high-power PHEMTs 32450
Chou, Y.C., Li, G.P., Yu, K.K., Wu, C.S., Chu, P., Hou, L.D., Midford, T.A. Off-state breakdown walkout in high-power PHEMT's 32449
Chou, Y.C. *see* Li, G.P. 22889
Chou Changsheng *see* Xu Zhongyou 53308
Chou Che-Chung *see* Che-Chung Chou
Chou Chien *see* Chien Chou
Chou Chih-Hsien *see* Chih-Hsien Chou
Chou Chih-Ju *see* Chih-Ju Chou
Chou Chun-Hsien *see* Chun-Hsien Chou
Chou Chung-Kwang *see* Chung-Kwang Chou
Chou Guang-Jong *see* Guang-Jong Chou
Chou Hsen-Hsin *see* Hsen-Hsin Chou
Chou Hsiung *see* Hsiung Chou
Chou I-Sheng *see* I-Sheng Chou
Chou Jung-Hua *see* Jung-Hua Chou
Chou Kuo-Sen *see* Kuo-Sen Chou
Chou Li-Der *see* Li-Der Chou
Chou Lim Chin *see* Chin Chou Lim
Chou Ming-Hsien *see* Ming-Hsien Chou
Chou Piin-Jye *see* Piin-Jye Chou
Chou Shih Wei *see* Shih Wei Chou
Chou Tai-Yu *see* Tai-Yu Chou
Chou Tan-Li *see* Tan-Li Chou
Chou Tsai Wen *see* Wen Chou Tsai
Chou Wayne-Shien, Chen Jenn-Hong, Hung Yu-Ming, Hung Shao-Pin A study on decision support system for electricity load forecasting 28840
Chou Wu *see* Wu Chou
Chou Wu-Chun *see* Wu-Chun Chou
Chou Wushow *see* Wushow Chou
Chou Yeongchang *see* Lee Chingting 40377
Choube, S.C. *see* Arya, L.D. 50427
Choudhary, A. *see* Chaudhry, S. 47483
Choudhary, A. *see* Jadav, D. 47366
Choudhary, A. *see* Jadav, D. 48220
Choudhary, A. *see* Srinilta, C. 47454
Choudhary, P., Agarwal, M.S., Nath, A.K. Amplitude modulation and power control of a pulse-preionized transverse-flow transverse-discharge CO_2 laser 55499
Choudhary, R.N.P. *see* Kar, T. 30977
Choudhury, A.K. *see* Basak, D. 46644
Choudhury, B.S. *see* Das, A.K. 48910
Choudhury, G.L. *see* Abate, J. 10256
Choudhury, G.L. *see* Abate, J. 21214
Choudhury, M. *see* Lambson, C. 2547
Choudhury, N. *see* Ehsani, H. 32968
Choudhury, P. *see* Chuan Lin 12726
Choudhury, P. *see* Kumar, K. 22581
Choudhury, P.K., Shukla, P.K., Khastgir, P., Ojha, S.P. Power estimation at cutoff in a planar guide with small parabolic deformation 33101
Choudhury, P.K. *see* Sharan, P. 43991
Choudhury, P.K. *see* Shukla, P.K. 4320
Choudhury, P.K. *see* Shukla, P.K. 23483
Choudhury, P.P. *see* Khan, A.R. 46379
Choudhury, P.P. *see* Sarkar, P. 53319
Choudhury, R.K. *see* Menon, S.S. 54509
Choueiry, B.Y. *see* Noubir, G. 57657
Chouhan, N. Application of transputer links and routers in telecommunication systems 47209
Chouinard, J.-Y. *see* Patenaude, F. 47823
Chouinard, J.-Y. *see* Penicaud, M. 47821
Chouinard, J.-Y., Fortier, P., Gulliver, T.A. *(editors)* Information Theory and Applications II. 4th Canadian Workshop. Selected Papers 42
Chouinard, R. Equipment performance monitoring: a Canadian Air Force perspective 59859
Choung Suk Oh, Young Tae Kim, Hyung Hwa Ko Image coding using cross-correlation of subband in the wavelet transform domain 15682
Choung Youn *see* Youn Choung
Choung-Chu Chen *see* Jow-Tsong Shy 13977
Chouraqui, P. *see* Eisen, Y. 37667
Chouteau, L. *see* Claeyssen, F. 19781
Choutov, D.A. *see* Gillis, H.P. 2355
Choutov, D.A. *see* Gillis, H.P. 12757

Choutov, D.A. *see* Gillis, H.P. 54460
Chouvarda, I. *see* Maglaveras, N. 49837
Chouzal, F. *see* Saoud, S.B. 60650
Chovelon, J.M. *see* Abdelghani, A. 27606
Chovet, A. *see* Del Medico, S. 17286
Chovet, A. *see* Popescu, A.E. 42967
Chow, C.L., Si, A., Lau, R.W.H., Leong, H.V. A genetic approach to video indexing 25782
Chow, D.H. *see* Bolognesi, C.-R. 13014
Chow, D.H. *see* Bolognesi, C.R. 1718
Chow, D.H. *see* De Lyon, T.J. 40429
Chow, D.H. *see* Dvorak, M.W. 13009
Chow, D.H. *see* Lei, P.-M. 21581
Chow, D.H. *see* Williamson, W., III 21637
Chow, G.M., Kurihara, L.K., Ma, D., Feng, C.R., Schoen, P.E., Martinez-Miranda, L.J. Alternative approach to electroless Cu metallization of AlN by a nonaqueous polyol process 54519
Chow, H.A., Alnuweiri, H. An FPGA-based transformable coprocessor for MPEG video processing 41193
Chow, J., Berger, T. Failure of successive refinement for symmetric Gaussian mixtures 24628
Chow, J. *see* Oh, S.Y. 43240
Chow, J. *see* Tostado, S. 241
Chow, J.H. *see* Jaewon Chang 50363
Chow, J.H. *see* Jaw-Kuen Shiau 8776
Chow, J.H. *see* Okamoto, H. 50322
Chow, J.H. *see* Sanchez-Gasca, J.J. 50457
Chow, J.H. *see* Taranto, G.N. 38278
Chow, K., Sesay, A. Multidelay block Hartley domain adaptive filter 41334
Chow, K.P., Lam, T.W., Lee, K.H. The telephone directory enquiry system of Hong Kong 26059
Chow, K.Y. *see* Leung, K.W. 4348
Chow, K.Y. *see* Leung, K.W. 45386
Chow, K.Y. *see* Luk, K.M. 45403
Chow, L.C., Sehmbey, M.S., Beam, J.E. Thermal management issues in cryo-electronics 22808
Chow, M.-Y., Tram, H. Methodology of urban redevelopment considerations in spatial load forecasting 60336
Chow, M.C.W., Chan, P.C.H. An improved strategy with transistor re-sizing capability for converting bulk CMOS polygon layout to SOI 13134
Chow, P. *see* Ming-Ju Ho 47734
Chow, P. *see* Saghir, M.A.R. 1338
Chow, P. *see* Wittig, R.D. 21717
Chow, P. *see* Yeh, D. 21575
Chow, P.K.O. *see* Weijia Jia 26104
Chow, P.P. *see* Van Hove, J.M. 52686
Chow, R. *see* Yann-Hang Lee 46630
Chow, S.-H., Ho, Y.-C., Hwang, T., Liu, C.L. Low power realization of finite state machines-a decomposition approach 31217
Chow, T.C. *see* Chen, H.Z. 48974
Chow, T.P. *see* Hu, Y.Z. 42440
Chow, T.P. *see* Khemka, V. 54383
Chow, T.P. *see* Ramungul, N. 2690
Chow, T.W.S. Condition monitoring of electric machines using third-order spectrum analysis 29338
Chow, T.W.S., Leung, C.T. Neural network based short-term load forecasting using weather compensation 19241
Chow, W.K., Wan, E.T.K., Cheung, K.P. Possibility of using laser-fibre optics as a fire detection system 33779
Chow, W.K. *see* Yeung, Y.N.A. 45802
Chow, W.W., Wright, A.F., Nelson, J.S., Hughes, S., Knorr, A., Koch, S.W. Microscopic theory of gain in a group-III nitride stained quantum well laser 33491
Chow, W.W. *see* Choquette, K.D. 3896
Chow, W.W. *see* Choquette, K.D. 33502
Chow, W.W. *see* Choquette, K.D. 55734
Chow, Y.L., Elsherbiny, M.M., Salama, M.M.A. Surface voltages and resistance of grounding systems of grid and rods in two-layer earth by the rapid Galerkin's moment method 38921
Chow, Y.L. *see* Safavi-Naeini, S. 34276
Chow, Y.T. *see* Zhuang Zhuo 33084
Chow Ting Chan, T.V., Reader, H.C. Modelling of modes and perspectives on multiple-feeds in microwave ovens 61339
Chow Yen-Lu *see* Yen-Lu Chow
Chow Yuk Tak *see* Yuk Tak Chow
Chow-Chong, P. *see* Dion, M. 55620
Chowanietz, E. *see* Yao, L. 36533
Chowdhary, M. *see* Gorur, R.S. 54963
Chowdhary, M. *see* Hovater, C. 49131
Chowdhry, A. *see* Varadarangan, K. 4395
Chowdhry, B.S., Memon, A.R., Kayastha, M. Microcontroller-based intelligent instrumentation for soil moisture measurements 58647
Chowdhry, T.S. *see* Tenenbaum, J.M. 57927
Chowdhuri, P., Mehairjan, S. Alternative to Monte Carlo method for the estimation of lightning incidence to overhead lines 60407
Chowdhury, A. *see* De Angel, E. 1481
Chowdhury, A.A., Koval, D.O. Delivery point reliability measurement 29901
Chowdhury, A.A. *see* Koval, D.O. 38307
Chowdhury, A.I., Read, W.W., Rubloff, G.W., Tedder, L.L., Parsons, G.N. Real-time process sensing and metrology in amorphous and selective area silicon plasma enhanced chemical vapor deposition using in situ mass spectrometry 40612
Chowdhury, A.R. *see* Guenin, B.M. 10142
Chowdhury, B.H. *see* Ghosh, S. 19094
Chowdhury, B.H. *see* Muknahallipatna, S. 50350
Chowdhury, D. *see* Hui, R. 33037
Chowdhury, D.R. *see* Bhattacharjee, S. 15996
Chowdhury, D.R. *see* Bhattacharjee, S. 56813
Chowdhury, D.R. *see* Chaudhry, H.K. 52976
Chowdhury, M. *see* Eisele, J.S. 9985
Chowdhury, N. *see* Gupta, R. 19592
Chowdhury, N.A. *see* Zhou, B. 19122
Chowdhury, P., Chou, A.I., Kumar, K., Chuan Lin, Lee, J.C. Improvement of ultrathin gate oxide and oxynitride integrity using fluorine implantation technique 22520
Chowdhury, P. *see* Chuan Lin 43059
Chowdhury, S., Sengupta, B. Design and performance of a threshold-based load balancing scheme in an ATM switch 35432
Chowdhury, S. *see* Giakos, G.C. 59471
Chowdhury-Nagle, S. *see* Iyer, S. 27580
Choy, B. *see* Gonzalez, F. 40881
Choy, C.L. *see* Chan, H.L.W. 32676
Choy, C.L. *see* Chan, H.L.W. 54937
Choy, C.L. *see* Ploss, B. 54929
Choy, C.L. *see* Zhang, Y. 54927
Choy, C.S. *see* Sit, V.W.Y. 53279
Choy, H.S. *see* Chan, P.T. 36586
Choy, I. *see* Choi, J.Y. 51214
Choy, I. *see* Kwon, S.H. 29666
Choy, J.H. *see* Chang, S.H. 29560
Choy, O.C.S. *see* Pang, J.T.C. 41262
Choy, S.S.O., Yuk-Hee Chan, Wan-Chi Siu Optimal choice of local regularization weights in iterative image restoration 5150
Choy, S.S.O., Yuk-Hee Chnn, Wan-Chi Siu An improved quantitative measure of image restoration quality 15983
Choy, S.S.O., Yuk-Hee Chan, Wan-Chi Siu Reduction of block-transform image coding artifacts by using local statistics of transform coefficients 25511
Choy, W.C.H., Li, E.H. The applications of an interdiffused quantum well in a normally on electroabsorptive Fabry-Perot reflection modulator 33134
Choy, W.W., Beaulieu, N.C. Improved bounds for error recovery times of decision feedback equalization 57552
Choy Chiu-Sing *see* Chiu-Sing Choy
Choy Ick *see* Ick Choy
Choy Iksu *see* Iksu Choy
Choyke, W.J. *see* Bornscheuer, K.H. 40591
Choyke, W.J. *see* Nishino, H. 48474
Chp-Yeol Lee, Yamashita, R., Masuzaki, M. Linear analysis of cyclotron-Cherenkov and Cherenkov instabilities in dielectric-loaded coaxial waveguides 56106
Chrabaszcz, I. *see* Kucer, P. 9622
Chraplyvy, A.R. *see* Horowitz, M. 26712
Chren, W.A., Jr. Delta-sigma demodulator with large oversampling ratio using the one-hot residue number system 1514
Chren, W.A., Jr. Low delay-power product CMOS design using one-hot residue coding 22987
Chren, W.A., Jr., Wyman, B.F. Digital oscillators over finite fields 21532
Chretien, O., Apetz, R., Vescan, L. Identification of dislocations in n-type $Si/Si_{0.88}Ge_{0.12}/Si$ heterostructures by deep-level transient spectroscopy 12371
Chretien, O., Apetz, R., Vescan, L., Souifi, A., Luth, H. Capture, storage, and emission of holes in $Si/Si_{1-x}Ge_x/Si$ QW's for the determination of the valence band offset by DLTS 2161
Chrien, R.E. *see* Murphy, T.J. 37407
Chrin, J. *see* Betts, W. 59222
Chrisey, D.B., Knauss, L.A., Horwitz, J.S., Auyeung, R.C.Y., Knies, D., Grabowski, K.S., Donovan, E.P., McCallion, K., Johnstone, W. Thin films of ferroelectrics made by pulsed laser deposition for optoelectronic applications 10898
Chrisey, D.B. *see* Dorsey, P.C. 43647
Chrisey, D.B. *see* Hardner, H.T. 32787
Chrisey, D.B. *see* Horwitz, J.S. 40623
Chrissikopoulos, V., Peppes, D. A practical conference key distribution system 4492
Chrissoulidis, D.P. *see* Papadopoulos, A.I. 33936
Chrissoulidis, D.P. *see* Stratigaki, L.G. 14574
Christ, B. *see* Riva, R. 14495
Christ, T., Gaus, J., Schroeder, W. Quality management in theory and practice 19141
Christ, T. *see* Gaus, J. 50678
Christakis, D., Psofogiannakis, M. Reduction of electricity cost by pump-storage unit in Crete island 19611
Christansen, D.H. *see* Knopp, K.J. 23880
Christen, D.K., Nortone, D.P., Goyal, A., Budai, J.D., Qing He, Klabunde, C.E., Kroeger, D.M., Parantharnan, M., Saffian, B., Specht, E.D. Biaxially oriented metallic tape substrates for high-temperature superconductors 52673
Christen, H.-M., Boatner, L.A., Budai, J.D., Chisholm, M.F., Gea, L.A., Norton, D.P., Gerber, C., Urbanik, M. Semiconducting epitaxial films of metastable $SrRu_{0.5}Sn_{0.5}O_3$ grown by pulsed laser deposition 52682
Christen, J. *see* Heinrichsdorff, F. 40651
Christen, J. *see* Nakashima, H. 12480
Christen, J. *see* Takeuchi, M. 40450
Christen, J. *see* Zacharias, M. 41822
Christensen, B. *see* Wang, Z. 23939
Christensen, C., Kersten, P., Henke, S., Bouwstra, S. Wafer through-hole interconnections with high vertical wiring densities 20855
Christensen, C.B. *see* Comstock, D.A. 18673
Christensen, D.H. *see* Knopp, K.J. 3901
Christensen, D.H. *see* Knopp, K.J. 44446
Christensen, D.H. *see* Schaafsma, D.T. 23983
Christensen, E.L. *see* Madsen, S.N. 27017
Christensen, E.Lintz *see* Lintz Christensen, E.
Christensen, G.E., Joshi, S.C., Miller, M.I. Individualizing anatomical atlases of the head 18389
Christensen, H.I., Matas, J., Kittler, J. Using grammars for scene interpretation 57324
Christensen, H.I. *see* Kristensen, S. 24965
Christensen, H.I. *see* Madsen, C.B. 15713
Christensen, J.J. *see* Crane, J.K. 14087
Christensen, K. *see* Agarwal, A. 12163
Christensen, K. *see* Violette, K.E. 802
Christensen, K.J. Performance evaluation of the binary logarithmic arbitration method (BLAM) 57822
Christensen, L. *see* Blaabjerg, F. 50952
Christensen, L. *see* Flack, W.W. 2552
Christensen, M.P., Haney, M.W. Smart pixel I/O layout constraints for a free-space parallel shuffle module 33334
Christensen, M.P. *see* Haney, M.W. 36177
Christensen, N.E., Wenneker, I., Svane, A., Fanciulli, M. Electronic structures of semiconductors under pressure 22223
Christensen, O. Riesz frames and finite-dimensional approaches to problems in frame theory 25169
Christensen, P. *see* Setzkorn, R. 8196
Christensen, P.A. *see* Ray, S.C. 19982
Christensen, R.A. *see* Meier, M.M. 28610
Christensen, S.S. *see* Jorgensen, T.M. 57307
Christenson, D.A., Huang, S.T. Estimating the fault content of software using the fix-on-fix model 16138
Christenson, G.L., Tran, A.T.T.D., Chua, C.L., Zhu, Z.-H., Lo, Y.-H., Hong, M., Mannaerts, J.P., Bhat, R. WDM transmitters using wavelength-tunable vertical-cavity lasers and resonant-cavity detectors 36113
Christenson, G.L., Tran, A.T.T.D., Miller, S.A., Haronian, D., Lo, Y.H., MacDonald, N.C. Surface micromachined interferometer-based optical reading technique 13547
Christenson, G.L. *see* Lo, Y.H. 44044
Christenson, K.K., Smith, S.M., Bode, C., Johnson, K. Effects of SC-1 dilution and temperature on various particle removal challenges 42485
Christenson, K.K., Smith, S.M., Nelson, S., Carlson, B., Bode, C., Johnson, K. Effects of sequential chemistries on particle removal 42482
Christenson, K.K. *see* Smith, S.M. 42452
Christenson, P.J., Chernin, D.P., Garner, A.L., Lau, Y.Y. Resistive destabilization of cycloidal electron flow and universality of (near-) Brillouin flow in a crossed-field gap 1929
Christenson, P.J., Lau, Y.Y. A new modulational instability in a crossed-field gap 12085
Christenson, P.J. *see* Chernin, D. 1909
Christenson, R. *see* Knight, K. 59962
Christenson, T.R., Guckel, H., Klein, J. A variable reluctance stepping microdynamometer 60812
Christer, A.H. *see* Scarf, P.A. 52112
Christiaens, F. *see* Beyne, E. 52261
Christian, B.S., Zhang, C.N., Mason, R. A VLSI interval router for high-speed networks 13138
Christian, L.A. Improved Josephson array step selection methods 27233
Christian, P.E., Baune, D.A., Datz, F.L. Experience with wide-area network nuclear medicine PACS 49834
Christian, W. *see* Hong, J. 55177
Christianen, P.C.M., van Hall, P.J., Bluyssen, H.J.A., Leys, M.R., Drost, L., Wolter, J.H. Ultrafast carrier dynamics at a metal-semiconductor interface 2232
Christiani, I. *see* Franco, P. 33688
Christiansen, A. *see* Cambell, P.K. 26851
Christiansen, A.-L., Ringberg, S. Optical mine reconnaissance at the National Defence Research Establishment. Multispectral imaging and classification: thermodynamic soil modelling 8608
Christiansen, H.E. *see* Markey, B.G. 8195
Christiansen, J. *see* Arenz, H. 13939
Christiansen, J. *see* Frank, K. 22142
Christiansen, J. *see* Frank, K. 28948
Christiansen, J. *see* Frank, K. 51407
Christiansen, J. *see* Hintz, G. 13938
Christiansen, J. *see* Prucker, U. 28951
Christiansen, J. *see* Schwandner, A. 29498
Christiansen, P.L. *see* Balslev Clausen, C. 44700
Christiansen, P.L. *see* Balslev Clausen, C. 55825
Christiansen, S. *see* Albrecht, M. 10778
Christiansen, S. *see* Albrecht, M. 40303
Christiansen, S. *see* Strunk, H.P. 718
Christiansen, W.H. *see* Shirrell, C.D. 1831
Christianson, B., Harbison, W.S. Why isn't trust transitive? 56310
Christianson, K.A., Anderson, W.T. Determination of AlGaAs/GaAs HEMT parasitic resistances 22877
Christianson, O.R. Power loss in SSC dipole magnets during a current ramp 43866
Christianson, O.R. Current redistribution in an SSC strand during a quench 43868

Christianson, O.R., Hall, D.J., Hoecker, D.A., Scherbarth, D.W., Swensrud, R.L., Toms, J.M., Hackworth, D.T. Design and projected performance of the Westinghouse μSMES unit 51623
Christianson, O.R. *see* Kupiszewski, T. 32946
Christides, C., Anagnostou, M., Petras, A., Niarchos, D. DC and AC magnetic susceptibility measurements in $LuFe_{12-x}Mo_x$ ($2.3<x<0.5$) alloys 3156
Christie, B., Morse, T., Nilius, D., Stuart, B. Turbine driven pump conditional probability comparison 38531
Christie, B., Souto, J., Woodson, T. Monitoring high pressure pump performance at Arkansas Nuclear One 38530
Christie, J.D. *see* Cook, G.D. 15143
Christie, P. *see* Abughazaleh, S.A. 42720
Christie, R.D., Bose, A. Load frequency control in hybrid electric power markets 8771
Christie, R.D. *see* Brown, R.E. 8887
Christie, R.D. *see* Brown, R.E. 50559
Christie, R.D. *see* Dahhaghchi, I. 38261
Christillin, M., Davoli, F., Giordano, A., Maryni, P., Vernazza, T., Volta, E. Design of a motorway information system and network that enable ATT applications 57728
Christjakov, S.P. *see* Chaly, A.M. 28953
Christman, A. A rhombic antenna case study 14708
Christman, J.A. *see* King, S.W. 12781
Christman, R.A. *see* Cray, B.A. 16993
Christman, S.B. *see* Weldon, M.K. 22553
Christman, S.B. *see* Weldon, M.K. 32203
Christman, S.B. *see* Weldon, M.K. 42300
Christman, S.B. *see* Weldon, M.K. 54403
Christmann, P. *see* Hofmann, D.M. 31816
Christmas, W.J., Kittler, J., Petrou, M. Exploiting temporal context in vision-based navigation 15762
Christmas, W.J. *see* Bartl, R. 46383
Christodoulides, D.N., Jander, R.B. Evolution of stimulated Raman crosstalk in wavelength division multiplexed systems 16707
Christodoulides, D.N. *see* Zhigang Chen 14324
Christodoulides, X. *see* Shikhin, V.A. 19727
Christodoulou, C. *see* Boreman, G.D. 7407
Christodoulou, C.G. *see* El Zooghby, A.H. 35987
Christodoulou, C.G. *see* Turner, G.M. 34303
Christoffel, E. *see* Kuznicki, Z.T. 39051
Christofides, C. *see* Mandelis, A. 41886
Christofides, C. *see* Othonos, A. 46453
Christoforou, N. *see* Gordon, C.L. 49510
Christophe, B. *see* Marchal, N. 7006
Christophe, E.Saint *see* Saint Christophe, E.
Christopher, D.A., Burns, P.N., Armstrong, J., Foster, F.S. A high frequency continuous-wave Doppler ultrasound system for detection of blood flow in the microcirculation 28185
Christopher, D.A., Burns, P.N., Armstrong, J., Foster, F.S. A high-frequency continuous-wave Doppler ultrasound system for the detection of blood flow in the microcirculation 28225
Christopher, D.A. *see* Lockwood, G.R. 18263
Christopher, G., Farach, M., Trick, M. The structure of circular decomposable metrics 10376
Christopher, S., Kaul, A., Rao, S.S., Prakash, V.V.S., Limaye, K.U. Cylindrical near-field measurement system: design and establishment 4340
Christopher, S. *see* Prakash, V.V.S. 4393
Christopher, T., Carstensen, E.L. Finite amplitude distortion and its relationship to linear derating formulae for diagnostic ultrasound systems 28094
Christopoulos, C. *see* Trenkic, V. 14658
Christopoulos, C. *see* Trenkic, V. 14659
Christopoulos, C. *see* Trenkic, V. 24508
Christopoulos, C. *see* Trenkic, V. 45271
Christopoulos, C.A. *see* Christopoulos, V.A. 56964
Christopoulos, V.A., Christopoulos, C.A., Philips, W., Cornelis, J. Segmented image coding with contour simplification for video sequences 56964
Christou, A. *see* Papastamatiou, M. 32445
Christou, A. *see* Strifas, N. 1734
Christou, J., Tikhonenko, V., Kivshar, Y.S., Luther-Davies, B. Vortex soliton motion and steering 4027
Christov, I. *see* Dotsinsky, I. 18427
Christov, I. *see* Rundquist, A. 4030
Christov, I.P. *see* Taft, G. 55588
Christy, D.H., Wallace, K.D., Lanzat, G.M., Holland, M.R., Hall, C.S., Scott, M.J., Cacheris, W.P., Gaffney, P.J., Miller, J.G., Wickline, S.A. Quantitative intravascular ultrasound. Demonstration using a novel site targeted acoustic contrast agent 18305
Christy, S., Horaud, R. Euclidean shape and motion from multiple perspective views by affine iterations 5488
Chrobot, S. *see* Stras, R. 26088
Chromik, S. *see* Spankova, M. 40368
Chromik, S. *see* Strbik, V. 43809
Chromik, S. *see* Strbik, V. 43823
Chronaki, C.E. *see* Orphanoudakis, S.C. 15424
Chrong-Fa Tsai *see* Tsai Chrong-Fa
Chrong-Jung Lin *see* Shih-Jye Shen 41165
Chroni, E., Taub, N., Panayiotopoulos, C.P. The importance of sample size for the estimation of F wave latency parameters in the peroneal nerve 28310
Chroni, E. *see* Panayiotopoulos, C.P. 28309
Chronis, W.C., Arenius, D.M., Bevins, B.S., Ganni, V., Kashy, D.H., Keesee, M.M., Reid, T.R., Wilson, J.D. Procurement and commissioning of the CHL refrigerator at CEBAF 37001
Chronis, W.C. *see* Arenius, D. 37000
Chronis, W.C. *see* Bevins, B.S. 37004
Chronister, E.L. *see* Berg, O. 33694
Chronister, I.G. *see* Shultis, J.K. 60278
Chrostowski, J. *see* Atieh, A.K. 13618
Chrostowski, J. *see* Atieh, A.K. 16515
Chrostowski, J. *see* Myslinski, P. 23801
Chrostowski, J. *see* Okamoto, T. 33206
Chrysanthis, P.K. *see* Banerjee, S. 47194
Chryssamallis, G. *see* Walls, W.A. 33890
Chryssaphinou, O., Papastavridis, S., Tsapelas, T. A generalized multi-standby multi-failure mode system with various repair facilities 39938
Chrzan, K., Pohl, Z., Grzybowski, S., Kohler, W. Pollution performance of 110 kV metal oxide arresters 50644
Chrzan, P.J., Szczesny, R. Fault diagnosis of voltage-fed inverter for induction motor drive 9640
Chrzan, P.J. *see* Szczesny, R. 61146
Chrzumnicka, K., Dubowik, J., Gontarz, R., Goscianska, I., Ratajczak, H., Smardz, L., Stobiecki, F., Szymanski, B. Soft magnetic properties of Co/Ti multilayers 23353
Chtchekine, D.G., Fu, L.P., Gilliland, G.D., Chen, Y., Ralph, S.E., Bajaj, K.K., Bu, Y., Lin, M.C., Bacalzo, F.T., Stock, S.R. Properties of low-pressure chemical vapor epitaxial GaN films grown using hydrazoic acid (HN_3) 40314
Chtcherbakov, A.A., Swart, P.L., Spammer, S.J. Dual wavelength Sagnac-Michelson distributed optical fiber sensor 48594
Chtioui, Y., Bertrand, D., Barba, D. Reduction of the size of the learning data in a probabilistic neural network by hierarchical clustering. Application to the discrimination of seeds by artificial vision 25540
Chtourou, M., Derbel, N., Ben Ali Kamoun, M. Control of a loaded induction machine using a feedforward neural network 29304
Chu, A.P. *see* Johnson, K.S. 2484
Chu, C.-C. *see* Kozlov, V. 24157
Chu, C.C. *see* Leung, S.H. 21807
Chu, C.H. *see* Chao, T.S. 22450
Chu, C.H. *see* Chao, T.S. 54651
Chu, C.H. *see* Pratt, M.A. 28206
Chu, C.L. Robust thin film thermoelectric devices 39241
Chu, C.L. *see* Iles, P.A. 38987
Chu, C.L. *see* Yeh, Y.C.M. 37982
Chu, C.M., Ball, M., Budnick, J., East, G., Ellison, M., Hamilton, B., Kang, X., Lee, S.Y., Liu, J.Y., Pei, A., Riabko, A., Sloan, T., Wang, L. A method of detecting coherent synchrotron modes 37038
Chu, C.M. *see* Jim-Mee Ng 47138
Chu, D. Intelligent battery charging type PIC14000 29432
Chu, D.D. *see* Thelen, D.C., Jr 48674
Chu, D.N., Xie, Y.M., Hira, A., Steven, G.P. On various aspects of evolutionary structural optimization for problems with stiffness constraints 30674
Chu, E.Y. *see* Schofield, G.L. 51273
Chu, H.Y., Lee, E.-H. Optical modulation characteristics of resonant tunneling diode oscillator 41450
Chu, H.Y., Yoo, B.-S., Park, M.W., Park, H.-H. Temperature-dependent characteristics of AlGaAs/GaAs gain-guided surface-emitting lasers 3809
Chu, J., Li, S.S., Wang, Y.H., Ho, P. A new compressively strained InGaAs-AlGaAs p-type quantum well infrared photodetector with ultra-low dark current and detective peaks in the LWIR and MWIR bands 48667
Chu, J. *see* Dubbelday, W.B. 43258
Chu, J. *see* Jialing Cai 8134
Chu, J. *see* Wang, D.C. 48668
Chu, J.H. *see* Kun Liu 31807
Chu, J.H. *see* Kun Liu 54078
Chu, J.H. *see* Li Biao 30819
Chu, J.O. *see* Adesida, I. 43131
Chu, J.O. *see* Arafa, M. 2722
Chu, J.O. *see* Arafa, M. 13027
Chu, J.O. *see* Koester, S.J. 2208
Chu, J.O. *see* Koester, S.J. 54205
Chu, J.O. *see* Lee, K.Y. 42147
Chu, J.O. *see* Rishton, S.A. 43040
Chu, K. *see* Burm, J. 41443
Chu, K. *see* Jinwook Burm 42254
Chu, K.-U. *see* Kim, K.-H. 6862
Chu, K.C., Heritage, J.P., Grant, R.S., White, W.E. Temporal interferometric measurement of femtosecond spectral phase 17838
Chu, K.H. *see* Lai, L.L. 50661
Chu, K.R., Guo, H., Granatstein, V.L. Study of the harmonic multiplying gyrotron traveling wave amplifier 1954
Chu, M. *see* Huang, F.Y. 48544
Chu, M. *see* Mandl, W. 17467
Chu, M.L. *see* Antos, J. 37373
Chu, M.T. *see* Xuzhou Chen 21156
Chu, P. *see* Chou, Y.C. 32449
Chu, P. *see* Chou, Y.C. 32450
Chu, P. *see* Wang, R. 31529
Chu, P. *see* Zurcher, P. 1378
Chu, P.-T., Chen, S.-F., Wu, J.-S., Hung, C.-C., Lin, T.-H., Chao, Y.-C. SOG etch-back process induced surface roughness 54506
Chu, P.-Y.V. An assessment of group decision-making theories and support technologies 40007
Chu, P.C. *see* Beasley, J.E. 451
Chu, P.K., Qin, S., Chan, C., Cheung, N.W., Larson, L.A. Plasma immersion ion implantation – a fledgling technique for semiconductor processing 32143
Chu, P.K., Smith, S.P., Bleiler, R.J. Long term reproducibility of secondary ion mass spectroscopy measurements in silicon 1969
Chu, P.K. *see* Choi, P.S. 42367
Chu, P.K. *see* Lu, X. 22529
Chu, P.K. *see* Min, J. 2325
Chu, P.K. *see* Poon, M.C. 32095
Chu, P.K. *see* Wai Shing Lau 42532
Chu, P.K. *see* Xiang Lu 54334
Chu, P.L. Voice-activated AGC for teleconferencing 15012
Chu, P.L. *see* Ankiewicz, A. 13614
Chu, P.L. *see* Bazylenko, M.V. 23715
Chu, P.L. *see* Elango, P. 26451
Chu, P.L. *see* Hatami-Hanza, H. 24100
Chu, P.L. *see* Hatami-Hanza, H. 26786
Chu, P.L. *see* Li, K. 43941
Chu, P.L. *see* Liguo Luo 23802
Chu, P.L. *see* Mostofi, A. 43966
Chu, P.L. *see* Roeksabutr, A. 55338
Chu, P.Y. *see* Bo Jiang 3002
Chu, Q.P., Mulder, J.A., van Woerkom, P.T.L.M. Modified recursive maximum likelihood adaptive filter for nonlinear aircraft flight-path reconstruction 18607
Chu, R. *see* Joo Leong Tham 6651
Chu, R.C. Thermal design considerations for future electronic packages 30240
Chu, R.F. *see* Jaw-Shyang Wu 50356
Chu, R.R. *see* Hull, C.D. 16627
Chu, R.Y.L. *see* Parry, C.K. 59843
Chu, S. *see* Assaderaghi, F. 13001
Chu, S. *see* Lu, P.F. 11278
Chu, S. *see* Sharma, R. 14947
Chu, S.-L.G. *see* Smith, I.W. 23718
Chu, S.N.G., Nakahara, S. A defect map for degradation of InGaAsP-InP long wavelength laser diodes 24008
Chu, S.N.G. *see* Passlack, M. 22480
Chu, S.N.G. *see* Tanbun-Ek, T. 55691
Chu, S.T., Miura, M., Kokubun, Y. Compact ARROW-type vertical coupler filter 3535
Chu, T.S., Borchard, P., Felch, K., Jory, H., Loring, C.M. CW, high power, gyrotron development at 110 GHz for ECH applications 12100
Chu, V. *see* Conde, J.P. 30902
Chu, W. *see* Capasso, C. 32299
Chu, W. *see* Hector, S. 32290
Chu, W.-J., Chen, H. Decoupled simulation of asymmetrical three-phase power network transients 8745
Chu, W.F. *see* Birke, P. 51455
Chu, W.K. *see* Choi, S.S. 31765
Chu, W.K. *see* Zhang, Z.H. 12651
Chu, X. *see* Klinger, L.M. 2432
Chu, X. *see* Klinger, L.M. 42768
Chu, Y.C. *see* Huang, W. 52918
Chu, Y.H. *see* Chen, J.S. 60043
Chu, Z., Sarro, P.M., Middelhoek, S. Silicon three-axial tactile sensor 17257
Chu, Z.H. *see* Braunschweig, W. 7808
Chu Cha-Ching *see* Cha-Ching Chu
Chu Chaching *see* Hsu, I.C. 37090
Chu Chang Kuo *see* Kuo Chu Chang
Chu Chia-Chi *see* Chia-Chi Chu
Chu Chih-Hsun *see* Chih-Hsun Chu
Chu Chong-Nam *see* Chong-Nam Chu
Chu Chung Ming *see* Chung Ming Chu
Chu Fulei, Li Guisan, Zhang Zhengsong Vibration features in waterfall diagrams and identification of common faults in rotating machinery 29234
Chu Fulei, Zhang Zhengsong, Feng Guanping Chaotic behavior of a rub rotor model 29232
Chu Fulei *see* Fang Zenan 29233
Chu Hon-Wai *see* Hon-Wai Chu
Chu Hsiao-Chang *see* Hsiao-Chang Chu
Chu Hwan Yim *see* Young Boo Kim 16491
Chu Hye Yong *see* Hye Yong Chu
Chu Jian *see* Gu Yong 61327
Chu Junhao *see* Gui Yongsheng 3580
Chu Junhao *see* Li Biao 30794
Chu Junhao *see* Zhu Jiqian 2050
Chu Junhao *see* Zhu Jiqian 30720
Chu Junhao *see* Junhao Chu
Chu Kwong Chak, Gang Feng, Hesketh, T. Multirate adaptive optimal control with application to DC motor 51033
Chu May-Ying *see* May-Ying Chu
Chu Ming Cheung, Imran Hajimusa, Lee Chew Peng, Lim Eng Sin, Englert, U. Single chip Chinese teletext decoder 57780
Chu Pak *see* Pak Chu
Chu Qing-Xin *see* Qing-Xin Chu
Chu Qinxin, Liang Changhong A dipole model of the small aperture 45367
Chu Ren-Chang *see* Ren-Chang Chu
Chu Ruey-Shi *see* Ruey-Shi Chu
Chu Tah-Hsiung *see* Tah-Hsiung Chu
Chu Tai-Po *see* Tai-Po Chu
Chu Tan *see* Tan Chu

Chu Wang *see* Wang Chu
Chu Wanming *see* Wanming Chu
Chu Yann-Fey *see* Hsu Wan-Pau 60239
Chu Yen-Hsyang *see* Yen-Hsyang Chu
Chu Yi *see* Yi Chu
Chu Yi-Chin *see* Yi-Chin Chu
Chu Yu-Lin *see* Yu-Lin Chu
Chu Yuan-Hua *see* Yuan-Hua Chu
Chu Yuan-Sun *see* Yuan-Sun Chu
Chu Yul *see* Yul Chu
Chu Yuxi, Chen Zhen Experimental study on intensity ripple of an intracavity mirror He-Ne laser 33384
Chu-Chou Lee *see* Wen-Tsuen Chen 5723
Chu-Shik Jhon *see* Kang Yi 11150
Chu-Shik Jhon *see* Kang Yi 11371
Chu-Sieng Long *see* Chugg, K.M. 14778
Chu-Song Chen, Yi-Ping Hung, Ja-Ling Wu Model-based object recognition using range images by combining morphological feature extraction and geometric hashing 5128
Chua, C.L., Thornton, R.L., Treat, D.W., Yang, V.K., Dunnrowicz, C.C. Indium tin oxide transparent electrodes for broad-area top-emitting vertical-cavity lasers fabricated using a single lithography step 55687
Chua, C.L. *see* Christenson, G.L. 36113
Chua, C.L. *see* Ejeckam, F.E. 36554
Chua, L.O. *see* Crounse, K.R. 5327
Chua, L.O. *see* Gilli, M. 30526
Chua, L.O. *see* Goras, L. 31429
Chua, L.O. *see* Kozek, T. 35086
Chua, L.O. *see* Lin-Bao Yang 35082
Chua, L.O. *see* Stoffels, A. 15693
Chua, L.O. *see* Tao Yang 35084
Chua, L.O. *see* Tao Yang 56354
Chua, L.O. *see* Toffels, A. 35083
Chua, L.O. *see* Yang, T. 35099
Chua, L.O. *see* Zarandy, A. 35091
Chua, L.O. *see* Zarandy, A. 35093
Chua, S.J. *see* Xu, S.J. 32034
Chua, S.W. *see* Hartland, A. 27826
Chua, S.W. *see* Ying, J.L. 27355
Chua, Yu.T. *see* Moo, C.S. 39376
Chua-Chin Wang Practical capacity and attraction radix analysis of exponential bidirectional associative memory 11447
Chua-Chin Wang, Yung-Chih Chen Hardware realization of multi-valued exponential bidirectional associative memory using current-mode circuits 1420
Chua-Han Lee *see* Haifeng Li 47498
Chualye Hing *see* Hing Chualye
Chuan, M. *see* Dohrmann, J.K. 2233
Chuan Chan Hock *see* Hock Chuan Chan
Chuan Fu Wang *see* Tien Sheng Chao 32391
Chuan He, Chyba, T.H. Solid-state barium nitrate Raman laser in the visible region 23867
Chuan Kuo Ching *see* Ching Chuan Kuo
Chuan Lian Koh, Ushio, T. Digital communication method based on M-synchronized chaotic systems 56259
Chuan Lin, Chou, A.I., Choudhury, P., Lee, J.C., Kumar, K., Doyle, B., Soleimani, H.R. Reliability of gate oxide grown on nitrogen-implanted Si substrates 12726
Chuan Lin, Chou, A.I., Kumar, K., Chowdhury, P., Lee, J.C. Leakage current, reliability characteristics, and boron penetration of ultra-thin (32-36 Å) O_2-oxides and N_2O/NO oxynitrides 43059
Chuan Lin *see* Chowdhury, P. 22520
Chuan Lin *see* Kumar, K. 22581
Chuan Lin *see* Lin Chuan
Chuan Tjin Swee *see* Swee Chuan Tjin
Chuan Wang *see* Dongkin Xu 14995
Chuan Xiang Xu *see* Xu Chuan Xiang
Chuan-Chang Hung *see* Shyh-Jier Huang 19168
Chuan-Chung Chen *see* Ching-Cheng Wang 25306
Chuan-Fei Zhang *see* Zhang Chuan-Fei
Chuan-Hui Luo *see* Luo Chuan-Hui
Chuan-I Chen, Sheng-Nian Yeh An improved finite element method for electromagnetic field analysis 11780
Chuan-Ing Yu *see* Hsu, I.C. 18053
Chuan-Kai Lin, Sheng-De Wang Adaptive fuzzy control of bank-to-turn missiles 50283
Chuan-Liang Chang *see* Shun-Hsyung Chang 25210
Chuan-Ming Li *see* Tzonelih Hwang 6224
Chuan-Pwu Wang *see* Nen-Fu Huang 57626
Chuan-Sin Cha *see* Zhong Shi 29542
Chuan-Xiang Xu *see* Zhen-Xian Liang 44236
Chuan-Yau Hoo *see* Geok-Leong Tan 192
Chuan-Zhen Ge *see* Shi-Ning Zhu 44742
Chuandong Li *see* Zhenhua Li 55547
Chuandong Zhao, Awai, I. Applications of the finite difference techniques to the compensated VIP 3 dB directional coupler 11652
Chuang, C., Chun-Hung Wen, Wen, J. A non-impact full screen convergence measurement system for monitor and ITC application 17661
Chuang, C.-H., Lee, L.-S. A coded modulation design with equal utilization of signal dimensions on two carrier frequencies using a simple convolutional code 4432
Chuang, C.F. *see* Harling, O.K. 8123
Chuang, C.S. *see* Ku, Y.S. 27250
Chuang, C.S. *see* Ku, Y.S. 27291
Chuang, C.T. *see* Lu, P.F. 11278
Chuang, E., Psaltis, D. Nonvolatile holographic storage methods 23448
Chuang, E. *see* Psaltis, D. 55947
Chuang, F.Y., Sun, C.Y., Chen, T.T., Lin, I.N. Local electron field emission characteristics of pulsed laser deposited diamondlike carbon films 12063
Chuang, F.Y., Sun, C.Y., Cheng, H.F., Huang, C.M., Lin, I.N. Electron emission characteristics of pulsed laser deposited diamond-like films 53932
Chuang, F.Y., Sun, C.Y., Cheng, H.F., Lin, I.N. Enhancement on field emission characteristics of pulsed laser deposited diamondlike carbon films using Au precoatings 53933
Chuang, H.-R. Numerical computation of fat layer effects on microwave near-field radiation to the abdomen of a full-scale human body model 28427
Chuang, H.J. *see* Chen, T.H. 60207
Chuang, I.L., Yamamoto, Y. Creation of a persistent quantum bit using error correction 45551
Chuang, J.C.-I., Letaief, K.B., Kwan Fai Cheung, Ling, C.C., Murch, R.D., Nguyen, C.T., Yu, R. Wireless personal communications in Hong Kong: a university perspective 58210
Chuang, K. *see* Kang, S.-Y. 12022
Chuang, K.-R. *see* Chen, S.-A. 33301
Chuang, L.-M. *see* Chang, C.-W. 28331
Chuang, M.L. *see* McConnell, M.V. 28274
Chuang, S.-C., Greaves, D. Securing the residential asynchronous transfer mode networks 57731
Chuang, S.H. *see* Sun, S.C. 2436
Chuang, S.L., Ukita, M., Kijima, S., Taniguchi, S., Ishibashi, A. Optical output degradation of II-VI blue-green light emitting diodes 33293
Chuang, S.L. *see* Fang, W. 23922
Chuang, S.L. *see* Fang, W. 33499
Chuang, S.L. *see* Li, J. 44543
Chuang, S.L. *see* Minch, J. 44654
Chuang, S.L. *see* Sengupta, D.K. 27577
Chuang, S.L. *see* Sengupta, D.K. 27579
Chuang, S.L. *see* Sengupta, D.K. 48666
Chuang, S.L. *see* Sengupta, D.K. 54326
Chuang, S.L. *see* Yoshida, H. 14161
Chuang, Y.C. *see* Moo, C.S. 39389
Chuang, Y.C. *see* Moo, C.S. 51826
Chuang, Y.C. *see* Sui, Y.C. 32877
Chuang, Z.M., Wang, C.Y., Lin, W., Liao, H.H., Su, J.Y., Tu, Y.K. Very-low-threshold, highly efficient, and low-chirp 1.55-μm complex-coupled DFB lasers with a current-blocking grating 3827
Chuang, Z.M., Wang, C.Y., Lin, W., Liao, H.H., Su, J.Y., Tu, Y.K., Ching-Ting Lee New complex-coupled 1.55-μm DFB laser with a current blocking grating 23919
Chuang Chih-Chwen *see* Chih-Chwen Chuang
Chuang Gu *see* Ming-Chieh Lee 35187
Chuang He, Moura, J.M.F., Benno, S.A. Gap detector for multipath 24953
Chuang Hsien-Ho *see* Hsien-Ho Chuang
Chuang Huey-Ru *see* Huey-Ru Chuang
Chuang Jen-Hui *see* Jen-Hui Chuang
Chuang Jun-Ming *see* Jun-Ming Chuang
Chuang Kuen-Ru *see* Kuen-Ru Chuang
Chuang Ming Lin *see* Ming Lin Chuang
Chuang Pai *see* Chen-Kai Huang 5099
Chuang Shaw-Cheng *see* Shaw-Cheng Chuang
Chuang Shun-Lien *see* Shun-Lien Chuang
Chuang Wei-Ching *see* Wei-Ching Chuang
Chuang Yung-Hui *see* Yung-Hui Chuang
Chuang Zhang *see* Zhang Chuang
Chuang-Chen Chiu The development of a computerized tongue diagnosis system 18226
Chuangdong Li *see* Wentao Hu 33393
Chuangshe Wang *see* Wang Chuangshe
Chuangtian Chen, Baichang Wu, Wenlong Zeng, Yebin Wang, Ning Ye, Linhua Yu New nonlinear optical crystal $Sr_2Be_2B_2O_7$: growth and properties 14280
Chuankun Wu *see* Wu Chuankun
Chuanli Zhang *see* Zhang Chuanli
Chuanlin Wu *see* Jin Li 46643
Chuanlu Li *see* Li Chuanlu
Chuanxia Rao *see* Lototsky, S.V. 45827
Chuanxiang Xu *see* Xu Chuanxiang
Chuanyuan Wen *see* Wen Chuanyuan
Chuanzhen Ge *see* Aidong Li 43582
Chuanzheng Ge *see* Li Sun 55159
Chuaqui, H. *see* Skowronek, M. 22140
Chubachi, H. *see* Ohtani, H. 7080
Chubachi, N. *see* Chiba, T. 12020
Chubachi, N. *see* Kanai, H. 59099
Chubachi, N. *see* Kanai, H. 59428
Chubachi, N. *see* Kushibiki, J. 3574
Chubachi, N. *see* Matsuki, H. 8138
Chubachi, N. *see* Matsuki, H. 8139
Chubaeva, L.I. *see* Berezhansky, V.B. 60693
Chubakov, P.A. *see* Zhuravlev, F.A. 24140
Chubarev, V.G. *see* Sakhno, V.I. 21296
Chubb, D.L. *see* Good, B.S. 20081
Chubing Peng *see* Peng Chubing
Chubraeva, L.I. Possible applications of superconducting electrical machines 50918
Chubraeva, L.I., Sirotko, D.V. Improvements in the design of a cryoalternator armature 50961
Chubraeva, L.I. *see* Glebov, I.A. 50929
Chubun, N.N., Sudakova, L.N. Technology and emission properties of dispenser cathode with controlled porosity 53911
Chubun, N.N. *see* Givargizov, E.I. 53940
Chubun, N.N. *see* Givargizov, E.I. 58929
Chubykin, A.A. New scientific and technological solutions in the optical wavelength range for navigation in space 8219
Chuc, K. *see* Loewenhardt, P.K. 54478
Chuchem, D. *see* Kalisky, Y. 55492
Chuck Wong, Priest, K. Current sharing for paralleled IGBTs using statistics method 32397
Chudinovich, I., Lytova, A. Mathematical questions of the boundary equation method in non-stationary problems of the diffraction of electromagnetic waves 45019
Chudleigh, M., Berridge, C., Butler, J., May, R., Poole, I. SADLI: functional programming in a safety critical application 25659
Chudleigh, M.F. *see* Redmill, F. 52369
Chudnovskij, A. *see* Neubauer, O. 48842
Chudnovsky, V., Axelrod, B., Shenkman, A.L. An approximate analysis of a starting process of a current source parallel inverter with a high-Q induction heating load 51845
Chudoba, C. *see* Di Gaspare, L. 2119
Chudobiak, M.J., Walkey, D.J. Forward transient charge injection in psn diodes at medium to high injection levels 12886
Chudy, J. *see* Kvasnica, P. 19194
Chuen-Der Lien *see* Zhijian Ma 2834
Chuen-Jyi Ko *see* Chang-Fa Yang 34045
Chuen-Jyi Ko *see* Chang-Fa Yang 34061
Chueng, N.W. *see* Lu, X. 22529
Chufu Zeng *see* Zeng Chufu
Chugg, B. *see* Cabrera, B. 37470
Chugg, B. *see* Shutt, T. 37472
Chugg, K.M., Chu-Sieng Long, Polydoros, A. Combined likelihood power estimation and multiple hypothesis modulation classification 14778
Chugg, K.M. *see* Neifeld, M.A. 3329
Chugunov, A.A., Shlepnev, I.O., Romanov, M.L., Nikulenkov, E.V., Vorobe'eva, A.E., Mareev, K.A. Eddy-current flaw detection in elements of sectional blanks for making superconducting leads with the aid of a computerized system of signal processing 52910
Chugurian, H. *see* Egiazarian, K. 15399
Chugurin, V.V. *see* Rabinovich, M.I. 4833
Chui, B.W., Stowe, T.D., Kenny, T.W., Mamin, H.J., Terris, B.D., Rugar, D. Low-stiffness silicon cantilevers for thermal writing and piezoresistive readback with the atomic force microscope 2862
Chui, C.K. *see* Minsheng Wang 45767
Chui, C.S. *see* Ling, C.C. 8088
Chui, H.C., Biefeld, R.M., Hammons, B.E., Breiland, W.G., Brennan, T.M., Jones, E.D., Moffat, H.K., Kim, M.H., Grodzinski, P., Chang, K.H., Lee, H.C. Tertiarybutylarsine for metalorganic chemical vapor deposition growth of high purity, high uniformity films 52786
Chui, H.C. *see* Choquette, K.D. 3896
Chui, H.C. *see* Choquette, K.D. 24002
Chui, H.C. *see* Geib, K.M. 23998
Chui, H.C. *see* Hou, H.Q. 14175
Chui, H.C. *see* McGregor, D.S. 37323
Chui, H.C. *see* Weckwerth, M.V. 32185
Chui, J. *see* Zijdenbos, A. 18502
Chui Jong-Woo *see* Jong-Woo Chui
Chui Siu-Pun *see* Siu-Pun Chui
Chuihui Zhao *see* Zhao Chuihui
Chuiv, N.N. *see* Banerjee, P.K. 10210
Chujo, T., Enosawa, K., Higuchi, R., Kanoh, K., Kurata, M., Kurita, K., Miake, Y., Miyamoto, Y., Nishimura, S., Okuma, Y., Sato, S., Yokota, Y., Yagi, K. A gas Cherenkov beam counter with a timing resolution of 30 ps for relativistic heavy ion experiments 37284
Chujoh, T., Watanabe, T. Reversible code and its application to error-tolerant video coding 46443
Chukalina, M.V. *see* Dremova, N.N. 18122
Chuku, A. *see* Momoh, J.A. 20528
Chukwujelwu Okafor, A., Chandrashekhara, K., Jiang, Y.P. Location of impact in composite plates using waveform-based acoustic emission and Gaussian cross-correlation techniques 11019
Chul Cho Ung *see* Ung Chul Cho
Chul Chung Yun *see* Yun Chul Chung
Chul Han Ki *see* Ki Chul Han
Chul Han Kwon *see* Dong Hyun Yun 27726
Chul Han Kwon *see* Hyung-Ki Hong 36760
Chul Hong Sung *see* Sung Chul Hong
Chul Hwan Jung *see* Byung Hoon Jeong 54462
Chul Kang Hyun *see* Hyun Chul Kang
Chul Kim Doo *see* Doo Chul Kim
Chul Kim Hyun *see* Hyun Chul Kim
Chul Kim Nam *see* Nam Chul Kim
Chul Kim Rin *see* Rin Chul Kim
Chul Kim Sung *see* Sung Chul Kim
Chul Lee Hee *see* Hee Chul Lee
Chul Park Kwon *see* Kwon Chul Park
Chul Son Kwang *see* Kwang Chul Son
Chul Song Jai *see* Jai Chul Song
Chul Soon Park *see* Jin-Hee Lee 13015
Chul Woo Lee, Chong Sam Chung, Kun Ho Cho, Pyong Yong Seong, Tae-Kyung Kim, Soo Yul Jung, Byoung Ho Choi, Jang Hoon Yoo, Joong Eon Seo, Dong Ho Shin A compact-disc-compatible digital versatile disc pickup using annular mask 43910
Chul Woong Park *see* Yong Sim Yoo 54405
Chul Yoon Wan *see* Wan Chul Yoon
Chul-Dong Lee *see* Gil-Cho Ahn 11542
Chul-Hi Han *see* Hi-Deok Lee 43382
Chul-Hi Han *see* Jin-Woo Lee 54642

Chul-Hwan Kim *see* Chul-Won Park 19825
Chul-Hwan Kim *see* Myong-Hee Lee 50623
Chul-Jin Park, Seong-Jin Ahn, Jin-Wook Chung, Choon-Hi Lee, Chang-Soon Park The improvement for integrity between DHCP and DNS 57924
Chul-Ju Kim *see* Jae-Hong Park 54667
Chul-Soon Park *see* Byung-Sun Park 13007
Chul-Won Park, Chul-Hwan Kim, Myong-Chul Shin A study on fault discriminant of power transformer using discrete Hartley transform filter 19825
Chul-Woo Kim *see* Kim Chul-Woo
Chul-Wook Lee *see* Hyun-Tae Choi 12257
Chulhee Lee, Landgrebe, D.A. Decision boundary feature extraction for neural networks 15964
Chulhee Lee *see* Vrhel, M. 15294
Chulkina, A.A. *see* Ul'yanov, A.I. 52909
Chulkov, V.V., Pertsev, A.A. Investigation of the voltage of arc ignition between vacuum interrupter contacts after the arcing 29459
Chuln-Chang Hung *see* Hung Chuln-Chang
Chultem, D., Damdinsuren, Ts., D'yachenko, V.M., Enkhjin, L., Lomova, L.A., Perelygin, V.P., Tolstov, K.D. Measurement of the neutron component in a shower generated in a lead target by relativistic nuclear beam 37164
Chuma, H. *see* Agawa, H. 27390
Chumachenko, V., Krapivnoy, A., Zasovenko, V. Computation of the eigenmodes' system of generalized slotline by means of the domains' product technique 45309
Chumachenko, V., Pyankov, V. Joint use of generalized scattering matrices and domains' product technique in theory of complicated planar waveguide structures 45310
Chumakov, A. *see* Rueffer, R. 7844
Chumakov, A.I., Metge, J., Baron, A.Q.R., Gruensteudel, H., Gruensteudel, H.F., Rueffer, R., Ishikawa, T. An X-ray monochromator with 1.65 meV energy resolution 37547
Chumakov, A.I., Yanenko, A.V. Radiation and post-irradiation functional upsets in CMOS SRAM 21698
Chumakov, A.I. *see* Shvetzov-Shilovsky, I.N. 22997
Chumash, V.N. *see* Vlad, V.I. 4150
Chumney, D.R. *see* Gingrich, H.S. 23975
Chun, C.K.Y. *see* Kemme, S.A. 55688
Chun, C.K.Y. *see* Schwartz, D.B. 23710
Chun, C.K.Y. *see* Schwartz, D.B. 58390
Chun, C.S.L., Fleming, D.L., Harvey, W.A., Torok, E.J., Sadjadi, F.A. Synthetic vision using polarization-sensitive , thermal imaging 17510
Chun, H.J., Thomas, P.D., Bowles, J.A. A software-controlled analog random pattern generator for space-borne detector simulation 7188
Chun, H.S. *see* Tsay, C.L. 39373
Chun, K. *see* Lee, C. 42824
Chun, M.K. *see* Lee, J.M. 55516
Chun, W. *see* Valdez, T.I. 61066
Chun, Y.-J., Nakajima, S., Okada, Y., Kawabe, M. Uniform quantum dots by self-organizing process in atomic hydrogen-assisted MBE 716
Chun, Y.J., Nakajima, S., Okada, Y., Kawabe, M. The role of atomic hydrogen for formation of quantum dots by self-organizing process in MBE 12481
Chun, Y.J., Okada, Y., Kawabe, M. Surfactant effects of atomic hydrogen on low-temperature growth of InAs on InP 30739
Chun, Y.R. *see* Bai, D.S. 52330
Chun, Y.S., Murata, H., Ho, I.H., Hsu, T.C., Stringfellow, G.B. Use of V/III ratio to produce heterostructures in ordered GaInP 40355
Chun Chong Son *see* Chong Son Chun
Chun Chong-Son *see* Chong-Son Chun
Chun Fai Chan *see* Staples, J.W. 37126
Chun Gyoo Lee, Byung Gook Park, Jong Duk Lee Fabrication and characterization of volcano-shaped field emitters surrounded by planar gates 53938
Chun Gyoo Lee *see* Il Hwan Kim 53960
Chun Hai Soo *see* Hai Soo Chun
Chun Hsing Liu, Yokoyama, M., Yan Kuin Su Effect of atomic layer epitaxy growth conditions on the properties of ZnS epilayers on (100)-Si substrate 776
Chun Hsiung Chen *see* Cheng-Nan Chiu 33978
Chun Hsiung Chen *see* Cheng-Nan Chiu 34002
Chun Hsiung Chen *see* Chun-Lin Liao 24518
Chun Hsiung Chen *see* Hsiao-Chang Chu 33940
Chun Hu, Li, G.P., Worley, E., White, J. Consideration of low-frequency noise in MOSFETs for analog performance 12932
Chun Hwan-Sul *see* Hwan-Sul Chun
Chun Jang Ho *see* Jang Ho Chun
Chun Jang-Sung *see* Jang-Sung Chun
Chun Jongtae *see* Jongtae Chun
Chun Keun Kim *see* Min-Suk Lee 40374
Chun Kim Sung *see* Sung Chun Kim
Chun Kin Chan, Seraidaridia, C.I., Tortorella, M. Sequential sampling plans for early-life reliability assessment 52346
Chun Kukjin *see* Kukjin Chun
Chun Kwang-Ho *see* Kwang-Ho Chun
Chun Kyu-Chang *see* Kyu-Chang Chun
Chun Lim Hee *see* Hee Chun Lim
Chun Ma *see* Ma Chun
Chun Moo-Young *see* Moo-Young Chun
Chun Moon-Hyun *see* Moon-Hyun Chun
Chun Pao Kuo *see* Ting Nung Shiau 50879
Chun Shi Wan *see* Shi Wan Chun
Chun Soung-Soon *see* Soung-Soon Chun
Chun Sung-Moon *see* Sung-Moon Chun
Chun Wang *see* Ba-Zhong Shen 24707
Chun Wangjae, Asakura, K., Iwasawa, Y. Application of a CdTe solid-state detector to polarization-dependent total-reflection fluorescence XAFS measurements 7842
Chun Yang *see* Fischer, G. 17284
Chun Ye, Keranen, E. Nonmechanical rotation of a linear polarizer preceding a photodetector 44106
Chun Yuan Chen *see* Shye Lin Wu 22551
Chun Zhang *see* Zhang Chun
Chun Zhu Song *see* Song Chun Zhu
Chun-Chang Liu *see* Chih-Wen Liu 50476
Chun-Che Huang *see* Chang-Xue Feng 143
Chun-Che Huang *see* Kusiak, A. 20856
Chun-Chieh Wang, Wen-Jieh Wang A modified adaptive speed controller for induction motor drives 20112
Chun-Chieh Wang, Wen-Jieh Wang A composite adaptive speed controller for induction motor drives 29699
Chun-Fu Huang *see* Wen-Tsuen Chen 5723
Chun-Fu Wang *see* Wen-Hao Tsai 17706
Chun-Gon Kim *see* Chang-Sun Hong 17399
Chun-Hong Lin *see* Chen, W.-S.E. 46653
Chun-Hsien Chou Low bit rate 3-D subband video coding based on the allocation of just noticeable distortion 56950
Chun-Hung Chen *see* Yi-Jen Chan 54704
Chun-Hung Wen *see* Chuang, C. 17661
Chun-Jung Chiu *see* Liwei Lin 23071
Chun-Kit Chan, Tong, F., Lian-Kuan Chen, Jian Song, Lam, D. A practical passive surveillance scheme for optically amplified passive branched optical networks 47972
Chun-Kwan Park, Byung-Chun Jeon, Young-Sun Kim, Yung-Kwon Kim A congestion control scheme for connectionless server using ABR traffic control mechanism 25874
Chun-Lei Wang *see* Wang Chun-Lei
Chun-Li Hou, Jean-Shin Wu Universal cascadable current-mode biquad using only four CCIIs 53414
Chun-Li Hou, Jean-Shin Wu, Hwang, J., Hsiu-Chih Lin OTA-based even-phase sinusoidal oscillators 53066
Chun-Li Hou, Yean, R., Chien-Kuo Chang Single-element controlled oscillators using single FTFN 1161
Chun-Lin Liao, Yu-Ming Tu, Jeng-Yi Ke, Chun Hsiung Chen Transient propagation in lossy coplanar waveguides 24518
Chun-Ling Li *see* Li Chun-Ling
Chun-Ming Huang *see* Jeng-Ji Huang 35926
Chun-Ming Huang *see* Le-Pond Chin 36050
Chun-Mo Lee, Myong-Chul Shin A development of tearing algorithm for parallel processing of power system analysis 60183
Chun-Nan Lin *see* Ching-Hsing Luo 7855
Chun-Ning Zhu *see* Jin-Teong Ong 34065
Chun-On Ho *see* Lo, T.K. 24571
Chun-Shan Shi *see* Chang-Tai Xia 23672
Chun-Shien Lu, Wen-Liang Hwang, Hong-Yung Mark Liao, Pau-Choo Chung Shape from texture based on the ridge of continuous wavelet transform 56779
Chun-Sum Ng *see* Chee-Kiang Goh 1585
Chun-Sung Chiang, Kanicki, J., Libsch, F.R. Electrical performance of top-gate amorphous silicon thin-film transistors 12943
Chun-Ta Ho, Ling-Hwei Chen New method for circle detection by symmetry 15862
Chun-Ta Ho, Ling-Hwei Chen A new high-speed algorithm for line detection 15863
Chun-Te Chen, Liang-Gee Chen A self-adjusting weighted median filter for removing impulse noise in images 56934
Chun-Te Li, Mingzhe Lu, Shizhuo Yin, Yu, F.T.S., Hudson, T.D., McMillen, D.K. Performance of quantized composite filters in a joint transform correlator 46117
Chun-Xiao Gao *see* Gao Chun-Xiao
Chun-Yao Huang *see* Huang-Chung Cheng 12988
Chun-Yen Chang, Chiung-Wei Lin A high-performance thin-film transistor with a vertical offset structure 12938
Chun-Yen Chang *see* Chao-Hsin Chien 22743
Chun-Yen Chang *see* Chao-Hsin Chien 54291
Chun-Yen Chang *see* Chun-Yi Chai 54253
Chun-Yen Chang *see* Hsiao-Yi Lin 22803
Chun-Yen Chang *see* Hsiao-Yi Lin 36513
Chun-Yen Chang *see* Tean-Sen Jen 44286
Chun-Yen Chang *see* Wen-Chung Tsai 54147
Chun-Yen Chang *see* Yeong-Lin Lai 32267
Chun-Yen Chang *see* Yu-Jane Mei 42681
Chun-Yen Chang *see* Yu-Jane Mei 42683
Chun-Yi Chai, Jung-A Huang, Yong-Lin Lai, Janne-Wha Wu, Chun-Yen Chang, Yi-Jen Chan, Huang-Chung Cheng Au/Ge/Pd ohmic contacts to n-GaAs with the Mo/Ti diffusion barrier 54253
Chun-Ying Chen, Kanicki, J. High field-effect-mobility a-Si:H TFT based on high deposition-rate materials 2691
Chun-Ying Chen, Kanicki, J. Simulation of influence of density of states in a-Si:H on electrical performance of a-Si:H thin-film transistors 12945
Chun-Yueh Huang, Ching-Jone Wang, Bin-Da Li Modular current-mode multiple input minimum circuit for fuzzy logic controllers 1286
Chunbo Feng *see* Feng Chunbo
Chunfei Li *see* Sheng Zhong 25303
Chunfei Li *see* Sheng Zhong 56839
Chunfei Li *see* Xinxian Bao 24089
Chunfei Li *see* Xinxian Bao 24232
Chunfei Li *see* Xinxian Bao 55170
Chunfei Li *see* Li Chunfei
Chunfei Ye *see* Ye Chunfei
Chunfeng Wang *see* Wang Chunfeng
Chung, A. *see* Hynynen, K. 8102
Chung, B., Cho, H., Lee, S., Ko, T.Y., Lee, J.Y., Jeon, D., Lee, K.R., Joo, B.K., Oh, M.H. Silicon field emitters coated with diamond-like carbon 53917
Chung, B. *see* Lee, S. 53918
Chung, B.C., Marshall, G.A., Pearce, C.W., Yanders, K.P. The prevention of Si pitting in hydrofluoric acid cleaning by additions of hydrochloric acid 42540
Chung, C.H. *see* Lee, C.K. 39870
Chung, C.K. *see* Chen, J.C. 1414
Chung, C.Y., Kim, M.H., Lee, H.Y., Kim, P.S. A study on effect of capture volume in a cavity on direct containment heating phenomena 19522
Chung, C.Y., Whites, K.W. Effective constitutive parameters for an artificial uniaxial bianisotropic chiral medium 4240
Chung, C.Y. *see* Ng, S.C. 4714
Chung, C.Y. *see* Whites, K.W. 55995
Chung, D., Merat, F.L. Neural network based sensor array signal processing 24972
Chung, D.D.L. *see* Luo, X. 34109
Chung, D.D.L. *see* Salib, M.S. 3523
Chung, D.D.L. *see* Shoukai Wang 52864
Chung, D.D.L. *see* Xiaojun Wang 1002
Chung, D.D.L. *see* Xiaojun Wang 36544
Chung, D.D.L. *see* Xiaoping Shui 7260
Chung, D.D.L. *see* Xiaoping Shui 40697
Chung, D.T. *see* Sam-Yong Bahng 56806
Chung, H., Hui, S.Y.R., Tse, K.K. Reduction of EMI emission from power converters using soft-switching technique 9327
Chung, H. *see* Park, C.Y. 16038
Chung, H. *see* Wong, B.K.H. 40867
Chung, H. *see* Yoo, J. 13481
Chung, H.B. *see* Kim, D.H. 2491
Chung, H.Y. *see* Kamp, H. 21262
Chung, I. *see* Seo, C. 45599
Chung, I.Y. *see* Kim, M.R. 179
Chung, J. *see* Prasad, S. 42604
Chung, J.-M., Nagata, T., Ohnishi, N. Measuring human actions using sequential boundary contour pairs 25785
Chung, J.E. Key issues in evaluating hot-carrier reliability 54792
Chung, J.E. *see* Allen, L.P. 12592
Chung, J.E. *see* Boning, D.S. 39887
Chung, J.E. *see* Kim, S.W.A. 43047
Chung, J.E. *see* Krska, J.-H.Y. 2267
Chung, J.E. *see* Krska, J.-H.Y. 22462
Chung, J.E. *see* Stine, B.E. 32526
Chung, J.E. *see* Stine, B.E. 43216
Chung, J.H. *see* Choi, B.J. 31072
Chung, J.I. *see* Jung, J.W. 6649
Chung, J.W., De-Yu Kao, Chung-Kuan Cheng, Ting-Ting Lin Optimization of power dissipation and skew sensitivity in clock buffer synthesis 21780
Chung, J.W. *see* Lee, K.D. 12825
Chung, J.W. *see* Wong, S.M. 38569
Chung, K. *see* Monti, C.T. 315
Chung, K. *see* Monti, C.T. 321
Chung, K.-S., Gupta, R.K., Liu, C.L. An algorithm for synthesis of system-level interface circuits 11360
Chung, K.-W., Lee, J.-H., Park, K.-R., Kim, J.-M. Implementation of a modified TE_{113}/TM_{012} triple-mode waveguide bandpass filter 41426
Chung, K.B. Numerical analysis of readout-signal cross talk in magneto-optical land and groove recording 55334
Chung, M.S., Im, Y.J., Kim, C.M. Analysis of directional couplers by the modified WKB theory 3432
Chung, M.S., Sato, F., Miyagishi, O. Real-time supporting environments for multimedia networking 35819
Chung, M.Y. Development of a new 30 GHz band transceiver system for the multimedia characteristics. I 26401
Chung, M.Y., Sung, D.K. Performance evaluation of intelligent networks accommodating various IN services as well as basic ISDN services 47314
Chung, P.C. *see* Lu, C.S. 57197
Chung, P.S. *see* Zhao Souan 23546
Chung, P.S. *see* Zhu, N.H. 45295
Chung, P.Tiet Hue *see* Tiet Hue Chung, P.
Chung, P.W.H. *see* Broomfield, E.J. 52109
Chung, R., Chi-Kin Ho Using 2D active contour models for 3D reconstruction from serial sections 5307
Chung, R., Nevatia, R. Recovering LSHGCs and SHGCs from stereo 5494
Chung, R. *see* Johnson, R.B. 36655
Chung, S.-J. *see* Kim, J.-S. 10820
Chung, S.-J. *see* Kim, J.-S. 12496

Chung, S.-Y., Rhee, J.-G. A study on design of optimal structure of TEM cell for the characteristic impedance matching and analysis of the electric field distribution 1962
Chung, S.H. *see* Lee, S.D. 7675
Chung, S.J. *see* Artus, L. 22413
Chung, S.J. *see* Chon, Y.K. 9307
Chung, S.J. *see* Schulr, J. 54534
Chung, S.J. *(editor)* Information Highways for a Smaller World and Better Living. Proceedings of ICCC'95. (12th International Conference on Computer Communication) 39517
Chung, S.K. *see* Ohsaka, K. 48958
Chung, S.S., Chen, D.C., Cheng, C.T., Yeh, C.F. A physically-based built-in Spice poly-Si TFT model for circuit simulation and reliability evaluation 43054
Chung, S.S. *see* Yih, C.M. 12976
Chung, S.Y., Lin, D.Y., Huang, Y.S., Tiong, K.K. Piezoreflectance study of InP near the absorption edge 12278
Chung, T., Carey, D., Gardner, B., Weigler, B. Development of large, high I/O flip-chip technology 39850
Chung, T., Haskell, B. Trends in microelectronics packaging and interconnection 10072
Chung, T. *see* Gilg, L. 20866
Chung, T. *see* Rivlin, Z. 15047
Chung, T. *see* Sohn, E. 47227
Chung, T.C., Ghahghahi, F., Oberlin, B., Carey, D., Nelson, D. Area array packaging technologies for high-performance computer workstations and multiprocessors 213
Chung, T.R., Yang, L., Hosoda, N., Suga, T. Room temperature GaAs-Si and InP-Si wafer direct bonding by the surface activated bonding method 41848
Chung, T.R. *see* Takagi, H. 32108
Chung, T.S., Li, Y.Z. A chronological probabilistic approach in production costing with multi area transfer consideration 38249
Chung, T.S. *see* Fang, D.Z. 60194
Chung, U.I. *see* Lee, H.J. 1355
Chung, U.I. *see* Sim, S.P. 41168
Chung, W.-S., Park, J.-M., Kim, K. Temperature-compensated linear BiCMOS transconductor 2844
Chung, W.C., Kossentini, F., Smith, M.J.T. An efficient motion estimation technique based on a rate-distortion criterion 25369
Chung, Y. *see* Kim, B. 3888
Chung, Y.C. *see* Chang, B.I. 31832
Chung, Y.C. *see* Jang, J.H. 36133
Chung, Y.H. *see* Oh, S.H. 38467
Chung, Y.J., Un, C.K. An MLP/HMM hybrid model using nonlinear predictors 4611
Chung Chan *see* Chaplin, C.P. 8459
Chung Chan *see* Shu Qin 12668
Chung Chan *see* Shu Qin 12669
Chung Chan Wai *see* Wai Chung Chan
Chung Chan-Hwa *see* Chan-Hwa Chung
Chung Chan-Soo *see* Chan-Soo Chung
Chung Chao Wei *see* Wei Chung Chao
Chung Char-Dir *see* Char-Dir Chung
Chung Cheng Chang, Chi Tsai Lieu, Mei Kuan Hsich Study of the fabrication of a silicon pressure sensor 48497
Chung Chong Eun *see* Chong Eun Chung
Chung Chong Sam *see* Chong Sam Chung
Chung Dae-Woong *see* Dae-Woong Chung
Chung De-Yuan *see* De-Yuan Chung
Chung Dohyoung *see* Dohyoung Chung
Chung Duck-Jin *see* Duck-Jin Chung
Chung Duckjin *see* Duckjin Chung
Chung Eui-Young *see* Eui-Young Chung
Chung Habong *see* Habong Chung
Chung Hai Bin *see* Hai Bin Chung
Chung Hak-Yeong *see* Hak-Yeong Chung
Chung Hee Sang *see* Hee Sang Chung
Chung Ho *see* Skinner, M.I. 53846
Chung Ho Cho, Hoon Choi, Cheul Woo Ro, Pyung Joong Song, Hyeong Seok Lim Stochastic Petri nets modeling using extended transformation rules for verification of radio signaling link protocols 16101
Chung Hoi Hwan *see* Hoi Hwan Chung
Chung Hongsuk *see* Hongsuk Chung
Chung Hoon *see* Hoon Chung
Chung Hoon-Ju *see* Hoon-Ju Chung
Chung Hoon-Taek *see* Hoon-Taek Chung
Chung Hoyeon *see* Hoyeon Chung
Chung Hsien Wu, Jau-Hung Chen A novel two-level method for the computation of the LSP frequencies using a decimation-in-degree algorithm 34690
Chung Hwaja *see* Hwaja Chung
Chung Hyun-Woong *see* Hyun-Woong Chung
Chung Hyunsoo *see* Hyunsoo Chung
Chung I-Yao *see* I-Yao Chung
Chung Ilyong *see* Ilyong Chung
Chung In-Young *see* In-Young Chung
Chung Jae Ho *see* Jae Ho Chung
Chung Jae-Ho *see* Jae-Ho Chung
Chung Jae-Yeul *see* Jae-Yeul Chung
Chung Jae-Yuel *see* Jae-Yuel Chung
Chung Jai-Hoon *see* Jai-Hoon Chung
Chung Jang-Ho *see* Jang-Ho Chung
Chung Jin-Wook *see* Jin-Wook Chung
Chung Joon *see* Joon Chung
Chung Ju-Hyuck *see* Ju-Hyuck Chung
Chung Kang-Min *see* Kang-Min Chung
Chung Kie Hyung *see* Kie Hyung Chung
Chung Kun Song *see* Duk Young Kim 54612
Chung Kun-Jen *see* Kun-Jen Chung
Chung Kuo-Liang *see* Kuo-Liang Chung
Chung Kwan Soo *see* Kwan Soo Chung
Chung Kyo Il *see* Kyo Il Chung
Chung Lam *see* Gallagher, M. 32228
Chung Lam Chi *see* Chi Chung Lam
Chung Len Lee *see* Chih-Wen Lu 20839
Chung Len Lee *see* Hsing-Chung Liang 53118
Chung Len Lee *see* Shye Lin Wu 22551
Chung Len Lee *see* Tien Sheng Chao 32391
Chung Len Lee *see* Wen Chang Huang 42539
Chung Li *see* Li Chung
Chung Mak Kin *see* Kin Chung Mak
Chung Mi-Sook *see* Mi-Sook Chung
Chung Ming Chu, Pang Lin Electrical properties and crystal structure of $(Ba,Sr)TiO_3$ films prepared at low temperatures on a $LaNiO_3$ electrode by radio-frequency magnetron sputtering 23166
Chung Mok-Dong *see* Mok-Dong Chung
Chung Myung Jin *see* Myung Jin Chung
Chung Nien-Mien *see* Ma Yin-Peng 58987
Chung Pau-Choo *see* Pau-Choo Chung
Chung Sang-Koo *see* Sang-Koo Chung
Chung Se Hwa *see* Se Hwa Chung
Chung Seok-Whan *see* Seok-Whan Chung
Chung Shih Li *see* Li Chung Shih
Chung Shyh-Jong *see* Shyh-Jong Chung
Chung Sing Victor Lee *see* Lee Chung Sing Victor
Chung Su Jin *see* Su Jin Chung
Chung Su-Vun *see* Su-Vun Chung
Chung Suk Jae *see* Suk Jae Chung
Chung Sung-Hark *see* Sung-Hark Chung
Chung Tae Kyung *see* Tae Kyung Chung
Chung Tae-Kyoung *see* Tae-Kyoung Chung
Chung Tae-Kyung *see* Tae-Kyung Chung
Chung Ten Lee *see* Chien Kuo Yang 2676
Chung Tsoi Ah *see* Ah Chung Tsoi
Chung U-In *see* U-In Chung
Chung Wah See, Somekh, M.G., Holmes, R.D. Scanning optical microellipsometer for pure surface profiling 17841
Chung Wan-Young *see* Wan-Young Chung
Chung Wen-Yaw *see* Wen-Yaw Chung
Chung Weon Sam *see* Weon Sam Chung
Chung Won Sik *see* Won Sik Chung
Chung Won-Sup *see* Won-Sup Chung
Chung Wong Chi *see* Chi Chung Wong
Chung Wong Pak *see* Pak Chung Wong
Chung Wook-Jin *see* Wook-Jin Chung
Chung Yon-Dohn *see* Yon-Dohn Chung
Chung Yong-joo *see* Yong-joo Chung
Chung Yong-Sung *see* Yong-Sung Chung
Chung Yongwha *see* Yongwha Chung
Chung Yoon Ho *see* Yoon Ho Chung
Chung Young-Boong *see* Young-Boong Chung
Chung Yu-Feng *see* Yu-Feng Chung
Chung Yujin *see* Yujin Chung
Chung Yun Chul *see* Yun Chul Chung
Chung-Chei Wang *see* Bor-Tsuen Wang 48438
Chung-Cheng Chiu *see* Chung-Woei Chao 46455
Chung-Chi Hsu *see* Hai-Jiang Ou 53586
Chung-Chi Hsu *see* Yue-Fei Yang 2610
Chung-Hee Yoo *see* Young-Seok Kim 50976
Chung-Ho Chen *see* Ninomiya, H. 59634
Chung-Hoo Park *see* Youl-Moon Sung 9059
Chung-How, J.T. *see* Redmill, D.W. 46498
Chung-Hsieh Shih *see* Dar-Chin Rau 61120
Chung-Hsien Wu, Jau-Hung Chen Keyword spotting using context dependent PLU-based segmental Bayesian networks 14867
Chung-Hsien Wu, Jau-Hung Chen Text-independent speaker identification based on small training data and fast search algorithms 45663
Chung-Hsien Wu *see* Ruey-Ching Shyu 15111
Chung-Hung Tsai *see* Jin-Hua Hong 52156
Chung-Hyuk Yim *see* Gyu-Sik Kim 29312
Chung-Jie Lin, Yung-Yaw Chen, Fan-Ren Hang Fuzzy processing on GPS data to improve the position accuracy 47858
Chung-Ju Chang, Hung-Ming Chi, Ray-Guang Cheng A power-spectrum based connection admission control for ATM networks 5735
Chung-Ju Chang, Po-Chiun Huang, Tian-Tsair Su A channel borrowing scheme in a cellular radio system with guard channels and finite queues 6569
Chung-Kuan Cheng *see* Chung, J.W. 21780
Chung-Kuan Cheng *see* Dufour, J. 40806
Chung-Kuan Cheng *see* Fang-Jou Liu 40794
Chung-Kuan Cheng *see* Lillis, J. 1024
Chung-Kuan Cheng *see* Lung-Tien Liu 31050
Chung-Kuang Wei *see* Chen-Lung Kuo 58911
Chung-Kuei Lu, Anderson, M., Summerfield, S. Approximately linear-phase design of allpass-based QMF bank 31388
Chung-Kwang Chou, McDougall, J.A., Chan, K.W. RF heating of implanted spinal fusion stimulator during magnetic resonance imaging 59747
Chung-Kyu yeon, Ki-Woong Whang Study of particulate formation and its control by a radio frequency power modulation in the reactive ion etching process of SiO_2 with CF_4/H_2 plasma 42585
Chung-Len Lee *see* Hong-Ming Yang 36539
Chung-Len Lee *see* Hong-Ming Yang 48494
Chung-Li Tseng *see* Chao-An Li 60335
Chung-Li Tseng *see* Svoboda, A.J. 50467
Chung-Liang Chang *see* Chang Chung-Liang
Chung-Lin Huang, Ming-Shan Wu A model-based complex background gesture recognition system 25333
Chung-Lin Huang, Wen-Juh Yang Object-based layer-structure very low bit rate video coding 56953
Chung-Lin Huang *see* Cheng-Chang Lien 57180
Chung-Lun Li, Chung-Yee Lee Scheduling with agreeable release times and due dates on a batch processing machine 30145
Chung-Ming Chen, Zang-Hee Cho, Cheng-Yi Wang A fast implementation of the incremental back-projection algorithms for parallel beam geometries 28236
Chung-Ming Huang, Ye-In Chang, Duen-Tay Huang Reverse protocol verification: concept, algorithm and application 16097
Chung-Ming Kuo *see* Chaur-Heh Hsieh 53450
Chung-Nim Lee *see* Kyeong-Ryeol Park 5491
Chung-Ping Chen, Hai Zhou, Wong, D.F. Optimal non-uniform wire-sizing under the Elmore delay model 11085
Chung-Ping Chen, Wang, D.F. A fast algorithm for optimal wire-sizing under Elmore delay model 1074
Chung-Ping Lai *see* Sheng-Hua Lu 14234
Chung-Sang Ryu *see* Seung-Hyun Lee 48408
Chung-Sheng Li, Ming-Syan Chen Progressive texture matching for earth observing satellite image database 46049
Chung-Sheng Li *see* Castelli, V. 28597
Chung-Tae Kim *see* Sam-Dong Kim 42541
Chung-Tze Chang *see* Ching-Tang Chang 11504
Chung-Tze Chen *see* Ta-Sung Lee 35986
Chung-Wei Ku, Liang-Gee Chen, You-Ming Chiu, Yung-Pin Lee A pseudo-object-oriented very low bit-rate video coding system with cache VQ for detail compensation 56954
Chung-Wei Ku, You-Ming Chiu, Liang-Gee Chen, Yung-Pin Lee The arbitrarily shaped transform of segmented motion field for a pseudo object-oriented very low bit-rate video coding system 5179
Chung-Wei Ku, You-Ming Chiu, Liang-Gee Chen, Yung-Pin Lee Building a pseudo object-oriented very low bit-rate video coding system from a modified optical flow motion estimation algorithm 25385
Chung-Wei Ku *see* Yung-Pin Lee 35070
Chung-Woei Chao, Chaur-Heh Hsieh, Po-Ching Lu, Tai-An Cheng Modified block truncation coding for image compression 35038
Chung-Woei Chao, Chung-Cheng Chiu, Po-Chiang Lu, Chaur-Heh Hsieh Codebook design for vector quantization of images based on fuzzy C-means clustering algorithm 46455
Chung-Wook Suh, Sung-Do Kim, Hee-Bum Jung, Sang-Hoon Choi, Gui-Dong Kim, Won-Chul Song, Kyung-Soo Kim An implementation of the 155M physical layer ASIC for ATM network-node interface 58044
Chung-Yang Tsao *see* Fang, Y.K. 16815
Chung-Yee Lee *see* Chung-Lun Li 30145
Chung-Yee Leung *see* Hong-Ming Hong 36703
Chung-Yen Chao *see* Jian-Jang Huang 54214
Chung-Yen Chao *see* Jian-Jang Huang 55732
Chung-Yi Li *see* Lin, R.S. 49813
Chung-Yi Li *see* Li Chung-Yi
Chung-Yu Wu, Ron-Yi Liu, I-Chang Jou, Famm-Jiang Shyh Jye The CMOS design of robust neural chip with the on-chip learning capability 1665
Chung-Yu Wu, Shuo-Yuan Hsiao Analysis and modeling of square spiral inductors on silicon substrate 1730
Chung-Yu Wu, Shuo-Yuan Hsiao The design of a 3-V 900-MHz CMOS bandpass amplifier 21970
Chung-Yu Wu *see* Chin-Fong Chiu 46300
Chung-Yu Wu *see* Chin-Fong Chiu 53335
Chung-Yu Wu *see* Hong-Yi Huang 1308
Chung-Yu Wu *see* Jenn-Chyou Bor 53490
Chung-Yu Wu *see* Ming-Dou Ker 22981
Chung-Yu Wu *see* Ming-Dou Ker 32437
Chung-Yu Wu *see* Ming-Dou Ker 32558
Chung-Yu Wu *see* Ming-Dou Ker 43283
Chung-Yuan Chiang *see* Jer-Min Jou 1504
Chung-Yuen Won *see* Duk-Heon Kim 51672
Chunggaze, M. *see* O'Brien, P. 40318
Chunghee Kim *see* Namhoon Kim 54749
Chungkuan Cheng *see* Cheng Chungkuan
Chungsen Yang *see* Yang Chungsen
Chungtao Qiu *see* Qiu Chungtao
Chunguang Liang *see* Liang Chunguang
Chunhai Wang, Guoxiong Zhang, Shangqi Guo, Jing Jiang Auto correction of interpolation errors in optical encoders 17324
Chunhe Tang *see* Tang Chunhe
Chunhe Zhao, Jian Liu, Chen, R.T., Liu, Y.S. Hybrid optoelectronic backplane bus for multiprocessor-based computing systems 57918
Chunhe Zhao *see* Degui Sun 33317
Chunhong Chen *see* Chen Chunhong
Chunhong Zhang *see* Zhang Chunhong
Chunhua Wang *see* Wang Chunhua
Chunhui Huang *see* Huang Chunhui
Chunju Fan *see* Fan Chunju
Chunkan Tao *see* Tao Chunkan
Chunke, Y., Terada, K., Oe, S. Motion analysis of echocardiograph using optical flow method 28135
Chunlei Jing *see* Jing Chunlei
Chunliang Ji *see* Ji Chunliang
Chunlin Chen *see* Chen Chunlin

Chunlin Shen *see* Shen Chunlin
Chunling Yang, Guosui Liu, Yunhong Wang Fuzzy neural network for radar target identification 26983
Chunming Han, Willett, P. A min-max test for detecting a transient signal 25097
Chunming Han, Willett, P. False alarm time distributions in Page's test 34890
Chunming Niu, Sichel, E.K., Hoch, R., Moy, D., Tennent, H. High power electrochemical capacitors based on carbon nanotube electrodes 41537
Chunming Qiao Diagnosing crosstalk-faulty switches in photonic networks 6423
Chunming Qiao, Melhem, R. Reducing communication latency with path multiplexing in optically interconnected multiprocessor systems 35435
Chunming Qiao, Xijun Zhang Optimal design of WDM ring networks via resource-balance 36163
Chunming Qiao, Yousong Mei Wavelength reservation under distributed control 36161
Chunming Qiao, Yousong Mei A comparative study of cost effective multiplexing approaches in optical networks 57950
Chunming Zhang *see* Zhang Chunming
Chunnilall, C.J. *see* Fox, N.P. 48286
Chunqi Chang *see* Chang Chunqi
Chuntian Liu *see* Liu Chuntian
Chuntonov, A.V. *see* Chmill, V.B. 37223
Chunwei Yuan *see* Yuan Chunwei
Chunxi Wan, Schneider, A.M. Further improvements in digitizing continuous-time filters 45736
Chunxiang Zhu *see* Zhu Chunxiang
Chunxiao Sun *see* Sun Chunxiao
Chunxin Yang *see* Yang Chunxin
Chunya Wu *see* Wu Chunya
Chunyi Lu *see* Lu Chunyi
Chunying Yu *see* Jianzhong Zhu 39360
Chunyong Yin *see* Yin Chunyong
Chunyu Shu-Tai *see* Huang Wen-Zhong 44354
Chunyu Zhang, Zhonghai Yang Some nonlinear features of gyrotron with AQCORAA 53999
Chupeau, B. *see* Francois, E. 35184
Chupeau, B. *see* Francois, E. 35196
Chupp, T.E. *see* Stoner, R.E. 3675
Chupp, W. *see* Celata, C.M. 59132
Chuprin, A., Korshumova, Y., Shatrov, A., Sivov, A. Gratings composed of helically conducting cylinders 45104
Chupyra, A.G. *see* Aleksandrov, A.V. 49205
Churakov, A.K. *see* Adam, J. 59352
Churakov, D. *see* Akimov, D. 59257
Churakov, D.L. *see* Akimov, D.Yu. 37245
Churakov, V.V. *see* Kuntsevich, B.F. 55500
Churakov, V.V. *see* Tochitsky, S.Ya. 55830
Church, B.W., Sudan, R.N. Nonlaminar multicomponent models for electron flow in positive polarity multigap accelerators 17890
Church, E.L., Stover, J.C. Surface haze in the Stokes-Mueller representation [wafer topography] 39894
Church, M. EDIF Version 4 0 0: PCB/MCM drawing capabilities 31575
Church, S.E. *see* Holzapfel, W.I. 58516
Churcher, S., Kean, T., Wilkie, B. The XC6200 FastMap™ processor interface 11271
Churchill, T.L. *see* Edmonds, J.S. 50891
Churchwell, V.D. *see* Aden, T.C. 38182
Churenkov, A.V. Silicon micromechanical optical waveguide for sensing and modulation 32590
Churikov, V.M. *see* Valeev, A.I. 44759
Churilov, A.B. *see* Buchin, E.Yu. 31743
Churilov, L., Sniedovich, M., Byrne, A. On the notion of hyper sensitivity analysis in decision making 40014
Churin, E. *see* Stavdas, A. 26750
Churin, E.G. *see* Timofeev, F.N. 58338
Churoo Park *see* Jin-Man Han 1416
Chursin, A.D. *see* Lesnoi, M.A. 178
Chursin, V.S., Odarenko, E.N., Shmat'ko, A.A. Theory of resonant relativistic oscillator with nonuniform focusing field 12082
Chusseau, L., Delevaque, E. Nonlinear optical compression of Er^{3+}-fiber amplified 1.5-μm laser diode pulses 55907
Chusseau, L., Martin, P., Brasseur, C., Alibert, C., Herve, P., Arguel, P., Lozes-Dupuy, F., Rao, E.V.K. Carrier-induced change due to doping in refractive index of InP: measurements at 1.3 and 1.5 μm 2021
Chusseau, L. *see* Genty, F. 24013
Chutani, S., Nussbaumer, H.J. Network management and system-level diagnosis 46940
Chutatape, O. Performance evaluation and application of IPX network protocol in flexible manufacturing system 16297
Chuu, D.S. *see* Chou, W.C. 30697
Chuu, D.S. *see* Tsai, C.T. 921
Chuvilo, I.V. *see* Andreev, V.A. 37025
Chuvilo, I.V. *see* Kolomiets, A.A. 49028
Chuvilo, I.V. *see* Lazarev, N.V. 49036
Chuvilo, I.V. *see* Shvedov, O.V. 7762
Chuvychin, V.N., Gurov, N.S., Venkata, S.S., Brown, R.E. An adaptive approach to load shedding and spinning reserve control during underfrequency conditions 19098
Chuzavkov, Yu.L. *see* Huisken, F. 24174
Chvatal, V. Resolution search 30542
Chvatchkine, V. *see* Adam, A. 37280
Chvatchkine, V. *see* Alberdi, J. 37564
Chvatil, D. *see* Vognar, M. 18565
Chvykov, V.V., Kraposhina, T.P., Mazurov, S.N., Zaharova, T.P., Zemskov, K.I. Metal vapour laser systems in biology and medicine 8106
Chvykov, V.V. *see* Zemskov, K.I. 4164
Chwan-Hwa Wu *see* Liu, J.C. 47044
Chwan-Hwa Wu *see* Zhang, N. 46137
Chwen Sheu, Laughlin, J.L. Integrating marketing and manufacturing functions through focused manufacturing design 10007
Chwialkowski, M.P., Ibrahim, Y.M., Li, H.F., Peshock, R.M. A method for fully automated quantitative analysis of arterial flow using flow-sensitized MR images 18308
Chyan, O.M.R., Jin-Jian Chen, Ligang Chen, Fei Xu Potentiometric investigation of silicon electrode immersed in alkaline hydrogen peroxide solution containing trace level of iron 48457
Chyan, Y.-F. *see* Fujioka, H. 42342
Chyba, T.H. *see* Chuan He 23867
Chyi Jen-Inn *see* Jen-Inn Chyi
Chyi-Jieh Hsieh *see* Keh-Yi Lee 23504
Chyla, P. *see* Hosny, W. 19741
Chyr Wang Ching *see* Ching Chyr Wang
Chyu, M.-C. *see* Ing Youn Chen 28490
Chyzak, F. Holonomic systems and automatic proofs of identities 30657
Ci Zhao *see* Zhao Ci
Ci-Ling Pan, Gong-Ru Lin, Wen-Chung Chen, Feruz Ganikhanov, Chang, C.-S. Effect of rapid thermal annealing on carrier lifetime in arsenic-ion-implanted GaAs 3575
Ci-Ling Pan, Yung-Hui Chuang, Pie-Yau Chien Optical absolute distance measurement using a trapezoidally modulated laser diode 36885
Ci-Ling Pan *see* Hsiao-Yi Lin 36513
Ciacchi, F.T., Nightingale, S.A., Badwal, S.P.S. Microwave sintering of zirconia-yttria electrolytes and measurement of their ionic conductivity 21378
Ciaccia, M. *see* Di Chio, E. 3649
Ciaccia, P., Tiberio, P., Zezula, P. Declustering of key-based partitioned signature files 4444
Ciach, G.J. *see* Krajewski, W.F. 38074
Cialella, A.T. *see* Brown de Colstoun, E.C. 18766
Ciampa, A. *see* Luiten, A.N. 48500
Ciampolini, P., Mezzanotte, P., Roselli, L., Sorrentino, R. Accurate and efficient circuit simulation with lumped-element FDTD technique 11141
Ciampolini, P., Roselli, L., Catena, S. Application of LE-FDTD method to HF circuit analysis 11078
Ciampolini, P. *see* Colalongo, L. 58724
Ciampolini, P. *see* Passeri, D. 59223
Ciancarini, P., Tolksdorf, R., Vitali, F., Rossi, D., Knoche, A. Redesigning the Web: from passive pages to coordinated agents in PageSpaces 57856
Ciancetta, C., Diem, B., Gobbi, R., Hindle, J., Rogl, P. UMTS in the ACTS programme: the EXODUS project 47283
Ciancetta, M.C., Lavagnolo, R., Bjornland, D.F. CTM support in European environment: requirements on public IN internetworking 47298
Ciancetta, M.C. *see* Bjornland, D.F. 47281
Cianci, S. *see* O'Sullivan, R.A. 4015
Ciann-Dong Yang, Chi-Ching Yang Analytical solution of 3D true proportional navigation 8683
Ciann-Dong Yang, Chi-Ching Yang A unified approach to proportional navigation 60171
Ciann-Dong Yang, Chi-Ching Yang, Hsin-Yuan Chen Optimal pure proportional navigation for maneuvering targets 48172
Ciann-Dong Yang, Chia-Yuan Chang, Yun-Ping Sun Synthesis of optimal H_∞ controllers via LQG-based loop shaping design 38199
Ciano, M.Di *see* Di Ciano, M.
Ciarambino, I. *see* Piccinini, N. 52367
Ciaramella, E. *see* Artiglia, M. 13594
Ciarlini, P., Gigli, A., Regoliosi, G., Moiraghi, L., Montefusco, A. Monitoring an industrial process: bootstrap estimation of the accuracy of quality parameters 52306
Ciarlini, P., Cox, M.G., Pavese, F., Richter, D. *(editors)* Advanced Mathematical Tools in Metrology II 51963
Ciarlo, D.R. *see* Lee, A.P. 19930
Ciarmiello, A. *see* Alfano, B. 28268
Ciarrocca, M., Avramopoulos, H., Papanicolas, C.N. A modelocked semiconductor laser for a polarized electron source 44497
Ciaschi, A. *see* Goetz, M.P. 20943
Ciaschi, A. *see* Karnezos, M. 242
Ciavola, G., Alba, R., Calabretta, L., Cuttone, G., di Bartolo, G., Gammino, S., Migneco, E., Raia, G., Rifuggiato, D., Rovelli, A., Sura, J., Vinciguerra, D., Wollnik, H. The EXCYT RIB facility at LNS 49283
Ciavola, G., Castro, M., Celona, L., Chines, F., Gammino, S., Marletta, S. Operational experience with the 450 kV injector for the superconducting cyclotron 49152
Ciavola, G., Gammino, S. Superconducting ECR sources 49289
Ciavola, G. *see* Calabretta, L. 49145
Ciavola, G. *see* Finocchiaro, P. 37097
Ciavola, G. *see* Gammino, S. 7776
Ciavola, G. *see* Torrisi, L. 42383
Ciazynski, D. *see* Duchateau, J.L. 32948
Ciazynski, D. *see* Jager, B. 38383
Ciazynski, D. *see* Schild, T. 13521
Cibert, J. *see* Alleysson, P. 23916
Cibert, J. *see* Coquillat, D. 22366
Cibert, J. *see* Hartmann, J.M. 755
Cibert, J. *see* Mariette, H. 12721
Cibert, J. *see* Ribayrol, A. 22367
Ciblat, P. *see* Simon, B. 56777
Cicala, G., Capezzuto, P., Bruno, G., Schiavulli, L., Perna, G., Capozzi, V. Plasma deposition and characterization of photoluminescent fluorinated nanocrystalline silicon films 861
Ciccarella, G., Donatelli, G., Piermarini, R. A nonlinear predistortion technique for radio channels: algorithms and implementation problems 47854
Ciccarelli, S. Predict receiver IM in the presence of LO phase noise 6439
Cicci, D.A., Oakley, D.L. Filter sensitivity in exoatmospheric target vehicle tracking 18588
Cicco, G.De *see* De Cicco, G.
Ciccoli, M.C. Adaptive domain decomposition algorithms and finite volume/finite element approximation for advection-diffusion equations 21202
Cicconardi, S.P., Jannelli, E., Spazzafumo, G. MHD plants: a comparison between two-level and three-level systems 50870
Cicero, T. Design of a stereo robot head: hardware and software issues 36672
Cichocki, A., Thawonmas, R., Amari, S. Sequential blind signal extraction in order specified by stochastic properties 24996
Cichocki, A., Unbehauen, R. Robust neural networks with on-line learning for blind identification and blind separation of sources 15159
Cichocki, A. *see* Amari, S. 56388
Cichocki, A. *see* Belouchrani, A. 34746
Cichocki, A. *see* Douglas, S.C. 4711
Cichocki, A. *see* Kasprzak, M. 5396
Cichocki, A. *see* Skarbek, W. 4954
Cichocki, A. *see* Skarbek, W. 15446
Cichon, D.J. *see* Becker, T.C. 7033
Cichon, M., Miedzinski, B., Poniewierski, H., Szkolka, S., Szymanski, A. Influence of ferromagnetic elements upon the voltage drop in the vacuum chambers of contactors 38912
Cichos, S. *see* Karle, A. 6828
Cicirelli, G. *see* Stella, E. 27687
Ciddor, P.E. *see* Hariharan, P. 59044
Cidon, I., Khamisy, A., Sidi, M. Delay, jitter and threshold crossing in ATM systems with dispersed messages 46556
Cidon, I., Rom, R., Shavitt, Y. Analysis of one-way reservation algorithms 46709
Cidon, I. *see* Gerstel, O. 25868
Cidras, J. *see* Arrillaga, J. 50502
Cidronali, A. *see* Avitabile, G. 16901
Cidronali, A. *see* Avitabile, G. 41464
Cidronali, A. *see* Avitabile, G.F. 53651
Ciechanowicz, W., Holnicki, P., Kaluszko, A., Partyka, A., Uhrynowski, Z., Zochowski, A. Energy and environment–problems of sustainable development 19226
Ciegis, R., Simkevicius, J., Wasniewski, J. Running finite-difference schemes for 3D diffusion problems on parallel computers with distributed memory 30636
Cieloszyk, G.S. *see* Jow, J. 43437
Cierniak, R., Rutkowski, L. Neural networks and semi-closed-loop predictive vector quantization for image compression 56767
Cierniak, R. *see* Rutkowski, L. 34974
Ciesielski, M. *see* Iyer, B. 11128
Ciezki, J.G. *see* Ashton, R.W. 52052
Cifrek, M., Magjarevic, R., Giannini, R., Zivko-Babic, J., Juraj, D., Emert, R. A microprocessor controlled gnathodynamometer 37600
Cifrek, M. *see* Simon, S. 37881
Ciftcibasi, T. A new structure for fuzzy systems: fuzzy propositional logic and multi-universe representation of fuzzy decision processes 30475
Cigan, A., Manka, J., Buchta, S. Experimental study of the intergranular weak link structures $YBa_2Cu_3O_{7-x}$ with the help of magnetization measurements 43785
Ciglaric, M., Vidmar, T. A structured approach to network backbone traffic estimation 26145
Cigna, J. *see* Quesnel, E. 3567
Cigno, R.Lo *see* Lo Cigno, R.
Cigolini, R., Perona, M., Portioli, A., Turco, F., Zambelli, T. Comparison of different dispatching rules in VLSI semiconductor manufacturing: a simulation approach 39717
Cigoy, D. *see* Tupta, M.A. 53730
Cihangir, S. *see* Antos, J. 37373
Cihangir, S. *see* Hoffman, K.D. 7796
Cihlar, J. *see* Zhanqing Li 18802
Cikovic, N. *see* Gojo, M. 30863
Cilia, J., Asher, G.M., Bradley, K.J. Sensorless position cage induction motor drive using an asymmetric outer-section cage 9587
Cilia, J., Asher, G.M., Bradley, K.J. Sensorless position detection for vector controlled induction motor drives using an asymmetric outer-section cage 29709
Cilia, J. *see* Blasco-Gimenez, R. 9586
Cillessen, J.F.M., Prins, M.W.J., Wolf, R.M. Thickness dependence of the switching voltage in all-oxide ferroelectric thin-film capacitors prepared by pulsed laser deposition 32768
Cillessen, J.F.M. *see* Giesbers, J.B. 43000
Cillessen, J.F.M. *see* Prins, M.W.J. 3013
Cillessen, J.F.M. *see* Prins, M.W.J. 43011
Cima, G. *see* Hsia, R.P. 36865

Cimen, H., Yang, T.C. Applying structured singular values to decentralized load frequency control 19239
Ciminera, M. *see* Hogerheiden, J. 53528
Cimino, W.W., Bond, L.J. Physics of ultrasonic surgery using tissue fragmentation 28416
Cimpoca, V. *see* Halmagean, E. 49576
Cimpoiasu, E. *see* Dumitru, V. 43893
Cimpolasu, A., Van Der Pers, N.M., Keyser, Th.H.De., Venema, A., Vellekoop, M.J. Stress control of piezoelectric ZnO films on silicon substrates 30940
Cina, M. *see* Trewhella, J.M. 227
Cinato, P. *see* Boettle, D. 26456
Cinausero, M. *see* Fioretto, E. 59283
Cincotti, S., Chiabrera, A., Parodi, M., Storage, M. Inducing and detecting polarization of electric dipole monolayers via electrodes 53825
Cindro, M. *see* Krizan, P. 59293
Cindro, V. *see* Adam, W. 37221
Cingolani, R. Comments on lasing and many-exciton physics in strongly confined systems 44476
Cingolani, R., Coli, G., Calcagnile, L., Rinaldi, R., Convertino, A.L., Lomascolo, M., DiDio, M., Suemune, I. Lasing in $ZnSe/ZnS_{0.18}Se_{0.82}$ superlattices 33547
Cingolani, R. *see* Calcagnile, L. 24116
Cingolani, R. *see* Calcagnile, L. 42111
Cingolani, R. *see* Giugno, P.V. 22420
Cingolani, R. *see* Lovergine, N. 40395
Cingoski, V. *see* Yamashita, H. 40273
Cinkler, K., Mertins, A. Edge sensitive subband coding of images 25441
Cinkler, K., Mertins, A. Coding of digital video with the edge-sensitive discrete wavelet transform 57026
Cinkler, T. *see* Ast, L. 57590
Cinotti, L. *see* Millet, P. 18327
Cinque, L. *see* Levialdi, S. 15668
Cinquemani, P.L., Yingli Wen, Kuchta, F.L., Doench, C. Performance of reduced wall EPR insulated medium voltage power cables. I. Electrical characteristics 50591
Cinquemani, P.L. *see* Yingli Wen 38363
Cinquemani, P.L. *see* Yingli Wen 50592
Ciobanu, R.C., Pfieffer, W. The influence of electrotechnical papers technology on their specific partial discharges inception electric field 43571
Ciocci, F., Dattoli, G., Giannessi, L., Ottaviani, P.L. Compton backscattering of free-electron laser photons and generation of high-energy monochromatic photon fluxes 24032
Ciocci, M.A. Calculation of the electric field in GaAs particle detectors 7807
Ciocci, M.A. *see* Cola, A. 37309
Cioccio, L.Di *see* Di Cioccio, L.
Ciochina, S. *see* Constantin, I. 26581
Ciocio, A. *see* DeWitt, J. 59243
Ciocio, A. *see* Sadrozinski, H.F.W. 37399
Cioffi, J.M. *see* Al-Dhahir, N. 46550
Cioffi, J.M. *see* Lee, I. 32862
Cioffi, J.M. *see* Voois, P.A. 32861
Cioffi, J.M. *see* Wesel, R.D. 4500
Ciofi, C., Dattilo, V., Neri, B. Copper interconnection lines: SARF characterization and lifetime test 2424
Ciofi, C., Di Pascoli, S. Temperature coefficient of resistance fluctuations during electromigration in Al lines 2454
Ciofini, M. *see* Taggiasco, C. 13966
Ciontu, M. *see* Tusaliu, P. 8804
Ciontu, M. *see* Tusaliu, P. 19900
Ciorga, M. *see* Misiewicz, J. 2134
Cios, K.J. *see* Sacha, J.P. 31002
Ciosek, J. Narrow-band polarising interference filter 3554
Ciosek, J. Narrow-band interference filter with polarizing feature 44179
Ciplickas, D.J., Rohrer, R.A. Expected current distributions for CMOS circuits 11126
Cipolla, R., Blake, A. Image divergence and deformation from closed curves 56895
Cipolla, R. *see* Sato, J. 5319
Cipolla, R. *see* Sato, J. 25767
Cipollo, M. *see* Kathe, E. 24418
Cipollo, M. *see* Vottis, P.M. 24420
Ciprian, D. *see* Pistora, J. 3188
Cipriani, L. *see* Ronchetti, L. 47230
Cipriani, M. *see* Pola, S. 37592
Cipriani, M. *see* Varanini, M. 49389
Ciptiani, L. *see* Corti, S. 6292
Cirac, J.I., Zoller, P., Kimble, H.J., Mabuchi, H. Quantum state transfer and entanglement distribution among distant nodes in a quantum network 56232
Cirant, S. *see* Simonetto, A. 8208
Cirba, C. *see* Brisset, C. 22845
Cirelli, R. *see* Schimi, T. 22974
Cirelli, R.A., Weber, G.R., Kornblit, A., Baker, R.M., Klemens, F.P., DeMarco, J., Pai, C.S. A multilayer inorganic antireflective system for use in 248 nm deep ultraviolet lithography 32279
Cirelli, R.A. *see* Nalamasu, O. 42826
Ciresi, G., Akay, M. Fuzzy logic in medical control applications 59738
Ciria, J.C. *see* Mazo, J.J. 23412
Ciric, I.R., Yooming Qin Self-adaptive selection of the regularization parameter for electromagnetic imaging 45072
Ciric, I.R. *see* Xin Li 50569
Ciric, I.R. *see* Xin Li 50573
Ciric, I.R. *see* Xin Li 50608
Ciric, R., Rajakovic, N. Restoration of radial distribution networks 50551
Cirignano, L. *see* Shah, K.S. 59360
Cirineo, T., Troublefield, B. Standard Interoperable Datalink System, Engineering Development Model 8629
Cirrincione, G., Cirrincione, M., Piglione, F. A neural network architecture for static security mapping in power systems 8805
Cirrincione, G. *see* Premoli, A. 58602
Cirrincione, M. *see* Cirrincione, G. 8805
Cirstea, M.N., Patterson, E.B., Morley, D., Holmes, P.G. ASIC control system for cycloconverter drives 61201
Cisbani, E. *see* Perrino, R. 37264
Cisco, T. *see* Wang, R. 31529
Cisek, J. *see* Trybus, L. 7210
Cisneros, E. *see* Kotseroglou, T. 33602
Cisneros, G. *see* Bescos, J. 16400
Cisneros, G. *see* Bescos, J. 47340
Cisneros, G. *see* Martinez, J.M. 47341
Cisneros, G. *see* Ruth, R.D. 49165
Cisneros, J. *see* Perrott, D.R. 49879
Cisneros, J.I. *see* Torres, J. 31841
Cistelecan, M., Demeter, E. Induction motors with low copper windings and improved performances 9214
Cisternino, A. *see* Marchesini, R. 59447
Ciszek, M., Ashworth, S.P., Glowacki, B.A., Campbell, A.M., Haldar, P. Transport AC losses in multifilamentary Ag/Bi–2223 tapes in low external DC magnetic fields 43741
Ciszek, T.F., Wang, T.H., Ahrenkiel, R.K., Matson, R. Properties of iron-doped multicrystalline silicon grown by the float-zone technique 30694
Ciszek, T.F. *see* Tsuo, Y.S. 39205
Ciszek, T.F. *see* Wang, T.H. 30760
Citerne, J. *see* Guillouard, K. 21899
Citerne, J. *see* Guillouard, K. 53655
Citerne, J. *see* Nouvel, F. 9887
Citko, T., Bogdan, A. Application of the HF-AC resonant tank circuit to the active power line conditioners for three phase asymmetrical and non-linear loads 9397
Citko, T., Dubowski, M., Sikorski, A. AC/DC/AC quasi-resonant transistor's converter for AC drive application 51337
Citko, T., Sikorski, A., Dubowski, M., Skorek, A. AC/DC/AC quasi-resonant transistor's converter for AC drive application 19862
Citko, T. *see* Bogdan, A. 60922
Citrin, D.S. Generation of 10-THz transients from a subpicosecond optical pulse and a 1-THz field in quantum wells 44459
Citrin, D.S., Norris, T.B. Constraints on coherent control of quantum-well excitons for high-speed all-optical switching 36191
Citrin, D.S., Norris, T.B. Coherent control of quantum-well excitons in a resonant semiconductor microcavity for high-speed all-optical switching 42183
Citrin, D.S., Yamanishi, M., Kadoya, Y. Coherent control of terahertz generation in a DC-biased semiconductor microcavity 53615
Citron, A. *see* Samaras, G. 46727
Ciubotaru, A.A. Square-law circuit using junction field-effect transistors 41365
Ciubotaru, A.A., Carter, R.L. An accurate mathematical model for the intrinsic base resistance of bipolar transistors 54588
Ciulli, S. *see* Pidcock, M. 18451
Ciullo, G., Sharapa, A.N., Shemyakin, A.V., Tecchio, L. "Hollow cathode" gun optics 49158
Ciupa, R. *see* Rogalski, A. 3607
Ciuprina, F. *see* Notingher, P.V. 1750
Ciurea, M.L., Pentia, A., Lazar, M., Belu-Marian, A., Zavaliche, F., Manaila, R. Electrical and structural properties of anodized porous silicon 41877
Ciureanu, P., Rudkowski, P., Rudkowska, G., Menard, D., Currie, J.F., Stroem-Olsen, J.O., Yelon, A. The magnetoimpedance effect in rapidly solidified soft magnetic fibers 3153
Ciureanu, P. *see* Rudkowski, P. 23313
Ciurzynska, W. *see* Zbroszczyk, J. 23309
Ciurzynska, W.H. *see* Zbroszczyk, J. 23308
Ciurzynska, W.H. *see* Zbroszczyk, J. 23332
Civalleri, P.P. *see* Gilli, M. 30526
Civanlar, M.R., Chen, T. Password-free network security through joint use of audio and video 47339
Civanlar, M.R. *see* Basso, A. 15608
Civera, J.L., Diaz, C.S., Chilet, S.S. A power source for high currents using the LM 7805 1124
Civera, J.I. *see* Diaz, C.S. 1126
Cixuan Chen *see* Chen Cixuan
Cizek, G.R. *see* Kuppusamy, K. 37759
Cizelj, L., Mavko, B., Vencelj, P. Reliability of steam generator tubes with axial cracks 19504
Claassen, A., Shaukatullah, H. Comparison of diodes and resistors for measuring chip temperature during thermal characterization of electronic packages using thermal test chips 52286
Claassen, M., Harth, W., Stegmuller, B. Two-section electroabsorption modulator with negative chirp at low insertion loss 3461
Claassen, M. *see* Bauer, T. 21933
Claassen, M. *see* Benz, C. 42069
Clabunde, D.R.F. *see* Abe, N.M. 39627
Claes, T., Van Compernolle, D. SNR-normalisation for robust speech recognition 14928
Claesen, L. *see* Martens, R. 5589
Claeson, T. *see* Boikov, Yu.A. 41283
Claeson, T. *see* Boikov, Yu.A. 55147
Claeson, T. *see* Hu, Q.-H. 32914
Claeson, T. *see* Kojouharov, R. 11700
Claeson, T. *see* Kojouharov, R. 32925
Claeson, T. *see* Tarasov, M. 32929
Claesson, I. *see* Nordebo, S. 15356
Claesson, I. *see* Nordebo, S. 31395
Claeys, C., Deferm, L. Technological challenges for silicon technologies 43194
Claeys, C. *see* Rotondaro, A.L.P. 42479
Claeys, C. *see* Simoen, E. 12870
Claeys, C. *see* Simoen, E. 22304
Claeys, C. *see* Simoen, E. 42988
Claeys, C. *see* Simoen, E. 42992
Claeys, C. *see* Simoen, E. 54630
Claeys, C.L. *see* Simoen, E. 12893
Claeys, W. *see* Phan, T. 32235
Claeys, W. *see* Phan, T. 43195
Claeys, W. *see* Quintard, V. 30192
Claeyssen, F., LeLetty, R., Chouteau, L., Lhermet, N., Petit, L., Briot, R., Gonnard, P. A new multimode piezoelectric motor 19781
Claffy, K. *see* Apisdorf, J. 16181
Claghorn, A.C. *see* Vianco, P.T. 11890
Clain, S. *see* Chaboudez, C. 39426
Clair, J.G.St. *see* St. Clair, J.G.
Clair, J.St. *see* St. Clair, J.
Clair, K.A.St. *see* St. Clair, K.A.
Clairambault, J., Mansier, P., Swynghedauw, B. Effects of parasympathetic blockade on nonlinear dynamics of heart rate in mice 49734
Clairon, A., Ghezali, S., Santarelli, G., Laurent, P., Lea, S.N., Bahoura, M., Simon, E., Weyers, S., Szymaniec, K. Preliminary accuracy evaluation of a cesium fountain frequency standard 48295
Clairon, A., Ghezali, S., Santarelli, G., Laurent, P., Simon, E., Lea, S., Bahoura, M., Weyers, S., Szymaniec, K. The LPTF preliminary accuracy evaluation of cesium fountain frequency standard 27367
Clairon, A. *see* Bahoura, M. 24022
Clairon, A. *see* Bahoura, M. 24115
Clairon, A. *see* de Beauvoir, B. 27263
Clairon, A. *see* Ghezali, S. 17724
Clairon, A. *see* Ghezali, S. 27316
Clairon, A. *see* Laurent, P. 27221
Clairon, A. *see* Santarelli, G. 27279
Clairon, A. *see* Touahri, D. 14172
Clairon, A. *see* Touahri, D. 27264
Claisse, P. *see* Schwartz, D.B. 23710
Claisse, P.R. *see* Jiang, W. 24012
Clapeau, M. *see* Pagnoux, D. 13616
Clapham, L. *see* Mandal, K. 1007
Clapp, A.L., Dagenhart, J.B., Landinger, C.C., McAuliffe, J.W., Thue, W.A. Design and application of aerial systems using insulated and covered wire and cable 50605
Clapp, A.L. *see* Landinger, C.C. 50606
Clapp, G.A. *see* Sworder, D.D. 25289
Clapp, R. Buying power station equipment–the new European standards mechanical plant 38457
Clapp, T. *see* Day, S. 26930
Clare, B.W., Cornish, J.C.L., Hefter, G.T., Jennings, P.J., Lund, C.P., Santjojo, D.J., Talukder, M.O.G. Studies of photodegradation in hydrogenated amorphous silicon 31880
Clare, J.C. *see* Butt, D. 9611
Clare, J.C. *see* Krogemann, M. 9331
Clare, J.C. *see* Krogemann, M. 51340
Clare, J.C. *see* Pena, R.S. 60617
Clare, J.C. *see* Wheeler, P.W. 51691
Clarencon, D., Renaudin, M., Gourmelon, P., Kerckhoeve, A., Caterini, R., Boivin, E., Ellis, P., Hille, B., Fatome, M. Real-time spike detection in EEG signals using the wavelet transform and a dedicated digital signal processor card 37827
Claret, A. *see* Cesarsky, C.J. 36548
Claret, J. *see* Puente, C. 14715
Clark, A., Egan, R.J., Jagadish, C. Growth of AlGaAa/AlAs multiple quantum well structures for modulation at visible wavelengths 10709
Clark, A., Egan, R.J., Jagadish, C. Optical modulators in the 500-600-nm visible wavelength regime using an $Al_yGa_{1-x}As/Al_yGa_{1-y}As$ MOCVD-grown AFPM 33117
Clark, A., Egan, R.J., Jagadish, C. Design and optimisation of $Al_yGa_{1-x}As/Al_yGa_{1-y}As$ multilayer structures for visible wavelength applications 40460
Clark, A. *see* Angstadt, R. 59309
Clark, A. *see* Carter, G. 4490
Clark, A.E. *see* Butler, S.C. 48491
Clark, A.E. *see* Joshi, C.H. 48148
Clark, A.F. *see* Avramov-Zamurovic, S. 27251
Clark, A.F. *see* Courtney, P. 46323
Clark, A.F. *see* Zimmerman, N.M. 27315
Clark, A.G. *see* Beringer, J. 37394
Clark, A.M. *see* Fanggao, C. 43561
Clark, A.M. *see* Graessle, D.E. 28539
Clark, A.M. *see* MacDonald, C.D. 50155
Clark, A.M. *see* Romaine, S.E. 28538
Clark, C., Yadid-Pecht, O., Fossum, E., Salomon, P., Dennison, E. Application of APS arrays to star and feature tracking systems 59883
Clark, C. *see* Cheesewright, R. 17344

Clark, C. *see* Hendricks, K. 11231
Clark, C. *see* Salomon, P. 59884
Clark, C. *see* Yadid-Pecht, O. 27684
Clark, C.F. *see* Lawless, W.N. 43770
Clark, C.F., Jr. *see* Lawless, W.N. 20097
Clark, C.J., Moulthrop, A.A., Muha, M.S., Silva, C.P. Transmission response measurements of frequency-translating devices using a vector network analyzer 27856
Clark, C.J., Moulthrop, A.A., Muha, M.S., Silva, C.P. Network analyzer measurement of frequency-translating devices 36856
Clark, C.R. *see* Carpenter, B.F. 49905
Clark, C.R. *see* Powers, D.M.W. 45797
Clark, D. Precision measurement of loudspeaker parameters 48270
Clark, D. Ten tips when considering solder paste inspection 52326
Clark, D. *see* Fields, D.E. 59301
Clark, D. *see* Lee, D.M. 59268
Clark, D.A., Hutchings, B.L. Supporting FPGA microprocessors through retargetable software tools 21720
Clark, D.D. *see* Leiner, B.M. 47137
Clark, D.E. *see* Perry, K.E., Jr. 21404
Clark, D.F., Moir, T.J. Application of a PLL and ALL noise reduction process in optical sensing systems 36528
Clark, D.F. *see* Dussarrat, O.J. 7653
Clark, E. *see* Taylor, M.B. 8145
Clark, G.F. *see* Sasaki, J.M. 41937
Clark, G.M. *see* Blamey, P.J. 28432
Clark, G.M. *see* Lithgow, B.J. 59809
Clark, J., Trucco, E., Wolff, L.B. Using light polarization in laser scanning 25284
Clark, J., Wallace, A.M. Variable resolution depth imaging by using elliptical mirrors 59011
Clark, J., Wallace, A.M., Liang, B., Trucco, E. Eliminating multiple reflections in a laser rangefinder using polarized light 39873
Clark, J. *see* Adler, E. 8669
Clark, J. *see* Cheesman, J. 47479
Clark, J.A., Garganese, U.S., Swarz, R.S. An approach to designing accelerated life-testing experiments 52161
Clark, J.M. *see* Kaye, P.H. 28619
Clark, J.M.C. *see* Vellekoop, M.H. 30403
Clark, J.R. *see* Bannon, F.D., III 41292
Clark, J.T., Viveiros, E.A., Jr. Fine phase error measurements for a quadrature demodulator 48807
Clark, J.W., Jr. *see* Demir, S.S. 49722
Clark, J.W., Jr. *see* Nygren, A. 49725
Clark, K. *see* Okamoto, H. 50322
Clark, K. *see* Sanchez-Gasca, J.J. 50457
Clark, K. *see* Wassermann, E.M. 28088
Clark, K.P., Kirk, W.P., Seabaugh, A.C. Nonparabolicity effects in the bipolar quantum-well resonant-tunneling transistor 54585
Clark, M. A cost-effective approach for incorporating open-systems architectures within existing avionics platforms 60177
Clark, M.C. *see* Agee, F.J. 53979
Clark, M.C. *see* Haworth, M.D. 12111
Clark, N. *see* Matson, C.L. 37660
Clark, N.A. *see* Walba, D.M. 44097
Clark, N.K., Parat, K., Maloney, T.J., Kim, Y. Melt filaments in n^+pn^+ lateral bipolar ESD protection devices 32368
Clark, P., Glew, N., Regan, P. Solutions for MV motors and generators in hazardous locations 50888
Clark, P.E. Developments in the certification of ExN motors 60652
Clark, R., Grossner, C., Radhakrishnan, T. Consensus and compromise: planning in cooperating agents 16112
Clark, R.A., Smith, R.N., Jensen, M.K. An experimental study of waste heat recovery from a residential refrigerator 29895
Clark, R.B. *see* Nygren, A. 49725
Clark, R.D. *see* Aggarwal, M.D. 10631
Clark, R.D. *see* Sanghadasaa, M. 24217
Clark, R.F., Filipski, P.S., Paulusse, D.C. Improvements in the NRC ac-dc transfer capabilities 27354
Clark, R.G. *see* Dunford, R.B. 54149
Clark, R.J., Ammar, M.H., Calvert, K.L. Protocol discovery in multiprotocol networks 46797
Clark, R.L., Scalpi, A. Design considerations of vacuum-sealed OCXO's for high reliability applications 13337
Clark, R.N. *see* Vick, B.D. 29922
Clark, R.T. *see* Ramanujam, P. 34233
Clark, S. *see* Otto, G.P. 37702
Clark, S.E. *see* Lovberg, J.A. 58845
Clark, S.L., Famouri, P., Cooley, W.L. Elimination of supply harmonics 38217
Clark, S.L. *see* Ruth, R.D. 49165
Clark, S.M. A new energy-dispersive powder diffraction facility at the SRS 18150
Clark, S.M. *see* Sapelkin, A.V. 22274
Clark, S.M. *see* Sapelkin, A.V. 42005
Clark, T.D. *see* Ralph, J.F. 13511
Clark, T.D. *see* Whiteman, R. 32932
Clark, T.D.G. *see* Carpenter, D.L. 45140
Clark, T.R. *see* Milchberg, H.M. 4000
Clark, V. Information fusion architectures for next generation avionics systems 8703
Clark, W. *see* Gray, A. 729
Clark, W. *see* Villani, A. 30286
Clark, W.D.K. *see* Syracuse, K.C. 60987
Clark, W.F. *see* Bernstein, K. 11478
Clark, W.L. *see* Wood, R.L. 49189
Clarke, C.D. *see* Shore, N.L. 8866
Clarke, D., Lee, I. Testing-based analysis of real-time system models 36433
Clarke, D., Trevor, I. Data conversion 60268
Clarke, D. *see* Eick, W. 28034
Clarke, D. *see* Eick, W. 59238
Clarke, D.R. *see* Ce-Wen Nan 22904
Clarke, D.R. *see* Srikant, V. 12271
Clarke, D.R. *see* Vojta, A. 41530
Clarke, D.R. *see* Wen, Q. 42766
Clarke, D.W. *see* Atia, M. 17282
Clarke, D.W. *see* Yang, J.C.-Y. 48428
Clarke, E. *see* Yirng-An Chen 31331
Clarke, F.H., Ledyaev, Yu.S., Subbotin, A.I. The synthesis of universal feedback pursuit strategies in differential games 52440
Clarke, F.J.J. Infrared regular reflectance standards from NPL 7131
Clarke, F.W. An optical characterization technique for n-type semiconductors, including infrared detector and other optical materials 2025
Clarke, I. A display of flexibility [industrial grade backplane] 27425
Clarke, I.G. *see* Rochford, K.B. 59064
Clarke, J., Holtta, P. Scalable interworking over ATM networks for SMEs–BOURBON project AC001 26188
Clarke, J. *see* Brown, D. 32756
Clarke, J. *see* Dantsker, E. 23400
Clarke, J. *see* Dantsker, E. 43821
Clarke, J. *see* Elsmore, C. 42464
Clarke, J. *see* Karttunen, J. 47232
Clarke, J. *see* Kim, S.H. 19472
Clarke, J. *see* Lee, T.S. 7290
Clarke, J. *see* Nichols, D.G. 3283
Clarke, J.A., Hensen, J.L.M., Kelly, N.J. Modelling the built environment as a demand side system 38301
Clarke, J.E.H., Mayer, L.A., Wells, D.E. Shallow-water imaging multibeam sonars: a new tool for investigating seafloor processes in the coastal zone and on the continental shelf 18805
Clarke, L.A. *see* Naumovich, G.N. 5852
Clarke, L.P. *see* Lihua Li 28143
Clarke, L.P. *see* Vaidyanathan, M. 59495
Clarke, L.P. *see* Wei Qian 59560
Clarke, L.P. *see* Wei Qian 59562
Clarke, M., Findlay, A., Canac, J.-F., Vergez, A. Brunel University: The Cable Corporation HomeWorker network trial 17088
Clarke, R. *see* Gilbert, D.R. 40643
Clarke, R.C., Agarwál, A.K., Siergiej, R.R., Brandt, C.D., Morse, A.W. The mixed mode 4H-SiC SIT as an S-band microwave power transistor 1715
Clarke, R.C. *see* Agarwal, A.K. 42044
Clarke, R.H. *see* Kalkan, M. 36013
Clarke, R.M. *see* Cabrera, B. 37470
Clarke, R.M. *see* Duruoz, C.I. 54184
Clarke, R.M. *see* Shutt, T. 37472
Clarke, R.N. *see* Tofts, P.S. 59494
Clarke, R.R. Choosing an integrated resource plan for electric utilities: an analytic hierarchy approach 28767
Clarke, T.A. *see* Gooch, R.M. 27177
Clarke, T.J. *see* Albaharna, O.T. 21721
Clarke, W.A. *see* Ferreira, W.C. 34605
Clarkson, P.M. *see* Szi-Wen Chen 18477
Clarkson, P.M. *see* Szi-Wen Chen 59656
Clarkson, P.R. *see* Cook, G.D. 15143
Clarkson, T.G. *see* Il-Song Han 53510
Clarkson, T.G. *see* Krasniqi, X. 35859
Clarkson, W.A., Bollig, C., Hardman, P.J., Hanna, D.C. High-power diode-bar-pumped Nd:YLF laser at 1.053-μm 14084
Clarkson, W.A. *see* Bollig, C. 14056
Clarkson, W.A. *see* Friel, G.J. 3775
Clarkson, W.A. *see* Koch, R. 23836
Clarkson, W.A. *see* Loh, W.H. 3713
Clarkson, W.A. *see* Martin, K.I. 14051
Clarkson, W.A. *see* Martin, K.I. 23850
Clarkson, W.A. *see* Martin, K.I. 55884
Clary, C.E. *see* Hammer, D.X. 59779
Clarysse, P. *see* Orkisz, M. 56662
Clasen, H. *see* Doring, H. 9481
Classen, A. *see* Steffen, B. 35794
Classon, B.K., Sarwate, D.V. Frequency hopping patterns for spread-spectrum multiple-access systems 35472
Clatanoff, W.J. *see* Somasiri, N.L.D. 24351
Claude, A. *see* Laugt-Breuil, A.-M. 40740
Claude, P. *see* Laurent, D. 48875
Claude, S.M.X., Moon, S.W. The effect of electrode materials on Pb alloy superconducting tunnel junctions for submillimetre wave heterodyne receiver application 53623
Claudel, B. *see* Eyraud, L. 32660
Claudel, G. *see* Brendel, R. 27833
Claudet, S. *see* Barranco-Luque, M. 49012
Claudio, E.D.Di *see* Di Claudio, E.D.
Claus, E.A.I. Digital network for video surveillance and video distribution 16258
Claus, R. *see* Rutherford, P. 17401
Claus, R. *see* Zabaronick, N. 17405
Claus, R.O. *see* Arya, V. 48597
Claus, R.O. *see* Bhatia, V. 7388
Claus, R.O. *see* Elster, J.L. 7386
Claus, R.O. *see* Grace, J.L. 17403
Claus, R.O. *see* Greene, J.A. 17402
Claus, R.O. *see* Huston, D.R. 20152
Claus, R.O. *see* Jones, M.E. 18658
Claus, R.O. *see* Jones, M.E. 49873
Claus, R.O. *see* Murphy, K.A. 17443
Clausen, A., Cochran, D. An invariance property of the generalized coherence estimate 45949
Clausen, C.Balslev *see* Balslev Clausen, C.
Clausen, J.I. *see* Ancoli-Israel, S. 59378
Clausen, P.D. *see* Bechly, M.E. 50862
Clausen, R. *see* Thale, W. 991
Clausen, T. Educational revolution in Norway? 20514
Clausing, R.E. *see* Tolt, Z.L. 30878
Clauss, G. *see* Barbier, D. 33109
Clauss, W., Muz, C., Mueller, W. Current filaments in the impact ionization breakdown of p-germanium forced by geometric boundary conditions 54047
Clauss, W. *see* Bertsche, G. 43754
Clauss, W. *see* Muz, Ch. 1974
Clausse, J.L. *see* De Passoz, G. 47412
Claussen, E.D. *see* Constantikes, K.T. 38120
Claustre, L. *see* Moy, J.P. 7840
Clavaguera, N. *see* Rodriguez-Viejo, J. 12318
Clavaguera-Mora, M.T. *see* Rodriguez-Viejo, J. 12318
Clavario, P., Pini, A., Pedevilla, M., Copello, F., De Martini, M., Airoldi, G., Massari, D., Biagini, A., Trucco, U. Fourier transform analysis of the blood pressure profiles in transdermal clonidine treated hypertensive patients undergoing abdominal surgery 49391
Claveau, F., Fortier, P., Lord, S., Gingras, D. Mechanical vibration analysis using an optical sensor 17804
Claveau, G. *see* Tillerot, F. 16760
Clavel, E., Roudet, J., Schanen, J.-L., Foutanet, A. Influence of the cabling geometry on paralleled diodes in a high power rectifier 29457
Clavel, E. *see* Rael, S. 40887
Clavel, M. *see* Hug, E. 32798
Clavenna, S. Impact of fiber optics and digital technologies on the copper wire/cable industry 47905
Claver, J.M., Hernandez, V., Quintana, E.S. Solving discrete-time Lyapunov equations for the Cholesky factor on a shared memory multiprocessor 602
Claverie, A. *see* Benamara, M. 32105
Claverie, A. *see* Cristiano, F. 31937
Claverie, A. *see* Omri, M. 31745
Claverie, A. *see* Simon, L. 813
Claverie, L., Oualid, J., Mille, J., Bonnaud, O., Jerisian, R. Physical properties of polysilicon diodes derived from a smart power technology 12884
Clavreul, R. Analysis of SF6/N2 gas mixture decomposition by-products in electric discharges 43472
Clavreul, R. Thermal ageing of ethylene propylene copolymer 43533
Clawson, A.R. *see* Leibovitch, M. 54160
Clawson, A.R. *see* Zhu, J.T. 22423
Clay, P., Desvard, J.P., Duthil, R., Gastebois, J., Grygiel, G., Knopf, U., Lange, R., Lejars, F., Mayri, C., Pailler, P., Petersen, B., Sellmann, D. Cryogenic and electrical test cryostat for instrumented superconductive RF cavities (chechia) 49023
Claydon, F.J. *see* de Jongh, A.L. 49737
Claydon, F.J. *see* Qiuju Huang 37893
Clays, K. *see* Kodaira, T. 33629
Clays, K. *see* Matsuda, N. 14388
Clayton, C. *see* Underwood, A.C. 59491
Clayton, L.D., Eernisse, E.P. Application of finite element analysis to the design of quartz thickness-shear mode pressure sensors 17306
Clayton, M.J. *see* Wonyong Han 17550
Clayton, R. *see* Xu, M.L. 3829
Clayton, R.H., Campbell, R.W.F., Murray, A. Relation between intracardiac and surface ECG signals during the onset of human ventricular fibrillation 37823
Clayton, R.H., Campbell, R.W.F., Murray, A. Time-frequency analysis of ventricular arrhythmias 49695
Clear, R., Mistrick, R.G. Multilayer polarizers: a review of the claims 39415
Clearfield, H.M. *see* Berger, D.G. 1867
Cleary, A.C., Paterakis, M. A simulation study of stack based RRA algorithms operating in a microcellular environment 35519
Cleary, A.C., Paterakis, M. Design and performance evaluation of a scheme for voice-data channel access in third generation microcellular wireless networks 47624
Cleary, J.G., Legg, S., Witten, I.H. An MDL estimate of the significance of rules 56343
Cleary, J.G. *see* Boyd, C. 24668
Cleary, R.T. New standards-based software enhances real-time I/O performance 48389
Cleavelin, R. *see* Hennessey, K. 13059
Cleaver, J.R. *see* Boese, I.M. 58974
Cleaver, J.R.A. *see* Piotrowicz, P.J.A. 12803
Clech, J.-P. Solder Reliability Solutions: a PC-based design-for-reliability tool 21445
Cleef, M.W.M.van *see* van Cleef, M.W.M.
Cleek, K.J. *see* Maldonado, M.A. 18711
Cleeve, A.X. *see* Friedman, D.J. 38982
Clegg, A. Telecommunications and the Internet 6150

Clegg, B., Ewart, G., Brankin, F. Advances in circuit breaker testing and condition monitoring 38916
Clegg, D.B. *see* Herraez, M.A. 4988
Clegg, D.B. *see* Herraez, M.A. 34990
Clegg, L.V. Bonded foil strain gauge force transducers. I. Materials and designs 36472
Clegg, L.V. Bonded foil strain gauge force transducers. II. Performance 36475
Cleghorn, T.F., Jaggi, S. Algorithms for fractal dimension estimation in images: Applications and comparisons 5209
Clei, A. *see* Achouche, M. 54436
Cleirigh, C. *see* Vonwiller, J. 56364
Clejan, I., Dunham, S.T. Interactions of point defects with boron and arsenic precipitates 54041
Cleland, A.N., Roukes, M.L. Fabrication of high frequency nanometer scale mechanical resonators from bulk Si crystals 2860
Clem, J.R., Pe, T., McDonald, J. Voltage-probe-position dependence and magnetic-flux contribution to the measured voltage in AC transport measurements: which measuring circuit determines the real losses? 13494
Clemenceau, J.-G. *see* Jurcik, B. 41663
Clemens, J. Bringing DAB to the consumer 7045
Clemens, J.-C. *see* Arrighi, C. 7816
Clemens, J.C. *see* Becks, K.H. 59228
Clemens, J.C. *see* Solal, M. 37498
Clemens, W. *see* Van den Berg, H.A.M. 43669
Clement, C. *see* Rabarot, M. 14066
Clement, F.J.R. *see* Blalack, T. 43241
Clement, J.J. *see* Filter, W.F. *(editor)* 39546
Clement, J.W. *see* Bonebright, R.K. 49891
Clement, M. *see* Hernandez, D. 48611
Clement, M. *see* Pin, O. 48983
Clement, R.E. LWIR spectral properties of CVD diamond at cryogenic temperatures 41883
Clement, T.S. *see* Taylor, A.J. 17837
Clemente, A. *see* Panero, S. 21993
Clemente, R.M., Acha, J.I. Blind separation of sources using a new polynomial equation 34769
Clementel, S. *see* Camensig, C. 51417
Clementi, C. *see* Ghidini, G. 42544
Clementi, J.J., Bergeron, C. Flip-chip assembly on CQFP using no-clean processing 20907
Clementi, L. *see* Vespasiani, G. 18180
Clements, A. *see* Goedert, R. 24219
Clements, D.W., Hall, M. Application of decontamination and melting of low-level waste 19493
Clements, J.C. *see* Penney, C.J. 59673
Clements, J.S., Bair, R.H., III Electrostatic powder coating of insulating surfaces using an alternating polarity internal corona gun 39457
Clements, K.A. *see* Baldick, R. 50306
Clements, M. *see* Moyer, G.C. 40943
Clements, M.A. *see* Jianwei Miao 25759
Clements, M.A. *see* Macon, M.W. 14936
Clements, M.A. *see* Necioglu, B.F. 15041
Clements, R.R. Computer algebra for engineers–the potentials and the problems 52062
Clements, S.J. *see* Day, S. 26930
Clements, S.J. *see* Thompson, G.H.B. 36110
Clements, T. Environmental control and air conditioning [IT systems] 39433
Clendenin, J.E. RF photoinjectors 37209
Clenet, M., Dlouris, J.F., Sharaiha, A., Saillard, J., Terret, C. An experimental study of an antenna system for a portable terminal 56183
Clenet, S., Vinassa, J.M., Astier, S., Lefevre, Y., Lajoie-Mazenc, M. Influence of the brushless DC motor torque compensation by acting on the current waveshapes on the torque speed characteristics 60795
Clenet, S. *see* Leplat, P.M. 29299
Clerc, C. *see* Desimoni, J. 12643
Clerc, G. *see* Pezet, F. 41549
Clerc, L. *see* Martinuzzi, S. 39018
Clercq, B.Dė *see* De Clercq, B.
Clercq, E.de *see* de Clercq, E.
Clergeot, H. *see* Flieller, A. 4688
Clergeot, H. *see* Grouffaud, J. 25098
Clergeot, H. *see* Le Foll, G. 26973
Clergoet, H. *see* Popescu, B. 48136
Clerjaud, B., Cote, D., Hahn, W.S., Lebkiri, A., Ulrici, W., Wasik, D. On the way to the investigation of hydrogen in GaN: hydrogen in nitrogen doped GaP and GaAs 41957
Clermont, P. *see* Aldanondo, M. 39708
Clerot, F. *see* Guillemot, C. 26445
Clesca, B., Gauchard, S., Rodrigues, V., Lesterlin, D., Kuhn, E., Bodere, A., Haisch, H., Satzke, K., Vinchant, J.-F. 2.5-Gbit/s, 1291-km transmission over non-dispersion-shifted fibre using an integrated electroabsorption modulator/DFB laser module 26829
Clesca, B., Thiery, J.-P., Pierre, L., Havard, V., Bruyere, F. Bit error rate degradation related to differential group delay and input polarisation for 10-Gbit/s terrestrial systems in presence of chromatic dispersion and polarisation mode dispersion 16828
Clesca, B. *see* Beylar, J.-L. 26821
Clesca, B. *see* Beylat, J.-L. 23815
Cleton, F. *see* Boudjani, A. 31998
Cleve, R., DiVincenzo, D.P. Schumacher's quantum data compression as a quantum computation 14768
Cleveland, J.P. *see* Walters, D.A. 2857
Cleveland, L.E. *see* Chen, J.C. 1414
Clevenger, L.A., Arcot, B., Ziegler, W., Colgan, E.G., Hong, Q.Z., d'Heurle, F.M., Cabral, C., Jr., Gallo, T.A., Harper, J.M.E. Phase formation in Cu(Sn) alloy thin films 42748
Clevenger, L.A., Cabral, C., Jr., Roy, R.A., Lavoie, C., Jordan-Sweet, J., Brauer, S., Morales, G., Ludwig, K.F., Jr., Stephenson, G.B. Formation of a crystalline metal-rich silicide in thin film titanium/silicon reactions 31793
Clevenger, L.A. *see* Svilan, V. 43321
Clevenger, L.A., Jr. *see* Cabral, C. 42660
Clews, P.J., Nelson, G.C., Matlock, C.A., Resnick, P.J., Adkins, C.L.J., Korbe, N.C. Sulfuric acid/hydrogen peroxide rinsing study [wafer cleaning] 42455
Clews, P.J. *see* Resnick, P.J. 42484
Cleynenbreugel, J.Van *see* Van Cleynenbreugel, J.
Cliber, J. *see* Wohlgemuth, J.H. 39157
Cliff, A.F. Conducting a programme of learning improvement with 'educationally disadvantaged' students in engineering 39615
Cliff, R. *see* Turner, J. 12809
Clifford, P. *see* Carpenter, J. 34743
Clifford, S.F. *see* Kropfli, R.A. 8492
Clifford, S.F. *see* Lataitis, R.J. 18857
Clifft, B. *see* Zinkann, G.P. 49144
Clifft, B.E. *see* Pardo, R.C. 37105
Clifton, J.C., Gohlar, T., Patel, M., Crewe, S., Lysejko, M. RF transceiver architectures for wireless local loop systems 58103
Clifton, J.C. *see* Buck, B.J. 53650
Clifton, J.C. *see* Devlin, L.M. 58116
Climaco, J. *see* Martins, A.G. 28851
Climent, V. *see* Lancis, J. 46180
Climent-Font, A. *see* Cervera, M. 12618
Clinch, M.R. *see* Hepples, W. 10938
Clinchot, D.M., Lorch, F. Sympathetic skin response in patients with reflex sympathetic dystrophy 8053
Cline, D., Neuffer, D. A muon storage ring for neutrino oscillations experiments 7688
Cline, D. *see* Liu, Y. 36998
Cline, D. *see* Murphy, C.T. 49262
Cline, D. *see* Neuffer, D. 7694
Cline, D.B. Physics potential of a few hundred GeV $\mu^+\mu^-$ collider 7689
Cline, D.B. Physics potential and development of $\mu^+\mu^-$ colliders 7692
Cline, D.B. Some comments on the early history of the $\mu^+\mu^-$ concept and the high intensity μ storage ring 7732
Cline, D.B. Overview of $\mu^+\mu^-$ collider options 7744
Cline, D.B. Conclusion: Progress in the development of $\mu^+\mu^-$ colliders 17979
Cline, D.B. On a discriminating liquid-xenon detector for SUSY dark-matter observation 37471
Cline, D.B. *see* Bogacz, S.A. 17967
Cline, D.B. *see* Bogacz, S.A. 27987
Cline, D.B. *see* Bogacz, S.A. 49259
Cline, D.B. *see* Green, M.A. 49358
Cline, D.B. *see* Liu, Y. 18017
Cline, D.B. *see* Palmer, R.B. 17966
Cline, D.B. *see* Sandler, P.H. 7738
Cline, T. *see* Hye-Sook Park 58842
Cline, T.L. *see* Katz, C.A. 58518
Clingingsmith, C. *see* Crowley, J. 30187
Clinlon Lin *see* Keang-Po Ho 6854
Clint, M. *see* Murphy, K. 10473
Clint, M. *see* Weston, J. 10474
Clinthorne, N.H. *see* Fessler, J.A. 49544
Clinthorne, N.H. *see* Uritani, A. 59365
Clinton, T.W., Johnson, M. Mesoscopic magneto-quenched superconducting valve 43796
Cliquet, A., Jr. *see* Nohama, P. 8084
Cliquet, A., Jr. *see* Quevedo, A.A.F. 49753
Clist, R. *see* Power, W. 35024
Clivaz, P.A. *see* Letourneau, P. 9861
Clodius, D., Glaunsinger, W., Grebe, E., Losing, M., Luther, M., Zimmermann, U. Investigation of stability for synchronous parallel operation of the interconnected networks of UCPTE and CENTREL 8797
Clodius, W.B. *see* Borel, C.C. 18795
Clodius, W.B. *see* Smith, B.W. 18809
Cloeren, J.M., Hamilton, C. Precision crystal oscillator for interplanetary radio science 13365
Cloeren, J.M. *see* Norton, J.R. 13319
Cloete, J.H. *see* Du Toit, L.J. 14579
Cloetens, P. *see* Verbandt, Y. 58798
Cloft, H.J., Murphy, K.J., Prince, M.R., Brunberg, J.A. 3D gadolinium-enhanced MR angiography of the carotid arteries 37623
Cloitre, T., Alexis, J.P., Briot, O., Aulombard, R.L., Gilliot, P. Optimisation of ZnSe and ZnCdSe alloys grown by MOVPE for blue-green microgun laser application 21241
Cloitre, T. *see* Aigouy, L. 22359
Cloitre, T. *see* Liaci, F. 22317
Clomenil, D. *see* Sanghadasaa, M. 24217
Clonts, L.G. *see* Britton, C.L., Jr. 59321
Clonts, L.G. *see* Crutcher, R.I. 58213
Clonts, L.G. *see* Emery, M.S. 59331
Cloonan, J. *see* Chan, K.K. 32996
Cloonan, T.J. *see* Hinterlong, S.J. 35886
Cloonan, T.J. *see* Lentine, A.L. 58290
Close, J.A., Tavernor, A.W. Improvements in metrology of non-linear piezoelectrics 43493
Closs, K.D. *see* Kim, J.I. 38513
Clouard, R. *see* Angot, F. 46024
Cloude, S.R., Milne, A., Thornhill, C., Crisp, G. UWB SAR detection of dielectric targets 6966
Cloude, S.R., Pottier, E. An entropy based classification scheme for land applications of polarimetric SAR 28601
Clough, M.O. Seabed topographic classification and mapping 50007
Clough, R.L. *see* Kudoh, H. 59842
Cloughley, C. *see* Ordys, A.W. 38629
Clouston, R. *see* Inkol, R.J. 15239
Clout, R. *see* Wang, J.-G. 58199
Clouthier, R.S. SMT stencil cleaning: a decision that could affect production 11889
Cloutier, G. *see* Fontaine, I. 49557
Cloutier, G. *see* Zhenyu Guo 18235
Cloutier, J., Corny, E., Guertin, F. Model partitioning and the performance of distributed timewarp simulation of logic circuits 21580
Cloutier, P., Sanche, L. An apparatus to investigate the effects of hot electrons in the aging of polyethylene cables 1751
Clugston, D.A. *see* Basore, P.A. 39086
Cluitmans, P.J.M. *see* Van Gils, M.J. 59698
Cluitmans, P.J.M. *see* Van Gils, M.J. 59717
Clune, T. *see* Mardirossian, G. 7967
Clutton-Brock, T. ITU and technology 18483
Cluver, K. A method for the reconstruction of missing speech frames using linear prediction and sub-band excitation 4614
Cluver, K., Noll, P. Reconstruction of missing speech frames using sub-band excitation 34709
Clymer, B.D. *see* Roden, C.A. 6831
Clynne, T.H., McCoy, J.R. Modularity requirements for uncooled drivers vision enhancement system 17525
Cnossen, G. *see* Verhulst, A.G.H. 48771
Co, R.S., Yang, H.C., Haw-Ming Haung A dual token ring and Ethernet LAN interface chip 57844
Co, R.S. *see* Yang, H.C. 41279
Coady, A.M. *see* Mussurakis, S. 18221
Coady, L. *see* Benjauthrit, B. 4470
Coakley, J.A., Jr. *see* Qian Ye 18833
Coakley, W.T. *see* Barrow, D.A. 28694
Coan, B.A. *see* Abu-Amara, H. 26176
Coane, P. *see* Cook, J. 32577
Coane, P.J. *see* Friedrich, C.R. 43398
Coapman, C.R. *see* LaBranche, M.H. 61294
Coat, F.Le *see* Le Coat, F.
Coate, J. *see* Elster, J.L. 7386
Coates, D., Ferreira, E., Charkey, A. Development of a long cycle life sealed nickel-zinc battery for high energy-density applications 60998
Coates, D. *see* Reass, W. 51257
Coates, J., Dave, M. Real-time enterprise connectivity: integrating your business for world class PCB manufacturing 9972
Coates, K. *see* Kim, N.P. 38007
Coates, R. *see* Francis, D.T.I. 43595
Coates, R. *see* Wang, L. 38044
Coates, R.F.W. *see* Galvin, R. 48029
Coates, R.F.W. *see* Zheng, M. 36202
Coates, R.F.W. *see* Zheng, M. 48030
Coates, W.S. *see* Molnar, C.E. 53239
Coats, R.E.W. *see* Galvin, R. 48027
Coban, M.Z., Mersereau, R.M. Adaptive subband video coding using bivariate generalized Gaussian distribution model 25582
Cobanov, N. *see* Ungarov, J. 29765
Cobb, A.T., O'Conner, T.P. A model of successful student recruitment for satellite engineering technology programs 20520
Cobb, H.S. *see* Cohen, C.E. 60003
Cobb, J.A., Gouda, M.G. Group routing without group routing tables: an exercise in protocol design 46723
Cobb, J.A., Gouda, M.G., El Nahas, A. Time-shift scheduling: fair scheduling of flows in high speed networks 57906
Cobb, J.H. *see* Allison, W.W.M. 37269
Cobb, N., Zakhor, A., Miloslavsky, E. Mathematical and CAD framework for proximity correction 2510
Cobben, P.L. *see* Walba, D.M. 44097
Cobbold, C.M., Donaldson, R.W. Enhancements for integrated wireless personal communications over metropolitan area networks 6605
Cobbold, R.S.C. *see* Bascom, P.A.J. 49556
Cobden, D.H., Kogan, E. Measurement of the conductance distribution function at a quantum Hall transition 32417
Cobiami, C. *see* Plugari, R. 42408
Cobianu, C., Cosmin, P., Plugaru, R., Dascalu, D., Holleman, J. LPCVD conditions generating an intense homogeneous decomposition of silane in the temperature range of 500-630°C 40636
Cobianu, C., Savaniu, C., Buiu, O., Dascalu, H., Zaharescu, M., Parlog, C., Van den Berg, A., Pecz, B. Tin dioxide sol-gel derived thin films deposited on porous silicon 40517
Cobianu, C. *see* Modreanu, M. 48921
Cobianu, C. *see* Plugaru, R. 31772
Cobo, A. *see* Lopez-Higuera, J.M. 50813
Cobos, J.A., Garcia, O., Uceda, J., Aldana, F., Sebastian, J., de la Cruz, E. Two stage DC/DC converter with low output voltage (3.3 V) and optimized synchronous rectification stage 40919
Cobos, J.A., Garcia, O., Uceda, J., Sebastian, J., Martinez, A., Arau, J. Compact AC/DC converter with low output voltage (3.3 V) and power factor correction 9345

Cobos, J.A., Garcia, O., Uceda, J., Sebastian, J., Ollero, S., de la Cruz, E. Low power and low output voltage (3.3 V) AC/DC converter with power factor correction 40914
Cobos, J.A. *see* Barrado, A. 9349
Cobos, J.A. *see* Canalli, V.M. 51102
Cobos, J.A. *see* Garcia, O. 1127
Cobos, J.A. *see* Lazaro, A. 51275
Cobos, J.A. *see* Martinez, A. 51375
Cobos, J.A. *see* Pleite, J. 40918
Cobos, J.A. *see* Sebastian, J. 9348
Cobos, J.A. *see* Sebastian, J. 51226
Cobos, J.A. *see* Simonetti, D. 9347
Coburn, F.D., III Web authoring with Web.Designer 26167
Coburn, W.O. *see* Berning, P.R. 33870
Coccaro, N.B. *see* Bellegarda, J.R. 14890
Cocchi, M. *see* Bazzano, A. 7799
Cocchini, P., Piccinini, G., Zamboni, M. Accurate technology independent models for submicron CMOS and BiCMOS circuits 2774
Coccia, L.G., Tyrrell, G.C., Boyd, I.W. Gas-phase reactions during reactive laser ablation of Ti and Si in N_2 and O_2 rarefied atmospheres analysed using energy-dispersive mass spectrometry 40629
Coccioli, R., Itoh, T., Pelosi, G., Silvester, P.P. Finite-element methods in microwaves: a selected bibliography 21210
Coccioli, R. *see* Pelosi, G. 45047
Cocco, G.Di *see* Di Cocco, G.
Cocco, V., Marietti, P., Trifiletti, A. High yield design of MMIC transimpedance amplifiers for multigigabit optical transmission systems 58312
Cochardt, J.-L. *see* Bornet, O. 46966
Coche, E. *see* Lucidarme, O. 37641
Cochennec, J.Y. *see* Picand, F. 47328
Cochet, P.-Y. *see* Riou, C. 15384
Cochez, M.A., Jumas, J.C., Lavela, P., Morales, J., Olivier-Fourcade, J., Tirado, J.L. New tin-containing spinel sulfide electrodes for ambient temperature rocking chair cells 29538
Cochran, D. *see* Balart, R. 415
Cochran, D. *see* Chatfield, S. 9921
Cochran, D. *see* Clausen, A. 45949
Cochran, E.L., Miller, C., Bullemer, P. Abnormal Situation Management in petrochemical plants: can a Pilot's Associate crack crude? 139
Cochran, J.K. *see* Alkoy, S. 17311
Cochran, S.L. *see* Sanford, T.W.L. 7753
Cochran, W.O., Hart, J.C., Flynn, P.J. Fractal volume compression 15922
Cochran, W.T. *see* Twiford, M.S. 43313
Cochrane, D. *see* Glick, S. 35399
Cochrane, N. *see* Youle, G. 50185
Cochrane, N.M. *see* Pal, S.K. 61204
Cochrane, P. The potential and promise of WDM networks 35439
Cochrane, P. Beam me up! I really want to be mobile 35923
Cochrane, T. *see* Harris, N.D. 49374
Cocito, M. *see* Zylbersztejn, A. 26901
Cocivera, M. *see* Beck, M.E. 30857
Cocivera, M. *see* De Merchant, J. 41909
Cocivera, M. *see* Golego, N. 40503
Cock, R.T. A highly thinned image plate array antenna using microstrip patch radiating elements 34467
Cockayne, D.J.H. *see* Yuan, S. 42136
Cockburn, J.W., Finley, J.J., Skolnick, M.S., Wisniewski, P., Grey, R., Hill, G., Pate, M.A. Determination of intervalley scattering times in GaAs from electroluminescence spectroscopy of single barrier tunneling devices 31958
Cockburn, J.W. *see* Teissier, R. 2108
Cockcroft, S. *see* Troczynski, T. 38585
Cockerill, D. *see* Alexeev, G. 59200
Cockerill, D.J.A. *see* Allison, W.W.M. 37269
Cockroft, N.J. *see* Carrig, T.J. 23785
Cockrum, C.A. *see* Benson, J.D. 21287
Cockrum, C.A. *see* De Lyon, T.J. 702
Cockrum, C.A. *see* De Lyon, T.J. 48645
Cockrum, C.A. *see* Rajavel, R.D. 711
Cockrum, C.A. *see* Rajavel, R.D. 27578
Cockrum, C.A. *see* Wu, O.K. 48663
Cocks, J.F.C. *see* Butler, P.A. 37520
Coco, S. *see* Aiello, G. 14520
Coco, S. *see* Aiello, G. 44868
Coco, S. *see* Aiello, G. 44907
Coco, S. *see* Aiello, G. 44948
Cocorullo, G., Della Corte, F.G., Iodice, M., Rendina, I., Sarro, P.M. Temperature monitoring with a fully integrable on chip interferometric silicon micro-sensor based on the thermo-optic effect 7257
Cocorullo, G., Della Corte, F.G., Iodice, M., Rendina, I., Sarro, P.M. A temperature all-silicon micro-sensor based on the thermo-optic effect 58695
Cocorullo, G., Della Corte, F.G., Rendina, I., Minarini, C., Rubino, A., Terzini, E. Amorphous silicon waveguides and light modulators for integrated photonics realized by low-temperature plasma-enhanced chemical-vapor deposition 33314
Cocorullo, G., Della Corte, F.G., Rendina, I., Rubino, A., Terzini, E. An amorphous silicon/silicon carbide thin-film thermo-optical interferometer at λ=1.5 μm with 3 MHz bandwidth capability 33088
Cocq, D., Manarin, A., Rossa, E., Spanggaard, J. Vertical bunch-size measurement at LEP using very fast X-ray detectors 37070
Cocquerelle, J.L., Cuvillier, J. Cycloconverter with 800 Hz two phase input voltage and pulse width modulation reference used to transfer energy to the 50 Hz single phase mains 51357
Coda, R. *see* Radford, W. 17492
Coderre, J. New trends in surface finishing for ceramic substrates and printed circuit boards 20919
Coderre, J. *see* Rosenfeld, A.B. 28465
Coderre, J.A. *see* Wielopolski, L. 8121
Codina, R., Soto, O. Finite element solution of the Stokes problem with dominating Coriolis force 52571
Codjo, J. Strategies for entry into the mobile telecommunications sector: sectorial proximity and company competitors 26067
Codrescu, L. *see* Wills, D.S. 3657
Cody, G., Tiedje, T. A learning curve approach to projecting cost and performance in thin film photovoltaics 50847
Cody, N. *see* Huang, J.H. 42284
Cody, N. *see* Martinez, M.J. 43120
Cody, W. *see* Arya, M. 15430
Coe, D.J., White, R.G. Experimental moving target detection results from a three-beam airborne SAR 27029
Coe, D.J. *see* Murray, D.J. 58475
Coelho, A.A., Gama, S., Ribeiro, C.A., Sanjurjo, N.L., Mohan, C.V., Kronmueller, H. Some experiments on the crystal growth and characterization of $Fe_{17}R_2$ (R=rare earth) single crystals by the Bridgman method 30706
Coelho, C. *see* Appiani, E. 15579
Coelho, C. *see* Benini, L. 1324
Coelho, C. *see* Jain, J. 30508
Coelho, D. *see* Martins, A.G. 28851
Coelho, P.J., Carvalho, M.G. Evaluation of a three-dimensional mathematical model of a power station boiler 29086
Coelho, R., Aladenize, B., Mirebeau, P. On the intrinsic space-charge in a d.c. power cable 38374
Coene, C., Klulsch, J., Coppoolse, N., Vandewege, J. CMOS IC for communication over the mains line 6383
Coene, W., Keesman, G. A fast route for application of rate-distortion optimal quantization in an MPEG video encoder 57447
Coene, W.M.J., Keesman, G.J. On performance gains in MPEG-2 video coding via a rate-distortion optimal route 46265
Coetzer, J., Nolte, M.J. The Zebra battery: a South African contender for electric vehicle application 38951
Coeuret, F. *see* Etemadi, R. 30917
Coeurjolly, C. *see* Bathelon, L. 36147
Coey, J.M.D. Industrial applications of permanent magnetism 32879
Coey, J.M.D. Permanent magnetism 43715
Coey, J.M.D. *see* Dempsey, N.M. 3137
Coey, J.M.D. *see* Kobayashi, K. 3047
Coey, J.M.D. *see* Kobayashi, K. 3136
Coey, J.M.D. *see* Masterson, H.J. 43604
Coey, J.M.D. *see* O'Donnell, K. 3127
Coey, J.M.D. *(editor)* Rare-earth iron permanent magnets 30015
Coffa, S., Franzo, G., Priolo, F., Libertino, S., Mosca, R., Gombia, E., Spinella, C. Ion implantation doping of Si for optoelectronic applications 32118
Coffa, S., Lombardo, S., Priolo, F., Franzo, G., Campisano, S.U., Polman, A., van den Hoven, G.N. Erbium doping of crystalline and amorphous silicon for optoelectronic applications 42368
Coffa, S., Privitera, V., Priolo, F., Libertino, S., Mannino, G. Depth profiles of vacancy- and interstitial-type defects in MeV implanted Si 32132
Coffa, S. *see* Franzo, G. 33306
Coffa, S. *see* Privitera, V. 31746
Coffa, S. *see* Valdinoci, M. 54559
Coffee, J.R., Maganty, P. An integrated DGPS/INS navigation system for a ballistic missile: design and flight test results 50265
Coffelt, E., Martella, M. Optical filters on board the Space Telescope Imaging Spectrograph (STIS) 44188
Coffer, J.L., Bigham, S.R., Xin Li, Pinizzotto, R.F., Young Gyu Rho, Pirtle, R.M., Pirtle, I.L. Dictation of the shape of mesoscale semiconductor nanoparticle assemblies by plasmid DNA 12004
Coffey, J.T., Kiely, A.B. The capacity of coded systems 24625
Coffey, J.T. *see* Guey, J.-C. 56549
Coffey, J.W. *see* Ford, K.M. 37714
Coffey, M.A., Etter, D.M. Edge-compensated wavelet analysis of irregularly-supported fields 28599
Coffey, T., Saidha, P. Logic for verifying public-key cryptographic protocols 46722
Coffield, P. *see* Mellott, J.D. 21754
Coffin, C.T. *see* Moon, N. 49363
Coffin, J. *see* Lear, E. 16180
Coffin, J.T. *see* Pompeo, F.L. 30290
Coffin, R. *see* Brody, G. 47864
Coffman, R.V. *see* Axness, T.A. 4388
Cofield, C. *see* Olsen, R.W. 37563
Coftey, J.T. *see* Chen, I.-C.K. 4453
Cogan, A.I., Apte, D., Sulak, F., Wei, T., Spear, J., Max, L.B. Microwave integrated circuits meet HF project demands for high-dynamic range 21969
Cogan, D.de *see* de Cogan, D.
Cogan, S.F., Rauh, R.D., Klein, J.D., Nguyen, N.M., Jones, R.B., Plante, T.D. Variable transmittance coatings using electrochromic lithium chromate and amorphous WO_3 thin films 55369
Coggins, R., Jabri, M., Wang, R., Avery, S. An amplitude and shift invariant micropower template matcher 37876
Coghe, A., Ferri, L., Ghezzi, U., Pasini, S., Solero, G. Test bench for industrial burners: a diagnostic study for combustion control and process regulation 27391
Cogitore, B., Keradec, J.P., Krafft, B. Understanding wire heatings near magnetic component air gap 41554
Cognet, L. *see* Ghezali, S. 27316
Cogo, J.R., Souza de Sa, J. Direct current machines control in unbalanced AC networks 9264
Cogswell, R. *see* Rana, S. 10321
Cohen, A., Mrabet, R. Modeling function-based communication protocol entities for performance assessment, application to XTP 46748
Cohen, A. *see* Fowler, W. 20535
Cohen, A. *see* Mittra, R. 36298
Cohen, A. *see* Rotman, S.R. 8649
Cohen, A. *see* Rotman, S.R. 19011
Cohen, A.D. *see* Parker, M.C. 47973
Cohen, A.M. *see* Jones, J.E. 44914
Cohen, C. LCDs move to the desktop 44087
Cohen, C.E., Cobb, H.S., Lawrence, D.G., Pervan, B.S., Powell, J.D., Parkinson, B.W., Aubrey, G.J., Loewe, W., Ormiston, D., McNally, B.D., Kaufmann, D.N., Wulischieger, V., Swider, R. Automatic landing of a 737 using GNSS integrity beacons 60003
Cohen, D. *see* Kedem, K. 56908
Cohen, D.A., Coldren, L.A. Temperature compensation of the threshold current, differential efficiency, and refractive index of a GaInAs/InP MQW diode laser mounted on a bimetallic heatsink 14107
Cohen, D.A., Coldren, L.A. Wavelength and threshold current stabilization of an uncooled diode laser, using thermal stress 55632
Cohen, D.A., Levi, A.F.J., Yian Chang, Fetterman, H.R., Newberg, I. Video broadcast using an optically-controlled serially-fed phased-array antenna 56215
Cohen, D.A., Yian Chang, Levi, A.F.J., Fetterman, H.R., Newberg, I.L. Optically controlled serially fed phased array sensor 16700
Cohen, D.A. *see* Chang, Y. 34393
Cohen, D.A. *see* Fetterman, H.R. 45460
Cohen, D.J. The spectrum management process: how it is working to support the new wireless services 48209
Cohen, E., Hui-Ling Lou Multi-rate detection for the IS-95A CDMA forward traffic channels using the 13 kbps speech coder 6626
Cohen, E. *see* Ashkinadze, B.M. 2176
Cohen, E. *see* Chen-Esterlit, Z. 12398
Cohen, E. *see* Fallaha, A. 28961
Cohen, E. *see* Harel, R. 12402
Cohen, E. *see* Manassen, A. 2209
Cohen, E. *see* Opher-Lipson, M. 12395
Cohen, F. Managing network security. 3. Network security as a control issue 46917
Cohen, F. Managing network security. 4. Integrity first, usually 46929
Cohen, F. Managing network security. 5. Risk management or risk analysis 57740
Cohen, F. *see* Anderman, M. 59957
Cohen, F.B. A secure World-Wide-Web daemon 26136
Cohen, F.S., Georgiou, G. Can a machine outperform a clinician in interpreting ultrasound images? 49411
Cohen, F.S., Georgiou, G., Halpern, E.J. WOLD decomposition of the backscatter echo in ultrasound images of soft tissue organs 59421
Cohen, G. *see* Noach, S. 17621
Cohen, G.B., Pogreb, R., Vinokur, K., Davidov, D. Spatial light modulator based on a deformed-helix ferroelectric liquid crystal and a thin a-Si:H amorphous photoconductor 33144
Cohen, G.D., Litsyn, S., Zemor, C. On greedy algorithms in coding theory 24713
Cohen, G.D., Litsyn, S.N., Lobstein, A.C., Mattson, H.F., Jr. Covering radius 1985-1994 56293
Cohen, G.M. *see* Betser, Y. 12634
Cohen, G.M. *see* Ham, F.M. 59535
Cohen, H. Hermite and Smith normal form algorithms over Dedekind domains 10470
Cohen, H. *see* Tsirlina, T. 30767
Cohen, H.A. Proposal for JPEG: thumbnail-based image access/retrieval 15651
Cohen, H.A. Parallel algorithm for gray-scale image segmentation 46149
Cohen, H.A. The gerrymander problem in vector quantization 46158
Cohen, H.A. Thumbnail-based image coding utilising the fractal transform 56743
Cohen, H.A. Image restoration via N-nearest neighbour classification 57208
Cohen, H.A. *see* You, J. 25407
Cohen, H.A. *see* You, J. 35317

Cohen, I., Raz, S., Malah, D., Schnitzer, I. Best basis algorithm for orthonormal shift-invariant trigonometric decomposition 45996
Cohen, I. *see* Berroir, J.-P. 5113
Cohen, I. *see* Schnitzer, I. 53976
Cohen, I.M. *see* Jog, M.A. 10119
Cohen, J. *see* Whitmal, N.A. 34917
Cohen, J.D. *see* Palsule, C. 42077
Cohen, J.W., Down, D.G. On the role of Rouche's theorem in queueing analysis 52417
Cohen, K.P., Tompkins, W.J., Djohan, A., Webster, J.G., Hu, Y.H. QRS detection using a fuzzy neural network 59660
Cohen, L. Topics in time-frequency representations 24893
Cohen, L. *see* Cristobal, G. 25267
Cohen, L. *see* Goldblum, C.E. 45248
Cohen, L. *see* Gooding, M. 36427
Cohen, L. *see* Umesh, S. 24855
Cohen, L.C. *see* Gerloff, C. 59642
Cohen, L.D. Deformable surfaces and parametric models to fit and track 3D data 25673
Cohen, L.D., Kimmel, R. Fast marching the global minimum of active contours 56938
Cohen, L.D. *see* Bardinet, E. 59385
Cohen, L.D. *see* Leroy, B. 5635
Cohen, L.F. *see* Cowie, A. 13513
Cohen, L.F. *see* Rahman, F. 23411
Cohen, M., Eichenbaum, A., Kleinman, H., Chairman, D., Gover, A. Single-mode selection and axial mode control in a free-electron maser oscillator using a prebunched electron beam 13906
Cohen, M. *see* Abrash, V. 15097
Cohen, M. *see* Amano, K. 27188
Cohen, M. *see* Garbuzov, D. 12350
Cohen, M. *see* Kozlowski, L.J. 17503
Cohen, M. *see* Rivlin, Z. 15047
Cohen, M. *see* Yan Shi 17353
Cohen, M.A. *see* Yugang Fang 1654
Cohen, M.J. *see* Lange, M.J. 17465
Cohen, M.L. Theory of novel heterostructures and their properties 42162
Cohen, M.S., Johnson, G.W., Trewhella, J.M., Lacey, D.L., Oprysko, M.M., Karst, D.L., DeFoster, S.M., Hogan, W.K., Peterson, M.D., Weirick, J.A. Low-cost fabrication of optical subassemblies 6742
Cohen, N. *see* Urieli, S. 25449
Cohen, N. *see* Urieli, S. 56966
Cohen, P. *see* Labonte, F. 5429
Cohen, P. *see* Labonte, F. 57459
Cohen, P.A., Spitzak, S.E., Miller, S.P. A graphical user interface for multibeam map production and survey management 49996
Cohen, P.I. *see* Held, R. 52724
Cohen, R. 100VG and 100-BaseT tutorial 26117
Cohen, R.J. *see* Bin He 59644
Cohen, R.J. *see* Chon, K.H. 59648
Cohen, R.J. *see* Feldman, A. 49731
Cohen, R.J. *see* Fieldman, A. 49729
Cohen, R.J. *see* Osaka, M. 59654
Cohen, R.M. *see* Chen, C.Y. 12657
Cohen, R.M. *see* Chen, C.Y. 42052
Cohen, R.M. *see* Yuan, S. 42136
Cohen, S. *see* Arianer, J. 37191
Cohen, S. *see* Chen, W. 2799
Cohen, S. *see* Lee, K.-W. 187
Cohen, S. *see* Tsirlina, T. 30767
Cohen, S. *see* Wagner, A. 12798
Cohen, S.A. *see* Kane, W.F. 40586
Cohen, S.D. The length of primitive BCH codes with minimal covering radius 45552
Cohen, S.L. *see* Ouimet, G. 32223
Cohen, U., Tzanavaras, G. A high rate electroplating cell for Ni-Fe 30854
Cohen, V. EMC–beyond 1996 [power supply quality] 19412
Cohen, Y., Erell, A., Bistritz, Y. Enhancement of connected words in an extremely noisy environment 34694
Cohen-Adad, M.T. *see* Foulon, G. 33032
Cohen-Solal, M. *see* Becks, K.H. 59228
Cohn, D. *see* Atkins, S. 59917
Cohn, D.R. *see* Bromberg, L. 38963
Cohn, N.A. *see* Shapo, B.M. 28188
Cohn, S. *see* Brody, G. 47864
Cohn, S.A. *see* Holloway, C.L. 18821
Cohn, T.E. Engineered visibility warning signals: an IDEA project 58947
Cohoon, J.P. *see* Lienig, J. 11134
Coiante, D., Barra, L. Renewable energy capability to save carbon emissions 50695
Coifman, R.R., Matviyenko, G., Meyer, Y. Modulated Malvar-Wilson bases 56252
Coifman, R.R., Wong, L. Adapted waveform analysis, a tool for audio, image and video enhancement 56652
Coifman, R.R. *see* Meyer, F.G. 35363
Coifman, R.R. *see* Meyer, F.G. 56800
Coile, B.Van *see* Van Coile, B.
Coimbra, A.J.F., Marino-Neto, J., de Azevedo, F.M., Freitas, C.G., Barreto, J.M. Brain electrographic state detection using combined unsupervised and supervised neural networks 34739
Coin, R. *see* Tseng, S. 29097
Coir, D.W., Smith, A.E. Using a neural network as a function evaluator during GA search for reliability optimization 10364
Coirault, P., Trigeassou, J.C., Gaubert, J.P., Champenois, G. A recursive algorithm for parameter identification of an induction machine using reinitialized partial moments 60758
Coirault, P., Trigeassou, J.C., Kerignard, D., Gaubert, J.P. Recursive parameter identification of an induction machine using a non-linear programming method 9223
Coit, D.W., Smith, A.E. Considering risk profiles in design optimization for series-parallel systems 52352
Coito, F. *see* Silva, R.N. 39224
Cojocaru, C. *see* Elliott, D. 41240
Cojocaru, E. Antireflection quarter-wave-thick, high-spatial-frequency, surface-relief gratings at oblique incidence 3545
Cojocaru, I. *see* Vlad, V.I. 4150
Coker, C.F. *see* Crow, D.R. 28517
Coker, C.F. *see* Garbo, D.L. 28512
Coker, C.F. *see* Olson, E.M. 28513
Coker, C.F. *see* Sieglinger, B. 28515
Coker, R.J. *see* Grove, J.R. 8244
Coker, T.M. *see* Perennes, F. 57175
Cokkinides, G., Beker, B., Templeton, A. Cross-talk analysis using the floating conductor model 56071
Cokkinides, G. *see* Beker, B. 41548
Cokkinides, G.J., Beker, B., Templeton, A. Direct computation of capacitance in integrated passive components containing floating conductors 52247
Cola, A., Quaranta, F., Ciocci, M.A., Fantacci, M.E. A study of the electrical and charge-collection properties of semi-insulating GaAs detectors 37309
Cola, A., Reggiani, L., Vasanelli, L. Field-assisted capture of electrons in semi-insulating GaAs 49319
Cola, A. *see* Amendolia, S.R. 37346
Cola, G.de *see* de Cola, G.
Colace, L., DiVergilio, A., Vaidyanathan, S., Pearsall, T.P., Presting, H., Kasper, E. Photocurrent spectroscopy measurements of Si-Ge alloys and superlattices 2164
Colacino, F. *see* Goswami, D.Y. 29889
Colais, G. *see* Bonelli, P. 38207
Colak, S.B., Papaioannou, D.G., 't Hooft, G.W., van der Mark, M.B., Schomberg, H., Paasschens, J.C.J., Melissen, J.B.M., van Asten, N.A.A.J. Tomographic image reconstruction from optical projections in light-diffusing media 37659
Colak, S.B., Schleipen, J.J.H.B., Liedenbaum, C.T.H. Neural network using longitudinal modes of an injection laser with external feedback 3513
Colakoglu, K. *see* Salamov, B.G. 53891
Colalongo, L., Valdinoci, M., Baccarani, G., Migliorato, P., Tallarida, G., Reita, C. Numerical analysis of poly-TFTs under off conditions 54628
Colalongo, L., Verzellesi, G., Passeri, D., Margesin, B., Soncini, G., Ciampolini, P., Rudan, M. Numerical simulation of H^+-sensitive FETs: physical models and experimental validation 58724
Colalongo, L. *see* Pellegrini, A. 2564
Colalongo, L. *see* Valdinoci, M. 12140
Colalongo, L. *see* Valdinoci, M. 54559
Colaneri, P. *see* Bolzern, P. 10246
Colapicchioni, C. *see* Campanella, L. 60091
Colarco, P. *see* Betts, W. 59222
Colasanti, G. *see* Fiorini, R.A. 49713
Colavita, J. *see* Forcht, K. 35763
Colavito, D. *see* Ahlgren, D.C. 43253
Colban, E., Dupuy, F. Analysis and design of a management application using RM-ODP and OMT 5971
Colbourn, C.J. *see* Abel, R.J.R. 52395
Colbourn, C.J. *see* Ling, A.C.H. 45561
Colbourn, C.J. *see* Strayer, H.J. 57709
Colburn, J.S., Rahmat-Samii, Y. Dual antenna handsets diversity performance in indoor personal communications 58168
Colburn, J.S., Rahmat-Samii, Y., Jensen, M.A., Pottie, G.J. Diversity performance of dual antenna personal communication handsets 35943
Colburn, J.S., Ralmat-Samii, Y.R. Quadrifilar-curl antenna for the "Big-LEO" mobile satellite service system 34298
Colby, R.S., Mottier, F.M., Miller, T.J.E. Vibration modes and acoustic noise in a four-phase switched reluctance motor 29261
Colby, R.S. *see* Matsuo, T. 29414
Coldefy, F. *see* Azencott, R. 5140
Coldkorn, A. *see* Toga, A.W. 59490
Coldren, L.A. *see* Akulova, Y.A. 33532
Coldren, L.A. *see* Akulova, Y.A. 44530
Coldren, L.A. *see* Akulova, Y.A. 55649
Coldren, L.A. *see* Cohen, D.A. 14107
Coldren, L.A. *see* Cohen, D.A. 55632
Coldren, L.A. *see* Hegblom, E.R. 3930
Coldren, L.A. *see* Ko, J. 3811
Coldren, L.A. *see* Ko, J. 55608
Coldren, L.A. *see* Mason, B. 33545
Coldren, L.A. *see* Naone, R.L. 33525
Coldren, L.A. *see* San-Liang Lee 14147
Coldren, L.A. *see* Strzelecka, E.M. 44157
Coldren, L.A. *see* Strzelecka, E.M. 55612
Coldren, L.A. *see* Thibeault, B.J. 23902
Coldren, L.A. *see* Thibeault, B.J. 44569
Coldren, L.A. *see* Wipiejewski, T. 3841
Coldren, L.A. *see* Wipiejewski, T. 23930
Coldren, L.A. *see* Wipiejewski, T. 55736
Coldren, L.A. *see* Yu-Heng Jan 6842
Cole, A. *see* Stainforth, D. 50853
Cole, A.J. *see* Davies, W.S. 47406
Cole, A.L. *see* Krupczak, J.J., Jr. 44323
Cole, B., Higashi, R., Ridley, J., Holmen, J., Arendt, J., Malone, C., Stockbridge, R., Goldsmith, G.C., II, Jones, L. 512×512 WISP (wide band infrared scene projector) arrays 28506
Cole, B. *see* Goldberg, L. 3731
Cole, B. *see* Jergl, J. 51478
Cole, B. *see* Wong, W.H. 55135
Cole, B.E., Chamberlain, J.M., Henini, M., Cheng, T., Batty, W., Wittlin, A., Perenboom, J.A.A.J., Ardavan, A., Polisski, A., Singleton, J. Cyclotron resonance in ultra-low-hole-density narrow p-type GaAs/(Al,Ga)As quantum wells 42174
Cole, B.E., Chamberlain, J.M., Henini, M., Nakov, V., Gobsch, G. Far-infrared intersubband transitions in a two-dimensional GaAs/(Al,Ga)As hole system: Direct comparison of experiment and calculation 2144
Cole, B.L., Maddocks, J.D., Sharpe, K. Effect of VDUs on the eyes: report of a 6-year epidemiological study 8179
Cole, C., Jones, P.S., Gibson, D.R. Non-radioactive infrared coatings for single and multispectral applications 3550
Cole, C.K. *see* Murray, J.P. 8650
Cole, D., Moody, M., Sridharan, S. Position-independent enhancement of reverberant speech 45700
Cole, D. *see* Castellano, P.J. 15137
Cole, E.A.B., Boettcher, T., Snowden, C.M. Corrections to the calculation of bulk electron densities in quantum wells of HEMTs 43126
Cole, E.A.B., Snowden, C.M., Boettcher, T. Solution of the coupled Poisson-Schrodinger equations using the multigrid method [HEMT] 54709
Cole, E.L., Martineau, M. The expanding weather measurement role of the terminal radar 59984
Cole, G.P. *see* Yenchek, M.R. 39477
Cole, J.A., Tinker, M.H. Laser speckle spectroscopy–a new method for using small swimming organisms as biomonitors 49537
Cole, J.E., III Multipole hydrophone 18909
Cole, J.H., Reisner, D.E., Klein, M.G. Preliminary design of 1 kW bipolar Ni-MH battery for LEO-satellite application 18735
Cole, J.L. *see* Baer, J.W. 44189
Cole, J.S. *see* Mobley, S.B. 28519
Cole, J.S., Jr. Digital radio frequency memory modulator 50268
Cole, J.S., Jr., Jolly, A.C. Hardware-in-the-loop simulation at the U.S. Army Missile Command 28703
Cole, J.V. *see* Banerjee, S. 22491
Cole, L.G. The treatment of ship bilge, ballast and dock rain-water run-off by an ELECTROX™ process 39476
Cole, M., Kuczka, J.H., Rowe, V.G. North American hazardous locations: the future 39679
Cole, M., Melnychuk, S., Ng, Y., Schmidt, R. Status of the 1.76 MeV pulsed light ion beamline at the Northrop Grumman Advanced Technology and Development Center 49105
Cole, M. *see* Wang, R. 31529
Cole, M.D. *see* Melnychuk, S.T. 49110
Cole, M.J., Aina, S., Durkin, M., Ibsen, M., Vaninetti, F., Arcangeli, L., Gusmeroli, V., Laming, R.I. Design and application of long, continuously chirped fibre gratings 48024
Cole, M.J., Geiger, H., Laming, R.I., Set, S.Y., Zervas, M.N., Loh, W.H., Gusmeroli, V. Broadband dispersion-compensating chirped fibre Bragg gratings in a 10 Gbit/s NRZ 110 km non-dispersion-shifted fibre link operating at 1.55 μm 26779
Cole, M.J. *see* Pastor, D. 55228
Cole, M.S., Kastberg, E.J., Martin, G.B. Shock and vibration limits for CBGA and CCGA 20890
Cole, M.W. *see* Ren, F. 2403
Cole, P. *see* Barnaby, H. 22957
Cole, R. *see* Colton, D. 9925
Cole, R. *see* Jain, N. 15005
Cole, R. *see* Sutton, S. 24872
Cole, R.A., Yonghong Yan, Mak, B., Fanty, M., Bailey, T. The contribution of consonants versus vowels to word recognition in fluent speech 14998
Cole, R.C., Robertson, R.E., Garrett, R.M., Mayer, D.C. Formation of a bonded SOI interface using a spin-on dielectric 12594
Cole, R.J. *see* Thornton, J.M.C. 1986
Cole, T. *see* Groshens, T.J. 30949
Cole, T. *see* Groshens, T.J. 40569
Cole, T.D. Laser altimeter designed for deep space operation 8246
Cole, T.D., Boies, M., El-Dinary, A. Laser radar instrument for the near-Earth asteroid rendezvous (NEAR) mission 8256
Cole, T.D., Davidson, F. Performance evaluation of the Near-Earth Asteroid Rendezvous (NEAR) laser rangefinder 49892
Cole, T.D. *see* Boies, M.T. 6974
Cole, T.D. *see* Boies, M.T. 49893
Cole, T.D. *see* El-Dinary, A.S. 6973
Cole, T.D. *see* El-Dinary, A.S. 49895
Cole, T.D. *see* El-Dinary, A.S. 49898
Cole, T.D. *see* Le, B.Q. 49896
Cole, T.D. *see* Maurer, R.H. 49897
Cole-Hamilton, D.J. *see* Ng, T.L. 30740
Cole-Hamilton, D.J. *see* Pickett, N.L. 40467
Colella, N.J. *see* Kerns, J.A. 10959
Colella, P. *see* Helmsen, J. 2514

Coleman, B.D., Falk, R.S., Moakher, M. Space-time finite element methods for surface diffusion with applications to the theory of the stability of cylinders 655
Coleman, C. *see* Fisher, R. 24489
Coleman, C.J. Application of the extinction theorem to some antenna problems 14704
Coleman, D. *see* Hendricks, K. 11231
Coleman, D.J. *see* Lizzi, F.L. 37867
Coleman, G.P. *see* Thon, L.E. 11576
Coleman, J. *see* Li, X. 41932
Coleman, J.H. *see* Jianming Li 12591
Coleman, J.J. *see* Dragic, P.D. 18943
Coleman, J.J. *see* Kim, Y.D. 21228
Coleman, J.J. *see* Kluender, J.F. 10854
Coleman, J.J. *see* Lammert, R.M. 16820
Coleman, J.J. *see* Lammert, R.M. 23973
Coleman, J.J. *see* Lammert, R.M. 55692
Coleman, J.J. *see* Li, X. 10808
Coleman, J.J. *see* Li, X. 52727
Coleman, J.J. *see* Osowski, M.L. 26870
Coleman, J.J. *see* Osowski, M.L. 44502
Coleman, J.J. *see* Panepucci, R. 22377
Coleman, J.J. *see* Roh, S.D. 33535
Coleman, P. *see* Parks, D. 19896
Coleman, P. *see* Thompson, J. 19894
Coleman, P.D. *see* Haworth, M.D. 12111
Coleman, P.D. *see* Luginsland, J.W. 12088
Coleman, P.D. *see* Luginsland, J.W. 53971
Coleman, P.G. *see* Anwand, W. 54274
Coleman, P.L., Melcher, P., Thompson, J. Optical spectroscopy of a plasma opening switch on Ace 4 19895
Coleman, R. *see* van Gysen, H. 48893
Coleman, R.E. *see* Huili Wang 28229
Coleman, R.E. *see* Jianying Li 7911
Coleman, R.E. *see* Tourassi, G.D. 59564
Coleman, R.E. *see* Turkington, T.G. 59501
Coleman, T. *see* Abboud, F. 22654
Coleman, T.F., Yuying Li A reflective Newton method for minimizing a quadratic function subject to bounds on some of the variables 10416
Coleridge, P.T., Sachrajda, A.S., Lafontaine, H., Feng, Y. Magnetotransport coefficients in a two-dimensional SiGe hole gas 22411
Coleridge, P.T. *see* Sachrajda, A.S. 32351
Coleridge, P.T. *see* Taylor, R.P. 42074
Coles, A.N. *see* Raddatz, L. 26747
Coles, C. *see* Fisk, P.T.H. 27366
Coles, C. *see* Fisk, P.T.H. 48292
Coles, G.A., McKay, S.L. Comparison of the N reactor and Ignalina Unit no. 2 level 1 probabilistic safety assessments 38481
Coles, G.S.V. *see* Mohamad, G.H.P. 48731
Coles, G.S.V. *see* Watson, J. 17586
Coles, J. *see* Mecrow, B.C. 9598
Coles, P.C. *see* Rodger, D. 44950
Colesanti, L. *see* Agnetta, G.A. 18096
Colestock, P.L., Spentzouris, L.K. Nonlinear wave phenomena and emittance growth in coasting beams 17904
Coletti, G., Bozzo, R. A contribution to the evaluation of electrohydrodynamic pumps for insulating oils 32716
Coletti, G. *see* Bozzo, R. 32688
Coletti, G. *see* Motori, A. 19347
Colgan, E.G., Gambino, J.P., Cunningham, B. Nickel silicide thermal stability on polycrystalline and single crystalline silicon 22434
Colgan, E.G. *see* Clevenger, L.A. 42748
Colgin, R.C. Computer simulation of a Bayesian CFAR, radar signal processor in a nonhomogeneous clutter background 48099
Coli, G. *see* Calcagnile, L. 24116
Coli', G. *see* Calcagnile, L. 42111
Coli, G. *see* Cingolani, R. 33547
Colin, S., Contesse, E., Le Boudec, P., Stephan, G., Sanchez, F. Evidence of a saturable-absorption effect in heavily erbium-doped fibers 33402
Colinge, J.-P. *see* Gentinne, B. 2674
Colinge, J.-P. *see* Jian Chen 43083
Colinge, J.-P. *see* Pavanello, M.A. 22829
Colinge, J.P. Dual-gate SOI MOSFETs: Physics and potential 42990
Colinge, J.P., Chen, J., Flandre, D., Raskin, J.P., Gillon, R., Vanhoenacker, D. A low-voltage, low-power microwave SOI MOSFET 21918
Colinge, J.P. *see* Francis, P. 2678
Colinge, J.P. *see* Raskin, J.P. 11745
Colinge, J.P. *see* Raskin, J.P. 42985
Colins, D.L., Le Goualher, G., Venugopal, R., Caramanos, A., Evans, A.C., Barillot, C. Cortical constraints for non-linear cortical registration 18218
Coll, B. *see* Caselles, V. 25658
Coll, B. *see* Caselles, V. 56943
Colla, E.L. *see* Kholkin, A.L. 54935
Colla, F., Buffarini, G.G. Increased breakdown voltage of oil impregnated direct current filter capacitor 29520
Colla, F. *see* Attias, R. 56802
Colla, F. *see* Cesari, S. 29519
Collander, P., Karlsson, M., Salo, J., Haavisto, P., Laine-Ylijoki, T. Mobile multimedia communication 16392
Collange, D. *see* Brown, P. 46790
Collard, D., Fukuta, Y., Akiyama, T., Chauvel, D., Fujita, H. Integrated motion system for self-alignment of micro-optical devices 13197
Collard, D. *see* Akiyama, T. 43385
Collard, D. *see* Chauvel, D. 14765
Collard, S.B. *see* Bruno, J.G. 38115
Collarin, P., Luchetta, A., Sonato, P., Toigo, V., Zaccaria, P., Zollino, G. The new baking system for the RFX vacuum vessel 29437
Colle, E. *see* Barat, C. 48923
Colle, E. *see* Barat, C. 56894
Colledani, C. *see* Bauer, C. 37326
Colledani, C. *see* Bauer, C. 37378
Colledani, F. *see* Bourles, H. 50773
Coller, J. *see* Abe, K. 37234
Coller, J.M.van *see* van Coller, J.M.
Collet, A. *see* Frijlink, P.M. 43133
Collet, C. *see* Schmitt, F. 27090
Collet, C. *see* Schmitt, F. 36272
Collet, J., Renault, I. Path probability evaluation with repeated rates 52348
Collet, J. *see* Bon, J.-L. 20988
Collet, J.H. *see* Buhleier, R. 33704
Collet, J.H. *see* Iehl, J.L. 33703
Collet, L. *see* Herve, T. 18522
Collett, J. *see* Tseng, Y.C. 22964
Collett, W.L., Bell, B.K., Mahajan, S.M., Munukutla, S.S. Use of hollow cathode glow discharge technique in correlating spectral intensities of coal and coal ash 50776
Colletti, P., Greenberg, H., Terk, M.R. MR findings in patients with acute tibial plateau fractures 18310
Colletti, P.M. Computer-assisted imaging of the fetus with magnetic resonance imaging 18314
Colletti, P.M., Terk, M.R., Chi-Shing Zee Magnetic resonance angiography in neck masses 18309
Colley, A.D. *see* Baker, H.T. 33367
Collier, B.R., Kim, H.S. Traffic rate and shape control with queue threshold congestion recognition 5741
Collier, D. *see* Aka, G. 14409
Collier, D. *see* Shnitkin, H. 16921
Collier, D.C., Greenspan, M. Addition of a polarimetric capability to a tactical multimode SAR system 16922
Collier, J., Hall, G., Haseroth, H., Kugler, H., Kuttenberger, A., Langbein, K., Scrivens, R., Sherwood, T., Tambini, J., Sharkov, B., Shumshurov, A., Masek, K. The CERN laser-ion source 18076
Collier, J. *see* Kondrashev, S.A. 28003
Collier, J. *see* Mroz, W. 59182
Collier, K., Hatfield, J., Howell, S., Larson, D. A multi-disciplinary model for teaching the engineering product realization process 20478
Collier, R.J. *see* Boese, I.M. 58974
Collier, R.J. *see* Young, P.R. 11670
Collignon, A. *see* Maes, F. 49546
Colligon, J.S. *see* Pringle, S.D. 10891
Collin, R.E. *see* Garcia-Valenzuela, A. 33972
Collingridge, D.R., Young, W.K., Vojnovic, B., Wardman, P., Lynch, E.M., Hill, S.A., Chaplin, D.J. Measurement of tumor oxygenation: a comparison between polarographic needle electrodes and a time-resolved luminescence-based optical sensor 49407
Collings, E.W., Sumption, M.D., Scanlan, R.M., Kim, S.W., Wake, M., Shintomi, T. Magnetic studies of AC loss in pressurized Rutherford cables with coated strands and resistive cores 43773
Collings, E.W. *see* Ionescu, M.H. 55084
Collings, E.W. *see* Scanlan, R.M. 13516
Collings, E.W. *see* Scanlan, R.M. 37053
Collings, E.W. *see* Sumption, M.D. 43869
Collings, E.W. *see* Sumption, M.D. 55076
Collings, I.B., Moore, J.B. On-line estimation and identification of HMMs with grouped state values 15266
Collings, I.B., Moore, J.B. Multiple-prediction-horizon recursive identification of hidden Markov models 25024
Collings, N. *see* Berger, C. 23611
Collings, N. *see* Duelli, M. 23468
Collings, N. *see* Yu, T.C.B. 23622
Collington, J.R., Dames, M.P., Crossland, W.A., Scarr, R.W.A. Optically accessed electronic memory 33156
Collington, J.R. *see* Dames, M.P. 26439
Collington, J.R. *see* Dames, M.P. 35888
Collington, J.R. *see* Mears, R.J. 3658
Collins, B.C., Stark, J.B., Tsuda, S., Knox, W.H., Cunningham, J.E., Jan, W.Y., Pathak, R., Bergman, K. Saturable Bragg reflector mode-locking of Cr^{4+}:YAG laser pumped by a diode-pumped Nd:YVO_4 laser 33447
Collins, B.L. *see* Sanders, P.A. 39416
Collins, C.B. *see* Borovina, D.L. 51403
Collins, C.B. *see* Davanloo, F. 51266
Collins, C.D., Bell, J.N.B. Experimental studies on the deposition to crops of radioactive gases released from gas-cooled reactors. II. Hydrogen sulphide-35 8516
Collins, C.E., Steenson, D.P., Chamberlain, J.M., Amone, D., See, P., Henini, M., Parkhurst, G.M., Digby, J.W., Miles, R.E., Kazemi, H., Pollard, R.D., Cronin, N., Davies, S., Karatzas, L., Bowen, J.W. How useful will the resonant tunnelling device really be for applications at terahertz frequency? 53635
Collins, D. *see* Arshak, K.I. 36463
Collins, D.A. *see* Alonzo, A.C. 42082
Collins, D.G. *see* Arshak, K.I. 11749
Collins, D.J. *see* Doyle, V.L. 59474
Collins, E. *see* Atwood, E. 52227
Collins, E.J. Finite-horizon variance penalised Markov decision processes 30449
Collins, G. *see* Zhaohui Wang 6133
Collins, G.E. Gas-phase chemical sensing using electrochemiluminescence 27738
Collins, G.E., Rose-Pehrsson, S.L. Chemiluminescent chemical sensors for inorganic and organic vapors 17585
Collins, H.D. *see* Sheen, D.M. 50248
Collins, J. *see* Douligeris, C. 50219
Collins, J. *see* Jones, C. 44307
Collins, J. *see* Tebeau, P. 50220
Collins, J. *see* Yamazaki, K. 20445
Collins, J.B. *see* Woodcock, C.E. 50030
Collins, J.G., Giardini, W.J., Leistner, A.J., Kenny, M.J. The influence of Young's modulus on roundness in silicon sphere fabrication 27382
Collins, J.V. *see* Robertson, M.J. 26907
Collins, M. *see* Barklie, R.C. 54365
Collins, M. *see* Sturgess, K. 8694
Collins, M.D. *see* Cederberg, R.J. 50084
Collins, M.J. *see* Yang, G. 8367
Collins, P. Experience with silicon detectors at the DELPHI experiment, LEP 37371
Collins, P.J. *see* Skinner, J.P. 45110
Collins, R. *see* Hongyue Liu 39147
Collins, R. *see* Lee, Y.-H. 39154
Collins, R.T. *see* Feng, L. 12249
Collins, R.T. *see* Pizlo, Z. 57142
Collins, R.W., Joohyun Koh, Yiwei Lu, Sangbo Kim, Burnham, J.S., Wronski, C.R. Characterization of amorphous silicon solar cell preparation processes by real time spectroscopic ellipsometry 39125
Collins, R.W. *see* Byungyou Hong 40606
Collins, R.W. *see* Joungchel Lee 860
Collins, R.W. *see* Joungchel Lee 40557
Collins, S. *see* Baxter, G. 27591
Collins, S. *see* Marshall, G.F. 31415
Collins, S.A., Jr. *see* Anderson, B.L. 45459
Collins, S.D. *see* Gonzalez, C. 58374
Collins, S.F. *see* Maurice, E. 58799
Collins, S.F. *see* Petreski, B.P. 23783
Collins, S.M. *see* Sonka, M. 28218
Collins, S.M. *see* Zhang, X. 49525
Collins, T. *see* Angstadt, R. 59309
Collins, T. *see* Arai, Y. 37267
Collins, T. *see* Arai, Y. 37268
Collins, T. *see* DeWitt, J. 59243
Collins, T. *see* Sadrozinski, H.F.W. 37399
Collins, W.E. *see* Henderson, D.O. 42126
Collinson, A. *see* McDonald, S.P. 19753
Collis, B. *see* Eekma, A. 47186
Collis, W.B. *see* White, P.R. 37765
Collis, W.B. *see* White, P.R. 49533
Collomb, C., Bidan, P., Valentin, M. Series resonant converter: general design of an IP regulator with state feedback switching 51161
Colmenarez, A., Lopez, R., Huang, T.S. 3D model-based head tracking 56639
Colnet, B., Di Martino, J.-C. Source localisation with recurrent neural networks 25198
Colnet, B., Durand, S. Application of temporal neural networks to source localisation 25186
Colocci, M. *see* Brusaferri, L. 12378
Colocho, W. *see* Alley, R. 37033
Colocho, W. *see* Ross, M.C. 37150
Colomb, F., Hur, K., Stacey, W., Grigas, M. Annular slot antennas on extended hemispherical dielectric lenses 34350
Colombeau, B. *see* Menard, S. 33603
Colombel, N. *see* Buhler, S. 49018
Colombi, J.M., Ruck, D.W., Rogers, S.K., Oxley, M., Anderson, T.R. Cohort selection and word grammar effects for speaker recognition 15129
Colombo, B., Murset, P. Safety concept in a medium-sized Swiss electric power company 8796
Colombo, G. *see* Berruto, E. 16560
Colombo, L. *see* Chen, M.C. 3593
Colombo, L. *see* Meyer, J.R. 7562
Colombo, R., Mazzuero, G., Lanfranchi, P., Spinatonda, G., Minuco, G., Giannuzzi, P. Do alpha-index and phenylephrine test provide similar measurements of baroreflex sensitivity in cardiac patients with chronic heart failure? 37593
Colon, R. *see* Torres, F. 11199
Colonell, J.I. *see* Liu, C.T. 2641
Colonna, F. *see* Baraldi, A. 12273
Colonna, N., Celano, L., D'Erasmo, G., Fiore, E.M., Fiore, L., Paticchio, V., Tagliente, G., Antuofermo, G., Iacobelli, G., Sacchetti, M., Vasta, P., Pantaleo, A. A modular array for neutron spectroscopy in low- and intermediate-energy heavy-ion reactions 37521
Colonna de Lega, X., Jacquot, P. Interferometric deformation measurement using object induced dynamic phase-shifting 7654
Colonnese, S. *see* Neri, A. 56854
Colonnese, S. *see* Russo, G. 15646
Colosi, T. *see* Chindris, M. 29875
Colosimo, E.A. *see* Barbosa, E.P. 30391
Colozza, A.J. *see* Reinhardt, K.C. 18704
Colpaert, C. *see* De Ley, E. 43583
Colpitts, B.G. Optical versus radar roughness in agricultural tillage 8557
Colpitts, T. *see* Venkatasubramanian, R. 32045
Colpitts, T. *see* Venkatasubramanian, R. 52672
Colquhoun, A., Meinel, H. Automotive applications of GaAs components 61298
Colsher, R.J. *see* Mukherji, A. 38611

Colsman, G. *see* Hohlein, B. 20179
Colson, H.G. *see* Edirisinghe, S.P. 10716
Colson, H.G. *see* Kidd, P. 30786
Colstoun, E.C.Brown de *see* Brown de Colstoun, E.C.
Colt, J.Z. *see* Bunkofske, R.J. 32519
Coltelli, M. *see* Papathanassiou, K. 16960
Colter, P. *see* Karimy, H. 10889
Colter, P. *see* Namavar, F. 40417
Colter, P. *see* Wojtczuk, S. 37973
Colter, P. *see* Wojtczuk, S. 39225
Colton, D., Cole, R., Novick, D.G., Sutton, S. A laboratory course for designing and testing spoken dialogue systems 9925
Colton, D., Monk, P., Kress, R. A new algorithm in electromagnetic inverse scattering theory with an application to medical imaging 56004
Coltuc, D. Optimal algorithms for max/min filtering 4785
Colucci, V. *see* Hynynen, K. 8102
Columbano, T. *see* Huish, P. 26389
Coluzza, C., Almeida, J., Dell'Orto, T., Barbo, F., Bertolo, M., Bianco, A., Cerasari, S., Fontana, S., Bergossi, O., Spajer, M., Courjon, D. Spatially resolved internal and external photoemission of Pt/n-GaP Schottky barrier 2242
Coluzza, C., Almeida, J., dell'Orto, T., Bergossi, O., Spajer, M., Davy, S., Courjon, D., Cricenti, A., Generosi, R., Perfetti, P., Faini, G. Spatially resolved study of Schottky barriers 12518
Coluzza, C. *see* Almeida, J. 32050
Colville, F.G., Dunn, M.H., Ebrahimzadeh, M. Continuous-wave, singly resonant, intracavity parametric oscillator 2425i
Colvin, A.E., Jr., Phillips, T.E., Miragliotta, J.A., Givens, R.B., Bargeron, C.B. A novel solid-state oxygen sensor 36776
Colvin, M. *see* Harris, J.G. 20685
Colwell, D.H. *see* Hong, H.W. 50673
Colwell, G.T. *see* Zimmerman, E.B. 35870
Colyer, B., Simkin, J., Trowbridge, C.W., Barberis, U., Picco, E., Gutierrez, T., Longo, A., Greenough, C., Thomas, D., Alotto, P., Molfino, P., Molinari, G., Jared, G., Sormaz, N. Project MIDAS: Magnet Integrated Design and Analysis System 44984
Colyer, R.E., Jones, B.L., Ransom, C.J. Battery-powered microlite aircraft 18736
Colzi, E. *see* Elia, C. 17023
Comaniciu, D. Training set synthesis for entropy-constrained transform vector quantization 25380
Comastri, S.A., Simon, J.M., Fucci, F. Joint transform correlator: aberrations in the joint spectrum and their influence on the correlation peak 56917
Combacau, M. *see* Zamai, E. 48366
Combes, M. *see* Cesarsky, C.J. 36548
Combes, P. *see* Renard, B. 47267
Combes, P.F. *see* Rouviere, J.F. 45002
Combet, M. *see* Ball, J. 18071
Combettes, P.L. Convex set theoretic image recovery by extrapolated iterations of parallel subgradient projections 46250
Combettes, P.L. Generalized convex set theoretic image recovery 57270
Combettes, P.L. Bounded-error models in inverse problems 57328
Combettes, P.L., Pesquet, J.-C. Convex multiresolution analysis 34949
Combettes, P.L. *see* Puh, H. 25355
Combi, C. *see* Bozzola, P. 37787
Combi, C. *see* Portoni, I. 37845
Combo, A.M.C.F. *see* Loureiro, C.F.M. 58656
Combridge, B.L., Cornfield, P.S., Naunton, S. Reconfigurable DSP demonstrators for the development of spacecraft payload processors 11510
Combs, D. Hybrid fiber-coax network architecture 17077
Combs, H.G., Beha, T. Storage and reproduction of digital MJPEG and MPEG-2 videos: the "AlphaStudio" of Digital Equipment 36347
Combs, W.E. *see* Pease, R.L. 43254
Combs, W.E. *see* Witczak, S.C. 22792
Comelli, G. *see* Timbrell, P.Y. 40686
Comer, D.T. A wideband integrated circuit amplifier for fixed-gain application 31123
Comer, J. *see* Hatfield, J.V. 18132
Comeron, A. *see* Belmonte, A. 6803
Comeron, A. *see* Belmonte, A.M. 6864
Comeron, A. *see* Sillars, D.B. 31463
Comes, F.J. *see* Lenski, M. 30947
Comford, S.L., Man, K.F. Risk/requirements trade-off guidelines for low cost satellite systems 37944
Comi, G. *see* Liberati, D. 49718
Cominetti, M., Morello, A. Digital television broadcasting (DVB) via terrestrial and satellite channels 7041
Comiskey, B.O. *see* Smith, J.R. 25671
Comiso, J.C. *see* Tjuatja, S. 18880
Comizzoli, R.B., Crane, G.R., Fiorino, M.E., Frankenthal, R.P., Krautter, H.W., Peins, G.A., Siconolfi, D.J., Sinclair, J.D. Materials reliability issues with coaxial cable systems for the information superhighway 58090
Comizzoli, R.B. *see* Osenbach, J.W. 55721
Commandre, M. *see* Escoubas, L. 3556
Commare, D.L., Thomas, R.E. Ultraboard™: a case study surrounding the development of an automated C-mode scanning acoustic microscope (C-SAM) for detecting surface mounted component flaws 39915
Commichau, V. *see* Brock, I.C. 37039
Commisso, B. *see* Kortbawi, D. 19892
Comninellis, C. *see* De Battisti, A. 9494
Comninellis, C. *see* Schlatter, C. 9490
Comon, P., Mourrain, B. Decomposition of quantics in sums of powers of linear forms 4769
Compaan, A.D., Matulionis, I., Miller, M.J., Jayamaha, U.N. Optimization of laser scribing for thin-film photovoltaics 39058
Compaan, A.D. *see* Fischer, A. 39103
Compaan, A.D. *see* Granata, J.E. 39078
Compaan, A.D. *see* Levi, D.H. 39101
Compaan, A.D. *see* Shao, M. 9554
Compaan, A.D. *see* Shao, M. 39090
Compain, V. *see* Tribolet, P. 27676
Compaine, B.M., Weinraub, M.J. Universal access to online services: an examination of the issue 46857
Company, A. *see* Deroin, J.-P. 28602
Comparetto, G., Ramirez, R. Trends in mobile satellite technology 36049
Comperini, R.G., Scardello, M.A. Implementing an open setup environment across multiple vendor products using TMATS 6039
Compernolle, D.Van *see* Van Compernolle, D.
Composano, R. *see* Wilberg, J. 15503
Compton, R.C. *see* Davidson, A.C. 58752
Compton, R.C. *see* Kolias, N.J. 47678
Comstock, D.A., Christensen, C.B. Integrated modeling of space solar power systems 18673
Comtois, J.H. *see* Bright, V.M. 43358
Comtois, J.H. *see* Reid, J.R. 44151
Comtois, J.H. *see* Roggeman, M.C. 54853
Comunian, M. *see* Lombardi, A. 37117
Conaghan, B.F., Dietz, K.H. The history of permanent photoimageable materials in electronic packaging 52253
Conan, J. On the enumeration and generation of nonweight equivalent rate ½ convolutional codes 45553
Conard, G. *see* Potier, N. 39764
Conard, G. *see* Verbockhaven, D. 11881
Conard, G. *see* Verbockhaven, D. 22071
Conaway, J.G. *see* Koster, J.E. 49336
Conceicao, P. *see* Caseiro, T.A. 30055
Concetto, M.Di *see* Di Concetto, M.
Conciauro, G. *see* Arcioni, P. 11654
Conde, A. *see* Franco, V. 7189
Conde, C.A.N. *see* Borges, F.I.G.M. 55402
Conde, C.A.N. *see* Veloso, J.F.C.A. 59220
Conde, I.M. *see* Bandera, C. 57203
Conde, I.M. *see* Vico, F.J. 57204
Conde, J.P., Schotten, V., Arekat, S., Brogueira, P., Sousa, R., Chu, V. Amorphous and microcrystalline silicon deposited by low-power electron-cyclotron resonance plasma-enhanced chemical-vapor deposition 30902
Conde, L., Leon, L., Ibanez, L.F. Electron transport properties of stationary plasma clouds generated with hollow cathode discharges 23211
Conde, M. *see* Gai, W. 37013
Conde, M.Fuentes *see* Fuentes Conde, M.
Conde, P.M.Gutierrez *see* Gutierrez Conde, P.M.
Conde, P.M.Guttierez *see* Guttierez Conde, P.M.
Condette, C. *see* Guilbert, F. 52374
Condiff, L.R. *see* Pruchnic, S.J., Jr. 17536
Condom, M. *see* Tillerot, F. 16760
Condon, M., Wilcox, D.J. Capacitance calculations in transformer windings 19831
Condon, M. *see* Wilcox, D.J. 19817
Condra, L. *see* McCluskey, F.P. 318
Condra, L. *see* McCluskey, P. 52257
Condrate, R.A., Sr. *see* Lee, D.H. 40538
Cone, D. *see* Panasik, C. 47606
Cone, M.L., Musick, S. Scheduling for sensor management using genetic search 8704
Cone, R.L. *see* Equall, R. 14410
Cone, S.M. *see* Martin, E.J. 18652
Conell, R.A. *see* Nazri, G.A. 29559
Conerty, M. *see* Beckstead, J.A. 58579
Coney, R.G. *see* Koch, R.G. 19213
Conforti, D., Menniti, D., Sorrentino, N., Verde, P., Testa, A. Optimal load-flow with N-1 steady-state security via high performance computing 8763
Cong, H.Nguyen *see* Nguyen Cong, H.
Cong, J. Modeling and layout optimization of VLSI devices and interconnects in deep submicron design 43248
Cong, J., Lei He, Cheng-Kok Koh, Madden, P.H. Performance optimization of VLSI interconnect layout 43171
Cong, J., Wu, C. An improved algorithm for performance optimal technology mapping with retiming in LUT-based FPGA design 1254
Cong, J. *see* Okamoto, T. 11086
Cong, J. *see* Tsu-Chang Lee 43172
Cong, L. *see* Fung, A.K. 32438
Cong Ge *see* Ge Cong
Cong Jason *see* Jason Cong
Cong Li *see* Jiayin Qin 13948
Cong Li *see* Xizhang Luo 44349
Cong Li *see* Li Cong
Cong Ling *see* Ling Cong
Cong Pu *see* Qinbai Fan 19978
Cong Pu *see* Qinbai Fan 20020
Cong Tran Tho *see* Tho Cong Tran
Cong-Kha Pham, Korehisa, M., Tanaka, M. Chaotic behavior and synchronization phenomena in a novel chaotic transistors circuit 11566
Cong-Kha Pham, Tanaka, M. Bifurcational communication with novel chaotic transistors circuits 5696
Congcong Shen *see* Haiming Shao 17176
Congfangg Wang *see* Wang Congfangg
Congshan Zhu *see* Baolong Yu 44740
Congwu Cui *see* Cui Congwu
Congxin Ren *see* Jianzhong Zhu 39360
Congxin Wu *see* Wu Congxin
Congxiu Wang *see* Wang Congxiu
Congxuan Yu *see* Yu Congxuan
Conin-Golomb, M. *see* Wang, G.Y. 55576
Coninckx, F., Janett, A., Kojima, T., Onori, S., Pantaloni, M., Schonbacher, H., Tavlet, M., Wieser, A. Responses of alanine dosimeters to irradiations at cryogenic temperatures 28477
Coninckx, F. *see* Zeneli, D. 28478
Conjar, J. The integral technically technological solution CAT IIIB at Zagreb Airport, as development shift of transport systems 28580
Conkle, J.R., Adamy, D. UAV-borne tactical communications exploitation in tomorrow's regional conflicts 60157
Conklin, B.P. *see* McGarry, J.F. 36265
Conklin, T., Barker, K. Understanding the nature of beam vibrations in space through the Flexbeam experiment, G-342 49901
Conkling, C. *see* Antes, T. 47736
Conley, J.F., Jr. Application of electron spin resonance as a tool for building in reliability (BIR) 43335
Conley, J.F., Jr., Lenahan, P.M., Wallace, B.D. Electron spin resonance characterization of trapping centers in Unibond buried oxides 22474
Conley, J.R., Jr., Lenhan, P.M., Wallace, B.D. Electron spin resonance characterization of Unibond(R) material 22461
Conley, W. *see* Farrell, T. 2500
Conley, W. *see* Lindsay, T. 42820
Conn, A.R., Coulman, P.K., Haring, R.A., Morrill, G.L., Visweswariah, C. Optimization of custom MOS circuits by transistor sizing 11091
Conn, A.R., Gould, N., Sartenaer, A., Toint, P.L. Convergence properties of minimization algorithms for convex constraints using a structured trust region 10417
Conn, A.R., Gould, N., Toint, P.L. On the number of inner iterations per outer iteration of a globally convergent algorithm for optimization with general nonlinear inequality constraints and simple bounds 30536
Conn, A.R., Gould, N., Toint, P.L. A globally convergent Lagrangian barrier algorithm for optimization with general inequality constraints and simple bounds 40124
Connally, L.O. *see* Au, D.T.W. 1810
Connaughton, I. *see* Friedman, D.J. 38982
Connell, J.H. *see* Bolle, R.M. 25479
Connell, L.W., Sexton, F.W., McDaniel, P.J., Prinja, A.K. Modeling the heavy ion cross-section for single event upset with track structure effects: the HIC-UP-TS model 22946
Connell, S.H. *see* Smallman, C.G. 12649
Connelly, J.A. *see* Petrie, C.S. 1187
Connelly, W.F. *see* Harriott, L.R. 22700
Connelly, W.F. *see* Harriott, L.R. 42874
Conner, D. In-system programmable logic simplifies prototyping to production 31181
Conner, T. *see* Wedge, G. 48362
Conner, W.L. Post separation or cross-sectioning problem? [PCB test] 1787
Conners, A. *see* Brawn, I. 59325
Conners, D. *see* Winn, R. 1839
Conners, D.N. *see* Levine, E.R. 50148
Conners, R.W. *see* King, W.E. 25484
Connolly, J. *see* Alexeev, G. 59200
Connolly, J. *see* LaComb, R. 33508
Connolly, J.C. *see* Alphonse, G.A. 3635
Connolly, J.C. *see* Garbuzov, D.Z. 3847
Connolly, J.C. *see* Mawst, L.J. 44565
Connolly, J.L. Operation chain link: the deployment of a firewall at Hanscom Air Force Base 26110
Connolly, K.M. *see* Ferry, D.K. 2557
Connolly, P. *see* Lazzaro, G. 37596
Connolly, S. *see* Peskin, B. 14921
Connolly, S.M., Farrant, D.R., Franklin, S.J., Thomas, G.M., Worrall, A. Sizewell 'B' fuel management strategy–looking to the future 9037
Connor, B. *see* Gamble, B. 60438
Connor, B.J. *see* Hartmann, G.K. 8419
Connor, D. *see* Leembruggen, G. 7110
Connor, D.F. *see* Atmur, R. 37518
Connor, T. *see* Junker, M. 8867
Connors, P. *see* Patel, D. 23956
Conolly, S. *see* Morgan, P. 7984
Conover, D.L. *see* Gandhi, O.P. 49824
Conrad, C.W. *see* Gill, D.M. 3413
Conrad, D. *see* Scheerschmidt, K. 12611
Conrad, E. *see* Muller, P. 39032
Conrad, H. *see* Guo, Z. 30962
Conrad, H. *see* Wu, C.W. 986
Conrad, H. *see* Wu, C.W. 989
Conrad, K.A., Sampson, R.K., Massoud, H.Z., Irene, E.A. Design and construction of a rapid thermal processing system for *in situ* optical measurements 2343

Conrad, L.E. *see* Bollen, M.H.J. 38204
Conrad, M. *see* Zauner, K.-P. 12005
Conrad, S., Mullins, D.R., Xin, Q.-S., Zhu, X.-Y. Thermal and photochemical deposition of sulfur on GaAs(100) 10877
Conrad, U. *see* Hohlfeld, J. 14255
Conradi, A. *see* Kautek, W. 905
Conradi, J. Bi-directional transmission with erbium-doped fiber amplifiers 55541
Conradi, J. *see* Chan, B. 55515
Conradi, J. *see* Delisle, C. 55537
Conradi, J. *see* Hayward, G. 16516
Conradi, J. *see* Lai, S. 26787
Conradi, J. *see* Ping Wan 16799
Conradi, J. *see* Walklin, S. 16798
Conradi, J. *see* Young, T. 6726
Conradie, G. *see* Van Zyl, R.R. 12863
Conrado, L.F.M., Podcameni, A., Carvalho, M.C.R., Mosso, M.M. Maximizing channel capacity and covered distance for optical analog TV systems with the use of the SCM AM-VSB format 47967
Conraux, P. *see* Petin, P. 44865
Conrod, J., Nargi-Toth, K. Photodefinable dielectric materials for high density printed wiring board applications 1802
Conroy, B.P., Sumner, M., Alexander, T. Application of encoderless vector control techniques in a medium performance induction motor drive 61143
Conroy, E., Hagan, B., Cameron, M. Advances in anode monitoring [chemical plant power systems] 51901
Conroy, M. *see* Zipp, J. 28937
Conroy, R.S., Kemp, A., Matthews, D.G., Sinclair, B.D. Gain-guiding and thermal distortion in diode-pumped Nd:YVO_4 microchip lasers 3799
Conroy, R.S. *see* Matthews, D.G. 3798
Conscience, M. *see* Tondu, B. 49799
Consolazio, S. *see* Mondal, J. 41492
Consoli, A., Musumeci, S., Oriti, G., Testa, A. An innovative EMI reduction design technique in power converters 1140
Consoli, A., Oriti, G., Testa, A., Julian, A.L. Induction motor modeling for common mode and differential mode emission evaluation 29740
Consoli, A. *see* Caruso, L. 29720
Consonni, G. *see* Corsini, R. 14025
Constable, J.H. *see* Kapur, K.N. 30322
Constable, J.H. *see* Prasanna, R. 30274
Constable, J.H. *see* Zheng, D. 205
Constable, R.T. *see* Robson, M.D. 7985
Constancias, C. *see* Baptist, R. 53937
Constant, T. *see* Ruth, R.D. 49165
Constantikes, K.T., Osmanagich, S. Seascape: ray-tracing synthetic marine clutter in the midwave infrared 28532
Constantikes, K.T., Thomas, M.E., Claussen, E.D. Diurnal variation of desert midwave infrared images 38120
Constantin, I., Ciochina, S., Marghescu, I., Ion, F. A simplified sounding equipment for wideband mobile radio channels 26581
Constantin, I. *see* Jones, S.M.R. 35988
Constantin, I. *see* Negrescu, C. 26469
Constantine, C., Johnson, D., Barratt, C., Shul, R.J., McClellan, G.B., Briggs, R.D., Rieger, D.J., Karlicek, R.F., Jr., Lee, J.W., Pearton, S.J. Parametric study of compound semiconductor etching utilizing inductively coupled plasma source 22593
Constantine, C. *see* Hong, J. 12762
Constantine, C. *see* Pearton, S.J. 12780
Constantine, C. *see* Pearton, S.J. 32221
Constantine, J.M., Jr. Designing head-mounted displays for virtual reality 7495
Constantinescu, A. *see* Bornet, O. 46966
Constantinescu, A. *see* Li, J. 59739
Constantinescu, D. *see* Nikorich, A. 54129
Constantinescu, G. *see* Mares, G. 13269
Constantinescu, T., Sayed, A.H., Kailath, T. Displacement structure and maximum entropy 56236
Constantini, J.M. *see* Trotel, A. 43872
Constantinides, A.G. *see* Baykal, B. 34781
Constantinides, A.G. *see* Kwok, S.H. 25644
Constantinides, A.G. *see* Pazaitis, D.I. 4677
Constantinides, A.G. *see* Pazaitis, D.I. 15413
Constantinides, A.G. *see* Rebollo Neira, L. 56442
Constantinides, A.G. *see* Stathaki, T. 15196
Constantinides, A.G. *see* Tanrikulu, O. 15414
Constantinides, A.G. *see* Tanrikulu, O. 45936
Constantinidis, T.S. *see* Voulgaris, A.N. 28307
Constantinou, C.C. *see* Ong, L.C. 45137
Constantinou, J.E. *see* Helmers, S.L. 37802
Constantinou, J.E. *see* Helmers, S.L. 59639
Constantinou, N.C. *see* Zakhleniuk, N.A. 32014
Constantinou, P. *see* Aggelopoulos, E.G. 36502
Constantinou, P. *see* Kanatas, A.G. 34073
Constantinou, P. *see* Papadakis, N. 26623
Constantinou, P.P. *see* Paliatsos, A. 26620
Contarino, V.M. *see* Mullen, L. 6968
Contarino, V.M. *see* Mullen, L.J. 27086
Contarino, V.M. *see* Vieira, A.J.C. 13704
Contarino, V.M. *see* Yang, G. 55373
Contarion, V.M. *see* Yang, C. 3573
Contaxis, G.C., Kabouris, J., Zouros, N., Manos, G. Analysis of wind power injection into power systems with large wind power penetration 19642
Contaxis, G.C., Perrakis, K., Kabouris, J., Korres, G., Vassos, S. The effect of environmental emissions on electricity interchanges between interconnected systems 8765
Contaxis, G.C. *see* Manos, G.A. 19068
Conte, E., Di Bisceglie, M., Lops, M. Clutter-map CFAR detection for range-spread targets in non-Gaussian clutter. II. Performance assessment 58419
Conte, E., Lops, M. Clutter-map CFAR detection for range-spread targets in non-Gaussian clutter. I. System design 58418
Conte, G., Zanoli, S., Perdon, A.M., Tascini, G., Zingaretti, P. Automatic analysis of visual data in submarine pipeline inspection 46279
Conte, G. *see* Broggi, A. 46381
Conte, G. *see* Tascini, G. 20970
Conte, J.E., Groves, G.W., Blair, W.D. Low elevation monopulse radar and tracking simulator (LEMRATS) 38178
Conte, J.E. *see* Helmick, R.E. 45714
Conte, J.E. *see* Rice, T.R. 38180
Conte, M., Jagannathan, R., Khan, S.A., Pusterla, M. Beam optics of the Dirac particle with anomalous magnetic moment 18056
Conte, R.V. Reducing annual energy consumption by proper selection of HVAC equipment 29880
Conte, T. *see* Franzon, P.D. 11498
Conte, T. *see* Franzon, P.D. 41220
Contesse, E. *see* Colin, S. 33402
Conti, A. *see* Voegelin, M.R. 7966
Conti, C., Trillo, S., Assanto, G. Bloch function approach for parametric gap solitons 55852
Conti, C. *see* De Rossi, A. 43994
Conti, E., Carugno, G., Intravaia, A. Time behaviour of the scintillation light in mixtures of liquid argon and xenon 37364
Conti, F. *see* Castellini, G. 26613
Conti, G., Parasiliti, F., Villani, M. Torque ripple analysis in synchronous reluctance motors 50960
Conti, L. *see* Cantatore, G. 27512
Conti, M. Analog CMOS implementation of approximate identity neural networks 41371
Conti, M., Ghezzi, S., Marcacci, E. Design and analysis of MetaRing: An efficient protocol for supporting real-time distributed systems 25913
Conti, M., Guaitini, G., Turchetti, C. An analog CMOS neural network with on-chip learning and multilevel weight storage 11632
Conti, M., Orcioni, S., Turchetti, C., Soncini, G., Zorzi, N. Analytical device modeling for MOS analog IC's based on regularization and Bayesian estimation 2840
Conti, M. *see* Bertolucci, E. 37628
Conti, M. *see* Chimienti, A. 15644
Contiero, C., Galbiati, P., Palmieri, M., Vecchi, L. Characteristics and applications of a 0.6 μm bipolar-CMOS-DMOS technology combining VLSI non-volatile memories 43346
Contiero, C. *see* Pieracci, A. 43027
Contin, A., Fenu, G.F., Parisini, T. Diagnosis of HV stator bars insulation in the presence of multi partial-discharge phenomena 38678
Contin, A., Gulski, E., Cacciari, M., Montanari, G.C. A Weibull approach to the investigation of partial discharges in aged insulation systems 8943
Contin, A. *see* Bozzo, R. 43528
Contin, A. *see* Cacciari, M. 32693
Contini, S., de Cola, G. A top down approach to fault tree analysis using binary decision diagrams 20989
Conton, R. *see* Bolognani, S. 9381
Contran, T. *see* Dainelli, A. 49138
Contreras, A., Yigit, K.S., Veziroglu, T.N. Spanish energy planning towards a sustainable future 50692
Contreras, M. *see* Niles, D.W. 39073
Contreras, M.A., Wiesner, H., Niles, D., Ramanathan, K., Matson, R., Tuttle, J., Keane, J., Noufi, R. Defect chalcopyrite $Cu(In_{1-x}Ga_x)_2Se_5$ materials and high Ga-content $Cu(In,Ga)Se_2$-based solar cells 39067
Contreras, M.A. *see* Ramanathan, K. 39074
Contreras, M.A. *see* Tuttle, J.R. 39065
Contreras, S. *see* Dezauzier, C. 10706
Contreras, S. *see* Dmowski, L.H. 22348
Contreras, S. *see* Knap, W. 22347
Contreras, S. *see* Knap, W. 54169
Contreras, S. *see* Malzac, J.P. 10712
Contreras-Puenta, G. *see* Fischer, A. 39103
Contreras-Puente, G. *see* Granata, J.E. 39078
Contreras-Puente, G. *see* Shao, M. 9554
Contri, R. *see* Paolucci, P. 37242
Contu, S., Fanni, A., Marchesi, M., Montisci, A., Serri, A. Wavelet analysis for diagnostic problems 1046
Conturo, T.E. *see* Akbudak, E. 28167
Contzen, J., Heppke, G., Kitzerow, H.S., Krueerke, D., Schmid, H. Storage of laser-induced holographic gratings in discotic liquid crystals 24303
Converse, A.K. Refractive spectrum splitting optics for use with photovoltaic cells 39175
Convertino, A.L. *see* Cingolani, R. 33547
Convertino, G. *see* Branca, A. 15877
Convery, D. *see* Webb, S. 49781
Conway, A., Montgomery, P., Rock, S., Cannon, R., Parkinson, B. A new motion-based algorithm for GPS attitude integer resolution 18748
Conway, A. *see* Woodley, B. 58502
Conway, B.A. *see* Halliday, D.M. 49630
Conway, G.D., Schott, L., Hirose, A. Comparison of reflectometer fluctuation measurements from experiment and two-dimensional numerical simulation 7547
Conway, J. *see* Antos, J. 37373
Conway, J. *see* Bauer, C. 37326
Conway, J. *see* Bauer, C. 37378
Conway, M. *see* Wohlgemuth, J.H. 39157
Conway, M. *see* Xu, W. 49381
Conway, P.P., Kalantary, M.R., Williams, D.J. Experimental investigation of the formation of surface mount solder joints 22069
Conway, P.P., Kalantary, M.R., Williams, D.J. Experimental investigation of the formation of surface mount solder joints 31607
Conway, P.P. *see* Sarvar, F. 1783
Conway, P.P. *see* Whalley, D.C. 11875
Conway, P.P. *see* Whalley, D.C. 31606
Conway, T., Nelson, J. Matched spectral null coding for magnetic recording with a 1+D channel 32863
Conwell, E.M., Wu, M.W. Contact injection into polymer light-emitting diodes 44290
Conwell, E.M. *see* Wu, M.W. 54127
Conwit, R.A. *see* Van Gils, M.J. 59717
Coogan, P.C. *see* Rae Duk Lee 27270
Cook, A. *see* Abboud, F. 22654
Cook, A.L. *see* Seungug Koh 22104
Cook, B. *see* Capparelli, C. 8721
Cook, B. *see* Piepke, A. 37461
Cook, B.A., Harringa, J.L., Loughin, S. Fullerite additions as a phonon scattering mechanism in p-type Si–20 at.% Ge 31894
Cook, B.A., Harringa, J.L., Tan, Z.S., Jesser, W.A. TiNiSn: a gateway to the (1,1,1) intermetallic compounds 31917
Cook, B.A. *see* Harringa, J.L. 30708
Cook, B.D. *see* Lee, S.-Y. 42877
Cook, C.C. *see* Le, H.Q. 14089
Cook, C.S. *see* Anand, A.K. 29117
Cook, D. Better engineering education with less financial support: a look into the future 20677
Cook, E.I. *see* Burriesci, L.G. 28545
Cook, F.A., Vasudevan, K. Georadar anisotropy in the Gotthard gneiss, Switzerland 50009
Cook, F.A. *see* Vasudevan, K. 56464
Cook, F.L. *see* Carr, W.W. 33846
Cook, F.P. Incorporation of micromachined sensor technology for increased accuracy at reduced cost 17267
Cook, G. *see* Wagner, P. 50779
Cook, G.D., Christie, J.D., Clarkson, P.R., Hochberg, M.M., Logan, B.T., Robinson, A.J., Seymour, C.W. Real-time recognition of broadcast radio speech 15143
Cook, G.E., Maxwell, J.E., Barnett, R.J., Strauss, A.M. Statistical process control application to weld process 52296
Cook, G.E. *see* Andersen, K. 61367
Cook, G.G., Khamas, S.K., Edwards, R.M. Screened printed monopole spiral antenna for mobile handsets 47836
Cook, J., Frazier, B., Warrington, R., Coane, P. Packaging issues in the miniaturization technologies 32577
Cook, J.M. *see* Gottscho, R.A. 43184
Cook, J.W., Jr. *see* Hughes, W.C. 12784
Cook, J.W., Jr. *see* Johnson, M.A.L. 30834
Cook, L.M. *see* Sethuraman, A.R. 2409
Cook, M.A. Where are the customers?–marketing GIS 16619
Cook, M.J. *see* Barker, P.S. 27743
Cook, N. *see* Hinchliffe, M. 35601
Cook, N.J. *see* Vallmitjana, S. 4128
Cook, P.M.A., Raimondi, R., Lambert, C.J. Phase-coherent transport in hybrid superconducting structures: The case of d-wave superconductors 3288
Cook, R., McConnell, I., Stewart, D., Oliver, C. Segmentation and simulated annealing 48109
Cook, R.J. *see* Liang, W. 56143
Cook, S.C. *see* Samaan, M.M. 8239
Cook, S.W., Jr. *see* George, A.D. 25007
Cook, T.A. *see* Louca, L. 21576
Cook, T.A. *see* Tangtrakul, A. 40996
Cook, W.R. *see* Schindler, S.M. 37451
Cooke, B.J., Laubscher, B.E., Borel, C.C., Lomheim, T.S., Klein, C.F. Methodology for rapid infrared multi-spectral, electro-optical imaging system performance analysis and synthesis 17527
Cooke, C.D. *see* Faber, T.L. 37738
Cooke, D. *see* Naito, H. 61101
Cooke, D.L., Pakula, W., Davis, V.A., Mandell, M.J., Tautz, M., Enloe, C.L. Measurement and simulation of high voltage-wake interactions 8223
Cooke, D.L. *see* Chaplin, C.P. 8459
Cooke, D.L. *see* Enloe, C.L. 44912
Cooke, D.W., Bennett, B.L., Farnum, E.H. Optical absorption of neutron-irradiated silica fibers 13612
Cooke, P. Analysis of a voltage controlled frequency foldback technique that improves short circuit protection for buck derived converters 51318
Cooke, P. *see* Weimin Zhou 12408
Cooke, R., Paulsen, J. Concepts for measuring maintenance performance and methods for analysing competing failure modes 39685
Cooke, S.J., Cross, A.W., He, W., Phelps, A.D.R. Experimental operation of a cyclotron autoresonance maser oscillator at the second harmonic 13907
Cooklev, T. Construction and properties of 1-D and N-D biorthogonal filter banks and wavelets 45967
Cooklev, T. Complex-coefficient orthogonal filter banks and symmetric wavelets and wavelet packets with communications applications 46679

Cooklev, T., Nishihara, A., Kato, M., Sablatash, M. Two-channel multifilter banks and multiwavelets 25017
Cooklev, T., Sablatash, M. Filter banks over finite fields 45975
Cooklev, T.V., Androutsos, D., Venetsanopoulos, A.N. Multichannel filter banks and multiwavelet bases: theory and applications 56715
Cookson, D. *see* Nukulin, A.Yu. 41826
Cookson, J. *see* McLaughlin, T. 15018
Cookson, M. *see* Feleppa, E.J. 18353
Cooley, L.D., Jablonski, P.D., Heussner, R.W., Larbalestier, D.C. Nb-Ti composite wires with artificial ferromagnetic pins 55091
Cooley, W.L. *see* Clark, S.L. 38217
Cools, R., Sloan, I.H. Minimal cubature formulae of trigonometric degree 10431
Coolsaet, K. *see* Batten, L.M. 52461
Coomans, I. *see* Segers, P. 37598
Coombs, R. Core competencies and the strategic management of R&D 124
Coonick, A. *see* Roa-Sepolveda, C.A. 19190
Coonick, A. *see* Roa-Sepulveda, C.A. 19550
Coons, E.M., Hunt, C.E., Ula, N., King, E.E., Leonov, P. Modeling of self-aligned lateral bipolar transistors on thin film bonded silicon on insulator 32375
Cooper, A.Brinton *see* Brinton Cooper, A.
Cooper, C. *see* Chen, X. 31981
Cooper, C.B. *see* Putrus, G.A. 19411
Cooper, D., Ng, K.C. A monophonic pitch-tracking algorithm based on waveform periodicity determinations using landmark points 17128
Cooper, D. *see* Dawson-Maddocks, A. 35569
Cooper, D. *see* Pandey, S.U. 37293
Cooper, D. *see* Pridmore, T.P. 46469
Cooper, D.B. *see* Lei, Z. 25473
Cooper, E. A nonlinearity specification for constructing the servo position error signal 43697
Cooper, E. *see* LaBlanca, N.C. 43380
Cooper, E.E. *see* Fiser, J. 15698
Cooper, E.I. *see* Acosta, R.E. 38760
Cooper, E.M. *see* Montanaro, J. 1446
Cooper, G. *see* Bieser, F. 59307
Cooper, G. *see* Harris, A.J. 27549
Cooper, G. *see* Wood, D. 27546
Cooper, J. Technical challenges of high-voltage power supplies for a modern beam index CRT electronic display 18662
Cooper, J. Routeing tools evolve to meet changing board and IC needs 53746
Cooper, J., Hombach, V. Increase in specific absorption rate in human heads arising from implantations 18562
Cooper, J. *see* Chittock, R.S. 31640
Cooper, J. *see* Hodges, S.E. 33591
Cooper, J. *see* Hodges, S.E. 33592
Cooper, J.A. *see* Chappel, D.C. 22572
Cooper, J.A., Jr. *see* Lam, M.P. 2843
Cooper, J.A., Jr. *see* Man Pio Lam 54705
Cooper, J.A., Jr. *see* Pan, J.N. 54138
Cooper, J.A., Jr. *see* Ryu, S. 54803
Cooper, J.A., Jr *see* Shenoy, J.N. 32424
Cooper, J.A., Jr. *see* Tan, J. 54433
Cooper, J.B. *see* Albin, S. 27501
Cooper, J.B. *see* Beasley, D.B. 28508
Cooper, J.B. *see* Mobley, S.B. 28519
Cooper, J.E. *see* Shoemaker, P.A. 21858
Cooper, K. *see* Jones, C. 44307
Cooper, K. *see* Jones, C.A. 3654
Cooper, L.J. *see* Drndic, M. 42179
Cooper, L.N. *see* Huynh, Q.Q. 34939
Cooper, M.R. Statistical methods for stress screen development 359
Cooper, R. *see* Pao, Y.-H. 31110
Cooper, R.A.S. Internal atrial defibrillation: the importance of lead location, waveform morphology, and shock synchronization 59812
Cooper, R.G. *see* Carlsten, B.E. 17986
Cooper, R.P. *see* Blair, H.D. 20847
Cooper, R.P. *see* Blair, H.D. 40664
Cooper, T.L., Walters, J.D., Fikse, T.H. Thermal conductance of heat transfer interfaces for conductively cooled superconducting magnets 43841
Cooper, T.L. *see* Knutson, K.L. 22487
Cooper, W.W. *see* Bardhan, I. 408
Cooper, W.W. *see* Bardhan, I. 409
Cooperstock, J.R., Tanikoshi, K., Beirne, G., Narine, T., Buxton, W. Evolution of a reactive environment 47248
Cootes, T.E. *see* Lanitis, A. 15536
Cootes, T.F. *see* Di Mauro, E.C. 1757
Cootes, T.F. *see* Edwards, G.J. 57511
Cootes, T.F. *see* Hill, A. 5111
Coover, K. *see* Allison, W.W.M. 37269
Coowar, F., Billaud, D., Ghanbaja, J., Baudry, P. Electrochemical intercalation of lithium into different varieties of carbon in solid polymer electrolyte 29547
Copeland, B.R., Golladay, R.M. The effect of distance teaching technology on higher education 9854
Copeland, D., Behnia, M., Nakayama, W. Manifold microchannel heat sinks: isothermal analysis 280
Copeland, D., Takahira, H., Nakayama, W., Pak, B.-C. Manifold microchannel heat sinks: theory and experiment 30333
Copeland, K.A.F., Nelson, P.R. Dual response optimization via direct function minimization 10182
Copeland, M.A. *see* Bax, W.T. 40964
Copeland, M.A. *see* Long, J.R. 41490
Copeland, R. *see* Darwish, A. 24183
Copeland, R. *see* Darwish, A.M. 24272
Copeland, R.G. *see* Missert, N. 41769
Copeland, R.P. *see* Agee, F.J. 54888
Copello, F. *see* Clavario, P. 49391
Coperich, K.M. Numerical analysis of diversity antenna systems for hand-held communication devices 45372
Copie, T.B., Jacobson, W.J., Payson, H.C. Radar tracking of multi-target complexes using Hough transforms 38177
Copin, M.C. *see* Remy-Jardin, M. 37640
Copland, R.J. *see* Phipps, S.P. 13927
Coppenbarger, R.A. A sensor-based automated obstacle avoidance system for nap-of-the-earth rotorcraft missions 18640
Coppersmith, D. *see* Aggarwal, A. 46568
Coppersmith, D. *see* Bellare, M. 24618
Coppinger, F., Yegnanarayanan, S., Trinh, P.D., Jalali, B. Continuously tunable photonic radio-frequency notch filter 31357
Coppinger, F., Yegnanarayanan, S., Trinh, P.D., Jalali, B., Newberg, I.L. Tunable photonic radio frequency filter using wavelength-selective true-time-delay [for radar systems] 58455
Coppinger, F. *see* Jalali, B. 3421
Coppinger, F. *see* Yegnanarayanan, S. 55292
Coppo, P., Limongiello, A., Moiso, C. New IN products: how to find your way around the new technologies 47291
Coppo, P., Macelloni, G., Pampaloni, P., Paloscia, S., Sigismondi, S. The SIR-C/X-SAR experiment: the sensitivity of microwave backscattering to surface roughness of bare soils 8381
Coppo, P. *see* Fung, A.K. 8505
Coppola, L. *see* Terneus Escudero, A. 50691
Coppoli, E.H.R., Saldanha, R.R., Konrad, A. Finite element analysis and evaluation of electromagnetic fields generated by atmospheric discharges 45179
Coppoolse, N. *see* Coene, C. 6383
Coquelin, P. *see* Aka, G. 14409
Coquery, G., Lallemand, R., Wagner, D., Gibard, P. Reliability of the 400 A IGBT modules for traction converters contribution on the power thermal fatigue influence on life expectancy 40883
Coquillat, D., Paganotto, N., Siviniant, J., Ribayrol, A., Lascaray, J.P., Cibert, J. Magnetoluminescence of the free and bound exciton in narrow quantum wells $CdTe/Cd_{1-x}Mn_xTe$ 22366
Coquillat, D. *see* Ribayrol, A. 22367
Coquin, D. *see* Chehadeh, Y. 5357
Coquoz, O. *see* Fishkin, J.B. 37655
Coraci, A. *see* Muller, A. 41505
Corana, A. *see* Casaleggio, A. 18417
Corat, E.J., Trava-Airoldi, V.J., Leite, N.F., Nono, M.C.A., Baranauskas, V. Diamond growth with CF_4 addition in hot-filament chemical vapour deposition 30904
Corat, E.J. *see* Borges, C.F.M. 856
Corat, E.J. *see* Riva, R. 14495
Corazza, G. *see* Callegati, F. 16041
Corazza, G. *see* Jacob, J.-B. 16517
Corazza, G.E. Analysis of multidimensional trellis-coded MPSK in Rice-lognormal fading channels 24633
Corbach, H.D.Van *see* Van Corbach, H.D.
Corbalan, R. *see* Chizhevsky, V.N. 23725
Corbalan, R. *see* Chizhevsky, V.N. 44366
Corbalan, R. *see* Gilmore, R. 55485
Corbalan, R. *see* Kul'minskii, A. 14209
Corbalan, R. *see* Martorell, J. 33669
Corbalan, R. *see* Pisarchik, A.N. 55484
Corbalan, R. *see* Roldan, E. 44337
Corbel, C. *see* Tuzemen, S. 12217
Corbel, S. *see* Schindler, S.M. 37451
Corbel, S. *see* Zissi, S. 54535
Corbella, I. *see* Camps, A. 60014
Corbella, I. *see* Torres, F. 58683
Corbet, J.-P.d'Ales de *see* d'Ales de Corbet, J.-P.
Corbett, B. *see* Weldon, V. 36747
Corbett, F., Groden, M., Dryden, G., Pfeiffer, G., Boos, R., Youmans, D. The digital image processing system for a high powered CO_2 laser radar 36262
Corbett, F. *see* Ghoshroy, S. 7673
Corbett, F. *see* Kovacs, M. 8676
Corbett, J.J. *see* Arturo Leis, A. 37804
Corbett, J.M. *see* Brigham, M. 46989
Corbett, J.M. *see* Mohajerzadeh, S. 1985
Corbett, P.C. *see* Bergano, N.S. 26823
Corbiere, T. *see* Musseau, O. 22994
Corbijn, A.J. *see* Valster, A. 55634
Corbin, E., Williams, C.J., Jaros, M. Optical spectra and recombination in SiGe/Si heterostructures for infrared applications 2113
Corbin, E. *see* MacDonald, C.D. 50155
Corboline, T. *see* Bahuguna, R.D. 44761
Corbu, C. *see* Ponpon, J.P. 32184
Corby, T.W., Jr., Nickola, W.E. Residual strain measurement using photoelastic coatings 21405
Corcoran, D.T. *see* Storm, D.W. 49151
Corcoran, F.L. *see* Campos Neto, S.F. 16469
Corcoran, P.A. *see* Sethian, J.D. 51265
Corcoran, W.R., Cotton, J.B., Russell, L.B., Swanson, R.N. Common assessment problems [nuclear power stations] 38535
Corda, J., Breiland, J., Slater, P. Position detection for cylindrical linear switched-reluctance actuator 51431
Corda, J., Slater, P. Electromagnetic method for position detection of linear variable-reluctance actuator with unrestricted displacement 60972
Cordara, F. *see* Brida, G. 36935
Cordeaux, C. *see* Wright, N. 26272
Cordeiro, P.G. *see* Andraka, C.E. 29653
Cordeiro, V., Jensen, J.B. Two-stroke diesels meet Macau electric power needs 19585
Corden, M.J. *see* Arai, Y. 37267
Corden, M.J. *see* Arai, Y. 37268
Cordero, L. *see* Block, F.E., Jr 59537
Cordero, M., Martin, C., Miller, J. Gaussian quadrature for products of exponential functions 10492
Cordes, D.W. *see* Richardson, J.A. 20659
Cordes, R.A., Suhling, J.C., Kang, Y.L., Jaeger, R.C. Optimal temperature compensated piezoresistive stress sensor rosettes 7295
Cordes, R.A., Suhling, J.C., Kang, Y.L., Jaeger, R.C. Application of a wafer-level calibration technique for stress sensing test chips 7318
Cordes, S. *see* Burghartz, J.N. 41518
Cordes, S.A. *see* Patel, R.S. 4165
Cordiale, P. *see* Bertinetto, F. 13978
Cordiale, P. *see* Bertinetto, F. 48304
Cordiali, L., Mana, G., Cavagnero, G., Bergamin, A. Beam-astigmatism in laser interferometry 24313
Cordier, C., Fayot, M., Leroy, A., Petit, A. Integration of process simulations in availability studies 39924
Cordier, M.-O. *see* Bibas, S. 5978
Cordier, M.O. *see* Bibas, S. 57905
Cordier, M.O. *see* Thiebaux, S. 8822
Cordier, P., Dupont, S., Douay, M., Martinelli, G., Bernage, P., Niay, P., Bayon, J.F., Dong, L. Evidence by transmission electron microscopy of densification associated to Bragg grating photoimprinting in germanosilicate optical fibers 43946
Cordier, P. *see* Taunay, T. 43967
Cordier, R. *see* Procaccia, H. 39686
Cordier, Y. *see* Garcia, J.C. 10718
Cordier, Y. *see* Ortion, J.M. 54425
Cordier, Y. *see* Ortion, J.R. 22599
Cordina, G. *see* Murphy, J.J. 42823
Cordoni, M. *see* Bertuccio, G. 59339
Cordos, E. *see* Bodea, O. 48741
Cordova, A., Patterson, R., Rahn, J., Lam, L., Rozelle, D. Progress in navigation grade IFOG performance 27624
Cordova, S. *see* Mazarakis, M.G. 17897
Cordova, S.R. *see* Mazarakis, M.G. 37078
Cordova, S.R. *see* Mazarakis, M.G. 37152
Cordts, B. *see* Shabani, M.B. 42356
Cordts, B. *see* Sudou, M. 22511
Cordts, B.F. *see* Anc, M.J. 22457
Core, D. *see* Patel, D.N. 30164
Core, D.P. Risk assessment sampling plans for non-standard (maverick) material 39918
Coren, F. *see* Caffau, E. 59204
Corera, J.M., Laresgoiti, I., Jennings, N.R. Using Archon. 2. Electricity transportation management 19229
Corey, G.P. *see* Stevens, J.W. 50841
Corey, S.D., Kerns, K.J., Yang, A.T. Automatic measurement-based characterization of lossy MCM line using lumped elements 39818
Corey, S.D., Yang, A.T. Automatic netlist extraction for measurement-based characterization of off-chip interconnect 11083
Corghi, A., Leonardi, R. Sequence matching using a spatio-temporal wavelet decomposition 57355
Corghi, A., Leonardi, R., Corridoni, J.M., Delbimbo, A. Determining the optical flow using wavelet coefficients 56860
Coriand, F. *see* Kiesel, A. 7570
Coriasso, C., Campi, D., Cacciatore, C., Stano, A., Rigo, C., Faustini, L., Leo, G. Butterfly bistability in an InGaAs/InP multiple-quantum well, distributed-feedback waveguide 13653
Coriasso, C. *see* Cacciatore, C. 44720
Coric, B. *see* de Kock, N. 19911
Coric, Z.J. *see* Stankovic, A.M. 29686
Coriell, S.R. *see* Singh, N.B. 10598
Corkum, D.L. *see* Friedman, L.J. 7635
Corlatan, D. *see* Maximus, B. 33157
Corlay, P. *see* Derviaux, C. 57083
Corless, R.M., Gonnet, G.H., Hare, D.E.G., Jeffrey, D.J., Knuth, D.E. On the Lambert W function 606
Corleto, C.R., Kimball, J.L., Tipton, A.R., MacLauchlan, R.A. Foundation Coalition first year integrated engineering curriculum at Texas A&M University-Kingsville: development, implementation and assessment 20658
Corlett, J. *see* Heifets, S. 49221
Corlett, J.N. Collective effects in the PEP-II B-factory 49252
Corlett, J.N. Coaxial wire impedance measurements of BPM buttons for the PEP-II B-factory 49254
Corlett, J.N., Barry, W., Byrd, J.M., Lambertson, G., Johnson, J., Fahmie, M., Fox, J.D., Teytelman, D. Transverse feedback systems for the PEP-II B-factory 49255
Corlett, J.N. *see* Byrd, J.M. 49253
Corley, M.J., Lorenz, R.D. Rotor position and velocity estimation for a permanent magnet synchronous machine at standstill and high speeds 29683

Corley, M.J. *see* Jansen, P.L. 60695
Corliss, D. *see* Grenville, A. 32270
Corliss, D. *see* Rorhschild, M. 22735
Corma, A. *see* Garcia, J.L. 3170
Cormack, D.E., Rosen, D. Gauge conditions and the analysis of singular fields with boundary integral equations 21195
Corman, J.C. *see* Anand, A.K. 29117
Cornaglia, B., D'Aria, G. Radio systems architectures for wireless CATV 48236
Cornbleet, S. On the eikonal function 14588
Corne, D. *see* Turner, A. 10389
Cornejo, D.R., Missell, F.P., Gonzalez, J.M. Magnetization reversal on recoil curves in $SmCo_5$ and nanocrystalline SmFeCo 3247
Cornejo, I.A., Haun, M.J. Electrical properties of $Pb_5Ge_3O_{11}$-based ferroelectric glass-ceramics 13227
Cornejo, I.A., Haun, M.J. Thick-film processing of $Pb_5Ge_3O_{11}$-based ferroelectric glass-ceramics 52845
Cornelis, J., Sahli, H., Acheroy, M., Baudoin, Y. Anti personal mines, a world-wide problem: from political conscience towards humanitarian, research and industrial action 8598
Cornelis, J. *see* Christopoulos, V.A. 56964
Cornelissen, K.J. *see* Ladewig, S.P. 19827
Cornell, E.A. *see* Gauck, H. 44216
Cornell, G. Scripting ActiveX controls with VBScript 26168
Cornell, M.C. *see* Kircher, J.R. 28510
Corneloup, G. *see* Gueudre, C. 46040
Corner, B.R., Palmer, R.D., Narayanan, R.M. Frequency domain interferometry in the planetary boundary layer: first results 18823
Corner, J.L., Buchanan, J.T. Capturing decision maker preference: experimental comparison of decision analysis and MCDM techniques 52436
Cornero, M. *see* Paulin, P.G. 46870
Cornet, A. *see* Ferrer, J.C. 728
Cornet, A. *see* Ferrer, J.C. 10752
Cornet, P., Chandezon, J., Faure, C. Conical diffraction of a plane wave by an inclined parallel-plate grating 45154
Cornett, F. *see* Pandurangan, A. 47502
Cornett, F. *see* Pandurangan, A. 47503
Cornett, F.N. *see* Jun Tan 45841
Cornette, J.C. *see* Bruno, J.G. 38115
Cornfeld, A.B. *see* Benson, J.D. 710
Cornfeld, A.B. *see* Dinan, J.H. 36671
Cornfield, P.S. *see* Combridge, B.L. 11510
Cornford, S.L., Gibbel, M. Methodology for physics and engineering of reliable products 30388
Cornford, S.L. *see* Larson, T.W. 1881
Cornhill, J.F. *see* Mueller, K. 49550
Cornhill, J.F. *see* Shekhar, R. 28299
Corni, F. *see* Sassella, A. 30915
Corni, F. *see* Tonini, R. 54385
Cornic, P. Another look at the dominant point detection of digital curves 40155
Cornick, K.J. *see* Vasconcelos, F.H. 38398
Cornicki, K.J. *see* Guardado, J.L. 38696
Cornillon, P. *see* Everson, R. 28648
Cornish, J.C.L. *see* Clare, B.W. 31880
Corno, E., Prinetto, P., Rebaudengo, M., Sonza Reorda, M. Comparing topological, symbolic and GA-based ATPGs: an experimental approach 40980
Corno, F., Damiani, M., Impagliazzo, L., Prinetto, P., Rebaudengo, M., Sartore, G., Reorda, M.S. On-line testing of an off-the-shelf microprocessor board for safety-critical applications 21734
Corno, F., Prinetto, P., Rebaudengo, M., Reorda, M.S. Exploiting competing subpopulations for automatic generation of test sequences for digital circuits 11387
Corno, F., Prinetto, P., Rebaudengo, M., Sonza Reorda, M. Partial scan flip flop selection for simulation-based sequential ATPGs 41019
Corno, F., Prinetto, P., Reorda, M.S. Circular self-test path for FSMs 11260
Corno, F. *see* Pignatta, R. 47806
Cornog, K. Factors in preserving video quality in post-production when cascading compressed video systems 36334
Corns, B.R. *see* Mansour, Y. 60313
Corns, B.R. *see* Vaahedi, E. 19039
Cornu, T. *see* Pahud, M. 35560
Cornut, B., Kedous-Lebouc, A., Waeckerle, T. From metallurgy to modelling of electrical steels: a multiple approach to their behaviour and use based on physics and experimental investigations 23322
Cornut, B. *see* Kedous-Lebouc, A. 24362
Cornut, B. *see* Mekhiche, M. 23326
Cornut, B. *see* Nencib, N. 27846
Cornut, B. *see* Nencib, N. 27847
Cornut, B. *see* Sievert, J. 23324
Cornwall, J.M. *see* Vesecky, J.F. 8408
Cornwell, D.M., Jr., Thomas, H.J. High-power (>0.9 W cw) diffraction-limited semiconductor laser based on a fiber Bragg grating external cavity 33497
Cornwell, J.A., Durant, E.D., Nelms, R.M. ZVS inverters for brushless DC motors in EMA applications 18595
Cornwell, W.D., Legg, P.J., Gilfedder, T.H., Hunter, D.K., Andonovic, I. Analysis of interferometric noise corruption in multi-node WDM networks 58345
Cornwell, W.D. *see* Hunter, D.K. 26793
Corny, E. *see* Cloutier, J. 21580
Corominas, H. *see* Alonso, J.M. 51832
Corona, A.Del *see* Del Corona, A.
Corona, K. *see* Davis, M.A. 17441
Corona, K. *see* Udd, E. 19378
Coronado, M.J., Singh, A. J-V and C-V/F characteristic of amorphous-undoped/crystalline silicon structure fabricated by RF sputtering 2103
Coronndo, J.L. *see* Garcia-Bermejo, J.G. 56721
Coroy, T., Measures, R.M., Wood, T.H., Burrus, C.A. Active wavelength measurement system using an InGaAs–InP quantum-well electroabsorption filtering detector 17382
Coroy, T. *see* Wu, X. 17418
Corp, L.A., McMurtrey, J.E., Chappelle, E.W., Kim, M.S., Daughtry, C.S.T. Optimal fluorescence excitation wavelengths for detection of stress in vegetation 8547
Corr, D., Whitehouse, S., Mott, D., Baldwin, J. Automatic change detection in space borne SAR imagery 6934
Corr, D.G. Coherent change detection for urban development monitoring 60106
Corrada, C. *see* Maric, S.V. 36195
Corradi, G. *see* Woehlecke, M. 4045
Corradini, M.L. *see* Bollinger, J.G. 20605
Corrado, M.G. *see* Agosteo, S. 37854
Corral, C.A. Practical issues in advanced antenna pattern comparison 34200
Corral, J.L. *see* Guerrero-Lemus, R. 819
Corrao, N., Cabon, B., Ndagijimana, F., Vilcot, A., Benech, P., Schanen Duport, I., Bouthinon, M., Gaubert, C. Training on microwaves and photonics at LHOG/INPG 9916
Corre, A.Le *see* Le Corre, A.
Correa, J., Arau, J. A 500 watts three-level boost converter for power factor correction 19859
Correa, J. *see* Lado, M.J. 59443
Correa, J. *see* Souto, M. 8023
Correa, J.L. *see* Tahoces, P.G. 49448
Correa, R.A., Levush, A.B., Antonsen, T.M. High efficiency cavity design of a 170 GHz gyrotron for fusion applications 22176
Correale, A., Jr. Overview of the power minimization techniques employed in the IBM PowerPC 4xx embedded controllers 21732
Correcher, V. *see* Delgado, A. 18570
Correia, A. *see* Lusson, L. 10911
Correia, A.J., Guilherme, J.C., Franca, J.E. Current-mode algorithmic pipeline analog-to-digital converter 53369
Correia, C.M. *see* Morgado, A.M.L.S. 53083
Correia, C.M.B.A. *see* Basilio Simoes, J. 53379
Correia, C.M.B.A. *see* Basilio Simoes, J. 59337
Correia, C.M.B.A. *see* Domingues, J.P.P. 49493
Correia, C.M.B.A. *see* Loureiro, C.F.M. 58656
Correia, C.M.B.A. *see* Malaquias, J.L. 58657
Correia, L.C.L. *see* Atalar, E. 7989
Correia, L.M. Mutual influence between the human head and mobile phone antenna 28460
Correia, L.M., Prasad, R. An overview of wireless broadband communications 26481
Correia, L.M. *see* Goncalves, N.C. 26589
Correia, L.M. *see* Smulders, P.F.M. 56054
Correia, M.F. *see* Morgado, A.M.L.S. 53083
Correia, M.V., Campilho, A.C., Santos, J.A., Nunes, L.B. Optical flow techniques applied to the calibration of visual perception experiments 5118
Correia, P.De Barros *see* De Barros Correia, P.
Correia, R.R.B. *see* Weiss, M.N. 13648
Correia de Barros, M.T., Almeida, M.E., Dube, L., Stein, B. A general-purpose transmission line model and its interface with an electromagnetic transients programme 50505
Correig, X. *see* Pallares, J. 22310
Correll, T. *see* Zimbelman, D. 49866
Corridoni, J.M., Del Bimbo, A. Structured digital video indexing 7103
Corridoni, J.M. *see* Corghi, A. 56860
Corrigan, J., Shaw, B., Jones, J. Demonstration results of fly-by-light flight control system architectures for tactical military aircraft 59907
Corrigan, K. Reel to reel assembly made possible with flex circuitry 22045
Corron, N.J., Hahs, D.W. A new approach to communications using chaotic signals 56242
Corsaro, R.D., Houston, B. Sensor-actuator panels for underwater acoustic control 18974
Corsaro, R.D., Klunder, J.D. Smart actuator with integrated co-formed accelerometer 17290
Corsaro, R.D., Klunder, J.D., Gentilnan, R., Fiore, D. Co-formed accelerometer–actuator composites using injection molded PZT 17320
Corsaro, R.D., Klunder, J.D., Gentilman, R., Fiore, D. Co-formed accelerometer array for integrated sensor/actuator applications 18972
Corset, I. *see* Salembier, P. 35181
Corsi, F., Marzocca, C., Portacci, G.V. Exploiting low drain currents for the extraction of DC MOSFET parameters 2620
Corsi, F. *see* De Venuto, D. 2749
Corsi, F. *see* O'Connor, P. 59315
Corsi-Cabrera, M., Arce, C., Ramos, J., Guevara, M.A. Effect of spatial ability and sex on inter- and intrahemispheric correlation of EEG activity 59636
Corsini, G. *see* Berizzi, F. 48079
Corsini, G. *see* Fiore, L. 49629
Corsini, R., Hiller, D., Carmannini, C., Consonni, G., Bosso, S., Gobbi, L., Sachtig, J., Schutz, H., Widmer, R. First monolithically integrated DBR waveguide laser and Mach-Zehnder intensity modulator in erbium-doped $LiNbO_3$ 14025
Corsini, R. *see* Baumann, I. 44059
Corso, F.Dal *see* Dal Corso, F.
Corso, G.J.Del *see* Del Corso, G.J.
Corso, V. *see* Bastida, E.M. 40931
Corson, W.D., Sabol, M.A. Near-real-time coastal oceanographic data products 50132
Cortadella, J., Kishinevsky, M., Lavagno, L., Yakovlev, A. Petrify: a tool for manipulating concurrent specifications and synthesis of asynchronous controllers 41109
Cortadella, J. *see* Musoll, E. 21440
Cortadella, J. *see* Semenov, A. 53100
Cortazar, I. *see* Sorin, C. 46959
Corte, A.La *see* La Corte, A.
Corte, F.G.Della *see* Della Corte, F.G.
Cortelazzo, G., Della Giustina, D., Mian, G.A. Frequency domain design of FIR and IIR Laplacian of Gaussian filters for edge detection 5465
Cortelazzo, G. *see* Bernardini, R. 4644
Cortelazzo, G.M. *see* Lucchese, L. 5175
Cortes, P.-Y., Chbat, M., Artigaud, S., Beylat, J.-L., Chesnoy, J. Below 0.3 dB polarisation penalty in 10 Gbit/s directly modulated DFB signal over 160 km using mid-span spectral inversion in a semiconductor optical amplifier 14158
Cortes, S.D.A.Reyes *see* Reyes Cortes, S.D.A.
Cortes, V. *see* Navarrete, B. 38609
Cortese, R. *see* Lombardi, A. 37117
Cortesi, U. *see* Spera, P. 50073
Cortey-Dumont, P. *see* Fourcade, F. 50703
Corti, S., Ciptiani, L., Salsuno, S. B-ISDN architectural evolution towards the integration with intelligent network 6292
Cortial, F., Ossart, F., Albertini, J.B., Aid, M. An improved analytical hysteresis model and its implementation in magnetic recording modeling by the finite element method 43703
Corticelli, F. *see* Dori, L. 58900
Cortijo, F.J., Perez de la Blanca, N. Automatic estimation of the LVQ-1 parameters. Applications to multispectral image classification 15542
Cortina, J. *see* Krawczynski, H. 37287
Cortizo, P.C. *see* Peixoto, Z.M.A. 60706
Corvi, M. *see* Appiani, E. 15579
Corvin, C. *see* Ruth, R.D. 49165
Corvino, A., Maurella, A. Measurement of touch voltage in electrical installations, in TN system, in low voltage earth fault 8977
Corvisiero, P. *see* Rossi, P. 18092
Cory, B.J. *see* Malik, A.S. 9129
Cory, G., Guillen, H.V., Cruz, D.H. Geothermal noncondensable gas removal from turbine inlet steam 29126
Cory, H., Levy, D. Higher-order modes in a closed rectangular chirowaveguide 24524
Corzine, A.R. *see* DeBrunner, V.E. 1589
Cosan, M., Boroyevich, D., Lee, F.C. A novel three-phase zero current transition voltage source inverter 29417
Cosby, D. *see* Rindos, A. 46563
Coscas, G. *see* Bunel, P. 28257
Coscas, G. *see* Meunier, I. 28258
Cosemans, P. *see* Proost, J. 42729
Cosentino, L. *see* Bellia, G. 37463
Cosentino, O. *see* Spoto, D. 18820
Coser, A. *see* Kormann, L.F. 5982
Cosgrave, J. *see* Jones, G.R. 5189
Cosgrave, J.A., Spencer, J.W., Jones, G.R., Lewis, K.G., Hall, W.B. An optical fibre-based acoustic sensor for detecting electrical discharges in SF_6 puffer circuit breakers 51410
Cosgrove, D.M., III *see* Chandra, S. 49527
Cosgrove-Davies, M. *see* Cabraal, A. 38660
Cosi, P., Dugatto, M., Ferrero, F., Magno Caldognetto, E., Vagges, K. Phonetic recognition by recurrent neural networks working on audio and visual information 4608
Cosic, D., Loncaric, S. Two methods for ICH segmentation 37695
Cosic, K., Kopriva, I., Sikic, T. A methodology for digital real time simulation of dynamic systems using modern DSPs 31307
Coskun, T.H. *see* Zhigang Chen 14324
Cosman, E.C. *see* Montie, E.A. 58935
Cosman, P. *see* Jain, R. 52034
Cosman, P.C. *see* Gray, R.M. 8038
Cosman, P.C. *see* Perlmutter, K.O. 8039
Cosman, P.C. *see* Perlmutter, S.M. 5556
Cosmas, J., Pitts, J., Luo, Z., Bocci, M., Nyong, D., Moughton, J., Evans, R., Rai, S. Identification of resource allocation trends for corporate ATM networks 26243
Cosmas, J.P. *see* Panis, S. 56672
Cosmin, P., Modreanu, M., Cosmin, S., Dunare, C., Popescu, D. APCVD doped oxides used as etch mask in KOH solution 40594
Cosmin, P. *see* Cobianu, C. 40636
Cosmin, P. *see* Cristea, D. 44249
Cosmin, P. *see* Modreanu, M. 48921
Cosmin, S. *see* Cosmin, P. 40594
Cosmin, S. *see* Modreanu, M. 48921
Cosper, A.C. Regional snapshot: dropping a line to rural Latin American countries [telephony] 6002
Cosquer, F.J.N., Antunes, P., Verissimo, P. Enhancing dependability of cooperative applications in partitionable environments 26202
Coss, J.R. *see* Nichols, D.K. 21844

Coss, J.R. *see* Nichols, D.K. 43107
Coss y Leon, M.E.C. *see* Roldan-Villasana, E.J. 50337
Cossalter, O., Cramer, B., Mlynski, D.A. A new method of viscosity determination from the electro-optical response of a nematic LCD 33164
Cossar, C. *see* Kjaer, P.C. 9581
Cossar, C. *see* Kjaer, P.C. 61164
Costa, A., De Gloria, A., Giudici, F. Hardware design of fuzzy controller 53304
Costa, A., De Gloria, A., Giudici, F., Olivieri, M. Fuzzy logic microcontroller 31277
Costa, A. *see* Sousa, P. 6241
Costa, A.Da *see* Da Costa, A.
Costa, A.J.A.Simoes *see* Simoes Costa, A.J.A.
Costa, C.I.A. *see* Lambert-Torres, G. 51425
Costa, E., Basu, S., Livingston, R.C., Stubbe, P. Multiple baseline measurements of ionospheric scintillation induced by high-power HF waves 34057
Costa, F. *see* Laboure, E. 60885
Costa, F.E. *see* Ranieri, I.M. 10604
Costa, G.R.M.da *see* da Costa, G.R.M.
Costa, J.A.F. *see* Gonzaga, A. 35243
Costa, J.A.P.da *see* da Costa, J.A.P.
Costa, J.C.W.A., Giarola, A.J. Analysis of dielectric grating waveguides for the design of dichroic structures 53523
Costa, J.C.W.A. *see* De Oliveira, L.P. 31459
Costa, L.da F. *see* da F. Costa, L.
Costa, L.da Fontoura *see* da Fontoura Costa, L.
Costa, L.D.F. *see* Cesar, R.M., Jr. 46478
Costa, L.F. *see* Marana, A.N. 57517
Costa, M. *see* Bizeau, C. 57597
Costa, M. *see* Profumo, A. 26396
Costa, M.C. *see* Brodskyn, H.O. 50597
Costa, M.F.M. The use of CCD arrays versus PSD detectors in an optical triangulation based microtopographer 7583
Costa, M.S., Shapiro, L.G. Relational indexing [3D objects recognition] 15885
Costa, P. *see* Popescu, B. 48136
Costa, S., Arques, P.Y., Sedano, H., Hillion, A. Two-dimensional energetic representation simulation and object identification by extracting edge and skeleton 46514
Costa, S., Ottonello, P., Rottigni, G.A., Zanella, G., Zannoni, R. DQE measurement in a scintillating glass optical fiber detector for X-ray imaging 18146
Costa, V., Preatoni, R., Caniggia, S. Investigation of EMI on multilayer printed circuit boards: ΔI-noise and power supply decoupling 41590
Costa, V. *see* Caniggia, S. 41576
Costa da Silva, L. Determination of the roots of the characteristic equation for corrugated and dielectric loaded circular waveguides 45296
Costa Freire, J. *see* Torres, J.P. 36022
Costa Freire, J. *see* Torres, J.P. 36023
Costabile, F., Gualtieri, M.I., Serra, S. Asymptotic expansion and extrapolation for Bernstein polynomials with applications 10445
Costabile, G. *see* Carapella, G. 43811
Costache, G.I., Laroussi, R., Petriu, E.M., Voegelin, V. Far electromagnetic field modeling based on near field measurements 45255
Costamagna, E., Fanni, A. Inhomogeneous dielectric transmission line geometries analysed by combining conformal mapping-finite difference procedures 4323
Costamagna, E., Fanni, A., Gamba, P. Thick coplanar line quasi-TEM parameter calculations 34141
Costamagna, E., Fanni, A., Marchesi, M. Lowering inner conductor surface charge density in optimized TEM cells 44905
Costamagna, E., Gamba, P., Pellegrini, P.F. Railway cab signalling by spread spectrum modulations and compatibility with narrow band track circuits 6572
Costandache, D. *see* Baltag, O. 17301
Costantini, B. *see* Capobianco, A.D. 58372
Costantini, D.M., van den Branden Lambrecht, C.J., Sicuranza, G.L., Kunt, M. Motion rendition quality metric for MPEG coded video 57008
Costantini, M., Farina, A., Zirilli, F. The fusion of different resolution SAR images 27071
Costantini, P., Manni, C. On a class of polynomial triangular macro-elements 516
Costantini, P., Manni, C. Comonotone parametric C^1 interpolation of nongridded data 548
Costanzo, B., Menreur, P., Schick, S., Foster, W. Design and performance analysis of the Wide-Field Infrared Explorer H_2/H_2 cryostat 28488
Costanzo, G., De Marchi, A., Repetto, M. State selection in a bipolar gradient magnet for a high C-field cesium beam resonator 27274
Costanzo, G.A., Rubiola, E., Therisod, S., de Marchi, A. The high C-field Cs beam resonator at the Politecnico di Torino 27223
Costard, E. *see* Berger, V. 42798
Costaridou, L., Panayiotakis, G., Pallikarakis, N., Proimos, B. Radiographic skills learning: procedure simulation using adaptive hypermedia 7973
Coste, F. *see* de Charette, R. 20275
Coste, F. *see* Derouet, H. 17507
Coste, O. *see* Poisson, F. 34961
Costela, A., Garcia-Moreno, I., Saiz, J.L. Thermal effects in optical phase conjugation in C_{60} and C_{70} toluene solutions 55848
Costela, A. *see* Calderon, O.G. 23760
Costello, C.F. *see* Costello, F.A. 28571
Costello, D.J., Jr. *see* Perez, L.C. 24685
Costello, D.J., Jr. *see* Perez, L.C. 34619
Costello, F.A., Costello, C.F. BIFAC analysis of space radiators operating at cryogenic temperatures 28571
Costello, K.A. *see* La Rue, R.A. 41804
Costello, K.A. *see* Schneider, J.E. 22674
Costello, T.P. *see* Gatt, P. 6967
Costes, J.R., Briand, A., Remy, B., Mauchien, M. Decontamination by ultraviolet laser: The LEXDIN prototype 50740
Costin, D., Opris, P. Selftuning rejection filter for distorsion measurement 41287
Costley, R.D., Winstead, C.B., Kumar, R.A. Photoacoustic technique for measuring velocity, temperature and density of a gas flow 20059
Cosulich, G., D'Addio, G.F., Firpo, P., Savio, S. An analytical approach for objective function identification in RAM target optimal apportionment process 39917
Cosulich, G., Firpo, P., Savio, S. Power electronics reliability impact on service dependability for railway systems: a real case study 9689
Cosulich, G., Fracchia, M., Mariscotti, A., Savio, S. Comparative dependability analysis of electric ship propulsion systems 61250
Cosway, R. *see* Roche, T. 42563
Cosway, R.G., Ridens, M.G., Peters, M., Catmull, K., Chilton, S.R. Use of on-product measurements for process control for improved manufacturing efficiency and reduced costs 30183
Cosyns, B. *see* Carlier, S. 37690
Cota, E. *see* Ramirez, F. 31987
Cota, L. *see* Florez, M. 39106
Cota-Araiza, L. *see* Matsumoto, Y. 9536
Cota-Araiza, L. *see* Matsumoto, Y. 61093
Cota-Araiza, L. *see* Ponce, L. 2057
Cotal, H.L., Messenger, S.R., Walters, R.J., Summers, G.P. Spectral response of electron-irradiated homoepitaxial InP solar cells 37989
Cotal, H.L. *see* Sharps, P.R. 37978
Cotanis, N., Iliescu, I., Leu, A. Statistical modelling and simulation of mobile multipath channel 26590
Cote, A. *see* Jacquet, P. 36872
Cote, C., DeSilva, A.W. Fast pyroelectric detector for broadband radiated power measurements 7352
Cote, D. *see* Clerjaud, B. 41957
Cote, D. *see* Kirchhoff, M. 54317
Cote, J. *see* Faucher, D. 28868
Cote, J.W., Aspnes, J.D. Integrating laboratory and computer exercises into electric power engineering education 20459
Cote, M., Shannon, R.R. Optimization of waveguide coupling lenses with optical design software 3526
Cote, R. *see* Lalande, G. 20009
Cote, R. *see* Tilquin, J.Y. 20003
Coteus, P.W. *see* Deutsch, A. 31562
Coteus, P.W. *see* Deutsch, A. 43289
Cothren, R.M. *see* Shekhar, R. 28299
Cotler, T. *see* Subbanna, S. 41161
Cotman, C.W. *see* Slater, R. 25478
Cotofana, S., Vassiliadis, S. Serial binary addition with polynomially bounded weights 11385
Cotofana, S., Vassiliadis, S. δ-bit serial binary addition with linear threshold networks 31231
Cotofana, S. *see* Vassiliadis, S. 1268
Cotsaftis, M. Natural decoupling of electric actuator equations 29513
Cotta, C., Aldana, J.F., Nebro, A.J., Troya, J.M. Hybridizing genetic algorithms with branch and bound techniques for the resolution of the TSP 21105
Cottard, G. *see* Garreau, Ph. 8618
Cotte, J.M. *see* Acosta, R.E. 38760
Cotter, D., Lucek, J.K., Marcenac, D.D. Ultra-high-bit-rate networking: from the transcontinental backbone to the desktop 57901
Cotter, D., Lucek, J.K., Shabeer, M., Smith, K., Rogers, D.C., Gunning, P., Nesset, D. 100 Gbit/s packet self-routing using all-optical 6-bit 'keyword' address recognition 26442
Cotter, D. *see* Hunter, D.K. 26793
Cotter, J.E. *see* Ingram, A.E. 39208
Cotter, J.E. *see* Shreve, K.P. 39030
Cotter, S. *see* Canning, T. 19536
Cotter, T. Servicing electrical power distribution equipment 38348
Cottereau, A., David, M. New development in small cryocoolers [for IR detectors] 39434
Cottet, G.-H., El Ayyadi, M. Nonlinear PDE operators with memory terms for image processing 56940
Cottingham, D.A. *see* Fixsen, D.J. 17008
Cottis, P.G., Moyssidis, M.A. Complex resonances of a conducting sphere eccentrically coated by a dielectric one 33971
Cottis, P.G. *see* Tigelis, I.G. 45290
Cottle, P.D. *see* Metlay, M.P. 37530
Cotton, B. A two-stage objective model for video quality evaluation 57009
Cotton, J.B. *see* Corcoran, W.R. 38535
Cotton, M. Advanced technology requirements for SMD applications 10123
Cotton, R.J. *see* Allison, W.W.M. 37269
Cotts, E.J. *see* Lehmann, G. 20901
Couchaud, M. *see* Faure, N. 14040
Couchaud, M. *see* Faure, N. 23871
Couderc, D., Bourassa, P., Muiras, J.M. Gas-in-oil criteria for the monitoring of self-contained oil-filled power cables 38358
Couderc, J.-P. *see* Fayolle, F. 30924
Couderc, J.-P. *see* Fayolle, F. 30925
Couderchon, G. *see* Gautard, D. 23314
Coudert, O., Haddad, R. Integrated resynthesis for low power 11031
Coudert, O., Haddad, R., Keutzer, K. What is the state of the art in commercial EDA tools for low power? 11046
Coudoux, F.-X. *see* Derviaux, C. 57083
Coufal, H. *see* Bernal, M.-P. 14427
Coughlan, M. *see* Stott, Z.T. 50229
Coughlan, P., Brady, E. Evolution towards integrated product development in subsidiaries of multinational enterprises 52145
Coughlin, J. *see* Yi-Hua Tang 36361
Couillard, J. *see* Paquin, J.P. 10190
Coujou, A. *see* Vivas, M. 10936
Coulas, D. *see* Maigne, P. 52663
Coulman, D. *see* Carcia, P.F. 32869
Coulman, P.K. *see* Conn, A.R. 11091
Coulomb, J.-L., Zgainski, F.-X., Marechal, Y. A pyramidal element to link hexahedral, prismatic and tetrahedral edge finite elements 44930
Coulomb, J.-L. *see* Nabeta, S.I. 50926
Coulomb, J.-L. *see* Nabeta, S.I. 50945
Coulomb, J.-L. *see* Zgainski, F.-X. 40272
Coulomb, J.L. *see* Migliano, A.C.C. 43710
Coulomb, J.L. *see* Petin, P. 44865
Coulombe, S., Dubois, E. Multidimensional windows over arbitrary lattices and their application to FIR filter design 24937
Coulon, R.B. *see* Sheehan, J.J. 28986
Coulot, C., Kohler-Hemmerlin, S., Dumont, C., Lamalle, B. Dimensional control of metallic objects by artificial vision 46141
Coulson, G., Waddington, D.G. A CORBA compliant real-time multimedia platform for broadband networks 26356
Coulson, G. *see* Campbell, A. 6326
Coulson, G. *see* Campbell, A.T. 47370
Coulson, G. *see* Waddington, D.G. 16423
Coulston, D.J., Kite, A.V. Nuclear fuel processes 19483
Coulter, R.J. *see* Mohapatra, G.R. 19303
Coulter, R.S., Matthews, R.W. Planar functions and planes of Lenz-Barlotti class II 45559
Coulthard, J., Cheng, R. Flow measurement of pulverised slurry on a power station 19554
Coulthard, J., Cheng, R., Kane, P., Osborne, J., Keech, R.P. Pulverised-fuel monitoring at Methil power station 38586
Coulthard, J., Cheng, R., Kane, P., Osborne, J.T., Keech, R.P. Online pulverised-fuel monitoring at Methil power station 50775
Countryman, R. *see* Alvarez, J. 1193
Counts, T.R. Large Li/CFx cell performance 19956
County, P. *see* Jirachiefpattana, A. 47169
Couperus, J. *see* Hofmann, T. 13933
Couprie, M. *see* Bertrand, G. 4998
Couprie, M.E. *see* Garzella, D. 3939
Couprie, M.E. *see* Marsi, M. 31782
Courant, E. *see* Garren, A. 17972
Courant, E. *see* Palmer, R.B. 17924
Courant, E. *see* Palmer, R.B. 17966
Courant, E.D. *see* Trbojevic, D. 18008
Courant, H. *see* Allison, W.W.M. 37269
Courau, A., Pancheri, G. Quasi-real Compton scattering at DAΦNE for a continuous calibration of the KLOE detector 59255
Courboules, B. *see* Monier, C. 12404
Courcoubetis, C., Weber, R. Buffer overflow asymptotics for a buffer handling many traffic sources 25878
Courcoubetis, C. *see* Charmantzis, F.C. 46875
Couret, A. *see* Vivas, M. 10936
Courjon, D. *see* Charraut, D. 46031
Courjon, D. *see* Coluzza, C. 2242
Courjon, D. *see* Coluzza, C. 12518
Courjon, D. *see* Schwarz, U. 24310
Cournoyer, L. *see* Laurin, D.G. 6975
Courox, W., Defaut, M., Husson, R. Advanced localisation technique through visual perception in mobile robots 56833
Courreges, F. Parameters in FED product design 17606
Courrol, L.C. *see* Ranieri, I.M. 10604
Cours, A. *see* White, M. 37030
Coursey, R.J.De *see* De Coursey, R.J.
Court, D. *see* Mullins, M. 36485
Court, W.S. *see* Alecu, R. 49761
Courtay, A., Gauthier, G.P., Rebeiz, G.M. Microstrip antennas on localized micromachined dielectric substrates 34426
Courteille, C. *see* Bruneteau, A.M. 37182
Courteille, C. *see* Graham, W.G. 37184
Courteille, P. *see* Appasamy, B. 7141
Courtellemont, P. *see* Pereira, P. 5599
Courteney, H.Y. Flight deck certification–a way ahead? 59930
Courter, S.S., Millar, S.B., Lyons, L. Effects on students of a freshman engineering design course 20556
Courtiat, J.-P., Dembinski, P.D., Holzmann, G.J., Logrippo, L., Rudin, H., Zave, P. Formal methods after 15 years: Status and trends: A paper based on

contributions of the panelists at the FORmal TEchnique '95 Conference, Montreal, October 1995 5851
Courtiat, J.-P., Diaz, M., De Oliveira, R.C., Senac, P. Formal models for the description of timed behaviors of multimedia and hypermedia distributed systems 47317
Courtney, C., Demuth, G., Martinez, V., Rupp, R., Eckhardt, D. Breakout box and circuits for direct injection experiments of electromagnetic susceptibility of aircraft electronics 4297
Courtney, G. *see* Enloe, C.L. 44912
Courtney, J.C., Klann, R.T. Testing shields in the Argonne National Laboratory fuel conditioning facility support areas 37929
Courtney, J.C., Klann, R.T. Testing hot cell shielding in the Fuel Conditioning Facility 37930
Courtney, J.D. Automatic video indexing via object motion analysis 57412
Courtney, J.D. *see* Talluri, R. 35194
Courtney, P., Thacker, N., Clark, A.F. Algorithmic modelling for performance evaluation 46323
Courtois, B., Delori, H., Karam, J.M., Paillotin, F., Torki, K. CMP services: basic principles and developments 52126
Courtois, B., Karam, J.M., Paret, J.M. Developments at CMP service: from microelectronics to microsystems 13186
Courtois, B. *see* Karam, J.M. 23060
Courtois, B. *see* Mir, S. 27395
Courtois, B. *see* Mir, S. 27396
Courtois, B. *see* Szekely, V. 36375
Courtois, B. *see* Szekely, V. 52203
Courtois, B. *see* Szekely, V. 52287
Courtois, B. *see* Szekely, V. 54733
Courtois, B. *see* Kamarinos, G. *(editor)* 9790
Courtoy, M. Rapid prototyping for communications design validation 36043
Courts, S.S., Holmes, D.S. Effects of cryogenic irradiation on temperature sensors 48447
Courts, S.S. *see* Holmes, D.S. 48446
Courty, B. *see* Becks, K.H. 59228
Courty, J.-M., Lambrecht, A. Transverse-mode coupling in a Kerr medium 33729
Courville, M.de *see* de Courville, M.
Cousseau, J.E., Diniz, P.S.R. A general consistent equation-error algorithm for adaptive IIR filtering 53431
Coussens, P.J., van den Bossche, A.P., Melkebeek, J.A. Nonlinear field oriented control in a rotor reference frame 51008
Coutand, F., Garnero, L., Fonroget, J. Anatomical data fusion for quantitative reconstruction in cardiac tomoscintigraphy using active contours of the organs of the thorax 59547
Coutellier, D. *see* Bourssseau, S. 10970
Couto, F. *see* Pakter, R. 17943
Couto, M.S. *see* van Enckevort, W.J.P. 10588
Coutsomitros, C.T. *see* Whelan, M.P. 7306
Coutts, D.W., Glover, A.C.J., Illy, E.K., Brown, D.J.W., Piper, J.A. UV micromachining using copper vapour lasers 176
Coutts, G.A. *see* Burl, M. 7962
Coutts, R. *see* Ostrowski, M. 26306
Coutts, T.J., Wanlass, M.W., Ward, J.S., Johnson, S. A review of recent advances in thermophotovoltaics 38972
Coutu, A. *see* Shore, N.L. 8866
Coutu, G., Dignan, M. Adaptive discrete cosine transform for feedback active noise control 4875
Coutu, G. *see* Bukowinski, S. 15178
Coutu, G. *see* Bukowinski, S.J. 15512
Coutu, L. *see* Gautard, D. 23314
Couture, J. *see* Valin, P. 28710
Couvignou, P.A., Papanikolopoulos, N.P., Sullivan, M., Khosla, P.K. The use of active deformable models in model-based robotic visual servoing 17521
Couvreur, C. MAP decomposition of a mixture of AR signals using multilayer perceptrons 4659
Couvreur, C., Bresler, Y. Dictionary-based decomposition of linear mixtures of Gaussian processes 25112
Couyoumtzelis, C. *see* Beringer, J. 37394
Couyoumtzelis, C. *see* DeWitt, J. 59243
Couyoumtzelis, C. *see* Sadrozinski, H.F.W. 37399
Cova, B. *see* Baratella, P. 28785
Cova, S., Lacaita, A., Ghioni, M., Zappa, F. Ultrasensitive photodetectors and circuits in silicon microelectronics 58766
Cova, S. *see* Ghioni, M. 1199
Covaci, S., de Torres, I.R. TMN Xuser interface specification for Pan-European ATM networks 35608
Covaci, S., Mayordomo, E., Zhang, T. Development of co-operative pan-European TMN systems – EURESCOM experiences 46923
Covaci, S. *see* Berberana, I. 47625
Covaci, S. *see* Galis, A. 46927
Covell, M. *see* Slaney, M. 15253
Covelli, E.M. *see* Alfano, B. 28268
Cover, T.M. *see* Castelli, V. 25079
Covert, P.J. Design tips and experiences in using re-configurable FLEX logic 41003
Covington, A.M. *see* Calabrese, D. 7772
Covington, B. *see* Grun, J. 42360
Covington, M. *see* Haiming Jin 54771
Cowache, P. *see* Meherzi-Maghraoui, H. 30867
Cowan, C.F.N. *see* Changjing Shang 16017
Cowan, C.F.N. *see* Griffiths, H.D. 58486
Cowan, C.F.N. *see* Jimaa, S. 34845
Cowan, C.F.N. *see* Phillips, D.K. 34846
Cowan, C.F.N. *see* Shimamura, T. 5705
Cowan, C.F.N. *see* Shimamura, T. 25799
Cowan, C.F.N. *see* Zerguine, A. 4877
Cowan, C.F.N. *see* Zerguine, A. 57557
Cowan, C.T. *see* Van der Stricht, W. 21276
Cowan, P. Power quality standards: friend or foe? 19212
Cowan, P., Saunders, R. Electrical power system analysis 61355
Cowan, W.D. *see* Roggeman, M.C. 54853
Cowburn, A.R. *see* Schofield, H.D. 12048
Cowburn, R.P., Adeyeye, A.O., Bland, J.A.C. Magnetic domain formation in lithographically defined antidot Permalloy arrays 55069
Cowburn, T., Medlock, K. Flexible circuitry develops beyond disk drives 10110
Cowdery, J.R. *see* Weiss, D.S. 33834
Cowell, D.R. *see* Gregory, M.J. 20732
Cowen, C.S., Craven, D.R., Goodwin, C.A., Hsieh, C.-M., Jones, G.T., Pandhumsoporn, T. Deep trench isolation in bonded wafer SOI ICs using high density ICP etcher 40866
Cowern, E. Be sure your motor and VFD are made for each other 61224
Cowern, N.E.B., Huizing, H.G.A., Stolk, P.A., Visser, C.C.G., de Kruif, R.C.M., Kyllesbech, L.K., Privitera, V., Nanver, L.K., Crans, W. Time scales of transient enhanced diffusion: free and clustered interstitials 31747
Cowern, N.E.B., Kersten, W.J., De Kruif, R.C.M., Van Berkum, J.G.M., De Boer, W.B., Gravesteijn, D.J., Bulle-Liewma, C.W.T. Interdiffusion mechanisms in coherently strained SiGe multilayers 42049
Cowern, N.E.B. *see* Omri, M. 31745
Cowie, A., Cohen, L.F., Gallop, J.C., Goncharov, L.N. Low field microwave power dependence as a function of temperature in Gd123 thin films 13513
Cowie, A.G., Bastin, M.E., Manners, D.N., Hands, L.J., Styles, P., Radda, G.K. ^{31}P NMR studies of human skin using a modified zig-zag surface coil 49494
Cowie, A.G. *see* Bastin, M.E. 49495
Cowie, J., Dodson, B., Elkenbracht-Huizing, R.M., Lenstra, A.K., Montgomery, P.L., Zayer, J. A world wide number field sieve factoring record: on to 512 bits 14799
Cowlam, N. *see* Yermakov, A.Y. 52831
Cowle, G.J., Stepanov, D.Yu. Multiple wavelength generation with Brillouin/erbium fiber lasers 3716
Cowle, G.J. *see* Loh, W.H. 44394
Cowle, G.J. *see* Stepanov, D.Yu. 23777
Cowles, J., Tran, L., Wang, H., Lin, E., Block, T., Streit, D., Oki, A. InP-based HBT technology for millimeter-wave MMIC VCOs 41519
Cowles, J. *see* Kobayashi, K.W. 31526
Cowles, J. *see* Kobayashi, K.W. 32538
Cowles, J. *see* Kobayashi, K.W. 41495
Cowley, A.H. *see* Neumayer, D.A. 21257
Cowley, J.M., Mankos, M., Scheinfein, M.R. Greatly defocused, point-projection, off-axis electron holography 33737
Cowley, S. *see* Gruzinov, A. 19756
Cowley, W.G. *see* Reader, D.J. 24954
Cowley, W.G. *see* Reader, D.J. 34809
Cowley, W.G. *see* Reader, D.J. 46000
Cowling, D.A. *see* Maharaj, D.Y. 50292
Cox, A., Furlong, P. Utilities contracting and the EU procurement rules 28810
Cox, A., Wallace, F.J., Bird, G.L., Horrocks, R.W. Initial development of an experimental automotive uniflow 2-stroke diesel engine 20208
Cox, A.D. A software toolkit for developing telecommunications application components 5991
Cox, A.D. *see* Iwanczyk, J.S. 37343
Cox, B. *see* Murphy, C.T. 49262
Cox, C. *see* Helkey, R. 36084
Cox, C. *see* Saeks, R. 59872
Cox, C., III *see* Roussell, H. 26706
Cox, D.C. *see* Akyol, B.A. 6517
Cox, D.C. *see* Akyol, B.A. 25839
Cox, D.C. *see* Akyol, B.A. 47665
Cox, D.C. *see* Kim, D. 4782
Cox, D.C. *see* Lam, D. 36028
Cox, D.C. *see* Lam, D. 47728
Cox, D.C. *see* Schmidl, M. 26641
Cox, D.C. *see* Schmidl, T.M. 5768
Cox, D.C. *see* Wong, P.B. 6559
Cox, D.C. *see* Yumin Lee 47529
Cox, D.E. *see* Carpenter, E.H. 30056
Cox, G. *see* Gai, W. 37013
Cox, G.S. *see* Dietz, K.H. 1814
Cox, H. Space-time processing for suppression of bottom reverberation 16980
Cox, I.J., Miller, M.L., Danchick, R., Newnam, G.E. A comparison of two algorithms for determining ranked assignments with application to multitarget tracking and motion correspondence 38161
Cox, I.J., Rao, S.B., Zhong, Y. "Ratio regions": a technique for image segmentation 5414
Cox, I.J. *see* Roy, S. 5287
Cox, J. *see* Ojo, O. 29244
Cox, J.A., Zook, J.D., Ohnstein, T., Dobson, D.C. Optical performance of high-aspect LIGA gratings 55385
Cox, J.E. *see* Tronstad, Y. 26000
Cox, J.R. Airborne and ground data processing systems for the RAH-66 Comanche 8236
Cox, L.A., Jr., Chiu, S.Y., Xiaorong Sun Least-cost failure diagnosis in uncertain reliability systems 39916
Cox, L.A., Jr., Davis, L., Lu, L.L., Orvosh, D., Sun, X.-R., Sirovica, D. Reducing costs of backhaul networks for PCS networks using genetic algorithms 46808
Cox, M. The "other" manufacturers story [TV broadcasting] 58564
Cox, M.D. *see* Wilkinson, W.A. 19043
Cox, M.G. Constructing and solving mathematical models of measurement 58603
Cox, M.G. *see* Ciarlini, P. *(editor)* 51963
Cox, N. *see* Gang Bai 2437
Cox, N.R. SMT: profiles and profiling 53803
Cox, P. *see* Driggers, R. 19019
Cox, R.S. *see* Murphy, M.J. 8132
Cox, R.V., Kroon, P. Low bit-rate speech coders for multimedia communication 26408
Cox, S. A structured DC power modernisation programme for the BT core network 51321
Cox, S., Rose, R. Confidence measures for the SWITCHBOARD database 15046
Cox, S. *see* Powell, R.C. 39062
Cox, T.I. *see* Canham, L.T. 3640
Cox, T.I. *see* Simons, A.J. 33285
Cox, T.J. *see* Parker, F.T. 13453
Cox, W. The challenges faced by students and staff in the transition to first year mathematics at university 52056
Cox, W.R., Hayes, D.J., Chen, T., Hoenigman, R.F., MacFarlane, D.L. Microjet printing for low cost optical interconnects 52208
Coy, T.V. *see* Ancoli-Israel, S. 59378
Coyle, A.J., Haverkort, B.R., Henderson, W., Pearce, C.E.M. A mean-value analysis of slotted-ring network models 6206
Coyle, D.B. *see* Blair, J.B. 8326
Coyle, E.J. *see* Allebach, J.P. 52032
Coyle, G. *see* Sidhu, C.K. 57750
Coyle, L.M. *see* Mattison, E.M. 48957
Coyle, L.M. *see* Vessot, R.F.C. 48294
Coyle, P. *see* Lang, F. 27671
Coyle, T. *see* Sugawara, A. 43615
Coyne, D. *see* Abe, K. 37234
Coyne, T. *see* Tennant, J.K. 16894
Cozzi, A., Crespi, B., Valentinotti, F., Worgotter, F. Performance of phase-based algorithms for disparity estimation 46332
Cozzi, A. *see* Vogelgesang, J. 15875
Crabbe, E., Logan, R., Snare, J., Agnello, P., Sun, J. Anomalous short-channel effects in 0.1 μm MOSFETs 43063
Crabbe, E. *see* Hon-Sum Weng 48686
Crabbe, E. *see* Su, L. 2793
Crabbe, E. *see* Subbanna, S. 41161
Crabtree, G.W., Maple, M.B., Kwok, W.K., Herrmann, J., Fendrich, J.A., Dilley, N.R., Han, S.H. Peak effect in $CeRu_2$ and $YBa_2Cu_3O_{7-\delta}$ 55087
Crabtree, I.B. *see* Titmuss, R. 6342
Crabtree, I.B. *see* Titmuss, R. 47321
Crabtree, P. *see* Mocala, K. 42699
Craciun, G., Bercu, M., Marica, L., Bercu, C., Dafinei, A., Flueraru, C., Grecu, V.V. Porous silicon properties investigated by IR and UV-VIS spectrometry 41897
Craciunescu, A. *see* Engstrom, M. 59305
Craciunescu, T. *see* Niculae, C. 15816
Craciunescu, T. *see* Turcanu, C.O. 25324
Craciunoiu, F. *see* Caldararu, M. 3451
Craciunoiu, F. *see* Cristea, D. 44249
Craciunoiu, F. *see* Muller, A. 41505
Craddock, I.J., Railton, C.J. Stable inclusion of a priori knowledge of field behaviour in the FDTD algorithm: application to the analysis of microstrip lines 34159
Craddock, I.J. *see* Railton, C.J. 14669
Craddock, I.J. *see* Railton, C.J. 34142
Craford, M.G. *see* Chen, C.H. 21259
Craford, M.G. *see* Jeon, E.S. 12503
Craft, B.C. *see* Vladimirsky, Y. 42805
Cragg, C.T. The changing nature of the power generation market–does it create opportunities for fuel cells? 19983
Crago, P.E. *see* Adamczyk, M.M. 18537
Crahay, P. *see* Van Deventer, M.O. 26850
Craib, J.A. A statement of user requirement–mine detection 8590
Craievich, D., Bovik, A.C. Stereo image compression using VPIC 57458
Craig, A. *see* Brundle, C.R. 43178
Craig, A.R. *see* Thiele, D.L. 37906
Craig, D. *see* Arai, Y. 37267
Craig, D. *see* Arai, Y. 37268
Craig, D.M. *see* Waxman, A.M. 17511
Craig, G. *see* Tan, T.S. 27568
Craig, J. *see* Gramoll, K. 9930
Craig, K. *see* Unterrainer, K. 2199
Craig, K.H. *see* Gibson, A.J. 36261
Craig, K.H. *see* Hayton, T.G. 34051
Craig, K.H. *see* Norbury, J.R. 36048
Craig, K.R. *see* Mann, M.K. 29112
Craig, R.A. *see* Bliss, M. 48625
Craig, R.A. *see* Bliss, M. 49779
Craighead, H.G. *see* Lercel, M.J. 22728
Craighead, H.G. *see* Lo, W.K. 22150
Craighead, H.G. *see* Sohda, Y. 41775
Craighead, H.G. *see* Tanenbaum, D.M. 22701

Craighead, H.G. *see* Whelan, C.S. 22628
Craignou, B., David, J.-Y. Integrating intelligent networks in general network planning 26287
Craignou, B. *see* Jensen, T. 47271
Crain, B.R., Peterson, A.F. Finite element analysis of dispersion characteristics of microstrip lines lying near substrate and ground plane edges 45270
Crain, B.R., Zajac, H.R. FAA certification of the C-130J for electromagnetic compatibility, lightning protection and HIRF 49918
Crain, D.J. *see* Sojka, J.J. 50049
Crain, W.R. *see* Koga, R. 21749
Crain, W.R. *see* Penzin, S.H. 29438
Craine, W.L. *see* Goetschel, R.H., Jr. 10304
Craiu, O. *see* Badea, E.A. 43851
Cram, J., Allison, M. Homesteading on the Web: the Queensland Department of Education Virtual Library 26160
Crama, Y., Flippo, O.E., van de Klundert, J., Spieksma, F.C.R. The component retrieval problem in printed circuit board assembly 53777
Cramer, B. *see* Cossalter, O. 33164
Cramer, B.S. Which transmission line emits the lowest EMF? 28914
Cramer, C. *see* Gelenbe, E. 16368
Cramer, D.B. *see* Seery, B.D. 60094
Cramer, G., Greizer, F. String inverters for reduced cost of solar electricity generation 29388
Cramer, H. *see* Goetz, M.P. 20943
Cramer, H.-G. *see* Schnieders, A. 54440
Cramer, H.T., Vendelin, G.D. Oscillator design for three-port power 11716
Cramer, M. *see* Koomey, J.G. 51635
Cramer, R., Damgard, I., Pedersen, T. Efficient and provable security amplifications 56278
Cramond, A. *see* Wells, P. 40712
Crampton, D. *see* Cuillandre, J.-C. 48679
Crampton, S.B. *see* Krupczak, J.J., Jr. 44323
Crandall, B.S. *see* Filler, D.A. 18926
Crandall, K.R. *see* Stovall, J.E. 49169
Crandall, K.R. *see* Swenson, D.A. 49027
Crandall, M.G., Lions, P.-L. Convergent difference schemes for nonlinear parabolic equations and mean curvature motion 10490
Crandall, R., Dilcher, K., Pomerance, C. A search for Wieferich and Wilson primes 40081
Crandall, R.E. *see* Bailey, D.H. 40129
Crandall, R.S., Qi Wang Density of states measurements in a p-i-n solar cell 39145
Crandall, R.S. *see* Mahan, A.H. 39132
Crandall, R.S. *see* Qi Wang 39144
Crane, C.C., Kozick, R.J. An integrated environment for modeling, simulation, digital signal processing, and control 9923
Crane, C.D. *see* Pinheiro, R.J. 35152
Crane, C.D., III *see* Brown, E. 17006
Crane, F.M. *see* Patel, R. 7896
Crane, G.R. *see* Comizzoli, R.B. 58090
Crane, J.K., Martinez, M., Beach, R.J., Mitchell, S., Pratt, G., Christensen, J.J. Ultra-stable diode-pumped Nd-doped glass regenerative amplifier for the National Ignition Facility (NIF) 14087
Crane, R.A., Verlinden, E.J., Swanson, E. Building a cost-effective, fabrication facility for silicon solar cell R&D and production 39218
Crane, S., Dulay, N. A configurable protocol architecture for CORBA environments 57635
Cranen, B., Schroeter, J. Physiologically motivated modelling of the voice source in articulatory analysis/synthesis 4580
Craninckx, J., Steyaert, M. A 1.8-GHz low-phase-noise spiral-LC CMOS VCO 1732
Craninckx, J., Steyaert, M.S.J. A 1.8-GHz low-phase-noise CMOS VCO using optimized hollow spiral inductors 53684
Craninckx, J. *see* Crols, J. 1731
Crank, S. *see* Appel, A. 2814
Cranmer, L. *see* Ammons, J.C. 52170
Crans, W. *see* Cowern, N.E.B. 31747
Cranton, W. *see* Stevens, R. 7509
Crappe, M. *see* Mpanda-Mabwe, B. 50513
Crappe, R. *see* ShaoJun Wei 58058
Crappe, R.G. *see* Dupont, O. 57581
Cras, F.Le *see* Le Cras, F.
Crasovan, L.-C. *see* Mihalache, D. 55817
Crasovan, L.-C. *see* Mihalache, D. 55887
Crasta, C., Malusa, A. Existence results for noncoercive variational problems 10240
Craus, M.L. *see* Rezlescu, E. 676
Craus, M.L. *see* Rezlescu, E. 3164
Craven, B.D., Glover, B.M. An approach to vector subdifferentials 10242
Craven, D.R. *see* Cowen, C.S. 40866
Craven, R.A. *see* Mulestagno, L. 42304
Craven, W.B. Development with quasi-bipolar Horizon^R technology 61259
Cravey, R. *see* Deshpande, M.D. 48832
Cravotta, N. Hardware tools for embedded systems development 1029
Cravotta, N. Flash memories: plenty of cheese, no mice? 31261
Crawford, D.E. *see* Held, R. 52724
Crawford, D.F., Robertson, J.G., Davidson, G. Variance imaging in radio astronomy 27123
Crawford, D.H., Stewart, R.W., Toma, E. A novel adaptive IIR filter for active noise control 15379
Crawford, D.H., Stewart, R.W., Toma, E. Digital signal processing strategies for active noise control 56510
Crawford, G. *see* Abe, K. 59233
Crawford, H. *see* Betts, W. 59222
Crawford, J.P. *see* Jezek, K.C. 8322
Crawford, J.S. *see* Waters, A.G. 16056
Crawford, K.B. *see* Koga, R. 21749
Crawford, K.B. *see* Penzin, S.H. 29438
Crawford, M. *see* Barnes, P.A. 12540
Crawford, M.H. *see* Kurtz, S.R. 3889
Crawford, M.Hagerott *see* Hagerott Crawford, M.
Crawford, M.M. *see* Myunghee Jung 8551
Crawford, N. *see* Morgan, E.J. 20735
Crawford, T., Lowrie, C., Thompson, J.R. Prelase stabilization of the polarization state and frequency of a Q-switched, diode-pumped, Nd:YAG laser 3732
Crawhall, R.J.H. Bits and watts in boxes: Challenges in telecommunications packaging 35556
Crawley, D.F. What's happening in the standardisation field [switchgear] 38908
Crawley, J.A. *see* Thrush, E.J. 30799
Crawley, J.A. *see* Van der Stricht, W. 21276
Crawley, J.A. *see* Van der Stricht, W. 40453
Crawley, J.A. *see* Zhang, X. 40327
Crawshaw, S.A.M. *see* Fortune, J.A.B. 20288
Craxton, R.S. *see* Boehly, T.R. 14059
Craxton, R.S. *see* Boehly, T.R. 14086
Cray, A. Encryption 26094
Cray, A. D channel X.25 old gold 47238
Cray, B.A., Christman, R.A. Acoustic and vibration performance evaluations of a velocity sensing hull array 16993
Creager, J. *see* Narayanan, S. 39015
Creager, J. *see* Wohlgemuth, J.H. 39157
Crean, G. *see* Torres, J. 12805
Crean, G.M. *see* Patterson, J.C. 42724
Creanza, D. *see* Celano, L. 18094
Creason, A.S., Miranda, F.A. Automation of data analysis programs used in the cryogenic characterization of superconducting microwave resonators 48359
Creason, A.S. *see* Mejia, M. 48393
Crebbin, G. *see* You Xu 57496
Crebbin, G.A. *see* Lee, M.H. 57349
Credidio, R. TPM: planned maintenance implementation in mass production line of DRAM technology 39689
Creech, G.L., Paul, B., Lesniak, C., Jenkins, T., Lee, R., Brown, K. Artificial neural networks for accurate high frequency CAD applications 1073
Creech-Eakman, M.J., Klebe, D.I., Stencel, R.E., Williams, W.J. TGIRS--a Two Grating (mid) InfraRed Spectrometer 27648
Creedon, J. *see* Podlesak, T. 38185
Creedon, J. *see* Singh, H. 33889
Creel, K.E., Nelson, D.J. Thermal modeling of discrete microelectronic elements within three-dimensional continuous models 291
Creemer, J.F., Middelhoek, S., Sarro, P.M. The photoelectromagnetic effect in planar silicon structures 22197
Crees, D. *see* Mawby, P.A. 42977
Cregut, P., Guillemin, F., Heyd, B. A protocol for supporting the ABT/DT capability 57594
Creighton, N. *see* Ando, H. 41572
Cremades, A., Piqueras, J., Schreck, M. Electron beam-induced current imaging of chemical vapor-deposited diamond films 40421
Cremades, A., Piqueras, J., Xavier, C., Monteiro, T., Pereira, E., Meyer, B.K., Hofmann, D.M., Fischer, S. Cathodoluminescence study of GaN epitaxial layers 31823
Cremaldi, L., Finocchiaro, G., Gobbi, B., Kwan, S., Narain, M., Rajagopalan, S., Rubinov, P., Schamberger, D., Sellberg, G., Yu, Y. Performance of MSGCs with cathode readout 59262
Cremaldi, L. *see* Amos, N. 37445
Cremer, C. *see* Schimpe, R. 16765
Cremer, R., Schiele, J. Advanced heating of aluminium alloys to a point in the solidus/liquidus interval 61364
Cremieu, A. *see* Delage, D. 60053
Cremins-Costa, A. *see* Karimy, H. 10889
Cremins-Costa, A. *see* Namavar, F. 40417
Cremonesi, O. *see* Alessandrello, A. 7819
Cremonesi, O. *see* Alessandrello, A. 37480
Cremonesi, O. *see* Alessandrello, A. 48812
Cremonesi, O. *see* Alessandrello, A. 59340
Cremoux, G.de *see* de Cremoux, G.
Cremy, C. *see* Vega, J. 4488
Crenn, J.P., Charollais, C. Propagation and radiation characteristics of the circular electric, circular magnetic and hybrid waveguide modes 24520
Crenshaw, D.A., Branigan, R.G. Advanced image intensifier: a 60° field-of-view night vision system with integral electroluminescent display 18985
Crepaldi, P.C. *see* Pimenta, T.C. 53384
Crepeau, C. *see* Brassard, G. 24692
Crescenti, M. *see* Catalan Lasheras, N. 49084
Crescenzi, F. *see* Camilli, M. 60092
Crescimbini, F. *see* Caricchi, F. 29724
Crescimbini, F. *see* Di Napoli, A. 51234
Crescini, Marioli, D., Taroni, A. Low-cost accelerometers: two examples in thick-film technology 27451
Crescini, D., Ferraro, V., Marioli, D., Taroni, A. A thick-film capacitive pressure sensor with improved linearity due to electrode-shaping and frequency conversion 36464
Crescini, D., Ferrari, V., Marioli, D., Taroni, A. Thick-film resonant sensor for force measurements on stainless steel substrate 58730
Crescini, D., Marioli, D., Taroni, A. Piezoresistive accelerometers for vehicle dynamics: a new solution in thick-film technology on AISI430 metal substrate 20195
Crespi, B. *see* Cozzi, A. 46332
Crespi, B. *see* Valentinotti, F. 5230
Crespin, S. *see* Martinez, E. 49350
Crespo, A. *see* Echague, J. 6129
Crespo, C. *see* Ramos, J. 6449
Crespo, C. *see* Sorin, C. 46959
Crespo, J., Schafer, R.W. Bounds on filters by reconstruction 25445
Crespo, J.C. The extended chirp scaling processor for the experimental SAR system of DLR, E-SAR 16946
Crespo, J.C. *see* de Salvador, L. 36231
Crespo, P. *see* Neu, V. 3121
Crespo, P. *see* Zhukov, A. 3058
Crespo, R.D. *see* Fernandez, S.F. 3422
Crespo-Casas, C. *see* Caminero-Gil, J. 14965
Cress, D.H., Battel, L.C. Sensing of gradient electromagnetic fields from subsurface conducting targets 18769
Cressler, J.D. *see* Joseph, A.J. 32372
Cressler, J.D. *see* Joseph, A.J. 42968
Cressler, J.D. *see* Richey, D.M. 22776
Cressler, J.D. *see* Richey, D.M. 32373
Cresson, P.-Y. *see* Michel, C. 37855
Cresswell, D. *see* Patel, D.N. 30164
Cresswell, M.W., Allen, R.A., Linholm, L.W., Guthrie, W.F., Penzes, W.B., Gurnell, A.W. Hybrid optical-electrical overlay test structure 54746
Cresswell, M.W., Sniegowski, J.J., Ghoshtagore, R.N., Allen, R.A., Guthrie, W.F., Gurnell, A.W., Linholm, L.W., Dixson, R.G., Teague, E.C. Recent developments in electrical linewidth and overlay metrology for integrated circuit fabrication processes 32319
Creti, P. *see* Andryakov, A. 37226
Cretin, B. *see* Vairac, P. 3502
Cretin, B. *see* Vairac, P. 17820
Cretin, G. *see* Lutton, E. 57394
Cretinon, B. *see* Heinonen, M. 58612
Cretolle, J. *see* Bonnefoy, J.P. 37499
Cretolle, J. *see* Cesarsky, C.J. 36548
Cretu, R.V. *see* Syrbu, N.N. 811
Creusere, C.D. A family of image compression algorithms which are robust to transmission errors 25612
Crevier, D. A resistive network model for image segmentation and perceptual organization 35137
Crew, G. *see* Yamashita, A. 59364
Crewe, A.V., Kielpinski, D. Electron focusing using dipole lenses 12127
Crewe, D.A., Ruffin, M.M., Feinerman, A.D. Initial images with a partially micromachined scanning electron microscope 22189
Crewe, S. *see* Clifton, J.C. 58103
Crewell, S. *see* de Valk, J.P.J.M.M. 60039
Crews, H. *see* Aday, J.G. 6575
Crezee, J., Van der Koijk, J.F., Kaatee, R.S.J.P., Lagendijk, J.J.W. Implications of using thermocouple thermometry in 27 MHz capacitively coupled interstitial hyperthermia 59770
Cribier, M., Pichard, B., Rich, J., Soirat, J.P., Spiro, M., Stolarczyk, Th., Tao, C., Vignaud, D., Anselmann, P., Lenzing, A., Schlosser, C., Wink, R., Rowley, J.K. The muon induced background in the GALLEX experiment 59193
Cricelli, L., Gastaldi, M., Levialdi, N. A simulation model for international telecommunication system 30021
Cricelli, L., Gastaldi, M., Levialdi, N. A system of science and technology parks for the Rome area 52072
Cricenti, A. *see* Coluzza, C. 12518
Crichton, B.H. Gas discharge physics 2892
Crichton, G.C. *see* McAllister, I.W. 19350
Crichton, G.C. *see* Pedersen, A. 32635
Crichton, G.C. *see* Rerup, T.O. 36854
Crichton, P. *see* Legg, P.J. 47046
Crick, F. *see* Fraenkel, P. 50867
Crick, F.J. *see* Hynes, K.M. 50831
Crid Yu, Hua-Yu Liu, Spanos, C.J. Patterning tool characterization by causal variability decomposition 2493
Crida, R.C., De Jager, G. Multiscalar rock recognition using active vision 60024
Crifasi, J.A. *see* Bisaga, J.J. 59995
Crijns, H.J.G.M. *see* Dijk, W.A. 49838
Crijns, H.J.G.M. *see* Haaksma, J. 37772
Crilly, A.J. *see* Nobar, P.M. 20446
Crimes, G.J. *see* Arthurs, C.P. 36657
Crimes, G.J. *see* Baker, I.M. 36656
Crimm, R.C. *see* Debbins, J.P. 7988
Crimmins, J. *see* Lee, E. 49975
Crimmins, T.R. *see* Busse, L.J. 28114
Crine, J.-P., Dang, C., Parpal, J.-L. Electrical aging of extruded dielectric cables: a physical model 11783
Crine, J.-P., Parpal, J.-L., Dang, C. Influence of fatigue on some electrical ageing mechanisms of polymers 2888
Crine, J.-P. *see* David, E. 19359
Crippen, S.L. *see* Adams, G.F. 18660
Cripps, M.W., Thomas, J.P. Reputation and perfection in repeated common interest games 40016

Crisafulli, S. *see* Jones, H.M. 45650
Criscuolo, G. A new algorithm for Cauchy principal value and Hadamard finite-part integrals 40289
Criscuolo, G. *see* Capobianco, M.R. 30630
Crisenza, G. *see* Eitan, B. 41157
Crisenza, G. *see* Strojwas, A.J. 13139
Crisman, E.E. *see* Gregory, O.J. 48460
Crisp, G. *see* Cloude, S.R. 6966
Crisp, M.P. *see* Beauchamp, P.M. 36693
Crisp, M.P. *see* Beauchamp, P.M. 59963
Crisp, P. *see* Rodgers, D.H. 59861
Crispo, B., Lomas, M. A certification scheme for electronic commerce 56275
Cristaldi, L., Ferrero, A., Willems, J.-L., Depenbrock, M., Staudt, V., Czarnecki, L.S. Mathematical foundations of the instantaneous power concepts: an algebraic approach 28754
Cristea, D., Cosmin, P., Craciunoiu, F. High-responsivity silicon photodetectors for optoelectronic integrated systems 44249
Cristea, D. *see* Caldararu, M. 3451
Cristea, P. *see* Bezerianos, A. 49476
Cristea, P. *see* Bezerianos, A. 49680
Cristescu, E. *see* Enescu, E. 40673
Cristian, F. *see* Fetzer, C. 48955
Cristiani, G. *see* Konuma, M. 10686
Cristiano, F., Nejim, A., de Mauduit, B., Claverie, A., Hemment, P.L.F. Characterization of extended defects in SiGe alloys formed by high dose Ge^+ implantation into Si 31937
Cristiano, F. *see* Nylandsted Larsen, A. 42371
Cristiano, F. *see* Omri, M. 31745
Cristiano, F. *see* O'Raifeartaigh, C. 30743
Cristiano, R. *see* Nappi, C. 43797
Cristobal, G., Chagoyen, M., Escalante-Ramirez, B., Lopez, J.R. Wavelet-based denoising methods: a comparative study with applications in microscopy 34994
Cristobal, G., Cohen, L. Scale in images 25267
Cristobal, G. *see* van Deemter, J.H. 15932
Cristoloveanu, S., Balestra, F. SOI technologies, materials and devices 43286
Cristoloveanu, S., Elewa, T., Munteanu, D., Ionescu, A. Novel technique for carrier lifetime measurement by Ψ-MOSFET transients 22459
Cristoloveanu, S., Ionescu, A., Maleville, C., Munteanu, D., Gri, M., Aspar, B., Bruel, M., Auberton-Herv, A.-J. Electrical properties of UNIBOND material 42302
Cristoloveanu, S. *see* Ionescu, A.M. 22452
Cristoloveanu, S. *see* Reichert, G. 13000
Cristoloveanu, S. *see* Hemment, P.L.F. *(editor)* 29948
Critchfield, K.L. *see* Garth, J.C. 22955
Critchlow, G.W. *see* Racheva, T.M. 58883
Crittenden, B. *see* Giesselmann, M. 51271
Crittenden, J. *see* Bamberger, A. 7787
Crittenden, J. *see* Bamberger, A. 37358
Crivellari, M. *see* Midrio, M. 16753
Crivii, M. *see* Jufer, M. 61178
Crnalic, J. Thyristor control for locomotives type 1141 29766
Crnalic, J., Simec, I. Reconstructed locomotive for current system 3 kV DC type 1061 29763
Crnjak Orel, Z. *see* Turkovic, A. 19966
Crnjak Orel, Z. *see* Turkovic, A. 51600
Crnosija, P. *see* Bogdan, S. 60900
Croce, F., Appetecchi, G.B., Slane, S., Salomon, M., Tavarez, M., Arumugam, S., Wang, Y., Greenbaum, S.G. Impedance and lithium–7 NMR studies of polymer electrolytes based on poly(vinylidene fluoride) 29561
Croce, N., Magnani, B., Carrozza, M.C., Montesi, M.C., Ristori, C., Dario, P. Technologies and components for micro total analysis systems 58731
Crochet, M. *see* Luce, H. 18855
Crochet, P. *see* Aka, G. 14409
Croci, F., Perona, M., Pozzetti, A. Event driven dynamic scheduling system in electronic boards assembly 39747
Crockard, H.A. *see* Jones, S.J. 18478
Crocker, R.T. Applying IN to mobile communications services beyond telephony 26655
Crocker, R.T. Modifying the IN architecture to further support mobile communication services 36021
Crockett, A.R. *see* Vanderlinde, W.E. 42599
Croell, A., Schweizer, M., Tegetmeier, A., Benz, K.W. Floating-zone growth of GaAs 10591
Croell, A. *see* Kloess, G. 12143
Croell, A. *see* Tegetmeier, A. 10641
Croft, A. The XK8 high speed powertrain serial communications system 29849
Croft, A. A Mathematics Learning Support Centre for students of engineering mathematics 52063
Croft, G. *see* Bernier, J. 20819
Croft, G. *see* Chian, M. 26234
Croft, G.D. Transient supply clamp with a variable RC time constant 21486
Crofton, J., Sriram, S. Reverse leakage current calculations for SiC Schottky contacts 12531
Crofts, G.J., Minassian, A., Damzen, M.J. A self-starting holographic Ti:sapphire laser 33440
Crofts, G.J. *see* Camacho-Lopez, S. 24094
Crognale, C. Small signal frequency response of a linear dispersive single-mode fiber near zero first-order dispersion wavelength 47921
Croisant, W.J., Feickert, C.A., McInerney, M.K. Computational aspects of a nonlinear problem involving electromagnetic transients in ferromagnetic shields 45204
Croisier, A. *see* Morel, Ph. 16295
Croitoru, N., David, G., Rancoita, P.G., Rattaggi, M., Seidman, A. Dependence of the AC conductance of neutron irradiated silicon detectors on frequency and temperature 59247
Croitoru, N. *see* Allon-Alaluf, M. 12299
Croitoru, N. *see* Gilo, M. 3319
Croitoru, N. *see* Haruvi-Busnach, I. 3017
Croke, E.T. *see* Pettersson, P.O. 52621
Croley, D. *see* Chatterjee, A. 22584
Croley, D. *see* Fourmun Lee 30370
Crols, J., Kinget, P., Craninckx, J., Steyaert, M. An analytical model of planar inductors on lowly doped silicon substrates for high frequency analog design up to 3 GHz 1731
Crombach, V.U., Ruf, J. Management information systems for controlling in energy supply companies 60271
Crombie, P.E. *see* Geselowitz, D.B. 37777
Cromer, C.L., Eppeldauer, G., Hardis, J.E., Larason, T.C., Ohno, Y., Parr, A.C. The NIST detector-based luminous intensity scale 17154
Cromer, C.L. *see* Larason, T.C. 17155
Crommelynck, Y. *see* Vanhoenacker, L. 9000
Cromp, R. *see* Raghavan, S. 60031
Cromp, R.F. *see* Tilton, J.C. 57068
Crone, B., Payne, A., Wagner, S. 200 μm thick encapsulated amorphous silicon solar cells 39155
Crone, G.A.E. *see* Roederer, A.G. 58248
Croneberger, D.K. License renewal for US reactors–Babcock & Wilcox Owners Group 38571
Cronenwett, S.M. *see* Patel, S.R. 42102
Cronhjort, A. *see* Sjoberg, H. 27949
Cronin, J.P. *see* Denesuk, M. 55300
Cronin, L.B. Measurement accreditation 48289
Cronin, L.B. *see* Mason, L.E. 7130
Cronin, M.F. *see* Dentinger, P.M. 32281
Cronin, M.F. *see* Lindsay, T. 42820
Cronin, N. *see* Collins, C.E. 53635
Cronin, N.J. Terahertz systems: the demands on devices 11679
Cronin, W. *see* Parsey, J.M., Jr. 12028
Cronin-Golomb, M. *see* Hemmer, P.R. 14354
Cronkite, R.A. *see* Pepper, D.M. 20963
Crook, A.C., Osowski, M.L., Smith, G.M., Frame, J., Grupen, M., DeTemple, T.A. A universal optical heterostructure for photonic integrated circuits: a case study in the AlGaAs material system 44058
Crook, D. *see* Small, M. 42721
Crooke, J.A., Hagopian, J.G. Alignment and cryogenic testing of the Cassini-Composite-Infrared Spectrometer (CIRS) far-infrared (FIR) focal plane 27116
Crookes, D. *see* Juhasz, Z. 25666
Crookes, J. Multiservice billing system: a platform for the future 35547
Crorken, A. *see* Harriott, L.R. 22700
Crorken, A. *see* Harriott, L.R. 42874
Cros, A. *see* Dolgaev, S.I. 54377
Cros, B. *see* Amiranoff, F. 17898
Cros, D. *see* Lemaire, D. 17746
Cros, D. *see* Nigon, F. 53533
Crosbie, E., Symon, K. Injection into a circular machine with a KV distribution 18036
Crosbie, E. *see* Cho, Y. 18067
Crosbie, E.A. *see* Teng, L.C. 17879
Crosbie, G.M. *see* Johnson, F. 41696
Crosby, B.J., McLeish, T., Block, H. Towards understanding ER fluids using SALS/rheometry 977
Crosetti, G. *see* Paolucci, P. 37242
Croskey, C.L. *see* Hartmann, G.K. 8419
Crosnier, Y. *see* Gaquire, C. 53594
Crosnier-Lopez, M.P. *see* Vaqueiro, P. 13427
Cross, A.D.J. *see* Wilson, R.C. 5052
Cross, A.W. *see* Cooke, S.J. 13907
Cross, B.M. Developments in "balance of systems" and protection in PV installations 60609
Cross, C.S. Rotating electrical equipment (generators driven by turbines) 38454
Cross, D.A. *see* Fritz, M.E. 49890
Cross, E. *see* Schlesinger, T.E. 37554
Cross, E. *see* van Scyoc, J.M. 37305
Cross, E.S., Buffleben, G., Soria, E., James, R., Schieber, M., Natarajan, R., Gerrish, V. The effect of elemental and hydrocarbon impurities on mercuric iodide gamma ray detector performance 37304
Cross, E.S. *see* McGregor, D.S. 37313
Cross, G. How to make the best use of translators and interpreters 39583
Cross, G.E. *see* MacGregor, I.J.D. 37365
Cross, G.H. *see* Bloor, D. 24209
Cross, J., Lopez-Lagunas, A., Buchanan, B., Carastro, L., Shih-Cheng Wang, Jokerst, N.M., Wills, S., Brooke, M., Ingram, M.A. A smart pixel bi-directional optical link using co-located emitters and detectors 36175
Cross, J.D. *see* Al-Arainy, A.A. 21009
Cross, J.D. *see* Djogo, G. 22119
Cross, J.D. *see* Djogo, G. 22120
Cross, J.D. *see* Lubicki, P. 13210
Cross, J.D. *see* Lubicki, P. 29929
Cross, J.D. *see* Lubicki, P. 51911
Cross, K. *see* Tashiro, D. 38191
Cross, L.E. *see* Carlson, W.B. 43489
Cross, L.E. *see* Chen, H.D. 54947
Cross, L.E. *see* Elissalde, C. 55007
Cross, L.E. *see* Erdei, S. 3394
Cross, L.E. *see* Erdei, S. 23479
Cross, L.E. *see* Erdei, S. 55406
Cross, L.E. *see* Galambos, L. 3393
Cross, L.E. *see* Ki-Young Oh 43504
Cross, L.E. *see* Markowski, K. 23168
Cross, L.E. *see* Sopko, J. 7525
Cross, L.E. *see* Wang, H. 2898
Cross, P., Freeman, N. The calibration of plane parallel ionisation chambers for the measurement of absorbed dose in electron beams of low to medium energies. 1. The NACP chamber 37922
Cross, R. Synergistic combinations of thermally conductive fillers in polymer matrices 319
Cross, R.W., Kim, Y.K., Oti, J.O., Russek, S.E. Magnetostatic effects in giant magnetoresistive spin-valve devices 13473
Cross, T.A., Hardingham, C.M., Huggins, C.R., Wood, S.P. GaAs solar panels for small satellites: performance data and technology trends 38000
Cross, T.A. *see* Hardingham, C. 37995
Crossland, W.A., Wilkinson, T.D. Optically transparent switching in telecommunications using ferroelectric liquid crystals over silicon VLSI circuits 36173
Crossland, W.A. *see* Choi, W.K. 33149
Crossland, W.A. *see* Collington, J.R. 33156
Crossland, W.A. *see* Dames, M.P. 26439
Crossland, W.A. *see* Dames, M.P. 35888
Crossland, W.A. *see* Mears, R.J. 3658
Crossland, W.A. *see* Perennes, F. 33159
Crossland, W.A. *see* Perennes, F. 57175
Crossland, W.A. *see* Yu, T.C.B. 23622
Crossley, M.J. *see* Reimers, J.R. 53819
Crossley, P.A. *see* Southern, E.P. 19423
Crosson, E.R., Berryman, K.W., Richman, B.A., Smith, T.I., Swent, R.L. A technique for measuring an electron beam's longitudinal phase space with sub-picosecond resolution 18012
Crostack, H.-A. *see* Schroeder, F.D. 14417
Crott, M. *see* Schoning, M.J. 13180
Crottier-Combe, S., Audisio, S., Degauque, J., Porteseil, J.L., Ferrara, E., Pasquale, M., Fiorillo, F. The magnetic properties of Fe-Si 6.5 wt% alloys obtained by a $SiCl_4$-based CVD process 38782
Crotts, R. *see* Jones, M.E. 18658
Crotts, R. *see* Jones, M.E. 49873
Crotty, G. *see* Krygowski, T. 39089
Crotty, I., Fonte, P., Lemenovski, D., Peskov, V. A new resistive plate chamber with secondary electron emitters and two dimensional microstrip readout 59276
Crotty, I. *see* Cerron Zeballos, E. 37278
Crotzchel, R. *see* Dvurechenskii, A.V. 40369
Crouch, C. *see* Tristan Chiu 48106
Crouch, C.H. *see* Livermore, C. 22422
Crouch, C.H. *see* Livermore, C. 31992
Crouch, M.A., Hilton, K.P., Bourke, M.M., Hughes, B.T., Davis, R.G. The realisation of GaInP/GaAs power HBTs 54598
Crouch, M.A. *see* Bashar, S.A. 54601
Crouch, P. *see* Shen Wang 50323
Crouch, P.E. *see* Lijuan Song 40570
Crounse, K.R., Chua, L.O. A synergetics approach to image processing in cellular neural networks 5327
Crounse, K.R. *see* Kozek, T. 35086
Crounse, K.R. *see* Lin-Bao Yang 35082
Crounse, K.R. *see* Tao Yang 35084
Crouse, J. *see* Haggerty, N.K. 51883
Crouse, M., Ramchandran, K. Joint thresholding and quantizer selection for transform image coding: entropy-constrained analysis and applications to baseline JPEG 25642
Crouse, M., Ramchandran, K. Joint thresholding and quantizer selection for block-transform based image coding with applications to baseline JPEG 35329
Crouser, P.D., Bethea, M.D., Merat, F.L. Unattenuated tracer particle extraction through time-averaged, background image subtraction with outlier rejection 36976
Croutxe-Barghorn, C., Calixto, S., Loughnot, D.J. Self-developing photopolymer for the fabrication of relief micro-optical elements 55286
Croutxe-Barghorn, C., Lougnot, D.J. Use of self-processing dry photopolymers for the generation of relief optical elements: a photochemical study 14430
Croux, C., Ruiz-Gazen, A. A fast algorithm for robust principal components based on projection pursuit 435
Crouzil, A., Massip-Pailhes, L., Castan, S. A new correlation criterion based on gradient fields similarity 5285
Crovella, M. *see* Kihong Park 57910
Crow, B., Widjaja, I., Kim, J.G., Sakai, P. Performance of IEEE 802.11 wireless local area networks 16307
Crow, D.E. *see* Jovanovic, M.M. 60858
Crow, D.R., Coker, C.F. High-fidelity phenomenology modeling of infrared emissions from missile and aircraft exhaust plumes 28517
Crow, D.R. *see* Garbo, D.L. 28512
Crow, G.C., Abram, R.A. Monte Carlo simulations of carrier transport in AlGaInP laser diodes 44575
Crow, R.W. *see* Preston, R. 17236
Crowcroft, J. Pricing the Internet 47160

Crowcroft, J. *see* Carlberg, K. 46806
Crowcroft, J. *see* Diot, C. 57613
Crowcroft, J. *see* Perkins, C. 58011
Crowder, R.M. Electrically powered actuation for civil aircraft application 59899
Crowder, R.M. *see* Sharkh, S.M.A. 61263
Crowder, S. *see* Su, L. 2793
Crowder, S.W., Griffin, P.B., Plummer, J.D. Nitridation enhanced diffusion of antimony in bulk and silicon-on-insulator material 42336
Crowder, S.W. *see* Rousseau, P.M. 22539
Crowe, C.R. Research to products [in smart materials and structures] 9996
Crowe, D., Zand, H. Novices entering mathematics. I. The impact of new technology 30058
Crowe, G. Thermal analysis and optimization of a small, high density DC power system by finite element analysis (FEA) 51313
Crowe, J.A. The wavelet transform and its application to biomedical signals 49401
Crowe, J.R. *see* Shapo, B.M. 28188
Crowe, L. *see* Liang, G. 32941
Crowe, T. *see* Wang, D.X. 18021
Crowe, T.W. *see* Hesler, J.L. 53620
Crowe, T.W. *see* Wang, D.X. 49256
Crowell, P.A., Madouri, A., Specht, M., Chaboussant, G., Mailly, D., Levy, L.P. Torsional oscillator magnetometer for high magnetic fields 7291
Crowley, C. *see* Schuller, M. 18732
Crowley, C.J. *see* Izenson, M.G. 20091
Crowley, J., Sey-Ping Sun, Clingingsmith, C., Turner, M. Strategic alliances for equipment reliability improvement in a dynamic startup environment 30187
Crowley, J.L. *see* Appenzeller, G. 5399
Crowley, J.L. *see* Schiele, B. 5348
Crowley, J.L. *see* Schiele, B. 35214
Crowley, J.V., Snelling, C., Mashtare, D. Xerographic transfer and charging by means of the piezoelectric effect 33833
Crowley, R. *see* Vardaman, E.J. 10075
Crowley, R.T. *see* Goodman, T.W. 10128
Crowley, R.T. *see* Vardaman, E.J. 1876
Crownover, R.L. *see* Mukhopadhyay, I. 44367
Crowson, A. Smart materials based on polymeric systems 955
Crowther, H.M. *see* Waterworth, T.F. 54989
Crowther, M. *see* Eberlein, A. 35549
Crowther, M. *see* Eberlein, A. 35792
Crowther, P. *see* Cave, M. 26002
Croxton, C. *see* Kennedy, A.R. 41232
Crozat, P. *see* Aniel, F. 54696
Crozat, P. *see* Boutez, C. 31533
Crozat, P. *see* Megherbi, S. 9914
Crozat, P. *see* Sylvestre, A. 54692
Crozier, J. *see* Broadbent, A.J. 43861
Crozier, J. *see* Broadbent, A.J. 55131
Crozier, J. *see* Broadbent, A.J. 55132
Crozier, S. *see* Mantha, R. 45969
Crozier, S.N. Precompensated frequency modulation (PFM) designed for $\pi/4$-shifted QPSK receivers 45524
Crucet, R. *see* Izu, M. 39180
Cruddace, R.G. *see* Seely, J.F. 24297
Cruder, O. *see* Sidhu, T.S. 38316
Cruickshank, H., Sun, Z., Velentzas, S. A proposal for security services in ATM networks 35863
Cruickshank, H. *see* Sun, Z. 47240
Cruickshank, J. *see* Harris, A.J. 27549
Cruickshank, J.L. *see* Wood, D. 27546
Cruise, R.J., Landy, C.F. Linear synchronous motor propelled hoists for mining applications 39487
Crum, R. *see* Doss, M. 59941
Crumbliss, A.L. *see* Junguo Zhao 7450
Crumbly, I., Garcia-Otero, S., Garcia-Otero, E., Hodges, J. A cooperative program increasing minorities and women in engineering 20610
Crumley, G.C., Evans, N.E. An experimental RF transponder for biomedical signal acquisition 58102
Crump, S.J. *see* Lewis, C.P. 49220
Crumpton, J.C. *see* Keusseyan, R.L. 53809
Cruse, B.G. *see* Scheidker, E.J. 28576
Crutcher, R.I., Emery, M.S., Falter, K.G., Nowlin, C.H., Rochelle, J.M., Clonts, L.G. Micro-miniature radio-frequency transmitter for communication and tracking applications 58213
Crutcher, R.I., Jones, R.W., Moore, M.R., Smith, S.F., Tolley, A.L., Rochelle, R.W. Smart repeater system for communications interoperability during multi-agency law enforcement operations 58214
Cruz, C. *see* Lima, A. 51222
Cruz, D.H. *see* Cory, G. 29126
Cruz, E.de la *see* de la Cruz, E.
Cruz, F.C., Rauner, M., Marquardt, J.H., Hollberg, L., Bergquist, J.C. An all solid-state Hg^+ optical frequency standard 48336
Cruz, F.C. *see* Miller, J.D. 27326
Cruz, F.C. *see* Wineland, D.J. 48291
Cruz, G.Gonzalez de la *see* Gonzalez de la Cruz, G.
Cruz, H. *see* Aceituno, P. 32031
Cruz, J. *see* Fantoni, A. 20035
Cruz, J. *see* Wang, P. 8639
Cruz, J.C. *see* Trujillo, H. 32374
Cruz, J.L., Diez, A., Andres, M.V., Segura, A., Ortega, B., Dong, L. Fibre Bragg gratings tuned and chirped using magnetic fields 33028
Cruz, J.L., Dong, L., Barcelos, S., Reekie, L. Fiber Bragg gratings with various chirp profiles made in etched tapers 13604
Cruz, J.L., Ortega, B., Andres, M.V., Gimeno, B., Pastor, D., Capmany, J., Dong, L. Chirped fibre Bragg gratings for phased-array antennas 45475
Cruz, J.L. *see* Dong, L. 16718
Cruz, J.L. *see* Dong, L. 23484
Cruz, J.L. *see* Pastor, D. 55228
Cruz, J.L. *see* Taverner, D. 13601
Cruz, J.R. *see* Rouphael, T. 6509
Cruz, J.R. *see* Yiping Wang 6510
Cruz, J.T. *see* Rao, H.G. 6425
Cruz, N. *see* Malaquias, J.L. 58657
Cruz, R.L. *see* Kellner, A.L. 6426
Cruz, R.L. *see* Rao, H.G. 26766
Cruz, R.L. *see* Sariowan, H. 46648
Cruz, W.de la *see* de la Cruz, W.
Cruz Martins, D., de Souza Campos, F., Barbi, I. Zeta converter with high power factor operating in continuous conduction mode 51221
Cruz Orea, A., Delgadillo, I., Vargas, H., Pidhardo, J.L., Alvarado-Gil, J.J., Miranda, L.C.M. On the use of the photoacoustic technique for the measurement of the thermomechanical properties of semiconductor two-layer systems 12361
Cruz Pol, S.L., Ruf, C.S., Keihm, S.J. Atmospheric microwave absorption parameter estimation near 22 GHz 4256
Cruz-Orea, A., Alvarado-Gil, J.J., Vargas, H., Sanchez-Sinencio, F., Macias-Santiesteban, F. Photoacoustic monitoring of the thermal expansion coefficient of amorphous silicon on glass 1968
Cruz-Orea, A. *see* Delgadillo, I. 31802
Cruz-Rivera, J. *see* Wills, D.S. 3657
Cruz-Rivera, J.L., Lacy, W.S., Will, D.S., Gaylord, T.K., Glytsis, E.N. Performance modeling of optical interconnection technologies for massively parallel processing systems 57916
Cruz-Rivera, J.L., Wills, S., Gaylord, T., Glytsis, E. Modeling the technology impact on the design of a two-level multicomputer interconnection network 1459
Cryan, M.J., Hall, P.S. Integrated active antenna with simultaneous transmit-receive operation 34432
Cryan, M.J. *see* Shepherd, P.R. 11724
Cryan, R.A. *see* Chan, H.H. 6838
Cryan, R.A. *see* Chan, H.H. 26843
Cryan, R.A. *see* Elmirghani, J.M.H. 16810
Cryan, R.A. *see* Elmirghani, J.M.H. 26772
Cryan, R.A. *see* Hussain, A. 6766
Cryan, R.A. *see* Hussain, A. 26844
Cryan, R.A. *see* Phillips, A.J. 36079
Crynes, B.L. Curriculum granularity 20604
Csapodi, M., Roska, T. Adaptive histogram equalization with cellular neural networks 35088
Csaszar, C. Polymer thick-film pressure sensor 36486
Cselenyi, I. *see* Molnar, S. 35812
Csencsits, R., Zuiker, C.D., Gruen, D.M., Krauss, A.R. Grain boundaries and grain size distributions in nanocrystalline diamond films derived from fullerene precursors 12195
Csencsits, R. *see* Foster, C.M. 40313
Csendes, A. *see* Kohari, Z. 43223
Csendes, A. *see* Szekely, V. 40823
Csenki, A. A new approach to the cumulative operational time for semi-Markov models of repairable systems 9984
Csepregi, L., Gyulai, J., Lau, S.S. The early history of solid phase epitaxial growth 21235
Cserjes, Z., Kozmann, G. New approach to the solution of the electrocardiographic inverse problem on the basis of characteristic event detection 18437
Csertan, G., Pataricza, A., Selenyi, E. Design for testability with HW-SW codesign 53196
Csete, M., Bor, Z. Plano-concave microcuvette for measuring the absorption coefficient of highly absorbing liquids 59060
Csiki, Z., Czirjaz, L., Moller, K.O., Nagy, T., Andras, C., Szegedi, G. Cutaneous microcirculation in hypoxemic patients suffering from severe cardiopulmonary disease. A laser Doppler study 37716
Csillag, F., Davidson, A., Mitchell, S., Wylie, B., Wedin, D., Peat, H., Kertesz, M. Subpixel spatio-temporal pattern analysis of remote sensing observations for predicting grassland ecological and biophysical parameters 8415
Csillag, P., Boroczky, L. Frame rate conversion based on acceleration and motion-based segmentation 15632
Csillag, P., Boroczky, L. Motion-compensated frame rate conversion using an accelerated motion model 25432
Csiszar, I., Shields, P.C. Redundancy rates for renewal and other processes 24714
Csizmazia, J. *see* Bojtor, L. 60556
Csonka, G. *see* Halasz, S. 9323
Csonka, G. *see* Halasz, S. 50897
Csonka, P.L. Optical beam-energy modulators 24372
Csoregi, E. *see* Vijayakumar, A. 48699
Csorna, S.E. *see* Sivertz, M. 37456
Ctyroky, J., Homola, J., Skalsky, M. Modelling of surface plasmon resonance waveguide sensor by complex mode expansion and propagation method 55253
Ctyroky, J. *see* Hradilova, J. 3430
Ctyroky, J. *see* Noting, H.-P. 23555
Cu Yuesen, Zheng Jie, Bao Shenghao Design of gradient coils for NMR imaging 4210
Cubbage, C. *see* Harkness, S.D., IV 43477
Cubber, A.M.De *see* De Cubber, A.M.
Cubero, J.C., Medina, J.M., Pens, O., Vila, M.A. Extensions of a resemblance relation 40044
Cubero-Castan, E. *see* Bessettes, V. 46387
Cubero-Castan, E. *see* Sery, F. 58437
Cubiotti, P., Lin, K.L., Yao, J.C. Generalized quasi-variational inequalities for fuzzy mappings 40075
Cucchiara, R., Filicori, F. The vector-gradient Hough transform for identifying straight-translation generated shapes 5404
Cucej, Z., Hiti, S. Modulation of inverter output voltages in sliding mode control of AC motors 50909
Cucej, Z. *see* Gergic, B. 61348
Cuche, Y. *see* Aubert, A.E. 28381
Cuchiaro, J.D. *see* Joshi, V. 54922
Cuchran, J., Farkas, P. Two new best [23,7,9] codes 34588
Cucinotta, F.A. *see* Wilson, J.W. 49855
Cuciurean-Zapan, C., Dougherty, E.R., Chen, Y. Behavior of adaptive digital erosions 15929
Cuciurean-Zapan, C. *see* Dougherty, E.R. 56709
Cucka, P., Netanyahu, N.S., Rosenfeld, A. Learning in navigation: goal finding in graphs 10358
Cucolo, A.M., Bacca, E., Bobba, F., Nigro, A., Prieto, P., Romano, P., Di Leo, R. Growth and tunneling spectroscopy of YBaCuO/PrBaCuO/HoBaCuO trilayers 43831
Cucurachi, S., Rizzo, A., Sarto, F., Scaglione, S., Quirini, A., Ferrara, M.C. Optical behavior and stability of ion assistance deposited antireflection coatings on polymeric substrates 3541
Cudmore, D.P. *see* Tello, L.N. 38129
Cudney, R.S., Bernasconi, P., Zgonik, M., Fousek, J., Gunter, P. Photorefractive grating fixing in $KNbO_3$ by ferroelectric domains 43480
Cudney, R.S., Garces-Chavez, V., Negrete-Regagnon, P. Analysis of ferroelectric 180°-domain structures in $BaTiO_3$ by use of second-harmonic scattering 55851
Cudney, R.S. *see* Garces Chavez, V. 14332
Cudny, W. *see* Jozwik, A. 15200
Cudzinovic, M., Sopori, B. Control of back surface reflectance from aluminum alloyed contacts on silicon solar cells 39212
Cue, N. *see* Bo-Rong Shi 42401
Cuenca Asensi, S. *see* Garcia-Chamizo, J.M. 25732
Cuerda, R.Satorre *see* Satorre Cuerda, R.
Cueva, G. *see* Mahajan, A. 43344
Cuevas, A., Stocks, A.M., Armand, S., Stuckings, M., Brakers, A., Ferrazza, F. High minority carrier lifetime in phosphorus-gettered multicrystalline silicon 41816
Cuevas, A. *see* Sinton, R.A. 39204
Cuevas, A. *see* Weber, K.J. 51577
Cugaly, P.P. *see* Gosbell, V.J. 9384
Cuglesan, I. *see* Iuga, A. 39450
Cuhaci, M., Ittipiboon, A., Petosa, A., Roscoe, D., Simons, N. Dielectric resonator antennas as an alternative technology for PCS applications 14707
Cuhaci, M. *see* Ittipiboon, A. 34344
Cuhaci, M. *see* Petosa, A. 4378
Cuhaci, M. *see* Roscoe, D.J. 34410
Cui, D.F. *see* Xia, S. 36529
Cui, H.L. *see* Wu, M.W. 12493
Cui, J.B., Fang, R.C. The influence of bias on gaseous composition and diamond growth in a hot-filament chemical vapour deposition process 10922
Cui, N., Luan, B., Bradhurst, D., Liu, H.K., Dou, S.X. Surface-modified Mg_2Ni-type negative electrode materials for Ni-MH battery 61035
Cui, Q. *see* Zheng, D.W. 32161
Cui, T.H., Zhou, Z.Y. Micro field in MEMS actuators 23075
Cui, X.T. *see* Zhang, Z.H. 12651
Cui, Y., Weng, J.J. View-based hand segmentation and hand-sequence recognition with complex backgrounds 5633
Cui, Y.D. *see* Hua Lu 2447
Cui, Z., Moody, R.A., Loader, I.M., Watson, J.G., Prewett, P.D. Optimized process for electron beam nanolithography using AZPN114 chemically amplified resist 42829
Cui, Z., Nilsson, A.A. Performance study on ATM adaptation layer 5826
Cui Chongwu *see* Yi Rongqing 28055
Cui Congwu *see* Cui Mingqi 37405
Cui Da-Fu *see* Ma Kun 40309
Cui Da-Fu *see* Da-Fu Cui
Cui Dafu *see* Dai Enguang 55011
Cui Dafu *see* Han Jinghong 36724
Cui Dafu *see* Dafu Cui
Cui De-Long *see* De-Long Cui
Cui Diantin *see* Li Xiaoxian 52322
Cui Hailin *see* Hailin Cui
Cui Haining, Xi Shiquan The fabrication of dipped CdS and sputtered ITO thin films for photovoltaic solar cells 39189
Cui Jing-Biao *see* Chen Hong 894
Cui Jingan, Wang Anding A new accurate method for fault location based on two terminal unsynchronized data [of power systems] 38451
Cui Jingbiao *see* Jingbiao Cui
Cui Mingqi, Li Gang, Cui Congwu, Tang Esheng, Yi Rongqing, Sun Kexu Absolute measurement and calculation of flux spectra from the soft X-ray

beamline of Beijing synchrotron radiation facility 37405
Cui Mingqi *see* Yi Rongqing 28055
Cui Rongqiang *see* Zhou Zhibin 21335
Cui Sanlie *see* Sun Jinghua 20222
Cui Suomin *see* Suomin Cui
Cui Xiang, Yuan Jinsha, Zhang Guoqiang, Zhang Yuanlu, Hu Qifan Analysis of leakage magnetic problems in shell-form power transformer 51081
Cui Xiang *see* Li Lin 44940
Cui Xiang *see* Xiang Cui
Cui Xiao-Ming *see* Xiao-Ming Cui
Cui Xiaotian, Wei Daozheng Test pattern generation for combinational circuits 21622
Cui Yibin *see* Yang Xuechang 1747
Cui Yiping, Cheng Ning, Zhong Yuan Photorefractive effect in a doped polymer system with a low glass transition temperature 33717
Cui Yiping *see* Yiping Cui
Cui Zheng *see* Zheng Cui
Cuijpers, G.P.J.M. *see* Tiemeijer, L.F. 16748
Cuillandre, J.-C., Mellier, Y., Dupin, J.-P., Tilloles, P., Murowinski, R., Crampton, D., Wooff, R., Luppino, G.A. Wide-field CCD imaging at CFHT: the MOCAM example 48679
Cuitino, A. *see* Ogot, M. 659
Cuitino, A.M. *see* Mc Allen, J. 660
Cuitino, A.M. *see* Mc Allen, J. 661
Cuiyun Li *see* Li Cuiyun
Cuizhu Gao *see* Gao Cuizhu
Cukalevski, N. *see* Logeay, Y. 8788
Cukauskasa, E.J., Allen, L.H. The properties of co-sputtered $YBa_2Cu_3O_7$ and CeO_2 thin films 3268
Cukr, M. *see* Svoboda, P. 42054
Cukrowski, J.A. Optimal replacement of durable equipment in heat transmission systems 52372
Culbertson, B., Smith, D. Integrating CNS/ATM applications into ATM automation systems 49962
Culbertson, R.J. *see* Sego, S. 21289
Culbertson, W.B., Amerson, R., Carter, R.J., Kuekes, P., Snider, G. Exploring architectures for volume visualization on the Teramac custom computer 28147
Culdner, Y. *see* Zanier, S. 12335
Culham, J.R. *see* Teertstra, P. 30304
Culham, J.R. *see* Teertstra, P. 52258
Culham, J.R. *see* Teertstra, P. 52290
Culik, K., II, Kari, J. Computational fractal geometry with WFA 35226
Culik, K., II, Valenta, V. Finite automata based compression of bi-level and simple color images 56843
Cull, B. *see* Hanlin Wang 24149
Cull, R.C. *see* Kusic, G.L. 18676
Cullen, J.J.A. *see* Chippington, G.R. 29811
Cullen, J.J.A. *see* Mitcham, A.J. 29803
Cullen, J.M., Keller, E. Subminiature Telemetry for multiple munition (technology transition) 8630
Cullen, J.R., Jr. *see* Green, M.A. 37081
Cullen, J.R., Jr. *see* Jia, L.X. 49162
Cullen, P. *see* Brennan, C. 47811
Cullen, P.J. *see* Moroney, D.T. 4239
Cullen, T. *see* Addison, C. 6014
Cullis, A.G. Heteroepitaxial layer morphology and misfit defect formation 2002
Cullis, A.G. *see* Steer, M.J. 32010
Cullmann, E. *see* Volkel, R. 42878
Culp, R.D., Odefey, M.L. *(editors)* Guidance and Control 1996. Vol.92. Advances in the Astronautical Sciences 39575
Culpin, I. *see* Bottermann, M. 16148
Culshaw, B. Smart structures activities worldwide 963
Culshaw, B., Pierce, S.G., Philp, W., Michie, W.C. Integrated structural evaluation–combining ultrasonics and optics 7390
Culshaw, B. *see* Ilev, I.K. 58796
Culshaw, B. *see* Jin, W. 27617
Culshaw, B. *see* Michie, C. 17400
Culshaw, B. *see* Michie, C. 17454
Culshaw, B. *see* Michie, W.C. 48953
Culshaw, B. *see* Philp, W.R. 11008
Culshaw, B. *see* Pierce, S.G. 11020
Culshaw, B. *see* Pierce, S.G. 15157
Culshaw, B. *see* Pierce, S.G. 31028
Culshaw, B. *see* Wei Jin 48632
Culver, M.W. *see* Yuan-Sheng Tyan 43900
Culver, R. *see* Farmer, M. 8286
Culver, R. *see* Sharp, J. 20483
Culver, R.S. Teaching and learning as a change process 20689
Culverhouse, D.O., Birks, T.A., Farwell, S.G., Russell, P.St.J. All-fiber 3×3 acousto-optic switch 13631
Culverhouse, D.O., Birks, T.A., Farwell, S.G., Russell, P.St.J. 3×3 all-fiber routing switch 36128
Culverhouse, D.O., Birks, T.A., Farwell, S.G., Ward, J., Russell, P.S.J. 40-MHz all-fiber acoustooptic frequency shifter 13746
Culverhouse, D.O., Laming, R.I., Farwell, S.G., Birks, T.A., Zervas, M.N. All fiber 2×2 polarization insensitive switch 44128
Culverhouse, D.O., Richardson, D.J., Birks, T.A., Russell, P.St.J. Sliding frequency Er^{3+}/Yb^{3+} soliton laser employing all-fibre acoustooptic frequency shifting/tunable filter 14012
Culverhouse, D.O., Yun, S.H., Richardson, D.J., Birks, T.A., Farwell, S.G., Russell, P.S.J. Low-loss all-fiber acousto-optic tunable filter 23648
Culverhouse, D.O. *see* Birks, T.A. 3501
Culverhouse, D.O. *see* Liu, W.F. 16682
Culverhouse, D.O. *see* Seok Hyun Yun 44129
Cumbest, J.H., Unruh, G.R. AK-255 as a drop-in replacement for CFC-113 and HCFC-141B 10041
Cuminal, M.-P., Brunet, M. A technique for measurement of pretilt angles arising from alignment layers 44089
Cuminal, Y. *see* Baranov, A.N. 14109
Cummer, S.A. An analysis of new and existing FDTD methods for isotropic cold plasma and a method for improving their accuracy 45170
Cumming, D.R.S., Davies, J.H. Electron-electron scattering in a high purity mesoscopic conductor 12379
Cumming, D.R.S., Thomas, S., Beaumont, S.P., Weaver, J.M.R. Reliable fabrication of sub-40 nm period gratings using a nanolithography system with interferometric dynamic focus control 22730
Cumming, I. *see* Vachon, P.W. 18895
Cumming, I. *see* Wei Xu 8554
Cummings, A. *see* Itoh, K.M. 1991
Cummings, K. *see* Hector, S. 32290
Cummings, K. *see* Laudon, M. 42885
Cummings, K.D., Dauksher, W.J., Johnson, W.A., Laudon, M.F., Engelstad, R. Optimization of the refractory X-ray mask fabrication sequence 32296
Cummings, K.D. *see* Laird, D.L. 32294
Cummings, S. *see* Liu, K. 12050
Cummings, S. *see* Skinner, M.I. 53846
Cummings, S. *see* Skinner, M.P. 302
Cummings, S. *see* Wells, G.T. 53857
Cummings, S.L. *see* Ida, Y. 12036
Cummings, S.L. *see* Strandjord, A.J. 12044
Cummins, T., Purcell, J. Design techniques for a PAL/NTSC mixed-signal video encoder with 66 dB SNR and 0.4% differential gain 57213
Cumps, M. Current status on EMC standards for telecommunication products 24504
Cumpson, P.J., Seah, M.P. Stability of reference masses IV: Growth of carbonaceous contamination on platinum-iridium alloy surfaces, and cleaning by UV/ozone treatment 48281
Cumpson, S.R. *see* Tandon, A. 43700
Cumpston, B.H., Jensen, K.F. Electromigration of aluminum cathodes in polymer-based electroluminescent devices 13859
Cun, J.P., Fiorina, J.N., Fraisse, M., Mabboux, H. The experience of a UPS company in advanced battery monitoring 51487
Cundiff, S.T., Knox, W.H., Nuss, M.C. Active feedforward channel equalisation for chirped pulse wavelength division multiplexing 25845
Cundiff, S.T. *see* Tsuda, S. 55905
Cuneo, M. *see* Piattelli, M. 35534
Cunff, D.Brun-Le *see* Brun-Le Cunff, D.
Cung Van-Dat *see* Van-Dat Cung
Cunha, J.P.S. *see* Cunha, M.B. 59685
Cunha, M.B., Cunha, J.P.S., Oliveira e Silva, T. SIGIF: a digital signal interchange format with application in neurophysiology 59685
Cunha Bela, M.da *see* da Cunha Bela, M.
Cunha-Vaz, J.G. *see* Domingues, J.P.P. 49493
Cunhao Zhang *see* Zhang Cunhao
Cunhong Jiang *see* Wiener, S.M. 35160
Cunin, L. *see* Hagolle, O. 18840
Cunkai Wu, Yang Zhao External ring cavity modes of semiconductor laser using photorefractive double phase-conjugate mirror 24036
Cunliffe, J., Taussig, R., Ghose, S., Guillebaud, L. Site layout and balance of plant design for an accelerator-driven materials processing complex 7683
Cunnigham, J.P. *see* Mase, K. 5969
Cunningham, B. *see* Colgan, E.G. 22434
Cunningham, D. *see* Sala, G. 38650
Cunningham, D.G. *see* Raddatz, L. 26747
Cunningham, D.G. *see* Raddatz, L. 36123
Cunningham, I.A. *see* Siewerdsen, J.H. 28252
Cunningham, I.A. *see* Westmore, M.S. 28251
Cunningham, J. European EMC and approval requirements for digital cellular telephone base stations 45215
Cunningham, J. *see* Mittleman, D.M. 3537
Cunningham, J.C. *see* Rolston, D.R. 33325
Cunningham, J.E., Pathak, R.N., Ford, J.E., Jan, W.Y., Kastalsky, A. Reflectivity from multiple quantum well modulators with contrast ratio of 22:1 at 1.55 μm 33116
Cunningham, J.E. *see* Chan, K.K. 32996
Cunningham, J.E. *see* Collins, B.C. 33447
Cunningham, J.E. *see* Goossen, K.W. 16494
Cunningham, J.E. *see* Krishnamoorthy, A.V. 33185
Cunningham, J.E. *see* Lentine, A.L. 3660
Cunningham, J.E. *see* Lentine, A.L. 33316
Cunningham, J.E. *see* Rolston, D.R. 3662
Cunningham, J.E. *see* Tsuda, S. 33404
Cunningham, J.E. *see* Tsuda, S. 55905
Cunningham, M.J., Jenkins, D.F.L., Bakush, M.M. Experimental investigation of optimum thickness of a piezoelectric element for cantilever actuation 32760
Cunningham, S. On the role of field-induced polarization in the surface electrification of insulators 13202
Cunningham, T.J. Progress in GaAs JFETs for 4-Kelvin IR readout applications 17506
Cunningham, W.C., McCormick, S.T., Queyranne, M. *(editors)* Integer Programming and Combinatorial Optimization. 5th International IPCO Conference Proceedings 33
Cuny, R.H.G. SPICE and IBIS modeling kits the basis for signal integrity analyses 41584
Cunyen Zhang *see* Zhang Cunyen
Cunzhi, L. *see* Yunpeng, L. 54573
Cunzhou Zhang *see* Zhang Cunzhou
Cuo Chang Xiu *see* Zhu Bing Lian 57145
Cuoco, G.E. *see* Luiten, A.N. 48500
Cuomo, F. *see* Baiocchi, A. 47235
Cuomo, F. *see* Blefari-Melazzi, N. 47299
Cuomo, F. *see* Carmagnola, V. 6293
Cuomo, J.J. *see* Liu, J. 22144
Cuomo, K.M., Oppenheim, A.V., Barron, R.J. Channel equalization for self-synchronizing chaotic systems 16016
Cuomo, K.M. *see* Oppenheim, A.V. 25824
Cuomo, S. *see* Migaux, M.L. 49635
Cuong Dinh, Hashimoto, T., Itoh, S. On the construction of geometrically uniform codes with L×MPSK constellations 45628
Cuperman, V. *see* Rogers, F. 45649
Cupido, L. *see* Silva, A. 7187
Cupples, E.J. *see* Walter, S.M. 56408
Curci, G. *see* Luiten, A.N. 48500
Cureton-Snead, I.E. *see* Hornstein, R.S. 28487
Curfman, L.J. *see* Bowling, M.L. 38559
Curien, D. *see* Scheurer, J.N. 59353
Curio, G. *see* Burghoff, M. 28318
Curio, G. *see* Trahms, L. 49492
Curioni, P. *see* Galtarossa, A. 3374
Curl, R.F. *see* Petrov, K.P. 18944
Curlander, J. *see* Jezek, K.C. 8322
Curley, M. *see* Darwish, A. 23771
Curley, M. *see* Noginov, M.A. 3785
Curley, P. *see* Antonetti, A. 14076
Curley, S.P., Golden, J.I. Improved test-retest reliability criteria as applied to probability assessments 30383
Curlier, P. Low cost cryocooler review for intermediate cooling temperature 17375
Curlier, P. Ultrareliable pulse tube cryocooler with a flexure bearings linear drive compressor [for IR surveillance application] 29894
Curram, S., Escott, A.E., Hurrion, R.D., Martin, A., Owens, C. Sizewell B Outage Planning Simulator 9027
Curran, F.X. *see* Gips, J. 8167
Curran, P. *see* Capucciati, M. 46991
Curran, P.J., Kupiec, J.A., Smith, G.M. Remote sensing the biochemical composition of a slash pine canopy 50233
Curran, T. *see* McGibney, J. 46878
Current, K.W., Hardaker, W.J., Parker, J.F. A design tool for the fast prototyping of analog CMOS ICs 43271
Current, K.W. *see* Parker, J.F. 11560
Current, M.I. *see* Picraux, S.T. 12702
Currie, A., Bullock, R., Young, S., Horne, A., Bungey, T. Single and multiple pass height finding interferometry from an airborne platform 60104
Currie, A. *see* Bullock, R.J. 58474
Currie, A. *see* Gebhardt, M. 60035
Currie, B. *see* Haykin, S. 16891
Currie, J. *see* L'Ecuyer, J. 37565
Currie, J.F. *see* Ciureanu, P. 3153
Currie, J.F. *see* Meunier, M. 17581
Currie, J.F. *see* Naseh, S. 13189
Currie, J.F. *see* Ouellet, L. 22611
Currie, J.F. *see* Ouellet, L. 54522
Currie, J.F. *see* Tait, R.N. 13188
Currie, J.F. *see* Yip, R.Y.-F. 33115
Currie, M. *see* Davidson, A.C. 58752
Currie, M. *see* Jacobs-Perkins, D. 58844
Currie, M. *see* Lindgren, M. 32916
Currie, M. *see* Lindgren, M. 55122
Currie, M.A. *see* Ekere, N.N. 11882
Currie, N., Demma, F., Ferris, D., McMillan, R., Wicks, M., Zyga, K. Imaging sensor fusion for concealed weapon detection 56648
Currie, N.C., Demma, F.J., Ferris, D.D., Jr., Kwasowsky, B.R., McMillan, R.W., Wicks, M.C. Infrared and millimeter-wave sensors for military special operations and law enforcement applications 18978
Curry, J. *see* Achuthan, K. 2411
Curry, J.J. *see* Long, R.L. 38541
Curry, M. *see* George, R. 50118
Curry, R.J., Stanfield, S. Meeting guided munitions testing needs with the Common Test Station (CTS) 50256
Curry, S.J. *see* Dybdal, R.B. 34421
Cursi, M. *see* Liberati, D. 49718
Curtat, L.O. Markov equilibria of stochastic games with complementarities 21045
Curtice, W.R. *see* McMorrow, D. 22888
Curtis, A. *see* Sengupta, D.K. 27579
Curtis, A.P. *see* Hartmann, Q.J. 40640
Curtis, A.P. *see* Sengupta, D.K. 48666
Curtis, A.P. *see* Sengupta, D.K. 54326
Curtis, B. *see* Gorton, D. 35666
Curtis, C.J. *see* Schulz, D.L. 30859
Curtis, C.J. *see* Schulz, D.L. 52738
Curtis, H., Marvin, D. Final results from the PASP Plus flight experiment 37984
Curtis, H.B. *see* Guidice, D.A. 18699
Curtis, H.B. *see* Ray, K.P. 51610

Curtis, J.J. *see* McDaniel, W.C. 59813
Curtis, J.O. *see* Hoffmeyer, P.D. 8695
Curtis, J.O. *see* Yi Xu 8357
Curtis, K. *see* Pu, A. 4155
Curtis, K.M. *see* Keng-Shen Hung 53478
Curtis, K.M. *see* Neil, G. 25758
Curtis, K.M. *see* Ouslim, M. 1759
Curtis, L. *see* Zah, C.E. 55630
Curtis, T. Education and training of engineers for marketing 20723
Curtis, T., Foulkes, R., Fraser, J., Petty, D. Nortel's intranet 47115
Curto, G.Lo *see* Lo Curto, G.
Cury, L.A. *see* Alves, A.R. 42205
Cury, L.A. *see* Freire, S.L.S. 22376
Cusani, R. *see* Baccarelli, E. 34608
Cusani, R. *see* Mandarini, P. 6436
Cuschieri, J.M., LeBlanc, L., Singer, M., Beaujean, P.P. Development of a 3-D forward look electronically scanned sonar system 48147
Cuschieri, J.M. *see* LeBlanc, L.R. 48028
Cusco, R. *see* Artus, L. 22413
Cushcieri, J. *see* Fumo, J.P. 48139
Cushing, M. *see* Stadterman, T.J. 38151
Cusick, T.A., Iezekiel, S., Miles, R. All-optical microwave frequency filters 15916
Cusick, T.W. A comparison of RSA and the Naccache-Stern public key cryptosystem 56279
Cusin, P. *see* Ferreira, A. 3025
Cussac, P. *see* Pousset, T. 39372
Cussac, T. *see* Hernandez, D. 6700
Cusso, F. *see* Herreros, B. 13666
Cusso, F. *see* Munoz, J.A. 44215
Custard, P. *see* Avery, J. 37988
Custer, J.S., Smith, P.M., Jones, R.V., Maverick, A.W., Roberts, D.A., Norman, J.A.T., Hochberg, A.K. Thermal metalorganic chemical vapor deposition of Ti-Si-N films for diffusion barrier applications 42258
Custer, J.S. *see* Fleming, J.G. 42261
Custer, J.S. *see* Polman, A. 31759
Custer, W. *see* Milks, J. 11848
Custodio, A.C.S., Cavalcante, G.P.S. Neural networks for estimating electrical characteristics of the surface of the Earth 45131
Custy, J. *see* Harriott, L.R. 22700
Custy, J. *see* Harriott, L.R. 42874
Cusumano, P., Marsh, J.H., Rose, M.J., Roberts, J.S. High-quality extended cavity ridge lasers fabricated by impurity-free vacancy diffusion with a novel masking technique 33534
Cusumano, S. *see* Merritt, P. 38174
Cusworth, S.D. *see* Senior, J.M. 26862
Cutchis, P.N. *see* Seegar, W.S. 36286
Cutello, C. *see* Montero, J. 52437
Cuthbert, L. *see* Miah, B. 47435
Cuthbert, M. *see* Dhalle, M. 32894
Cuthbertson, A., Decoutere, S., Deferm, L. On the optimisation of outside spacer bipolar transistors for 0.5 μm high performance mixed analog/digital BiCMOS 2849
Cuthbertson, A. *see* Simoen, E. 12893
Cuthbertson, B.D. *see* Tobar, M.E. 50242
Cutillas, S. *see* Bossis, G. 10973
Cutkosky, M.R. *see* Kane, B.J. 17258
Cutler, L. *see* Allan, D.W. 48307
Cutler, L.S. *see* Giffard, R.P. 27333
Cutler, L.S. *see* Giffard, R.P. 36364
Cutler, P.H. *see* Lerner, P. 41776
Cutler, P.H. *see* Lerner, P. 53916
Cutolo, A., Iodice, M., Spirito, P., Zeni, L. Silicon electro-optic modulator based on a three terminal device integrated in a low-loss single-mode SOI waveguide 44076
Cutolo, A. *see* Breglio, G. 3594
Cutrer, D.M., Georges, J.B., Lau, K.Y. Reduced dynamic range requirement for in-building fiber-optic wireless signal distribution using distributed antenna network 58363
Cutrera, A.M. *see* Schmidt, J.A. 23651
Cutsem, T.Van *see* Van Cutsem, T.
Cutting, J.E. How the eye measures reality and virtual reality 56664
Cuttone, G. *see* Calabretta, L. 49145
Cuttone, G. *see* Ciavola, G. 49283
Cuttone, G. *see* Finocchiaro, P. 37097
Cuttone, G. *see* Rovelli, A. 49146
Cutts, D.J. DVB conditional access 58528
Cutts, J.A. *see* Beauchamp, P.M. 59963
Cutts, R.W. *see* Rubin, S. 23441
Cuvelier, L., Vandendorpe, L. Motion estimation and compensation for CIF/SIF video sequences 46351
Cuvelier, L., Vandendorpe, L. Coding of interlaced or progressive video sources: a theoretical analysis 57023
Cuvelier, L. *see* Vandendorpe, L. 56561
Cuvillier, J. *see* Cocquerelle, J.L. 51357
Cuypers, F. *see* Heusch, C.A. 7743
Cuypers, G.P.J.M. *see* Hummel, E. 16825
Cuypers, M.H.M. *see* van Schijndel, N.H. 28357
Cuzin, M., Rossa, E. Single-shot temporal measurement of short X-ray pulses using very fast photoconductive detectors 37553
Cuzin, M. *see* Armengaud, L. 48529
Cuzin, M. *see* Gerstenmayer, J.L. 37351
Cuzin, M. *see* Ghis, A. 53081
Cuzin, M. *see* Gigot, J.-F. 37352
Cuzin, M. *see* Nail, M. 33259
Cuzner, R.M., Rao, S.C. Validation study of mathematical model for brushless, capacitor-excited single phase synchronous generator 29287
Cvercko, R. *see* Kvasnica, P. 19194
Cvetic, D. Communication through the low-voltage network 60374
Cvetkovic, S.R., Smythe, C., Walter, D., Emery, D., Procter, P. ACTION–assisting carers using telematics interventions to meet older person's needs 59818
Cvetkovic, Z. Analysis of errors in quantization of Weyl-Heisenberg frame expansions and oversampled A/D conversion 15292
Cvetkovic, Z., Vetterli, M. Overcomplete expansions and robustness 34955
Cvetkovic, Z. *see* Vetterli, M. 15307
Cvijetic, M. Performance evaluation of externally modulated high-bit-rate lightwave systems 58383
Cwienk, W. *see* Bieser, F. 59307
Cwik, T., Katz, D.S., Patterson, J. Scalable solutions to integral-equation and finite-element simulations 44864
Cwik, T. *see* Zuffada, C. 24516
Cwo-Hwa Liou *see* Chi-Yen Shen 55265
Cybulski, G., Ksiazkiewicz, A., Lukasik, W., Niewiadomski, W., Palko, T. Central hemodynamics and ECG ambulatory monitoring device with signals recording on PCMCIA flash memory cards 18194
Cycon, H.L., Li, W., Zahorian, S.A. Stop consonant classification using wavelet packet transforms and a neural network 14962
Cygan, P.J. *see* Jarvis, L.P. 61064
Cygan, S.P. Multilayer ceramic capacitors meet HF SMPS requirements 53025
Cyganski, D. *see* Hill, B.K. 6945
Cyganski, D. *see* Orr, J.A. 20476
Cygon, M. The mixture is everything: multilayer printed circuits of defined characteristic impedance 22047
Cyr, N. *see* Poulin, M. 24113
Cytenkov, V.N. *see* Makarov, A.S. 13840
Cywinski, G. *see* Kutrowski, M. 10723
Czachorski, T., Pekergin, F. Diffusion models of leaky bucket and partial buffer sharing policy: A transient analysis 35411
Czachoski, T., Fourneau, J.M., Pekergin, F. Diffusion models to study nonstationary traffic and cell loss in ATM networks 5823
Czagas, B. *see* Fuller, R. 21386
Czajkowski, J. Alerting in the global maritime distress and safety system 47879
Czajkowski, J. Identification and estimation of DC machine model parameters in steady state 60801
Czanderna, A.W., Pern, F.J. Estimating service lifetimes of a polymer encapsulant for photovoltaic modules from accelerated testing 39160
Czarczynski, W. *see* Borkowicz, Z. 41778
Czarczynski, W. *see* Znamirowski, Z. 41755
Czarnecki, A. *see* Lisowiec, A. 17167
Czarnecki, A. *see* Lisowiec, A. 27338
Czarnecki, A. *see* Wartanowicz, T. 39438
Czarnecki, C.A., Routen, T., Weistra, J. Matching images for radiotherapy verification using genetic algorithms 8096
Czarnecki, L.S. Power theory of electrical circuits with quasi-periodic waveforms of voltages and currents 28756
Czarnecki, L.S., Chen, G., Staroszczyk, Z. Application of running quantities for control of an adaptive hybrid compensator 28757
Czarnecki, L.S., Staroszczyk, Z. Dynamic on-line measurement of equivalent parameters of three-phase systems for harmonic frequencies 28887
Czarnecki, L.S. *see* Cristaldi, L. 28754
Czarnecki, M. *see* Lingsch, S. 50006
Czarnecki, P., Jajszczyk, A., Wilkosz, M. Comparison criteria for management information models (MIMs): a way of analyzing MIMs 35654
Czarnojan, W. *see* Bechtel, H. 13829
Czarnojan, W. *see* Bechtel, H. 58942
Czarnowski, J.M., Reynolds, M.E.S., Hayes, M.T., Ellis, C.D., Johnson, R.W., Palmer, M.J. Evaluation of area bonding conductive adhesives for flip chip attach of area bonded die 22098
Czarnowski, J.M. *see* Bolger, J.C. 20871
Czarnul, Z. *see* Itakura, T. 22998
Czarnul, Z. *see* MoonJae Jeong 53049
Czarnul, Z. *see* Wada, K. 11565
Czarske, J.W., Muller, H. Two-dimensional directional fiber-optic laser Doppler anemometer based on heterodyning by means of a chirp frequency modulated Nd:YAG miniature ring laser 7679
Czarske, J.W., Zellmer, H., Tuennermann, A., Welling, H., Mueller, H. Novel high-power laser Doppler anemometer using a diode-pumped fiber laser 36967
Czaszejko, T. 3-D electrical network model of water tree 43441
Czech, E. *see* Konuma, M. 10686
Czech, E. *see* Silier, I. 10773
Czech, W., Kaczmarek, S., Weisbrodt, R. DGT digital telecommunications system for rural telecommunications network 47399
Czeck, E.C. *see* Lentz, K.P. 53194
Czenszak, S.P., Krolik, J.L. Robust wideband matched-field processing with a short vertical array 36270
Czenviliska, A., Doros, M., Kolebska, K., Poljakova, I.P., Sypniewska, Z. Determination of epicardial isochrones for the diagnosis of dysrhythmia 49703
Czeranko, R., Barrios, T. Test program set software development using the rational Booch method 48345
Czerczak, A. Computer aided logic synthesis of FPGA-MB circuits 1226
Czeremuszkin, G. *see* Popovici, D. 42732
Czeremuszkin, G. *see* Wrobel, A.M. 31791
Czerepinski, P.J., Bull, D.R. Morphological segmentation based video coding employing conditional smoothing 5155
Czermak, A. *see* Weilhammer, P. 37381
Czerniak, M. *see* Balat, M. 40665
Czernin, J. *see* Yang, J. 28240
Czerwinska, A., Doros, M., Kolebska, K., Sypniewska, Z. Calculating the maps of epicardial potentials for homogeneous and nonhomogeneous models of torso using the computer simulation method 49700
Czerwinski, R.N., Jones, D.L. Adaptive short-time Fourier analysis 34760
Czirjaz, L. *see* Csiki, Z. 37716
Czochralska, I. A verification of the definiteness of a quadratic form–its canonical form 30594
Czotscher, K., Larkins, E.C., Weisser, S., Benz, W., Daleiden, J., Fleissner, J., Maier, M., Ralston, J.D., Rosenzweig, J. Uncooled high-temperature (130°C) operation of InGaAs-GaAs multiple quantum-well lasers at 20 Gb/s 55694
Czotscher, K., Weisser, S., Larkins, E.C., Fleissner, J., Ralston, J.D., Schonfelder, A., Rosenzweig, J., Esquivias, I. Structural and carrier density dependence of carrier lifetime in InGaAs/GaAs multiple-quantum-well lasers 3882
Czotscher, K. *see* Cabon, B. 58314
Czotscher, K. *see* Weisser, S. 23957
Czub, M. *see* Strupinski, W. 693
Czucha, J. Ultra fast acting current limiting devices 19405
Czuni, L. *see* Sziranyi, T. 15544
Czylwik, A. *see* Kadel, G. 58196
Czyrny, J.J., Lawrence, J. The importance of paraspinal muscle EMG in cervical and lumbosacral radiculopathy: review of 100 cases 49582
Czyz, Z., Sosnowski, M., Petelenz, T., Leski, J., Kozakiewicz, K., Tendera, M. Loss of frequency modulation of RT variability in patients with chest pain and normal coronary arteriograms 49637
Czyz, Z. *see* Sosnowski, M. 49685
Czyzak, S. *see* Hasson, V. 6977
Czyzak, S. *see* Kovacs, M. 8676
Czyzewski, A. Mining knowledge in noisy audio data 7114

Da Bormida, G., Ponta, D., Donzellini, G. Learning environment for digital electronics 20567
Da Bormida, G. *see* Ponta, D. 20671
Da Costa, A. *see* Xie, W.X. 24284
da Costa, G.R.M. Optimal reactive dispatch through primal-dual method 60296
da Costa, J.A.P. *see* Mendes, E.A. 41979
da Cunha Bela, M. *see* Hakiki, N.E. 12521
da F. Costa, L. *see* Antoine, J.-P. 56778
Da Feng Weng, Yuvarajan, S. A novel full-bridge zero-voltage-transition PWM DC/DC converter using a saturable core reactor 38825
da Fontoura Costa, L. Small camera movements as a means of reducing the amount of broken and false detected lines in Hough transform 46298
da Fontoura Costa, L. *see* Cesar, R.M., Jr. 5288
da Frota Mattos, M.A., Biagioni, P.H., Bassi, W. Electric field measurement on time domain generated by corona on insulators on distribution systems 8939
da Jornada, J.A.H. *see* Hinrichs, R. 36835
Da Loura, G. *see* Jourdan, A. 26441
Da Re, A. *see* Bacchetta, N. 59289
Da Rocha, C.S. An investigation of the scattering of surface waves at dielectric slab waveguide with axial discontinuity 45303
Da Rocha, C.S. *see* Neto, A.G. 45301
Da Rold, M. *see* Bacchetta, N. 59289
Da Rold, M. *see* Bisello, D. 7813
Da Rold, M. *see* Candelori, A. 59290
da Silva, A.Ferreira *see* Ferreira da Silva, A.
da Silva, A.M.Leite *see* Leite da Silva, A.M.
da Silva, A.P.A. *see* Arango, H.G. 28847
da Silva, A.P.A. *see* Lambert-Torres, G. 28792
da Silva, A.P.Alves *see* Alves da Silva, A.P.
Da Silva, C.A. *see* Mandelis, A. 42145
da Silva, E.A.B. *see* Rodrigues, M.A.M. 25533
da Silva, E.R.C. *see* Jacobina, C.B. 29324
da Silva, G.J.F.T. *see* de B. Oliveria-Neto, L. 13930
da Silva, H.J.A. *see* Melo, A.G. 6684
da Silva, J.M., Matos, J.S., Bell, I.M., Taylor, G.E. Mixed current/voltage observation towards effective testing of analog and mixed-signal circuits 21822
da Silva, J.Machado *see* Machado da Silva, J.
da Silva, J.Schwartz *see* Schwartz da Silva, J.

Da Silva, L.B. *see* Nilsen, J. 33358
da Silva, L.Costa *see* Costa da Silva, L.
da Silva, L.E.B. *see* Lambert-Torres, G. 28792
da Silva, M.F. *see* Herreros, B. 13638
Da Silva, M.F. *see* Herreros, B. 13666
da Silva, M.F. *see* Sochinskii, N.V. 40389
da Silva, P.A., Jr. *see* Martins, D.C. 51320
Da Tong Han *see* Han Zhou 46637
Da Via, C. *see* Amendolia, S.R. 37346
Da Via, C. *see* D'Auria, S. 59251
Da Via, C. *see* Rogalla, M. 32358
Da Villa, F., Panizzolo, R. An empirical study of the adoption and implementation of advanced technologies in the Italian public sector 9936
da Vitoria Lobo, N. *see* Kocak, D.M. 50162
Da Wan *see* Wan Da
Da Yao *see* Yao Da
Da Zheng Zhou *see* Zhou Da Zheng
Da Zhi Sun, Xian Lin Dong, Yong Ling Wang Electromechanical coupling in PHZT and PLZT ceramic materials near the F-AF phase boundary 2900
Da-Cai Mu *see* Hui-Yun Wang 1570
Da-Cheng Li *see* Yong-Jun Wu 33781
Da-Fu Cui, Hui-Sheng Wang, Zheng-Hao Chen, Yue-Liang Zhou, Hui-Bin Lu, Guo-Zhen Yang, Kun Ma, Hong Chen, Lin Li, Wei Liu, Yun Zhang Crystallographic and microstructural studies of $BaTiO_3$ thin films grown on $SrTiO_3$ by laser molecular beam epitaxy 32679
Da-Fu Cui *see* Cui Da-Fu
Da-Guang Liu *see* Phanilatha, V. 292
Da-Jin Wu *see* Wu Da-Jin
Da-Ming Chen *see* Chen Da-Ming
Da-Peng Yan, Feng Liu, Zhen-Dang Wang, An-Zhi He Moire tomography by ART 35241
Da-Te, T. *see* Shioya, H. 45498
Da-Yin Liao, Shi-Chung Chang, Kuo-Wei Pei, Chi-Ming Chang Daily scheduling for R&D semiconductor fabrication 153
Da-Yuan Shih Effect of polyimide processing on multichip glass ceramic module fabrications 1859
Da-Yuan Shih Effect of polyimide processing on multichip glass ceramic module fabrications 41708
Daadbin, A. Application of acoustic emission technique to backlash diagnosis in industrial robots 45897
Daalhuis, A.B.Olde *see* Olde Daalhuis, A.B.
Daan van Wyk, J. *see* Redl, R. 60925
Dab, W. *see* Anderson, L.E. 38257
Dabak, A., Kiasaleh, K. Integrated voice and video network using variable rate CDMA 6625
Dabak, A.G. Reduced gain spread ALOHA for PCS 47635
Dabbagh, G. *see* Barrettt, S.E. 2194
Dabbagh, G. *see* Nalamasu, O. 42826
Dabbene, A. *see* Tofanelli, A. 26393
Dabbous, W. *see* Diot, C. 57613
Dabbous, W., Diot, C. *(editors)* Protocols for High-Speed Networks V. TC6 WG6.1/6.4 Fifth International Workshop on Protocols for High-Speed Networks (PfHSN '96) 37
Dabbousi, B.O. *see* Rodriguez-Viejo, J. 54089
Dabek, A. *see* Topper, M. 53855
Daben Yang *see* Yadong Jiang 52857
Daberkow, I., Hermann, K.-H., Liu, L., Rau, W.D., Tietz, H. Development and performance of a fast fibre-plate coupled CCD camera at medium energy and image processing system for electron holography 36670
Dabiran, A.M. *see* Held, R. 52724
Dabis, H., Palmer, P., Kittler, J. An interest operator based on perceptual grouping 15728
Dabkowski, F.P. *see* Rommel, J.M. 3853
Dablemont, R.C. *see* Hickernell, F.S. 13384
Dabney, P.W. *see* Russell, C.A. 8298
Daboo, C. *see* Adeyeye, A.O. 43616
d'Aboville, A. Multimedia–a progress report 58005
Dabral, S. *see* Maloney, T.J. 21479
Dabral, S. *see* Yang, G.-R. 12586
Dabral, S. *see* Yang, G.-R. 32212
d'Abreu, M. *see* Karthik, S. 40778
Dabrowski, A. *see* Cesareo, R. 37562
Dabrowski, B. *see* Shiloh, M. 32898
Dabrowski, M. *see* Gorecka, B. 49437
Dabrowski, P. *see* Grzesiak, L.M. 60731
Dabrowski, R. *see* Bezborodov, V.S. 13718
Dabrowski, R. *see* Kohns, P. 13719
Dabrowski, W. Development of readout chips for the ATLAS semiconductor tracker 37507
Dabrowski, W. Readout electronics for the ATLAS semiconductor tracker 59319
Dabrowski, W., Grybos, P., Idzik, M. Study of spatial resolution and efficiency of silicon strip detectors with charge division readout 37388
Dabrowski, W. *see* Anghinolfi, F. 59312
Dabrowski, W. *see* DeWitt, J. 59243
Dabrowski, W. *see* Sadrozinski, H.F.W. 37399
Dabrowski, W. *see* Weilhammer, P. 37429
Dabrowski, W.J. *see* Adamiak, K. 36673
Dabu, R., Fenic, C., Stratan, A., Muscalu, L. Estimation of the efficiency of harmonic generation in nonlinear crystals with 1064 nm Gaussian laser pulses 24155
Dacheng Li *see* Jinjin Li 36915
Dacheng Lu *see* Lu Dacheng
Dachraoui, M. *see* Meherzi-Maghraoui, H. 30867
Dachs, C. *see* Allenspach, M. 22866
Dachs, C. *see* Johnson, G.H. 22867
Dachs, C. *see* Sudre, C. 54581
Dachwitz, S. *see* Evertsz, C.J.G. 49449
Dacombe, L.R. *see* Ng, K.W. 16202
DaCosta, D.H. *see* Golben, M. 61033
Dacquino, G.F. *see* Fiorini, R.A. 49713
Dacre, B., Aoun, W.G.A. Effects of fuel components on the performance of conductivity improvers in hydrocarbons 50693
Dacruz, C.P. *see* Joshi, V. 54922
Dadabhai, F., Gaspari, F., Zukotynski, S., Bland, C. Reduction of silicon dioxide by aluminum in metal-oxide-semiconductor structures 2271
Dadap, J.I., Hu, X.F., Anderson, M.H., ter Beek, M., Aktsipetrov, O.A., Russell, N.M., Ekerdt, J.G., Downer, M.C. Applications of fs lasers to nonlinear spectroscopy and process control of Si(001) interfaces 24259
Dadda, L., Piuri, V., Salice, F. The quasi-Booth multiplier 21618
Dadda, L. *see* Breveglieri, L. 21737
D'Addio, G.F. *see* Cosulich, G. 39917
Dadgar, A., Koehne, L., Hyeon, J.Y., Grundemann, T., Stenzel, O., Strassburg, M., Kuttler, M., Heitz, R., Bimberg, D., Schumann, H. 4d- and 5d-transition metal acceptor doping of InP 42373
Dadi, S., Paul, R., Michael, W. The step-wise poling of VDF/TrFe copolymers 54868
Dading Huang *see* Huang Dading
Dadkhah, M. *see* Motamedi, M.E. 54856
Dado, S. Limitations of the metrological properties of measurement system caused by sensors 48274
Dadoenkova, N.N. *see* Borisov, S.B. 44187
Daduna, H. The cycle time distribution in a cycle of Bernoulli servers in discrete time 10253
Dae, M.W. *see* Ellis, W.S. 18476
Dae, M.W. *see* Wagner, M.B. 49733
Dae Choi Bong *see* Bong Dae Choi
Dae Hee Youn *see* Ki Seung Lee 56981
Dae Hee Youn *see* Yong Soo Choi 15056
Dae Ik Kim, Sung Hwan Bae, Sang Tae Lee, Chang Ki Lee, Byoung Sil Chon A study on behavioral analysis and efficient test algorithm for memory with resistive short and open defects 11446
Dae Keun Kim *see* Moon Jung Kim 44315
Dae Kon Oh *see* Beom-hoan O 23977
Dae Kon Oh *see* Beom-Hoan O 24016
Dae Kon Oh *see* Chongdae Park 23906
Dae Park Jong *see* Jong Dae Park
Dae Sik Hong *see* Jae Hee Cho 3203
Dae Suh Jeong *see* Jeong Dae Suh
Dae Sung Yoon *see* Junmo Koo 52745
Dae Wook Kim, Sang Kyoon Kim, Hang Joon Kim An extraction method of a car license plate using a distributed genetic algorithm 57040
Dae Wook Kim *see* Sang Kyoon Kim 57308
Dae Young Kim *see* Sung Ho Lim 5721
Dae Young Kim *see* Yong Ho Kim 56451
Dae-Gyu Moon *see* Jae-Ik Woo 12981
Dae-Gyu Park, Diatezua, D.M., Zhi Chen, Mohammad, S.N., Morkoc, H. Characteristics of Si_3N_4/Si/n-GaAs metal-insulator-semiconductor interfaces grown on GaAs(111)B substrate 2278
Dae-Gyu Park, Ding Li, Meng Tao, Zhifang Fan, Botchkarev, A.E., Mohammad, S.N., Morkoc, H. Si_3N_4/Si/$In_{0.05}Ga_{0.95}As$/n-GaAs metal-insulator-semiconductor devices 32392
Dae-Gyu Park, Mohammad, S.N., Zhi Chen, Morkoc, H. Metal-insulator-semiconductor structure on GaAs using pseudomorphic Si/GaP interlayer 42329
Dae-Gyu Park *see* Zhi Chen 22463
Dae-Hee Lee *see* Tae-Wan Kim 50751
Dae-Hee Park *see* Dong-Young Yi 13289
Dae-Hee Youn *see* Ki-Seung Lee 57172
Dae-Hee Youn *see* Youn Dae-Hee
Dae-Ho Kim *see* Hyung-Rae Park 6612
Dae-Hyuk Kwon, Byung-Woog Cho, Chang-Soo Kim, Byung-Ki Sohn Effects of heat treatment on Ta_2O_5 sensing membrane for low drift and high sensitivity pH-ISFET 27458
Dae-Il Oh, Sun-Young Hwang Design of a Viterbi decoder with low power using minimum-transition traceback scheme 4523
Dae-Im Kang, Byoung-Duk Lim Determination of the averaging time for precision calibration of a build-up system in a deadweight force machine 58617
Dae-Kaen Kim *see* Jau-Wen Chen 7332
Dae-Sik Hong *see* Jae-Hee Cho 3205
Dae-Sik Hong *see* Young-Hwan Kim 55057
Dae-Sik Jang, Gye-Young Kim, Hyung Il Choi Model-based tracking of moving object 25178
Dae-Sik Kim, Arisawa, M., Morimoto, A., Kobayashi, T. Femtosecond optical pulse generation using quasi-velocity-matched electrooptic phase modulator 55508
Dae-Sik Lee *see* Kyeong-Hwa Kim 38708
Dae-Sik Lee *see* Seog-Hwan Yoo 41284
Dae-Soon Kang *see* Kwang-Seong Choi 54682
Dae-Sub Jung *see* Hoon-Gee Yang 57397
Dae-Sun Oh, Won-Young Yang, Yong-Soo Cho A convergence analysis of a PLL for a digital recording channel with an adaptive partial response equalizer 3202
Dae-Woo Choi, Dan Keun Sung Enhanced RAMA protocol for future wireless communications 5874
Dae-Woo Kim *see* Seung-Joo Lee 19952
Dae-Woong Chung, Joohn-Sheok Kim, Seung-Ki Sul Unified voltage modulation technique for real time three-phase power conversion 29448
Dae-Woong Chung, Seung-Ki Sul, Dong-Choon Lee Analysis and compensation of current measurement error in vector controlled AC motor drives 29718
Dae-Woong Chung *see* Dong-Choon Lee 51660
Dae-Yong Sung *see* Young-Soo Seo 20136
Dae-Young Kim *see* Moon-Kyun Oh 57577
Dae-Young Ma *see* Ki-Cheol Park 12258
Daehler, M. *see* Hartmann, G.K. 8419
Daehn, W. *see* Jorczyk, U. 53106
Daehne, L. *see* Johr, T. 24210
DaeHun Nyang, JooSeok Song Fast digital signature scheme based on the quadratic residue problem 34548
Daein Jeong *see* Chao, H.J. 5740
Daele, M.Van *see* Van Daele, M.
Daele, P.Van *see* Van Daele, P.
Daemen, L.L. *see* Lee, S.K. 7713
Daemi, M.F. *see* Dehmeshki, J. 60095
Daemi, M.F. *see* Ghali, A. 35124
Daeryong Lee, Seongjoon Baek, Koengmo Sung Modified K-means algorithm for vector quantizer design 24661
Daeseok Rho, Kita, H., Nishiya, K., Hasegawa, J. Voltage regulation methods based on an extended approach and neural networks for distribution systems interconnected with dispersed storage and generation systems 60371
Daeyoung Kim *see* Sunmoo Kang 46781
Dafang Zheng *see* Zheng Dafang
Dafeng Yang, Zenios, S.A. A scalable parallel interior point algorithm for stochastic linear programming and robust optimization 30540
Dafinei, A. *see* Craciun, G. 41897
Dafinei, I. *see* Alexeev, G. 59200
Dafinei, I. *see* Auffray, E. 18084
Dafinei, I. *see* Auffray, E. 37281
Daftari, D. *see* Yuan-Shin Lee 5535
Daftari, I.K., Renner, T.R., Verhey, L.J., Singh, R.P., Nyman, M., Petti, P.L., Castro, J.R. New UCSF proton ocular beam facility at the Crocker Nuclear Laboratory Cyclotron (UC Davis) 18503
Dafu Cui *see* Jie Zhang 30808
Dafu Cui *see* Xinhui Zhang 2184
Dafu Cui *see* Cui Dafu
Dag, H., Alvarado, F.L. Computation-free preconditioners for the parallel solution of power system problems 60212
Dag, T., Stavrakakis, I. Study of impact of network and source time scales on feedback-based congestion control 16043
Daga, J.M., Turgis, S., Auvergne, D. Inverter delay modelling for submicrometre CMOS process 1221
Dagan, W.J., Pal Kalra, S. Outage Risk Assessment and Management (ORAM) a computerized tool to help manage plant and equipment outages 38486
Dagang Fang *see* Suomin Cui 48052
Dagarin, B.P., Taenaka, R.K., Stofel, E.J. Galileo Probe battery system [space power] 18728
Dagel, D. *see* Atluri, V. 12736
Dagenais, M. *see* Heim, P.J.S. 6791
Dagenais, M. *see* Johnson, F.G. 55712
Dagenais, M. *see* Merritt, S.A. 55711
Dagenais, M. *see* Porkolab, G.A. 22565
Dagenais, M. *see* Porkolab, G.A. 44247
Dagenais, M. *see* Vusirikala, V. 3389
Dagenais, M. *see* Vusirikala, V. 16679
Dagenais, M. *see* Wenhua Lin 6721
Dagenais, M. *see* Wilson, S.W. 54428
Dagenais, M. *see* Wenhua Lin 26722
Dagenhart, J.B. *see* Clapp, A.L. 50605
Dagenhart, J.B. *see* Landinger, C.C. 50606
Dagens, B., Balsamo, S., Montrosset, I. Dynamical simulation of flared semiconductor amplifiers for repetitive picosecond pulse amplification 55645
Dagge, K. Electromigration damage studied by 1/f noise 42767
Daghestani, S.F. *see* Sullivan, W.G. 20485
Daghighian, F. *see* Pentlow, K.S. 7909
Dagless, E.L. *see* Wrzyszcz, A. 11296
Dagli, C.H. *see* Enke, D. 14960
Dagli, C.H. *see* Moganti, M. 53753
Dagli, C.H., Akay, M., Chen, C.L.P., Fernandez, B.R., Ghosh, J. *(editors)* Intelligent Engineering Systems Through Artificial Neural Networks. Vol.5. Fuzzy Logic and Evolutionary Programming. Proceedings of the Artificial Neural Networks in Engineering (ANNIE'95) 9788
Dagnall, G. *see* Bicknell-Tassius, R.N. 21231
Dagnall, G. *see* Lee, K.K. 21302
Dagnino, C., Lamberti, P. Numerical evaluation of Cauchy principal value integrals based on local spline approximation operators 10550
Dagnino, S. *see* Alessandri, A. 60730
D'Agostino, S. *see* Paoloni, C. 11726
D'Agostino, S. *see* Paoloni, C. 21973
Dagpunar, J.S. A maintenance model with opportunities and interrupt replacement options 363
Dague, P. *see* Bibas, S. 5978
Dague, P. *see* Bibas, S. 57905
d'Aguerre, P.Bourdeau *see* Bourdeau d'Aguerre, P.
Dagues, B., Fadel, M., Roboam, X., Azema, P. POST simulation software: study and teaching of digital control of static converter/electrical machine assemblies 61177
Dagues, B. *see* Saoud, S.B. 9185
Dagues, B. *see* Saoud, S.B. 60650
Daguet, C. *see* Silvestre, L. 52645
Dagys, M., Kancleris, Z., Orsevski, V., Simniskis, R. High power microwave pulse measurement using resistive sensors 27864

Dah-Chuan Chiou *see* Hsiao-Lung Chan 27584
Dah-Chung Chang *see* Wen-Rong Wu 4755
Dahai Cheng, Hong Yan Recognition of broken and noisy handwritten characters using statistical methods based on a broken-character-mending algorithm 57408
Dahai Ren *see* Ren Dahai
Dahalu, D. *see* Soibel, A. 42214
Dahe Liu *see* Liu Dahe
Daher, N. On the foundations of continuum physics including electromagnetic interactions and interfacial properties 22299
Daher, S., Silva, R., Antunes, F. Multilevel current source inverter–the switching control strategy for high power application 51149
Dahhaghchi, I., Christie, R.D., Rosenwald, G.W., Chen-Ching Liu AI application areas in power systems 38261
Dahint, R., Seigel, R.R., Harder, P., Grunze, M., Josse, F. Detection of non-specific protein adsorption at artificial surfaces by the use of acoustic plate mode sensors 36727
Dahl, A. *see* Rabinkin, D.V. 21704
Dahl, A.O. *see* Lideen, J. 53766
Dahl, C. *see* Perez, F. 12390
Dahl, L. *see* Barth, W. 37120
Dahl, P. *see* Judge, J. 8513
Dahl, P.F. *see* Scanlan, R.M. 13516
Dahl, P.F. *see* Scanlan, R.M. 37053
Dahlberg, E.D. *see* Miller, B.H. 13415
Dahlberg, E.D. *see* Moran, T.J. 48847
Dahlbom, M. *see* Yang, J. 28240
Dahlen, N.J., Caylor, T.L., Goldner, E.L. Tightly coupled IFOG-based GPS guidance package 48168
Dahlen, N.J. *see* Patterson, R.A. 27615
Dahler, P., Northe, J., Lonard, D. Performance of static converters feeding railway power supply networks 9668
Dahler, P. *see* Boeck, R. 20175
Dahlin, B.B. *see* Allison, W.W.M. 37269
Dahlin, H. *see* Jung, B. 28424
Dahlin, M.J., Hoffman, A.W., West, J.L., West, R., Santana, J., Ortega, S., Byers, S., Thiede, D., Bailey, S., Herrin, E., Levy, M., Parlato, R., Maassen, N. Development of high speed IR sensor chip technologies 18931
Dahlke, S., Dahmen, W., Hochmuth, R., Schneider, R. Stable multiscale bases and local error estimation for elliptic problems 40130
Dahlmeyer, D. Traffic control and traffic monitoring in ATM networks 16054
Dahlmeyer, D. Measurements on DWDM multiplexers 16483
Dahlmeyer, D. Light beam: measuring process for determining characteristics of erbium doped glass fiber light amplifiers 23817
Dahlskog, L. *see* De Maertelaere, L. 11860
Dahlstrom, A.B. *see* Belichenko, P.V. 28246
Dahm, T., Scalapino, D.J. Theory of microwave intermodulation in a high-T_c superconducting microstrip resonator 23425
Dahm, T., Scalapino, D.J. Theory of intermodulation in a superconducting microstrip resonator 32958
Dahmen, H.-Ch., Glaser, U., Vierhaus, H.T. Automatic test pattern generation with optimal load balancing 21446
Dahmen, N. *see* Wesch, A. 7526
Dahmen, W. *see* Dahlke, S. 40130
Dahms, U., Haage, B., Gruber, H., Wernicke, G., Demoli, N. Characterization of a LCTV used as spatial light modulator in a joint transform correlator for cuneiform sign recognition 55325
Dahms, U. *see* Demoli, N. 4987
Dahn, J.R. *see* Gao, Y. 29596
Dahn, J.R. *see* Xing, W. 19958
Dahn, J.R. *see* Xing Weibing 61039
Dahono, P.A. *see* Kataoka, T. 51185
Dahono, P.A. *see* Kataoka, T. 51355
Dahringer, D. *see* Goossen, K.W. 16494
Dahringer, D. *see* Lentine, A.L. 33316
Dahringer, D.W. *see* Lentine, A.L. 3660
Dahringer, D.W. *see* Lyons, A.M. 11781
Dahsiung Hsu *see* Hsu Dahsiung
Dai, C. *see* Massengale, A.R. 1712
Dai, C.-M. Lithographic performance at sub-quarter micron using DUV stepper with off-axis illumination technology 2505
Dai, C.-M., Lin, C.-L., Tai, S.-T., Lamb, J.E., III., Iida, M. Post exposure baking temperature effect on resist profile with bottom anti-reflective coating 2469
Dai, C.-M. *see* Lin, C.-L. 2530
Dai, F.F., Gu, C. Extended reference method for cross-talk noise reduction in photorefractive holographic data storage 23450
Dai, G.-M. *see* Snyder, D.L. 15940
Dai, H., Pan, J.-Y., Lin, C. Link-budget optimization in multichannel AM-VSB/QAM lightwave video trunking system with erbium-doped fiber amplifiers 16772
Dai, H. *see* Lin, B.C. 6860
Dai, H.L. *see* Li, C.M. 1980
Dai, J., Zhou, S. Computer aid pseudo-coloring coding of grey image: complementary coloring coding technique 15794
Dai, J.G. *see* Banks, J. 39992
Dai, L. Performance bounds for high-speed communications systems 35490
Dai, M., Buchinger, E., Lee, J.K.P., Dautet, H. Time resolved annealing studies of single neutron irradiated avalanche photodiodes 23681
Dai, N. *see* Shum, K. 12363
Dai, P. *see* Bogdanovich, S. 41876
Dai, R., Young, C.T. Theory and sensing applications of a long antenna on layered media 34272
Dai, S., Elsherbeni, A.Z., Smith, C.E. Nonuniform FDTD formulation for the analysis and reduction of crosstalk on coupled microstrip lines 34154
Dai, W.W.-M. *see* Isshiki, T. 21573
Dai, W.W.-M. *see* Kang, M. 40805
Dai, W.W.-M. *see* Man-Fai Yu 13088
Dai, W.W.-M. *see* Wang, J.S.-H. 45284
Dai, W.W.-M. *see* Weikai Sun 39808
Dai, W.W.-M. *see* Xi, J.G. 11546
Dai, W.Wei-Ming *see* Wei-Ming Dai, W.
Dai, X. *see* Ngo, N.Q. 3995
Dai, X.M., Tang, Y.H. A simple general analytical solution for the quantum efficiency of front-surface-field solar cells 9548
Dai, Y., Rothwell, E.J., Chen, K.M., Nyquist, D.P. Bistatic time-domain imaging of radar targets using short-pulse radars and algorithms for reconstruction from projections 36235
Dai, Y. *see* Barette, J. 59207
Dai, Y. *see* Rothwell, E.J. 28706
Dai, Y.T., Chang, Y.H., Lee, T.F., Chen, Y.F., Fang, F.F., Wang, W.I. Optically detected cyclotron resonance studies of multisubband $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As$ quantum wells 12446
Dai, Y.T., Chen, Y.F., Lo, I. Effects of band offset and nonparabolicity on the effective mass of two-dimensional electron gases in modulation-δ-doped $Ga_{0.47}In_{0.53}As$-based heterostructures 42091
Dai, Z. *see* Yoshida, K. 61258
Dai Bautong *see* Tseng Weitsu 43419
Dai Changhong *see* Changhong Dai
Dai Chien-Yun *see* Chien-Yun Dai
Dai Do, X. *see* Marceau, R.J. 38211
Dai Enguang, Feng Guanping, He Zhenhua, Cui Dafu Organic vapor sensors based on SAW resonator and organic films 55011
Dai Fei *see* Cai Xiang 50395
Dai Fulong *see* Shi Ling 52917
Dai Fulong *see* Fulong Dai
Dai Guangxi *see* Duan Limin 18082
Dai Heping *see* Sun Yuanzhang 19113
Dai Heping *see* Heping Dai
Dai Honghua *see* Honghua Dai
Dai Hongwei *see* Lin Jikeng 50315
Dai Hongwei *see* Yu Yixin 28732
Dai Hongxing *see* Hongxing Dai
Dai Hyun Kim *see* Kostrzewski, A. 44311
Dai Jian-Hua *see* Jian-Hua Dai
Dai Jun *see* Wang Xiaohong 28742
Dai Lu *see* Xu Zhongyou 53308
Dai Lu *see* Lu Dai
Dai Ning *see* Ning Dai
Dai Ruwei *see* Liu Chengjun 57132
Dai Shiliang, Li Fangze, Ji Chunliang, Zeng Daowen, Xu Yuchao Study on vibration isolation factors of turbogenerator's stator base 50874
Dai Shiliang, Shen Chengwu, Shen Yanchun, Wang Fangzi Analysis of the human vibration response by artificial neural networks 49373
Dai Shusun *see* Zheng Qigong 36227
Dai Wayne Wei-Ming *see* Wayne Wei-Ming Dai
Dai Wei Wen *see* Li Zhong Qiang 57501
Dai Weihui, Sun Yuou Quality analysis of image reconstruction from projections based on visual cognition psychological properties 57385
Dai Wenmin, He Jiajie, Ye Minjun, Yin Hong Fractal structure of core loss spectrum of high permeability soft magnetic alloy 1J79 23375
Dai Xianxi *see* Ma Guicun 43792
Dai Xiaolong *see* Xiaolong Dai
Dai Ximao A calculation method of high current ion optics 55978
Dai Yang *see* Yang Dai
Dai Yingjun *see* Liu Guoyun 28864
Dai Yisong *see* Shi Yaowu 15312
Dai Yisong *see* Yisong Dai
Dai Yongrong *see* Luo Yusun 38225
Dai Zheng *see* Zheng Dai
Dai-Il Kim *see* Sung-Hun Oh 50701
Dai-Ning Fang *see* Xi Chen 52862
Daibo, M. *see* Hasegawa, T. 39733
Daida, J.M., Bersano-Begey, T.F., Ross, S.J., Vesecky, J.F. Evolving feature-extraction algorithms: adapting genetic programming for image analysis in geoscience and remote sensing 8369
Daida, J.M., Bersano-Begey, T.F., Ross, S.J., Vesecky, J.F. Computer-assisted design of image classification algorithms: Dynamic and static fitness evaluations in a scaffolded genetic programming environment 60021
Daida, J.M., Bertram, R.R., Lyzenga, D.R., Wolf, C., Walker, D.T., Stanhope, S.A., Meadows, G.A., Vesecky, J.F., Lund, D.E. Measuring small-scale water surface waves: nonlinear interpolation and integration techniques for slope-image data 18891
Daida, J.M., Onstott, R.G., Bersano-Begey, T.F., Ross, S.J., Vesecky, J.F. Ice roughness classification and ERS SAR imagery of Arctic sea ice: evaluation of feature-extraction algorithms by genetic programming 8484
Daido, A.H. *see* Sharma, L.B. 14341
Daido, H. *see* Sharma, L.B. 33460
Daido, H. *see* Zhang, T. 3973
Daie Koozehkanani, Z., Mehta, P., Darwish, M. An active filter for retrofit applications 8725
Daigle, J.N. *see* Ai, L. 47762
Daigle, K., Powell, R. Manufacturing scrap reduction team 39724
Daigle, L.L., Newell, S. Intelligent agent structures for the Internet 26138
Daigneault, G. *see* Brailovski, V. 51438
Daigo, M. *see* Unno, Y. 37395
Daigremont, Ph. *see* de Lassus, H. 17017
Daihee Park *see* Dong Hoon Lee 56463
Daik, R. *see* Cacialli, F. 13872
Daikoku, A. *see* Kifuku, T. 9702
Daillant, G., Micollet, D., Paindavoine, M. Automatic defects detection 39856
Daillant, G., Micollet, D., Paindavoine, M. Defects in a weld: a complete radiographies processing line 46139
Daiminger, F. *see* Nappi, J. 55671
Daiminger, F.X. *see* Dorsch, F. 55790
Daiminger, F.X. *see* Tomm, J.W. 44443
Dain, L.le *see* le Dain, L.
Dainelli, A., Bassato, G., Battistella, A., Bellato, M., Beltramin, A., Bertazzo, L., Bezzon, G., Bisoffi, G., Boscagli, L., Canella, S., Carlucci, D., Cervellera, F., Chiurlotto, F., Contran, T., de Lazzari, M., Facco, A., Favaron, P., Fortuna, G., Gustafsson, S., Lollo, M., Lombardi, A., Marigo, S., Moisio, M.F., Palmieri, V., Pengo, R., Pisent, A., Poggi, M., Poletto, F., Porcellato, A.M., Ziomi, L. Commissioning of the ALPI post-accelerator 49138
Dainelli, A. *see* Bellato, M. 49141
Dainelli, A. *see* Palmieri, V. 49140
Dainty, J.C. *see* Dowling, K. 27653
Dainty, P. *see* Vainos, N.A. 14434
Daio, K. *see* Hirose, H. 5272
Daiqi Zhou *see* Zhou Daiqi
Daisy, R., Fischer, B. Synchronization of chaotic nonlinear optical ring oscillators 14367
Daito, H. *see* Aoki, M. 61382
Dajani, I. *see* Ranon, P.M. 13753
Dajani, I. *see* White, W.R. 33724
D'Ajello, P.C.T. *see* dos Santos Fo, S.G. 40515
Dajian Li *see* Li Dajian
Dajie Liu *see* Liu Dajie
Dajin Lu *see* Lu Dajin
Dajing Lu *see* Lu Dajing
Dajko, G. Proton detection with CR-39 track detector 7824
Dajun Cheng Field representations in reciprocal uniaxial bianisotropic media by cylindrical vector wave functions 24466
Dajun Cheng Solitons in Kerr-type nonlinear material with uniaxial chirality 55915
Dajun Cheng, Wei Ren, Ya-Qiu Jin Green dyadics in uniaxial bianisotropic-ferrite medium by cylindrical vector wavefunctions 23347
Dajun Cheng, Ya-Qiu Jin, Wei Ren Green dyadics in gyroelectric chiral medium by cylindrical vector wave functions 33815
Dajun Wang *see* Dongchang Sun 43591
Dajun Wang *see* Wang Dajun
Dajun Zhu *see* Zhu Dajun
Dakai Liang *see* Liang Dakai
Dakers, J.D. *see* Rothert, J.K. 38578
Dakeya, Y. *see* Kita, T. 31766
Dakhli, R. *see* M'hiri, R. 60446
Dakin, J.P. *see* Volanthen, M. 43982
Dakin, J.P. *see* Volanthen, M. 48577
Dakin, J.P. *see* Volanthen, M. 48637
Dakir, A., Barlik, R., Nowak, M., Grochal, P. Microprocessor control system with rotor-flux estimator for PWM current source inverter feeding an induction machine 9256
Dakir, A., Barlik, R., Nowak, M., Grochal, P. Computer simulations for two angular-speed-control systems of a current source inverter feeding an induction machine 9258
Dakova, D.Y. *see* Dimitrov, V.S. 14321
Dakshina Murthy, S., Bhat, I.B. In situ monitoring of CdTe nucleation on GaAs (100) using spectroscopic ellipsometry 40345
Daku, B.L.F., McIntyre, C.M. Short time correlator delay estimation in the presence of interfering sources 27103
Dakyo, B., Le Bunetel, J.C., Protin, L., Koczara, W. Single phase active filter power factor correction 60880
Dakyo, B. *see* Koczara, W. 51188
Dakyo, B. *see* Lafitte, F. 9399
Dal, H., Lancaster, P. Numerical methods for finding multiple eigenvalues of matrices depending on parameters 52550
Dal, M.-L., Ozawa, K. Texture synthesis by L-systems 46439
Dal Corso, F. *see* Arisaka, K. 37239
Dal Kwack Kae *see* Kae Dal Kwack
Dal Lago, E. Dual op amps for video applications 31126
Dal Lago, E. Dynamic measurements upon power supply circuits 40902
Dal Lago, S. *see* Bomitali, E. 26368
Dal-Ho Im *see* Chang-Eob Kim 50981
Dalal, D. *see* Bazinet, J. 50439
Dalal, H. *see* Ahmad, U.M. 52231
Dalal, V., Kaushal, S., Girvan, R., Hariasra, S., Sipahi, L. Improved stability in ECR-deposited a-Si solar cells 39133
Dalal, V. *see* Grimmer, D. 29647
Dalal'ah, A. *see* Bolla, R. 25981

Dalal'ah, A. *see* Bolla, R. 58062
Dalarsson, N. Powering the local telecommunications network 51282
Dalaudier, F. *see* Luce, H. 18855
Dalba, G., Doubovik, E., Fridkin, V.M., Rocca, F. The circular rule photovoltaic effect in the piezoelectric crystal $La_3Ga_5SiO_{14}$:Pr 23652
Dalba, G., Fornasini, P., Soldo, Y., Rocca, F. PIN silicon diodes as EXAFS signal detectors 7846
Dalberth, M. *see* Miranda, F.A. 54923
D'Alberto, T. *see* Bhatia, V. 7388
Dalbey, R.Z. Fiber optic based infrared scene projector 27645
Dalcanale, E., Greenblatt, J. SAW supramolecular sensors based on cavitands 58884
Dalcanale, E. *see* Hartmann, J. 17341
Dalcanale, E. *see* Hartmann, J. 27734
DalCorso, F. *see* Arisaka, K. 37460
Dalderup, M. The need for inert soldering atmospheres 1825
Dalderup, M., Keller, J. High-yield, low-defect wave soldering 41626
Dale, B. *see* van der Wiele, T. 10179
Dale, B.G. *see* Phua, C.T.L. 52095
Dale, B.G. *see* Wilcox, M. 342
Dale, C. *see* Jackson, G.L. 49856
Dale, C. *see* LaBel, K.A. 43327
Dale, C.J. *see* LaBel, K.A. 49857
Dale, C.J. *see* Weatherford, T.R. 43339
Dale, D. *see* Barth, J. 24350
Dale, L.A. Integration of reactive market into existing transmission planning and operating processes 19256
Dale, L.A. *see* Hodgson, J.E. 19181
Dale, M. *see* Cambell, P.K. 26851
Dale, S., Holmberg, M., Larsson, M., Persson, M., Ribbe, T., Elmqvist, H., Bone, D., Brodin, L.-A., Lindstrom, C., Jorfeldt, L. A mobile tomographic gamma camera system for acute studies 59466
Daleiden, J. *see* Czotscher, K. 55694
Daleiden, J. *see* Sah, R.E. 14228
Daleiden, J. *see* Weisser, S. 23957
Dalenback, B.-I. *see* Granier, E. 7111
d'Ales de Corbet, J.-P. *see* Moreau de Saint-Martin, F. 15908
d'Alessandro, A., Campoli, F., Beccherelli, R., Wnek, M., Galloppa, A., Galbato, A., Maltese, P. Performance of a passive matrix ferroelectric liquid crystal display with analog grey levels 7507
D'Alessandro, A. *see* Maltese, P. 48772
d'Alessandro, C. *see* Richard, G. 4607
D'Alessandro, C.D. Harris' automatic dependent surveillance-air traffic services (ADS-ATS) system: results of operational trials in Fiji 59986
D'Alessandro, F. *see* Deshpande, A.A. 17012
D'Alessio, T. Improving the use of force sensing resistors arrays for the measure of hand grasp 8151
Daletzaki, D.A. *see* Suflis, S.A. 19650
Daley, S. *see* Bennett, S.M. 51795
Daley, S. *see* Bennett, S.M. 61264
Dalfors, J. *see* Lundstrom, T. 2129
Dalgic, I. *see* Basso, A. 15634
Dalian Zheng Three-dimensional eddy current analysis by the boundary element method 44958
Daliento, S. *see* Bellone, S. 41878
Dalin Sun *see* Weihong Liu 9527
Dalinenko, I.N., Malyarov, A.V., Vishnevskii, G.I., Vydrevich, M.G., Zhuk, A.A., Kossov, V.G., Kozlov, V.N., Lazovskii, L.Yu. High-sensitivity hybrid television devices based on electron-sensitive CCDs 27145
Dalke, A. *see* Sharma, R. 14947
Dalke, R.A. *see* Quincy, E.A. 26940
Dall, J. *see* Lintz Christensen, E. 8311
Dall, J. *see* Skriver, H. 27057
Dalla Betta, G.E. *see* Bellutti, P. 58850
Dalla Betta, G.F. *see* Bacchetta, N. 59289
Dalla Mora, M., Manes, C., Palumbo, P. Optimal quadratic filtering of quantization noise in non-Gaussian systems 34843
Dall'Agnese, P. MCM application: automotive case studies 9691
Dallago, E. *see* Bagnoli, P.E. 61296
Dallago, E. *see* Brambilla, A. 43082
Dall'Ara, R. *see* Martelli, F. 24166
Dall'Ara, R. *see* Martelli, F. 44746
Dallarto, C. *see* Pogliano, U. 11523
Dallas, P.I., Pavlidou, F.-N. Innovative chip waveforms in microcellular DS/CDMA packet mobile radio 6641
Dallas, P.I., Pavlidou, F.-N. Traffic handling in microcellular communication networks using directional antennas 26594
Dallas, P.I., Pavlidou, F.-N. DS/CDMA M-ary orthogonal signalling in a shadowed Rayleigh channel for mobile communications 26639
Dallas, T. *see* Holtz, M. 22233
Dallavalle, G.M. Review of precision determinations of the accelerator luminosity in LEP experiments 59143
Dalle, C. *see* Driouch, F. 11681
Dalle, O. LoadBuilder: a tool for generating and modeling workloads in distributed workstation environments 26201
Dallera, C., Puppin, E., Trezzi, G., Incorvaia, N., Fasana, A., Braicovich, L., Brookes, N.B., Goedkoop, J.B. Soft X-ray emission spectroscopy at ESRF beamline 26 based on a helical undulator 7847
Dallet, D., Le Masson, S., Benkais, M., Marchegay, P. Dynamic characterization of A/D converters: analysis in time domain 1539
Dallet, D., Le Masson, S., Benkais, M., Marchegay, P. Statistical analysis for ADC transfer characteristic parameters and jitter determination 1540
Dallet, D., Le Masson, S., Benkais, M., Marchegay, P. An overview of the different methodologies for the spectral analysis in the dynamic characterization of A/D converters 1541
Dallorto, C. *see* Pogliano, U. 27810
Dally, R.B., Kululka, J.R., Schwartz, J.A. The design, qualification and use of bypass diode integration onto GaAs/Ge solar cells 38013
Dally, W.J., Poulton, J. Transmitter equalization for 4-Gbps signaling 35544
d'Almeida, S. *see* Abida, W. 51370
Dalmer, M. *see* Hofsass, H. 32156
Dalpasso, M. *see* Olivo, P. 41140
Dalpiaz, G., Rivola, A. Condition monitoring and diagnostics in automatic machines: comparison of vibration analysis techniques 56435
Daltan, T., Patton, R.J., Chen, J. An application of eigenstructure assignment to robust residual design for FDI 50753
Dalton, C.J. Objective assessment of single and concatenated compression codecs 17034
Dalton, J. *see* Skellern, D.J. 35688
Dalton, L. *see* Datong Chen 55306
Dalton, L.R. *see* Chen, A. 13541
Dalton, L.R. *see* Koeppen, C. 23804
Dalton, L.R. *see* Koeppen, C. 33399
Dalton, L.R. *see* Shi, Y. 47949
Dalton, L.R. *see* Strohkendl, F.P. 33636
Dalton, M.A. *see* Young, I.R. 50089
Dalton, R., Kashkari, C. Safe water for Africa (Africa-1000) 29923
Dalun Xu *see* Xu Dalun
Daluz, O. *see* Abida, W. 51370
Dalva, M. *see* Thorsen, O.V. 51688
Daly, B. *see* Barry, N. 11183
Daly, E. *see* Heifets, S. 49221
Daly, J. *see* Bartczak, A. 53503
Daly, J.C. *see* Fischer, G. 17284
Daly, J.J., Marsolais, E.B., Mendell, L.M., Rymer, W.Z., Stefanovska, A., Wolpaw, J.R., Kantor, C. Therapeutic neural effects of electrical stimulation 18497
Daly, J.M. Electrotechnical standardization harmonization in North America 29952
Daly, M. *see* Booker, G.R. 52669
Daly, M.P.J., Kovoor, P., Nguyen, H.T., Ross, D.I., Dewsnap, B., Eipper, V.E. Comparison of analytical estimations and actual intramyocardial temperature gradients during intramural radio-frequency ablation in-vivo 59756
Daly, M.S. *see* Klipstein, P.C. 12336
Daly, M.S. *see* Nicholas, R.J. 2126
Daly, P. *see* Brodin, G. 48166
Daly, T. *see* Jun Ye 55302
Dal'zotto, B. *see* Benistant, F. 22839
Dam, A.Van *see* Van Dam, A.
Dam, C.van *see* van Dam, C.
Dam, J.W.M.Van *see* Van Dam, J.W.M.
Dam, T.van *see* van Dam, T.
Dam, Y.van *see* van Dam, Y.
Dam-Hansen, C., Johansen, P.M., Petersen, P.M., Fridkin, V.M. Magnetophotorefractive effect in $LiNbO_3$:Fe crystals: theory and experiments 3308
Damamme, G., Le Gressus, C. Characterization of insulators for electric insulation in vacuum 28917
Damamme, G., Le Gressus, C. Space charge characterization 32622
Damamme, G., Le Gressus, C. Simulation of the triple junction effects in vacuum devices 32637
Damaria, T.R., Stroud, C.E., Michael, G.T. A new approach for Boolean function minimization 11394
Damarla, T.R. *see* Stroud, C.E. 11252
Damarla, T.R. *see* Stroud, C.E. 31164
Damarla, T.R. *see* Tungate, S. 40777
Damarla, T.Raju *see* Raju Damarla, T.
Damaskinos, S. *see* Ribes, A.C. 39045
D'Amato, F. *see* Marchetti, S. 13908
Dambacher, P. Digital broadcasting and multimedia communication 7036
Dambekalne, M., Bormanis, K., Chakare, L., Sternberg, A. Electrostriction in PSN-PMN ceramics 54942
D'Ambrosio, B. *see* Mittelstadt, D. 7191
D'Ambrosio, C. *see* Leutz, H. 59211
D'Ambrosio, E. *see* Luiten, A.N. 48500
D'Ambrosio, J.G. *see* Hu, X.S. 11388
D'Ambrosio, M. *see* Lambarelli, L. 57704
Damdinsuren, Ts. *see* Chultem, D. 37164
Damean, N.A. Computational removing of electrical resistance measurement error caused by thermic effects 7524
Damelincourt, J.J. *see* Pousset, T. 39372
Damen, M.C.J. *see* Xiaojun Yang 18776
Damerell, C. *see* Abe, K. 59233
Dames, M.P., Collington, J.R., Crossland, W.A., Scarr, R.W.A. Three-stage high-performance optoelectronic asynchronous transfer mode switch: design and performance 26439
Dames, M.P., Collington, J.R., Crossland, W.A., Scarr, R.W.A. The design and interconnection of a free-space photonic/electronic ATM switching module 35888
Dames, M.P. *see* Collington, J.R. 33156
Dames, M.P. *see* Mears, R.J. 3658
Damgard, I. *see* Cramer, R. 56278
Dami, M.A., Akroune, M., Aouli, R., Mouillet, A. New approach to characterisation of electric alloys under rotating magnetic flux density 9144
Damianakis, S.N., Biles, A., Dubnicki, C., Felten, E.W. Client-server computing on Shrimp 35686
Damianakis, S.N., Chen, Y., Felten, E.W. Reducing waiting costs in user-level communication 47219
Damiani, M. *see* Agrawal, V.D. 36428
Damiani, M. *see* Bertacco, V. 1241
Damiani, M. *see* Corno, F. 21734
Damiano, A. *see* Attaianese, C. 9582
Damiano, A. *see* Attaianese, C. 9607
Damiano, A. *see* Attaianese, C. 20142
Damiano, A. *see* Attaianese, C. 51731
Damiano, A. *see* Attaianese, C. 61174
Damiano, A. *see* Attainnese, C. 19187
Damiano, J.-P., Scotto, M., Ribero, J.-M. Computer-algebra systems and electromagnetic problems 24550
Damiano, J.-P., Scotto, M., Ribero, J.M. Application of an algebraic tool to fast analysis and synthesis of conformal printed antennas 4346
Damiano, R., Jr. *see* Gurunathan, S. 49641
Damiano, R., Jr. *see* Peng-Wie Hsia 37824
Damianou, C.A. *see* Maass-Moreno, R. 18363
D'Amico, A. *see* Caliendo, C. 58719
D'Amico, A. *see* Di Natale, C. 27463
D'Amico, A. *see* Di Natale, C. 58885
D'Amico, A. *see* Ferri, G. 58733
D'Amico, A. *see* Foglietti, V. 58732
D'Amico, A. *see* Holmberg, M. 36784
D'Amico, A. *see* Lugli, P. 9901
D'Amico, A. *see* Marco, S. 17583
D'Amico, A. *see* Russo, M.V. 58721
D'Amico, A. *see* Di Natale, C. *(editor)* 51996
D'Amico, G. *see* Fiorini, R.A. 49713
d'Amico, M. Terminations for high speed lines–a problem of the moment 1749
D'Amico, M. *see* Capsoni, C. 56044
D'Amico, N., Grueff, G., Montebugnoli, S., Maccaferri, A., Cattani, A., Bortolotti, C., Nicastro, L., Fauci, F., Tomassetti, G., Roma, M., Ambrosini, R., Rodriguez, E. The new Northern Cross pulsar system: four years of pulse-timing observations 36303
Daming Wei Effect of cardiac anisotropy on body surface potentials investigated by comparative simulation of isotropic and anisotropic heart models 49669
Daming Wei, Harasawa, E. A comparison study between body surface potential and Laplacian in localizing accessory pathways with Wolff-Parkinson-White syndrome 49654
Daming Wei, Harasawa, E., Bin He Simulated body surface potential and Laplacian maps during the left ventricular breakthrough 59677
Daming Wei *see* Harasawa, E. 59676
Daming Wei *see* Ono, K. 59675
Daming Wei *see* Wei Daming
Damini, A., Haslam, G.E. SAR/ISAR ship imaging: Theoretical analysis and practical results 27055
Damini, A. *see* Haslam, G.E. 16958
Damir, M., Vlasta, Z., Mirjana, B. Identification of 2D biped walking system by TV-PC set 35368
Damm, W. *see* Mikschl, A. 11487
Dammann, C.J. *see* Loffler, M.J. 38184
Dammann, W.P. *see* Bishop, J.R. 50180
Dammert, P.B.G. *see* Askne, J.I.H. 28675
Dammert, P.B.G. *see* Smith, G. 48114
Dammertz, G. *see* Lygin, V.K. 53987
Dammrich, T.J. US market overview [PCB industry] 11926
Damodara Das, V., Gopal Ganesan, P. Electrical conduction studies on $(Bi_{0.6}Sb_{0.4})_2Te_3$ thin films 42034
Damodaran, A.D. *see* Koshy, J. 3275
Damodare, L. *see* Das, V.D. 38967
Damonte, M. *see* Baratella, P. 28785
D'Amore, D. *see* Brambilla, A. 40204
D'Amore, L., Murli, A. FWT-based preconditioners for image restoration problems 57500
D'Amore, M., Sarto, M.S. A new formulation of lossy ground return parameters for transient analysis of multiconductor dissipative lines 38353
D'Amore, M., Sarto, M.S. Transient formulation of lossy ground return parameters for time-domain transmission line analysis 45266
D'Amore, M., Sarto, M.S. Digital transmission performance of carrier channels on distribution power line networks 50563
D'Amore, M., Sarto, M.S. Electromagnetic field radiated from broadband signal transmission on power line carrier channels 50609
D'Amore, M. *see* Celozzi, S. 45235
Damosso, E. COST 231 and 259: will personal communications actually become personalised? 47810
D'Amours, C. Noise suppression in communication systems employing coherently detected SSB biphase modulation 45527
D'Amours, C., Yongacoglu, A. Comparison of MFSK variants for a hybrid DS/FH-CDMA system in Rayleigh fading 6474
Damrow, J. The intelligent network call centre 16192
Damstra, G.C. *see* Shang, W. 23189
Damstra, G.C. *see* Shang, W. 23190
Damstra, G.C. *see* Shang, W. 23191

Damzen, M.J. *see* Camacho-Lopez, S. 24094
Damzen, M.J. *see* Crofts, G.J. 33440
Damzen, M.J. *see* Green, R.P.M. 14062
Damzen, M.J. *see* Green, R.P.M. 14334
Damzen, M.J. *see* Hamoir, D. 14375
Damzen, M.J. *see* Udaiyan, D. 14373
Damzen, M.J. *see* Udaiyan, D. 33684
Dan, N. *see* Bejan, A. 38940
Dan, S. *see* Kobayashi, T. 5031
Dan Huang *see* Jing-Huai Fang 61094
Dan Jiang *see* Jiang Dan
Dan Keun Sung *see* Dae-Woo Choi 5874
Dan Keun Sung *see* Sung Moon Shin 16572
Dan Li Ying *see* Ying Dan Li
Dan Liu *see* Jianping Lu 2486
Dan Liu *see* Liu Dan
Dan Wang *see* Wang Dan
Dan Wei, Bertram, H.N., Dee, R.H. Overwrite in particulate tape media 32860
Dan Zhi *see* Zhi Dan
Dan Zhu *see* Zhu Dan
Dan-Chu Yu *see* Kang-Ping Lin 18329
Dana, P.H. Global Positioning System (GPS) time dissemination for real-time applications 36065
Danaher, J. *see* Lewandowski, W. 36930
Danailov, M.B. *see* de Oliveira, P.C. 44353
Dancaster, J.L. *see* Gibbs, M.R.J. 2855
Dance, B. Scandinavia investigates silicon carbide for high power products 12850
Dance, D., Veltri, A., Lashbrook, W. Applications of cost of ownership to environment, safety and health 30100
Dance, S., Caelli, T., Zhi-Qiang Liu A concurrent, hierarchical approach to symbolic dynamic scene interpretation 5245
Dancheva, Y. *see* Cartaleva, S. 13975
Danchick, R. *see* Cox, I.J. 38161
Danckaert, K., Catthoor, F., De Man, H. System level memory optimization for hardware-software co-design 40842
Danda, S., Xiaolin Liu, Madhwapathy, S., Panyam, A., Sherwani, N., Tollis, I.G. Optimal algorithms for planar over-the-cell routing problems 1063
Dandache, A., Vallino, T., Monteiro, F., Lepley, B. Feasibility of DSCC encoding ASICs 11317
Dandia, S. *see* Carichner, K. 194
Dandliker, R. *see* Duelli, M. 23468
Dandliker, R. *see* Hofstetter, D. 58677
Dandliker, R. *see* Nussbaum, P. 13779
Dandliker, R. *see* Peter, Y.-A. 44381
Dandliker, R. *see* Teijido, J.M. 3637
Dandliker, R. *see* Volkel, R. 12846
Dandliker, R. *see* Volkel, R. 42878
Dandliker, R. *see* Zimmermann, E. 49540
D'Andrea, A.N., Lottici, V., Reggiannini, R. RF power amplifier linearization through amplitude and phase predistortion 6479
D'Andrea, J. Advanced aspects of prototype circuit board fabrication using milling systems 31599
D'Andrea, N.A. *see* Bartoli, A. 16129
Dandrea, P. *see* Lang, T. 17332
D'Andrea, V. *see* Adorni, G. 35097
Dandrel, P. *see* Aucouturier, J.L. 9860
Dandridge, A. *see* Vohra, S.T. 18969
Dandridge, A. *see* Vohra, T. 27637
Dandy, D.S. *see* Mahalingam, P. 30880
Dane, J. *see* DeWitt, J. 59243
Dane, J. *see* Sadrozinski, H.F.W. 37399
Danecki, J., Jajszczyk, A. The TINA architecture: the future architecture of information networks? 5996
Danek, C.J., Moffat, R.J. Low aspect ratio impingement cooling of electronic components with turbulence augmentation 30295
Danek, M. *see* Wang, C.-K. 42679
Danelon, V. *see* Boutez, C. 31533
Daneman, M.J., Tien, N.C., Solgaard, O., Lau, K.Y., Muller, R.S. Actuated micromachined microreflector with two degrees of freedom for integrated optical systems 44052
Danesh, P., Toneva, A., Savatinova, I., Liarokapis, E. Correlations between structural and optoelectronic properties of a-Si:H grown by homogeneous chemical vapor deposition 12306
Daneshgar, A. Duality in a generalized model for translation invariant systems 443
Daneshgar, A. Thresholding in a generalized model for translation invariant systems 30479
Daneshgaran, F., Mondin, M. Multidimensional signaling with wavelets 34525
Daneshgaran, F., Mondin, M. Orthogonal frequency division multiplexing with wavelets and its application to frequency-hopped CDMA 35915
Daneshrad, B. The HIPERLAN equalizer ASIC complexity and its relationship with the training header 26122
Danet, B. *see* Gantet, P. 37618
Danet, B. *see* Gantet, P. 49572
Danev, G., Spassova, E., Petkov, K., Assa, J., Ihleman, J., Wolf-Rottke, B. 'All-dry' and in situ microstructuring of carbide/polyimide layers 42799
Danev, G. *see* Donchev, T. 55149
Danev, G. *see* Spassova, E. 23097
Danevich, F.A. *see* Georgadze, A.Sh. 18101
Daney, D.E. *see* Daugherty, M.A. 32952
Danfei Shen *see* Jun Shen 5376
Danfei Shen *see* Jun Shen 25587
Danforth, S.C. *see* Ballato, J. 23714
Dang, C., Fournier, D. Dielectric performance of interfaces in premolded cable joints 28928
Dang, C. *see* Crine, J.-P. 2888
Dang, C. *see* Crine, J.-P. 11783
Dang, K. Metal corrosion and metal cluster defects due to polymer build-up in RIE etcher 54484
Dang, K., Desanti, T., Yoo, B., Khawaja, Y. Monitoring particulate contaminants in a metal etch system 42448
Dang, Q.P. *see* Delage, O. 35328
Dang, X.Z. *see* Zhang, G.Y. 52678
Dang Chinh *see* Chinh Dang
Dang Deyu *see* Li Tianyun 51076
Dang Gurcharn *see* Gurcharn Dang
Dang Ke Zhi Strapdown inertial navigation theory application in attitude measurement 18599
Dang Le Si *see* Le Si Dang
Dang Ryo *see* Ryo Dang
Dang Viet-Nam *see* Viet-Nam Dang
Dang Xiang *see* Xiang Dang
Dang Xiaozhong *see* Tong Yuzhen 54082
Dangakis, K. *see* Filis, K.G. 26542
Dangakis, K. *see* Lazarakis, F. 26591
Dangel, R., Lukosz, W. Electro-nanomechanically actuated integrated-optical Mach-Zehnder interferometer 33104
D'Angelo, A., Gastaldi, M., Levialdi, N. Multicriteria evaluation model for flexible manufacturing system design 10046
D'Angelo, G., Borello, E., Pallaro, N. CO_2 laser tailored blanks welding process monitoring 20276
D'Angelo, G., Di Stefano, R., Marignetti, F., Scarano, M. The virtual drives project (VDP): new integrated tool oriented to high accuracy simulators of electrical drives 9588
D'Angelo, S. *see* Alderighi, M. 25038
D'Angelo, W.R. *see* Perrott, D.R. 49879
Danggui Huang *see* Huang Danggui
Dangla, J. *see* Maneux, C. 2590
Dangoisse, D. *see* Lepers, C. 13926
Dangoisse, D. *see* Lepers, C. 23739
Dangying Zhang *see* Zhang Dangying
Danhong Huang, Manasreh, M.O. Intersubband transitions in triple-coupled quantum wells for three-colors infrared detectors 2148
Danhong Zhang *see* Zhang Danhong
Danhua Cao *see* Cao Danhua
Danial, A. *see* Peana, S. 17655
Daniau, W., Marianneau, G., Girardet, B., Marguier, J. Design and fabrication of a capacitance switch array usable on a DTCXO 3001
Danieau, M.-O. *see* Louvion, J.-R. 25875
Daniel, H. *see* Muehlbauer, M. 17970
Daniel, J.H., Moore, D.F., Waller, J.F., Whitney, J.T. Focused ion beams in microsystem fabrication 43401
Daniel, J.H. *see* Moore, D.F. 23096
Daniel, J.P., Himdi, M., Thouroude, D. Design of multibeam antennas arrays. Examples 56205
Daniel, M. *see* Adam, A. 37280
Daniel, M.M., Willsky, A.S. A multiresolution methodology for signal-level fusion and data assimilation with applications to remote sensing 28650
Daniel, O. *see* Simeu-Abazi, Z. 39760
Daniel, R.A. Ethernet–a natural evolution for remote I/O 35720
Daniel, S. *see* Guillaudeux, S. 49979
Daniel, T., Tayrani, R. DC and high frequency models for heterojunction bipolar transistors 42946
Daniel-Berhe, S., Unbehauen, H. Application of the Hartley modulating functions method for the identification of the bilinear dynamics of a DC motor 38755
Daniel-Berhe, S., Unbehauen, H. Parameter estimation of nonlinear continuous-time systems using Hartley modulating functions 45976
Daniel-Ivad, J., Huot, J.-Y. Mercury- and lead-free rechargeable Zn/MnO_2 cells 61051
Daniele, M., Jain, P., Joos, G. A single stage power factor corrected AC/DC converter 51216
Daniele, P., Frullone, M., Heiska, K., Riva, G., Carciofi, C. Investigation of adaptive 3D microcellular prediction tools starting from real measurements 45130
Danieli, M. On the use of expectations for detecting and repairing human-machine miscommunication 45699
Danieli, M. *see* Billi, R. 46974
Danielius, R., Dubietis, A., Piskarskas, A. Transformation of pulse characteristics via cascaded second-order effects in an optical parametric amplifier 14366
Danielius, R., Fu, Q., Piskarskas, A. High-power optical parametric amplifier 24129
Danielli, G. The synchronous DRAM–the next frontier 1328
Danielli, G. A low-cost subscriber line interface circuit for PCB connection 6358
Danielli, G. Lithium–the battery of the future 9477
Danielli, G. Development tools for programmable logic devices 21600
Danielli, G. A multi-media codec which anticipates the standard 35852
Danielli, G. A chip for the digital set-top-box 41219
Daniels, A.R. *see* Chan, K.W. 60255
Daniels, A.R. *see* Hodgson, J.E. 19181
Daniels, A.R. *see* Nicholson, B.A. 19206
Daniels, D.J. *see* Mallinson, P. 8615
Daniels, M.E., Bishop, P.J., Ridley, B.K. The effect of quantum wells on the mobility of electrons in vertical transport 54204
Daniels, R. *see* Michaels, R.A. 18626
Daniels, R. *see* Venner, R. 17627
Daniels, R. *see* Venner, R. 17628
Daniels, S., Cameron, D.C. Examination of thin film uniformity at the bottom of a hole structure using a 3D sputter simulation package 842
Daniels-Race, T. *see* Banoo, K. 54221
Danielsen, S.L., Mikkelsen, B., Joergensen, C., Durhuus, T., Stubkjaer, K.E. WDM packet switch architectures and analysis of the influence of tunable wavelength converters on the performance 36098
Danielsen, S.L. *see* Mikkelsen, B. 26895
Danielson, L.R. *see* Charache, G.W. 38994
Danielsson, H., Ferlin, G., Jenninger, B., Luguet, C., Milner, S.-E., Rieubland, J.-M. Cryogenic performance of a superfield helium relief valve for the LHC superconducting magnets 49080
Danielsson, P.-E. *see* Nilsson, F. 35274
Danieluk, W. *see* Krasniqi, X. 35859
Daniere, F. *see* Douay, D. 14489
Danikas, M., Guastavino, J., Krause, E., Mayoux, C. Biaxially oriented poly(ethylene–2,6 naphthalate) under discharge activity at various temperatures 13287
Danikas, M. *see* Badent, A. 23150
Danikas, M. *see* Guastavino, J. 43553
Danikas, M.G. Diagnostic techniques of high voltage insulation ageing 19695
Danikas, M.G. Some possible new applications of a partial discharge (PD) model and its relation to PD-detection sensitivity 32642
Danikas, M.G., Adamidis, G.A. Discharge phenomena in polyethylene and epoxy resin 13300
Danikas, M.G., Karafyllidis, I., Thanailakis, A., Bruning, A.M. A model for electrical tree growth in solid insulating materials using cellular automata 13263
Danikas, M.G., Karafyllidis, I., Thanailakis, A., Bruning, A.M. Simulation of electrical tree growth in solid dielectrics containing voids of arbitrary shape 54892
Danilevich, Ya.B., Karymov, A.A. Diagnostics of a turbogenerator-rotor shaft life reduction 60666
Danilevich, Y.B., Kochnev, A.V. Low-power synchronous generators with permanent magnets 9195
Danilewsky, A. *see* Tegetmeier, A. 10641
Danilin, A.B. *see* Belogorokhov, A.I. 54068
Danilin, A.B. *see* Belogorokhov, I. 44221
Danilin, A.B. *see* Yankov, R.A. 32116
Danilin, B.K. *see* Zubkov, A.A. 29039
Danilin, V.V. *see* Maletin, Y.A. 9470
Danilov, A.A., Shlykov, G.P. Codable voltage divider for measuring the linearity of the transfer function of measuring instruments 27364
Danilov, I. *see* De Souza, J.P. 31837
Danilov, I. *see* de Souza, J.P. 42384
Danilov, M. *see* Balagura, V. 37222
Danilov, S.N. *see* Vorob'ev, L.E. 44528
Danilov, S.N. *see* Vorobjev, L.E. 3893
Danilov, S.N. *see* Vorobjev, L.E. 55628
Danilov, S.V., Skorospelova, V.I., Stepanov, S.A., Yagmurov, V.Kh. Radiation stability of glasses with protector ions and fibers made from them 23493
Danilov, V.N. Inclusion of the piezoelectric properties of a piezoelectric-crystal plate in the calculation of the channel of a direct-acting transducer 43601
Danilov, V.N., Voronkov, V.A., Izofatova, N.Yu. Investigation of the amplitude frequency response of the acoustic channel of a direct transducer in the regime of emission 60110
Danilov, V.V., Mirnov, V.V., Ucer, D. High-voltage space tether for diagnostics and enhanced particle scattering in the Earth's radiation belts 8457
Danilov, V.V. *see* Slavin, V.S. 20054
Danilovich, A.S. *see* Volkovich, A.G. 18152
Daniluk, A., Mazurek, P., Mikolajczak, P. RHEED intensity oscillations observed during growth of Ge on Si(111) substrates 30798
Danilyuk, A. *see* Buzykaev, A. 37237
Danilyuk, A. *see* Buzykaev, A. 37240
Danisch, L.A. Laminated BEAM loops 36626
Danisch, R. *see* Liersch, G. 29011
Dankert, O. *see* Schut, H. 42359
Dankert, U. Architecture of corporate networks 47091
Dankner, Y., Katzir, A. Evanescent wave spectroscopy for the determination of the optical constants of thin silver films deposited on a silver-halide fiber 36943
Danko, T. Battery separators with improved resistance to KOH degradation 19972
Danko, T., Sybeldon, A. Ionic resistance measurements of battery separators 61006
Dan'ko, V.G., Milykh, V.I. Natural thyristor commutation in a DC linear motor 9276
Dankowski, S.U. *see* Keil, U.D. 22482
Dankowski, S.U. *see* Knupfer, B. 23707
Danly, B. *see* Nguyen, K. 1938
Danly, B.G. *see* Blank, M. 1944
Danly, B.G. *see* Choi, J.J. 1940
Danly, B.G. *see* Choi, J.J. 12098
Danly, B.G. *see* Nusinovich, G.S. 31707
Dann, A.J. *see* Meredith, W. 33558

Dann, B.K. *see* Macri, J.R. 37355
D'Anna, E., Luches, A., Martino, M., Brunel, M., Majkova, E., Luby, S., Senderak, R., Jergel, M., Hamelmann, F., Kleineberg, U., Heinzmann, U. Thermal stability of $W_{1-x}Si_x/Si$ multilayer reflective coatings under high intensity excimer laser pulses 906
D'Anna, E., Luches, A., Perrone, A., Acquaviva, S., Alexandrescu, R., Mihailescu, I.N., Zemek, J., Majni, G. Deposition of C-N films by reactive laser ablation 901
D'Anna, E. *see* Luby, S. 2451
Danne, O. Messungen physikalischer Eigenschaften stratiformer Bewolkung mit einem 94 GHz-Wolkenradar (Measurements of physical properties of stratiform clouds with a 94 GHz cloud radar) 60059
Dannels, C.M. Semi international standards for flat panel display 17656
Danneville, F., Cappy, A. Noise modelling of devices under nonlinear operation 53626
Danneville, F. *see* Mateos, J. 2720
Dano, E.B., Lyzenga, D.R., Meadows, G. Doppler characteristics and angular dependence of radar backscatter from laboratory breaking waves 18884
Dano, E.B. *see* Meadows, G. 18883
Danovitch, D. *see* Audet, J. 20909
Dansereau, R., Kinsner, W. Perceptual image compression through fractal surface interpolation 15740
Dan'shin, N.K., Dellalov, V.S., Kol'tsov, M.A., Nikolaev, E.I., Shkar, V.F. The nature of the coupling between magnetic excitations in two-layer epitaxial ferrite-garnet films 3165
Dan'shin, S.N., Zatsepin, G.T., Kopylov, A.V., Petukhov, V.V., Yanovich, E.A. The solar neutrino problem and the radiochemical lithium detector 49317
Dansie, J. 'Civilised' engineering succeeds at Guangzhou [pumped storage power plant] 19610
Danskin, D.W. *see* Kustov, A.V. 60037
Danskin, J. *see* Davis, G. 35330
Danskin, J.M. *see* Qin Zhang 57231
Danskin, J.N. *see* Davis, G.M. 56718
Dansky, A.H., Smith, H.H., Williams, P.M. Analysis and results of net coupling within a high performance microprocessor 41222
Danthez, J.M., Aquilina, R. Separation of broadband sources processing concept of the Labrador software 56436
Danthine, A. The video dial tone service and the ATM environment 27173
Danthine, A. *see* Bonaventure, O. 6177
Danthine, A. *see* Ventre, G. *(editor)* 9842
Danto, Y. *see* Deletage, J.-Y. 30264
Danto, Y. *see* Fremont, H. 53844
Danto, Y. *see* Maneux, C. 2590
Danto, Y. *see* Saint-Christophe, E. 12042
Danto, Y. *see* Zimmer, T. 9907
D'Antone, I. *see* Masetti, M. 54785
Dantsker, D. Photoinduced nonlinear effects in organic photochromics 33708
Dantsker, E., Tanaka, S., Clarke, J. High-T_c SQUIDs with slots or holes: low 1/f noise in ambient magnetic fields 43821
Dantsker, E., Tanaka, S., Nilsson, P.-A., Kleiner, R., Clarke, J. Reduction of 1/f noise in high-T_c dc superconducting quantum interference devices cooled in an ambient magnetic field 23400
Dantsker, E. *see* Lee, T.S. 7290
Dantsker, E. *see* Nichols, D.G. 3283
Dantzig, G.B., Infanger, G. Intelligent control and optimization under uncertainty with application to hydro power 50809
Danuser, G., Mazza, E. Observing deformations of 20 nanometer with a low numerical aperture light microscope 7655
Danuser, G. *see* Mazza, E. 1015
Danuser, G. *see* Mazza, E. 54830
Danver, B. *see* Vohra, S.T. 18969
Danver, B. *see* Vohra, T. 27637
Danyluk, S. *see* McGuire, K. 32200
Danyoshi, M. *see* Yorino, N. 51070
Danz, R., Pinnow, M., Buchtemann, A., Wedel, A. Organization of molecules in thin polymer layers by electron beam poling 54876
Danz, R. *see* Wedel, A. 55460
Danzer, J. Electrical outfit of vehicles of the suburban unit 471 29796
Danzig, P.B. *see* Sugih Jamin 35436
Danziger, Y. *see* Hasman, E. 33762
Dao, G., Liu, G., Snyder, A., Farnsworth, J. New approach to phase metrology for manufacturing of 248 nm lithography based embedded attenuated phase-shifting mask 22647
Dao, K. *see* Betts, W. 59222
Dao, M., Chemouil, P. Traffic engineering and network traffic management in the TMN environment 26050
Dao Son *see* Son Dao
Dao Wang *see* Wang Dao
Dao Wen Chen *see* Shan Zhu 15112
Dao-fan Zhang *see* Zhang Dao-fan
Daoben Zhu *see* Zhu Daoben
Daochun Deng *see* Deng Daochun
Daofan Zhang *see* Yong Zhu 24103
Daojie Dong, Vandegrift, G.F. Kinetics of dissolution of uranium metal foil by alkaline hydrogen peroxide 19487
Daoli Sun *see* Sun Daoli
Daoli Zhu *see* Goffin, J.-L. 30515
Daomu Zhao *see* Shaomin Wang 44621
Daoping Cheng *see* Cheng Daoping
Daoping Li, van Brug, H., Frankena, H.J. Simulation of a polarization splitter on InGaAsP/InP by vectorial beam propagation method 13654
Daoqi Ding *see* Ding Daoqi
Daoqun Deng *see* Hong Wang 55874
Daoqun Deng *see* Deng Daoqun
Daoudi, K. *see* Levy Vehel, J. 46003
Daoudi, M. *see* Ghorbel, F. 5428
Daoudi, M. *see* Mokadem, A. 5058
Daous, Y. *see* Grave, I. 23548
Daout, F. *see* Khenchaf, A. 38095
Daout, F. *see* Khenchaf, A. 50145
Daowen Zeng *see* Zeng Daowen
Daoyin Yu *see* Ji Du 46394
Daoyin Yu *see* Qunfeng Zou 49541
Daoyu Liu *see* Jinhai Si 3993
Daoyuan Tang *see* Tang Daoyuan
Daozheng Wei *see* Yuzhong Sun 11399
Daozheng Wei *see* Wei Daozheng
Daozhi Xia *see* Xia Daozhi
Dapena, A., Castedo, L., Escudero, C. An unconstrained single stage criterion for blind source separation 24956
Dapena, A. *see* Castedo, L. 57607
Dapeng Tien *see* Fengtai Huang 51032
Dapeng Yan *see* Feng Liu 49004
Dapeng Yan *see* Zhengdong Wang 49005
Dapeng Yu *see* Lisen Cheng 40385
Dapkus, L. *see* Lisauskas, V. 40371
Dapkus, P.D., Macdougal, M., Gye Mo Yang, Yong Cheng Ultralow threshold VCSEL's for application to smart pixels 33555
Dapkus, P.D., MacDougal, M.H., Gye Mo Yang, Bond, A.E., Chao-Kun Lin, Uppal, K. Ultralow threshold current lasers 23924
Dapkus, P.D. *see* Bond, A.E. 13008
Dapkus, P.D. *see* Uppal, K. 31968
Dapkus, P.D. *see* Yong Cheng 44568
Dapkus, P.D. *see* Zhu, D.X. 55896
Dapoigny, R., Bolon, P. Data-dependent algorithms with process farming: Two topological approaches 25325
Daponte, P., Grimalde, D., Molinaro, A., Sergeyev, Ya.D. Fast detection of the first zero-crossing in a measurement signal set 45713
Daponte, P., Grimaldi, D., Piccolo, A., Villacci, D. A neural diagnostic system for the monitoring of transformer heating 8983
Daponte, P., Menniti, D., Testa, A. Segmented chirp Z-transform and multiple deep dip windows for electrical power system harmonic analysis 38213
Daponte, P. *see* Arpaia, P. 17480
Daponte, P. *see* Arpaia, P. 58646
Daponte, P., Michaeli, L. *(editors)* IMEKO TC-4 Technical Committee on Measurement of Electrical Quantities International Workshop on ADC Modelling. Proceedings 9786
Dapore, M. High data rate X-band communications subsystem 16656
Dappen, S., Henneberger, G. A sensitivity approach for the optimization of loss efficiencies 51853
Dappen, S. *see* Albertz, D. 51761
Dapra, D. *see* Windisch, H. 28364
D'Apuzzo, M. *see* Baccigalupi, A. 1526
D'Apuzzo, M. *see* Baccigalupi, A. 53376
Daqing Hou, Roberts, J. Capacitive voltage transformer: transient overreach concerns and solutions for distance relaying 19800
Daqing Hou *see* Guzman, A. 19799
Daqing Max Shi, Carbin, J.W. Advances in flip-chip underfill flow and cure rates and their enhancement of manufacturing processes and component reliability 219
Daqing Zhang *see* Parasiliti, F. 39271
Daqing Zou *see* Jiansen Zhu 30263
Daqing Zou *see* Zou Daqing
D'Aquila, L. Improving testability [PCB DFT] 53751
Dar-Chin Rau, Chien-Yun Dai, Mu-Sheng Lin, Sei-Wang Chen Applying Petri nets to multimedia flow analysis 47378
Dar-Chin Rau, Chung-Hsieh Shih, Chin-Ming Hong, Chien-Yun Dai, Chin-Wen Liao A microprocessor-based fuzzy speed controller for high performance induction motor drives 61120
Daraktchiev, I. *see* Rotondaro, A.L.P. 42479
Darayan, S., Shattuck, D.P., Shen, L.C., Liu, R.C. Measurement of dielectric constant and conductivity of samples using guarded electrodes 17744
Darbey, D. Investigation and damage repair following a fault on a major transmission transformer 19925
Darbha Subrahmanyam *see* Subrahmanyam Darbha
Darboux, M., Dinten, J.-M., Nicolas, E. A region growing technique adapted to precise microcalcification characterization in mammography 37701
Darboux, M. *see* Dinten, J.-M. 59442
Darby, E.R., Jr. *see* Shingledecker, C.A. 59969
Darby, J. *see* Edwards, J.N. 18064
Darbyshire, E.P., Kerry, C.J. A real-time computer for active control 15264
Darcie, J.M. *see* Bergano, N.S. 26823
Darcourt, J. *see* Koulibaly, P.M. 59521
D'Arcy, T.J. *see* Hughes, S.W. 49574
Darday, V. *see* Forgacs, L. 18169
Dare, P.M., Dowman, I.J. An automated procedure for registering SAR and optical imagery based on feature matching 48067
Daree, K., Hensel, D., Zimmermann, K. Plasma-fluid interaction and arc resistance in electrothermal launchers 24432
Daren He *see* He Daren
Dargent, C. Single frequency motorway radio with local switching for real time traffic information: three years of operation 58538
Dargenton, J.-C., Woirgard, J. Description of an electrostatic force nanoindenter 996
Dargys, A. *see* Zurauskiene, N. 12164
Dargys, A., Kundrotas, J. *(editors)* Handbook on physical properties of Ge, Si, GaAs and InP 30016
Darhuber, A.A., Holy, V., Bauer, G., Wang, P.D., Song, Y.P., Torres, C.M.S., Holland, M.C. Quantitative analysis of elastic strains in GaAs/AlAs quantum dots 12449
Darhuber, A.A., Holy, V., Stangl, J., Bauer, G., Krost, A., Heinrichsdorff, F., Grundmann, M., Bimberg, D., Ustinov, V.M., Kopev, P.S., Kosogov, A.O., Werner, P. Lateral and vertical ordering in multilayered self-organized InGaAs quantum dots studied by high resolution X-ray diffraction 40304
D'Aria, G. *see* Cornaglia, B. 48236
Daria, V.R., Saloma, C. Bandwidth and detection limit of a crossing-sampling spectrum analyzer 36447
Daria, V.Ricardo *see* Ricardo Daria, V.
D'Ariano, G.M., Macchiavello, C., Sterpi, N., Yuen, H.P. Quantum phase amplification 34495
D'Ariano, G.M., Mancini, S., Tombesi, P. High efficiency optical tomography using a squeezed vacuum 15839
Darie, I. *see* Chiriac, H. 3142
Darie, I. *see* Hristoforou, E. 3036
Darinskii, B.M. *see* Nebol'sin, V.A. 10673
Darinskii, B.M. *see* Sidorkin, A.S. 41772
Dario, P., Lazzarini, R., Magni, R., Oh, S.R. An integrated miniature fingertip sensor 27522
Dario, P. *see* Carrozza, M.C. 28402
Dario, P. *see* Carrozza, M.C. 59377
Dario, P. *see* Croce, N. 58731
Dario, P. *see* Guglielmelli, E. 28452
Dario, P. *see* Sandini, G. 26072
Darkazalli, G. *see* Nowlan, M.J. 39181
Darken, C. *see* Petsche, T. 60747
Darley, V. *see* Bennett, P.C. 60834
Darling, C. *see* Kagan, H. 37508
Darling, C. *see* Shipsey, I. 59232
Darling, C. *see* Spencer, M.B. 59274
Darling, G. *see* Jin-Cheng Wang 50555
Darling, G. *see* Jin-Cheng Wang 50556
Darling, R.B. *see* Jung, C.C. 7385
Darling, S.S., Durham, J.E. Maintenance rule implementation at Boston Edison's Pilgrim Nuclear Power Station 38484
Darlington, A. *see* Sidhu, T.S. 50627
Darlington, D.J., Campbell, D.R. The effect of modified filter distribution on an adaptive, sub-band speech enhancement method 45690
Darlington, D.J., Campbell, D.R. Sub-band, dual-channel adaptive noise cancellation using normalised LMS 45712
Darmawan, J. *see* Blair, C. 23014
Darnauer, J., Wayne Wei-Ming Dai Tradeoffs in chip and substrate complexity and cost for field programmable multichip modules 21619
Darnauer, J. *see* Man-Fai Yu 13088
Darnedde, H., Helmcke, J. European comparison of long gauge blocks 58611
Darnedde, H. *see* Bonsch, G. 27230
Darnell, M. *see* Burley, S. 34910
Darnell, M. *see* Hu, F. 56290
Darnell, M. *see* Wu, Y. 15214
Darondeau, P. *see* Badouel, E. 52464
Darouach, M. *see* Boutayeb, M. 56431
Darowski, N. *see* Schulz, D. 52597
Daroy, C.J. *see* Foo, S. 6018
Darpentigny, G. *see* Antonetti, A. 14076
Darquennes, M. *see* van Sas, J. 40969
Darr, J.A. *see* McAleese, J. 30923
Darracq, B., Canva, M., Chaput, F., Boilot, J.-P., Riehl, D., Levy, Y., Brun, A. Stable photorefractive memory effect in sol-gel materials 23440
Darrell, T., Pentland, A. Active gesture recognition using partially observable Markov decision processes 5666
Darrell, T.J., Essa, I.A., Pentland, A.P. Task-specific gesture analysis in real-time using interpolated views 15956
Darsht, M.Ya., Kataevskaya, I.V., Kundikova, N.D., Zel'dovich, B.Ya. "Magnetic" rotation of the speckle pattern of light transmitted through an optical fiber 23501
Darty, M. *see* Bosco, C.D. 38190
Darul'a, I. *see* Marko, S. 19454
Darula, M. *see* Caputo, P. 32905
Darula, M. *see* Pivarc, J. 43810
Darveaux, R. Optimizing the reliability of thin small outline package (TSOP) solder joints 30280
Darveaux, R., Freyman, B., Mattei, C., Shim, I.K., Heo, Y.W. A new BGA package for high density applications 20884
Darveaux, R. *see* Fusaro, J.M. 52224
Darveaux, R. *see* Mawer, A. 20894

Darveniza, M., Mercer, D.R., Watson, R.M. An assessment of the reliability of in-service gapped silicon-carbide distribution surge arresters 8883
Darveniza, M. *see* Mackerras, D. 38433
Darvish, S. *see* Green, A.K. 17425
Darvishi, A. World Wide Web access for blind people: problems, available solutions and an approach for using environmental sounds 6176
Darwazeh, I.Z. *see* Iqbal, A. 11733
Darwen, P., Xin Yao Every niching method has its niche: fitness sharing and implicit sharing compared 10386
Darwin Liang *see* Guoxiu Li 19707
Darwin Liang *see* Guoxiu Li 19726
Darwin Liang *see* Ming Fang 19176
Darwish, A., Copeland, R., Sliz, R., Venkateswarlu, P., Aggarwal, M.D., Williams, A., Bhat, K., Thompson, J.M., Laxmeshwar, N.B. Highly polarizable metallic complexes for nonlinear optics copper (II) and nickel (II) complexes of bis(salicylaldiminato) Schiff base 24183
Darwish, A., Curley, M., Venkateswarlu, P., Moghbel, M., Mahdi, M., Sharma, A., He, K.X. Lasing and intermode correlation of whispering gallery mode in dye-doped polystyrene microspheres 23771
Darwish, A. *see* Fu, J. 33114
Darwish, A.M., Sliz, R., Copeland, R., Venkateswarlu, P., Choi, J., Metzl, R., Wang, W.S., Aggarwal, M.D., Williams, A. Photoinduced charge transfer in BSO:Cr^{3+} homegrown single crystal at room temperature during grating formation under Ar^{+} laser illumination in EPR experiment 24272
Darwish, K.A. *see* Ahmed, M.A. 54100
Darwish, M. *see* Daie Koozehkanani, Z. 8725
Darwish, M.K. *see* Koozehkanani, Z.D. 41308
Darwood, P., Fletcher, P.N., Hilton, G.S. Pattern synthesis in small phased arrays using adaptive array theory 34391
Daryan, A.V. *see* Baghdasaryan, H.V. 33675
Daryanani, S. *see* Wheeler, C. 23716
Daryoush, A.S. *see* Xue-Song Zhou 41433
Das, A., Santra, K.C. Electro-mechanical response in a piezo sensor that can be used in monitoring shear deformations 17800
Das, A. *see* Chmielewski, A.B. 18734
Das, A. *see* Mythili, P. 4362
Das, A. *see* Talluri, R. 35194
Das, A.K., Ganguly, A.K., Hussain, A., Ghosh, S., Choudhury, B.S. A new method of surface characterization with a single-mode fiber to thin-film coupler 48910
Das, A.L. *see* Pattnaik, S.S. 34215
Das, B.K. *see* Kishore, R. 44192
Das, B.N. Advances in microwave communication and radar 16859
Das, B.N., Chakrabarty, S.B. Electromagnetic analysis of eccentric coaxial cylinders of finite length 14519
Das, B.N., Chakrabarty, S.B., Das, S. Cutoff frequencies of transmission lines consisting of pair of cylinders 14654
Das, B.N., Chakrabarty, S.B., Mallick, A.K. Evaluation of capacitance of dielectric cylinder and truncated dielectric cone isolated in free space 4188
Das, C. The EUROPRACTICE MPC service 43212
Das, D., Sharma, S.N., Banerjee, R. Device quality hydrogenated amorphous silicon films deposited at high growth rates 52793
Das, D. *see* Hilpert, K. 20016
Das, D. *see* McCluskey, P. 52257
Das, D.K., Chakraborty, S., Bhattacharya, B.B. New BIST techniques for universal and robust testing of CMOS stuck-open faults 53172
Das, G., Sarkar, S.N. Variational analysis of single-mode graded-index fibers based on a novel approximation of the fundamental modal field 23490
Das, I.J., Gazda, M.J., Beddar, A.S. Characteristics of a scintillator-based daily quality assurance device for radiation oncology beams 8131
Das, J. *see* Chanda, A. 14604
Das, J. *see* Mukherjee, D.P. 28617
Das, K., Morgera, S.D. A simulation study of interference and SIR in integrated voice/data wireless DS-CDMA networks 47604
Das, K.K. *see* Iftekharuddin, K.M. 6833
Das, L.N., Nanda, S. Symmetric dual multiobjective programming 40098
Das, M.B. *see* Jau-Wen Chen 7332
Das, M.B. *see* Mitra, A. 7353
Das, M.B. *see* Moon Jung Kim 44315
Das, M.K. *see* Chappel, D.C. 22572
Das, M.K. *see* Tan, J. 54433
Das, N.C. Effects of irradiation on hot carrier induced interface states in n-MOSFETs 43007
Das, N.K. *see* Mohanty, A. 34362
Das, P. *see* Abbate, A. 34726
Das, P. *see* DeCusatis, C. 46401
Das, P. *see* Hetling, K. 6452
Das, P. *see* Morton, R.G. 2481
Das, P.K. *see* Medley, M.J. 47557
Das, P.K. *see* Sen, A. 44685
Das, R. *see* Mohamed-Nour, H.I. 61261
Das, R. *see* Sidhu, T.S. 50632
Das, R.P. *see* Rath, C. 55034
Das, R.S.L., Krauthamer, S., Bulawka, A. High performance low cost power conditioning subsystems using smart power/power integrated circuits in photovoltaic power systems 29155
Das, R.S.L., Krauthamer, S., Frisbee, R.H. Evaluation of cryogenic power conditioning subsystems for electric propulsion spacecraft 18685
Das, S., Datta, S., Sahdev, D. Mode-locking, hysteresis and chaos in coupled Josephson junctions 55114
Das, S., Islam, R., Chattopadhyay, A.B. A simple approach for on-line tool wear monitoring using the analytic hierarchy process 58636
Das, S., Sahdev, D., Mehrotra, R. Mode-locking transitions and vortex flows in current-driven Josephson-junction arrays 43834
Das, S. *see* Bhanu, B. 56700
Das, S. *see* Bhattacharjee, S. 56813
Das, S. *see* Das, B.N. 14654
Das, S.B. *see* Forster, R.R. 28654
Das, S.K., Hammond, P. Managing tasks using an interval-based temporal logic 18479
Das, S.K., Smith, W.T. Incident field coupling analysis of multiconductor transmission lines using asymptotic waveform evaluation 45268
Das, S.K. *see* Aprille, T.J. 47427
Das, S.R., Xu, D.-X., Nournia, M., Lebrun, L., Naem, A. Thermal stability of nickel silicide films 42694
Das, S.R. *see* Wen-Ben Jone 53221
Das, V.D., Damodare, L. Effect of surface treatment on an n-$CdSe_{0.6}Te_{0.4}$ thin-film photoanode/polysulphide electrolyte solar cell 38967
Das, V.Damodara *see* Damodara Das, V.
Das, V.E., Thomas, C.W., Zivotofsky, A.Z., Leigh, R.J. Measuring eye movements during locomotion: filtering techniques for obtaining velocity signals from a video-based eye monitor 49503
Das Gupta, G. *see* Das Gupta, S. 39423
Das Gupta, S., Johar, S., Jacobs, J.K., Das Gupta, G. Heating elements and electrically conducting ceramics 39423
Das Gupta, S. *see* Bhola, R. 39453
Das Sarma, S. *see* Hwang, E.H. 42099
Das Sarma, S. *see* Ortalano, M.W. 54193
Das Shantilal *see* Shantilal Das
Das-Gupta, D.K. Conduction mechanisms and high field effects in synthetic insulating polymer 32702
Das-Gupta, D.K., Hornsby, J.S., Yang, G.M., Sessler, G.M. Comparison of charge distributions in FEP measured with thermal wave and pressure pulse techniques 13206
Das-Gupta, D.K. *see* Dias, C.J. 2956
Das-Gupta, D.K. *see* Neagu, E.R. 58959
Das-Gupta, D.K. *see* Scarpa, P.C.N. 13268
Das-Gupta, D.K. *see* Wenger, M.P. 43497
Das-Gupta, D.K. *see* Wenger, M.P. 43500
Das-Gupta, D.K. *see* Wubbenhorst, M. 54967
DaSalla, R.S. *see* Schwartz, R.W. 40509
Dasarathy, B.V. Sensor fusion potential exploitation–innovative architectures and illustrative applications 27439
Dasarathy, B.V. *see* Dasarathy, K.B. 37594
Dasarathy, B.V. *see* McCullough, C.L. 46196
Dasarathy, K.B., Chittur, K.K., Dasarathy, B.V. Analysis of skin oil by FT-IR spectroscopy 37594
Dasari, R.R. *see* Kyungwon An 23727
D'Asaro, L.A. *see* Goossen, K.W. 16494
D'Asaro, L.A. *see* Lentine, A.L. 3660
D'Asaro, L.A. *see* Lentine, A.L. 33316
Dascalescu, L., Mihailescu, M., Tobazcon, R. Modelling of conductive particle behaviour in insulating fluids affected by DC electric fields 33804
Dascalescu, L. *see* Iuga, A. 39450
Dascalescu, L. *see* Samuila, A. 33842
Dascalu, D. *see* Caldararu, M. 3451
Dascalu, D. *see* Cobianu, C. 40636
Dascalu, D. *see* Plugari, R. 42408
Dascalu, D. *see* Plugaru, R. 31772
Dascalu, D.C. *see* Popescu, D.S. 48740
Dascalu, H. *see* Cobianu, C. 40517
Daschmann, H. *see* Brasseur, O. 19538
Daschner, W., Long, P., Stein, R., Wu, C., Lee, S.H. General aspheric refractive micro-optics fabricated by optical lithography using a high energy beam sensitive glass gray-level mask 23629
D'Ascoli, L. *see* Profumo, A. 26396
D'Ascoli, L. *see* van Breemen, J. 26864
Dasdan, A., Aykanat, C. Two novel multiway circuit partitioning algorithms using relaxed locking 52992
Dasgupta, A., Karri, R. Simultaneous scheduling and binding for power minimization during microarchitecture synthesis 21438
Dasgupta, A. *see* Evans, J. 30238
Dasgupta, A. *see* Gupta, V.K. 30313
Dasgupta, A. *see* Kelkar, N. 52174
Dasgupta, A. *see* Ling, S. 30310
Dasgupta, C., Gogoi, A.K. Cavity excited surface wave dielectric tapered disk antenna 34337
Dasgupta, K. *see* Singh, S. 3951
Dasgupta, M. *see* Ophel, T.R. 49150
Dasgupta, S. Average quantizer adaptation rates for stable ADPCM 24630
Dasgupta, S. Average quantizer adaptation rates for stable nonstationary ADPCM 45651
Dasgupta, S., Chockalingam, G., Minuye Fu Stability and passivity analysis of systems with time varying parameters 40861
Dasgupta, S., Minyue Fu, Schwarz, C. Robust relative stability of time-invariant and time-varying lattice filters 45820
Dasgupta, S. *see* Williamson, G.A. 11591
DasGupta, U. *see* Allison, W.W.M. 37269
Dash, G.N. *see* Mishra, J.K. 3599
Dash, G.N. *see* Panda, A.K. 1704
Dash, G.N. *see* Panda, A.K. 2576
Dash, P.K., Satpathy, H.P., Liew, A.C., Rahman, S. A real-time short-term load forecasting system using functional link network 60332
Dash, P.K., Satpathy, H.P., Swain, D.P., Liew, A.C. New approach to daily and peak load predictions using a random vector functional link network 50485
Dash, P.K., Swain, D.P., Liew, A.C., Rahman, S. An adaptive linear combiner for on-line tracking of power system harmonics 19037
Dash, P.K., Swain, D.P., Routray, A., Liew, A.C. Harmonic estimation in a power system using adaptive perceptrons 8744
Dash, S.K. *see* Mishra, R.K. 4368
Dash, S.K. *see* Panda, A.K. 1704
Dashevsky, Z., Rabinovich, D., Fish, G., Kokolova, S., Lewis, A. Ultrafast response and high sensitivity semiconductor thermocouple 36546
Dashevsky, Z.M. Radiation defects induced by ion implantation as a promising method of doping semiconductor type $A^{IV}B^{IV}$ films 32159
Dashevsky, Z.M., Ashmontas, S., Vingelis, L., Gradauskas, I., Kasian, A.I. The thermoelectric power on p-n junction 31963
Dashiell, M.W. *see* Hannon, M.H. 37983
Dashney, G.B. Measure and calculate device thermal parameters 12851
Dasika, P. *see* Andersen, J.K. 33024
DaSilva, A. *see* Gaitskell, R.J. 37468
DaSilva, A. *see* Shutt, T. 37472
Dasilva, J.S., Arroyo, B., Barani, B., Ikonomou, D. European third-generation mobile systems 6585
Dasilva, J.S. *see* Ikonomou, D. 26657
Dasilva, J.Schwarz *see* Schwarz Dasilva, J.
daSilva, T. *see* Bhasavanich, D. 33878
daSilva, T. *see* Hammon, J. 51263
Dasiung Hsu *see* Hsu Dasiung
Daskalou, V.C. *see* Apostolopoulos, T.K. 46919
Daskalov, I., Indjov, B., Mudrov, M. Electrical dental pulp testing. Defining parameters for proper instrumentation 28370
Daskalov, I. *see* Dotsinsky, I. 18427
Daskalov, I.K. *see* Dotsinsky, I.A. 18473
Dasler, M. *see* Weber, J.-P. 16783
Dass, S.K. *see* Orvek, K.J. 2526
Dassanayake, P. *see* Zonoozi, M. 47730
Dassen, W.R.M., Mulleneers, R.G.A., Postma, E.O., Dijk, W.A., Haaksma, J., Verduyn, S.C., Vos, M.A. The influence of lead selection on the correlation dimension for quantification of the chaotic attractor underlying polymorphic tachyarrhythmias 49642
Dassen, W.R.M. *see* Dijk, W.A. 49838
Dassen, W.R.M. *see* Haaksma, J. 37772
Dassonville, S. *see* Herzog, U. 26313
Dassot, G., Blanpain, R. Data association from two acoustic-magnetic measurement sites 45991
Dassot, G. *see* Chichereau, C. 45985
d'Assuncao, A. *see* de Ribamar Silva Oliveira, J. 34204
D'Assuncao, A.G. *see* Mendonca, L.M.D. 45302
D'Assuncao, A.G. *see* Oliveira, J.D.R.S. 45390
Dastidar, P., Ryymin, P., Heinonen, T., Peltola, J., Elovaara, I. Semiautomatic technique for measuring lesion volumes using MR segmentation in the treatment and follow-up of multiple sclerosis patients 28283
Dastoor, A.P. *see* Deblonde, G. 60042
Datcu, M. Maximum entropy solution for interferometric SAR phase unwrapping 8363
Datcu, M., Luca, D., Seidel, K. Multiresolution analysis of SAR images 16951
Datczuk, A. *see* Klajn, A. 29473
Date, E.S., Gray, L.A. Electrodiagnostic evidence for cervical radiculopathy and suprascapular neuropathy in shoulder pain 28326
Date, E.S. *see* Wu, P.B.J. 28328
Date, H. *see* Yamada, N. 54471
Date, S., Soutome, K., Ando, A. RF noise and longitudinal emittance in an electron storage ring 17908
Date, S. *see* Ando, A. 7771
Date, S. *see* Inokawa, H. 2813
Date, S.K. *see* Santhosh, P.N. 41533
Date, S.K. *see* Shinde, S.R. 40694
Date, T., Fukino, M., Ogawa, M., Kawamura, A. 3D sound editing tool 17113
Datgong Wei *see* Heang-Ping Chan 57542
Datlinger, P. *see* Pinz, A. 18202
Datong Chen, Fetterman, H.R., Antao Chen, Steier, W.H., Dalton, L., Wenshen Wang, Yongqiang Shi High bandwidth polymer modulators 55306
Datong Wei *see* Petrick, N. 57540
Datong Wei *see* Sahiner, B. 57541
Datsko, B.I. Numerical modeling of microplasma instability 42067
Datskos, P.G., Oden, P.I., Thundat, T., Wachter, E.A., Warmack, R.J., Hunter, S.R. Remote infrared radiation detection using piezoresistive microcantilevers 7340
Datskos, P.G. *see* Oden, P.I. 7408
Datskos, P.G. *see* Oden, P.I. 27565
Datskos, P.G. *see* Wachter, E.A. 7325
Datt, S.C. *see* Keller, J.M. 54899
Datt, S.C. *see* Patil, P.E. 54880

Datta, A., Celik, A., Kim, J., VanderMeer, D.E., Kumar, V. Adaptive broadcast protocols to support power conservant retrieval by mobile users 57863
Datta, A., Pal, T., Parui, S.K. A modified self-organizing neural net for shape extraction 35341
Datta, A., Parui, S.K., Chaudhuri, B.B. Skeletal shape extraction from dot patterns by self-organization 15523
Datta, A. *see* Kuruvilla, B.A. 2353
Datta, A. *see* Sahoo, G. 4342
Datta, A.K., Bandyopadhyay, S. Microprocessor controlled optical neural architecture for binary pattern recognition 46085
Datta, D., Kishore, N.N. Features of ultrasonic wave propagation to identify defects in composite materials modelled by finite element method 11015
Datta, K., Jagadesh Kumar, M. C_{jc} and the output conductance of advanced bipolar junction transistors under nonlocal impact ionization conditions 22773
Datta, K. *see* Kumar, M.J. 54591
Datta, M. Electrochemical micromachining: an alternate microfabrication technology for MEMS 43376
Datta, R. *see* Allen, L.P. 12592
Datta, R. *see* Kundu, S. 31979
Datta, R. *see* Malhotra, S. 19979
Datta, R. *see* Malhotra, S. 51546
Datta, S., Sahdev, D. Fast algorithms for triangular Josephson junction arrays 55124
Datta, S. *see* Das, S. 55114
Datta, U. *see* Sarma, A.D. 51727
Datta Sujay *see* Sujay Datta
D'Attellis, C.E. *see* Blanco, S. 28348
D'Attellis, C.E. *see* Hamelin, J.I.A. 1004
D'Attellis, C.E. *see* Perez, L.V. 52870
Dattilo, V. *see* Ciofi, C. 2424
Dattilo, V. *see* Luiten, A.N. 48500
Dattoli, G., Dipace, A., Sabia, E., Torre, A., Voykov, G.K., Carpanese, M. A simple three-dimensional free electron laser code 3914
Dattoli, G. *see* Ciocci, F. 24032
Datum, G.C. *see* Yeh, Y.C.M. 37982
Datz, F.L. *see* Christian, P.E. 49834
Dau, F.Nguyen Van *see* Nguyen Van Dau, F.
Dau, T. *see* Kollmeier, B. 34672
Daub, K. *see* Idler, W. 24131
Daub, K. *see* Mikkelsen, B. 26895
Daub, K. *see* Wunstel, K. 36083
Daubaris, G. *see* Ragauskas, A. 18361
Daubaris, G. *see* Ragauskas, A. 49425
Daube-Witherspoon, M.E. *see* Goldstein, S.R. 28212
Daubenmier, C.M. *see* Gan, K.K. 37410
Daud, A., Futaki, H., Ohmi, K., Tanaka, S., Kobayashi, H. Transparent $Y_2O_2S:Eu^{3+}$ phosphor thin films grown by reactive evaporation and their luminescent properties 13824
Dauderstadt, U.A., de Vries, P.H.S., Hiratsuka, R., Korvink, J.G., Sarro, P.M., Baltes, H., Middelhoek, S. Simulation aspects of a thermal accelerometer [for automobile use] 36466
Daudin, B. *see* Brun-Le Cunff, D. 10699
Daudin, B. *see* Stifter, D. 54224
Dauelsberg, M. *see* Bergunde, T. 40324
Daugela, A., Fujii, H., Misaki, A. Nondestructive mechanical contact impedance and compliance testing of rubberlike materials 10987
Daugherty, J.E. *see* Takahashi, K.M. 12610
Daugherty, M.A., Daney, D.E., Prenger, F.C., Hill, D.D., Williams, P.M., Boenig, H.J. Assembly and testing of a composite heat pipe thermal intercept for HTS current leads [in HGMS system] 32952
Daugherty, M.D. *see* Albert, G.W. 43848
Daughton, J.M. Spin dependent transport devices 3261
Daughton, J.M. GMR sensors 48432
Daughton, J.M. *see* Pohm, A.V. 3257
Daughtry, C.S.T. *see* Corp, L.A. 8547
Daughtry, C.S.T. *see* Nagler, P.L. 8545
Dauksher, B. *see* Hector, S. 32290
Dauksher, W. *see* Laudon, M. 42885
Dauksher, W.J. *see* Cummings, K.D. 32296
Daulatabad, S.R. *see* Dixit, S.K. 23763
Daulle, A. *see* Xavier, P. 58962
Daum, D. *see* Hynynen, K. 8102
Daum, D.R. *see* Long, D.G. 8530
Daum, W. *see* Shi Ling 52917
Dauphin-Tanguy, G. *see* El Kamel, A. 53037
Dauphin-Tanguy, G. *see* Kubiak, P. 21063
Dauphin-Tanguy, G. *see* Lefevre, L. 53004
Dauphin-Tanguy, G. *see* Rahmani, A. 21062
Dauphin-Tanguy, G. *see* Rimaux, S. 60510
Dauplaise, H.M. *see* Davis, A. 22607
Daura, F. Simulation models for the investigation of EMC. I 4279
Daura, F. Simulation models for the investigation of EMC. II 4280
D'Auria, F. *see* Bovalini, R. 38579
D'Auria, G., Fabiani, D., Milocco, A., Rossi, C. A new electron gun modulator for the ELETTRA Linac 49304
D'Auria, S., Bates, R., Da Via, C., Del Papa, C., Gowdy, S., O'Shea, V., Raine, C., Smith, K. Gallium arsenide for vertex detectors 59251
D'Auria, S. *see* Amendolia, S.R. 37346
d'Ausbourg, B., Durrieu, G., Roche, P. Using flows for describing and verifying the behaviour of interactive systems 5904
Dausch, D.E., Furman, E., Wang, F., Haertling, G.H. PLZT-based multilayer composite thin films. II. Modeling of the dielectric and hysteresis properties 43490
Dausinger, F. *see* Kononenko, T.V. 43383
Daut, D.G. *see* Ching Yao Huang 46672
Daut, D.G. *see* Wu, J.-C. 56641
Dautet, H. *see* Dai, M. 23681
D'Auteuil, M. *see* Stryckman, D. 3807
Dautraix, I. *see* Hernandez, A. 28129
Dauwalder, R. *see* Kunniger, T. 28925
Dauwalter, C.R. *see* Taylor, W.P. 53726
Davancens, P., Meynard, T. Study of parallel multicell converters. I. Modelling 51112
Davancens, P., Meynard, T. Study of parallel multicell converters. II. Analysis of the model 51113
Davancens, R. *see* Saint-Pe, O. 49977
Davanipour, Z., Sobel, E., Bowman, J.D., Qian, Z., Will, A.D. Amyotrophic lateral sclerosis and occupational exposure to electromagnetic fields 49808
Davanloo, F., Korioth, J.L., Borovina, D.L., Krause, R.K., Collins, C.B., Agee, F.J., Hull, J.H., Kingsley, L.E. Stacked Blumlein pulse generators 51266
Davanloo, F. *see* Borovina, D.L. 51403
Davara, G. *see* Cheifetz, E. 22130
Davari, A., Adusumilli, S. Adaptive control of functional knee brace 59801
Davari, B. CMOS technology scaling, 0.1 μm and beyond 43292
Davari, B. *see* Assaderaghi, F. 2839
Davari, B. *see* Assaderaghi, F. 13001
Davari, B. *see* Su, L. 2793
Davari, B. *see* Subbanna, S. 41161
Davari, S. *see* Zhaohui Wang 6133
Davatzikos, C. Spatial normalization of 3D brain images using deformable models 7885
Davatzikos, C., Bryan, N. Using a deformable surface model to obtain a shape representation of the cortex 18269
Davatzikos, C., Vaillant, M., Resnick, S., Prince, J.L., Letovsky, S., Bryan, R.N. Morphological analysis of brain structures using spatial normalization 18390
Davazogloua, D. Determination of optical dispersion and film thickness of semiconducting disordered layers by transmission measurements: application for chemically vapor deposited Si and SnO_2 film 22204
Davcev, D. *see* Josifovski, L. 47364
Dave, D. *see* Zhongping Chen 28295
Dave, M. *see* Coates, J. 9972
Dave, M.P., Chauhan, S. A robust artificial neural network technique for dynamic stability assessment 28751
Dave, M.P. *see* Kumar, N. 28805
Dave, P., Sakurai, H. Maximal volume decomposition and its application to feature recognition 5531
Davenport, F.T. *see* Malone, N.S. 20226
Davenport, I.J., Mason, D.C., Flather, R.A., Gurney, C. Foreshore study through shoreline delineation 50208
Davenport, J.H. Galois groups and the simplification of polynomials 30414
Davenport, M. *see* Dutkiewicz, M. 28711
Davern, P., Scott, M. Fractal-based image steganography 24781
Davey, A.B. *see* Choi, W.K. 33149
Davey, A.B. *see* Mears, R.J. 3658
Davey, A.B. *see* Yim, L.W.K. 33161
Davey, A.B. *see* Yu, T.C.B. 23622
Davey, D. *see* Son, M. 27696
Davey, K. *see* Schaaf, J.C., Jr. 39290
Davey, K.R. Designing high temperature superconductor magnets 43852
Davey, M.V. *see* Turflinger, T.L. 43326
Davey, P.J. *see* Donnelly, T. 59823
David, A. *see* Sprecher, J. 61124
David, A.K. *see* Fang, D.Z. 60194
David, A.K. *see* Yu, C.W. 50368
David, D. *see* Peltie, P. 30339
David, D.C. *see* Brunett, B.A. 37310
David, E., Parpal, J.-L., Crine, J.-P. Aging of XLPE cable insulation under combined electrical and mechanical stresses 19359
David, G., Bussek, P., Jager, D. High resolution electro-optic measurements of 2-D field distributions inside MMIC devices 31517
David, G. *see* Croitoru, N. 59247
David, J.-Y. *see* Craignou, B. 26287
David, J.P.R. *see* Chen, Y.H. 23972
David, J.P.R. *see* Chen, Y.H. 44602
David, J.P.R. *see* Dunn, G.M. 12873
David, J.P.R. *see* Dunn, G.M. 36570
David, J.P.R. *see* Dunn, G.M. 42924
David, J.P.R. *see* Dunn, G.M. 43148
David, J.P.R. *see* Griffin, P.R. 3601
David, J.P.R. *see* Mazzer, M. 31995
David, J.P.R. *see* Plimmer, S.A. 2584
David, J.P.R. *see* Plimmer, S.A. 42906
David, J.P.R. *see* Roberts, J.S. 40487
David, J.P.R. *see* Sale, T.E. 44552
David, J.P.R. *see* Wilson, L.R. 42110
David, L. *see* Kovacs, B. 32237
David, M. *see* Cottereau, A. 39434
David, M.W.A. *see* Stone, J.J. 36328
David, P. Real-time target acquisition for the Army's scout mission 50263
David, P.A., Shurmer, M. Formal standards-setting for global telecommunications and information services: towards an institutional regime transformation? 26004
David, P.A., Steinmueller, W.E. Standards, trade and competition in the emerging global information infrastructure environment 25995
David, V., Antoniu, M., Vremera, E. A triaxis broadband magnetic field meter 27490
David, W.S., Doyle, J.J. Segmental near nerve sensory conduction studies of the medial and lateral plantar nerve 28329
David, Y. *see* Paperman, W.D. 59831
David Yang Hung-Yu *see* Hung-Yu David Yang
Davide, A.M. *see* Marco, S. 17583
Davide, F. *see* Di Natale, C. 27463
Davide, F. *see* Di Natale, C. 58885
Davide, F. *see* Holmberg, M. 36784
Davide, F.A.M., Di Natale, E., Holmberg, M., Winquist, F. Frequency analysis of drift in chemical sensors 58898
Davidenko, M.G. *see* Polyakov, P.F. 27060
Davidenko, N.A., Kuvshinsky, N.G. Spin-dependent effects in charge carrier photogeneration in amorphous molecular semiconductor with charge transfer-complex centers 44203
Davido, K.W. *see* Chan, E.Y. 228
Davidov, D. *see* Cohen, G.B. 33144
Davidov, D. *see* Noach, S. 17621
Davidovich, T. *see* Serak, S. 14292
Davids, C.N. *see* Back, B.B. 7832
Davidsen, R.E., Smith, S.W. Relaxor ferroelectric materials in two-dimensional transducer arrays 28104
Davidsen, R.E. *see* Smith, S.W. 18369
Davidson, A., Hill, C. Measurement of building penetration into medium buildings at 900 and 1500 MHz 34071
Davidson, A. *see* Csillag, F. 8415
Davidson, A.C., Wise, F.W., Compton, R.C., Emerson, D.T., Shealy, J.R., Currie, M., Wang, C.-C. High-performance MSM photodetectors using Cu Schottky contacts 58752
Davidson, A.J. *see* Kale, G.M. 27533
Davidson, A.J. *see* Kale, G.M. 27758
Davidson, B.R., Hart, L., Newman, R.C., Joyce, T.B., Bullough, T.J., Button, C.C. Carbon δ-doping GaAs superlattices 766
Davidson, C.R. *see* Bergano, N.S. 26823
Davidson, D.B. *see* Meyer, F.J.C. 4244
Davidson, F. *see* Chen-Chia Wang 3598
Davidson, F. *see* Chen-Chia Wang 23657
Davidson, F. *see* Chen-Chia Wang 32974
Davidson, F. *see* Cole, T.D. 49892
Davidson, F.M. *see* Lobitz, D.W. 20062
Davidson, G. *see* Crawford, D.F. 27123
Davidson, G.W. Some general properties of SAR signals and processing algorithms 16875
Davidson, G.W., Bamler, R. A multiresolution approach to improve phase unwrapping 8362
Davidson, G.W., Bamler, R. Robust 2-D phase unwrapping based on multiresolution 48074
Davidson, G.W. *see* Bamler, R. 48073
Davidson, H.L. *see* Kerns, J.A. 10959
Davidson, I.M. *see* Beauchamp, P.M. 59963
Davidson, J. *see* Engebretson, C.J. 15925
Davidson, J.A., Evans, J.H. Electron and hole capture kinetics at gold-hydrogen complexes in n-type silicon 12204
Davidson, J.A., Evans, J.H. Detection statistics of deep levels in minority carrier transient spectroscopy 32355
Davidson, J.L. *see* Gurbuz, Y. 27729
Davidson, J.L. *see* Gurbuz, Y. 36780
Davidson, J.L. *see* Kang, W.P. 13175
Davidson, J.L. *see* Kang, W.P. 53964
Davidson, J.L. *see* Ned, A.A. 27520
Davidson, J.L. *see* Tolk, N.H. 2392
Davidson, J.M. *see* Beauchamp, P.M. 36693
Davidson, J.M. *see* Rodgers, D.H. 59861
Davidson, J.W. *see* Buksa, J.J. 7759
Davidson, K.L. *see* Wackerman, C.C. 18844
Davidson, M. Interaction of a wind farm with the distribution network and its effect on voltage quality 29179
Davidson, M.J.W., Steingiesser, R., Kuhbauch, W., Vescovi, F., Tano, F. SIR-C polarimetric backscatter features of agricultural land cover types early during the growing season 18935
Davidson, M.W.J., Steingiesser, R., Kuhbauch, W. Assessing agricultural land use early during the growing season using multi-frequency and multi-polarisation SIR-C backscatter features 27038
Davidson, N. *see* Hasman, E. 33762
Davidson, P.M., Foote, G.S. An integrated computer control system for the ANU linac 49045
Davidson, R. *see* Michie, C. 17454
Davidson, R.C. *see* Chen Chiping 59124
Davidson, S. Relation of the Telecommunications Terminal Directives to the EMC Directive 26378
Davidson, T.N., Wong, K.M. Wavelet packet hopping 25073
Davidson, T.N. *see* Liu, J. 35253
Davidson, T.N. *see* Wu, J. 25852
Davies, A. *see* Warner, T.E. 27742
Davies, A.C. Periodic non-linear oscillations from bandpass ΣΔ modulators 1513

Davies, A.C., Petkov, G.P. Computing basins of attraction of limit-cycles in non-linear discrete-time systems 1606
Davies, A.C., Petkov, G.P. Zero-input oscillation bounds in a bandpass ΣΔ modulator 21767
Davies, A.E. *see* Brown, M.A. 43563
Davies, A.E. *see* Chen, G. 43534
Davies, A.E. *see* Chen, G. 54968
Davies, A.E. *see* Chen, G. 54972
Davies, A.E. *see* Dissado, L.A. 58091
Davies, A.E. *see* Lewin, P.L. 43519
Davies, A.E. *see* Wu, X. 43517
Davies, A.K. *see* Cabrera, B. 37470
Davies, A.K. *see* Shutt, T. 37472
Davies, A.R. *see* Banerji, J. 55754
Davies, C. *see* Blakemore, F.B. 29075
Davies, D.K. The ESD threat 24353
Davies, E.R. Shifts produced by mode filters on curved intensity contours 46066
Davies, G. *see* Rogoff, R. 2501
Davies, G.J. Recent results from UK dark matter experiments in the Boulby mine 28036
Davies, H.A. Nanocrystalline exchange-enhanced hard magnetic alloys 3249
Davies, H.A. *see* Ahmad, I. 3107
Davies, H.A. *see* Leonowicz, M. 3114
Davies, H.A. *see* Liu, J.F. 3106
Davies, J.A., Chen, C. Stability properties of coherently gyrating electron beams 7731
Davies, J.B. *see* Di Pasquale, F. 3479
Davies, J.H. *see* Cumming, D.R.S. 12379
Davies, J.H. *see* Skuras, E. 32001
Davies, J.J. *see* Orange, C. 31853
Davies, J.K. *see* Cesarsky, C.J. 36548
Davies, M. *see* Abbott, K.M. 50442
Davies, M. *see* Nesic, Z. 7168
Davies, N., Friday, A., Blair, G.S., Cheverst, K. Distributed systems support for adaptive mobile applications 47585
Davies, N.C. *see* Arthur, P.C. 38052
Davies, P.A. *see* Lima, C.R. 23896
Davies, P.J. On the stability of time-marching schemes for the general surface electric-field integral equation 4195
Davies, R.N. *see* Zuobin Wang 7640
Davies, S. *see* Collins, C.E. 53635
Davies, S. *see* Scott, C.J. 47405
Davies, S.R. Receiver technology for terahertz astronomy 58522
Davies, T. *see* Eyadeh, A. 35901
Davies, T.P., Dyson, P.L. An improved signal-to-noise ratio of a cool imaging photon detector for Fabry-Perot interferometer measurements of low-intensity air glow 60063
Davies, T.S., Jefferson, C.M., Larsen, N., Nouri, H. DC-DC power conversion for supercapacitor energy storage system 20177
Davies, T.S., Nouri, H. Power quality of grid connected wind turbine 19646
Davies, T.S., Nouri, H., Fairhurst, M. Experimental and theoretical study of heat transfer in switches 11819
Davies, T.S., Nouri, H., Jenkins, T., Patton, D. Erosion control of Ag CdO contactor contacts using electronics 11823
Davies, T.S. *see* Carse, B. 28727
Davies, W.S., Ozergun, N., Peacock, M.S., Cole, A.J., Potter, P.G. Wideband impulsive noise and its impact on ADSL in the Australian access network 47406
Daviet, J.-F. Rapid thermal processing of semiconductor wafers. An optimized approach using gas conduction in the molecular regime 42363
D'Avignon, G.R., Sauvageau, M. Multicriteria decision aid: a case of integration of technical, economic and environmental criteria at Hydro-Quebec 9122
Davila, A., Kaufmann, G.H., Kerr, D. Scale-space filter for smoothing electronic speckle pattern interferometry fringes 25314
Davila, M. *see* Roa, L. 22282
Davila-Roman, V.G. *see* Roman, J.R. 49618
Davis, A. Acceleration of analog simulation by partial LU decomposition 11066
Davis, A., Dauplaise, H.M., Vaccaro, K., Demczyk, B.G., Ramseyer, G.O., Lorenzo, J.P. Surface stabilization of InP using CdS thin films 22607
Davis, A. *see* Cherkasova, L. 26144
Davis, A.M. Analysis of delay circuits and systems using operators and causality 1091
Davis, B., DeLong, R. Combined remote key control and immobilization system for vehicle security 29843
Davis, B.L. *see* Dingwell, J.B. 8140
Davis, C. Integrated power MOSFET and Schottky diode improve power supply designs 38856
Davis, C. *see* Ha, J.C. 27618
Davis, C.A. *see* Bush, J. 48617
Davis, C.A. *see* Durandet, A. 40639
Davis, C.A. *see* La Rue, R.A. 41804
Davis, C.C., Atia, W.A., Gungor, A., Mazzoni, D.L., Pilevar, S., Smolyaninov, I.I. Scanning near-field optical microscopy and lithography with bare tapered optical fibers 55222
Davis, C.C. *see* Pilevar, S. 17449
Davis, C.C. *see* Smolyaninov, I.I. 12744
Davis, C.H. A robust threshold retracking algorithm for extracting ice-sheet surface elevations from satellite radar altimeters 8496
Davis, C.P. *see* Leung, D.A. 7970
Davis, D., Bennett, T., Harris, J. A very low cost 150 MBPS desktop CCSDS gateway 7202
Davis, D. *see* Badri, M.A. 60331
Davis, D. *see* Badri, M.A. 60331
Davis, D.C. *see* Calkins, D.E. 20704
Davis, D.L. *see* Moehring, M.A. 28193
Davis, D.M. *see* Arai, Y. 37267
Davis, D.M. *see* Arai, Y. 37268
Davis, D.T., Jenq-Neng Hwang Expanding Gaussian kernels for multivariate conditional density estimation 25220
Davis, D.T. *see* Geer, D.E., Jr. 45564
Davis, D.W. *see* Roman, J.R. 49618
Davis, G. Implicit image models in fractal image compression 25687
Davis, G., Danskin, J. Joint source and channel coding for image transmission over lossy packet networks 35330
Davis, G., Symula, T. Equipment characterization and integration building a foundation for quality 30169
Davis, G.M. Image compression via adaptive self-quantization of wavelet subtrees 25440
Davis, G.M., Danskin, J.N., Xiyong Song Joint source and channel coding for Internet image transmission 56718
Davis, G.R. Analytical algorithm for the generation of polygonal projection data for tomographic reconstruction 31004
Davis, G.T. *see* Giacometti, J.A. 2882
Davis, H. *see* Reass, W. 51257
Davis, J. *see* Bobick, A. 5084
Davis, J. *see* Bobick, A. 25458
Davis, J. *see* Hammond, R.T. 33921
Davis, J. *see* Rino, C.L. 50082
Davis, J. *see* Sanford, T.W.L. 7753
Davis, J. *see* Vasanth, K. 43029
Davis, J.A. Delay stability measurements made within a two-way time transfer system using satellite ranging from several locations 28560
Davis, J.A., De, V., Meindl, J. Optimal low power interconnect networks 2440
Davis, J.A., De, V.K., Meindl, J.D. A priori wiring estimations and optimal multilevel wiring networks for portable ULSI systems 2426
Davis, J.A., Eble, J.C., De, V.K., Meindl, J.D. A complete stochastic wiring distribution for gigascale integration (GSI) 42738
Davis, J.A., Jedwab, J. Peak-to-mean power control and error correction for OFDM transmission using Golay sequences and Reed-Muller codes 34562
Davis, J.A., Lewandowski, W., De Young, J.A., Kirchner, D., Hetzel, D., Parker, P., Klepczynski, W., De Jong, G., Soring, A., Baumont, F., Bartle, K.A., Ressler, H., Robnik, R., Veenstra, L. Comparison of Two-Way Satellite Time and Frequency Transfer and GPS Common-View time transfer during the INTELSTAT field trial 36360
Davis, J.A. *see* Hodge, C.C. 26674
Davis, J.A. *see* Hodge, C.C. 48173
Davis, J.C., Gyurcsik, R.S., Jye-Chyi Lu, Hughes-Oliver, J.M. A robust metric for measuring within-wafer uniformity 39862
Davis, J.C., Hughes-Oliver, J.M., Jye-Chi Lu, Gyurcsik, R.S. Improved within-wafer uniformity modeling through the use of maximum-likelihood estimation of the mean and covariance surfaces 910
Davis, J.G., LeCoz, C.R., Tomaine, J.J. Circuit board repair and engineering change for BGA 22030
Davis, J.L. *see* Jaldehag, R.T.K. 8351
Davis, J.M., Wanhainen, J.S. Solar dynamic power system on the International Space Station 18693
Davis, J.W. Improved arrival time detection for cardiac pulse transit sonomicrometry 37684
Davis, J.W. *see* Ming-Chien Shan 5992
Davis, K.M., Miura, K., Sugimoto, N., Hirao, K. Writing waveguides in glass with a femtosecond laser 3433
Davis, L., Delosme, J.-M., Catthoor, F. Parallel image/video processing and computer arithmetic 15576
Davis, L. *see* Cox, L.A., Jr. 46808
Davis, L. *see* Morimoto, C. 5619
Davis, L.C. *see* Ginder, J.M. 985
Davis, L.E. *see* Chin Soon Teoh 14650
Davis, L.E. *see* Drossos, G. 24564
Davis, L.E. *see* Drossos, G. 34216
Davis, L.E. *see* Fan, Z. 11637
Davis, L.E. *see* Lezhu Zhou 41390
Davis, L.E. *see* Lezhu Zhou 45288
Davis, L.E. *see* Sloan, R. 21871
Davis, L.S. *see* Bader, D.A. 5499
Davis, L.S. *see* Betke, M. 25775
Davis, L.S. *see* Horprasert, T. 57376
Davis, L.S. *see* Westling, M. 15529
Davis, M. Garage cinema and the future of media technology 48252
Davis, M. *see* Carlisle, R. 8654
Davis, M. *see* Farrell, T. 58336
Davis, M.A., Bellemore, D.G., Kersey, A.D., Putnam, M.A., Friebele, E.J., Idriss, R.L., Kodinduma, M. High sensor-count Bragg grating instrumentation system for large-scale structural monitoring applications 17451
Davis, M.A., Bellemore, D.G., Putnam, M.A., Kersey, A.D., Slattery, K.T., Corona, K., Schowengerdt, M. High strain monitoring in composite-wrapped concrete cylinders using embedded fiber Bragg grating arrays 17441
Davis, M.A., Kersey, A.D. Separating the temperature and strain effects on fiber Bragg grating sensors using stimulated Brillouin scattering 17408
Davis, M.A., Kersey, A.D. Simultaneous measurement of temperature and strain using fiber Bragg gratings and Brillouin scattering 48580
Davis, M.A., Kersey, A.D., Sirkis, J., Friebele, E.J. Shape and vibration mode sensing using a fiber optic Bragg grating array 36646
Davis, M.A. *see* Kersey, A.D. 36614
Davis, M.G. The effect of period generation techniques on period resolution and waveform jitter in VLSI test systems 48352
Davis, M.H.A., Wei Xing Zheng A new order estimation technique for time series modeling 40022
Davis, M.L., Masten, S.J. Design competitions: does "multidisciplinary" contribute to the team building experience? 20499
Davis, P. *see* Ichii, M. 23461
Davis, P. *see* Shul, R.J. 12783
Davis, P. *see* Yun Liu 25537
Davis, P.G. Special considerations for cleaning with alcohol 52198
Davis, P.W. *see* Baldick, R. 50306
Davis, R. *see* Ji, Y. 39394
Davis, R. *see* Lambson, C. 2547
Davis, R. *see* Yunfen Ji 39383
Davis, R.A. *see* Bretthauer, J.W. 17223
Davis, R.F. Silicon carbide: the premier paradigm for structural and microelectronic device applications in severe environments 43017
Davis, R.F., Weeks, T.W., Jr., Bremser, M.D., Tanaka, S., Kern, R.S., Sitar, Z., Ailey, K.S., Perry, W.G., Wang, C. Growth of AlN and GaN thin films via OMVPE and gas source MBE and their characterization 30828
Davis, R.F., Weeks, T.W., Jr., Bremser, M.D., Tanaka, S., Kern, R.S., Sitar, Z., Alley, K.S., Peny, W.G., Wang, C. Issues and examples regarding growth of AlN, GaN and $Al_xGa_{1-x}N$ thin films via OMVPE and gas source MBE 21248
Davis, R.F. *see* Aboelfotoh, M.O. 12557
Davis, R.F. *see* Benjamin, M.C. 780
Davis, R.F. *see* Bremser, M.D. 21270
Davis, R.F. *see* Edwards, N.V. 41982
Davis, R.F. *see* Gillis, H.P. 54460
Davis, R.F. *see* King, S.W. 12781
Davis, R.F. *see* Perry, W.G. 54090
Davis, R.F. *see* Smith, L.L. 12542
Davis, R.F. *see* Sumakeris, J.J. 10802
Davis, R.G. *see* Crouch, M.A. 54598
Davis, R.L. *see* Solomon, S.C. 60062
Davis, R.M. Least mean square phase-only adaptive algorithms 34833
Davis, R.S. *see* Quinn, T.J. 27387
Davis, S. Johns Hopkins scientists create all-polymer battery 51457
Davis, S. *see* Hansen, D.A. 54421
Davis, S.E. *see* Smith, I.W. 23718
Davis, T. *see* Fowler, L. 32521
Davis, T.A., Duff, I.S. An unsymmetric-pattern multifrontal method for sparse LU factorization 30611
Davis, T.A. *see* Amestoy, P.R. 597
Davis, T.J. *see* Wang, W.N. 10832
Davis, V.A., Gardner, B.M., Guidice, D.A. Modeling of parasitic current collection by solar arrays in low-earth orbit 9534
Davis, V.A., Gardner, B.M., Guidice, D.A. PASP Plus solar array parasitic current collection flight results 18700
Davis, V.A. *see* Cooke, D.L. 8223
Davis, V.A. *see* Enloe, C.L. 44912
Davis, W. The CAD challenges of designing low power, high performance VLSI system 21434
Davis, W. *see* Hoffman, R.W., Jr. 37977
Davis, W.A. *see* Bunting, C.F. 24326
Davis, W.A. *see* Jinwook Burm 42254
Davis, W.A. *see* LaPean, J.W., Jr. 34402
Davis, W.C. *see* Yong-Yi Yu 58860
Davison, A. An Internet chat server: building a telnet-based chat system in C 57871
D'Avitaya, F.Arnaud *see* Arnaud D'Avitaya, F.
Daviti, M., Paraskevopoulos, K.M., Anagnostopoulos, A., Polychroniadis, E.K. Growth, optical and electrical characterization of $HgBr_{1.16}I_{0.84}$ single crystals 30691
Davletshina, Z.Yu. *see* Voskovtsova, L.M. 13532
Davoli, F., Khan, O., Maryni, P. Estimating the available bandwidth for real-time traffic over best effort networks 6343
Davoli, F., Maryni, P., Zappatore, S., Talone, P. Interactive distance learning over ISDN in electronic engineering education 20444
Davoli, F. *see* Bolla, R. 5742
Davoli, F. *see* Bolla, R. 25981
Davoli, F. *see* Bolla, R. 35402
Davoli, F. *see* Bolla, R. 46701
Davoli, F. *see* Bolla, R. 47720
Davoli, F. *see* Bolla, R. 58062
Davoli, F. *see* Christillin, M. 57728
Davriu, A., Lauzanne, B., Mallet, P., Pramayon, P. Considering the FACTS for the planning of the very high voltage network; the EDF approach 50487
Davros, W.J., Obuchowski, N.A., Berman, P.M., Zeman, R.K. A phantom study: evaluation of renal artery stenosis using helical CT and 3D reconstructions 59454

Davy, E.C., Dudfield, H.J., Hardiman, T.D., Doyle, A.J.R. Attitude symbology issues for helmet-mounted displays 18635
Davy, R.J. *see* Hiskens, I.A. 50324
Davy, S., Spajer, M. Near field optics: snapshot of the field emitted by a nanosource using a photo-sensitive polymer 12829
Davy, S. *see* Coluzza, C. 12518
Davydov, A. *see* Chang, C.H. 39077
Davydov, A.V., Skovorodnikov, I.G., Davydov, V.A. Method of γ-assaying of rocks and ores 60034
Davydov, B.L. *see* Chernikov, S.V. 33418
Davydov, D.V. *see* Lebedev, A.A. 12329
Davydov, M.A. *see* Tsipenyuk, D.Y. 8553
Davydov, N.I. Experience in developing automatic process control systems on the basis of the Kvint firmware system [for power stations] 38615
Davydov, N.I., Nazarov, A.A., Smorodov, N.V., Tarasov, D.V., Yakhin, E.A. The process control system for a cogeneration power unit based on the Kvint firmware system 19529
Davydov, V.A. *see* Davydov, A.V. 60034
Daw, A.N. *see* Basu, S. 12902
Daw-Shang Hwang, Shao-Kung Chang, Pau-Lo Hsu A practical design for a robust fault detection and isolation system 39866
Dawant, B.M. *see* Maurer, C.R., Jr. 7886
Dawant, B.M. *see* Maurer, C.R., Jr. 18274
Dawar, A.L., Mehta, V., Mansingh, A., Rup, R. Optical and acousto-optical properties of Nd:phosphate glasses 32970
Dawar, A.L. *see* Arora, V.K. 27581
Dawdy, J.R. Test and the corrective action process, a systems perspective of ISO-9002 52309
Dawei Mo *see* Mo Dawei
Daweritz, L. *see* Notzel, R. 44662
Dawes, J. *see* Yujing Huo 3779
Dawes, N. *see* Pagurek, B. 35649
Dawes, R.L. *see* Bodine, H.L. 15233
Dawidziuk, A. *see* Paasio, A. 1670
Dawidziuk, A. *see* Paasio, A. 31434
Dawidziuk, A. *see* Paasio, A. 31440
Dawidziuk, A. *see* Paasio, A. 53480
Dawidziuk, J., Jalbrzykowski, S., Prajs, Z. A comparative analysis of simulation and experimental investigations of chosen soft-switched inverter topology 9400
Dawkes, H. *see* Su, H. 11063
Dawnay, E.J.C. *see* Fardad, M.A. 3419
Dawoud, M.M. *see* Abdel-Magid, Y.L. 38277
Dawoud, M.M. *see* Abdel-Magid, Y.L. 60461
Dawson, C., Schultz, C.J. An assessment of lead exposure to wave solder machine and solder pot preventative maintenance workers in an electronics assembly operation 39694
Dawson, D. *see* Andrade, R.A. 5463
Dawson, D. *see* Burg, T. 2344
Dawson, D. *see* Vedagarbha, P. 50985
Dawson, D.M. *see* De Queiroz, M.S. 43731
Dawson, D.M. *see* Singh, R. 22493
Dawson, D.M. *see* Vedagarbha, P. 9221
Dawson, D.W.W., Hart, C., Gilbert, B.S., III, Andrade, R.A., Blatt, J.H. Position of firing pin shape and 3-D matching of shells and firing pins based on firing pin impressions in primers 46060
Dawson, E., He, J. Another approach to software key escrow encryption 24807
Dawson, E. *see* Carter, G. 4490
Dawson, E. *see* Wu, C.-K. 24806
Dawson, F. *see* Gao, G. 60675
Dawson, F.P. *see* Iwahara, M. 38844
Dawson, F.P. *see* Wei Yan 39386
Dawson, F.P. *see* Wei Yan 39387
Dawson, F.P. *see* Yamada, S. 994
Dawson, I. *see* Beringer, J. 37394
Dawson, J., Kahler, D., Gu, J., McDonald, B., Abrath, F., Kopecky, W. Flatness characteristics for diagonal scans from Varian and Siemens linear accelerators 37868
Dawson, J.C. *see* Ali-Ahmad, W.Y. 17215
Dawson, J.F. *see* Ganley, M.D. 31051
Dawson, J.M. Manipulating charged particle beams and light by means of plasma 59144
Dawson, J.W., MacDougall, T.W., Hernandez, E. High-performance magnetic field and quasi-current sensors 17461
Dawson, J.W. *see* Allison, W.W.M. 37269
Dawson, M.S., Fung, A.K., Manry, M.T. A robust statistical-based estimator for soil moisture retrieval from radar measurements 28651
Dawson, P. *see* Albagli, A. 20733
Dawson, P. *see* Buckle, P.D. 53636
Dawson, P. *see* Halsall, M.P. 31967
Dawson, T.W., De Moerloose, J., Stuchly, M.A. Comparison of magnetically induced ELF fields in humans computed by FDTD and scalar potential FD codes 28455
Dawson, T.W., Stuchly, M.A. Analytic validation of a three-dimensional scalar-potential finite-difference code for low-frequency magnetic induction 24361
Dawson, T.W., Stuchly, M.A. An analytic solution for verification of computer models for low-frequency magnetic induction 55969
Dawson, T.W. *see* De Moerloose, J. 55956
Dawson-Howe, K.M. Lossless image compression using a simple prediction method 4486
Dawson-Maddocks, A., Cooper, D., Scobie, C. Operations and maintenance centre: delivering network services 35569
Dax, A. *see* Buescher, S. 55507
Dax, D.A. *see* Fink, T. 7160
Dax, M. Advancements in scanning electron microscopes 52318
Daxhelet, X., Lacroix, S., Gonthier, F. Fibre mode expansion for 2-D waveguide calculations 55185
Daxhelet, X. *see* Gonthier, F. 26752
Daxin Xu *see* Xu Daxin
Daxing Han, Keda Wang, Von Roedern, B. Dispersive-transport-controlled luminescence in hydrogenated amorphous silicon 12300
Daxwanger, W.A., Schmidt, G. Neural and fuzzy approaches to vision-based parking control 7414
Day, G.W. *see* Rochford, K.B. 59064
Day, G.W. *see* Rose, A.H. 7382
Day, J.K. Space-time adaptive processing from an airborne early warning radar perspective 16888
Day, P. *see* Furber, S.B. 53329
Day, S., Stagg, J.P., Moule, D., Clements, S.J., Rogers, C., Ojha, S., Clapp, T., Brook, J., Morley, J. The elimination of sidelobes in the arrayed waveguide WDM 26930
Day, S.E. *see* Di Pasquale, F. 3479
Day, T. *see* Bortz, M. 10843
Day-Fann Shen Segmentation-based motion estimation and residual coding for packet video 15978
Daya, M., Malmberg, C. Making life easier--network design and management tools 16620
Dayawansa, M. *see* Thomasson, D.B. 32425
Dayde, M.J., L'Excellent, J.-Y., Gould, N.I.M. Preprocessing of sparse unassembled linear systems for efficient solution using element-by-element preconditioners 10475
Dayer, C. *see* Dimmler, M. 19782
Daykin, A.C. *see* Newnham, S.J. 3111
Dayou, S. *see* Shengli, L. 35545
Dayton, D., Sandven, S., Gonglewski, J. Signal-to-noise and convergence properties of a modified Richardson-Lucy algorithm with Knox-Thompson start point 15943
Dayton, D.C. *see* Gonglewski, J.D. 27649
Dayton, J.A., Jr. *see* Krainsky, I.L. 41761
Dayton, P. *see* Ferrara, K.W. 28186
Dayton, T.C. *see* Edwards, D.B. 61028
Dayu He *see* He Dayu
Dazhi Li *see* Li Dazhi
Dazhong Wang *see* Wang Dazhong
Dazun Zhao *see* Manqing Tan 33216
Dazun Zhao *see* Zhao Dazun
D'Costa, N.P. *see* Antonik, M.D. 58857
D'Couto, C., Jingbao Liu Matching equipment and process through the use of residual gas analysis 39729
De, B.K., Sarkar, S.K. Regular and seasonal behaviour of atmospheric radio noise field strength (ARNFS) over low latitude station Calcutta 24503
D'E, J.T.Barei *see* Barei D'E, J.T.
De, K. *see* Barrette, T. 22939
De, P. Computer simulation of series resistance of an SDR silicon IMPATT diode in the X-band 11690
De, P., Paul, B.C. An optimum design guide to low-high-low DDR Si Impatt diode for (80-150) GHz band 21926
De, S. *see* Nag, P.K. 50799
De, S.K. *see* Dowlatshahi, M. 57573
De, S.S., Ghosh, A.K., Bera, M., Hajra, A., Haldar, J.C. Influence of built-in potential on the effective surface recombination velocity for a heavily doped high-low junction 22305
De, V. *see* Davis, J.A. 2440
De, V.K., Meindl, J.D. A dynamic energy recycling logic family for ultra-low-power gigascale integration (GSI) 11330
De, V.K., Meindl, J.D. Opportunities for non-dissipative computation [adiabatic logic] 11400
De, V.K., Xinghai Tang, Meindl, J.D. Random MOSFET parameter fluctuation limits to gigascale integration (GSI) 2656
De, V.K., Xinghai Tang, Meindl, J.D. Scaling limits of Si MOSFET technology imposed by random parameter fluctuations 2698
De, V.K. *see* Bhavnagarwala, A.J. 13131
De, V.K. *see* Bhavnagarwala, A.J. 13142
De, V.K. *see* Davis, J.A. 2426
De, V.K. *see* Davis, J.A. 42738
De, V.K. *see* Eble, J.C. 13112
De, V.K. *see* Xinghai Tang 12961
de A. Leister, M. *see* Finamore, W.A. 56763
de Abreu, M.Gama *see* Gama de Abreu, M.
de Albuquerque Araujo, A., Bertrand, G. Enhancement of paintings: infrared photography using mathematical morphology and topological processing 35265
de Almeida, A.T. *see* Marques, L. 7329
de Almeida, S.F.M. *see* de Faria, A.R. 51441
de Alvarenga, B.Pinheiro *see* Pinheiro de Alvarenga, B.
De Amici, G. *see* Torres, S. 36292
de Amorim, H.S. *see* Sanchez Li, J.L. 3043
de Andrade, E.Sebastiao *see* Sebastiao de Andrade, E.
De Andres, A. *see* Prieto, C. 13436
De Andres, P.L. *see* Saiz-Pardo, R. 2240
De Angel, E., Chowdhury, A., Swartzlander, E.E. The star multiplier 1481
De Angel, E., Swartzlander, E.E., Jr. Survey of low power techniques for VLSI design 21551
de Angel, E., Swartzlander, E.E., Jr. Low power parallel multipliers 31188
De Angelis, C., Laureti-Palma, A., Nalesso, G.F., Someda, C.G. On the modelling of nonlinear guided-wave optics for all-optical signal processing 55249
De Angelis, C. *see* Capobianco, A.D. 58372
De Angelis, C. *see* Onori, S. 28476
De Angelis, G., Gagliardi, F., La Scala, M., Lauria, D. Transient voltage stability signature in time domain simulations 8762
de Angelis, M., de Nicola, S., Ferraro, P., Finizio, A., Pierattini, G. A reflective grating interferometer for measuring the refractive index of liquids 17825
de Angulo, L.Ruiz *see* Ruiz de Angulo, L.
De Antoni, P. *see* Lebrun, F. 37347
De Antonis, P., Morton, E.J., Menezes, T. Measuring the bulk resistivity of CdZnTe single crystal detectors using a contactless alternating electric field method 36834
De Aragao Filho, W.C.P., Barbi, I. A comparison between two current-fed push-pull DC-DC converters--analysis, design and experimentation 51280
de Araujo, C.A.Paz *see* Paz de Araujo, C.A.
De Araujo, C.B. *see* Acioli, L.H. 3720
de Araujo, C.B. *see* Demenicis, L. 55847
De Araujo, C.B. *see* Maciel, G.S. 44744
de Araujo, C.B. *see* Weiss, M.N. 13648
De Araujo, M.T., Neto, J.A.M., Sombra, A.S.B., Oliveira, A.S., Gouveia-Neto, A.S. Multiwavelength frequency-doubling in bulk gallium-lanthanum-sulphide glasses for optical fiber amplifiers at 1.3 μm 33400
de Araujo, M.T., Vermelho, M.V.D., Hickmann, J.M., Gouveia-Neto, A.S., Dini, D.C., Celaschi, S. Efficient third-harmonic blue-violet light generation in bulk germanosilicate and Er^{3+}-doped germanosilicate glasses pumped at 1.319 μm 33659
de Araujo, M.T. *see* Amorim, H.T. 14362
De Asmundis, R. *see* Adam, A. 37280
De Asmundis, R. *see* Aloisio, A. 37491
de Assis Silva, F.Morais *see* Morais de Assis Silva, F.
de Azevedo, F.M. *see* Coimbra, A.J.F. 34739
De Azevedo, M.M.P., Amaral, V.S., Sousa, J.B., Freitas, P.P. Temperature dependence of the electrical resistivity and magnetoresistance of $Co/Au_{1-x}Cu_x$ multilayers 3187
de Azevedo Marques, P.M., Ferrari, R.J., Schiabel, H., Oliveira, H.J.Q., Marques, M.A., Frere, A.F., Pereira, A.S. Evaluating the focal spot MTF in all field locations by computer simulation 37705
de B. Oliveria-Neto, L., da Silva, G.J.F.T., Khoury, A.Z., Rios Leite, J.R. Average intensity and bifurcations in a pulsed laser 13930
de Baca, M.C. *see* Driver, T. 11694
De Baets, B. *see* Tsiporkova-Hristoskova, E. 10293
De Baetselier, E., Goedertier, W., De Mey, G. A survey of the thermal stability of an active heat sink 290
de Bakker, M., Verbeek, P.W., van den Ouden, F., Steenvoorden, G.K. High-speed acquisition of range images 7432
De Barnardi, C. *see* Gnazzo, A. 44018
De Barrio, E.Cebrian *see* Cebrian De Barrio, E.
de Barros, M.R.X. *see* Nykolak, G. 58373
de Barros, M.T.Correia *see* Correia de Barros, M.T.
de Barros, O., Le Tron, B., Woods, R.C., Giroult-Matlakowski, G., Vincent, G., Bremond, G. Electrical characterisation of SiGe heterojunction bipolar transistors and Si pseudo-HBTS 2599
De Barros Correia, P. *see* Balestieri, J.A.P. 50758
De Battisti, A., Nanni, L., Battaglin, G., Comninellis, C. Oxide electrocatalysts. The case of RuO_2-based film electrodes 9494
de Beaucoudrey, N., Miller, J.M., Chavel, P., Turunen, J. On the design and fabrication of high efficiency inclined binary high frequency gratings 3448
de Beauvoir, B., Net, F., Julien, L., Biraben, F., Cagnac, B., Zondy, J.J., Touahri, D., Acef, O., Hilico, L., Clairon, A. Transmission of an optical frequency through a 3 km long optical fiber: application to absolute optical frequency measurements in hydrogen 27263
de Beauvoir, B. *see* Bourzeix, S. 14364
de Beauvoir, B. *see* Touahri, D. 14172
de Beeck, E.Op *see* Op de Beeck, E.
De Beeck, M.O. *see* Lin, C.-H. 2529
de Beeck, M.Op *see* Op de Beeck, M.
de Beer, J.G., Worrell, E., Blok, K. Sectoral potentials for energy efficiency improvements in the Netherlands 20259
de Bellefon, A. Dark matter search with thermal detectors 28035
De Benito, C. *see* Segura, J. 2640
de Berc, J.-S.Bes *see* Bes de Berc, J.-S.
de Bergevin, F. *see* Goulon, J. 49357
De Beukeleer, M. *see* Verellen, D. 8089
De Bias, J.H. *see* Ramos, J. 6449
De Biasi, R.S., Grillo, M.L.N. FMR study of crystallization in the amorphous alloy $Co_{76}Fe_2Mn_4B_{12}Si_6$ (Metglas 2705MN) 3045
de Biasi, V. Duke power 1200 MW peaking station under budget and ahead of schedule 38621
De Blasio, G. *see* Barbagallo, S. 31275
De Blauwe, J., Van Houdt, J., Wellekens, D., Degraeve, R., Roussel, P., Haspeslagh, L., Deform, L., Groeseneken, G., Maes, H.E. A new quantitative model to predict SILC-related disturb characteristics in flash E^2PROM devices 41148

De Blauwe, J. *see* Degraeve, R. 43239
De Blok, K. *see* Zylbersztejn, A. 26901
de Boeck, J., van Roy, W., Bruynseraede, C., van Esch, A., Bender, H., van Hoof, C., Borghs, G. Ferromagnetic Mn-based thin films with perpendicular magnetization on semiconductors 30825
De Boeck, W. *see* Bruggeman, M. 37369
De Boer, A. *see* Van den Bogaart, F.L.M. 53656
de Boer, C., Smeulders, A.W.M. BESSI: an experimentation system for vision module evaluation 5598
de Boer, F.R. The magnetization process in free single-crystalline particles of rare-earth-transition-metal compounds 3178
de Boer, F.R. *see* Solzi, M. 3130
de Boer, F.R. *see* Wang, J.L. 23297
De Boer, H.A. *see* Van den Bosch, P.J. 59456
de Boer, J.F. *see* Verkruysse, W. 37871
De Boer, M. *see* Jansen, H. 42495
De Boer, P.-T., Nicola, V.F. Analysis of per-stream consecutive cell loss in a multiple source queueing model 35778
de Boer, R. Efficient worst case circuit design with realistic SPICE modelling parameters 21431
De Boer, W. *see* Becks, K.H. 59228
De Boer, W.B. *see* Cowern, N.E.B. 42049
De Bona, F., Soma, A. Thermal expansion measurement of composites with optical heterodyne interferometry 48972
De Bonis, I. *see* Arisaka, K. 37239
De Bonis, I. *see* Arisaka, K. 37460
de Bonneval, A. *see* Zamai, E. 48366
De Bont, J.G.M. *see* Nagelkerke, J.F. 33775
De Bortoli, M. *see* Ferrero, U. 6366
De Bortoli, M. *see* Passeri, P. 47429
De Bouard, D. *see* Chiaroni, D. 16733
De Bouard, D. *see* Chiaroni, D. 26446
de Bougrenet de la Tocnaye, J.L., Dupont, L. Complex amplitude modulation by use of liquid-crystal spatial light modulators 55321
de Bougrenet de la Tocnaye, J.L. *see* Alfalou, A. 5451
de Bougrenet de la Tocnaye, J.L. *see* Berthele, P. 33760
de Bougrenet de la Tocnaye, J.L. *see* Moignard, R. 5237
de Bree, H.-E., Leussink, P., Korthorst, T., Jansen, H., Lammerink, T.S.J., Elwenspoek, M. The μ-flown: a novel device for measuring acoustic flows 13166
De Brion, J.P. *see* Loulergue, A. 37088
de Bruin, A., Beukers, J. Internet telephony 26064
de Bruin, A. *see* Plaat, A. 30509
De Bruin, R. The key to information security 45549
de Bruyn Ouboter, R. *see* Vleeming, B.J. 3287
de Buda, P.G. Clarifications regarding optimal lattice codes 45637
de C. Chamon, C., Freed, D.E., Kivelson, S.A., Sondhi, S.L., Wen, X.G. Two point-contact interferometer for quantum Hall systems 43159
de C. Pinto, A., Harrison, P.G. Response time distributions in packet-switched banyan networks 5827
de Campos, J.A.Ramos *see* Ramos de Campos, J.A.
De Capitani di Vimercati, S., Samarati, P. An authorization model for federated systems 16327
De Caprio, L. *see* Migaux, M.L. 49635
de Carcer, I.Aguirre *see* Aguirre de Carcer, I.
de Cari, G. Optical connectors with variable attenuation 6818
De Cari, G. The RAMBUS technology 53289
de Carlan, L., Burger, P., Cahan, B., Franck, D., Mazur, C., Passerieux, J.P., Pihet, P. Discrete analog electronics for high-resistivity silicon detectors used for X-ray and γ-ray spectroscopy in whole-body monitoring 37504
de Carmen Lasprilla, M. *see* Granieri, S. 13793
De Caro, L. *see* Giannini, C. 42220
De Caro, L. *see* Gusso, M. 42122
De Carvalho, E., Slock, D.T.M. Maximum-likelihood blind equalization of multiple FIR channels 25827
de Carvalho, E. *see* Frejlich, J. 59028
de Carvalho, M.M.G. *see* de Oliveira, C.E.M. 27397
De Carvalho, R.T., Blake, J. Experiment to separate the Fresnel drag and Sagnac effects in a fiber optic gyro 27621
de Carvalho, R.T. *see* Short, S.X. 7393
De Castro, A.J. *see* Meneses, J. 3555
De Castro, M. *see* Munuzuri, A.P. 21472
de Castro, P.M.S.T. *see* De Moura, M.F.S.F. 52575
de Castro, S.G.C. *see* Zanatta, A.R. 2067
De Cataldo, G. *see* Barbarito, E. 18093
De Cesare, A. *see* Sebbahi, A. 59486
De Cesare, G., La Monica, S., Maiello, G., Masini, G., Proverbio, E., Ferrari, A., Chitica, N., Dinescu, M., Alexandrescu, R., Morjan, I., Rotiu C, E. Crystallization of silicon carbide thin films by pulsed laser irradiation 832
De Cesare, G. *see* Caputo, D. 9543
de Cesare, G. *see* Caputo, D. 12869
De Cesare, G. *see* Di Cocco, G. 59368
De Cesare, G. *see* Ferrari, A. 42504
De Cesare, G. *see* Grassi, D. 7849
De Cesare, G. *see* Ramunno, G. 37332
De Ceuninck, W. *see* D'Haeger, V. 42765
de Charette, R., Coste, F., Sabatier, L., Chevalier, J.-P. Real time control in pulsed laser welding 20275
De Cicco, G. *see* Morten, B. 36460
De Clercq, B. *see* Vetelino, K.A. 17294
de Clercq, E., Makdissi, A. Current status of the LPTF optically pumped Cs beam standard 48316
de Clercq, E. *see* Makdissi, A. 27254
de Clercq, E. *see* Makdissi, A. 27278
de Cogan, D. Problem-size reduction in thermal models 42902
De Cogan, D. *see* Gui, X. 45275
de Cola, G. *see* Contini, S. 20989
de Colstoun, E.C.Brown *see* Brown de Colstoun, E.C.
de Corbet, J.-P.d'Ales *see* d'Ales de Corbet, J.-P.
De Coursey, R.J., Osborn, M.T., Winker, D.M., Woods, D.C. Recent modifications, enhancements and measurements with an airborne lidar system 8463
de Courville, M., Duhamel, P., Madec, P., Palicot, J. Blind equalization of OFDM systems based on the minimization of a quadratic criterion 5769
de Cremoux, G., Dubois, E., Bardy, S., Lebailly, J. Simulations and measurements of cross-talk phenomena in BiCMOS technology for hard disk drives 43348
De Cubber, A.M., De Smet, H., De Vos, J., Carchon, N., Van Calster, A. Complementary high-voltage technology based on n-type CdSe:In and p-type Ge:Cu thin-film transistors 12969
de Dear, R. *see* Fountain, M. 51637
De Deene, Y. *see* Van De Walle, R. 46266
de Diego, J.M. *see* Leturiondo, L. 8974
De Dios, T.V. *see* Ned, A.A. 27520
de Dios Ortuzar, J. Stated preference data collection: from design to implementation 21051
De Dominicis, R. *see* Bucci, G. 15427
de Dompablo, M.E.Arroyo y *see* Arroyo y de Dompablo, M.E.
De Doncker, E., Ealy, P., Gupta, A. Finite element applications of parallel adaptive integration strategies 21163
de Doncker, E., Gupta, A., Greenwood, G. Adaptive integration using evolutionary strategies 21162
De Doncker, R.W. *see* Piccone, D.E. 31095
de Dreuille, O. *see* Vera, P. 37674
de Espinosa, F.Montero *see* Montero de Espinosa, F.
de Espinosa, F.R.Montero *see* Montero de Espinosa, F.R.
de Faria, A.R., de Almeida, S.F.M. Modeling of actively damped beams with piezoelectric actuators with finite stiffness bond 51441
de Faria, S., Ghanbari, M. B-spline filter banks for very low bit rate coding 5176
De Faria, S.M.M., Ghanbari, M. Bidirectional geometric transform motion compensation for low bit rate video coding 15630
de Fatis, T.Tabarelli *see* Tabarelli de Fatis, T.
de Fays, M. *see* Averin, S. 13853
de Feo, M., Graziano, A., Miglioli, R., Farina, A. IMMJPDA versus MHT and Kalman filter with NN correlation: performance comparison 58410
De Feraudy, P. *see* Polyakov, A.S. 19502
de Feraudy, P. *see* Seyve, C. 19501
de Feyter, P.J. *see* Bruining, N. 28305
De Fez-Laso, M.D.M., Bonaccorso, C., French, M., Gill, K., Hall, G., Iles, G., Jones, L., MacEvoy, B., Matheson, J., Millmore, M., Murray, P., Potts, A., Raymond, M. Beam test performance of the APV5 chip 37505
De Filippo, E. *see* Aiello, S. 1483
De Filippo, E. *see* Aiello, S. 49328
de Filippo, F. *see* de Lisio, C. 55898
De Flaviis, F. *see* Ming-Ju Tsai 45279
de Fluiter, B., Aarts, E.H.L., Korst, J.H.M., Verhaegh, W.F.J., van der Werf, A. The complexity of generalized retiming problems 1062
de Forest, L. Recent developments in the work of the Federal Telegraph Company 35913
De Fornel, B. *see* Bouscayrol, A. 9679
de Fornel, B. *see* Bouscayrol, A. 51787
De Fornel, B. *see* Delemontey, B. 61131
De Fornel, B. *see* Jacquot, B. 61159
De Fornel, B. *see* Peter-Contesse, L.-O. 60738
de Fornel, B. *see* Purwoadi, M.A. 61167
De Fornel, B. *see* Slama-Belkhodja, I. 61149
de Fornel, F. *see* Salomon, L. 43933
De Franceschi, A.S.Morales *see* Morales De Franceschi, A.S.
de Francisco, C. *see* Alejos, O. 52398
de Francisco, C. *see* Hernandez, P. 3161
de Frutos, J., Sanz-Serna, J.M. Accuracy and conservation properties in numerical integration: The case of the Korteweg-de Vries equation 30647
de Frutos, J. *see* Noheda, B. 23172
De Gasperis, P. *see* Marcelli, R. 3252
De Gaudenzi, R., Giannetti, F., Luise, M. The influence of signal quantization on the performance of digital receivers for CDMA radio networks 35908
De Geeter, J., Van Brussel, H., De Schutter, J., Decreton, M. Recognising and locating objects with an ultrasonic and an infra-red sensor 56829
De Geronimo, G. *see* Bertuccio, G. 37493
De Geronimo, G. *see* Taccheo, S. 3794
De Gersem, P. *see* De Win, E. 4553
de Gevel, M.van *see* van de Gevel, M.
De Gloria, A., Parodi, G., Passaggio, F. Parallel computing architectures for video-coding and multimedia applications 15760
de Gloria, A. *see* Ancarani, F. 52994
De Gloria, A. *see* Costa, A. 31277
De Gloria, A. *see* Costa, A. 53304
De Gloria, A. *see* Raffo, L. 31328
De Gloria, D. *see* Ancarani, F. 15915
de Goer, A.J.van *see* van de Goer, A.J.
de Goor, A.J.van *see* van de Goor, A.J.
de Graaf, C., Woerlee, P.H., Hart, C.M., Lifka, H., de Vreede, P.W.H., Janssen, P.J.M., Sluijs, F.J., Paulzen, G.M. A novel high-density low-cost diode programmable read only memory 41160
de Graauw, Th. *see* Gao, J.R. 53614
De Grandi, G. *see* Lee, J.S. 6891
De Grandi, G. *see* Schuler, D.L. 8372
De Grandis, M. *see* Warzanskyj, W. 26388
de Grijp, M.H.B., Hopkins, R.A. Controlled switching of shunt capacitors 60975
de Grijp, M.H.B. *see* Francocci, E. 19214
de Groenendaal, J.G.van *see* van de Groenendaal, J.G.
De Groot, A.J., Deri, R.J., Haigh, R.E., Patterson, F.G., DiJaili, S.P. High-performance parallel processors based on star-coupled WDM optical interconnects 55357
De Groot, J.S. *see* Sanford, T.W.L. 7753
de Groot, L.E.M. *see* Voorma, H.-J. 42852
de Groot, P. Equivalent-wavelength interferometry using diffractive optics 14422
de Groot, P.D., Deck, L., Soobitsky, J., Biegen, J. Optical flying-height testing of magnetic read-write heads 7650
de Groot, S.M.H. *see* Koonen, T. 58034
de Gruyter, R.H.S. *see* Stoldt, H. 48230
de Guevara, L.L., Orszag, M., Ramirez, R., Roa, L. Cooperative effects in a one-photon micromaser with atomic polarization 44322
De Guise, J.A. *see* Dore, S. 49515
De Guise, J.A. *see* Dore, S. 49516
de Guzman, M.I.Gimenez *see* Gimenez de Guzman, M.I.
de Gyvez, J.P. *see* Grimaila, M.R. 31446
De Gyvez, J.Pineda *see* Pineda De Gyvez, J.
de Haan, G. *see* Lippens, P. 5022
De Haan, P. *see* Kambersky, V. 3190
de Haas, A.P. *see* Prendergast, E.P. 41731
de Haas, E., Barsingerhorn, W., Van der Veen, J.F., Slurre, J. Adapting a high-precision angle encoder to use in ultrahigh vacuum 36520
de Haas, J.T.M. *see* Dorenbos, P. 23671
De Haas, S. *see* Bayard, J.-P.R. 20490
de Halleux, B. *see* Ptchelintsev, A. 998
De Hek, A.P. *see* Van den Bogaart, F.L.M. 53656
de Hoop, M.V. *see* van Stralen, M.J.N. 23552
De Hoop, M.V. *see* Van Stralen, M.J.N. 55248
De Jabrun, G. *see* Fridisch, M. 35847
De Jaeger, J.C. *see* Salmer, G. 53690
De Jager, B., Van Asch, B. Symbolic solutions for a class of partial differential equations 30631
De Jager, G. *see* Crida, R.C. 60024
de Jager, N., Roos, J. ATM transmission convergence implementations: SONET/SDH vs. Cell-Based 47469
De Jager, N.G., Pap, G., van Zuijlen, M.C.A. Facts, phantasies, and a new proposal concerning the Stringer bound 40028
de Jager, P.W.H., Kruit, P. Optical design of a combined ion and electron beam system for nanotechnology 22671
de Jager, W.A.G., Tubbing, R.H. IGBT drive for container stacking cranes with bidirectional supply 51919
De Jesus, A.C. Environmental sustainability of geothermal development 60567
de Jesus, B., Lucke, L. Similarity analysis of cardiac signals using temporal features 28378
de Jesus, J.M.Ferreira *see* Ferreira de Jesus, J.M.
de Jesus Ayala-Schueneman, M., Schueneman, B.R. The Internet Cometh: the arrival of the Internet and Internet training at a midsize university library in South Texas 20563
de Jong, C.D. *see* Xin-Xiang Jin 26673
De Jong, G. *see* Davis, J.A. 36360
de Jong, G. *see* Xiujun Li 27503
de Jong, I.J. *see* Oldenkamp, H. 38877
de Jong, J.F. *see* Dutta, N.K. 33507
De Jong, J.F. *see* Henein, G.E. 44313
de Jong, N. Improvements in ultrasound contrast agents 18264
De Jong, P. *see* Adam, A. 37280
de Jong, Y.L.C. A CDMA based bidirectional communication system for CATV networks 17090
De Jong Perez, S. SAS™: a yield/failure analysis software tool 52294
de Jonge, A.R.W. *see* de Valk, J.P.J.M.M. 60039
De Jonge, W.J.M. *see* Gijs, M.A.M. 43655
de Jongh, A.L., Claydon, F.J. Using measured intracavitary potentials to spatially map left-ventricular endocardial activation sequences 49737
De Jonghe, L.C. *see* de Souza, S. 51557
De Jonghe, L.C. *see* Doeff, M.M. 51453
de Jonghe, L.C. *see* May-Ying Chu 61012
de Julian, C., Emura, M., Cebollada, F., Gonzalez, J.M. Interactions and magnetic viscosity: nonmonotonic time variation of the magnetization during relaxation at constant demagnetizing field 23289
De Jun Wan *see* Jiang Cheng Fang 8259

De Keersgieter, A. *see* Rudan, M. 12852
De Keyser, A. *see* van Bockstal, L. 4208
De Klerk, J. *see* Rogoff, R. 2501
de Klundert, J.van *see* van de Klundert, J.
de Kock, A., Oberholzer, J.W. The development and application of electronic technology to increase health, safety, and productivity in the South African coal mining industry 30104
de Kock, N., Coric, B., Pietsch, R. UHF PD detection in gas-insulated switchgear–suitability and sensitivity of the UHF method in comparison with the IEC 270 method 19911
de Kock, N. *see* Kurrer, R. 19918
de Kraats, A.H.van *see* van de Kraats, A.H.
de Kraats, B.van *see* van de Kraats, B.
de Kruif, R.C.M. *see* Cowern, N.E.B. 31747
De Kruif, R.C.M. *see* Cowern, N.E.B. 42049
de la Barra, G.E. *see* de la Barra, M.B. 20529
de la Barra, M.B., de la Barra, G.E., Urbina, A.M., de La Barra S, B.A. Short period teaching-learning cycles 20529
de La Barra S, B.A. *see* de la Barra, M.B. 20529
De La Barre, F. *see* Gantet, P. 37618
De La Barre, F. *see* Gantet, P. 49572
De la Bathie, R.P. *see* Liesert, S. 3119
de la Blanca, N.Perez *see* Perez de la Blanca, N.
de la Cruz, E. *see* Cobos, J.A. 40914
de la Cruz, E. *see* Cobos, J.A. 40919
de la Cruz, E. *see* Maset, E. 51203
De La Cruz, E. *see* Ollero, S. 51294
de la Cruz, G.Gonzalez *see* Gonzalez de la Cruz, G.
de la Cruz, W. *see* Florez, M. 39106
de la Fuente, J.Grajal *see* Grajal de la Fuente, J.
De La Fuente, M.L. *see* Herrera, A. 58240
De La Fuente, M.L. *see* Portilla, J. 58108
de la Fuente, R., Linares, J., Michinel, H., Otero, S., Barthelemy, A. A perturbative study of spatial soliton-induced phase volume gratings 24257
De La Guardia, R. *see* Wu, K.C. 19654
de la L. Olvera, M., Asomoza, R. Effect of Pd and Cu on sensing properties of tin oxide based thin film gas sensors 7468
de la L. Olvera, M., Maldonado, A., Asomoza, R. Characterization of a thin film tin oxide gas sensor deposited by chemical spray 7467
de la Mothe, J., Voyer, R. Technological partnering and investment in Europe: the case of advanced electronic technologies in Canada 30091
de la Motte, P.-W. *see* Bertus, K. 38399
de La Noe, J. *see* Ricaud, P. 60040
de la O, A., Gorur, R.S., Burnham, J.T. Electrical performance of non-ceramic insulators in artificial contamination tests. Role of resting time 32746
de la O, A. *see* Gorur, R.S. 38402
De La O, A. *see* Gorur, R.S. 54963
De La Parra, H.Zelaya *see* Zelaya De La Parra, H.
De La Paz Alva, C. *see* Rosano, F.L. 50766
De La Rosa, E., Zenteno, L.A., Starodumov, N., Monzon, D. All-fiber absolute temperature sensor using an unbalanced high-birefringence Sagnac loop 58810
De La Rosa, J. *see* Kawecki, L. 55504
de la Rose, E. *see* Starodumov, A.N. 27589
de la Rubia, T.Diaz *see* Diaz de la Rubia, T.
De La Rue, R.M. *see* Krauss, T.F. 23566
De La Rue, R.M. *see* Krauss, T.F. 23676
De La Rue, R.M. *see* Krauss, T.F. 33102
De La Rue, R.M. *see* Krauss, T.F. 44001
De La Rue, R.M. *see* Krauss, T.F. 44532
De La Rue, R.M. *see* Krauss, T.F. 55652
De La Rue, R.M. *see* Liu, X. 44777
De La Rue, R.M. *see* McKee, A. 12507
De la Rue, R.M. *see* Marsh, J.H. 3450
De La Rue, R.M. *see* Ooi, B.S. 55291
de la Tocnaye, J.L.de Bougrenet *see* de Bougrenet de la Tocnaye, J.L.
De La Torre, A., Peinado, A.M., Rubio, A.J., Sanchez, V.E., Diaz, J.E. An application of minimum classification error to feature space transformations for speech recognition 24859
De La Torre, C., Hernandez-Gomez, L., Caminero-Gil, F.J., Del Alamo, C.M. On-line garbage modeling for word and utterance verification in natural numbers recognition 14996
de la Torre, E. *see* Riesgo, T. 31065
de la Torre, L. High frequency high efficiency DC/DC converters 51329
de la Torre Munilla, C. *see* del Alamo, C.M. 15130
de Laat, C.T.A.M. *see* Prendergast, E.P. 41731
de Labachelerie, M., Nakagawa, K., Awaji, Y., Kourogi, M., Ohtsu, M. High stability laser frequency references at 1.5 μm using molecular lines: state of the art and prospects 27371
de Labachelerie, M. *see* Chollet, F. 23522
De Laender, J. *see* Adriaensen, K. 16456
De Lagrevol, R. *see* Gantet, P. 49572
De Lameillieure, J. *see* Zhou, M. 15635
De Lameillieure, J.L.P. *see* Kauff, P. 35191
de Lange, W. *see* van Haren, R.J.F. 12475
de Langen, K.-J., Eschauzier, R.G.H., van Dijk, G.J.A., Huijsing, J.H. A 1-GHz bipolar class-AB operational amplifier with multipath nested Miller compensation for 76-dB gain 40933
de Langen, K.-J. *see* Hogervorst, R. 21504
De Langhe, M. *see* Moons, E. 26391
de las Mercedes Gomez Albarran, M. *see* Cesteros, A.M.F.-P. 21456
de Lassus, H., Daigremont, Ph., Badran, F., Thiria, S., Lecacheux, A. Classification rejection by prediction 17017
de Lassus, H., Lecacheux, A., Thiria, S., Badran, F. Neural network clusters and cellular automata for the detection and classification of overlapping transient signals on radio astronomy spectrograms from spacecraft 36304
De Lathauwer, L., De Moor, B., Vandewalle, J. A technique for higher-order-only blind source separation 34751
De Lay, E. *see* Maximus, B. 33157
de Lazzari, M. *see* Dainelli, A. 49138
De Leeuw, R.W., Botman, J.I.M., Timmermans, C.J., Kleeven, W.J.G.M., Hagedoorn, H.L. Design and construction of standing wave accelerating structures at TUE 37015
De Leeuw, R.W. *see* Pruiksma, J.P. 37016
de Lega, X.Colonna *see* Colonna de Lega, X.
De Leo, R., Primiani, V.M. Low cost sensors for pulsed electromagnetic field measurements 7515
De Leo, R. *see* Cerri, G. 4283
De Leo, R. *see* Perrino, R. 37264
De Leon, A.G., Lerallut, J.-F., Boulanger, J.-C. Segmentation of colposcopic color images 28289
De Leon, P.L., Etter, D.M. Examining the effects of room response in oversampled, subband acoustic echo cancelers 4876
De Leon, P.L., Etter, D.M. Experimental results of subband acoustic echo cancelers under spherically invariant random processes 15016
De Ley, E., Ferrara, V., Colpaert, C., Maximus, B., De Meyere, A., Bernardini, F. Influence of ionic contaminations on SSFLCD addressing 43583
De Li Ming *see* Li Ming De
de Lima, A.C.S., Stephan, R.M., Pedroso, A., Mourente, J. Analysis of a long distance drive for an induction motor 9756
de Lima, A.F.M.M. Discussion and closure/comments on "Bare overhead transmission and distribution design overview" 28906
De Lima, L.C., Duarte, M.A.V. Analysis of noise in electrically compensated pyranometers 50052
de Lisio, C., Altucci, C., Bruzzese, R., de Filippo, F., Solimeno, S., Bellini, M., Foggi, P. Harmonic generation in an ionized gas medium with a 100-femtosecond, high repetition rate laser source at intermediate intensities 55898
De Lisio, M.P., Duncan, S.W., Der-Wei Tu, Cheh-Ming Liu, Moussessian, A., Rosenberg, J.J., Rutledge, D.B. Modeling and performance of a 100-element pHEMT grid amplifier 11736
De Loore, B. *see* Lippens, P. 5022
De Lorenzi, A. *see* Bettini, P. 60866
de los Reyes, E. *see* Sanchez-Hernandez, D. 14764
de los Santos Vidal, O., Jameson, R.M., Iskander, M.F., Balcells, A., Catten, J.C. Interaction and simulation-based multimedia modules for electromagnetics education 20644
de los Santos Vidal, O. *see* Balcells, A. 20645
De Luca, L. *see* Vitali, G. 12749
De Lucia, E. *see* Andryakov, A. 37226
De Lucia, F. *see* Petkie, D.T. 48372
de Lugao, P.P., Wannamaker, P.E. Calculating the two-dimensional magnetotelluric Jacobian in finite elements using reciprocity 38034
De Luigi, F., Miccoli, G. Performance optimization of artificial neural network algorithms as a technique for noise and vibration active control 15270
De Lustrac, A. *see* Aniel, F. 54695
de Lustrac, A. *see* Aniel, F. 54696
De Lustrac, A. *see* Lepaul, S. 12425
De Lustrac, A. *see* Sylvestre, A. 54692
De Lyon, T.J., Rajavel, R.D., Jensen, J.E., Wu, O.K., Johnson, S.M., Cockrum, C.A., Venzor, G.M. Heteroepitaxy of HgCdTe(112) infrared detector structures on Si(112) substrates by molecular-beam epitaxy 702
De Lyon, T.J., Rajavel, R.D., Jensen, J.E., Wu, O.K., Vigil, J.A., Johnson, S.M., Cockrum, C.A., Venzor, G.M. MBE growth of HgCdTe IR detector structures on Si substrates: Recent advances & future prospects 48645
De Lyon, T.J., Roth, J.A., Chow, D.H. Substrate temperature measurement by absorption-edge spectroscopy during molecular beam epitaxy of narrow-band gap semiconductor films 40429
De Ma Song *see* Song De Ma
de Macedo, R.C., Alves, P.R.G. Correction of the parameters of the equivalent circuit proposed by Montgomery for a two-terminal-pair junction 11555
De Maertelaere, L. The direct write technology for zero-defect phototooling 11950
De Maertelaere, L., Dahlskog, L. Design for PCB manufacturing through advanced CAM verification 11860
de Magistris, M., De Menna, L., Miano, G., Serpico, C. An analytical approach to optical properties of plasma lenses with a non-linear magnetic field profile 59141
De Man, B., D'hooge, J., Bijnens, B., Nuyts, J., Herregods, M.-C., Suetens, P., Van de Werf, F. Software package for echocardiographic quantification: Leuven (SPEQLE) 49526
De Man, H. *see* Danckaert, K. 40842
De Man, H. *see* Lin, B. 52943
De Man, H. *see* Wuytack, S. 15733
De Man, H. *see* Wuytack, S. 21437
De Man, H.J. *see* Balasa, F. 57333
De Man, H.J. *see* Bolsens, I. 47746
De Man, H.J. *see* Schaumont, P. 31325
de Marca, J.R.B. *see* Pinheiro, A.L.A. 16083
De Marchi, A., Ortolano, M., Periale, F., Rubiola, E. A proposal for G measurement with a freely swinging pendulum 17190
De Marchi, A. *see* Costanzo, G. 27274
de Marchi, A. *see* Costanzo, G.A. 27223
De Marchi, A. *see* Presti, L.L. 27328
De Marchi, A. *see* Presti, L.L. 48314
De Marchi, A. *see* Siccardi, M. 11623
de Marchi, G., Caccavale, F., Gonella, F., Mattei, G., Mazzoldi, P., Battaglin, G., Quaranta, A. Silver nanoclusters formation in ion-exchanged waveguides by annealing in hydrogen atmosphere 13650
De Marco, R. Influence of lead(II) carbonate films of nonantimonial grids on the deep discharge cycling behaviour of maintenance-free lead/acid batteries 38956
de Marcos, J. Modelling of an induction motor using PSPICE 29320
De Martin, J.C., Gersho, A. Mixed-domain coding of speech at 3 kb/s 14900
De Martini, M. *see* Clavario, P. 49391
de Martinis, C. *see* Calabretta, L. 49145
De Marzo, C. *see* Bellotti, R. 37270
De Matos, C. *see* Le Corre, A. 44073
De Matos, C. *see* L'Haridon, H. 14278
De Matteis, R., Zollo, A., Virieux, J. P-wave arrival time inversion by using the τ-p method: application to the Mt. Vesuvius volcano, southern Italy 60012
de Mauduit, B. *see* Cristiano, F. 31937
de Meer, J., Vogel, A. Quality of service workshop 6080
de Melo, C.P. *see* Demenicis, L. 55847
De Melo, M.T., Lancaster, M.J., Hong, J.S. Coplanar strips interdigital delay line for instantaneous frequency measurement systems 21895
de Melo, O., Hernandez, L., Zelaya-Angel, O., Lozada-Morales, R., Vasco, E., Puron, E. Properties of chemical bath deposited CdS films at different annealing conditions 2007
de Melo, O., Melendez-Lira, M., Hernandez-Calderon, I., Morales-Acevedo, A., Banos, L. Optical and structural characterization of CdS_xTe_{1-x} alloys 2005
de Melo, O. *see* Garcia-Rocha, M. 52707
de Melo, O. *see* Hernandez, L. 2311
de Melo Rezende, A., Wainer, J. A temporal extension to the parsimonious covering theory 28074
de Menezes, L.R.A.X., Hoefer, W.J.R. Accuracy of TLM solutions of Maxwell's equations 24530
de Menezes, L.R.A.X., Machado, A.H., Sisnando, P.S.R., Abdalla, H., Jr. Simulation of finline structures using the TLM method 41425
De Menna, L. *see* de Magistris, M. 59141
De Merchant, J., Cocivera, M. Properties of zinc telluride containing impurities introduced during spray pyrolysis 41909
De Mey, G., Suciu, R., Munteanu, C., Matthys, L. BEM solution of Poisson's equation in two dimensions with polynomial interpolation of the source function 40276
De Mey, G. *see* De Baetselier, E. 290
De Mey, G. *see* Matthys, L. 10120
De Mey, G. *see* Van Alme, G. 20958
De Mey, P. *see* Hoang, H.S. 45821
De Meyer, H. *see* Van Hecke, T. 30644
De Meyer, K. *see* Biesemans, S. 2652
De Meyer, K. *see* Biesemans, S. 12972
De Meyer, K.M. *see* Biesemans, S. 22828
De Meyere, A., Fornier, J., Pauwels, H. Grating diffraction in (anti-)ferroelectric liquid crystal displays 32766
De Meyere, A. *see* De Ley, E. 43583
De Meyere, A. *see* Fornier, J. 48765
De Meyere, A. *see* Fornier, J. 48773
De Meyere, A. *see* Maximus, B. 33157
De Micheli, E. *see* Lorusso, A. 25776
De Micheli, G. *see* Benini, L. 1324
De Micheli, G. *see* Benini, L. 21605
de Micheli, G. *see* Bogliolo, A. 13125
De Micheli, G. *see* Vuillod, P. 11324
De Micheli, M. *see* Thyagarajan, K. 4321
de Micheli, M.P. *see* Baldi, P. 44689
De Micheli, M.P. *see* Korkishko, Yu.N. 23543
De Micheli, M.P. *see* Korkishko, Yu.N. 33063
De Micheli, M.P. *see* Tartarini, G. 55282
De Michell, G., Gupta, R.K. Hardware/software co-design 40789
De Mierry, P., Ambacher, O., Kratzer, H., Stutzmann, M. Yellow luminescence and hydrocarbon contamination in MOVPE-grown GaN 41913
De Miguel, G., Casar, R. CFAR detection for Weibull and other log-log-linear tail clutter distributions 58411
de Miguel, T. *see* Quemada, J. 26337
De Mingo, J. *see* Sillars, D.B. 31463
De Miranda, G.C. Point-matched time domain finite element method applied to multi-conductor electromagnetic transients analysis 45264
De Mires, J. *see* Charara, A. 55072
de Moel, E. *see* Walters, R. 6100
De Moerloose, J., Dawson, T.W., Stuchly, M.A. Application of the finite difference time domain algorithm to quasi-static field analysis 55956

De Moerloose, J., Temmerman, W. Thermal analysis of a chip on board (COB) 53879
De Moerloose, J. *see* Dawson, T.W. 28455
de Montchenault, G.Hamel *see* Hamel de Montchenault, G.
de Monte, F., Galli, G., Marcotullio, F. An analytical oscillating-flow thermal analysis of the heat exchangers and regenerator in Stirling machines 29655
de Montmorillon, L.-A. *see* Delaye, P. 18952
de Montmorillon, L.A. *see* Delaye, P. 22222
De Moor, B. *see* Cheng Yi 35455
De Moor, B. *see* De Lathauwer, L. 34751
De Moor, B. *see* Lemmerling, P. 530
De Moor, B. *see* Minten, W. 40080
De Moor, M., Berckmans, D. Building a grey box model to model the energy and mass transfer in an imperfectly mixed fluid by using experimental data 9732
De Moor, M.W. *see* Manenschijn, A. 53910
de Moraes, R.M., Oliveira-Neto, L.deB., Rios Leite, J.R. Analog circuits simulation of communication with chaotic lasers 47913
De Morais, E., Gama, S., Urbano, A., Garcia, G.A., Cabral, F.A.O. Microfurnace thermomagnetic analyser for the –30°C to 1000°C temperature range 7532
De Mori, R., Galler, M. The use of syllable phonotactics for word hypothesization 15004
De Mori, R. *see* Noth, E. 14968
De Moura, M.F.S.F., Goncalves, A.P.M., Marques, A.T., de Castro, P.M.S.T. Isoparametric interface finite elements for three dimensional problems 52575
de Moustier, C. *see* Fusillo, L. 38046
de Murcia, J., Grangeat, P. Spatio-temporally regularized reconstruction of gated SPECT myocardial image sequences 59546
de Murcia, M. *see* Dutisseuil, E. 2150
de N. Donaldson, N., Yu, C.-H. FES standing: control by handle reactions of leg muscle stimulation (CHRELMS) 28391
De Natale, F.G.B. *see* Accame, M. 56999
De Natale, P. *see* Paschotta, R. 44380
de Neve, H., Blondelle, J., van Daele, P., Demeester, P., Baets, R., Borghs, G. Recycling of guided mode light emission in planar microcavity light emitting diodes 33295
De Neve, H. *see* Bickel, G. 13852
De Neve, H. *see* Blondelle, J. 33311
De Neve, P., Philips, W., Van Overloop, J., Lemahieu, I. Medical image compression using block-based transform coding techniques 15610
De Neve, P. *see* Van Overloop, J. 59551
De Neve, W. *see* Verellen, D. 8089
De Nicola, S., Ferraro, P., Finizio, A., Pierattini, G. Reflective grating interferometer for measuring the focal length of a lens by digital moire effect 7660
de Nicola, S. *see* de Angelis, M. 17825
De Nicolao, G. *see* Bolzern, P. 10246
de Notaristefani, F., Pani, R., Scopinaro, F., Barone, L.M., Blazek, K., De Vincentis, G., Malatesta, T., Maly, P., Pellegrini, R., Pergola, A., Soluri, A., Vittori, F. First results from a YAP:Ce gamma camera for small animal studies 28228
De Notaristefani, F. *see* Auffray, E. 37281
De Notaristefani, F. *see* Baccaro, S. 37459
de Notaristefani, F. *see* Vittori, F. 37670
de Oliveira, A.G. *see* Freire, S.L.S. 22376
de Oliveira, A.G. *see* Moreira, M.V.B. 2709
De Oliveira, A.J.B. *see* Neto, S.P.X. 48859
de Oliveira, C.E.M., de Carvalho, M.M.G. Automatic system for Hall effect measurement of semiconductors 27397
De Oliveira, J.C.T. *see* Adams, W.A. 9482
de Oliveira, J.C.T. *see* Keen, N. 51554
De Oliveira, L.P., Giarola, A.J., Costa, J.C.W.A. Dielectric grating waveguides operating with TM polarization 31459
De Oliveira, M. *see* Simon, M. 26274
de Oliveira, M.M., Ekstrom, A. Real-time simulator model of an advanced static VAr compensator 50462
de Oliveira, M.M. *see* Ying, J. 19203
de Oliveira, P.C., Danailov, M.B., Liu, Y., Leite, J.R.R. Experimental dynamical variables of a chaotic CO_2 laser with saturable absorber 44353
De Oliveira, R.C. *see* Courtiat, J.-P. 47317
de Oliveira Duarte, A.M. *see* Moreira, A.J.C. 16808
de Oliveira Neto, G. *see* Nakatani, H.S. 7449
de Pablos, J. *see* Alonso, J.I. 26612
De Padova, P. *see* Larciprete, R. 58895
de Paepe, A., Eloot, K., Dilewijns, J., Standaert, C. Effect of hot rolling parameters on the magnetic properties of a low-silicon ultra-low-carbon steel 23328
De Paepe, A. *see* Eloot, K. 3231
de Paepe, A. *see* Standaert, C. 23386
de Palma, J.F., Deshayes, R. High power semiconductor protection requires the appropriate fuses 21494
De Palma, J.F. *see* Duong, S. 40892
De Palma, M. *see* Celano, L. 18094
De Paolis, M. *see* Puliti, C. 29376
De Pascale, M.P. *see* Borisyuk, R. 37274
De Passoz, G., Clausse, J.L., Karam, G. Can digital techniques give a new boost to MMDS? 47412
De Paula, A.M. *see* Reynoso, V.C.S. 2159
de Paula Lima, L.A., Jr., Madeira, E.R.M. A model for a federative trader 6159
De Pestel, G. *see* Vetter, P.J. 13603
de Plassche, R.J.van *see* van de Plassche, R.J.
de Pol, M. Micro embedded, CPLD and memories [AMD chips] 21729
de Pol, M.J.van *see* van de Pol, M.J.
de Pontual, H. *see* Rodin, V. 59545
de Preville, G., Lapierre, O., Bornard, G. Control of static var compensator for optimal flicker reduction 51858
de Prunele, D. *see* Alfille, J.P. 14487
De Prycker, M. Standards: a success factor for multimedia services 26335
de Queiroz, A.C.M., Caloba, L.P. Statistical prediction of errors in the localization of poles and zeros by sensitivity analysis 11152
De Queiroz, M.S., Dawson, D.M., Canbolat, H. A backstepping-type controller for a 6-DOF active magnetic bearing system 43731
de Queiroz, R., Choi, C.K., Huh, Y., Rao, K.R. Wavelet transforms in a JPEG-like image coder 56692
de Queiroz, R.L., Florencio, D.A.F. A pyramidal coder using a nonlinear filter bank 15982
de Queiroz, R.L., Rao, K.R. Variable-block-size lapped transforms 15345
De Raedt, W. *see* Baeyens, Y. 53659
De Ramirez, L.M., Zayas, J.L., Lamancusa, J., Jorgensen, J., Hughes, F., George, R.T., Ramirez, W.J., Rosborough, J. A summative assessment strategy for a multi-institutional, multi-task project: the case of the manufacturing engineering education partnership 20487
De Rango, P. *see* Liesert, S. 3119
de Reca, N.E.Walsoee *see* Walsoee de Reca, N.E.
De Reggi, A.S. *see* Bauer, S. 7668
De Reggi, A.S. *see* Bloss, P. 43421
De Reggi, A.S. *see* Bloss, P. 54874
De Rezende, J.F., Mauthe, A., Fdida, S., Hutchison, D. Fully reliable multicast in heterogeneous environments 5859
de Ribamar Silva Oliveira, J., d'Assuncao, A. Input impedance of microstrip patch antennas on anisotropic dielectric substrates 34204
De Riccardis, M.F. *see* Tapfer, L. 22315
de Ridder, H. Current issues and new techniques in visual quality assessment 57004
De Ridder, H., Hamberg, R. Continuous assessment of image quality 36338
De Ridder, J.-J. *see* Werner, M. 25840
de Ridder, R.M. *see* Wijnands, F. 33098
De Riet, E.Van *see* Van De Riet, E.
de Rivera, G.G. *see* Boemo, E.I. 11305
De Roeck, A. *see* Ingelman, G. *(editor)* 37075
de Roer, Th.G.van *see* van de Roer, Th.G.
De Roo, R.D., Ulaby, F.T. A modified physical optics model of the rough surface reflection coefficient 34088
de Rooij, M.A., Case, M.J. Controlling the synchronous reluctance machine without mechanical position feedback 60699
de Rooij, M.A., Ferreira, J.A., van Wyk, J.D. A novel unity power factor low EMI uninterruptible power supply 38843
de Rooij, N.-F. *see* Despont, M. 32320
de Rooij, N.F. *see* Anthamatten, O. 47912
de Rooij, N.F. *see* Brugger, J. 43400
de Rooij, N.F. *see* Fiaccabrino, G.C. 27509
de Rooij, N.F. *see* Indermuhle, P.-F. 54846
de Rooij, N.F. *see* Koudelka-Hep, M. 27693
de Rooij, N.F. *see* Luginbuhl, P. 13163
de Rooij, N.F. *see* Marxer, C. 44066
de Rooij, N.F. *see* Paoletti, F. 27547
de Rooij, N.F. *see* van der Wal, P.D. 27731
de Rooij, P. On Schnorr's preprocessing for digital signature schemes 34569
de Rooji, N.F. *see* Peter, Y.-A. 44381
De Rosa, A. *see* Canepa, G. 58728
De Rossi, A., Conti, C., Assanto, G. Mode interplay via quadratic cascading in a lithium niobate waveguide for all-optical processing 43994
De Rossi, D. Artificial senses and biomimetic actuators 58863
De Rossi, D., Gestri, G., Stella, R., Stussi, E. Odour sensors based on conducting polymers realised by vapour phase polymerisation 58890
De Rossi, D. *see* Canepa, G. 58728
De Rossi, D. *see* Della Santa, A. 10976
De Rossi, D. *see* Lavrik, N.V. 58870
De Rossi, W. *see* Ranieri, I.M. 10604
De Sa, J.Pinto *see* Pinto De Sa, J.
de Sa, J.Souza *see* Souza de Sa, J.
De Sa, L. *see* Silvestre, J. 15210
de Saint-Martin, F.Moreau *see* Moreau de Saint-Martin, F.
De Saja, J.A. *see* Souto, J. 36837
De Saja-Gonzalez, J. *see* Souto, J. 36837
de Salvador, L., Gomez, B., Crespo, J.C., Garcia, M., Gutierrez, J. SAR system software simulation environment 36231
De Salvo, G.C., Look, D.C., Bozada, C.A., Ebel, J.L. Depth measurement of doped semiconductors using the Hall technique 32127
De Salvo, L. *see* Bonifacio, R. 33356
De Salvo, R. *see* Luiten, A.N. 48500
De Sampaio, R.J.B. *see* Evans, D.J. 21148
De Sanctis, E. *see* Rossi, P. 18092
de Sanden, M.C.M.van *see* van de Sanden, M.C.M.
de Sandro, J.P. *see* Dong, L. 23484
de Sandro, J.P. *see* Loh, W.H. 14013
de Sandro, J.P. *see* Loh, W.H. 44394
De Sangro, R. *see* Andryakov, A. 37226
De Sangro, R. *see* Paolucci, P. 37242
De Santi, G. *see* Borghesi, A. 31781
De Santis, A. *see* Ateniese, G. 14836
De Santis, A. *see* Blundo, C. 45545
De Santis, A. *see* Bruni, C. 56582
De Santis, P., Mascello, A., Palma, C., Perrone, M.R. Coherence growth of XeCl laser radiation in Gaussian cavities 23736
de Saracibar, C.Agelet *see* Agelet de Saracibar, C.
De Sario, M. *see* Bozzetti, M. 3411
De Sario, M. *see* D'Orazio, A. 26860
De Schepper, H. *see* Van Keer, R. 30669
De Schepper, L. *see* D'Haeger, V. 42765
de Schepper, P. *see* Sivoththaman, S. 39019
de Schutter, F. *see* Stephen, R. 27971
De Schutter, F. *see* Zhang, L. 36527
De Schutter, J. *see* De Geeter, J. 56829
De Schutter, J. *see* Van de Straete, H.J. 20137
de Seixas, F.J.M., Martins, D.C., Barbi, I. An application of ZVS-PWM-GEPAE commutation circuit to a DC-AC converter 19833
de Silanes, M.C.Lopez *see* Lopez de Silanes, M.C.
de Silva, C.W., Gu, J.H. Use of mechanical impedance in sensing object-end effector interaction 7600
de Silva, C.W. *see* Gu, J.H. 48931
De Silva, K.T.L. *see* Siripala, W. 32100
de Silva, M. Design and implementation of the first filmless children's hospital 49836
De Silveshi, S. *see* Nisoli, M. 3805
de Silvestri, S. *see* Leising, G. 23691
De Silvestri, S. *see* Magni, V. 3756
De Silvestri, S. *see* Serri, L. 14216
De Simone, P. *see* Andryakov, A. 37226
De Smet, H. *see* De Cubber, A.M. 12969
de Soete, G., van Renterghem, P. Version 6: Internet Protocol 'next generation' 25947
de Sousa, P., Potts, M. Broadband network interoperability: a framework for "guidelines" development 26351
De Sousa, P., Rao, S. High-performance networks for broadband multimedia services 26853
De Sousa Dias, M. *see* Krahenbuhl, L. 44938
de Sousa Vieira, M. *see* Tanaka, H.-A. 5922
de Souza, C.E., Fragoso, M.D. Robust $\mathcal{H}_\infty$ filtering for uncertain Markovian jump linear systems 45832
de Souza, C.E., Fragoso, M.D. $\mathcal{H}_\infty$ filtering for Markovian jump linear systems 45833
de Souza, C.E. *see* Oh-Kyu Kwon 45834
De Souza, D.C., Cavalcante, G.P.D.S. A k-ray model for mobile systems in environments with abrupt terrain discontinuities 34081
De Souza, J.P., Boudinov, H., Swart, J.W. Rapid thermal annealing of Mg^+ and P^+ co-implanted GaAs 2297
De Souza, J.P., Danilov, I., Boudinov, H. Thermal stability of the electrical isolation in n-type GaAs: Effects of damage and carrier concentrations 31837
de Souza, J.P., Danilov, I., Boudinov, H. Thermal stability of the electrical isolation in n-type gallium arsenide layers irradiated with H, He, and B ions 42384
De Souza, J.P. *see* Boudinov, H. 42391
De Souza, K., Lees, G.P., Wait, P.C., Newson, T.P. Diode-pumped Landau-Placzek based distributed temperature sensor utilising an all-fibre Mach-Zehnder interferometer 7380
De Souza, K., Wait, P.C., Newson, T.P. Characterisation of strain dependence of the Landau-Placzek ratio for distributed sensing 48630
de Souza, L.E., Veloso, M.A. AI planning in supervisory control systems 29079
de Souza, R. Modelling PCB facilities in ARENA–a generic data-driven simulation approach 22070
de Souza, R., Yuanhong Zhang SimEnvir++: an object-based simulation environment 169
de Souza, R.B., Ab, K., Lee, S.G., Lye, S.W. An integrated decision-support environment for DFX audit 39947
de Souza, S., Visco, S.J., De Jonghe, L.C. Reduced-temperature solid oxide fuel cell based on YSZ thin-film electrolyte 51557
de Souza Campos, F. *see* Cruz Martins, D. 51221
de Souza Campos, F. *see* Martins, D.C. 51204
de Souza Queiroz Junior, I. *see* Fernandes, H.C.C. 14678
de Souza Ribeiro, L.A. *see* Jacobina, C.B. 29296
de Stadt, H.van *see* van de Stadt, H.
de Stefano, C., Foggia, P., Tortorella, F., Vento, M. A distance measure for structural descriptions using circular arcs as primitives 5384
de Stefano, L. *see* Mormile, P. 7274
De Sterke, C.M. *see* Eggleton, B.J. 16691
de Sterke, C.M. *see* Monro, T.M. 23537
de Sterke, C.Martijn *see* Martijn de Sterke, C.
de Sterke, C.M.Martijn *see* Martijn de Sterke, C.M.
de Straete, H.J.Van *see* Van de Straete, H.J.
de Strobel, F. *see* Gualdesi, L. 50104
de Swart, J.J.B. *see* van der Houwen, P.J. 40135
De Tandt, C. *see* Ayadi, K. 33313
de Tomasi, F. *see* Bourzeix, S. 14364
de Torres, I.R. *see* Covaci, S. 35608
De Torres, I.R. *see* Mathan, L. 35589
de Urbina, G.Oritz *see* Oritz de Urbina, G.
De Valcarcel, G.J. *see* Roldan, E. 44337

de vale, A.Almeido *see* Almeido de vale, A.
De Valenzuela, L. Switching matrices for closed circuit television 7093
de Valk, J.P.J.M.M., Goede, A.P.H., de Jonge, A.R.W., Mees, J., Franke, B., Crewell, S., Kullmann, H., Urban, J., Wohlgemuth, J., Chipperfield, M.P., Lee, A.M. Airborne heterodyne measurements of stratospheric ClO, HCl, O_3, and N_2O during SESAME 1 over northern Europe 60039
de Vall, L.van *see* van de Vall, L.
de Valois, J.C. *see* van Heesewijk, H.P.M. 37643
de Veciana, G., Kesidis, G. An approach to provisioning for real-time VBR video teleconferencing via end-to-end virtual path connections 6278
de Veciana, G. *see* Le Boudec, J.-Y. 35440
de Velde, J.-C.Van *see* Van de Velde, J.-C.
De Venuto, D., Cantatore, E., Gramegna, G., Marzocca, C., Corsi, F. An approach to the specification driven testing of analogue circuits 2749
De Victoria, F.Lopez *see* Lopez De Victoria, F.
de Vicuna, L.Garcia *see* Garcia de Vicuna, L.
de Vidts, P., Delgado, J., White, R.E. A multiphase mathematical model of a nickel/hydrogen cell 19963
de Vila, A. *see* Blase, X. 23025
De Vincentis, G. *see* de Notaristefani, F. 28228
De Visschere, P. *see* Soenen, B. 55441
De Vitter, P. High-density programmable logic devices 31197
de Vittor, P. Analogue switches and multiplexers 21842
De Vittorio, M. *see* Giugno, P.V. 22420
De Vivie, E.R. *see* Polley, R. 28438
De Vleeschouwer, C. *see* Goffin, F. 57344
de Voorde, I.Van *see* Van de Voorde, I.
De Vos, J. *see* De Cubber, A.M. 12969
De Vos, L., Kammerer, B. Algorithm and DSP-implementation for a speaker-independent single-word speech recognizer with additional speaker-dependent say-in facility 45672
de Vreede, J.P.M. *see* van Mullem, C.J. 27312
de Vreede, L.C.N. *see* Steenbergen, C.A.M. 16742
de Vreede, P.W.H. *see* de Graaf, C. 41160
de Vrey, E. *see* Bruining, N. 28305
de Vries, B. *see* Lin, Q. 15117
De Vries, D. Sound reinforcement by wavefield synthesis: adaptation of the synthesis operator to the loudspeaker directivity characteristics 48264
de Vries, J.W.C. *see* Jiehui Zheng 23262
de Vries, M.J. *see* Arya, V. 48597
de Vries, P.H.S. *see* Dauderstadt, U.A. 36466
de Vries, P.M.J.M. *see* Noordegraaf, A.V. 49717
de Vries, P.M.J.M. *see* Raaijmakers, E. 18469
de Vries, R.Penning *see* Penning de Vries, R.
de Vries, W. *see* Veltink, P.H. 18214
de Vyver, B.van *see* van de Vyver, B.
De Waard, A. *see* Adam, A. 37280
de Waard, A. *see* Brock, I.C. 37039
de Wachter, J. *see* Vantomme, A. 30744
De Walle, R.Van *see* Van De Walle, R.
De Weerdt, R., Hameyer, K., Belmans, R. Dynamic analysis of non-sinusoidally supplied induction machine based on the finite element method 60750
De Weerdt, R., Tuinman, E., Hameyer, K., Belmans, R. Finite element analysis of steady state behavior of squirrel cage induction motors compared with measurements 50995
De Weerdt, R. *see* Nertens, R. 50989
De Weghe, H.Van *see* Van De Weghe, H.
de Werf, F.van *see* van de Werf, F.
de Wergifosse, C. *see* Vanhoenacker, L. 9000
De Werra, D. *see* Hansen, P. 40072
de Wiel, O.van *see* van de Wiel, O.
De Wiele, F.Van *see* Van De Wiele, F.
De Wiele, J. *see* Ho, M. 35604
de Wijn, H.W. *see* Fokker, P.A. 44408
De Wilde, P. Nonlinear dynamics of two types of network with intelligent nodes 6297
De Wilde, W.P. *see* Verbandt, Y. 58798
de Win, A. *see* Worring, M. 5097
De Win, E., Bosselaers, A., Vandenberghe, S., De Gersem, P., Vandewalle, J. A fast software implementation for arithmetic operations in GF(2^n) 4553
De Wit, A.R. *see* Young, E.W.A. 58941
De Wit, G.C. Safety norms for Maxwellian view laser scanning devices based on the ANSI standards 8034
de Wit, G.C., Braat, J.J.M. Offner-type pupil relay optics for a scanning system 7503
de Wit, H.J. On the interaction between anhysteretic magnetization and demagnetizing fields in iron strips 32791
De Wit, P.A.S., Ortega, R., Mareels, I. Indirect field-oriented control of induction motors is robustly globally stable 9238
de With, P.H.N., Schaar-Mitrea, M.v.d. Evaluation of lossless compression of teletext and graphics images for TV systems 15636
De Wolf, I., Howard, D.J., Lauwers, A., Maex, K., Maes, H.E. Local identification and mapping of the C49 and C54 titanium phases in submicron structures by micro-Raman spectroscopy 54298
De Wolf, I., Howard, D.J., Maex, K., Maes, H.E. Phase and mechanical stress in and surrounding $TiSi_2$ and $CoSi_2$ lines studied by micro-Raman spectroscopy 42740
De Wolf, I. *see* Badenes, G. 54423
De Wolf, I. *see* Smeys, P. 42555
de Xivry, E.Orban *see* Orban de Xivry, E.
De Ying Chen, Guo Hong Tang Vacuum microelectronic diode using bonding technology 22172
De Young, J.A. *see* Davis, J.A. 36360
De Yu Zang, Millerd, J.E., Smithey, D. Asymmetric, reflection mode nonlinear Fabry-Perot modulator using bacteriorhodopsin 4066
De Zen, G., Marine, G., Marsiglia, M.A., Zizza, F. An information element-based management system for ATM access equipment 35583
De Zheng *see* Zheng De
de Zulueta, L. *see* Sanz, C. 15985
De Zutter, D., Martens, L. EMC compliance at component and interconnection level 24505
De Zutter, D. *see* Dhondt, G. 36844
De Zutter, D. *see* Laermans, E. 34125
De Zutter, D. *see* Ooms, S. 11070
De Zutter, D. *see* Peeters, J. 6413
De Zutter, D. *see* Rogier, H. 24549
De Zutter, D. *see* Ureel, J. 34253
De Zwart, S.T., Van Gorkom, G.G.P., Hendriks, B.H.W., Lambert, N., Trompenaars, P.H.F. Basics of electron transport over insulators 53949
De Zwart, S.T. *see* Hendriks, B.H.W. 53948
De Zwart, S.T. *see* Hendriks, B.H.W. 58937
De Zwart, S.T. *see* Lambert, N. 58936
De Zwart, S.T. *see* Lambert, N. 58939
de Zwart, S.T. *see* Scholtz, J.J. 41760
de Zwart, S.T. *see* van Gorkom, G.G.P. 41802
De-Hua Li *see* Bi-Zhen Dong 12838
De-Jie Li *see* Li De-Jie
De-Ju Xu *see* Guang-Hui Hsu 52419
De-Kui Qing *see* Xiao-Min Chen 13660
De-La-Vega, M. *see* Badihi, A. 308
De-Long Cui *see* Sheng Lan 3855
De-Man Wang, Qun She, Yin-Ming Zhu, Jian-Jun Chen The magnetic levitation of the projectile in coilguns 24421
De-Ren Wang *see* Zhong-Zhi Bai 30598
De-Sheng Chen, Sarrafzadeh, M. Cube-embedding based state encoding for low power design 41085
De-Xiang Huang AC-DC difference of millivolt thermal standards 27353
De-Xiang Huang, Rebuldela, G., Harper, J. RF-DC differences of micropotentiometers 27303
De-Xiang Huang *see* Kinard, J.R. 27360
De-Xiang Huang *see* Kinard, J.R. 27491
De-Xin Shen *see* Shen De-Xin
De-Yu Kao *see* Chung, J.W. 21780
De-Yuan Chung, Jow-Tsong Shy, Tyson Lin Frequency stabilization of 1064 nm Nd:YAG laser using Cs_2 absorption 27212
De-Zhen Wang, Dong, J.Q., Mahajan, S.M. A kinetic model for low-pressure glow discharges in the presence of dust particles 41734
De-Zhu Wu *see* Ming-Yi Chen 36901
Deac, I. *see* Indrea, E. 899
Deacon, D.A.G. *see* Brinkman, M.J. 13690
Deadrick, F. *see* Yu, S.S. 59107
Deadrick, F.J. *see* Fessenden, T.J. 59135
Deadrick, F.J. *see* Friedman, A. 59103
Deadrick, F.J. *see* Newton, M.A. 59105
Deai, H., Iwasaki, T., Ikematsu, Y., Kawakami, K., Harada, H., Matsumura, A. Influence of crystal originated particles on gate oxide breakdown 12565
Deai, H. *see* Kawamura, K. 22460
Deak, I. *see* Harsanyi, G. 28079
Deakin, S.J., Hatfield, J.V. A field programmable, current mode, analog VLSI 31420
Deal, M.D. *see* Chase, M.P. 32133
Deal, M.D. *see* Haddara, Y.M. 41986
Deal, P.W. *see* Padmanabhan, R.P. 30285
DeAlteris, J., Vincent, H., Kaiser, R., DeAlteris, J. A seabed platform for long-term monitoring in the littoral environment 50290
DeAlteris, J. *see* DeAlteris, J. 50290
Dean, A. *see* Lettington, A. 27049
Dean, A.J. *see* Porras, E. 37353
Dean, C. *see* Warren, A.P. 23358
Dean, D., Buckley, P., Bookstein, F., Kamath, J., Kwon, D., Friedman, L., Lys, C. Three dimensional MR-based morphometric comparison of schizophrenic and normal cerebral ventricles 18391
Dean, D. *see* Pergande, A. 17513
Dean, D. *see* Thirion, J.-P. 18388
Dean, G. *see* Bosc, J.-F. 59997
Dean, J., Haynes, S., Hersh, G., Schmidt, G., Stoffeth, T. Transition engineering 30134
Dean, J.P. *see* Bahr, F. 50149
Dean, J.S. Artificial intelligence in test 36390
Dean, J.S. Integrated diagnostics: confusion and solutions 38195
Dean, J.S., Kidd, D. ATS PGM office: past, present and future 38193
Dean, K. *see* Lu, Z. 60017
Dean, M. *see* Fletcher, P.N. 45428
Dean, S.E. Flexible circuit dielectric base material options 1769
Dean, S.E. Flexible circuit cover coating techniques for SMT 22043
Dean, S.E. Innovative dielectric materials for cost-effective flexible circuits 53794
Dean, T. *see* Ruth, R.D. 49165
Dean, T.L. *see* Tofts, P.S. 59494
Deane, P. *see* Hong Yang 229
Deane, P. *see* Rinne, G. 22083
Deane, P.A. *see* Mis, J.D. 53831
DeAnni, A.J. *see* Choi, K.K. 48661
DeAnni, A.J. *see* Tidrow, M.Z. 48524
Deans, N.D. *see* Philp, K.W. 52376
Dear, R.de *see* de Dear, R.
Dearden, R. *see* Boutilier, C. 40102
Dearn, A.W. *see* Buck, B.J. 53650
Dearn, A.W. *see* Devlin, L.M. 58116
Deasy, J.O. *see* Zhigang Xu 59845
Deaton, R., Gostic, J.M. Installation and operational considerations of arc resistant switchgear 51904
Deaton, R., Sun, J., Reddick, W.E. Two-layer self-organizing maps for segmentation of magnetic resonance images of the human brain 59558
Deats, B., Hartman, R. Measuring the passive-IM performance of RF cable assemblies 58976
Deaver, B.J., Sr., Khorramshahi, A. Feeders are automated for increased reliability 38352
Deaver, B.S., Jr *see* Hesler, J.L. 53620
Deaves, R.H. *see* Greenway, P. 24976
Deb, S.K., Benner, J.P. DOE/OER-sponsored basic research in high-efficiency photovoltaics 39114
deB. Frederick, B. *see* Maas, L.C. 28273
Deb Somnath *see* Somnath Deb
Debaes, N. *see* Kirk, A. 55360
DeBarber, P.A. *see* Herring, G.C. 17853
DeBarber, P.A. *see* Millerd, J.E. 4123
Debardelaben, J. *see* Egolf, T. 31055
Debardelaben, J.A., Madisetti, V.K. Hardware/software codesign for signal processing systems. A survey and new results 11463
Debarge, G. *see* Soto, H. 33683
Debatin, J.F. *see* Ladd, M.E. 7888
Debatin, J.F. *see* Ladd, M.E. 7995
Debatin, J.F. *see* Leung, D.A. 7970
Debauche, C.P. *see* Farmer, K.R. 2580
Debay, P., Edel, M., Hayat, S. Cinematic modelling of the "bus for the automatic guidance in stations 59819
Debay, P., Hayat, S., Edel, M. PID, adaptive and fuzzy controls for the immaterial lateral guidance of a bus in boarding phase 28449
Debay, P., Hayat, S., Edel, M. A bus dynamic modelling and simulation of the guidance near the bus stations 51823
Debbagh, F., Ameziane, E.L., Azizan, M., Outzourhit, A., Brunel, M. Effect of the substrate nature on the structural properties of Cu/Te bi-layers prepared by RF-sputtering 917
Debbins, J.P., Riederer, S.J., Rossman, P.J., Crimm, R.C., Felmlee, J.P., Breen, J.F., Ehman, R.L. Cardiac magnetic resonance fluoroscopy 7988
Debeau, J. *see* Barry, L.P. 16761
Debeda, H., Massok, P., Lucat, C., Menil, F., Aucouturier, J.L. Methane sensing: from sensitive thick films to a reliable selective device 36740
DeBell, D.A., Diviney, T.S. Use of DF sampling and stretch processing for a lower cost mapping radar 6959
Debenham, M. DOORway (Disabilities, Opportunities and OutReach): interactive computer conferencing system which provides peer group support for distance learners 8171
Debergh, P. *see* Arreguit, X. 27647
Debernardi, P., Osella, G. THz frequency conversion by four wave mixing in multi quantum well injection locked InGaAsP laser oscillators 4040
Debes, M. The safety of EDF nuclear generating facility enhancement through experience and steps forward 38557
Debevc, N., Svecko, R., Cepec, M., Dotter, F. Analysis and design of computer supported communications for hearing impaired persons 6170
Debey, R.K. *see* Keller, J.M. 54899
Debiak, T.W., Ng, Y., Sredniawski, J., Stasi, W. A sweep plate emittance scanner for high-power CW ion beams 49104
Debiak, T.W. *see* Melnychuk, S.T. 49111
Debiak, T.W. *see* Sredniawski, J.J. 49353
Debiao Ge *see* Ge Debiao
DeBiase, J.D. Organic solderability preservatives: benzotriazoles and substituted benzimidazoles 22065
Debiec, P. *see* Slot, K. 31432
Debinski, D. *see* Jakubauskas, M.E. 8559
Debionne, G., Boyer, J.J. Calibration of SAR antennas 16932
DeBitetto, P. *see* Atkins, S. 59917
DeBitetto, P.A. *see* Johnson, E.N. 49914
Debled-Rennesson, I., Reveilles, J.-P. A linear algorithm for segmentation of digital curves 4967
DeBlieck, N.L., Feller, P.J. The evaluation of thermosonic wedge bond width and optimal pull strength 60132
DeBlis, J. *see* Holzmann, A. 22072
Deblonde, G., Wagneur, N. Evaluation of global numerical weather prediction analyses and forecasts using DMSP special sensor microwave imager retrievals. 1. Satellite retrieval algorithm intercomparison study 60041
Deblonde, G., Yu, W., Garand, L., Dastoor, A.P. Evaluation of global numerical weather prediction analyses and forecasts using DMSP special sensor microwave imager retrievals. 2. Analyses/forecasts intercomparison with SSM/I retrievals 60042
Debnath, D., Sasao, T. An optimization of AND-OR-EXOR three-level networks 40763
Debnath, D. *see* Sasao, T. 21592
Debnath, N., Leman, Z., Aljunid, S.A.K. Baby alarm system for deaf parents having multiple sensory simulations 18551

Debnath, N., Mishra, B.N., Aljunid, S.A.K. Multi-purpose electronic door bell warning system using multiple sensing devices for deaf and hearing handicapped 18550
DeBoer, S. *see* Thakur, R.P.S. 22625
DeBoer, S.J., Thakur, R.P.S. Thin nitride films: pushing the limits using rapid thermal processing 22594
Debono, R.F. *see* Heimlich, M.S. 48433
Deboux, B.J.-C. *see* Schmitt, N.F. 55187
Debowski, L. *see* Bielewicz, Z. 9628
Debrie, J.-L. *see* Leturcq, P. 42905
Debrie, R. *see* Decoux, B. 57128
Debroise, A.-G. *see* Lemarie, B. 21109
DeBrosse, J. *see* Wong, H. 1417
DeBrosse, J.K. *see* Mandelman, J.A. 21662
DeBrunner, L.S. *see* DeBrunner, V.E. 9922
DeBrunner, L.S. *see* Richey, J. 1506
DeBrunner, V.E., DeBrunner, L.S., Radhakrishnan, S., Khan, A.K. The Telecomputing laboratory: a multipurpose facility used in DSP education at the University of Oklahoma 9922
DeBrunner, V.E., Tutunji, T.A., Corzine, A.R. Methods to design low-sensitivity canonical digital filters using impulse response data 1589
DeBrunner, V.E. *see* McKinney, E.D. 18526
DeBrunner, V.E. *see* Sridhar, R. 7875
DeBrunner, V.E. *see* Thripuraneni, J.A. 15115
Debs, A. *see* Golob, R. 60279
Debure, K., Hilton, M. Region-based wavelet image compression 25605
Debus, J., Essig, M., Schad, L.R., Wenz, F., Baudendistel, K., Knopp, M.V., Engenhart, R., Lorenz, W.J. Functional magnetic resonance imaging in a stereotactic setup 59405
Debus, J. *see* Knopp, M.V. 8010
Debus, J.C., Dubus, B., McCollum, M., Black, S. Finite element modeling of PMN electrostrictive materials 23167
Debusk, D. *see* Sherry, J. 43323
Decaesteke, T., Villard, M.J., Bois, J.R., Laforge, E., Chaubet, M., Huguet, P. X band high PAE MMIC HPA for space radar applications 58450
DeCara, P., Smith, D., Warner, J. A future en-route automation architecture 49963
DeCara, P., Smith, D., Warner, J. Preparing for future en-route automation architectures 49964
DeCaria, F. *see* Karsai, G. 27393
DeCarli, C. *see* Rajapakse, J.C. 59408
DeCarlo, R.A. *see* Rundell, A.E. 3264
DeCesaris, C., Millner, P., Forst, J. Role of interceptor hardware-in-the-loop testing in ballistic missile defense programs 28702
Dechert, G. *see* Forster, A. 15223
Dechter, R. *see* El Fattah, Y. 1275
Deck, L. *see* de Groot, P.D. 7650
Decker, D.B., Punch, W.F., Sticklen, J. IPCA, an architecture for intelligent control 7172
Decker, D.R., Olson, H.M., Tatikola, R., Gutierrez, R., Mysoor, N.R. Multichip MMIC package for X and K_a bands 31512
Decker, F.-J., Adolphsen, C.E., Assman, R., Bane, K., Kubo, K., Minty, M., Raimondi, P., Raubenheimer, T., Ruth, R., Spence, W.L. Long-range wakefields and split-tune lattice at the SLC 37122
Decker, F.-J., Adolphsen, C.E., Podobedov, B., Raimondi, P. Higher order beam jitter in the SLC linac 37123
Decker, F.-J., Bane, K., Emma, P., Hoyt, E., Ng, C., Stupakov, G., Turner, J., Usher, T., Virostek, S., Walz, D. Design and wakefield performance of the new SLC collimators 37121
Decker, F.-J. *see* Breidenbach, M. 37151
Decker, F.-J. *see* Holtzapple, R.L. 17987
Decker, I. *see* Martinen, D. 55772
Decker, J.E. *see* Siemsen, K.J. 48303
Decker, K. Robotised cutting 30201
Decker, K.W. *see* Lund, M.W. 37496
Decker, M.A. *see* Said, A.A. 24227
Decker, S. *see* Jungemann, C. 12861
Deckers, I. *see* van Bockstal, L. 4208
Deckers, K. *see* Verheyen, G. 28330
Deckers, M. *see* Oeynhausen, H. 60537
Deckers, T. *see* Krawczynski, H. 37287
Decleene, B. *see* Lee, Y. 48170
Declerck, J. *see* Gilles, S. 15990
Declerck, P. "ARMA" model and admissible trajectories in timed event graphs 52467
Declercq, M. *see* van Ruymbeke, G. 41300
Deco, G. *see* Schittenkopf, C. 10290
Decool, P., Duchateau, J.L., Specking, W. A way to increase the critical current in the stainless steel jacketed Nb_3Sn conductors for fusion 32950
Decoret, C. *see* Oriola, B. 4603
Decoster, D. *see* Jin, G.H. 33086
Decotignie, J.-D., Peraldi, M.-A. Producer-distributor-consumer model on controller area network 16303
Decotignie, J.-D. *see* Koppenhoefer, S. 57892
Decotignie, J.-D. *see* Morel, Ph. 16295
Decotignie, J.D. *see* Ruiz, L. 6262
DeCoursey, R.J. *see* Woods, D.C. 8465
Decoutere, S. *see* Cuthbertson, A. 2849
Decoutere, S. *see* Simoen, E. 12893
Decoux, B., Debrie, R. Self-supervised learning of constraints in the stereo-vision correspondence problem 57128
Decreton, M. *see* Berghmans, F. 38538
Decreton, M. *see* Berghmans, F. 44091
Decreton, M. *see* De Geeter, J. 56829
Decreton, M. *see* Deparis, O. 27639
Decreton, M. *see* Deparis, O. 43959
Decreuse, G. *see* Adam, A. 37280
Decreusefond, L., Zemor, G. On the error-correcting capabilities of cycle codes of graphs 52483
Decreuze, C., Ferney, M., Feschotte, D., Jacobe, P., Zerhouni, S.N. Design task subdivision method 52138
DeCristofano, B. *see* Aranda, F.J. 24229
Decrosta, D. *see* Fuller, R. 21386
DeCusatis, C., Abbate, A., Das, P. Wavelet image processor for pattern recognition and feature extraction 46401
Dede, E.J. *see* Ferreres, A. 9322
Dede Garcia Santamaria, E.J. *see* Garcia Gil, R. 13462
Dede Garcia-Santamaria, E.J. *see* Ejea Marti, J.B. 9321
Dedera, C.R. *see* Murphy, R.E., Jr. 39646
Dedic, I. *see* Tsukamoto, S. 1515
Dedieu, G. *see* Moulin, S. 8564
Dedkov, N.V. *see* Iskhakov, A.S. 60901
DeDoncker, R.W. *see* Schwartzenberg, J.W. 19902
Dedulle, J.M. *see* Pons, M. 10630
Dee, R.H. *see* Dan Wei 32860
Deel, D., Friedmann, M., Green, H. Moving uncompressed video faster than real time 27152
Deelman, P.W., Schowalter, L.J., Thundat, T. Temperature-dependent strain relaxation and islanding of Ge/Si(111) 717
Deelman, P.W., Thundat, T., Schowalter, L.J. AFM and RHEED study of Ge islanding on Si(111) and Si(100) 791
Deems, S. Groupware at Arthur Andersen 26076
Deemter, J.H.van *see* van Deemter, J.H.
Deen, M. *see* Holeschovsky, U.B. 29610
Deen, M.J. *see* Zhixin Yan 12909
Deene, Y.De *see* De Deene, Y.
Deeney, C. *see* Sanford, T.W.L. 7753
Deep Sen *see* Bastiaan Kleijn, W. 14899
Deepak, K.K. *see* Ghiyasvand, M.S. 8057
Deepukumar, M., George, J., Aanandan, C.K., Mohanan, P., Nair, K.G. A peripherally fed broadband modified circular microstrip antenna 34358
Deepukumar, M. *see* George, J. 34429
Deering, D.W. *see* North, P.R. 8536
Deering, D.W. *see* Vierling, L.A. 18764
Deering, W.D., Molina, M.I. Power switching in hybrid coherent couplers 33719
Dees, R.N. *see* Martin, N.C. 17876
Deese, H.E. *see* MacDonald, C.D. 50155
Deeter, D. *see* Hill, C. 58232
Deeter, D.L., Smith, A.E. Heuristic optimization of network design considering all-terminal reliability 57687
Defa Man *see* Man Defa
Defaut, M. *see* Courox, W. 56833
Defee, I. *see* Freynet, M. 57983
Deferm, L. *see* Badenes, G. 54423
Deferm, L. *see* Claeys, C. 43194
Deferm, L. *see* Cuthbertson, A. 2849
Deferm, L. *see* Montanari, D. 1373
Deferm, L. *see* Simoen, E. 12893
Deffenbaugh, M., Bellingham, J.G., Schmidt, H. The relationship between spherical and hyperbolic positioning 48159
Deffenbaugh, M., Schmidt, H., Bellingham, J.G. Acoustic positioning in a fading multipath environment 48160
Deffeyes, R.J. Adept, adapt, adopt: three hurdles for new products 142
Deffler, J., Licci, S. System synthesis models as a standard DoD tool for automatic test system analysis, selection, and development 36416
Deffner, G. *see* Kaufman, L.S. 57703
Deffner, J. *see* Meyer, B. 17486
Deffontaine, A. *see* Breaban, F. 7327
DeFigueiredo, R.J.P., Matz, S.C. Exponential nonlinear Volterra filters for contrast sharpening in noisy images 25418
Deflandre, G. *see* Esfandiari, B. 5962
Deflandre, T. *see* Rioual, P. 60888
Deflandre, T. *see* Robert, A. 8733
Defoort, F. *see* Proesmans, M. 56654
DeFord, J.F. *see* Brauer, J.R. 31580
Deform, L. *see* De Blauwe, J. 41148
DeFoster, S., Karst, D., Peterson, M., Sendelbach, P., Kottschade, K. Manufacturing test of fibre channel communications cards and optical subassemblies 48361
DeFoster, S.M. *see* Cohen, M.S. 6742
Defoug, S. Quantification of the local magnetization on non-oriented sheets: application to the study of the influence of external stress 55044
Defour, M. *see* Breugnot, S. 21397
Defour, M. *see* Breugnot, S. 24108
Defranoux, C., Piel, J.P., Stehle, J.L. Spectroscopic ellipsometry and photometry applied to color filter characterization 55382
Defranoux, C. *see* Boher, P. 2470
DeFreez, R.K. *see* Baird, B.W. 4095
DeFresart, E. *see* Gass, C. 22871
Defrise, M., Kinahan, P.E., Townsend, D.W., Michel, C., Sibomana, M., Newport, D.F. Exact and approximate rebinning algorithms for 3-D PET data 49502
Defu Cai, Huiying Liang, Xiangwen Wang, Jiaofan Chen Model-based human face recognition in intelligent vision 35009
Degand, N. *see* Quisquater, J.-J. 58588
Degani, M.H. *see* Maialle, M.Z. 42224
degard, T. *see* Beringer, J. 37394
Degauque, J. *see* Crottier-Combe, S. 38782
Degauque, J. *see* Tanguy, A. 3110
Degauque, J. *see* Tanguy, A. 13464
Degauque, P. *see* Lienard, M. 6571
Degawa, S. *see* Oikawa, T. 29065
Degenhardt, W. *see* Hartmann, G.K. 8419
DeGenova, J., Williams, D. Ultrapure DI water recycling in a semiconductor wafer fabrication facility 10220
Degerine, S., Lambert, S. Evolutive instantaneous spectrum associated with the partial autocorrelation function for nonstationary time series 45775
Degerine, S. *see* Chonavel, T. 25115
Degermark, M., Pink, S. Issues in the design of a new network protocol 16116
Deghadi, M., Triplett, J.D. Simulation of a PWM converter using ICAP/4 to verify the design 60896
Deghoul, F. *see* Moncorge, R. 3991
DeGiorgi, V., Matic, P. Material variability and performance predictions on an active composite panel 13343
DeGloria, D.P. *see* Henshaw, P.D. 28623
Degnan, J.J. *see* McGarry, J.F. 36265
Degnan, J.J. *see* Vasil'ev, V.P. 44833
Degobert, P. *see* Loriol, D. 60908
Degobert, P. *see* Vandecasteele, F. 60757
Degond, P., Poupaud, E., Yamnahakki, A. Particle simulation and asymptotic analysis of kinetic equations for modeling a Schottky diode 32354
Degond, P. *see* Ben Abdallah, N. 54566
Degot, J. Massively parallel computation of many-variable polynomial interpolation 10435
DeGrado, T.R. *see* Turkington, T.G. 59501
Degraeve, R., De Blauwe, J., Ogier, J.L., Roussel, Ph., Greoseneken, G., Maes, H.E. A new polarity dependence of the reduced trap generation during high-field degradation of nitrided oxides 43239
Degraeve, R. *see* De Blauwe, J. 41148
DeGroat, J., Summers, J. Graphical interface for use in hierarchical extraction of electronic circuits 1067
Degroat, R.D., Dowling, E.M., Linebarger, D.A. Bias correction and forward-backward averaging in frequency/DOA tracking problems 15328
DeGroat, R.D. *see* Dowling, E.M. 4813
DeGroot, D.C., Marks, R.B. Optimizing time-domain network analysis 17756
Degroot, D.C., Walker, D.K., Marks, R.B. Impedance mismatch effects on propagation constant measurements 48857
Degroote, S. *see* Vantomme, A. 30744
DeGruson, J.A. *see* Dermott, J.C. 18719
Degtorov, S. *see* L'Ecuyer, J. 37565
Degtyarev, A.V. *see* Gurin, O.V. 44335
Degtyarev, E.V. *see* Pavlova, V.A. 58828
Degtyarev, E.V. *see* Vorontsov, M.A. 4992
Deguchi, E. *see* Fukuda, M. 32307
Deguchi, H., Miyahara, N., Urasaki, S., Shimawaki, Y., Matsumoto, S. A scanning multiple-beam antenna using double spherical reflectors 56138
Deguchi, H., Nagaya, N., Naito, I., Matsumoto, S., Makino, S., Masuda, M. An analysis of broadband corrugated conical horn antennas taking account of space harmonics due to mode converters 56117
Deguchi, H. *see* Takabayashi, M. 34278
Deguchi, K. Comparative studies on the dielectric properties of the hydrogen-bonded ferroelectrics, $PbHAsO_4$ and $PbHPO_4$ 23165
Deguchi, K. A direct interpretation of dynamic images and camera motion for vision guided robotics 25487
Deguchi, K. Shape reconstruction from endoscope image by its shadings 28148
Deguchi, K., Miyoshi, K., Oda, M., Matsuda, T., Ozawa, A., Yoshihara, H. Extendibility of synchrotron radiation lithography to the sub-100 nm region 32291
Deguchi, K. *see* Kikuchi, Y. 31256
Deguchi, K. *see* Noguchi, T. 15487
Deguchi, K. *see* Okatani, T. 5303
Deguchi, K. *see* Sunouchi, K. 41169
Deguchi, M., Hase, N., Kitabatake, M., Kotera, H., Shima, S., Sakakima, H. Piezoresistive properties of p-type CVD diamond films 17796
Deguchi, M. *see* Nan Jiang 42365
Deguchi, M. *see* Won, J. 30885
Degui Chen *see* Ming Sun 11843
Degui Chen *see* Chen Degui
Degui Sun, Chunhe Zhao, Chen, R.T. Intraplane to interplane optical interconnects with a high diffraction efficiency electro-optic grating 33317
Deguillemont, D. *see* Lecoeuche, S. 35333
Deguin, A. *see* Chaabane, L. 48467
Deh-Chang Wei, Nanming Chen Hydrothermal generation coordination with direct load control 60227
Dehaene, J., Vandewalle, J. Adaptive signal processing with unidirectional Hebbian adaptation laws 4658
Dehai Wu *see* Wu Dehai
Dehan, E. *see* Pedroviejo, J.J. 12623
Dehaven, P.W. *see* Rodbell, K.P. 42780

Dehay, D., Hurd, H.L. Empirical determination of the frequencies of an almost periodic sequence 4668
Dehe, A., Hartnagel, H.L., Pavlidis, D., Hong, K., Kuphal, E. Properties of InGaAs/InP thermoelectric and surface bulk micromachined infrared sensors 7341
Dehe, A., Krozer, V., Chen, B., Hartnagel, H.L. High-sensitivity microwave power sensor for GaAs-MMIC implementation 1723
Deheng Li *see* Li Deheng
Deheng Zhu *see* Zhu Deheng
DeHerrera, M.F. *see* Rodriguez, A.A. 20617
Dehili, A., Akil, M., Dujardin, E., Zahirzami, S., Hamard, K. Parallel Hough transform on a hierarchical structure 5407
Dehili, A., Akil, M., Dujardin, E., Zahirzami, S., Hamard, K. Parallel Hough transform on hyperpyramid architecture: a divide and conquer approach 57222
Dehkordi, P., Powell, T., Bouldin, D. Performance comparison of MCM-D and SMT packaging technologies for a DSP subsystem 1894
Dehkordi, P.H. *see* Bouldin, D.W. 30239
Dehler, G.E. *see* Green, S.G. 52141
Dehler, M., Wilson, I., Wuensch, W. CLIC waveguide damped accelerating structure studies 49057
Dehmeshki, J., Daemi, M.F., Mather, P.M. An adaptive stochastic approach for soft segmentation of remotely sensed images 60095
Dehnel, A., Klaus, H. A comparison of scales of judgement for the determination of speech quality with category estimation tests 34680
DeHon, A. *see* Mirsky, E. 21577
Dehong Xu, Masada, E., Ohsaki, H. Synthesizing of optimal PWM wave for current converters 51097
DeHope, W.J. Current status end future trends in computer modeling of high-power traveling-wave tubes 1949
Dehua Han *see* Han Dehua
Dehua Li *see* Yansong Chen 33599
Dehua Li *see* Yansong Chen 44604
Deib, D.A., Kim, J.M.S. Nonlinear high-frequency active switching filters for DC side of AC/DC power converters 19837
Deib, D.A., Kim, J.M.S. Nonlinear high-frequency switching filters for the DC-Side of AC/DC power converters 38841
Deich, V., Roth, M. Improved performance lead iodide nuclear radiation detectors 37324
Deicher, M. *see* Lindner, A. 40358
Deido, T. *see* Ooshima, M. 38716
Deimel, P. *see* Cabanski, W. 17501
Deimling, M. *see* Guckel, C. 37642
Deineko, V.G., Woeginger, G.J. The convex-hull-and-k-line travelling salesman problem 458
Deipser, A., Stegmann, R. Teleworkplace for the handicapped 8172
Deiseroth, R., Walbrunn, R. Housing high-tech [remote shelter digital line units] 35844
Deiters, K. *see* Adam, A. 37280
Deiters, K. *see* Alexeev, G. 59200
Deiters, K. *see* Berdugo, J. 37448
Deitinghoff, H., Parisi, G., Sauer, A., Pabs, M. Beam dynamics calculations for the acceleration of different ions in a heavy ion linac 37104
Deitinghoff, H. *see* Schempp, A. 37099
DeJesus, E.X. New tools for Internet apps 16219
DeJong, K. *see* Bala, J. 5631
DeJong, K.A. *see* Ahmed, M.A. 52531
DeJong, S.C. *see* Liang, W. 37733
DeJong, S.C. *see* Prause, G.P.M. 37736
DeJong, S.C. *see* Zhang, X. 49525
Dejous, C., Rebiere, D., Pistre, J., Planade, R. Temperature dependence of SH-APM delay-lines on quartz: design rules for (bio)chemical sensors 23284
DeJule, R. E-beam lithography: the debate continues 2485
Dejule, R. Advances in CMP 12789
DeJule, R. Vacuum pump designs to meet process requirements 13057
DeJule, R. Wafer stepper trends 54552
Dejun Han *see* Han Dejun
Dejun Kong *see* Kong Dejun
Dejun Wang *see* Wang Dejun
Dejus, R.J. *see* Ilinski, P. 37065
Deka, M. *see* Wiecek, B. 5482
DeKamp, J. *see* Zhang, B. 49161
Dekanova, N.P. *see* Kler, A.M. 50764
Dekany, A. *see* Malicsko, L. 32971
deKemp, R.A. *see* Watson, C.C. 37675
Dekeyser, J.-L. *see* Galinec, D. 57107
Dekeyser, J.C. *see* Zhang, L. 36527
Dekhissi, H. *see* Cecchini, S. 7822
Deki, S., Aoi, Y., Miyake, Y., Gotoh, A., Kajinami, A. Novel wet process for preparation of vanadium oxide thin film 827
Dekker, A.J.den *see* den Dekker, A.J.
Dekker, D.L. The difference between "open-ended projects" and "design projects" 20682
Dekker, K. *see* Amon, M. 59790
Dekker, M.J. Eddy currents induced by deflection fields in electron guns of cathode ray tubes 48775
Dekker, N.H. *see* Johnson, K.S. 2484
Dekker, P. *see* Yujing Huo 3779
Dekker, R. *see* Van Rijs, F. 21922
Dekneuvel, E. *see* Medromi, H. 27897
Deknuydt, B. *see* Desmet, S. 15615
Dekorsy, T. *see* Kurz, H. 12505
Deksnis, G., Geraskin, O., Ragovska, M., Tovmasyan, K. Choice of generating units of a power station by optimizing its regimes 8986
Deksnys, A. *see* Vengalis, B. 41385
Del, A.R. *see* Ustinov, V.V. 23350
del Alamo, C.M., Gil, F.J.C., de la Torre Munilla, C., Gomez, L.H. Discriminative training of GMM for speaker identification 15130
Del Alamo, C.M. *see* De La Torre, C. 14996
del Alamo, J. *see* Qing Hu 13050
del Alamo, J.A. *see* Somerville, M.H. 1719
del Alamo, J.A. *see* Somerville, M.H. 43139
Del Alamo y Del Sarmiento, J.L. *see* Duque Perez, O. 8881
Del Bene, R. *see* Baroni, M. 49440
Del Bimbo, A. *see* Corridoni, J.M. 7103
Del Campo, D.P. The pulse of the network [telecommunications power systems] 35536
del Canizo, C. *see* Luque, A. 1992
Del Castillo, E. A multivariate self-tuning controller for run-to-run process control under shift and trend disturbances 10042
Del Castillo, E. *see* Zhe Ning 30184
Del Castillo, H. *see* Mauskopf, P.D. 36577
del Cerro, F.M., Desco, M. EMERALD. A field trial of an ATM based telemedicine system for medical images 28297
Del Corona, A. *see* Bechini, M. 8191
Del Corona, A. *see* Tofani, A. 37872
Del Corso, G.J. *see* Zhu, Q. 13412
Del Fabro, R. *see* Luiten, A.N. 48500
Del Ferro, A. *see* Cancellieri, G. 4456
Del Gaudio, M. *see* Babiloni, F. 59707
Del Gobbo, G., Giammanco, F., Maccarrone, F., Marsili, P., Strumia, F. Experimental study of an argon laser discharge in a transverse magnetic field 3685
Del Gratta, C. *see* Pasquarelli, A. 8007
del Greco, M. *see* Porta, A. 49636
Del Guerra, A. *see* Bertolucci, E. 37628
Del Guerra, A. *see* Gambaccini, M. 18330
Del Guerra, A. *see* Marchesini, R. 59447
Del Guerra, A. *(editor)* 1996 IEEE Nuclear Science Symposium Conference Record (Cat. No.96CH35974) 52003
del Lago, E. When memory is important [SRAMs and DRAMs] 21675
Del Mar Aguiar, M., Aguiar, K. The advantages and drawbacks of the client-server architecture 6071
Del Marco, S., Weiss, J. Improved transient signal detection using a wavepacket-based detector with an extended translation-invariant wavelet transform 45933
Del Medico, S., Benyattou, T., Guillot, G., Venet, T., Gendry, M., Tardy, J., Chovet, A. Micro-Hall magnetic sensors with high magnetic sensitivity based on III-V heterostructures 17286
del Monte, F. *see* Cheben, P. 14447
Del Moral, A. *see* Algarabel, P.A. 3246
del Moral, J.B.Gomez *see* Gomez del Moral, J.B.
del Muro, M.Garcia *see* Garcia del Muro, M.
Del Papa, C. *see* D'Auria, S. 59251
Del Papa, C. *see* Quaranta, A.A. 37329
Del Papa, J. *see* Scott, C.J. 47405
Del Pero, R. *see* Barbero, M. 27128
Del Pizzo, A., Marongiu, I., Perfetto, A. Direct torque-control with predictive algorithm in microprocessorized permanent magnet drives 61134
del Pozo, F. *see* Vaquero, J.J. 37711
Del Prete, Z. *see* Cappa, P. 27435
Del Re, E., Fantacci, R., Giambene, G. Call blocking performance for dynamic channel allocation technique in future mobile satellite systems 6522
Del Re, E. *see* Argenti, F. 15304
Del Re, E. *see* Argenti, F. 45901
Del Re, E. *see* Argenti, F. 47874
Del Re, E. *see* Castellini, G. 26613
Del Re, E. *see* Raspanti, R. 6878
del Rey, B. *see* Rojo, G. 43891
del Rio, J.G.C. *see* Jimenez, E. 31483
Del Sarmiento, J.L.Del Alamo y *see* Del Alamo y Del Sarmiento, J.L.
Del Tredici, S. *see* Bechini, M. 8191
Del Tredici, S. *see* Tofani, A. 37872
del-Valle-Jeldres, J., Perez-Vasquez, G. Control of harmonics and power factor improvement 8769
dela Parra, H.Zelaya *see* Zelaya dela Parra, H.
Delaboche, L. *see* Vasseur, P. 47571
Delabouglise, G. *see* Rumyantseva, M.N. 36739
Delabre, M. *see* Bouscayrol, A. 51787
Delachartre, P. *see* Ma, N. 56443
Delachartre, P. *see* Rastello, T. 49985
Delacressonniere, B. *see* Balatchev, S. 53665
Delacressonniere, B. *see* Pasquet, D. 27882
Delacretaz, G. *see* Rink, K. 4176
Delafond, J. *see* Afif, M. 41757
Delage, A. *see* Taylor, R.P. 42074
Delage, A. *see* Tzolov, V.P. 33027
Delage, D., Roca, R., Bertin, F., Delcourt, J., Cremieu, A., Massebeuf, M., Ney, R., Van Velthoven, P. A consistency check of three radar methods for monitoring eddy diffusion and energy dissipation rates through the tropopause 60053
Delage, L. *see* Simohamed, L.M. 13574
Delage, O., Garconnet, J.-P., Le, C.-T., Arsenault, H.H., Dang, Q.P. An adaptive filter for spatial resolution enhancement in the reconstruction of images degraded by signal-dependent noise 35328
Delage, S. *see* Borgarino, M. 54599
Delage, S. *see* Dhondt, F. 54613
Delage, S.L. *see* Blanck, H. 53667
Delage, S.L. *see* Henkel, A. 32144
Delage, S.L. *see* Henkel, A. 41468
Delage, S.L. *see* Plana, R. 32379
Delagnes, E. *see* Anghinolfi, F. 59312
Delagnes, P., Barba, D. Rectilinear structure extraction in textured images with an irregular, graph-based Markov random field model 5570
Delahaye, D., Alliot, J., Shoenauer, M., Farges, J. Genetic algorithms for automatic regrouping of air traffic control sectors 49958
Delahaye, F., Melcher, J., Bohacek, J. Accurate comparisons of quantized Hall resistances at 1.6 kHz 27825
Delahoche, L. *see* Vasseur, P. 46996
Delahoy, A.E., Payne, A.M. Determination of the internal series resistance of CIS and CIGS photovoltaic cell structures 39075
Delahoy, A.E. *see* Gabor, A.M. 39095
Delaigle, J.F. *see* Goffin, F. 57344
Delaire, J.A. *see* Chauvin, J. 55835
Delaleau, E. *see* Chelouah, A. 60755
Delamarre, C. *see* Androussi, Y. 40413
Delaney, E. Magnetic circuit breakers: the resettable system protector 29503
Delaney, K. *see* Doyle, R. 22113
Delaney, P.A. *see* Doser, A.B. 4894
Delaney, P.A. *see* Doser, A.B. 25204
Delaney, P.A. *see* Walsh, D.O. 15388
Delaney, P.A. *see* Warrick, A.L. 6921
Delaney, T. *see* Smith, J. 46990
Delanoy, R.L. Toolkit for Image Mining: user-trainable search tools 15671
Delansay, P. *see* Penninckx, D. 58297
DeLaPaz, R. *see* Meyer, K.L. 7990
Delaporte, P. *see* Tassy, I. 13941
Delaporte, P.C. *see* Sentis, M.L. 44342
Delarue, P., Bausiere, R. New control method for active power filter needing line current measurement only 41310
Delavaux, J.-M.P., Giles, C.R., Granlund, S.W., Chen, C.D. Repeatered bidirectional 10 Gb/s-240 km fiber transmission experiment 16663
Delavaux, J.-M.P., Granlund, S., Mizuhara, O., Tzeng, L.D., Barbier, D., Rattay, M., St. Andre, F., Kevorkian, A. Integrated optics erbium-ytterbium amplifier system in 10-Gb/s fiber transmission experiment 26874
Delavaux, J.-M.P., Mizuhara, O., Yeates, P.D., Nguyen, T.V. 10 Gb/s--156 km bi-directional repeaterless optical fiber transmission 26731
Delavaux, J.-M.P. *see* Barbier, D. 33109
Delavaux, J.-M.P. *see* Giles, C.R. 26824
Delaye, P., Blouin, A., de Montmorillon, L.-A., Biaggio, I., Drolet, D., Monchalin, J.-P., Roosen, G. Detection of ultrasonic vibrations on rough surfaces through the photorefractive effect 18952
Delaye, P., de Montmorillon, L.A., Biaggio, I., Launay, J.C., Roosen, G. Wavelength dependent effective trap density in CdTe: evidence for the presence of two photorefractive species 22222
Delaye, P. *see* Dunning, G.J. 21398
Delayen, J.R., Bohn, C.L. Overview of superconducting RF technology and its application to high-current linacs 7711
Delayen, J.R. *see* Bohn, C.L. 7701
Delbimbo, A. *see* Corghi, A. 56860
Delboulbe, A. *see* Marsi, M. 31782
DelCarmine, P. *see* Poggi, G. 18118
Delcourt, J. *see* Delage, D. 60053
Delcroix, J.-C. The telecommunications stranglehold on Europe's information use: practical constraints for SMEs and economic assessment based on cost models 57957
Delebarre, C. *see* Bourssseau, S. 10970
Delebarre, C. *see* Demol, T. 13379
Delebarre, C. *see* Kaczmarek, H. 11004
Delemontey, B., Jacquot, B., Iung, C., De Fornel, B., Bavard, J. Stability analysis and stabilisation of an induction motor drive with input filter 61131
Delemontey, B. *see* Jacquot, B. 61159
Deleonibus, S. High temperature local oxidation of silicon field isolation morphological characterization 12758
Deleonibus, S. *see* Guillaumot, B. 1371
Deleroi, W. *see* Winterling, M.W. 51796
Deletage, J.-Y., Fenech, A., Bechou, L., Ousten, Y., Danto, Y., Salagoity, M., Faure, C., Rao, S. Thermomechanical behavior of ceramic ball grid array based on experiments and FEM simulations 30264
Delevaque, E., Quetel, L., Rivoallan, L., Morvan, M., Poignant, H., Monerie, M., Martinelli, G., Douay, M. Chromatic dispersion compensation using Bragg grating photoinduced within accurately tapered fibres 48025
Delevaque, E. *see* Chawki, M.J. 16721
Delevaque, E. *see* Chusseau, L. 55907
Delevaque, E. *see* Lebref, R. 33408
Delevaque, E. *see* Lebref, R. 55538
Delevaque, E. *see* Poignant, H. 43979
Delevaque, E. *see* Pureur, D. 23476
Delevaque, E. *see* Quetel, L. 13600
Delevaque, E. *see* Taunay, T. 43967
Deley, M., Leonard, J., Ramsey, C., Smith, D. Assembly process tolerance issues for very fine

pitch. Moving from 25 mils pitch to 15 mils pitch and below 53784
Delferriere, O. *see* Beauvais, P.-Y. 37207
Delfino, B., Denegri, G.B., Invernizzi, M., Morini, A. Voltage stability of power systems: links between static and dynamic approaches 8727
Delfino, B. *see* Bottino, M.P. 60355
Delfino, B. *see* Mpanda-Mabwe, B. 50513
Delforge, J. *see* Millet, P. 18327
Delforge-Delmotte, C., Lemaire-Semail, B. Induction machine modelling using permeance network for vector control drive applications 38729
Delfosse, N., Loubaton, P. Adaptive blind separation of convolutive mixtures 4866
Delfosse, N., Loubaton, P. Adaptive blind separation of convolutive mixtures 25134
Delft, F.C.M.J.M.Van *see* Van Delft, F.C.M.J.M.
Delfyett, P.J. *see* Hong, M.Y. 55716
Delgadillo, I., Vargas, M., Cruz-Orea, A., Alvarado-Gil, J.J., Baquero, R., Sanchez-Sinencio, F., Vargas, H. Photoacoustic CdTe surface characterization 31802
Delgadillo, I. *see* Cruz Orea, A. 12361
Delgado, A., Puigjaner, L., Sanjeevan, K., Sole, I. Hybrid system: neural networks and genetic algorithms applied in nonlinear regression and time series forecasting 427
Delgado, A., Rodriguez-Fuentes, G., Rabdel Ruiz-Salvador, A., Berazain-Iturralde, A. Dielectric response in natural clinoptilolite 13204
Delgado, A., Unamuno, V., Muniz, J.L., Correcher, V., Gomez Ros, J.M. A simple UV irradiator for low dose reassessment with LiF TLD-100 18570
Delgado, A. *see* Budzanowski, M. 18576
Delgado, A. *see* Evans, J.M. 3753
Delgado, A. *see* Gomez Ros, J.M. 8197
Delgado, A. *see* Munoz, J.A. 44215
Delgado, E. *see* Torres, F. 11199
Delgado, G. Theory, design, and evaluation of the rotating polarizer interferometer 11656
Delgado, J. *see* Casaca, A. 28815
Delgado, J. *see* de Vidts, P. 19963
Delgado, M.R.B.S. *see* Dias, A.V. 7876
Delgado, R.E. *see* Ozdamar, O. 28321
Delgado Aramburo, M.C. *see* Garcia Nava, J.F. 17187
Delgado-Restituto, M., Linan, M., Rodriguez-Vazquez, A. IC design for spread spectrum communication exploiting chaos 1634
Delgrado, J. *see* Rojas, J.E. 50124
Delgrossi, L., Schaller, S., Wolf, L. Relationships among inter-dependent real-time streams 46773
Delhote, C. *see* Le Chevalier, R.F. 58448
Deli Ouyang *see* Ouyang Deli
D'Elia, G. *see* Bucci, O.M. 14713
D'Elia, G. *see* Bucci, O.M. 33799
D'Elia, G. *see* Bucci, O.M. 34399
D'Elia, M.J., Alfonso, T.F. Optimizing process and equipment efficiency using integrated methods 43192
DeLiang Wang, Terman, D. Image segmentation based on oscillatory correlation 57525
Delibasis, K. *see* Undrill, P.E. 59424
Delic, H., Sarin, S.V. Nonpreemptive slotted-ring local area networks for users with priority messages 35770
Delic, V.D., Milosevic, V.S., Senk, V. General theory of a new speech scrambling concept 24843
Delides, C. *see* Pissis, P. 43521
Deligiannis, F., Blosiu, J.O., Perrone, D., Di Stefano, S. NASA battery testbed: lessons learned applications to orbiting spacecraft 18724
Deligiannis, F. *see* Chetty, P.R.K. 18665
Deligiannis, F. *see* Chmielewski, A.B. 18734
Deligiannis, F. *see* Sherwood, R. 18723
Delija, D. *see* Pehar, D. 35750
Delin, J., Zacharski, R. Pragmatic determinants of intonation contours for dialogue systems 56362
Delin, K.A. *see* Wong, W.H. 55135
Deling Pang *see* Pang Deling
Delint, P.J., Berendschot, T.T.J.M., van Norren, D. Local photoreceptor alignment measured with a scanning laser ophthalmoscope 28296
Delisle, C., Conradi, J. Model for bidirectional transmission in an open cascade of optical amplifiers 55537
Delisle, C.A. *see* Hazra, L.N. 55946
Delisle, G., Dibble, E., Fuller, J. Transition: lessons learned in the development and production of IBM's μLaminate™ PBGA 238
Delisle, G.Y. *see* Bergeron, E. 36000
Delisle, G.Y. *see* Hefnawi, M. 35898
Delisle, G.Y. *see* Luneau, P. 36232
Delisle, J.T., Gouker, M.A., Duffy, S.M. 45-GHz MMIC power combining using a circuit-fed, spatially combined array 14757
Delisle, J.T. *see* Gouker, M.A. 14745
Delitsyn, A.L. *see* Bogolyubov, A.N. 34168
Dell, G.F. *see* Peggs, S. 17959
Della Corte, F.G. *see* Cocorullo, G. 7257
Della Corte, F.G. *see* Cocorullo, G. 33088
Della Corte, F.G. *see* Cocorullo, G. 33314
Della Corte, F.G. *see* Cocorullo, G. 58695
Della Dora, J., Jung, F. Resolvent and rational canonical forms of matrices 30419
Della Giustina, D. *see* Cortelazzo, G. 5465
Della Marina, R. *see* Batignani, G. 59329
Della Mea, G. *see* Rigato, V. 10890
Della Penna, S. *see* Pasquarelli, A. 8007
Della Pietra, S. *see* Epstein, M. 14891
Della Santa, A., Mazzoldi, A., Tonci, C., De Rossi, D. Conducting polymer electromechanics: a continuum model of passive mechanical properties 10976
Della Torre, E., Eicke, J.G. Eddy currents in micromagnetic calculations 43699
Della Torre, E., Vajda, F. Effect of apparent reversibility on parameter estimation [magnetic recording] 43695
Della Torre, E. *see* Lewis, D. 43608
Della Torre, E.D. *see* Vajda, F. 43702
Della Vecchia, G., Distasi, R., Nappi, M., Vitulano, D. A parallel implementation of image coding using linear prediction and iterated function systems 15580
Della Vedova, S. *see* Caputo, C. 10178
Della-Negra, S. *see* Waast, B. 49155
Dell'Acqua, R. Integration techniques for smart sensors 36484
Dell'Acqua, S. *see* Agnesi, A. 14054
Dell'Acqua, S. *see* Agnesi, A. 33457
Dellagiovanna, M. *see* Francesio, L. 10726
Dell'Agnello, S. *see* Andryakov, A. 37226
Dellaguardia, R. *see* Lindsay, T. 42820
Dellalov, V.S. *see* Dan'shin, N.K. 3165
Dellamarina, R. *see* Batignani, G. 7811
Dell'Aquila, A., Giliberti, V., Montaruli, E., Zanchetta, P. Least squares high-voltage modulation strategy for PWM inverters 51172
Dell'Aquila, A., Papa, S., Salvatore, L., Stasi, S. A delayed state Kalman filter for on-line estimation of induction motor parameters and rotor flux space vector position 9209
Dell'Aquila, T. *see* Buizza, A. 8095
Dellarochetta, S. *see* Dusa, M. 2465
Dellavalle, A. *see* Steffenino, G. 8185
Dellenback, S.W., McGowan, P.F. Advanced traveler information systems using low power television stations 58590
Dellepiane, S., Fontana, F. Supervised fuzzy contextual segmentation of polarimetric SAR images 26950
Dellepiane, S. *see* Mari, M. 5415
Dellepiane, S. *see* Smits, P.C. 5416
Dellepiane, S. *see* Smits, P.C. 48107
Dellepiane, S. *see* Smits, P.C. 58453
Dellepiane, S. *see* Vernazza, G. 57122
Delleur, A. *see* Fincannon, J. 18717
Delli Priscoli, F., Sestini, F. Effects of imperfect power control and user mobility on a CDMA cellular network 16594
Delli Priscoli, F. *see* Baiocchi, A. 47642
Dell'Isola, M. *see* Bernieri, A. 58614
Dell'Isola, M. *see* Carotenuto, A. 36980
Dellnitz, M., Hohmann, A. A subdivision algorithm for the computation of unstable manifolds and global attractors 30577
Dell'Orco, D. *see* Scanlan, R.M. 13516
Dell'Orco, D. *see* Scanlan, R.M. 37053
dell'Orto, T. *see* Almeida, J. 32050
Dell'Orto, T. *see* Coluzza, C. 2242
dell'Orto, T. *see* Coluzza, C. 12518
Dellunde, J., Torrent, M.C., Sancho, J.M., Shore, K.A. Transverse multimode dynamics of gain-switched VCSELs 33550
Dellunde, J., Valle, A., Shore, K.A. Transverse-mode selection in external-cavity vertical-cavity surface-emitting laser diodes 14126
Dellunde, J., Valle, A., Shore, K.A. Transverse mode excitation in external cavity vertical cavity surface emitting lasers 33551
Dellunde, J. *see* Turovets, S.I. 24024
Dellunde, J. *see* Turovets, S.I. 33474
Dellwig, T. *see* Kusch, S. 3530
Delmas, A. *see* Bauville, G. 28952
Delmas, C. *see* Guerlou-Demourgues, L. 19965
Delmas, O., Perennes, S. Circuit-switched gossiping in 3-dimensional torus networks 16025
Delmas, S. *see* Ferreira, A. 9906
Delmond, M., Billonnet, L., Jarry, B., Guillon, P. Multicellular high-order active recursive filter using MMIC technology 53662
Delmotte, F., Dubois, L., Borne, P. Context-dependent trust in data fusion within the possibility theory 24928
DeLoach, L.D. *see* Page, R.H. 44524
Delobelle, P. *see* Trolard, B. 31012
Delogne, P. *see* Vandendorpe, L. 56561
Delogu, C., Paoloni, A., Ridolfi, P., Sementina, C. A field evaluation of the Italian "Automated reverse directory assistance" service 56365
Deloizy, M. *see* Betin, F. 60820
Delong, D.M. *see* Paulson, E.K. 37644
DeLong, J. *see* Sachs, R.M. 45673
DeLong, K.W. *see* Krumbugel, M.A. 44711
DeLong, K.W. *see* Taft, G. 55588
Delong, K.W. *see* Tsang, T. 17832
DeLong, M.L., Duncan, B.D., Parker, J.H., Jr. Volume-holographic memory for laser threat discrimination 4100
DeLong, M.L. *see* Milligan, S.A. 8262
DeLong, R. *see* Davis, B. 29843
DeLong, T.A. *see* Smith, D.T. 52104
Delong Jiang *see* Jiang Delong
Deloof, P., Heddebaut, M. A pulsed microwave radar sensor to reduce road vehicle collisions 58471
Delopoulos, A., Kalogeras, D., Alexopoulos, V., Kollias, S. Real-time MPEG-1 video transmission over local area networks 15607
Delopoulos, A.N. *see* Panagiotidis, N.G. 15645
Delorey, D.E. *see* Ray, K.P. 51610
Delori, H. *see* Courtois, B. 52126
Delorme, F., Alibert, G. Reliability study of 1.55 μm distributed Bragg reflector lasers 44438
Delorme, F., Grosmaire, S., Gloukhian, A., Ougazzaden, A. High power operation of widely tunable 1.55 μm distributed Bragg reflector laser 33505
Delorme, F. *see* Talneau, A. 24290
Delorme, F. *see* Tillerot, F. 16760
Delorme, L. *see* Blanchard, M. 19290
Delorme, N., Belleville, M. Interconnect parasitics evaluation and optimization 42647
Delorme, N., Belleville, M., Bisotto, S., Chilo, J. Interconnection schemes for parasitics optimization 54512
Delos, E. *see* Fawaz, H. 54822
Delos, E. *see* Langrez, D. 53593
Delosme, J.-M. *see* Davis, L. 15576
Delp, E.J. *see* Allebach, J.P. 52032
Delp, E.J. *see* Ke Shen 58052
Delp, E.J. *see* Salama, P. 57094
Delp, T. *see* Murata, B.N. 17053
Delpech, J.P. *see* Kuntz, F. 28472
Delpierre, P. *see* Arrighi, C. 7816
Delpierre, P. *see* Bauer, C. 37326
Delpierre, P. *see* Bauer, C. 37378
Delpierre, P. *see* Becks, K.H. 59228
Delpon, E.L. *see* Kohl, A. 55751
Delport, G.J., Lane, I.E. An energy conversion and integration methodology for end-user groups in deep level mines 39484
Delport, V. Efficient codebook design in vector quantization by parallel simulated annealing and evolutionary selection 46479
Delprat, D., Ramdane, A., Ougazzaden, A., Carre, M. Very simple approach for high performance tunable laser realisation 3810
Delprat, D., Ramdane, A., Ougazzaden, A., Nakajima, H., Carre, M. Integrated multiquantum well distributed feedback laser-electroabsorption modulator with a negative chirp for zero bias voltage 23944
Delprat, D. *see* Mircea, A. 40488
Delprat, D. *see* Ramdane, A. 26813
Delprat, D. *see* Ramdane, A. 44488
Delprat, D. *see* Silvestre, L. 52645
Delprat, D. *see* Zimmermann, G. 52646
Delprat, N. Global frequency modulation laws extraction from the Gabor transform of a signal: a first study of the interacting components case 24641
Delseny, C., Pascal, F., Jarrix, S., Lecoy, G. Noise correlation measurements in bipolar transistors. II. Correlation between base and collector currents 32382
Delseny, C. *see* Jarrix, S. 32381
Delsilvestro, J. *see* Muller, S. 60993
Delu Nu *see* Nu Delu
Delu Zheng *see* Zheng Delu
DeLuca, P. Laser trimming SMT devices, a synergistic approach 41657
Delucchi, C. *see* Werner, M. 25840
DeLucia, F.C. *see* Mukhopadhyay, I. 44367
DeLucia, J., Poor, H.V. Performance analysis of sequential tests between Poisson processes 21058
DeLurgio, S.A., Sr., Foster, S.T., Jr., Dickerson, G. Utilizing simulation to develop economic equipment selection and sampling plans for integrated circuit manufacturing 10196
Delurio, M. *see* Behbahani, F. 21542
Delurio, M. *see* Behbahani, F. 21778
Delves, L.M. *see* Finch, I. 48068
Delyon, B., Juditsky, A. On the computation of wavelet coefficients 40290
DeLyon, T.J. *see* Wu, O.K. 48663
DeLyser, R.R., Holloway, C.L., Johnk, R.T., Ondrejka, A.R., Kanda, M. Figure of merit for low frequency anechoic chambers based on absorber reflection coefficients 4294
DeLyser, R.R., Rosa, A.J., Mirth, J., Kim, J. Undergraduate engineering curricula revision at the University of Denver 20551
DeLyser, R.R. *see* Holloway, C.L. 34112
Demaistre, N., Labit, C. Progressive image transmission using wavelet packets 57024
Demanet, C.M., Vijaya Sankar, K., Malherbe, J.B., van der Berg, N.G., Odendaal, R.Q. Atomic force microscopy investigation of noble gas ion bombardment on InP: effect of ion energy 2019
Demange, D., Billard, M., Lefevre, R. 20Gb/s electroabsorption modulator drivers based on 0.2 μm GaAs PHEMT 58313
Demange, M. *see* Paschos, V.T. 52459
Demangeot, F. *see* Briot, O. 54092
Demant, R. *see* Capellmann, C. 6299
Demantke, J. *see* Huish, P. 26389
DeMarchi, A. *see* Ekstrom, C.R. 48317
DeMarco, C. *see* Manson, S. 19089
DeMarco, C.L., Sariashkar, J.V., Alvarado, F. The potential for malicious control in a competitive power systems environment 8775
DeMarco, J. *see* Cirelli, R.A. 32279
DeMarco, J.J., Smathers, J.B., Solberg, T.D., Casselman, S. Application of FPGA technology to performance limitations in radiation therapy 49759
DeMarco, J.J. *see* Hansen, P.B. 26879
DeMarco, L. *see* Mawst, L.J. 44565
Demarco, R. *see* Harriott, L.R. 42874
DeMarco, W.T. *see* Banks, D.R. 20893

Demarest, K. *see* Xiaojun Fang 44177
Demarez, V. *see* Pinel, V. 8538
DeMaria, A.J. *see* Roychoudhuri, C. 165
DeMaris, D. Computing shape similarity with chaotic reaction diffusion spectra 57206
Demarne, V. *see* Rosenfeld, D. 48712
DeMars, S.D., Dzurko, K.M., Lang, R.J., Welch, D.F., Scifres, D.R., Hardy, A. Angled-grating distributed feedback laser with 1 W cw single-mode diffraction-limited output at 980 nm 3844
Demartini, C. *see* Cena, G. 5884
Demartini, G., Granelli, G.P., Marannino, P., Montagna, M., Ricci, M. Co-ordinated economic and advance dispatch procedures 19528
DeMarzo, A.P., Lang, R.M. A new algorithm for improved detection of aortic valve opening by impedance cardiography 49609
DeMasi, W. *see* Minestrini, M. 37114
Demassieux, N. *see* Boutillon, E. 4544
Demassieux, N. *see* Ehrlich, J. 17225
Demassieux, N. *see* Nemouchi, Y. 5549
Dematteis, R. *see* Mangum, B.W. 27206
Dembeck, L. *see* Bunse, S. 16122
Dembeck, L. *see* Jourdan, A. 26441
Dembeck, L. *see* Lach, E. 16732
Dembele, D., Favier, G. A new FIR system identification method based on fourth-order cumulants: application to blind equalization 14770
Dembinski, P.D. *see* Courtiat, J.-P. 5851
Demchenko, D.A. *see* Savin, D.P. 1977
Demchenko, M.Yu. *see* Ermak, G.P. 58972
Demchenko, Yu.V., Petrenko, A.I. Development of instructional methodology for teaching computer networking and information resource management technologies in Kiev Polytechnic Institute 105
Demchenkov, O.V. *see* Morozov, I.A. 424
Demchuk, K.M. *see* Neifeld, E.A. 22229
Demchuk, K.M. *see* Neifel'd, E.A. 54060
Demczyk, B.G. *see* Davis, A. 22607
Deme, S. *see* Apathy, I. 8200
Demean, N.A. A new method and device for temperature measurement using one-dimensional heat equation 7669
Demeester, P. *see* Berger, M. 58369
Demeester, P. *see* Blondelle, J. 33311
Demeester, P. *see* de Neve, H. 33295
Demeester, P. *see* D'Hondt, M. 40486
Demeester, P. *see* O'Donnell, K.P. 44223
Demeester, P. *see* Van der Stricht, W. 21276
Demeester, P. *see* Van der Stricht, W. 40453
Demeester, P. *see* Vanderbauwhede, W. 52662
Demeester, P. *see* Vreeburg, C.G.M. 26871
Demeester, P. *see* Wauters, N. 26761
Demeester, P. *see* Wauters, N. 26863
Demeester, P. *see* Zhang, X. 40327
Demel, J.T. *see* Fromm, E. 20606
Demenicis, L., Gomes, A.S.L., Petrov, D.V., de Araujo, C.B., de Melo, C.P., dos Santos, C.G., Souto-Maior, R. Saturation effects in the nonlinear-optical susceptibility of poly(3-hexadecylthiophene) 55847
Demenko, A., Nowak, L. Finite element analysis of saturation effects in a squirrel cage electrical machine 29300
Dement'ev, A., Girdauskas, V., Rodin, A. Generation of picosecond Raman solitons from quantum noise in forward SRS 33624
Dementiev, A. *see* Buzelis, R. 3770
Dementyev, D.V., Grigorjev, M.P., Igarashi, Y., Ikeda, T., Imazato, J., Ivashkin, A.P., Khabibullin, M.M., Kudenko, Yu.G., Kuno, Y., Mineev, O.V., Shimizu, S., Watanabe, A., Yokoi, T. CsI(Tl) calorimeter with photodiode readout to search for T-violation in $K_{\mu 3}$ decay 37249
Demerdash, N.A. *see* Deng, E. 29281
Demerdash, N.A.O. *see* Arkadan, A.A. 51678
Demers, Y. *see* Jacquet, P. 36872
Demeter, E. *see* Cistelecan, M. 9214
Demeter, E. *see* Eastham, J.F. 51034
Demeter, E. *see* Ionel, D.M. 9259
Demeulenaere, B., Dhoedt, B., Goeman, S., Baets, R. Accurate three-dimensional modeling of transverse mode threshold gain in vertical cavity surface emitting lasers 33552
Demeulenaere, B. *see* Haes, J. 23535
Demeulenaere, B. *see* Haes, J. 55251
Demeure, R. *see* Thiran, J.-P. 59514
Demeus, L. *see* Dessard, V. 11573
Demi, M. *see* Paterni, M. 49441
Demianiuk, M. *see* Nguyen The Khoi 12433
DeMichele, G.A. *see* Troyk, P.R. 18532
Demidenko, S., Piuri, V. On-line testing in digital neural networks 53481
Demidov, E.B. Influence of the X-valley on the tunneling and lifetime of electrons in GaAs/AlAs heterostructures 54176
Demidov, E.V. *see* Romanov, Yu.A. 54175
Demidov, N.A., Logachev, V.A., Chernov, G.M. Improvement of a digital automatic cavity tuning system in the active hydrogen maser CH1-75 27277
Demidov, V.P. *see* Kismereshkin, V.P. 4372
Demidovich, A.A. *see* Kuzmin, A.N. 13815
Demierre, P. *see* Beringer, J. 37394
Demierre, P. *see* DeWitt, J. 59243
Demierre, P. *see* Sadrozinski, H.F.W. 37399
Demigny, D., Karabernou, M. An effective resolution definition or how to choose an edge detector, its scale parameter and the threshold? 56994
D'Emilia, G. A linear, low cost and versatile FM demodulator [and fibre optic vibrometer application] 11239
D'Emilia, G. Improving the signal to noise ratio of a fiber optic laser Doppler vibrometer 36639
D'Emilia, G., Iaconis, F., Nino, E. Bragg cell and rotating grating frequency shifting in laser vibrometer: a metrological and operating comparison 59030
Demin, I.Yu. *see* Kameyama, K. 7867
Demin Tu *see* Yongchang Zhu 54893
Deming, R.M., Devaney, A.J. Diffraction tomography for multi-monostatic ground penetrating radar imaging 36211
Deming Li *see* Li Deming
Deming Wang *see* Wang Deming
Deming Wu *see* Wu Deming
Deming Xu *see* Xu Deming
Deming Zhu *see* Zhu Deming
Demir, A. *see* Behjat, A. 23738
Demir, A. *see* MacPhee, A.G. 13967
Demir, A. *see* Vassiliou, I. 11115
Demir, D. *see* Atmaca, H. 57469
Demir, S.S., Clark, J.W., Jr., Giles, W.R. Phase sensitivity and entrainment studies in a cardiac pacemaker cell 49722
Demir, Y., Poyraz, M., Koksal, M. Derivation of state and output equations for systems containing switches and a novel definition of a switch using the bond graph model 31558
Demiralp, M. *see* Taseli, H. 30649
Demirci, R. *see* Basak, A. 19765
Demiroren, A. A self-tuning control scheme for multimachine power system 8801
Demirtjis, A., Petr, D.W. How to encourage cheating with virtual path policing in ATM networks 47195
Demizu, Y. *see* Yamaguchi, T. 10869
Demko, E. The 21-st century needs a real-time reliability meter (RTRM) 60169
Demkowicz, L. *see* Yao-Chang Chang 58497
Demm, E. *see* Lipp, S. 21350
Demm, E. *see* Lipp, S. 22583
Demma, F. *see* Currie, N. 56648
Demma, F.J. *see* Currie, N.C. 18978
Demmel, F., Wille, R. VHF-UHF Direction Finder DDF190: digital direction finding from 20 to 3000 MHz to ITU guidelines 7015
Demmel, F. *see* Gottlob, C. 47548
Demmeler, A.R. *see* Loechel, B. 23052
Demmeler, R. *see* Reimer, K. 23021
Demmerle, F. *see* Zwick, T. 34085
Demmin, J. nCHIP's silicon circuit board technology 53874
Demmin, J.C. Ultrasonic bonding tools for fine pitch, high reliability interconnect 1853
Demming, F. *see* Dickmann, K. 24308
Demming, F. *see* Jersch, J. 32306
Demmou, H. *see* Ereau, J.-F. 39923
DeMoerloose, J. *see* Okoniewski, M. 24544
Demokan, M.S. *see* Wai Sing Man 16786
Demokan, O. *see* Jaber, I. 3908
Demol, T., Blanquet, P., Delebarre, C., Kaczmarek, H. Comparison between flat multi-element array device and oblique incidence transducers for Lamb waves generation. Application for embeddment in composite material 13379
Demol, T. *see* Bourssseau, S. 10970
Demoli, N., Gruber, H., Dahms, U., Wernicke, G. Characterization of the cuneiform signs by the use of a multifunctional optoelectronic device 4987
Demoli, N. *see* Dahms, U. 55325
Demoli, N. *see* Wernicke, G. 33744
Demolliens, O. *see* Passernard, G. 40693
Demolliens, O. *see* Tardif, F. 42601
DeMoor, R. Achieving reduced EMI using microcontrollers with PLL oscillators 45231
DeMora, J.M. *see* Miley, G.H. 22138
DeMoranville, K. *see* Yu, D. 55097
Demos, S.G., Alfano, R.R. Ice detection on metal surfaces using the degree of polarisation of diffusely reflected light [aircraft wings] 18598
Demos, S.G., Alfano, R.R. Optical fingerprinting using polarisation contrast improvement 46431
Demos, S.G. *see* Calistru, D.M. 23853
DeMoss, T.B. Deregulation can play savior or spoiler for clean coal progress [IGCC] 50800
Demosthenous, A., Taylor, J., Smedley, S. A high-speed scalable CMOS current-mode winner-take-all network 11629
Demot, R., Olson, G.L. Developing an effective gen-set maintenance program 50804
Demounem, L., Jansson, R. TINA reference points 47276
Dempsey, B.J., Yangkun Zhang Destination buffering for low-bandwidth audio transmissions using redundancy-based error control 57821
Dempsey, D., White, H.B. Winds wreak havoc on lines 38392
Dempsey, N.M., Wendhausen, P.A.P., Gebel, B., Mueller, K.-H., Coey, J.M.D. Improvement of the magnetic properties of HDDR $Sm_2Fe_{17}N_3$ 3137
Dempsey, R.C. *see* Turk, K.W. 56228
Dempsey, T., Langford, C., Martin, R., McChesney, J. Evaluation of adaptive power control algorithms for a hierarchical packet radio network 60144
Dempsey, T.P., Brooker, M.C. An SPW computer simulation analysis of an RF signal detection system 58097
Dempster, A.G., Macleod, M.D. Variable word-lengths in filters with least-squares error criterion 31379
Dempster, R.J., Blackman, S.S., Nichols, T.S. Combining IMM filtering and MHT data association for multitarget tracking 48048
Demsar, F. *see* Trobec, R. 7860
Demske, D. Dense semiconductor-insulator nanocomposites for navy thermoelectric applications 32043
Demski, W., Szymanski, G. Comparison of the force computation using the vector and scalar potential for 3D 44925
DeMunter, D. *see* Bell, T.E. 23032
Demurtas, G. *see* Atzeni, C. 48734
DeMuth, B.T. *see* Bennett, D.J. 1882
Demuth, D.M. *see* Allison, W.W.M. 37269
Demuth, G. *see* Courtney, C. 4297
Demuth, R.P. *see* Moehring, M.A. 28193
Demuth, V. *see* Dorsch, W. 10912
Demuth, V. *see* Lahnor, P. 48508
Demuth, V. *see* Lyakas, M. 42061
Demyanenko, M.A., Ovsyuk, V.N., Shashkin, V.V., Toropov, A.I. Photoelectric memory in GaAs-AlGaAs quantum well infrared photodetectors 17372
Dem'yanov, A.V. *see* Borisov, V.M. 44334
Demyanov, S.E., Khazov, V.N., Mastrukov, I.A., Tkach, Yu.V., Zakatov, S.P. Physical engineering problems of hyperconducting transformer construction [for space vehicle application] 49942
Den, S., Kuno, T., Ito, M., Hori, M., Goto, T., Hayashi, Y., Sakamoto, Y. Diagnostics of fluorocarbon radicals in a large-area permanent magnet electron cyclotron resonance etching plasma 32177
den Berg, A.Van *see* Van den Berg, A.
den Berg, H.A.M.Van *see* Van den Berg, H.A.M.
den Berg, J.A.Van *see* Van den Berg, J.A.
den Berg, J.H.van *see* van den Berg, J.H.
den Berg, J.van *see* van den Berg, J.
den Berg, M.P.van *see* van den Berg, M.P.
den Berg, P.M.van *see* van den Berg, P.M.
den Bergh, H.E.van *see* van den Bergh, H.E.
Den Boer, W. *see* Je-Hsiung Lan 54412
den Bogaart, F.L.M.Van *see* Van den Bogaart, F.L.M.
den Bogaert, N.Van *see* Van den Bogaert, N.
den Bogert, A.J.van *see* van den Bogert, A.J.
Den Bosch, A.Van *see* Van Den Bosch, A.
den Bosch, P.J.Van *see* Van den Bosch, P.J.
den Bosch, P.P.J.van *see* van den Bosch, P.P.J.
den Bossche, A.P.van *see* van den Bossche, A.P.
den Bossche, J.Van *see* Van den Bossche, J.
den Brand, J.F.J.van *see* van den Brand, J.F.J.
den Branden Lambrecht, C.J.van *see* van den Branden Lambrecht, C.J.
den Brandt, B.Van *see* Van den Brandt, B.
den Brink, A.van *see* van den Brink, A.
den Brink, M.Van *see* Van den Brink, M.
den Brink, R.F.M.van *see* van den Brink, R.F.M.
den Brinler, A.C. The generalized sliding-window spectrum 45768
den Broeck, T.Van *see* Van den Broeck, T.
den Dekker, A.J. Model-based optical two-point resolution 25446
Den Durpel, L.Van *see* Van Den Durpel, L.
den Enden, G.van *see* van den Enden, G.
Den Hartog, D.J., Holly, D.J. A simple, low-cost, versatile charge-coupled device spectrometer for plasma spectroscopy 36667
den Hartog, S.G., Kapteyn, C.M.A., van Wees, B.J., Klapwijk, T.M., Borghs, G. Transport in multiterminal normal-superconductor devices: reciprocity relations, negative and nonlocal resistances, and reentrance of the proximity effect 13504
den Heijer, P. *see* Dijk, W.A. 49838
Den Heuvel, F.Van *see* Van Den Heuvel, F.
den Heuvel, K.van *see* van den Heuvel, K.
den Homberg, M.J.C.van *see* van den Homberg, M.J.C.
den Hove, L.Van *see* Van den Hove, L.
den Hoven, G.N.van *see* van den Hoven, G.N.
den Os, E. *see* Boves, L. 45682
den Os, E. *see* Potjer, J. 46970
den Ouden, F.van *see* van den Ouden, F.
den Torren, L.Van *see* Van den Torren, L.
Den Yangjian *see* Yangjian Den
DeNamur, M. Protocol for commercial building automation systems 26228
Denanot, M.F. *see* Rahmoune, M. 32062
DeNardo, D.A. *see* Sui Shen 37907
DeNardo, G.L. *see* Sui Shen 37907
DeNardo, S.J. *see* Sui Shen 37907
Denat, A., Bonifaci, N. Spectral analysis of the light emitted by streamers in hydrocarbon liquids 23133
Denat, A. *see* Brouche, M. 41726
Denat, A. *see* Jomni, F. 23134
Denat, A. *see* Nur, M. 23156
Denbaars, S. *see* Babic, D.I. 24003
DenBaars, S. *see* Reese, C. 33243
DenBaars, S. *see* Underwood, R.D. 1912
DenBaars, S.P. *see* Brazel, E.G. 22255
DenBaars, S.P. *see* Gaffney, M. 10777
DenBaars, S.P. *see* Hsueh, G.C. 768
Denbaars, S.P. *see* Kapolnek, D. 40452
DenBaars, S.P. *see* Keller, S. 40454
DenBaars, S.P. *see* Look, D.C. 54085
Denbaars, S.P. *see* Nguyen, N.X. 31494

DenBaars, S.P. *see* Reaves, C.M. 12432
DenBaars, S.P. *see* Shmagin, I.K. 33477
Denbaars, S.P. *see* Sink, R.K. 24006
DenBaars, S.P. *see* Sun, C.-K. 41983
Denbaars, S.P. *see* Underwood, R.D. 31692
DenBaars, S.P. *see* Wu, X.H. 31803
DenBaars, S.P. *see* Wu, Y.-F. 2724
Denbaars, S.P. *see* Wu, Y.-F. 32074
DenBaars, S.P. *see* Yu, D.G. 41936
DenBaars, S.P. *see* Yu-Heng Jan 6842
Denbnovetskii, S.V. *see* Salin, V.I. 48505
Denbnovetsky, S.V., Felba, J., Melnik, V.I., Melnik, I.V. Model of beam formation in a glow discharge electron gun with a cold cathode 41764
Denbo, D.W. *see* Soreide, N.N. 50114
Dencher, P.R. *see* Du, J. 38133
Dendal, D. *see* Barbier, C. 27022
Denecker, K., Van Assche, S., Philips, W., Lemahieu, I. Comparison of lossless coding techniques for screened continuous-tone images 15603
Denegri, D. The CMS detector and physics at the LHC 18116
Denegri, G.B. *see* Bottino, M.P. 61161
Denegri, G.B. *see* Delfino, B. 8727
Denegri, G.B. *see* Mpanda-Mabwe, B. 50513
Denenberg, D. *see* Kheraj, N.S. 17676
Denes, G. *see* Tilquin, J.Y. 20003
Denes, L.J., Kaminsky, B., Gottlieb, M., Metes, P., Simizu, S., Obermyer, R.T., Thong, C.J., Uschak, M.J., Sankar, S.G. Image processing using acousto-optical tunable filtering 55341
Denes, P. *see* Alexeev, G. 59200
Denesuk, M., Cronin, J.P., Kennedy, S.R., Uhlmann, D.R. Step-current analysis of the built-in potential of tungsten oxide-based electrochromic devices and the effects of spontaneous hydrogen deintercalation 55300
Deng, B.H. *see* Hsia, R.P. 36865
Deng, C. *see* Chien, C. 26232
Deng, E., Demerdash, N.A. CFE-SS approach for salient-pole synchronous generators under unbalances 29281
Deng, F., Johnson, R.A., Dubbelday, W.B., Garcia, G.A., Asbeck, P.M., Lau, S.S. Deep salicidation using nickel for suppressing the floating body effect in partially depleted SOI-MOSFET 13004
Deng, F. *see* Adams, D. 42715
Deng, F. *see* Guan, Z.F. 22436
Deng, F. *see* Laursen, T. 42619
Deng, F. *see* Morton, R. 12442
Deng, G. *see* He, W. 15433
Deng, H., Deng, Q., Deppe, D.G. Native-oxide laterally confined whispering-gallery mode laser with vertical emission 3878
Deng, H., Deng, Q., Deppe, D.G. Very small oxide-confined vertical-cavity surface-emitting lasers with a bulk active region 33498
Deng, H., Hackam, R. Impact of weather conditions and formulations on LMW silicone fluid content in RTV silicone rubber coatings 32734
Deng, H., Hackam, R. Electrical salt-fog performance of XLPE insulation with different levels of $CaCO_3$ 32745
Deng, H. *see* Deng, Q. 55701
Deng, H. *see* Huffaker, D.L. 14097
Deng, J.Q. *see* Mileti, G. 27323
Deng, L., Rathinavelu, C. Construction of state-dependent dynamic parameters using the maximum likelihood approach: applications to speech recognition 24848
Deng, L. *see* Rathinavelu, C. 15114
Deng, L. *see* Shen, X. 45873
Deng, L. *see* Shen, X.-M. 45956
Deng, Q., Deng, H., Deppe, D.G. Radiation fields from whispering-gallery modes of oxide-confined vertical-cavity surface-emitting lasers 55701
Deng, Q. *see* Deng, H. 3878
Deng, Q. *see* Deng, H. 33498
Deng, Q. *see* Huffaker, D.L. 14097
Deng, R.H., Gong, L., Lazar, A.A., Wang, W. Practical protocols for certified electronic mail 6017
Deng, T.-B. Decomposition-based design of linear phase 3D digital filters 1613
Deng, T.Q., Leong, M.S., Keol, P.S., Yeo, T.S. Synthesis formulas simplify coplanar-waveguide design 53539
Deng, T.Q., Leong, M.S., Kooi, P.S., Yeo, T.S. Synthesis formulas for coplanar lines in hybrid and monolithic MICs 11717
Deng, W. *see* Yang, D. 13244
Deng, X. *see* Izu, M. 39180
Deng, X. *see* Jiang, L. 9555
Deng, X.-M. *see* Hegedus, S.S. 39131
Deng, Y. *see* Leng, J.S. 40695
Deng, Y. *see* Zhu, W. 49548
Deng An-Chang *see* An-Chang Deng
Deng Baoqing *see* Lu Wancheng 50736
Deng Cheri *see* Cheri Deng
Deng Daochun *see* Xu Zuyan 4073
Deng Daoqun *see* Zhang Yufei 24238
Deng Daoqun *see* Zhang Yufei 33712
Deng Daoqun *see* Daoqun Deng
Deng Fei *see* Fei Deng
Deng Guang *see* Guang Deng
Deng Hong *see* Hong Deng
Deng Hui *see* Hui Deng
Deng Jing *see* Jing Deng
Deng Jinjun *see* Yuan Shuangqing 27158
Deng Jixaing, Liu Jun, Li Peigang, Wang Hongze A fast algorithm for transient stability assessment of power systems taking account of reclosers 50314
Deng Junhong *see* Vilathgamuwa, M. 53012
Deng Jyh-Yuan *see* Jyh-Yuan Deng
Deng Li *see* Li Deng
Deng Lian Ping High resolution radar target structure description using modified Prony model 6883
Deng Nianmao *see* Li Qinghui 18899
Deng Peizhen *see* Peizhen Deng
Deng Shaofan *see* Wu Qun 6691
Deng Shu-Hui *see* Shu-Hui Deng
Deng Shuang *see* Shuang Deng
Deng Shuhui *see* Yin Hongcheng 16850
Deng Sien *see* Sien Deng
Deng Tian-Bo *see* Tian-Bo Deng
Deng Wanhong *see* Wanhong Deng
Deng Wenrong *see* Yang Wenku 17448
Deng Wenyong *see* Wenyong Deng
Deng Xiancan *see* Luo Jianjun 53146
Deng Xiaojun *see* Xiaojun Deng
Deng Xiaotao *see* Fan Jiangshui 48547
Deng Ximin *see* Wang Jing 774
Deng Ximing, Guo Hong, Cao Qing Paraxial Riemannian geometrical optics IV. Two kinds of beam quality factors 4271
Deng Ximing *see* Hua Renzhong 3961
Deng Ximing *see* Hua Renzhong 3964
Deng Ximing *see* Xu Faming 24055
Deng Ximing *see* Xu Faming 33132
Deng Ximing *see* Ximing Deng
Deng Yanping, Li Jiegu Existence and uniqueness in shape from shading 35049
Deng Yanping, Li Jiegu, Lin Shenji Shape from shading as fully well-constrained problem 5498
Deng Yingyu *see* Yingyu Deng
Deng Yuankai *see* Zhou Huaichun 50771
Deng Yuanyong *see* Yuanyong Deng
Deng Zhen-Bo *see* Chen Li-Chun 55454
Deng Zhiang *see* Zhiang Deng
Deng Zili, Zhang Huanshui Local asymptotic stability and optimality of Kalman filtering 34711
Deng Zili *see* Zhang Huanshui 24884
Deng-Ke Yang *see* Ming Xu 33145
Deng-Yuan Chen Design of a mixed 3.3 V and 5 V PCI I/O buffer 53383
Dengan Wang *see* Wang Dengan
Dengguo Feng *see* Feng Dengguo
Dengguo Zhang *see* Zhang Dengguo
Dengiz, B., Altiparmak, F., Smith, A.E. Efficient optimization of all-terminal reliable networks, using an evolutionary approach 57803
Denham, H., George, G., Rintoul, L., Calvert, P. Fabrication of polymers and composites containing embedded sensors 10985
Denham, M.J. *see* McCabe, S.L. 56384
Denholm, S. *see* Qin, S. 2324
Deniau, J.M. *see* Roesch, S. 28247
Denig, A. *see* Andryakov, A. 37226
Denis, R.St *see* St Denis, R.
Denisenko, A., Fahrner, W.R., Strahle, U., Henschel, H., Job, R. Radiation response of p-i-p diodes on diamond substrates of various type: electrical properties of semiconductor-insulator homojunctions 22760
Denisenko, A.V. *see* Job, R. 42915
Denisenko, V.L. The anisotropy of the in-plane dispersion relations of the hole subbands of GaAs-GaAlAs quantum well 54216
Denisov, A.G. *see* Belikov, S.V. 28029
Denisov, A.G. *see* Lee, S.Y. 32964
Denisov, D.V. *see* Berman, L.S. 12587
Denisov, L.K., Kytina, I.G., Kytin, V.G., Tsogoeva, S.A., Saprykin, L.G., Konstantinov, B.A. Service life of dye-impregnated polymer active laser elements at various energy densities and pump powers 44373
Denisov, V.A. *see* Baranenko, V.I. 38490
Denisov, V.P., Egorov, N.V., Prudnikov, A.P. Investigation of the excitation of ion beams in the explosive mode emission of semiconductors 28012
Denisov, Yu.A. *see* Voitsekhovskii, A.V. 36563
Denisova, O.E. *see* Azhari, H. 37625
Denissenko, S. *see* Bigler, E. 55012
Denissov, V.P. *see* Antonova, L.I. 41756
Denisyuk, Y.N., Ganzherli, N.M., Maurer, I.A. Thick-layered light-sensitive dichromated gelatin for 3D hologram recording 24276
Denisyuk, Yu.N., Ganzherli, N.M., Savost'yanenko, N.A. Production of three-dimensional images by using a selectogram recorded in a thick-layer photosensitive medium 4125
Deniz, A.V. *see* Lehecka, T. 23734
Denk, T.C., Majumdar, M., Parhi, K.K. Two-dimensional retiming with low memory requirements 25218
Denk, T.C., Parhi, K.K. A unified framework for characterizing retiming and scheduling solutions 11052
Denk, T.C., Parhi, K.K. VLSI architectures for lattice structure based orthonormal discrete wavelet transforms 31281
Denk, V. *see* Enders, T. 34753
Denker, J.S. *see* Kramer, A. 21612
Denkmayr, K., Weiss, P., Aigner, H., Szinyur, J. Prediction of electrode life for spot welding prephosphated galvanized sheets 61369
Denley, B. *see* Reine, M.B. 50042
Denman, C.A. *see* Murdough, M.P. 3740
Denman, M., Halliwell, N., Rothberg, S. Speckle noise reduction in laser vibrometry: experimental and numerical optimisation 59024
Dennard, R. *see* Assaderaghi, F. 2839
Dennard, R. *see* Assaderaghi, F. 13001
Dennard, R. *see* Wann, C. 43099
Dennard, R.H. *see* Deutsch, A. 43289
Dennard, R.H. *see* Mandelman, J.A. 21662
Dennard, R.H. *see* Williams, T.W. 32550
Denney, D. Considerations for qualifying a no clean solder paste 39797
Dennie, J. *see* Hynynen, K. 28423
Denninger, G., Reiser, D. Determination of electric-field gradients in semiconductors with high precision and high sensitivity 41974
Dennis, B.S. *see* Pellegrini, V. 22382
Dennis, B.S. *see* Weldon, M.K. 22553
Dennis, D.A. *see* Hoff, W.A. 28430
Dennis, J.E., Jr., El-Alem, M., Maciel, M.C. A global convergence theory for general trust-region-based algorithms for equality constrained optimization 40114
Dennis, M.L., Duling, I.N., III, Burns, W.K. Sagnac interferometer amplitude modulator 27951
Dennis, P. *see* Vasudevan, N. 49967
Dennis, P.N.J. *see* Glass, A.W. 36687
Dennis, T., Lim Nguyen, Aazhang, B., Young, J.F. Experimental demonstration of bipolar codes for direct detection multi-user optical communication 36151
Dennis, T.J. *see* Papadimitriou, V. 5196
Dennis, W.M. *see* Evans, D.R. 13825
Dennis, W.M. *see* Evans, D.R. 55410
Dennis, W.M. *see* Raukas, M. 13823
Dennison, B.K. *see* Basart, J.P. 36294
Dennison, B.K. *see* Basart, J.P. 36295
Dennison, E. *see* Clark, C. 59883
Dennison, E. *see* Salomon, P. 59884
Dennison, M. *see* Murdocca, M. 3516
Dennison, P. *see* Morris, A. 52110
Denniston, D. *see* Randall, J.N. 23026
Denotkin, V.L. *see* Chelny, A.A. 31997
Denoyer, C. *see* Vernat-Rossi, V. 48708
Densley, J. *see* Boggs, S. 32713
Densley, J. *see* Braun, J.-M. 19337
Densley, J. *see* Eager, G.S. 50590
Densley, J. *see* Faremo, H. 2967
Densley, J. *see* Kabir, F. 19354
Densley, J. *see* Lopez-Roldan, J. 43527
Densley, R.J. *see* Bartnikas, R. 8901
Densmore, A., Guler, M. An aeronautical-mobile 20/30 GHz satellite-tracking antenna for high data rate satcom 36020
Dent, A.J. *see* Sapelkin, A.V. 22274
Dent, A.J. *see* Sapelkin, A.V. 42005
Dentai, A. *see* Giles, C.R. 58378
Dentai, A.G., Burrows, E.C., Giles, C.R., Burrus, C.A., Centanni, J.C. High-voltage (2.1 V) integrated InGaAs photogenerator 55424
Dentai, A.G. *see* Garrett, L.D. 16701
Dentai, A.G. *see* Garrett, L.D. 26872
Dentai, A.G. *see* Garrett, L.D. 55474
Dentan, V., Robin, P., Soyer, F., Le Barny, P., Huignard, J.-P. Broadband visible reverse saturable absorption in metallo-phthalocyanines 3326
Dentan, V. *see* La Barny, P. 24233
Dente, G.C. *see* Gallant, D.J. 33540
Dente, G.C. *see* Wright, M.W. 44435
Denteneer, D. *see* Sinha, A. 46877
Denti, P. *see* Fucile, E. 56028
Dentinger, P.M., Nelson, C.M., Rhyner, S.J., Taylor, J.W., Fedynyshyn, T.H., Cronin, M.F. Resist application effects on chemically amplified resist response 32281
Denton, D. *see* Alexander, B.B. 20518
Denton, D., Hesketh, P.J., Hughes, H. *(editors)* Proceedings of the Second International Symposium on Microstructures and Microfabricated Systems 9841
Denton, D.D. *see* Beebe, D.J. 18210
Denton, D.D. *see* Feinerman, A.D. 12847
Denton, D.D. *see* Ghodssi, R. 23064
Denton, D.D. *see* Ralston, A.R.K. 17342
Denton, G.J. *see* Friend, R.H. 23669
Denton, G.J. *see* Friend, R.H. 44224
Denton, J.P. *see* Chang, J.C. 22811
Denton, J.P. *see* I-Ming Lee 52610
Denton, J.P. *see* Wei-Chung Wang 40427
Denuit, R.V. *see* Cherukuri, N. 1863
Denyer, P., Brouwers, J. Java™ in electronic design automation 40796
Denz, C. *see* Honda, T. 14368
Denzier, V. Broadband communication via satellite 16636
Denzler, J., Schless, V., Paulus, D., Niemann, H. Statistical approach to classification of flow patterns for motion detection 56785
Deodhar, R.P., Andersson, S., Boldea, I., Miller, T.J.E. The flux-reversal machine: a new brushless doubly-salient permanent-magnet machine 29248
Deodhar, R.P., Staton, D.A., Miller, T.J.E. Modeling of skew using the flux-MMF diagram [of PM machines] 29210
Deog-Kyoon Jeong *see* Sungjoon Kim 2820
Deogun, J.S. *see* Bhuyan, J.N. 30519
Deok Jang Yong *see* Yong Deok Jang
Deok Noh Yong *see* Yong Deok Noh
Deok Rak Bae *see* Ju Pil Kim 10295

Deok-Hyung Lee, Byungwoo Park Narrow temperature window for optimum elastic modulus in ion-beam-modified amorphous carbon 12639
Deok-Jung Kim *see* Nung-Pyo Hong 43445
Deok-Ki Choi *see* Tae-Yong Kim 34847
Deokjai Choi *see* Tang, A. 35616
Deokjung Kim *see* Yongho Kim 29153
Deora, S.K., McEliece, R.J. Asymptotic performance analysis of timid DCA algorithm 36034
Deoraj, B.M. *see* Dhariwal, S.R. 54032
Deordiev, G.I. *see* Shakshin, N.I. 40724
DePablo, J. *see* Ocola, L.E. 22721
Depalle, P. *see* Gribonval, R. 36354
Deparis, C. *see* Monier, C. 12404
Deparis, J.-P. *see* Khoudour, L. 25564
Deparis, J.-P. *see* Khoudour, L. 57493
Deparis, J.P., Khoudour, L., Meunier, B., Duvieubourg, L. A device for counting passengers making use of two active linear cameras: comparison of algorithms 25504
Deparis, O., Megret, P., Decreton, M., Blondel, M. Gamma radiation tests of potential optical fiber candidates for fibroscopy 27639
Deparis, O., Megret, P., Decreton, M., Blondel, M. 660 and 760 nm bands evidenced in a low-OH low-Cl fibre by Gaussian deconvolution of radiation-induced loss spectra 43959
Depasse, P. *see* Alexeev, G. 59200
Depasse, P. *see* Auffray, E. 37281
Depenbrock, M. *see* Cristaldi, L. 28754
Depero, L.E., Ferroni, M., Guidi, V., Marca, G., Martinelli, G., Nelli, P., Sangaletti, L., Sberveglieri, G. Preparation and micro-structural characterization of nanosized thin film of TiO_2-WO_3 as a novel material with high sensitivity towards NO_2 30906
Depero, L.E. *see* Ferroni, M. 52829
Depero, L.E. *see* Parmigiani, F. 2961
Depersia, A.T. *see* Rauss, P.J. 57377
Depeursinge, Y. *see* Van Uffelen, M. 58780
Depew, M.C. *see* Wan, J.K.S. 36779
DePiero, F.W., Trivedi, M.M. Real-time range image segmentation using adaptive kernels and Kalman filtering 5625
Depine, R.A. *see* Lester, M. 4268
DePinto, G. Managing factory risk to improve customer satisfaction 39723
DePlasco, M.A., Durham, B. Future air traffic control tracking technologies' impact on operational procedures 49959
Depoisot, H. *see* Belkacem-Boussaid, K. 56995
Depollier, C. *see* Poisson, F. 34961
Depollier, C. *see* Simon, L. 34919
Depollier, C. *see* Valeau, V. 48924
DePoy, D.M. *see* Charache, G.W. 38994
Deppe, D.G., Huffaker, D.L. High spatial coherence vertical-cavity surface-emitting laser using a long monolithic cavity 33506
Deppe, D.G. *see* Deng, H. 3878
Deppe, D.G. *see* Deng, H. 33498
Deppe, D.G. *see* Deng, Q. 55701
Deppe, D.G. *see* Huffaker, D.L. 2416
Deppe, D.G. *see* Huffaker, D.L. 3900
Deppe, D.G. *see* Huffaker, D.L. 14097
Deppe, D.G. *see* Huffaker, D.L. 44541
Deppe, D.G. *see* Oh, T.-H. 3881
Deppe, G. *see* Shu, Q.S. 49022
Deppe, J. *see* Altosaar, M. 39092
Deppe, M. *see* Altosaar, M. 39092
Deppert, K., Bovin, J.-O., Malm, J.-O., Samuelson, L. A new method to fabricate size-selected compound semiconductor nanocrystals: aerotaxy 12241
Deppert, K. *see* Anand, S. 54246
Deppisch, B. *see* Ambrosy, A. 26745
Deppman, A., Arruda-Neto, J.D.T., Tavares, M.V. A new and simple method to unfold electroexcitation cross sections at intermediate energies 37528
Deppman, A. *see* Rossi, P. 18092
Depret, D. *see* Breaban, F. 7327
Deprettere, E. *see* Bierens, L. 27074
Deprettere, E. *see* Moonen, M. 15327
Deprettere, E. *see* Yi Yu 1105
Deprettere, E. *see* Yu, Y. 25270
Deprettere, E.F. *see* Hekstra, G.J. 25269
Deprettere, E.F. *see* Hekstra, G.J. 31291
Deprettere, E.F. *see* Lemma, A.N. 25175
Deprettere, E.F. *see* Vanpoucke, F.J. 30615
Deprettere, E.F. *see* Zheng, Z. 36450
Deprettere, E.F. *see* Zhiqiang Zeng 56810
DePuy, G. *see* Ammons, J.C. 52170
Der, L. *see* Shih, T. 21836
Der, L. *see* Wing-Hung Ki 21502
Der, S.Z., Chellappa, R. Probe-based automatic target recognition in infrared imagery 25632
der Akker, J.M.van *see* van der Akker, J.M.
der Au, J.Aus *see* Aus der Au, J.
der Auweraer, H.Van *see* Van der Auweraer, H.
der Berg, A.C.J.F.van *see* van der Berg, A.C.J.F.
der Berg, N.G.van *see* van der Berg, N.G.
der Broeck, H.van *see* van der Broeck, H.
der Burg, B.van *see* van der Burg, B.
der Burgt, J.van *see* van der Burgt, J.
der Burgt, M.van *see* van der Burgt, M.
der Does, T.van *see* van der Does, T.
der Drift, E.Van *see* Van der Drift, E.
Der Drift, E.W.J.M.Van *see* Van Der Drift, E.W.J.M.
der Emde, M.von *see* von der Emde, M.
Der Feng Guo Characteristics of a triple-well heterostructure-emitter bipolar transistor (TWHEBT) 42942
der Giessen, P.-H.Van *see* Van der Giessen, P.-H.
der Gon, A.W.D.Van *see* Van der Gon, A.W.D.
der Graaf, A.van *see* van der Graaf, A.
der Graaf, M.van *see* van der Graaf, M.
der Graaf, W.A.van *see* van der Graaf, W.A.
der Graaf, Y.van *see* van der Graaf, Y.
der Hagen, T.H.J.J.Van *see* Van der Hagen, T.H.J.J.
der Hart, A.van *see* van der Hart, A.
Der Heide, F.Meyer Auf *see* Meyer Auf Der Heide, F.
der Heiden, K.van *see* van der Heiden, K.
Der Heiden, R.Van *see* Van Der Heiden, R.
Der Heijden, F.Van *see* Van Der Heijden, F.
der Heijden, G.W.A.M.Van *see* Van der Heijden, G.W.A.M.
der Horn, G.van *see* van der Horn, G.
Der Houhanessian, V., Zaengl, W. On-site diagnosis for power transformers: relaxation currents reveal the condition of insulation of high-voltage components and installations 19797
Der Houhanessian, V., Zaengl, W.S. Time domain measurements of dielectric response in oil-paper insulation systems 9311
der Houwen, P.J.van *see* van der Houwen, P.J.
Der Jeng Mu *see* Mu Der Jeng
der Keur, J.M.van *see* van der Keur, J.M.
der Koijk, J.F.Van *see* Van der Koijk, J.F.
der Kooij, M.W.A.Van *see* Van der Kooij, M.W.A.
Der Laan, H.Van *see* Van Der Laan, H.
der Laan, M.D.van *see* van der Laan, M.D.
der Laan, P.C.T.van *see* van der Laan, P.C.T.
Der Lee, A.M.Van *see* Van Der Lee, A.M.
der Lee, M.van *see* van der Lee, M.
der Linden, J.T.van *see* van der Linden, J.T.
der Linden, M.B.Von *see* Von der Linden, M.B.
der Lippe, H.von *see* von der Lippe, H.
der Malsburg, C.von *see* von der Malsburg, C.
der Mark, M.B.van *see* van der Mark, M.B.
der Meer, A.F.G.van *see* van der Meer, A.F.G.
der Meer, J.Van *see* Van der Meer, J.
der Meijs, N.P.van *see* van der Meijs, N.P.
der Meulen, E.C.Van *see* Van der Meulen, E.C.
Der Ming Hsieh, Jun Yi Wang, Andy Ying Guey Fuh Direct observation of the moving liquid/solid interface during nanosecond pulsed laser annealing of silicon 54329
Der Muhll, R.Von *see* Von Der Muhll, R.
der Peet, J.van *see* van der Peet, J.
Der Pers, N.M.Van *see* Van Der Pers, N.M.
der Plaats, C.van *see* van der Plaats, C.
der Plaats, J.C.van *see* van der Plaats, J.C.
der Plas, C.Van *see* Van der Plas, C.
Der Plas, G.Van *see* Van Der Plas, G.
der Ploeg, B.van *see* van der Ploeg, B.
Der Pol, M.Van *see* Van Der Pol, M.
der Pols, E.K.H.van *see* van der Pols, E.K.H.
Der Putt, J.Van *see* Van Der Putt, J.
der Putten, N.van *see* van der Putten, N.
der Schoor, R.van *see* van der Schoor, R.
Der Schoot, H.Van *see* Van Der Schoot, H.
der Sel, C.van *see* van der Sel, C.
der Sluijs, M.J.van *see* van der Sluijs, M.J.
der Sluis, L.van *see* van der Sluis, L.
der Sluis, P.van *see* van der Sluis, P.
der Spiegel, J.Van *see* Van der Spiegel, J.
Der Stam, M.A.J.Van *see* Van Der Stam, M.A.J.
der Steen, A.F.W.van *see* van der Steen, A.F.W.
der Stelt, P.F.van *see* van der Stelt, P.F.
Der Straten, G.Von *see* Von Der Straten, G.
der Stricht, W.Van *see* Van der Stricht, W.
Der Stricht, Y.Van *see* Van Der Stricht, Y.
der Tol, J.J.G.M.Van *see* Van der Tol, J.J.G.M.
der Vaart, N.C.van *see* van der Vaart, N.C.
der Veen, A.-J.van *see* van der Veen, A.-J.
der Veen, A.L.van *see* van der Veen, A.L.
der Veen, J.F.Van *see* Van der Veen, J.F.
der Veer, W.E.van *see* van der Veer, W.E.
der Velde, W.van *see* van der Velde, W.
der Vleuten, W.van *see* van der Vleuten, W.
der Vlist, P.Van *see* Van der Vlist, P.
Der Voort, E.Van *see* Van Der Voort, E.
der Voort, H.T.M.van *see* van der Voort, H.T.M.
der Waaij, B.van *see* van der Waaij, B.
der Waal, R.van *see* van der Waal, R.
der Wage, P.van *see* van der Wage, P.
der Wagt, J.P.van *see* van der Wagt, J.P.
der Wal, P.D.van *see* van der Wal, P.D.
der Weg, W.F.van *see* van der Weg, W.F.
der Weid, J.P.von *see* von der Weid, J.P.
der Weide, D.W.van *see* van der Weide, D.W.
der Wekken, M.van *see* van der Wekken, M.
der Wel, P.J.van *see* van der Wel, P.J.
der Werf, A.van *see* van der Werf, A.
der Werf, C.H.M.van *see* van der Werf, C.H.M.
der Wiele, T.van *see* van der Wiele, T.
der Woerd, A.C.van *see* van der Woerd, A.C.
Der Zanden, K.Van *see* Van Der Zanden, K.
der Ziel, J.P.van *see* van der Ziel, J.P.
der Zijp, J.van *see* van der Zijp, J.
der Zwan, B.A.van *see* van der Zwan, B.A.
der Zwan, E.J.van *see* van der Zwan, E.J.
Der-Cherng Liu *see* Gray Lin 14144
Der-Cherng Liu *see* Shun-Tung Yen 44567
Der-Chin Su *see* Jen-Tsorng Chang 44750
Der-Chin Su *see* Jen-Tsorng Changa 44779
Der-Feng Guo Resonant tunneling characteristics of a delta-doped strained-layer quantum-well switching device (δ-SQSD) 2742
Der-Feng Guo, Chin-Chuan Cheng, Kun-Wei Lin, Wen-Chau Liu, Wei Lin A multiple-negative-differential-resistance switch with double InGaP barriers 13056
Der-Gao Lin *see* Mogul, H.C. 32542
Der-Shen Wan *see* Wei Shen 17840
Der-Wei Tu *see* De Lisio, M.P. 11736
Der-Woei Wu *see* Henderson, G.N. 11693
Der-Yun Shiau *see* Shiau Der-Yun
Deraedt, A. A noise-shaping theorem 24978
D'Erasmo, G. *see* Colonna, N. 37521
Deravi, F. *see* Arof, H. 35154
Deravi, N. *see* Chibelushi, C.C. 57512
Derbala, A.S. *see* Badawi, A.M. 18358
Derbali, M.B. *see* Mimila-Arroyo, J. 52633
Derbel, N. *see* Chtourou, M. 29304
Derbenwick, G.F. *see* Solayappan, N. 52826
Derby, J. *see* Doeringer, W. 35734
Derby, J.J. *see* Kuppurao, S. 41941
Derby, J.J. *see* Xiao Qiang 10662
Derby, S.J. *see* Fidan, I. 22049
Dere, T. *see* Baldwin, T. 60141
Deregel, J. *see* Ball, J. 18071
DeReggi, A.S. *see* Giacometti, J.A. 2882
Deren, P. *see* Kuzmin, A.N. 13815
Derenbach, H. Integrated network management for transport, data and speech networks 57743
Derenchuk, V. *see* Nagaitsev, S.S. 59172
Dereniak, E.L. *see* Barber, H.B. 37663
Dereniak, E.L. *see* Descour, M.R. 15774
Derevyanko, N.A. *see* Bezrodnyi, V.I. 23638
Dergachev, A.Y. *see* Basiev, T.T. 23829
Dergachev, A.Yu. *see* Fleurov, V.B. 24225
Dergachev, A.Yu. *see* Mirov, S.B. 33451
Deri, R.J. *see* De Groot, A.J. 55357
Deri, R.J. *see* Walker, J.D. 47981
Derian, E.J. *see* Guenin, B.M. 10142
Deriche, M. *see* Boland, S. 14825
Deriche, M. *see* Boland, S. 36351
Deriche, M. *see* Ghaemmaghami, S. 4613
Deriche, M. *see* Ghaemmaghami, S. 14902
Deriche, M. *see* Ghaemmaghami, S. 24832
Deriche, R., Bouvin, C., Faugeras, O. A level-set approach for stereo 56889
Deriche, R. *see* Komprobst, P. 56886
Deriche, R. *see* Lucido, L. 36274
Deriche, R. *see* Lucido, L. 48135
Deriche, R. *see* Lucido, L. 58490
Deriche, R. *see* Nielsen, M. 15866
Derieux, A. *see* Guettaf, A. 11383
Derks, M. *see* Kopp, G. 55368
Derks, M.J. *see* Kopp, G.A. 33143
Derksen, A.J. *see* van Enckevort, W.J.P. 10588
Derling, S., Abicht, H.-P. Microwave sintering of $BaTiO_3$-based ceramics 61337
Dermody, P. *see* Woo, D. 45652
Dermott, B.T. *see* Khan, M.A. 13026
Dermott, J.C., DeGruson, J.A., Miller, L.E. Large capacity NiH_2 battery cells for advanced, high-power spacecraft applications 18719
Dernchuk, B.N. *see* Anatychuk, L.I. 39245
Derneryd, A.G. Compensation of mutual coupling effects in array antennas 34411
Derobert, X., Mamouni, A., Leroy, Y. Feasibility of nondestructive testing of concrete by microwave radiometry 36858
Deroin, J.-P., Company, A., Simonin, A. An empirical model for interpreting the relationship between backscattering and arid land surface roughness as seen with the SAR 28602
Derong Pan, Shinohara, S., Ikeda, H., Yoshida, H., Sumi, M. Measurable-range extension of range-finding speedometer using self-mixing laser diode 35076
Derosier, R.M. *see* Garrett, L.D. 26872
Derosier, R.M. *see* Garrett, L.D. 55474
Derosier, R.M. *see* Raybon, G. 26697
Derouet, H., Coste, F., Sabatier, L., Fabbro, R. Real time control of surface treatments with liquid phase (molten depth on-line estimation) 17507
Derouin, E. *see* Salet, P. 23997
Derozier, D. *see* Boulant, G. 55577
Derozier, D. *see* Milovsky, N.D. 13990
Derozier, D. *see* Szwaj, C. 3730
Derr, F. *see* Bischoff, M. 6822
Derr, M., Durand, J., Doherty, M., Hull, R., Rupawalla, M. Applications of Heraclitus in telecommunication information processing 5916
Derr, R., Sligo, J. An extensible architecture for next generation air/ground communications 59983
Derrey, T. *see* Calonnec, P. 61132
Derrick, J., Bowman, H., Steen, M. Maintaining cross viewpoint consistency using Z 6077
Derrick, J. *see* Bowman, H. 6076
d'Errico, F. *see* Luszik-Bhadra, M. 8194
D'Errico, F. *see* Onori, S. 28476
D'Errico, G.E., Chiara, R., Guglielmi, E. PVD coatings of cermet inserts for milling applications 51890
D'Errico, M., Dionisio, C., Moccia, A., Mura, F., Ponte, S. Space constellation of high-resolution SARs for fast global access 48116
Dershan Luo, King, M.A., Tin-Su Pan, Weishi Xia Evaluation of the effects of patient arm attenuation in SPECT cardiac perfusion imaging 28231
Dershem, B.R. *see* Koopmann, G.H. 13345
Derstine, M.W. *see* Chan, K.K. 32996

Deruelle, M. *see* Zazzera, L.A. 23047
Derun, E.N. *see* Vaillancourt, R. 52880
Deruyter, H. *see* Mishin, A.V. 49062
Dervan, P. *see* Abe, K. 59233
Derviaux, C., Coudoux, F.-X., Gazalet, M.G., Corlay, P. Blocking artifact reduction of DCT coded image sequences using a visually adaptive postprocessing 57083
Dervieux, A. *see* Palmerio, B. 30584
Derville, D., Mussig, B. Call centers: a strategic issue for both customers and suppliers 35866
Derwael, C. *see* Zaidi, M. 37818
Dery, J. *see* Arndt, S. 20902
Deryagin, A.G. *see* Sokolovskii, G.S. 44232
Derzakowski, K., Abramowicz, A. Dielectric resonator figure of merit 1698
Derzkii, D. *see* Valkov, S. 54710
Derzko, Z. *see* Benson, J.D. 710
Derzko, Z. *see* Taylor, P.J. 61104
Derzon, M.S. *see* Muron, D.J. 36669
Desachy, J. Numeric and symbolic data fusion: a soft computing approach for remote sensing images analysis 57076
Desachy, J. *see* Bessettes, V. 46387
Desachy, J. *see* Mascarilla, L. 46385
Desachy, J. *see* Saint-Joan, D. 8368
Desai, C.S. *see* Basaran, C. 10106
Desai, D.G. *see* Sabharwal, S.C. 37263
Desai, M. *see* Zhong-Yu Chen 56976
Desai, M.D. *see* Bovik, A.C. 45519
Desai, N. *see* Egolf, T. 31055
Desai, P. *see* Rolston, D.R. 3662
Desai, S.K. *see* Nanda, K. 53175
Desai, U.B. *see* Kumar, K.S. 57000
Desai, U.Y. *see* Mizuki, M.M. 25665
Desai, V.H. *see* Sundaram, K.B. 54427
Desaintfuscien, M. *see* Fermigier, B. 27262
Desaintfuscien, M. *see* Fermigier, B. 27280
Desaintfuscien, M. *see* Fermigier, B. 48325
Desalvo, G. *see* Anholt, R. 42944
DeSalvo, G.C., Bozada, C.A., Ebel, J.L., Look, D.C., Barrette, J.P., Cerny, C.L.A., Dettmer, R.W., Gillespie, J.K., Havasy, C.K., Jenkins, T.J., Nakano, K., Pettiford, C.I., Quach, T.K., Sewell, J.S., Via, G.D. Wet chemical digital etching of GaAs at room temperature 12761
DeSalvo, R. Light detectors for beauty physics 37428
DeSandre, L. *see* MacDonald, B. 8677
Desanti, T. *see* Dang, K. 42448
DeSanti, T. *see* Huber, K. 42658
Desanti, T. *see* Khawaja, Y. 42447
DeSantis, C. *see* Kokas, J. 1809
DeSantis, C.V. *see* Desaulnier, W.E., Jr. 30966
DeSantis, C.V. *see* Desaulnier, W.E., Jr. 30967
DeSantis, J. *see* Brown, K.C. 54824
Desaulnier, W.E., Jr., Binder, M.C., Al-Husseini, J.L. A modification of Engelmaier's equation to account for solder joint bulbousness 30335
Desaulnier, W.E., Jr., DeSantis, C.V., Binder, M.C. A framework for comparing life prediction models for SnPb solder. I. Framework 30966
Desaulnier, W.E., Jr., DeSantis, C.V., Binder, M.C. A framework for comparing life prediction models for SnPb solder. II. Application 30967
Desautels, J.E.L. *see* El-Faramawy, N.M. 18236
Desbouvries, F. Unitary Hessenberg and state-space model based methods for the harmonic retrieval problem 15147
Desbouvries, F. Spherical trigonometry, Yule's PARCOR identity and FLRS algorithms 34719
Desbruslais, S. Inverse scattering transform for soliton transmission analysis 14261
Descalle, M.-A., Laing, T.J., Martin, W.R. PUVA: a Monte Carlo code for intra-articular PUVA treatment of arthritis 8137
Descamps, D. *see* Gamache, C. 33448
Descamps, P., Vindevoghel, J., Bouazza, F. X and K band multi-layer microstrip antennas for short-range radar applications 45433
Descamps, P., Vindevoghel, J., Bouazza, F., Sawsan, S. Microwave Doppler sensors for terrestrial transportation applications 36253
Descamps, X. *see* Nelson, A.D. 7912
Desch, J. *see* Blazek, R. 53861
Deschaux-Beaume, M. *see* Cazaban, F. 27024
Deschler, W., Strauss, G. TV Transmitter Test System TS6140: guarantee of high signal quality in TV transmitter networks 7060
Desclos, L. *see* Madihian, M. 41509
Descloux, L. *see* Rink, K. 4176
Desco, M. *see* del Cerro, F.M. 28297
Descombes, X., Moctezuma, M., Maitre, H., Rudant, J.-P. Coastline detection by by a Markovian segmentation on SAR images 27010
Descombes, X. *see* Morris, R.D. 46488
Descombes, X. *see* Tupin, F. 48076
Descombes, X. *see* Vandermeulen, D. 18385
Descotes-Genon, B. *see* Simeu-Abazi, Z. 39760
Descour, M.R., Schowengerdt, R.A., Dereniak, E.L. Analysis of the computed-tomography imaging spectrometer by singular value decomposition 15774
Descour, M.R., Sweatt, W.C., Ray-Chaudhuri, A.K., Krenz, K.D., Warren, M.E., Kravitz, S.H., Tichenor, D.A., Stulen, R.H., Love, T.L. Mass-producible microscopic computer-generated holograms: microtags 14451
Desel, T., Reichel, T., Rudischhauser, S., Hauer, H. A CMOS nine channel ECG measurement IC 59590
Desen Liu *see* Liu Desen
Desen Tian *see* Tian Desen
Desert, F.X. *see* Cesarsky, C.J. 36548
Desforges, F.X., Blocksidge, B. Industrial applications of fiber optic sensing 48626
Desforges, F.X. *see* Girault, M. 48590
Desforges, F.X. *see* Graindorge, P. 36616
Desgardin, P. *see* Ntsoenzok, E. 54020
Desgoutte, P. *see* Chaabane, L. 48467
Desgranges, C. *see* Pamela, J. 36993
Desgupta, A. *see* Ray, S. 39146
Deshayes, R. *see* de Palma, J.F. 21494
Deshdeep Sahdev *see* Shantilal Das 55110
Deshen Xia *see* Xia Deshen
Desheng Jiang *see* Baoquan Sun 54206
Desheng Jiang *see* Jiang Desheng
Desheng Li, Katsunori Shida Monostructure touch sensor with multifunction for discrimination of material properties 27446
Desheng Li, Shida, K. Fuzzy algorithm to discriminate material properties using touch sensors 58676
Desheng Zhu *see* Zhu Desheng
Deshmukh, N., Weber, M., Picone, J. Automated generation of N-best pronunciations of proper nouns 14917
Deshmukh, P.R., Rangra, K.J., Singh, M., Vyas, P.D., Pal, B.B. Phenomenon of resist debris formation in electron beam lithography and its possible application 22659
Deshmukh, R.D. *see* Baldwin, D.F. 1848
Deshmukh, R.G. *see* Farroha, B.S. 35123
Deshmukh, R.G. *see* Farroha, B.S. 35142
Deshours, F. *see* Berghoff, G. 27871
Deshpande, A.A., D'Alessandro, F., McCulloch, P.M. Application of 'CLEAN' in the power spectral analysis of non-uniformly sampled pulsar timing data 17012
Deshpande, D.K. *see* Mutsaddi, M.M. 1678
Deshpande, M.D., Reddy, C.J., Tiemsin, P.I., Cravey, R. A new approach to estimate complex permittivity of dielectric materials at microwave frequencies using waveguide measurements 48832
Deshpande, M.D. *see* Reddy, C.J. 20669
Deshpande, M.R., Sleight, J.W., Reed, M.A., Wheeler, R.G., Matyi, R.J. Zeeman splitting of single semiconductor impurities in resonant tunneling heterostructures 31986
Deshpande, N. *see* Chetty, G. 35307
Deshpande, U.V. *see* Banavar, R.N. 50710
Deshpande, V.V., Doradla, S.R., Divan, D.M. A current-prediction scheme for the PRDCL inverter-fed induction motor drive 29395
Deshu Chen *see* Chen Deshu
Desiderato, L. Automatic test workstation for the production of gas boilers 48363
Desilets, G.L. *see* Lindroth, A. 8856
Desilets, G.L. *see* Lindroth, A. 8857
DeSilva, A.W. *see* Cote, C. 7352
DeSilva, M.J., Shacham-Diamond, Y. A novel seed layer scheme to protect catalytic surfaces for electroless deposition 12815
DeSimio, M.P. *see* Younis, K.S. 5275
DeSimone, A. A model for the nonlinear response of a Terfenol-D-type magnetostrictive actuator 13474
Desimoni, J., Sanchez, F.H., Van Raap, M.B.F., Lin, X.W., Bernas, H., Clerc, C. Mossbauer study of the Fe-Si phases produced by Fe implantation followed by ion-beam-induced epitaxial crystallization 12643
Desinger, K. *see* Tschepe, J. 28414
Desinger, K. *see* Tschepe, J. 33004
Desjardins, D.D. *see* Michaels, R.A. 18626
Desjardins, P. *see* Yip, R.Y.-F. 33115
Desjardins, R.L. *see* Pattey, E. 8468
Deslattes, R.D. *see* Kessler, E.G., Jr. 27380
Deslauriers, J. *see* Martin, J. 13593
Desmedt, Y. Establishing Big Brother using covert channels and other covert techniques 24676
Desmedt, Y.G. *see* Burmester, M. 24678
Desmedt, Y.G. *see* Burmester, M. 56281
Desmet, S., Deknuydt, B., Van Eycken, L., Oosterlinck, A. A segmentation-based video codec with a block-based fall-back mode 15615
Desmond, D., Lane, B., Alderman, J., Hall, G., Alvarez-Icaza, M., Garde, A., Ryan, J., Barry, L., Svehla, G., Arrigan, D.W.M., Schniffner, L. An ASIC-based system for stripping voltammetric determination of trace metals 27460
Desmond, R. Monosotropic heat seal flex attach process optimization: a case study 7513
Desmons, M. *see* Fracasso, B. 14472
Desmons, M. *see* Garvey, T. 49193
Desmulliez, M.P.Y., Foulk, P.W., Taghizadeh, M.R. Optical clock distribution for multichip module 23609
Desmulliez, M.P.Y., Wherrett, B.S., Waddie, A.J., Snowdon, J.F., Dines, J.A.B. Performance analysis of self-electro-optic-effect-device-based (SEED-based) smart-pixel arrays used in data sorting 13754
Desnica, I.D. *see* Desnica, U.V. 31804
Desnica, I.Dunja *see* Dunja Desnica, I.
Desnica, U.V., Desnica, I.D., Ivanda, M., Haynes, T.E. Morphology of the implantation induced disorder in GaAs 31804
Desnogues, P. *see* Zuyev, S. 58224
Desodt, A.M. *see* Peyrodie, L. 60117
Desodt, A.M. *see* Vienne, F. 45502
Desogus, S. *see* Picotto, G.B. 58726
DeSonia, R. *see* LeBlanc, D.J. 4984
DeSonia, R. *see* LeBlanc, D.J. 20206
Desoppere, E. *see* Leys, C. 44355
Desor, H.-J., Alrutz, H., Junke, M., Kohne, H., Scherrer, R., Bock, C. An universal video front end for advanced TV sets 17048
Desormeaux, L. *see* Inkol, R. 19027
Desouky, Y.G. *see* Rashad, E.E.M. 19690
Despain, A.M. *see* Ching-Long Su 21683
Despins, C.L. *see* Bergeron, E. 36000
Despont, M., Beljakovic, G., Stebler, C., Staufer, U., Vettiger, P., de Rooij, N.-F. Fabrication of an integrated silicon-based lens for low-energy miniaturized electron columns 32320
Despont, M., Gross, H., Arrouy, F., Stebler, C., Staufer, U. Fabrication of a silicon-Pyrex-silicon stack by a.c. anodic bonding 23031
Despont, M. *see* Brugger, J. 43400
Despont, M. *see* Stebler, C. 12128
Desportes, H. *see* Lottin, J.C. 49316
Desportes, H. *see* Scanlan, R.M. 13516
Desportes, H. *see* Scanlan, R.M. 37053
DesRoche, D.E. *see* Greening, W.J.T. 8526
Desrosiers, M. *see* Gall, K. 28475
Desrosiers, R.E. Electronic books as teaching supplements 20706
Desrosiers, R.M. *see* Polyakov, A.Y. 52721
Desrousseaux, P., Konczykowska, A. Efficient method for the design of high-speed bipolar decision circuit 58310
Desrousseaux, P. *see* Driad, R. 22951
Dessaint, L.-A. *see* Akhrif, O. 19716
Dessard, V., Baldwin, D., Demeus, L., Gentinne, B., Flandre, D. SOI implementation of low-voltage and high-temperature MOSFET-C continuous-time filters 11573
Dessenne, F. *see* Sleiman, A. 42081
Dessens, P.A. *see* van Gorkom, G.G.P. 41802
Dessoude, M. *see* Popiel, L. 60734
Dessoude, M. *see* Sprecher, J. 61124
Dessy, R.E. Computer connections 35759
Desta, Y.M. *see* Akkaraju, S. 32339
Destefanis, G. *see* Zylbersztejn, A. 26901
DeStefano, D. Make Visual Basic talk to Word 58648
Desthieux, B.M., Ramos, J., Hervo, J., Bertaina, A., Gasca, L., Le Sergent, C., Beylat, J.-L. Spectral bandwidth broadening for long-haul submarine WDM applications using phosphorus-aluminium-codoped EDFAs 6855
Desthieux, B.M. *see* Beylar, J.-L. 26821
Desthieux, B.M. *see* Beylat, J.-L. 23815
Destler, W.W. *see* Shkvarunets, A. 1947
Destobbeleer, E., Protin, L. On the detection of load active currents for active filter control 9319
Destobbeleer, E. *see* Calonnec, P. 61132
Destombes, J.-L. *see* Tranchart, S. 28672
Destrez, A. *see* Bozorgui, S. 55704
Destrez, A. *see* Bozorgui, S. 55705
Destri, G. Discrete-time cellular neural network construction through evolution programs 35108
Destri, G. *see* Adorni, G. 25765
Destri, G. *see* Adorni, G. 35097
Destuynder, P., Salaun, M. A mixed finite element for shell model with free edge boundary conditions. 3. Numerical aspects 648
Desu, S.B., Cho, H.S., Joshi, P.C. Highly oriented ferroelectric $CaBi_2Nb_2O_9$ thin films deposited on Si(100) by pulsed laser deposition 40551
Desu, S.B. *see* Joshi, P.C. 43482
Desu, S.B. *see* Onishi, S. 43589
Desu, S.B. *see* Yongfei Zhu 52781
Desurvire, E. An explicit analytical solution for the transcendental equation describing saturated erbium-doped fiber amplifiers 13993
Desurvire, E. *see* Bigo, S. 25570
Desurvire, E. *see* Bigo, S. 47959
Desurvire, E. *see* Cardinal, S. 26783
Desvard, J.P. *see* Clay, P. 49023
Desvignes, J.M. *see* Jablonski, R. 23346
Detaint, J., Zarka, A., Capelle, B. Properties of fixed resonators with non-spherical contours: application to the resonators having spherical contours 13331
Detaint, J. *see* Palmier, D. 10596
Detaint, J. *see* Zarka, A. 13229
Detaint, J. *see* Zarka, A. 23183
Detalle, V. *see* Charlier, J. 30861
Detao Du *see* Hariharan, A. 3726
Detao Xiao *see* Xiao Detao
Detar, M. *see* Brownson, R. 39932
Detchprohm, T. *see* Ohuchi, Y. 40366
Detchprohm, T. *see* Rezaul Huque Khan, M. 32365
DeTemple, T.A. *see* Crook, A.C. 44058
DeTemple, T.A. *see* Mena, P.V. 55598
Determan, W.R. *see* Johnson, G. 18687
Determan, W.R. *see* Johnson, G. 37972
DeTienne, D.H., Gray, G.R., Agrawal, G.P., Lenstra, D. Semiconductor laser dynamics for feedback from a finite-penetration-depth phase-conjugate mirror 55684
Detinko, M.V., Khoptyar, S.A. Measurement of the thickness of semiconducting layers by means of an SHF-waveguide with a flange 17790
Detka, C.S., El-Jaroudi, A. The generalized evolutionary spectrum 4648

Detkov, A.M. Quasioptimal linear digital filtering for discrete observation of an analog mixture of a desired random signal with additive noise 4758
Detlefsen, J. *see* Schmidhammer, E. 34340
Detmer, P.R. *see* Dunmire, B.L. 28181
Detmer, P.R. *see* Leotta, D.F. 28124
Detmer, P.R. *see* Xiang-Ning Li 28127
Dettmann, C. *see* Taylor, R.P. 42074
Dettmar, U., Raschhofer, R., Sorger, U.K. On the trellis complexity of block and convolutional codes 14808
Dettmer, R. Spinning reserve [energy storage system] 29661
Dettmer, R. *see* Anholt, R. 42944
Dettmer, R.W. *see* DeSalvo, G.C. 12761
Dettori, P. *see* Atzori, L. 15642
Deuchars, G.D. *see* Stannard, J.H. 61289
Deufel, M. *see* Hahn, B. 40466
Deuflhard, P. *see* Bornemann, F.A. 10546
Deuflhard, P. *see* Wust, P. 8092
Deug-Ju Lee, Nam Kim, Ho-Hyung Suh, El-Hang Lee Dynamic optical interconnection in free-space switching system 36118
Deumie, C. *see* Giovannini, H. 4118
Deutsch, A., Becker, W.D., Katopis, G.A., Smith, H., Restle, P.J., Coteus, P.W., Surovic, C.W., Kopcsay, G.V., Rubin, B.J., Dunne, R.P., Gallo, T., Jenkins, K.A., Terman, L.M., Dennard, R.H., Knebel, D.R. Design guidelines for short, medium, and long on-chip interconnections 43289
Deutsch, A., Surovic, C.W., Campbell, J.S., Coteus, P.W., Lanzetta, A.P., Holton, J.T., Knight, A.D. Electrical characteristics of high-performance pin-in-socket and pad-on-pad connectors 31562
Deutsch, A. *see* Widmer, A.X. 26425
Deutsch, C. *see* Vay, J.L. 59159
Deutsch, L. *see* Lesh, J. 26866
Deutsch, M., Garcia, J., Mendlovic, D. Multichannel single-output color pattern recognition by use of a joint-transform correlator 15757
Deutsch, M. *see* Mendlovic, D. 15583
Deutsch, N. *see* Laeri, F.G. 3757
Deutschle, C. *see* Lakhani, R. 40991
Deutschmann, L. *see* Kersch, A. 22492
Deutschmann, L. *see* Sagnes, I. 22595
Dev, B.N. *see* Satyam, P.V. 32066
Dev, B.N. *see* Satyam, P.V. 32067
Dev, B.N. *see* Sundaravel, B. 30810
Dev, S.B. *see* Garner, H. 18487
Devadas, S., Ghosh, A., Keutzer, K. An observability-based code coverage metric for functional simulation 11110
Devadas, S. *see* Lam, K.N. 1316
Devadas, S. *see* Monteiro, J. 21436
Devadas, S. *see* Monteiro, J. 21645
Devadas, S. *see* Monteiro, J. 41055
Devadas, S. *see* Monteiro, J. 41060
Devadhar, S. *see* Wiltzius, D. 6200
Devadiga, S. *see* Gandhi, T.L. 28550
Deval, Y. *see* Maidon, Y. 20840
Deval, Y. *see* Maidon, Y. 43218
Deval, Y. *see* Maidon, Y. 43255
Deval, Y. *see* Tomas, J. 9893
Devane, G. *see* Guotong Du 14189
Devaney, A.J. *see* Deming, R.M. 36211
Devaney, A.J. *see* Riley, K. 15685
Devaney, A.J. *see* Yaghjian, A.D. 56032
Devaney, J.F.L., Forysiak, W., Smith, N.J., Doran, N.J. Modelling WDM soliton transmission in dispersion-managed systems 58343
Devanz, G., Leblond, B., Mouton, B., Travier, C. Bunch length measurement on CANDELA photoinjector 49192
Devaprasad, J. *see* McDonald, D. 20695
Devarajan, V. *see* Bell, W.B. 5210
Devarajan, V. *see* Ghaffar, A. 5747
Devarayanadurg, G., Goteti, P., Soma, M. Hierarchy based statistical fault simulation of mixed-signal ICs 43230
Devars, J. *see* Benosman, R. 4983
Devars, J. *see* Guetari, S. 56897
DeVault, R.C. *see* Fiskum, R.J. 20249
Devaux, F., Harmand, J.C., Dias, I.F.L., Guettler, T., Krebs, O., Voisin, P. High power saturation, polarisation insensitive electroabsorption modulator with spiked shallow wells 23584
Devaux, F., Lantz, E. Parametric amplification of a polychromatic image 24173
Devaux, F. *see* Aubin, G. 6852
Devaux, F. *see* Favre, F. 47899
Devaux, F. *see* Favre, F. 47963
Devaux, F. *see* Kalonji, N. 26815
Devaux, F. *see* Ougazzaden, A. 13707
Devaux, F. *see* Ougazzaden, A. 21232
Devaux, F. *see* Ramdane, A. 26813
Devaux, F. *see* Ramdane, A. 44488
Deveaud, B. *see* Ammann, C. 42170
Deveaud, B. *see* Haddab, Y. 2714
Devedeux, D., Duchene, J., Marque, C. Reassigned time/frequency representations for frequency modulation tracking 49606
Develekos, G. *see* Fahmy, H.I. 26155
Develey, G. *see* Srairi, K. 51050
D'Evelyn, M.P. *see* Hukka, T.I. 10758
Devenport, K.E., Hinton, H.S. A buffered ATM HyperPlane smart pixel array 35887
Devenport, K.E., Hinton, H.S., Goodwill, D.J., Plant, D.V., Rolston, D.R., Hsiao, W. A hyperplane smart pixel array for packet based switching 33326
Devenport, K.E. *see* Goodwill, D.J. 3661
Deventer, M.Oskar van *see* Oskar van Deventer, M.
Deventer, M.O.van *see* van Deventer, M.O.
Deventer, T.E.van *see* van Deventer, T.E.
Devereux, H. *see* Ceng, M.S. 48242
Devereux, R.W., Schillinger, R. Electromagnetic coupling paths evaluated from inside a commercial aircraft 49863
Devernoe, A.L. *see* Miller, J.R. 32944
Devetsikiotis, M. *see* Freebersyser, J.A. 5819
Devetsikiotis, M. *see* Riyaz Ismail, M. 46575
Deveughele, S., Dubuisson, B. The influence of a conflict index in the frame of the adaptive combination 56490
Devgan, A. Transient simulation of integrated circuits in the charge-voltage plane 2778
Devgan, P. *see* Tao, Y.-X. 293
Dev'Gupta, D. Application of thermal and kinetic modeling to the reflow and flip chip bonding of bumps using the Au-Sn-Au metallurgy 22089
Devi, G.Uma *see* Uma Devi, G.
Devi, S. *see* Pattnaik, S.S. 1690
Devi, S. *see* Pattnaik, S.S. 34215
Devi, S. *see* Sargunaraj, S. 38311
Deviatkin, E.A. Stress analysis of matrix and cylindrical inclusion from twisted composite superconductor with transport current in diametrical magnetic field 55075
Devidas, S. *see* Giakos, G.C. 59471
Deville, P., Merzouk, S., Paul, J.C. Modeling light sources for accurate simulations 51825
Deville, Y., Andry, L. Application of blind source separation techniques to multi-tag contactless identification systems 4656
Devillers, L. *see* Lamel, L.F. 45681
Devillers, O. *see* Avnaim, F. 40192
Devillers, R. *see* Sandoz, P. 48916
Devilliers, D. *see* Groult, H. 29526
Devin McAuley, J. Auditory scene analysis via emergent synchrony 56471
Devine, D.J. *see* Chen, X. 7501
DeVine, J.C., Jr. Conceptual benefits of passive nuclear power plants and their effect on component design 19513
Devine, P.J., Lefley, P.W. A high power unity power factor three-phase rectifier for high voltage applications 19871
Devine, R.A.B. *see* Warren, W.L. 23105
Devine, R.T., Walker, S., Staples, P., Mundis, R., Miller, J., Duran, M. Etched track dosemeter response to high energy neutrons 8193
Devins, J. *see* Yasar, G. 11433
DeVita, L. *see* Lozza, G. 29118
Devjatykh, G.G. *see* Dianov, E.M. 23812
Devlaminck, V., Dubus, J.-P. Estimation of compressible or incompressible deformable motions for density images 56738
Devlaminck, V., Lelaurin, L., Yacoubi, A., Dubus, J.P. Stress measure and non-rigid motion estimation from density images using a neural network 46511
Devlaminick, V., Dubus, J.P. Estimation of velocity vectors with a finite element method for echocardiographic images 59429
Devleeschouwer, E. *see* Zuidweg, H. 47277
Devlin, L.M., Buck, B.J., Clifton, J.C., Dearn, A.W., Geen, M.W., Long, A.P., Melvin, S.P. GaAs application specific MMICs for a HIPERLAN MCM 58116
Devlin, L.M. *see* Buck, B.J. 53650
Devlin, M., Sobotka, L.G., Sarantites, D.G., LaFosse, D.R. Simulated response characteristics of Gammasphere 37541
Devlin, M. *see* Sarantites, D.G. 37271
Devlin, M.J. *see* Wollack, E.J. 48199
Devlin, S. *see* Refsum, A. 19816
Devnath, V., Bhat, K.N., Rao, P.R.S. Stable InP MIS device using silicon nitride/anodic oxide double-layer dielectric 32090
DeVolder, B.G. *see* Beard, C.A. 7757
Devoldere, N. *see* Bosc, D. 23545
Devonshire, R. *see* Yu, W. 41765
DeVore, C.R. *see* Sinkovits, R.S. 859
DeVore, W., Berger, S.D. High emittance electron gun for projection lithography 22672
Devoret, M.H. *see* Bouchiat, V. 22903
Devos, F. *see* Arion, B. 46367
Devos, F. *see* Ni, Y. 46368
Devrajan, J. *see* Steckl, A.J. 10626
Devrajan, J. *see* Steckl, A.J. 52822
Devred, A., Ogitsu, T. Ramp-rate sensitivity of SSC dipole magnet prototypes 37050
Devred, A. *see* Scanlan, R.M. 13516
Devred, A. *see* Scanlan, R.M. 37053
DeVries, A.J.G. *see* Beaudoin, M. 27962
Devyatkova, K.M. *see* Tverskoi, V.B. 14072
Devyatkova, L.I. *see* Tverskoi, V.B. 14072
Devyatykh, G.G. *see* Dianov, E.M. 23492
Devynck, J. *see* Cassir, M. 19996
Devynck, J. *see* Malinowska, B. 29608
Dew, M. *see* Leung, E.M.W. 60439
Dew, S.K. *see* Gui, X. 45275
Dew, S.K. *see* Sheergar, M.K. 54520
Dew-Hughes, D. Application of high temperature superconductors in passive microwave devices 55142
Dewa, H., Ao, H., Kihara, T., Sugimura, T., Kando, M., Ikegami, M., Kapin, V., Tonguu, H., Shirai, T., Okamoto, H., Iwashita, Y., Fujita, H., Kakigi, S., Noda, A., Inoue, M. Measurement of the beam distribution of 433 MHz proton linac in longitudinal phase space 37141
Dewald, J.P.A., Given, J.D., Rymer, W.Z. Long-lasting reductions of spasticity induced by skin electrical stimulation 18498
DeWames, R.E. *see* Benson, J.D. 21287
Dewar, B. *see* Ng, S.L. 46588
Dewar, S.V. *see* Reed, M. 3403
Dewar, W. *see* Kbar, G. 25851
Dewar, W.J. *see* Kbar, G. 46592
Dewdney, P.E. *see* Smegal, R.J. 58514
Deweerd, W., Barancira, T., Langouche, G., Milants, K., Moons, R., Verheyden, J., Pattyn, H. Study of the trapping of Co-Fe impurities at the internal wall of nanosized Si voids 31751
Deweerd, W. *see* Milants, K. 42370
DeWeerth, S.P. *see* Knight, C.D. 20631
DeWeerth, S.P. *see* Morris, T.G. 21827
DeWeerth, S.P. *see* Urey, H. 23717
Dewer, P. *see* Aden, T.C. 38182
DeWerd, L.A. Response to "Comment on 'TLD measurements of in vivo mammographic exposures and the calculated mean glandular dose across the United States'" [Med. Phys. 23, 899-903 (1996)] 49816
Dewhurst, R.J. *see* Chen, C.M. 10995
Dewhurst, V. *see* Agnelli, S. 6117
Dewilde, P.M., Nowacka, E.B. Circuit models for the hybrid element method 11032
DeWinter, F. *see* Xiao, Y. 19838
DeWinter, F.A., Bin Wu Medium voltage motor harmonic heating, torques and voltage stress when applied on VFDs 51651
DeWinter, F.A. *see* Bin Wu 51679
DeWitt, D.P. *see* Thomas, J.C. 22488
DeWitt, J., Dorfan, D.E., Dubbs, T., Grillo, A.A., Kashigin, S., Kroeger, W., Pulliam, T., Rahn, J., Rowe, W.A., Sadrozinski, H.F.-W., Seiden, A., Spencer, E., Webster, A., Wichmann, R., Wilder, M., Williams, D.C., Dane, J., Lankford, A., Pier, S., Schmid, B., Bonino, R., Couyoumtzelis, C., Demierre, P., Fujita, K., Handa, T., Iwata, Y., Ohsugi, T., Iwasaki, H., Kohriki, T., Kondo, T., Terada, S., Unno, Y., Takashima, R., Ciocio, A., Collins, T., Emes, J., Gilchriese, M.G.D., Haber, C., Kipnis, I., Shapiro, M., Siegrist, J., Spieler, H., Moorhead, G., Nakao, M., Tamura, N., Dabrowski, W., Idzik, M., Godlewski, J., Grewal, A., Nickerson, R., Wastie, R., Gao, Y., Gonzalez, S., Walsh, A.M., Feng, Z. Test results on silicon micro-strip detectors for ATLAS 59243
DeWitt, J. *see* Sadrozinski, H.F.W. 37399
DeWitt, J. *see* Unno, Y. 37395
DeWitt, R. *see* Singh, N.B. 10598
DeWitt, W.E. *see* Skvarenina, T.L. 20574
DeWitt, W.E. *see* Taylor, K.D. 20465
DeWitte, J. *see* Szu, H. 59561
Dewitz, J.-P. *see* Kasparian, J. 55890
Dewsnap, B. *see* Daly, M.P.J. 59756
Dewsnip, D.J., Andrianov, A.V., Harrison, I., Lacklison, D.E., Orton, J.W., Morgan, J., Ren, G.B., Cheng, T.S., Hooper, S.E., Foxon, C.T. Observation of resonant Raman lines during the photoluminescence of doped GaN 41949
Dewsnip, D.J. *see* Orton, J.W. 31856
Dewsnip, J.D. *see* Cheng, T.S. 10765
Dewson, T., Irving, A.D., Terdik, G. Estimating of Volterra kernels in case of moment hierarchy and orthogonal representation 30570
Dewson, T. *see* Irving, A.D. 34050
Dexang Wu *see* Wu Dexang
Dexin Guan *see* Guan Dexin
Dexin Liang Warpage study of glob top cavity-up EPBGA packages 193
Dexiu Huang *see* Huang Dexiu
Dexter, A.C., Jesson, S. Distributed parameter control of billet heating 29909
Dexter, M.R. *see* Backer, D.C. 48204
Dey, A.K., Kondor, S.A. Flight test planning and tracking tools for autonomous UAV systems 59866
Dey, K.K. *see* Singh, U.N. 3365
Dey, M. Performance-oriented and risk-based regulation for containment testing 29029
Dey, S., Mittra, R., Chebolu, S. A technique for implementing the FDTD algorithm on a nonorthogonal grid 45319
Dey, S., Mittra, R., Kobayashi, T., Itoh, M., Maeda, S. Circularly polarized meander patch antenna array 34408
Dey, S. *see* Altman, Z. 34347
Dey, S. *see* George, J. 4392
Dey, S. *see* Raghunathan, A. 11327
Dey, S. *see* Raghunathan, A. 11349
Deyhim, A., Yost, B., Mirng-Ji Lii, Che-Yu Li Characterization of the fatigue properties of bonding wires 208
Deyi Si *see* Si Deyi
Deying, Z. *see* Fei, L. 48600
Deyres-Pescay, C., Boizard, J.L., Leman, P., Aragon, B. A precise localization system dedicated to hydrobiological studies of lakes. Fish localization, topography, tomography and lakes bed types mapping 50139
Deyu Dang *see* Dang Deyu
Deyuan Gao *see* Gao Deyuan
Deyuan Luo *see* Luo Deyuan
Deyuan Shen *see* Shen Deyuan
Deyuan Sheq *see* Sheq Deyuan
Deyun Wu *see* Lumsdaine, A. 40138

Deyzac, F. *see* Besson, R.J. 13335
Dezauzier, C., Bluet, J.M., Contreras, S., Camassel, J., Robert, J.L., DiCioccio, L., Stoemenos, J. Heteroepitaxy of cubic (3C) SiC on SOI 10706
Dezhi Xu *see* Xu Dezhi
Dezhong Li *see* Li Dezhong
Dezhong Liu *see* Kang Chen 7452
Dezhong Shen *see* Shen Dezhong
Dezillie, B., Lemeilleur, F., Glaser, M., Casse, G.-L., Leroy, C. Experimental results on radiation induced bulk damage effects in float-zone and epitaxial silicon detectors 59248
Dezza, F.C., Ubaldini, M., Dimanici, G., Imperatori, G. Air inductors study using standard software tools 60923
Dezza, F.Castelli *see* Castelli Dezza, F.
D'Haeger, V., De Ceuninck, W., De Schepper, L., Stals, L.M. Characterization of the early stages of EM in Al-based metal lines by means of a HRRMT based on an extremely stable ambient temperature 42765
Dhagat, P. *see* Glavinas, E. 43693
Dhahbi-Megriche, N., Beroual, A., Krahenbuhl, L. A new proposal for flashover of polluted insulators 41736
Dhakal, P. *see* Sachdev, M.S. 19920
Dhalle, M., Cuthbert, M., Johnston, M.D., Everett, J., Flukiger, R., Dou, S.X., Goldacker, W., Beales, T., Caplin, A.D. Experimental assessment of the current-limiting mechanisms in BSCCO/Ag high-temperature superconducting tapes 32894
Dhanak, M. *see* Holappa, K. 38103
Dhanalakshmi, K., Saraswathi, R., Srinivasan, C. Synthesis and electrochemical stability of polyaniline and polypyrrole in an ambient temperature acetamide-urea-ammonium nitrate eutectic melt 30858
Dhanantwari, A.C., Stergiopoulos, S., Phillips, W., Robertson, W. Adaptive beamforming with near-instantaneous convergence for matched filter processing 16976
Dhanjal, S. *see* Bennett, P.J. 32972
Dhaou Imed Ben *see* Imed Ben Dhaou
Dhar, L. *see* Partovi, A. 3354
Dhar, N.K., Zandian, M., Pasko, J.G., Arias, J.M., Dinan, J.H. Planar p-on-n HgCdTe heterostructure infrared photodiodes on Si substrates by molecular beam epitaxy 40418
Dhar, N.K. *see* Gray, A. 729
Dhar, P. *see* Saha, A. 47096
Dhar, S., Paul, S., Mazumdar, M., Banerjee, S. Effect of Er dopant on the properties of $In_{0.53}Ga_{0.47}As$ layers grown by liquid phase epitaxy 41906
Dhar, V. *see* Agostino, T. 30186
Dhar, V. *see* Bhan, R.K. 13854
Dharamshi, R. *see* King, T.L. 33900
Dharanipragada, S. New algorithms for convex set constrained signal reconstruction 15402
Dharchoudhury, A., Kang, S.M. Analytical fast timing simulation of MOS circuits driving RC interconnects 54816
Dharchoudhury, A. *see* Yi-Kan Cheng 13132
Dhariwal, S.R., Deoraj, B.M., Rajvanshi, S. Analytical model for recombination mechanism in amorphous silicon P-I-N solar cell 54032
Dharmadasa, I.M. *see* Siripala, W. 32100
Dharmadhikari, A.K., Dharmadhikari, J.A., Adhi, K.P., Mehendale, N.Y., Aiyer, R.C. Low cost fast switch using a stack of bipolar transistors as a pockel cell driver 3466
Dharmadhikari, J.A. *see* Dharmadhikari, A.K. 3466
Dharmarasu, N. *see* Arulkumaran, S. 42932
Dharmasena, K.P., Wadley, H.N.G. Eddy current sensor concepts for the Bridgman growth of semiconductors 40721
Dharmasena, K.P., Wadley, H.N.G. Eddy current sensing of vertical Bridgman growth of $Cd_{0.96}Zn_{0.04}Te$ 48816
Dharmasena, K.P. *see* Wadley, H.N.G. 40722
Dhawale, P.J. *see* Li, D. 59477
Dhawan, A.P. *see* Loncaric, S. 57130
Dhawan, A.P. *see* Zavaljevski, A. 5511
Dhawan, S.K. *see* Kumar, G. 9528
Dhen, F.S. *see* Dixit, G.A. 42665
Dhend, M.H. *see* Sasane, S.A. 60228
Dhere, N.G., Lynn, K.W. Gallium content enhancement in $CuIn_{1-x}Ga_xSe_2$ thin films prepared by two-selenizations process using Se vapor [solar cells] 39097
Dhere, R. *see* Ramanathan, K. 39074
Dhere, R.G. *see* Moutinho, H.R. 30870
Dhere, R.G. *see* Rose, D.H. 39060
d'Heurle, F.M. *see* Cabral, C. 42660
d'Heurle, F.M. *see* Clevenger, L.A. 42748
Dhia, A.-S.Bonnet-Ben *see* Bonnet-Ben Dhia, A.-S.
Dhirani, A., Lin, P.-H., Guyot-Sionnest, P., Zehner, R.W., Sita, L.R. Self-assembled molecular rectifiers 41699
Dhirani, H., Sedding, H.G., Ferguson, W.J. On and off-line partial discharge testing of a 500 MW nuclear generator 60684
Dhirani, H. *see* Sedding, H.G. 60552
Dhliwayo, J., Webb, D.J., Pannell, C.N. Statistical analysis of temperature measurement errors in a Brillouin scattering based distributed temperature sensor 48591
Dhoble, S.J. Luminescence of Eu^{3+} ions in LaF_3 laser host 3796
Dhodhi, M.K. *see* Ismaeel, A.A. 21583
Dhoedt, B. *see* Demeulenaere, B. 33552
Dhome, M. *see* Braud, P. 46293
Dhome, M. *see* Laumy, M. 15535
Dhome, M. *see* Sayd, P. 15725
Dhome, M. *see* Sayd, P. 46516
Dhome, M. *see* Sayd, P. 56891
Dhondt, F., Rolland, P.A., Haese, N., Delage, S., Blanck, H., Chartier, E. Self consistent electro-thermal modeling of multifingers HBTs for power application 54613
Dhondt, G., De Zutter, D., Martens, L. An improved free-space technique modelling for measuring dielectric properties of materials 36844
D'Hondt, M., Moerman, I., Demeester, P. Characterisation of 2% mismatched InGaAs and InAsP layers, grown on different buffer layers and at different growth temperatures 40486
Dhong, S.H. *see* Haring, R.A. 1263
D'hooge, J. *see* De Man, B. 49526
Dhooper, J., Kidd, P., Allen, L. Creating a WDM network layer–the operators perspective 58334
D'hose, C. *see* Baggio, J. 24015
Di, C. Modeling and simulation of defect induced faults in CMOS IC's 1285
Di, D. *see* Sun, X. 48592
di Baja, G.Sanniti *see* Sanniti di Baja, G.
Di Barba, P., Dughiero, F., Trevisan, F. Optimization of the Loney's solenoid through quasi-analytical strategies: a benchmark problem reconsidered 44990
Di Bartolo, A. *see* Polignano, M.L. 31771
di Bartolo, G. *see* Ciavola, G. 49283
Di Bartolomeo, A. *see* Frangini, S. 51509
Di Bella, E.V.R., Barclay, A.B., Eisner, R.L., Schafer, R.W. A comparison of rotation-based methods for iterative reconstruction algorithms 28242
Di Bello, C. *see* Buonomo, A. 11217
Di Benedetto, F. Preconditioning of block Toeplitz matrices by sine transforms 40171
Di Benedetto, M.-G., Mandarini, P. An application of MMSE predistortion to OFDM systems 5798
di Bernardo, M., Garofalo, F., Glielmo, L., Vasca, F. Nonlinear phenomena in pulse width modulated feedback controlled systems 51110
Di Bernardo, M. *see* Stoten, D.P. 21462
Di Biase, V. *see* Zylbersztejn, A. 26901
Di Biase, V.C. *see* Aureli, G. 47910
Di Bin, P., Pagnoux, D., Simos, C., Faugeras, P., Facq, P. Technique for measurement of fibre cut-off wavelengths by selective modal excitation 43936
Di Bisceglie, M., Galdi, C., Lanari, R. Statistical characterization of the phase process in interferometric SAR images 6932
Di Bisceglie, M., Longo, M. Decentralized encoding of a remote source 24653
Di Bisceglie, M. *see* Conte, E. 58419
Di Blasio, M., Averous, M., Calas, J. Optical characterization and atomic scale modeling of MOCVD grown ZnS-ZnSe strained layer superlattices 22363
di Bona, A., Sabary, F., Joly, S., Michelato, P., Sertore, D., Pagani, C., Valeri, S. Development, operation and analysis of bialkali antimonide photocathodes for high-brightness photo-injectors 59184
Di Brigida, C. *see* Butto, M. 5702
Di Carlo, A., Lugli, P., Vogl, P. Enhanced Zener tunneling in silicon 54571
Di Carlo, A. *see* Murayama, K. 32359
Di Carlo, A. *see* Nagasawa, H. 12882
Di Carlo, A. *see* Villa, S. 54608
Di Carlo, W., Wilkinson, G.G. Dominant linear feature detection in satellite images using a self-organizing neural network 57075
Di Caro, G. *see* Valentinotti, F. 5230
Di Cesare, P. *see* Vespasiano, G. 3721
Di Chio, E., Ciaccia, M. Automatic control in semiconductor laser applications for optoelectronic systems 3649
Di Ciano, M., Tangorra, R., Marzocca, C. Designing a low cost, low noise programmable gain instrumentation amplifier 1147
Di Cioccio, L. *see* Semond, F. 2239
Di Claudio, E.D. *see* Di Mario, G. 4725
Di Cocco, G., De Cesare, G., Ferro, C., Grassi, D., Labanti, C., Malaguti, G., Mauri, A., Rossi, E., Schiavone, F., Spizzichino, A., Traci, A. Background rejection for the IBIS telescope based on Compton kinematics: experimental tests and Monte Carlo simulations 59368
Di Concetto, M., Gallassi, G., Rosa, C. AMUSE, an advanced ATM platform for residential interactive and distributive television 58000
Di Dio, M. *see* Calcagnile, L. 42111
Di Dio, V., Montana, M. State of art of tubular linear induction motor 9274
Di Fabrizio, E., Gentili, M., Morales, P., Pilloton, R., Mela, J., Santucci, S., Sese, A. Microlithographic techniques for laser assisted fabrication of bioelectronic devices 1845
Di Fabrizio, E., Grella, L., Gentili, M., Baciocchi, M., Mastrogiacomo, L., Morales, P. Fabrication of 5 nm resolution electrodes for molecular devices by means of electron beam lithography 31639
Di Fabrizio, E., Grella, L., Gentili, M., Baciocchi, M., Mastrogiacomo, L., Sang-Soo Choi, Young Jin Jeon, Kyung Joun Yoo, Hai Bin Chung A novel x-ray mask concept for Mix&Match lithography fabrication of MOS devices by synchrotron radiation lithography 42886
Di Fabrizio, E. *see* Grella, L. 44158
Di Fabrizio, E. *see* Hiroshima, H. 32268
Di Felice, R., Northrup, J.E., Neugebauer, J. Energetics of AlN thin films and the implications for epitaxial growth on SiC 30796
Di Fiore, L. *see* Barone, F. 7186
Di Forte-Poisson, M.A. *see* Henkel, A. 32144
Di Francesco, R. *see* Campolargo, M. 57718
Di Francia, G., La Ferrara, V., Maddalena, P., Ninno, D., Odierna, L.P., Cataudella, V. AC conductivity of porous silicon: a fractal and surface transport mechanism? 41817
Di Fulvio, P. *see* Luk, P.C.K. 61193
Di Gaetano, L. *see* Campoccia, A. 38337
Di Gaspare, L., Capellini, G., Chudoba, C., Sebastiani, M., Evangelisti, F. Low-energy yield spectroscopy determination of band offsets: application to the epitaxial Ge/Si(100) heterostructure 2119
di Gaspare, L. *see* Capellini, G. 40571
Di Gennaro, S. Robust angular tracking control of synchronous motors in presence of uncertainties 60710
Di Giacomo, G. Effect of mini-cycles on the solder joints fatigue behaviour as a result of their superimposition on main cycles 52219
Di Girolamo, R., Le-Ngoc, T. Performance of open-loop digital frequency estimation techniques for burst-mode transmission 15318
Di Giulio, M. *see* Manno, D. 31867
Di Gregorio, M. *see* Atzori, L. 15642
Di Ilio, A., Paoletti, A., Paoletti, D. Holographic tests on ceramic coatings on metal surfaces 40742
Di Lazzaro, P. *see* Bollanti, S. 3704
Di Lazzaro, P. *see* Bollanti, S. 13937
Di Lazzaro, P. *see* Bollanti, S. 24062
Di Lazzaro, P. *see* Bollanti, S. 55787
Di Lazzaro, P. *see* Lisi, N. 44340
Di Lecce, V., Guerriero, A. Spectral estimation by AFT computation 15224
Di Lecce, V. *see* Andria, G. 7227
Di Leo, R. *see* Cucolo, A.M. 43831
Di Luzio, S. *see* Pasquarelli, A. 8007
Di Maio, G. *see* Tesauri, M. 47996
Di Marco, P. *see* Kalinowski, J. 13870
Di Marco, P. *see* Stampor, W. 44292
Di Mario, G., Di Claudio, E.D., Orlandi, G. Fast SVD-based algorithm for signal selective DOA estimation 4725
Di Martino, J.-C. *see* Colnet, B. 25198
di Martino, P., Rosi, R., Zanetta, L. Technical and economic comparison of full-service access network architectures 35838
di Marzo, M. *see* Tafreshi, A.M. 29007
di Massa, D.E. *see* Gualdesi, L. 50104
Di Massa, G., Sarubbi, M., Mazzarella, G. Multihole-coupled patch antennas 34301
Di Massa, G. *see* Amendola, G. 4366
Di Mauro, E.C., Cootes, T.F., Page, G.J., Jackson, C.B. Check! a generic and specific industrial inspection tool 1757
Di Mauro, E.C. *see* Lanitis, A. 15536
Di Mauro, G., Suarez, J., Dimenna, C., Ferreyra, R., Anaut, D. Graphics based software for support of management of electrical networks 19315
Di Michiel, M. *see* Arfelli, F. 37666
Di Michiel, M. *see* Arfelli, F. 49329
Di Michiel, M. *see* Arfelli, F. 59555
Di Monaco, O., Piranda, B., Armand, J.S., Gruson, Y., Lajoie, I., Chaubet, M., Piranda, J., Giordano, V. Electromagnetic and mechanical behaviours of whispering gallery mode resonators [for space application] 21885
Di Muro, R., Di Pasquale, F., Bayvel, P. Praseodymium-doped fibre amplifiers for WDM applications 58344
Di Nallo, C., Frezza, F., Galli, A., Lampariello, P. Comparative modal analysis of NRD parallelepiped dielectric resonators 11657
Di Napoli, A., Caricchi, F., Crescimbini, F. Ultracapacitor based bidirectional DC-DC converter prototype for recovery of the braking energy in EV motor drives 51234
Di Nardo, E., Pirozzi, E. On the grouping rule for random samples 58604
Di Natale, C., Davide, F., Brunink, J.A.J., D'Amico, A., Vlasov, Y.G., Legin, A.V., Rudnitskaya, A.M. Multicomponent analysis of heavy metal cations and inorganic anions in liquids by a non-selective chalcogenide glass sensor array 27463
Di Natale, C., Repole, G., Macagnano, A., Saggio, G., Davide, F., D'Amico, A., Paolesse, R., Boschi, T., Faccio, M., Ferri, G. The application of metalloporphyrins as basic materials for chemical sensors 58885
di Natale, C. *see* Marco, S. 17583
Di Natale, C., D'Amico, A. *(editors)* Proceedings of the 1st Italian Conference. Sensors and Microsystems 51996
Di Natale, E. *see* Davide, F.A.M. 58898
Di Natale, M. *see* Meschi, A. 5749
Di Palma, T.M. *see* Mele, A. 21363
Di Paola, A., Sannino, M. Noise figure test-set for simultaneous measurements of gain and noise figure of microwave devices 7553
Di Paola, A. *see* Caddemi, A. 21917
Di Paola, A. *see* Caddemi, A. 53600
Di Paola, K. *see* Caddemi, A. 13023
Di Paola, R. *see* Guillemet, H. 28061

Di Paolo, M.L. *see* Vianello, F. 50213
Di Pascoli, S. *see* Ciofi, C. 2454
Di Pasquale, F., Fernandez, F.A., Day, S.E., Davies, J.B. Two-dimensional finite-element modeling of nematic liquid crystal devices for optical communications and displays 3479
Di Pasquale, F. *see* Di Muro, R. 58344
Di Pasquale, F. *see* Tellert, T. 3715
Di Pietro, A. *see* Aiello, S. 1483
Di Pietro, A. *see* Aiello, S. 49328
Di Prima, F. *see* Caddemi, A. 41453
Di Qiang *see* Qiang Di
Di Rienzo, L. *see* Bellan, D. 11524
Di Rienzo, L. *see* Bellan, D. 53377
Di Rienzo, M. *see* Castiglioni, P. 49633
Di Rienzo, M. *see* Pilgram, B. 59661
Di Rocco, D. *see* Pietralunga, S. 16699
Di Rosa, P. *see* Lamberti, N. 55009
Di Ruberto, C., Raimo, A., Vitulano, S. A proposal in diagnostic imaging 37728
Di Ruberto, C. *see* Vitulano, S. 5268
Di Sciascio, E. *see* Cafforio, C. 46349
Di Shuo *see* Shuo Di
Di Silvestre, M.I. *see* Campoccia, A. 38337
Di Stefano, A., Lo Bello, L., Mirabella, O. BRAIN: a new distributed communication protocol for synchronous process control applications 16299
Di Stefano, A., Lo Bello, L., Mirabella, O. Assessment of job allocation on heterogeneous computer networks 26236
Di Stefano, A. *see* Cavalieri, S. 6048
Di Stefano, A. *see* Cavalieri, S. 6263
Di Stefano, A. *see* Cavalieri, S. 47059
Di Stefano, A. *see* Cavalieri, S. 47060
Di Stefano, P. *see* Zobel, P.B. 60815
Di Stefano, R., Meo, S., Scarano, M., Villani, M. 3-D FEM analysis of a PM actuator with rotatory and linear motion 60969
Di Stefano, R. *see* D'Angelo, G. 9588
Di Stefano, S. *see* Deligiannis, F. 18724
Di Stefano, S. *see* Perrone, D.E. 18726
Di Stefano, S. *see* Ratnakumar, B.V. 18718
Di Trapani, P. *see* Andreoni, A. 3739
di Vimercati, S.De Capitani *see* De Capitani di Vimercati, S.
Di Virgilio, A. *see* Luiten, A.N. 48500
Di Wu *see* Aidong Li 43582
Di Xiao, Ghosh, B.K., Ning Xi, Tzyh Jong Tarn A single camera, calibration free estimation and tracking scheme with multi-sensor fusion in a manufacturing workcell 25500
Di Xiao *see* Ghosh, B.K. 25786
Di Zenzo, M. *see* Cardarilli, G.C. 41143
Di Zhong *see* Hong Jiang Zhang 57413
Di Zhou *see* Zhou Di
Di Zitti, E. *see* Bonfiglio, A. 58886
Dia, R. *see* Lai, R. 36117
Dia, R. *see* Wang, H. 11721
Dia, R.M. *see* Chen, Y.C. 53672
Diab, C. *see* Prost, R. 4650
Diabi, R., Filippini, J.C., Marteau, C., Tobazeon, R. On the role of temperature and impurities in the low field conduction of insulating liquids 23248
Diaconescu, C. *see* Bonnaud, O. 9879
Diaconescu, D. *see* Buda, M. 44538
Diaconescu, D. *see* Pantelica, D. 42274
Diaconescu, M. *see* Baluta, G. 38764
Diaconu, C. *see* Baticnani, G. 7810
Diaconu, E.-D. *see* Moldovanu, A. 7278
Diagne, A. *see* Gervais, M. 35793
Diak, G.R. *see* Anderson, M.C. 8378
Diak, G.R. *see* Norman, J.M. 8411
Diakonov, L.I. *see* Susov, E.V. 33229
Dialetis, D. *see* Riyopoulos, S. 31679
Dialynas, E.N., Papakammenos, D.J., Koskolos, N.C. Integration of nonutility generating facilities into the reliability assessment of composite generation and transmission power systems 50478
Diamantakis, M.T. *see* Butcher, J.C. 30628
Diamantaras, K.I., Stamkopoulos, T., Maglaveras, N., Strintzis, M. ST segment nonlinear principal component analysis for ischemia detection 49631
Diamantaras, K.I. *see* Maglaveras, N. 49837
Diamanti, P. Power-line carrier: still the lowest-cost medium for communications 6432
Diamond, M.N. Avoiding the deficit engineering trap 52146
Diamond, S., Kennedy, J., Janko, B. Characterization of high speed interconnects 42797
Dian-Zhao Sun *see* Sun Dian-Zhao
Diani, M. *see* Berizzi, F. 58436
Diankov, G. *see* Tassev, V. 13740
Diannong Liang *see* Liang Diannong
Dianov, E.M., Abramov, A.A., Bubnov, M.M., Shipulin, A.V., Prokhorov, A.M., Semjonov, S.L., Schebunjaev, A.G., Devjatykh, G.G., Guryanov, A.N., Khopin, V.F. 30 dB gain Raman amplifier at 1.3 μm in low-loss high GeO_2-doped silica fibers 23812
Dianov, E.M., Belov, A.V., Bufetov, I.A., Protopopov, V.N., Gur'yanov, A.N., Gusovskii, D.D., Kobis', S.V. High-power single-mode neodymium fibre laser 44375
Dianov, E.M., Golant, K.M., Khrapko, R.R., Kurkov, A.S., Leconte, B., Douay, M., Bernage, P., Niay, P. Grating formation in a germanium free silicon oxynitride fibre 33029
Dianov, E.M., Golant, K.M., Khrapko, R.R., Kurkov, A.S., Leconte, B., Douay, M., Bernage, P., Niay, P. Grating formation in a germanium free silicon oxynitride fibre 43981
Dianov, E.M., Karpov, V.I., Kurkov, A.S., Protopopov, V.N. Methods for flattening the gain spectrum of erbium fibre amplifiers 23775
Dianov, E.M., Karpov, V.I., Kurkov, A.S., Protopopov, V.N., Devyatykh, G.G., Gur'yanov, A.N., Gusovskii, D.D., Kobis, S.V., Zverev, Yu.B. Erbium-doped high concentration fibers produced by the MCVD technology using volatile compounds 23492
Dianov, E.M., Mashinsky, V.M., Neustruev, V.B., Sazhin, O.D., Guryanov, A.N., Khopin, V.F., Vechkanov, N.N., Lavrishchev, S.V. Origin of excess loss in single-mode optical fibers with high GeO_2-doped silica core 33041
Dianov, E.M., Stardubov, D.S., Vasiliev, S.A., Frolov, A.A., Medvedkov, O.I. Refractive-index gratings written by near-ultraviolet radiation 43963
Dianov, E.M., Starodubov, D.S., Feinberg, J. Mechanism of photoinduced second-harmonic generation in germanosilicate glass 55873
Dianov, E.M., Starodubov, D.S., Frolov, A.A. Germanosilicate glass: evidence of the new photosensitivity mechanism 13630
Dianov, E.M., Starodubov, D.S., Glebov, L.B., Ignat'ev, A.I., Nikonorov, N.V., Salahetdinov, I.F. Photoinduced second harmonic generation in titanium and cerium doped lead-silicate glasses 24177
Dianov, E.M., Starodubov, D.S., Vasiliev, S.A., Frolov, A.A., Medvedkov, O.I. Near-UV photosensitivity of Ge-doped silica fibers 55194
Dianov, E.M., Vasil'ev, S.A., Starodubov, D.S., Frolov, A.A., Medvedkov, O.I. Writing of refractive-index gratings in germanosilicate fibres by near-UV radiation 43969
Dianov, E.M. *see* Avrutskii, I.A. 44545
Dianov, E.M. *see* Bubnov, M.M. 13596
Dianov, E.M. *see* Limberger, H.G. 43984
Dianov, E.M. *see* Starodubov, D.S. 55834
Dianov, E.M. *see* Sulimov, V.B. 13605
Dianov, E.M. *see* Vasil'ev, S.A. 43968
Dianov, E.M. *see* Vasiliev, S.A. 13590
Dianov, S.V. *see* Dianov, V.N. 27412
Dianov, V.N., Dianov, S.V., Poliker, E. Parameter measurement and location of failures in electrical circuits and systems 27412
Dianqiang Lou *see* Lou Dianqiang
Diantin Cui *see* Cui Diantin
Dianyuan Fan *see* Fan Dianyuan
Diao, Z.T., Goto, S., Meguro, K., Tsunashima, S., Jimbo, M. Role of the buffer layers in determining the antiferromagnetic coupling and magnetoresistance of NiFeCo/Cu superlattices 43653
Diao Qinghua *see* Chen Zhou 28819
Diao Yongping, Zhang Guangzhao Multimedia communication platform for Windows environment 58017
Dias, A., Moreira, R.L., Mohallem, N.D.S. Sintering studies of hydrothermal NiZn ferrites 52847
Dias, A.V., Bortolozzi, F., Delgado, M.R.B.S. Results of the use of Bayesian classifiers for identification of breast cancer cell nuclei 7876
Dias, C., Almeida do Vale, A. The need of a time-frequency representation for the digital correction of the high voltage impulse tests results 17206
Dias, C., Almeido de vale, A. The use of a time-frequency representation for the digital analysis of the high voltage impulse test records 17242
Dias, C.J., Das-Gupta, D.K. Inorganic ceramic/polymer ferroelectric composite electrets 2956
Dias, C.J. *see* Wenger, M.P. 43500
Dias, G.P. *see* Xu Shiyi 11380
Dias, I.F.L., Nabet, B., Kohl, A., Harmand, J.C. High reflectivity, low resistance Te doped AlGaAsSb/AlAsSb Bragg mirror 55658
Dias, I.F.L. *see* Devaux, F. 23584
Dias, J.M., Mendonca, J.T. Observation of transition turbulence in an air jet by collective light scattering 17866
Dias, L. *see* Celeiro, F. 40974
Dias, L.G. *see* Butler, K.L. 50550
Dias, L.G. *see* Momoh, J.A. 50560
Dias, M.De Sousa *see* De Sousa Dias, M.
Dias, P. *see* Leonhardt, U. 16254
Dias, R. *see* Yang, H.Y.D. 33994
Dias, V. *see* Martins, J. 21833
Diatezua, D.M. *see* Dae-Gyu Park 2278
Diatezua, D.M. *see* Park, D.-G. 42312
Diaz, A.Z. *see* Wielopolski, L. 8121
Diaz, C. *see* Cao, M. 22814
Diaz, C. *see* Zhongjian Chen 43073
Diaz, C.S., Civera, J.I., Chilet, S.S. Design and simulation of a linear power source using the LM723 1126
Diaz, C.S. *see* Civera, J.I. 1124
Diaz, D. *see* Schwartz, D.B. 58390
Diaz, D.C., Schow, C.L., Jieming Qi, Campbell, J.C., Bean, J.C., Peticolas, L.J. Si/SiO_2 resonant cavity photodetector 17347
Diaz, F. *see* Herrera, A. 58240
Diaz, F. *see* Qing Hang Li 18219
Diaz, F. *see* Sole, R. 682
Diaz, F. *see* Sole, R. 3177
Diaz, F. *see* Sole, R. 10602
Diaz, G.Gonzalez *see* Gonzalez Diaz, G.
Diaz, H. *see* Betts, W. 59222
Diaz, J., Yi, H., Rybaltowski, A., Lane, B., Lukas, G., Wu, D., Kim, S., Erdtmann, M., Kaas, E., Razeghi, M. InAsSbP/InAsSb/InAs laser diodes (λ=3.2 μm) grown by low-pressure metal-organic chemical-vapor deposition 21229
Diaz, J. *see* Alonso, J.M. 51828
Diaz, J. *see* Carrasco, D. 16925
Diaz, J. *see* Gonzalez, M. 51482
Diaz, J. *see* Lane, B. 40408
Diaz, J. *see* Lane, B. 42059
Diaz, J. *see* Mimila-Arroyo, J. 52633
Diaz, J. *see* Ressier, L. 52683
Diaz, J. *see* Wu, D. 23980
Diaz, J. *see* Yi, H. 3868
Diaz, J.E. *see* De La Torre, A. 24859
Diaz, M. *see* Courtiat, J.-P. 47317
Diaz, M. *see* Fournier, M. 6344
Diaz, P. *see* Calpe, J. 5183
Diaz, R. *see* Brito, P. 32632
Diaz, R. *see* Gorostiza, P. 52740
Diaz, R.E. *see* Alexopoulos, N.G. 32605
Diaz, R.Mayol *see* Mayol Diaz, R.
Diaz, S.L.P. *see* Fernandez, S.P. 3422
Diaz, T. *see* Peykov, P. 12574
Diaz de la Rubia, T., Caturla, M.-J. Atomic scale simulations of arsenic ion implantation and annealing in silicon 54026
Diaz de la Rubia, T. *see* Averback, R.S. 12659
Diaz de la Rubia, T. *see* Bedrossian, P.J. 22533
Diaz de la Rubia, T. *see* Caturla, M.-J. 12662
Diaz de la Rubia, T. *see* Huang, H. 54502
Diaz de la Rubia, T. *see* Marques, L.A. 673
Diaz de la Rubia, T. *see* Picraux, S.T. 12702
Diaz-Arencibia, P., Torres-Delgado, G., Mendoza-Alvarez, J., Prutskij, T., Chavez-Ramirez, F., Silva-Andrade, E. AlGaAs/GaAs quantum well heterostructures grown by the low temperature LPE technique 2141
Diaz-de-Leon S., J.L. *see* Sossa A., J.H. 15894
Diaz-de-Maria, F. *see* Santamaria-Caballero, I. 15390
Diaz-Garcia, M.A. *see* Hide, F. 3772
Diaz-Garcia, M.A. *see* Rojo, G. 43891
Diaz-Mendoza, C. *see* Bultheel, A. 30557
Diaz-Santana, L., Ojeda-Castaneda, J. Lensless noncoherent optical sensor with pseudorandom gratings 25656
Diaz-Santana, L. *see* Lohmann, A.W. 25651
Diba, S., Trzaska, H. Isotropic receive pattern of an optical electromagnetic field probe based upon Mach-Zehnder interferometer 33125
DiBattista, M. *see* Patel, S.V. 48707
Dibben, D.C., Metaxas, N. Frequency domain vs. time domain finite element methods for calculation of fields in multimode cavities 45334
Dibben, D.C., Metaxas, R. A comparison of the errors obtained with Whitney and linear edge elements 44880
Dibble, E. *see* Delisle, G. 238
Dibbo, A. Benchmarking [business marketing performance] 20755
DiBianca, F.A. *see* Giakos, G.C. 59471
Dibos, F. Projective invariant multiscale analysis 56941
DiCarlo, L.A. *see* Caswell, S.A. 28379
DiCarlo, L.A. *see* Morris, M.M. 37769
DiCarlo, L.A. *see* Shiu, J. 28386
DiCarolis, S. *see* Snyder, G.J. 23290
Dichen Liu *see* Liu Dichen
DiCioccio, L. *see* Dezauzier, C. 10706
Diciunas, V. *see* Raudys, S. 4911
Dick, C., Harris, F. Narrow-band FIR filtering with FPGAs using sigma-delta modulation encoding 31391
Dick, C., Harris, F. Polynomial transform based approach to computing 2-D DFTs using reconfigurable computers 45720
Dick, C.H. FPGA based systolic array architectures for computing the discrete Fourier transform 1438
Dick, C.H. Computing 2-D DFTs using FPGAs 15416
Dick, C.H., Harris, F. On the re-quantization of data to implement high-order narrow-band filters using reconfigurable logic 11580
Dick, C.H., Harris, F. FIR filtering with FPGAs using quadrature sigma-delta modulation encoding 11600
Dick, G.J., Santiago, D.G., Wang, R.T. Frequency stability of 1×10^{-13} in a compensated sapphire oscillator operating above 77 K 21538
Dick, G.J. *see* Santarelli, G. 27279
Dick, G.J. *see* Santiago, D.G. 11223
Dick, H. *see* Eggers, H. 11432
Dick, H. *see* Lysaght, P. 11315
Dick, S. Semiconductor lasers 14174
Dicken, H., Koch, M., Tavangarian, D. The hypermedia VHDL learning system–description and first experiences 9869
Dicken, H.D. *see* Hartmann, G.K. 8419
Dicken, L.W., Jenkins, K. A pulse code modulated flight termination receiver 18998
Dickens, B. *see* Giacometti, J.A. 2882
Dickens, J.C., Bridges, J., Kristiansen, M. Compact modulator using inductive energy storage and a solid state opening switch 51254
Dickens, J.C., Elliott, J., Hatfield, L.L., Kristiansen, M., Krompholz, H. Breakdown at window interfaces caused by high power microwave fields 54887

Dickens, T.A., Winbow, G.A. Spatial resolution of diffraction tomography 38036
Dickerson, G. *see* DeLurgio, S.A., Sr. 10196
Dickerson, M. *see* Tang, T.K. 59882
Dickerson, S., Lasky, R., Zarrow, P. The assembly line in the new millennium 22051
Dickerson, S. *see* Volcy, J. 35014
Dickerson, S. *see* Volcy, J. 35139
Dickey, C.E. 150 MHz AGC with 60 dB input range 31344
Dickey, E. *see* Sey-Shing Sun 55438
Dickey, F.M., Holswade, S.C. Gaussian laser beam profile shaping 14244
Dickey, F.M. *see* Holswade, S.C. 44620
Dickhaus, H., Heinrich, H. Wavelet networks–a new tool for discrimination of EPs in a clinical study 59596
Dickin, F.J. *see* Pinheiro, P.A.T. 46241
Dickinson, B. *see* Tao, B. 46048
Dickinson, B. *see* Tao, B. 57357
Dickinson, G.J., Maddocks, I. Exploring high power material processing applications with copper vapour lasers 173
Dickinson, M. *see* Oks, E. 22123
Dickinson, M.R., Gloster, L.A.W., Hopps, N.W., King, T.A. Continuous-wave diode-pumped Yb^{3+}:S-FAP laser 3738
Dickinson, M.R. *see* Anders, A. 29411
Dickinson, P.G. *see* Acarnley, P.P. 29771
Dickinson, P.G. *see* Acarnley, P.P. 51822
Dickinson, R.M. Issues in microwave power systems engineering 19268
Dickinson, S.J., Metaxas, D., Pentland, A. The role of model-based segmentation in the recovery of volumetric parts from range data 46313
Dickmann, K., Jersck, J., Demming, F., Hildenhagen, J. Building nanostructures the laser way 24308
Dickmann, K. *see* Jersch, J. 32306
Dickmann, K. *see* Jersch, J. 32573
Dickmann, K. *see* Kortov, V.S. 37909
Dickmann, M. *see* Alekseev, E. 41438
Dickmann, S. *see* Eschler, J. 33150
Dickmanns, D. *see* Werner, S. 18647
Dickmanns, E.-D. *see* Werner, S. 18647
Dicks, A.L. Hydrogen generation from natural gas for the fuel cell systems of tomorrow 19992
Dicks, G., Bedford, F., Engelstad, R., Cerrina, F. X-ray mask temperature distribution and magnification control 42888
Dickschas, A., Schadel, H., Weber, P., Zeiner, H. CT angiography of extracranial cerebral vessels 49458
Dickson, G.J. *see* Monro, D.M. 57300
Dickson, L. *see* Burney, M. 14436
Dickson, M., Qian, F., Hopwood, J. Quenching of electron temperature and electron density in ionized physical vapor deposition 30916
Dickson, N. *see* Garyet, T.C. 370
Dickson, N. *see* Voldman, S.H. 31278
Dickson, S., Thomas, B.T., Mackeown, W.J.P., Goddard, P. Computer vision applied to the detection and localisation of acoustic neuromas from head MR images 7899
DiClementi, D.A., Standeven, D.L. Electrical distribution system power line characterization 50532
DiCocco, G. *see* Chirco, P. 37316
Dicquemare, P. New test equipment to implement valve predictive maintenance [for nuclear power plants] 9024
Didascalon, D. *see* Torrance, J.M. 47827
Diddams, S., Atherton, B., Diels, J.C. Frequency locking and unlocking in a femtosecond ring laser with application to intracavity phase measurements 13982
Diddams, S. *see* Atherton, B. 4177
Diddams, S. *see* Prein, S. 17829
Didde, L.S. *see* Haifeng Li 47498
Didelet, E. *see* Leray, P. 16179
Didelet, E. *see* Leray, P. 57761
Didenko, L., Melngailis, J., Loschner, I., Stengl, G., Chalupka, A., Shimkunas, A. Analysis of stencil mask distortion in ion projection lithography 42869
Didenko, L. *see* Riordon, J. 22712
Didenko, P.I. *see* Gorban, A.P. 42330
Didenko, V. Utilization of the method of inversion by commutation for ADC error correction 11516
DiDio, M. *see* Cingolani, R. 33547
Didkovskii, L.V., Borzyak, P.I., Dolgushin, A.I., Elizarov, A.I., Sirant, V.S., Steshenko, N.V., Sychev, V.V. Microdisplacement actuators for the adaptive telescope: piezoelectric or magnetostrictive? 43590
DiDonna, B. *see* Buchman, S. 7545
Diebold, A. *see* Hockett, R.S. 48283
Diebold, A.C. *see* Lindley, P.M. 43177
Diechi Sun *see* Jianyao Wu 44697
Dieci, L., Russell, R.D., Van Vleck, E.S. On the computation of Lyapunov exponents for continuous dynamical systems 40131
Dieckmann, M. *see* Grilli, M.L. 3937
Dieckmann, N. *see* Scharnweber, R. 58709
Diedrickson, N., Rullman, G., Anderson, L. An autonomous system for mitigating Earth radiance errors 49934
Diefenderfer, D.F. *see* Mendelson, R. 13060
Dieffenbach, J.R. *see* Adams, B.B. 1884
Dieffenbach, O.W. *see* Hvizd, J.J. 18645
Diegert, C. *see* Sackos, J. 6970
Diegert, C. *see* Sackos, J. 58994
Diego, J.M.de *see* de Diego, J.M.
Dieguez, E. *see* Bermudez, V. 32658
Dieguez, E. *see* Cabrera, J.M. 13527
Dieguez, E. *see* Martinez-Lopez, J. 10595
Dieguez, E. *see* Pal, U. 31825
Dieguez, E. *see* Panin, G. 30772
Dieguez, E. *see* Panin, G. 31824
Dieguez, E. *see* Piqueras, J. 41989
Dieguez, E. *see* Sochinskii, N.V. 30823
Dieguez, E. *see* Sochinskii, N.V. 40389
Dieguez, I. *see* Bozzolo, N. 40604
Diehl, F. *see* Bauer, S. 9549
Diehl, R., Wheatley, D.M., Castner, T.G. The electromagnetic modes of a helical resonator 1688
Diehl, S. Data's new voice 6095
Dieker, C. *see* Hartmann, A. 790
Dieker, C. *see* Hartmann, A. 40485
Dieker, C. *see* Souifi, A. 2174
Diekert, V., Muscholl, A. Code problems on traces 14821
Diels, J.-C. *see* Atherton, B. 4177
Diels, J.-C. *see* Prein, S. 17829
Diels, J.C. *see* Diddams, S. 13982
Diem, B. *see* Ciancetta, C. 47283
Diemeer, M. *see* Horsthuis, W. 26453
Diemeer, M. *see* Jager, M. 24075
Diemeer, M.B.J. *see* Spiekman, L.H. 26927
Diemling, M. *see* Moser, E. 37621
Diemoz, M. *see* Baccaro, S. 37459
Diener, D. Geometry dependence of the dimension of spaces of piecewise polynomials on rectilinear partitions 10464
Diener, G. *see* Hesse, J.J. 55113
Diener, W. *see* Tjoelker, R.L. 27324
Dienes, A. *see* Hong, M.Y. 55716
Dienot, J.M. *see* Plana, R. 53566
Diep, T. *see* Henry, L.G. 24345
Diep, T. *see* Kelly, M. 32539
Diercks, A., Stubbs, C., Hogan, C., Adelberger, E. A 71 megapixel mosaic camera for weak lensing at APO 17518
Diercks, D.R., Muscara, J., Shack, W.J. Steam generator tube integrity program 9070
Dierckx, B., Klingele, H., Van der Auweraer, H., Leuridan, J. Holography as a quantitative modal testing technique applied to a brake drum in view of correlation with FE data 48941
Dieren, E.B.van *see* van Dieren, E.B.
Dierickx, B. *see* Sandini, G. 26072
Dierickx, B. *see* Scheffer, D. 37888
Dierker, J. *see* Klein, R. 59848
Dierkes, S. Load balancing with a fuzzy-decision algorithm 30450
Dierking, W., Carlstrom, A., Ulander, L.M.H. The effect of inhomogeneous roughness on radar backscattering from slightly deformed sea ice 28652
Dierrich, P., Rao, R.R. Request resubmission in a blocking, circuit-switched, interconnection network 16022
Diesner, K. *see* Ellmer, K. 10916
Diesner, K. *see* Matthaus, A. 54128
Diesperov, K.V., Dmitriev, V.G., Kazakov, A.A. Specific features of second-harmonic generation in biaxial nonlinear-optical crystals 14391
Diessel, A. *see* Gutowski, J. 23917
Diessel, E. *see* Marchesi, B. 28277
Diest, M.van *see* van Diest, M.
Diestelhorst, M., Kapsch, P.-P., Beige, H. Amplification of small signals caused by nonlinear properties of ferroelectrics 43491
Diestelhorst, M. *see* Blochwitz, S. 13256
Diet, S. *see* Obermann, K. 48021
Dieterich, H. *see* Bossert, M. 14849
Dietermann, A., Kiwitt, J., Reiss, K. Line-to-line scattering–a time domain approach 34134
Dietermann, A., Kiwitt, J., Wojcikowski, M., Reiss, K. Iterative MoM solution for interconnection line interaction 39809
Dietl, P. Refining and smelting of precious metals from printed circuit boards. III. Electronic component retrieval from unusable circuit board assemblies 41683
Dietl, T., Jaroszynski, J., Grabecki, G., Wrobel, J., Sawicki, M., Skoskiewicz, T., Kaminska, E., Piotrowska, A., Karczewski, G., Wojtowicz, T., Kossut, J. Universal conductance fluctuations in submicron wires of $Cd_{1-x}Mn_xTe$ 2203
Dietl, T. *see* Brunthaler, G. 2204
Dietl, T. *see* Grabecki, G. 12416
Dietl, T. *see* Grabecki, G. 42234
Dietl, T. *see* Jaroszynski, J. 12438
Dietl, T. *see* Sawicki, M. 12434
Dietrich, B. *see* Aldabergenova, S.B. 10910
Dietrich, B. *see* Osten, H.J. 22280
Dietrich, B. *see* Zacharias, M. 41822
Dietrich, F. *see* Uhlig, A. 17562
Dietrich, H. *see* Schuppen, A. 26555
Dietrich, H.B. *see* Binari, S.C. 31507
Dietrich, H.B. *see* Rao, M.V. 22756
Dietrich, H.B. *see* Tonucci, R.J. 32327
Dietrich, L. *see* Jung, E. 22094
Dietrich, L. *see* Topper, M. 53855
Dietrich, M. *see* Lee, D.H. 40538
Dietrich, R. *see* Boldt, P. 24182
Dietrich, T., Lott, J., Schmid, M. Double layer electrolytic capacitors up to 1500 Farads offer high energy and power density 38939
Dietrich, T., Schlesser, R., Erler, B., Kuendig, A., Sitar, Z., Guenter, P. Epitaxial growth of nonlinear optical 4'-nitrobenzylidene–3-acetamino–4-methoxy-aniline thin films on ethylenediammonium terephthalate single crystals 40416
Dietrich, W.F. *see* Tylka, A.J. 28557
Diette, F. *see* Fourre, H. 2368
Diette, F. *see* Langrez, D. 53593
Dietz, A. *see* Weber, A. 54494
Dietz, D.R., Fife, M.J., Busse, L.J., Azim, S., Oakley, C.G., Glenn, W.M., Jr. Laparoscopic ultrasound for minimally invasive surgery 28199
Dietz, D.R. *see* Pazol, B.G. 18368
Dietz, G., Balkowski, I. Interferometry and reconstruction of strongly refracting fields in two-dimensional boundary layer flow 59090
Dietz, G. *see* Mondal, J. 41492
Dietz, K.H., Cox, G.S., Wilson, W.L. The challenge of assuring conductive continuity in high aspect ratio, small diameter vias 1814
Dietz, K.H., Suess, T.R., Wu, S.-K. Wet lamination of dry film photoresist: higher yields worth added investment and effort 41639
Dietz, K.H. *see* Conaghan, B.F. 52253
Dietz, K.H. *see* McGregor, D.R. 11902
Dietz, K.L. *see* Ramsey, B.D. 37286
Dietz, N. *see* Bachmann, K.J. 52620
Dietz, N. *see* Banks, H.T. 52770
Dietz, N. *see* Maeda, J. 55475
Dietz, N. *see* Rossow, U. 52623
Dietz, N.A. *see* Bachmann, K.J. 52693
Dietz, R., Peck, D., Robinson, P. Design of a high thermally conductive thermoplastic adhesive paste 52267
Dietz, R. *see* Voss, A. 49596
Dietz, R. *see* Wessel, N. 49598
Dietz, R.L., Peck, D., Robinson, P. High thermal conductivity in organic adhesives 10160
Dietzsch, C. *see* Hesse, E. 7779
Dietzsch, O. *see* Salem-Vasconcelos, S. 7773
Dieumegard, D., Tonnerre, J.C., Brion, D., Shroff, A.M. Life test performance of thermionic cathodes 53928
Diez, A., Gimeno, B., Soret, J., Navasquillo, J. Experimental study of TE- and TM-scattering of an electromagnetic beam by a metal-strip grating: Non-geometrical effects 36871
Diez, A. *see* Cruz, J.L. 33028
Diez, F.J. Local conditioning in Bayesian networks 34489
Diez, S., Ludwig, R., Patzak, E., Weber, H.G., Eisenstein, G., Schimpe, R. Four-wave mixing in semiconductor laser amplifiers: phase matching in configurations with three input waves 33516
Diez, S. *see* Ding, Y. 3862
Diez, S. *see* Obermann, K. 14187
Diez, S. *see* Obermann, K. 33544
Diez, S. *see* Pogany, P. 55659
Diez Carrera, C., Escalada Sardina, G. Voice facilities for information management 56371
Difilippo, F.C., Renier, J.P., Worley, B.A. Thermalization of neutrons in graphite: status and error analysis 19486
DiFilippo, V., Saigal, A., Zimmerman, M.A. High temperature creep properties of liquid crystal polymers 10095
diForte-Poisson, M.-A. *see* Henkel, A. 41468
diForte-Poisson, M.A. *see* Blanck, H. 53667
DiFronzo, C.M. Selecting vertical radiation patterns for directional base-station antennas 14738
Digby, J.W. *see* Collins, C.E. 53635
Digele, G. *see* Dudek, V. 2668
Diggavi, S. *see* Chaddha, N. 57101
Diggavi, S.N., Paulraj, A. Signal detection for time-varying vector channels 4802
Digges, T.G., Jr. *see* Farmer, K.R. 27590
Diggins, J. *see* Ralph, J.F. 13511
Diggins, J. *see* Whiteman, R. 32932
DiGiovanni, D. *see* Wysocki, P.F. 3728
DiGiovanni, D.J. *see* Hansen, P.B. 26730
DiGiovanni, D.J. *see* Hansen, P.B. 26879
Dignan, M. *see* Coutu, G. 4875
Digonnet, M.J.F. A Kramers-Kronig analysis of the absorption change in fiber gratings 23475
Digonnet, M.J.F., Sadowski, R.W., Shaw, H.J., Pantell, R.H. Contribution of UV transitions to the strong third-order nonlinearity of doped fibers 24086
Digonnet, M.J.F., Sadowski, R.W., Shaw, H.J., Pantell, R.H. Experimental evidence for strong UV transition contribution in the resonant nonlinearity of doped fibers 33017
Digonnet, M.J.F., Sadowski, R.W., Shaw, H.J., Pantell, R.H. Resonantly enhanced nonlinearity in doped fibers for low-power all-optical switching: a review 33040
Digonnet, M.J.F. *see* Arbore, M.A. 17410
Digonnet, M.J.F. *see* Falquier, D.G. 13591
Digonnet, M.J.F. *see* Falquier, D.G. 23780
Digonnet, M.J.F. *see* Falquier, D.G. 33021
Digonnet, M.J.F. *see* Liu, A.C. 23528
Diguang Long *see* Long Diguang
Diguet, J.P. *see* Sentieys, O. 31294
Diguet, J.Ph. *see* Sentieys, O. 11250
Diguez, E. *see* Bermudez, V. 43485
Digumarthi, R. *see* Eggers, A.J., Jr. 19655
Dihidar, K. *see* Khan, A.R. 46379
Dihrkop, J. QML: the future of military printed board acquisition reform 18979
Dihu Chen *see* Chen Dihu

Dijaili, S. *see* Hong, M.Y. 55716
DiJaili, S.P. *see* De Groot, A.J. 55357
Dijaili, S.P. *see* Walker, J.D. 47981
Dijck, H.Van *see* Van Dijck, H.
Dijin Gong, Gen, M., Yamazaki, G., Weixuan Xu Lagrangian ANN for convex programming with linear constraints 30532
Dijk, A.M.van *see* van Dijk, A.M.
Dijk, G.J.A.van *see* van Dijk, G.J.A.
Dijk, H.E. *see* Frenken, R.M.L. 19533
Dijk, J.D.P.van *see* van Dijk, J.D.P.
Dijk, K.van *see* van Dijk, K.
Dijk, M.Van *see* Van Dijk, M.
Dijk, N.M.van *see* van Dijk, N.M.
Dijk, P.van *see* van Dijk, P.
Dijk, W.A., den Heijer, P., Visscher, K.J., Haagen, F.D.M., Festen, M.J.J., Kolkman, W.J.M., van der Velde, W., Dassen, W.R.M., Crijns, H.J.G.M. Evaluation of a DICOM-3 link between a referring and a university hospital 49838
Dijk, W.A. *see* Dassen, W.R.M. 49642
Dijk, W.A. *see* Haaksma, J. 37772
Dijkhuis, J.I. *see* Fokker, P.A. 44408
Dijkkamp, D. *see* Scholtz, J.J. 53950
Dijkmans, E.C. *see* van der Zwan, E.J. 11538
Dijkstra, E. *see* von Kaenel, V. 1547
Dijkstra, J.E., Wenckebach, W.Th. Hole transport in strained Si 31945
Dijkstra, S.J., Mayer, L.A. Lassoo!: an interactive graphical tool for seafloor classification 50001
Dijkstra, T. *see* Wittenburg, P. 15026
Dijs, H. *see* Verheyen, G. 28330
Dik, E. *see* Kortov, V.S. 37909
Dikansky, N.S. *see* Abalin, S.S. 9042
Dikansky, N.S. *see* Aleksandrov, A.V. 49205
Dikarev, B. *see* Artana, G. 23230
Dikarev, B.N. *see* Karasev, G.G. 43432
Dikarev, B.N. *see* Romanets, R.G. 23099
Dike, S.B. *see* Palasciano, J.D. 48397
Dikij, S.P. *see* Starodub, N.F. 27703
Dikova, J. *see* Starbova, K. 30908
Diks, K. *see* Berman, P. 35685
DiLaura, D.L. Nondiffuse radiative transfer. II. Planar area sources and receivers 39419
Dilbaghi, B. *see* Frair, L. 20554
Dilcher, K. *see* Crandall, R. 40081
Diletti, H. Plasma drilled high density PWB and MCM substrate applications 11957
Dilewijns, J. *see* de Paepe, A. 23328
Dilewijns, J. *see* Eloot, K. 3231
Dilger, M., Eberl, K., Haug, R.J., von Klitzing, K. Self-organized growth of quantum dot-tunnel barrier systems 40436
Dilger, M., Haug, R.J., Eberl, K., von Klitzing, K. Single-electron transistors with a self-assembled quantum dot 2733
Dilger, M. *see* Haug, R.J. 13040
Dilger, R., Nelles, D. Improvement of network damping and transient stability by active and reactive power control 60352
Dilhac, J.-M. *see* Furio, C. 40904
Dilhaire, S. *see* Phan, T. 32235
Dilhaire, S. *see* Phan, T. 43195
Dilhaire, S. *see* Quintard, V. 30192
Dili Zhang *see* Jun Yang 15456
Diligenti, A., Nannini, A., Pennelli, G., Pieri, F., Pellegrini, V., Fuso, F., Allegrini, M. Current-voltage characteristics of porous-silicon structures 42343
Diligenti, A. *see* Bruschi, P. 58891
Dilimann, R. *see* Appenzeller, G. 35215
Dilimot, G. *see* Badila, M. 43252
Dilimot, G. *see* Brezeanu, G. 42937
Dill, D.L. *see* Chakraborty, S. 53233
Dill, D.L. *see* Chakraborty, S. 53234
Dilla, S. *see* Jefferts, S.R. 27940
Dilla, S. *see* Jefferts, S.R. 36106
Dilla, S. *see* Weiss, M.A. 26798
Dillaman, B.L. *see* Wentworth, S.M. 41386
Dillard, G.M., Summers, B.F. Mean-level detection in the frequency domain 6871
Diller, K.R. *see* Capelli-Schellpfeffer, M. 39682
Diller, R. *see* Smolders, J. 61310
Dillery, D.D., Beardsley, C.L. The Joint STARS OK-627/ARY-3 UHF radio control group– evolution of a state of the art airborne cosite communications system 60142
Dilley, J. Experiences with the OSF distributed computing environment 6078
Dilley, N.R. *see* Crabtree, G.W. 55087
Dillion, J. Prototyping of multichip modules: theory, services, and assessment 31660
Dillistone, M.J. *see* Randall, M.A. 19488
Dillman, N.G. *see* Mersman, C.R. 20167
Dillmann, R. *see* Weckesser, P. 27470
Dillmann, R. *see* Weckesser, P. 36500
Dillner, L. *see* Kollberg, E.L. 11709
Dillon, B.M., Gibson, A.A.P., Sheikh, S.I. Improved approximation for effective permeability in microwave ferrites 11687
Dillon, B.M. *see* Gibson, A.A.P. 55067
Dillon, J. *see* Nimmagadda, S. 40774
Dillon, R. *see* Licht, S. 60985
Dillon, S. *see* Alper, B. 37569
Dillon, T.S. *see* Hanish, A.A. 46786
Dillon, T.S. *see* Jirachiefpattana, A. 47169
Dillon, T.S. *see* Nuansri, N. 46945
Dillon, W.E. *see* Gordon, L.B. 51082
Dilmanian, F.A. *see* Yuasa, T. 37671
Dilsizian, V. *see* Buvat, I. 7938
Dilsizian, V. *see* Freedman, N.M.T. 7913
Dilworth, D. *see* Leith, E. 4119
Dima, G., Govoreanu, B., Mouthaan, T., Profirescu, M.D. Numerical analysis of integrated bipolar magnetotransistors 42959
Dima, M. *see* Abe, K. 37234
Dima, R. *see* Marinescu, L. 49280
Dimaio, S.P. *see* Langman, A. 8356
Dimakis, C.E., Kladopoulos, K. A., Nissopoulos, I.K. Concatenated coding schemes incorporating trellis differentially coded modulation over Rayleigh fading channels 26621
Dimakopoulos, V.V. *see* Sivakumar, R. 6187
Dimaksyan, M.L. *see* Arutyunyan, V.M. 51567
Dimalanta, A.S. *see* Augusteijn, M.F. 18293
Dimanici, G. *see* Dezza, F.C. 60923
DiMarco, L. *see* LaComb, R. 33508
Dimarco, R. *see* Harriott, L.R. 22700
Dimarcq, N. *see* Aucouturier, E. 27369
Dimarcq, N. *see* Bahoura, M. 24022
Dimarcq, N. *see* Bahoura, M. 24115
Dimarcq, N. *see* Dudle, G. 48308
Dimarcq, N. *see* Selo, G. 48322
Dimareq, N. *see* Laurent, P. 27221
DiMaria, D.J. Dependence on gate work function of oxide charging, defect generation, and hole currents in metal-oxide-semiconductor structures 43001
DiMarzio, C. *see* Eracar, Y. 16969
DiMassimo, D. *see* Bellwied, R. 59284
DiMassimo, D. *see* Pandey, S.U. 37293
Dimatos, A. *see* Konstantoulakis, G.E. 6271
DiMattia, P. *see* Gips, J. 8167
Dimbylow, P.J. *see* Jin, J.M. 18326
Dimc, F. *see* Burkhardt, C. 3054
Dimca, A. *see* Popescu, D.C. 35291
Dimenna, C. *see* Di Mauro, G. 19315
DiMercurio, J. *see* Ghoshroy, S. 7673
Dimes, D. *see* Potter, B.G., Jr. 48969
Dimes, D. *see* Warren, W.L. 43498
Dimic, V. *see* Stefanovic, D. 40667
Dimitrakopoulos, G.A., Hatziaslanis, A.C., Capsalis, C.N. Study of statistical behaviour of RMS-delay spread in indoor environment 26493
Dimitriadis, A. *see* Stalidis, G. 37737
Dimitriadis, C.A., Brini, J., Kamarinos, G. Low-frequency noise of the leakage current in undoped low-pressure chemical vapor deposited polycrystalline silicon thin-film transistors 32404
Dimitriadis, C.A. *see* Gaiseanu, F. 42420
Dimitriadis, E.I., Girginoudi, D., Georgoulas, N., Thanailakis, A. New high-speed a-Si/c-Si- and a-SiC/c-Si-based switches 44233
Dimitriev, S. *see* Udem, T. 27341
Dimitrijev, S., Hui-Feng Li, Harrison, H.B., Sweatman, D. Nitridation of silicon-dioxide films grown on 6H silicon carbide 54410
Dimitrijev, S., Tanner, P., Harrison, H.B., Sweatman, D. Nitrided gate dielectrics and charge-to-breakdown test 22916
Dimitrijev, S. *see* Hui-Feng Li 42333
Dimitrijev, S. *see* Tanner, P.G. 22917
Dimitrijevic, B. *see* Nikolic, Z. 47563
Dimitrijevic, B. *see* Pavlovic, V. 60124
Dimitrijevic, R.M. *see* Nikolajevic, S.V. 19357
Dimitrijevic, R.M. *see* Nikolajevic, S.V. 50585
Dimitriou, N. *see* Paliatsos, A. 26620
Dimitriu, E. *see* Tanasoiu, C. 43646
Dimitrov, K.D. *see* Astadjov, D.N. 23748
Dimitrov, K.D. *see* Astadjov, D.N. 55503
Dimitrov, R. *see* Ambacher, O. 10776
Dimitrov, R. *see* Ambacher, O. 21282
Dimitrov, R. *see* Ambacher, O. 40451
Dimitrov, R. *see* Ambacher, O. 41956
Dimitrov, R. *see* Kelly, M.K. 41955
Dimitrov, S.D., Kamenski, D.I. Overall stability constants: estimation by non-linear least squares methods 40160
Dimitrov, V., Sadeghi-Emamchaie, S., Jullien, G.A., Miller, W.C. A near canonic double-based number system (DBNS) with applications in digital signal processing 24885
Dimitrov, V.S., Dakova, D.Y., Uzunov, I.M. On the description of interaction in sequences of unequal soliton-like pulses 14321
Dimitrova, N., Abdel-Mottaleb, M. Content-based video retrieval by example video clip 57337
Dimitrova, N. *see* Dutta, S. 15516
Dimitrova, T. *see* Chakravarthy, S. 39987
Dimitrova, T. *see* Spassova, E. 23097
Dimmer, C., Gregoire, J.-M., Tavernier, R., Jordaens, L. Autonomic tone assessed by heart rate variability in uncomplicated coronary artery disease 28382
Dimmick, T.E., Weidner, J. Simple, inexpensive wavemeter implemented with a fused fiber coupler 59051
Dimmler, B., Gross, E., Menner, R., Powalla, M., Hariskos, D., Ruckh, M., Ruhle, U., Schock, H.W. Thin film solar modules based on CIS prepared by the co-evaporation method 39056
Dimmler, B., Schock, H.W. Scaling-up of CIS technology for thin-film solar modules 51561
Dimmler, B. *see* Ruckh, M. 39071
Dimmler, M., Dayer, C. Optical encoders for small drives 19782
Dimmler, W.M., Baugh, S., Schneeberger, T.J. High fidelity integrated active tracking and pointing simulations 38175
Dimmock, J.O. *see* Banerjee, P.P. 24090
Dimolitsas, S. *see* Campos Neto, S.F. 16469
Dimond, K. An automatic technique for realising user interaction processing in PLD based systems 11306
Dimopoulos, N.J. *see* Sivakumar, R. 6187
Dimos, D. *see* Al-Shareef, H.N. 41542
Dimoulaas, A. *see* Shen Wenzhong 32455
Dimova, E. *see* Blagoev, K.B. 3691
Dimova, T.V. *see* Achasov, M.N. 37251
Dimova, T.V. *see* Bukin, D.A. 37489
Dimova-Malinovska, D. *see* Tzenov, N. 12665
Dimsdale, J. *see* Ancoli-Israel, S. 59378
Dimza, V. *see* Sternberg, A. 43503
Din, A.S.Zein El *see* Zein El Din, A.S.
Din Ping Tsai, Wen Kai Li Study of near-field propagating mode profiles and waveguide structures of optical fibers 55230
Din Yaogen *see* Luo Jirun 53559
Dinan, J.H., Benson, J.D., Cornfeld, A.B., Martinka, M., Johnson, J.N., Bratton, J., Taylor, P., Johs, B., He, P., Pittal, S., Woollam, J.A. The NVESD microfactory: a new approach to infrared focal plane array manufacturing [HgCdTe] 36671
Dinan, J.H. *see* Benson, J.D. 710
Dinan, J.H. *see* Benson, J.D. 21287
Dinan, J.H. *see* Dhar, N.K. 40418
Dinan, J.H. *see* Gray, A. 729
Dinand, M. *see* Baumann, I. 44059
DiNapoli, M.T. An integrated material handling solution for the flat panel display industry 17681
DiNatale, C. *see* Holmberg, M. 36784
DiNatale, W.F. *see* McIntosh, A. 14710
Dinc, G. *see* Cavdar, I.H. 4258
Dinca, A., Trifan, M.E., Lupei, V., Skettrup, T., Dinca, M.P. Dichroic mirror for diode pumped YAG:Nd laser 3935
Dinca, M.P. On the estimating of power spectral density of fractional frequency fluctuations from the sampled phase deviations 25012
Dinca, M.P. *see* Dinca, A. 3935
Dinca-Panaitescu, S. *see* Negoescu, R. 59664
Dincer, I. Energy and GDP analysis of OECD countries 50390
Dincer, M.S. *see* Nguyen, T.D. 43460
Dinda, P.T. *see* Seve, E. 13571
Dinda, P.Tchofo *see* Tchofo Dinda, P.
Dineen, C. *see* Harrison, M.R. 19366
Dinehart, M.R. *see* Olsen, D.K. 49153
Dines, J.A.B. Smart pixel optoelectronic receiver based on a charge sensitive amplifier design 3664
Dines, J.A.B. *see* Desmulliez, M.P.Y. 13754
Dines, J.A.B. *see* Williams, R. 33180
Dinescu, G. *see* Ferrari, A. 42504
Dinescu, M., Verardi, P. ZnO thin film deposition by laser ablation of Zn target in oxygen reactive atmosphere 904
Dinescu, M. *see* De Cesare, G. 832
Dinescu, M. *see* Ferrari, A. 42504
Dinescu, M. *see* Verardi, P. 40626
Dinesh, B.V. *see* Fields, D.E. 59301
Dinesh, B.V. *see* Lee, D.M. 59268
Dinesh, M.S., Bhanuprakash, Ashok Rao Vision system for bone measurement from digital hand radiograph 18245
DiNetta, L.C. *see* Hannon, M.H. 37983
DiNetta, L.C. *see* Shellenbarger, Z.A. 39226
DiNetta, L.C. *see* Shreve, K.P. 39030
Dinev, D. Magnet sorting algorithms 37037
Dinev, S. *see* Dreischub, A. 33718
Dinev, S. *see* Dreischuh, A. 7621
Ding, C. Blum-Blum-Shub generator 56288
Ding, C. *see* Renvall, A. 24764
Ding, C. *see* Renvall, A. 24765
Ding, C. *see* Wu, Q. 41121
Ding, D.S. *see* Sun, L. 10847
Ding, G. *see* Kelly, K.L. 4275
Ding, H., Chan, K.T. Solving planar dielectric waveguide equations by counting the number of guided modes 24535
Ding, H.Y., Yung, E.K.N., Chen, W.D. Application of the field-component FDM in CAA of waveguide three-port junctions 41405
Ding, H.Y. *see* Chen, W.D. 47573
Ding, H.Y. *see* Chen, W.D. 47574
Ding, J., Smith, P.A.I., McCormick, P.G., Street, R. Magnetisation processes and magnetic viscosity of mechanically alloyed $SmCo_5$ 13465
Ding, J. *see* Bhandarkar, D. 31306
Ding, J. *see* McCormick, P.G. 3099
Ding, K. *see* Zhang, X. 12584
Ding, W.P. *see* Guo, Z.B. 32781
Ding, X., Guo, L. Time domain optimization of fault detection systems 30402
Ding, X. *see* Zhang, Y. 9299
Ding, X.M. *see* Xu, Q.J. 2391
Ding, Y., Eichler, H.J., Zhang, Z.G., Fu, P.M., Shen, D.Z., Ma, X.Y., Chen, J.Y. Near-infrared performance of photorefractive nickel-doped $KNbO_3$ crystals 14312
Ding, Y., Pogany, P., Spenger, M., Eichler, H.J., Diez, S., Ludwig, R., Weber, H.G. Beam combination of parallel semiconductor laser amplifiers by photorefractive coupling 3862
Ding, Y. *see* Juodkazis, S. 24106
Ding, Y. *see* Pogany, P. 55659
Ding, Y.J., Khurgin, J.B. Efficient backward second-harmonic generation in quasi-phase-matched second-order nonlinear medium: a novel configuration 4002

Ding, Y.J., Khurgin, J.B. Optical parametric oscillators without any cavity in novel configurations 55870
Ding, Y.J., Khurgin, J.B., Seung-Joon Lee Optical phase conjugation and waveguide coupling by cascading transverse second-harmonic and difference-frequency generation in a vertical cavity 3997
Ding, Y.J. *see* Veliadis, J.V.D. 23991
Ding, Z., Hong, L. An interacting multiple model algorithm with a switching Markov chain 48677
Ding, Z. *see* Johnson, C.R., Jr. 6488
Ding, Z.S., Alliez, J., Boned, C., Xans, P. Automation of an ultrasound velocity measurement system in high-pressure liquids 36415
Ding Bao Yan *see* Jiang Ke 56808
Ding Chih-Shun *see* Chih-Shun Ding
Ding Daoqi Chinese power system telecommunications towards the 21st Century 50344
Ding Gang, Huang Guijin, Huang Zailu The realization of TCAP in No. 7 signalling system 57725
Ding Guangyu *see* Feng Shiwei 52251
Ding Guifu, Zhang Shoubai, Xu Dong, Zhou Di, Yang Chungsen, Shen Tianhui The porous properties of positive plates for lead crystal batteries 51460
Ding Guo-Ping *see* Wang Ya-Hui 53052
Ding Hao *see* Hao Ding
Ding Hong *see* Shi Yaowu 15312
Ding Hong-Zhi, Xing Xiu-San Non-equilibrium statistical theory of water treeing in polymeric cable insulators 2886
Ding Jianping *see* Jianping Ding
Ding Jianxun Jason *see* Jianxun Jason Ding
Ding Kung-Hau *see* Kung-Hau Ding
Ding Lei *see* Lei Ding
Ding Li *see* Dae-Gyu Park 32392
Ding Li *see* Wang Haihong 823
Ding Li-Jian *see* Chi Xiao-Chun 19813
Ding Li-Jian *see* Yang Jia-Xiang 13291
Ding Li-Jian *see* Yang Jia-Xiang 14510
Ding Ming *see* Ming Ding
Ding Ming-Yue *see* Xiong Yan 57191
Ding Mingyue *see* Xiong Yan 57332
Ding Mingzhou *see* Mingzhou Ding
Ding Pei-Jun *see* Pei-Jun Ding
Ding Rong *see* Rong Ding
Ding Ruijun *see* Wang Shanli 10788
Ding Sheng He *see* Hynynen, K. 28423
Ding Tianhuai, Fu Shangxin, Hou Rushun, Zhao Xiaoming Features and a zero-drift compensation method of rotor bow signals 29236
Ding Tiong Jiu *see* Tiong Jiu Ding
Ding Wang, Golovchenko, E.A., Pilipetskii, A.N., Menyuk, C.R., Arend, M.F. Nonlinear optical loop mirror based on standard communication fiber 55813
Ding Wang, Tang-Go Cheng Holographic three-beam interferometer 44818
Ding Wang *see* Wang Ding
Ding Wei *see* Zhao Junwei 58492
Ding Wei *see* Wei Ding
Ding Weiping *see* Weiping Ding
Ding Wu *see* Gandhi, O.P. 49824
Ding Wu *see* Wu Ding
Ding Xiaoqing *see* Shu Qingming 15655
Ding Xie Ping *see* Xie Ping Ding
Ding Xihong *see* Zhou Li 52851
Ding Xin-Fang *see* Xin-Fang Ding
Ding Xinfang *see* Niu Mengnian 12964
Ding Xun-Min *see* Xun-Min Ding
Ding Yaogen, Peng Jun, Zhu Yunsu, Shi Shaoming, Zhao Jingiun, Jiang Zhenbo, Ying Xiuling, Bao Mingjiang Research progress on multi-beam klystron 53990
Ding Yinong *see* Yinong Ding
Ding Yumei, Gao Xiquan An algorithm for realizing narrow band lowpass digital FIR filters with linear phase 31390
Ding Yumei, Gao Xiquan, Yi Kechu A novel 3-D filter applied to Y-C separation in PAL TV signals 15919
Ding Zhao Ertan: pioneering cascading development in China [hydropower project] 38638
Ding Zhen *see* Zhen Ding
Ding Zhi *see* Zhi Ding
Ding Zhihua *see* Zhihua Ding
Ding-Lan Shen, Chih-Hung Wu, Shie-Jue Lee EXPIDER: an object-based expert system for VLSI channel routing 22909
Ding-Lan Shen, Chih-Hung Wu, Shie-Jue Lee EXPIDER: a channel routing expert for VLSI design 43196
Ding-Wei Huang *see* Jian-Jang Huang 54214
Ding-Wei Huang *see* Jian-Jang Huang 55732
Ding-Xuan Zhou Extendibility of rational matrices 40196
Ding-Yu Fei, Liu, D.D., Cai-Ting Fu, Makhoul, R.G., Fisher, M.R. Feasibility of angle independent Doppler color imaging for in vivo application: preliminary study on carotid arteries 49559
Ding-Yu Shen *see* Fei Lu 33077
Dinger, A. *see* Woggon, U. 32037
Dinges, R. Flexible system solutions in station control technology 9458
Dinggang Shen, Ip, H.H.S. A Hopfield neural network for adaptive image segmentation: an active surface paradigm 46222
Dinghua Bao, Haoshuang Gu, Anxiang Kuang Preparation and microstructure of ZnO thin films by sol-gel process 52751
Dinghua Bao *see* Bao Dinghua
Dinghua Shi *see* Shi Dinghua
Dingji Shi *see* Shi Dingji
Dingjia Xing *see* Jianping Fan 5506
Dingley, D.J. *see* Field, D.P. 12823
Dingman, S. The challenge of low cost ATM provision 26250
Dingquan Xiao *see* Jianguo Zhu 52816
Dingrong Shao *see* Shao Dingrong
Dingsan Gao *see* Ying Liu 14154
Dingsan Gao *see* Gao Dingsan
Dingwell, J.B., Davis, B.L., Frazier, D.M. Use of an instrumented treadmill for real-time gait symmetry evaluation and feedback in normal and trans-tibial amputee subjects 8140
Dingxing Wang *see* Xiaodong Fu 35516
Dingyu Liu *see* Liu Dingyu
Dingyuan Tang *see* Junhao Chu 1994
Dingyuan Tang *see* Tang Dingyuan
Dingzhong Wang *see* Wang Dingzhong
Dinh, A.P.N. *see* Ortiz, E.L. 30670
Dinh, C.T.Le *see* Le Dinh, C.T.
Dinh Cuong *see* Cuong Dinh
Dinh Tao Pham *see* Pham Dinh Tao
Dinh Tuan Pham Blind separation of instantaneous mixture of sources via an independent component analysis 4638
Dini, D.C. *see* de Araujo, M.T. 33659
Dini, G. *see* Bartoli, A. 16129
Dini, P. *see* v. Bochmann, G. 6398
Dinis, R., Montezuma, P., Gusmao, A. Performance evaluation of a power amplification technique for OFDM transmission 6514
Dinitz, Y., Nutov, Z. A 2-level cactus model for the system of minimum and minimum+1 edge-cuts in a graph and its incremental maintenance 30487
Diniz, J.A., Tatsch, P.J., Kretly, L.C., Queiroz, J.E.C., Godoy Fo, J. Formation of ultra-thin silicon oxynitride films by low-energy nitrogen implantation 12776
Diniz, P.S.R. *see* Cousseau, J.E. 53431
Diniz, P.S.R. *see* Rodrigues, M.A.M. 25533
Diniz, P.S.R. *see* Roitman, M. 8753
Dinndorf, K.M. *see* Mandeville, W.J. 6983
Dinnis, A.R. EBT micro-extraction structures fabricated by focused ion-beam 42870
Dinoiu, Gh. *see* Obreja, V.V.N. 42096
Dinstein, I. *see* Agam, G. 15882
Dinstein, I. *see* Agam, G. 25403
Dinten, J.-M., Darboux, M., Nicolas, E. Features extraction for a precise characterization of micro-calcifications in mammograms 59442
Dinten, J.-M. *see* Darboux, M. 37701
Dinten, J.-M. *see* Girard, S. 4926
Dinter, H., Tesch, K., Dworak, D. Doses due to neutrons and charged particles in the angular range 10° to 170° behind concrete shield of high-energy proton accelerators 37924
Dinu, M. *see* Vanca, V. 21217
Dinu, M. *see* Vanca, V. 21218
Dinu, M. *see* Vanca, V. 41896
Dinyu Qin *see* Xiaogang Luo 29249
Dio, M.Di *see* Di Dio, M.
Dio, V.Di *see* Di Dio, V.
Diodlo, Z.B. *see* Brookfield, D.J. 9462
Diogu, K.K., Harris, G.L., Mahajan, A., Adesida, I., Moeller, D.F., Bertram, R.A. Fabrication and characterization of a 83 MHz high temperature β-SiC MESFET operational amplifier with an AlN isolation layer on (100) 6H-SiC 1155
Diolez, E. *see* Normand, X. 9084
Dion, D., Duclos-Hindie, N., Bosse, E., Roy, J. False alarm generation for simulation of shipborne radar tracking 16840
Dion, M., Gupta, V.K., Wasilewski, Z.R., Norman, C.E., Pratt, A.R., Chow-Chong, P., Williams, R.L. A comparison of indium migration in the MBE growth of SQW InGaAs-GaAs-AlGaAs lasers on patterned substrates using As_2 and As_4 55620
Dion, M. *see* Fafard, S. 24021
Dion, M. *see* Piva, P.G. 44599
Diong, B., Montenegro, E. Simplex control of AC/DC converters for power factor correction 51126
Dionisi, S. *see* Buscaglia, F. 47626
Dionisio, C. *see* D'Errico, M. 48116
Dionysian, R., Ercegovac, M.D. Vector quantization with compressed codebooks 15473
Diop, S. *see* Tnani, S. 38738
Diop, S. *see* Tnani, S. 51006
Diorio, C., Hasler, P., Minch, A., Mead, C.A. A single-transistor silicon synapse 1633
Diorio, D. *see* Hasler, P. 1573
Dios, T.V.De *see* De Dios, T.V.
Dios Ortuzar, J.de *see* de Dios Ortuzar, J.
Dioszeghy, P., Egerhazi, A., Molnar, M., Mechler, F. Turn-amplitude analysis in neuromuscular diseases 49580
Diot, C., Dabbous, W., Crowcroft, J. Multipoint communication: a survey of protocols, functions, and mechanisms 57613
Diot, C. *see* Braun, T. 5863
Diot, C. *see* Dabbous, W. *(editor)* 37
Diou, A., Voisin, Y., Santo, C. The Hough transform–a new approach 46275
Diou, A. *see* Santo, C. 48879
Dipace, A. *see* Dattoli, G. 3914
Dipace, M. *see* Motta, L. 31063
Dipanda, A. *see* Kardouchi, M. 56737
DiPaola, A. *see* Francesio, L. 10726
DiPietro, C.A. *see* DuBois, T.A. 18991
DiPilato, J. *see* Mercer, D. 53375
DiPirro, M.J., Tuttle, J.G., Shirron, P.J. Development of a high-resolution penetration depth thermometer 48449
DiPirro, M.J. *see* Shirron, P.J. 49988
Dirani, E.A.T., Pinheiro, W., Nachvalger, E.E., Oliveira, J.J.S., Castro, A.F., Andrade, A.M., Fonseca, F.J., Faria, R.M., Oliveira, R.B.L., Caron, L.E., Ruvolo F., A. A contribution to the improvement of ASTM-D2303 polymer covered cable testing 38359
Dirani, E.A.T. *see* Oliveira, J.J.S. 38390
Dirani, E.A.T. *see* Pinheiro, W. 38391
Dirassen, B. *see* Sherman, V. 23429
Dirks, A.G. Microstructure of passivated Al-Cu and Al-Si-Cu conductor lines: interaction of precipitates, defects and mechanical stresses 42773
Dirks, A.G. *see* van den Homberg, M.J.C. 22620
Dirks, A.G. *see* Van Den Homberg, M.J.C. 42704
Dirks, C. The optimization of power supply to processors on multi-layer boards 31591
Dirks, E. *see* McLaren, P.G. 19389
Dirks, E.F. *see* Touhafi, A. 11511
Dirks, E.N. *see* McLaren, P.G. 19387
Dirks, M.T. *see* Mason, R.C. 53811
Dirksen, D., Matthes, F., Riehemann, S., von Bally, G. Phase shifting holographic double exposure interferometry with fast photorefractive crystals 24285
Dirksen, D. *see* Rickermann, F. 4104
Dirksen, P., Pellens, R., Juffermans, C., Reuhman-Huisken, M., Van Der Laan, H. Focus and exposure dose determination using stepper alignment 2471
Dirksmoeller, M. *see* Foerster, E. 7853
Dirkx, E. *see* Liu, W. 25862
Dirr, B. Numerical investigation of an ablation-dominated plasma armature 24395
Dirr, S. *see* Ammermann, D. 17605
Dishaw, G. *see* Leung, E.M.W. 60439
Dishaw, M.T., Eierman, M.A. Client/server computing and network concepts: a course for the undergraduate MIS curriculum 52035
Dishongh, T.J. *see* Shukla, A.A. 30270
Dislis, C. *see* Alani, A. 12038
Disney, M.J. *see* Staveley-Smith, L. 36300
DiSomma, C., Raposio, E., Fato, M., Sobel, I., Beltrame, F., Santi, P. Computer-simulated oncologic surgery: a personal approach 37848
DiSomma, C. *see* Raposio, E. 37847
Dissado, L., Mazzanti, G., Montanari, G.C. A new thermo-electrical life model based on space-charge trapping 13271
Dissado, L.A., Doble, I., Wolfe, S.V., Norman, P.A., Davies, A.E., Chen, G., Zhong, Q., Wargotz, W.B., Sanders, M.M. Electrical reliability of dc-operated submarine telecommunications cables 58091
Dissado, L.A., Urban, S.J., Norman, P.A. Breakdown statistics of the space-charge ageing model for polymeric insulation 32708
Dissado, L.A. *see* Alison, J.M. 43516
Dissado, L.A. *see* Carmo Lanca, M. 43448
Dissanayake, M.W.M.G. *see* Furukawa, T. 7566
Dissard, O. *see* Baillard, C. 46389
Disseix, P., Leymarie, J., Vasson, A., Vasson, A.-M., Monier, C., Grandjean, N., Leroux, M., Massies, J. Optical study of segregation effects on the electronic properties of molecular-beam-epitaxy grown (In,Ga)As/GaAs quantum wells 42169
Disseix, P. *see* Monier, C. 12404
Disselhorst-Klug, C. *see* Rau, G. 59691
Distante, A. *see* Branca, A. 5537
Distante, A. *see* Branca, A. 5576
Distante, A. *see* Branca, A. 15877
Distante, A. *see* Branca, A. 25312
Distante, A. *see* Branca, A. 25462
Distante, A. *see* Branca, A. 35018
Distante, A. *see* Branca, A. 35149
Distante, A. *see* Branca, A. 57524
Distante, A. *see* Castellano, G. 5888
Distante, A. *see* Morales, M.A. 49530
Distante, A. *see* Stella, E. 27687
Distasi, R., Nappi, M., Vitulno, S. A B-tree based recursive technique for image coding 5431
Distasi, R. *see* Della Vecchia, G. 15580
DiStefano, T., Heacox, E. Designing a modular chip scale package assembly line 52256
DiStefano, T. *see* Fjelstad, J. 20896
Distler, K. *see* Hauber, C. 16390
Disz, T., Papka, M.E., Stevens, R. UbiWorld: an environment integrating virtual reality, supercomputing, and design 47212
dit Neuville, S.Martin *see* Martin dit Neuville, S.
Ditang Fang *see* Fang Ditang
Ditchfield, R., Seebauer, E.G. General kinetic rules for rapid thermal processing 22495
Ditchi, T. *see* Naz, O. 58978
Ditizio, R., Jerde, L.G., Zhang, Y., Meyer, J.A., Zucker, M.L., Mantei, T. A high density, pulsed RF inductively coupled reactor for sub-half micron etch applications 54469
Ditmire, T., Gumbrell, E.T., Smith, R.A., Tisch, J.W.G., Meyerhofer, D.D., Hutchinson, M.H.R. Spatial coherence measurement of soft X-ray radiation produced by high order harmonic generation 14274
DiTomasso, J. *see* Read, D. 1860
Ditscheid, H.E. *see* Eckhardt, R. 61297
Dittberner, G. *see* Howard, E. 59874

Dittes, F.-M. Democratic optimization for discrete and continuous systems 10391
Dittman, L. *see* Nielsen, J.V. 6409
Ditto, W.L. *see* Inchiosa, M.E. 25049
Ditto, W.L. *see* Witkowski, F.X. 59376
Dittrich, A., Hoft, M. Integration of a TMN-based management platform into a CORBA-based environment 35594
Dittrich, A., Rasmussen, S., O'Sullivan, D. Co-existence of TMN and CORBA for service management 57732
Dittrich, P. *see* Banzhaf, W. 53816
Dittrich, T. *see* Rappich, J. 42346
Ditzinger, A., Remme, R. Key issues for user acceptance of FPGA design tools 11427
Divakaran, A. *see* Calzone, S. 35183
Divakaruni, S. *see* Laskoskie, C. 58787
Divan, D. Low stress switching for efficiency 19878
Divan, D.M. *see* Bhattacharya, S. 38816
Divan, D.M. *see* Bhattacharya, S. 38823
Divan, D.M. *see* Deshpande, V.V. 29395
Divan, D.M. *see* Kutkut, N.H. 51481
Divekar, D., Raghuram, R., Balistreri, F., Matsui, N. Simulation of frequency dependent conductor loss in interconnects 1858
DiVenere, A. *see* Cho, S. 54230
DiVergilio, A. *see* Colace, L. 2164
Divin, G.D. *see* Bandrivskii, S.A. 56600
Divin, V.D. *see* Alekseev, V.N. 13920
DiVincenzo, D.P. *see* Bennett, C.H. 14854
DiVincenzo, D.P. *see* Bennett, C.H. 56231
DiVincenzo, D.P. *see* Cleve, R. 14768
Diviney, T.S. *see* DeBell, D.A. 6959
Divljakovic, V., Kline, J., Akers, J., Theis, K. Multifactor aging of electrical machines energized by standard PWM drives 50979
Divsalar, D. *see* Benedetto, S. 4467
Divsalar, D. *see* Benedetto, S. 4474
Divsalar, D. *see* Benedetto, S. 24682
Dix, C. *see* Okai, M. 23947
Dix, G.I. *see* Yafei Zhou 9178
Dix, G.I. *see* Zhou, Y. 38700
Dix, N. *see* Winzer, M. 42854
Dixit, G. *see* Banerjee, K. 42709
Dixit, G.A., Hsu, W.Y., Konecni, A.J., Krishnan, S., Luttmer, J.D., Havemann, R.H., Forster, J., Yao, G.D., Narasimhan, M., Xu, Z., Ramaswami, S., Dhen, F.S., Nulman, J. Ion metal plasma (IMP) deposited titanium liners for 0.25/0.18 μm multilevel interconnections 42665
Dixit, G.A., Taylor, K.J., Singh, A., Lee, C.K., Shinn, G.B., Konecni, A., Hsu, W.Y., Brennan, K., Mi-Chang Chang, Havemann, R.H. An integrated low resistance aluminum plug and low-k polymer dielectric for high performance 0.25 μm interconnects 2442
Dixit, G.A. *see* Lu, J.P. 42617
Dixit, P., Vouk, M.A., Bitzer, D.L., Alix, C. Reliability and availability of a wide area network-based education system 6191
Dixit, R.P., Kumar, D., Dutta, V.P., Kush, A.K. FMCW sensor serves W-band radar systems 48094
Dixit, S.K., Daulatabad, S.R., Shukla, P.K., Bhatnagar, R. Diffraction filtered resonator for Rh6G dye laser transversely pumped by a copper vapor laser 23763
Dixit, S.K. *see* Bhatnagar, R. 3922
Dixmier, J. *see* Lusson, L. 42000
Dixon, A.E. *see* Ribes, A.C. 39045
Dixon, B. *see* Lusth, J.C. 53265
Dixon, D. *see* McEuen, P.L. 54185
Dixon, D.S. E^3 concerns for the military use of commercial-off-the-shelf (COTS) equipment 45217
Dixon, G.J. *see* Glenn, W.E. 58922
Dixon, J.B. *see* Rooney, D.T. 53835
Dixon, J.W. *see* Tepper, J.S. 19054
Dixon, K.D. *see* Niemann, R.C. 39256
Dixon, L.C. *see* Ferguson, A. 60088
Dixon, M.D. *see* Berry, R.P. 12041
Dixon, P. *see* Trushell, J. 30057
Dixon, S.E. *see* Powers, D.M.W. 45797
Dixon, T.L., Sibul, L.H. Detection and classification of acoustic transients using wavelet transforms 25070
Dixon, T.L., Sibul, L.H. Wideband imaging and parameter estimation of distributed objects using the continuous wavelet transform 25319
Dixon, W.L. Laser designation for improving payload pointing accuracy 19006
Dixon, W.T. *see* Oshinski, J.N. 59476
Dixson, R.G. *see* Cresswell, M.W. 32319
Diyun Shen *see* Shen Diyun
Dizdarevic, N., Kuterovac, L., Tesnjak, S. Stator $d\Psi/dt$ terms in analysis of synchronous generator air-gap and torsional torques during transmission line three-phase automatic reclosing 19325
Dizdarevic, N., Visic, I., Tesnjak, S. Combined dynamic and static approach in voltage collapse analysis 19082
Dizhur, E.M., Itskevich, E.S., Kashirskaya, L.M., Voronovsky, A.N., Malik, T.A., Stradling, R.A., Yuen, W.T. Galvanomagnetic measurements of the 2D electron-hole gas in GaSb/InAs/GaSb quantum wells under pressure up to 2.5 GPa 22349
Djagilev, V.M. *see* Bochkov, V.D. 24377
Djahanshahi, H., Ahmadi, M., Jullien, G.A., Miller, W.C. A unified synapse-neuron building block for hybrid VLSI neural networks 1667
Djahanshahi, H., Jullien, G.A., Miller, W.C., Ahmadi, L. Neural-based smart CMOS sensors for on-line pattern classification applications 7430
Djahli, F., Kaabi, L. A macro model in SMART SPICE to study the MOSFET degradations with CP technique 54674
Djakov, B. *see* Juttner, B. 22147
Djakov, B.E. *see* Beilis, I. 41767
Djaloshinski, L. *see* Arbel, D. 55749
Djama, F. *see* Bauer, C. 37326
Djama, F. *see* Bauer, C. 37378
Djama, F. *see* Weilhammer, P. 37381
Djambazov, L. *see* Adam, A. 37280
Djbkovic, I., Vaidyanathan, P.P. Generalized sampling theorems in multiresolution subspaces 45741
Djebah, A. *see* Osasona, O. 44193
Djebali, M., Melkemi, K., Melkemi, M., Vandorpe, D. Range image processing based on multiresolution analysis 56776
Djellouli, B. *see* Fitas, R. 9525
Djemia, P. *see* Niedoba, H. 43670
Djenidi, R. *see* Zbiri, N. 58700
Djennah, M., Bandelier, B., Rioux-Damidau, F. Computation of electric charges and eddy-currents with an E-formulation 44952
Djennane, S., Sedes, F. Audio facilities for hypermedia consultation 56383
Djennoune, S. *see* Amer-Yahia, C. 59568
Djermoune, A., Goureau, P. Input-output decoupling of nonlinear control for an induction machine 9253
Djermoune, A. *see* Goureau, P. 60760
Djezzar, B. Design and optimization of a low-power and very-high-performance 0.25-μm advanced PNP bipolar process 41115
Djidjev, H.N., Venkatesan, S.M. Reduced constants for simple cycle graph separation 40059
Djilali, N. *see* Kimura, M. 808
Djilkibaev, R.M., Lobashev, V.M. The solenoid muon capture system for the MELC experiment 17926
Djobava, R.G. *see* Zaridze, R. 24336
Djodot, M. *see* Farrell, J. 6998
Djogo, G., Cross, J.D. Circuit modelling of a vacuum gap during breakdown 22119
Djogo, G., Cross, J.D. Dependence of gap voltage collapse during vacuum breakdown on gap geometry and plasma dynamics 22120
Djohan, A., Nguyen, T.Q., Tompkins, W.J. ECG compression using discrete symmetric wavelet transform 59649
Djohan, A. *see* Cohen, K.P. 59660
Djokic, B., Bosnjakovic, P. A high accuracy reactive power and energy meter insensitive to frequency variations 27307
Djordjevic, A.R. SPICE-compatible models for multiconductor transmission lines in Laplace-transform domain 56078
Djordjevic, A.R. *see* Roy, T. 14581
Djordjevic, G.T. *see* Stefanovic, M.C. 5676
Djordjevic, I.B. *see* Stefanovic, M.C. 5676
Djordjevich, A., Boskovic, M. Intensity-modulated deformation sensor 48621
Djotyan, G.P. *see* Sarkozi, J. 3683
Djubua, B.C., Ilyin, B.N., Polivnikova, O.V., Zemchikhin, E.M. Spiral cathodes for microwave heating magnetrons 53912
Djubua, B.Ch., Zemchikhin, E.M., Makarov, A.P., Polivnikova, O.V. Secondary electron emission, surface composition and modes of activation of metal alloy cathodes 41763
Djukanovic, M., Calovic, M., Milosevic, B., Sobajic, D.J. Neural-net based real-time economic dispatch for thermal power plants 19546
Djukanovic, M. *see* Calovic, M. 38350
Djukanovic, M. *see* Rajakovic, N. 50325
Djurenko, S.V. *see* Barchuk, I.P. 43259
Djuric, M.B., Radojevic, Z.M., Terzija, V.V. Digital signal processing algorithm for arcing faults detection and fault distance calculation on transmission lines 50656
Djuric, M.B. *see* Zoric, K.J. 50601
Djuric, P.M., Jong-Kae Fwu, Jovanovic, S., Lynn, K. On the processing of piecewise-constant signals by hierarchical models with application to single ion channel currents 28071
Djuric, P.M. *see* Beadle, E.R. 34723
Djuric, P.M. *see* Hsiang-Tsun Li 4728
Djuric, P.M. *see* Hsiang-Tsun Li 24945
Djuric, P.M. *see* Jong-Kae Fwu 18277
Djuric, P.M. *see* Jong-Kae Fwu 25413
Djuric, P.M. *see* Jong-Kae Fwu 25648
Djurovic, M. *see* Nikolajevic, S.V. 19357
Djurovic, Z.M., Kovacevic, B.D. Adaptive M-filtering using pattern recognition approach 56512
Diamini, M.D. Electrical/electronic effects of titanium and iron impurities in EFG and FZ solar cell silicon: SPV/EBIC analysis 9547
Dlay, S.S. *see* Jones, C.M. 1256
d'Leon, R.Tascon *see* Tascon d'Leon, R.
Dlodlo, M.E., Wai Hung Wong, Prasad, R. Performance of type-II hybrid ARQ in a shadowed Rician fading LEO satellite-based spread slotted ALOHA communication channel 35508
Dlouhy, R. Analysis of hand-held phones using the finite integration algorithm 26397
Dlouris, J.F. *see* Clenet, M. 56183
Dlugosel'skii, V.I., Borozna, P.S., Zinin, V.I., Kolesnichenko, A.G., Pil'dish, V.G., Plakhotnev, N.A., Romanov, P.M. Using main highly supercharged shipboard boilers in land-based power installations 29082
Dluzniewski, M., Staryga, E., Stanishevsky, A.V., Tochitsky, E.I., Mitura, S., Bak, G.W. Electrical conductivity of metal/diamond-like carbon/Si system 22326
Dm Le Thuy *see* Thuy Dm Le
D'Mello, R. *see* Gulak, C. 41345
Dmitrenko, A. Numerical method for solving of electromagnetic scattering problems of three dimensional arbitrary shaped magnetic dielectric bodies 45020
Dmitrenko, I.M. *see* Lukashenko, A.V. 13496
Dmitrenko, I.M. *see* Sivakov, A.G. 3296
Dmitrenko, V.E., Soldatenko, V.A. Secondary power sources on the basis of conductive polymeric materials 9502
Dmitrenko, V.V., Gratchev, V.M., Kondakova, O.N., Krivov, S.V., Romanyuk, A.S., Sutchkov, S.I., Ulin, S.E., Uteshev, Z.M., Vlasik, K.F., Yurkin, Yu.T. High pressure xenon gamma-spectrometers with high energy resolution 59282
Dmitriev, A. *see* Udem, T. 7145
Dmitriev, A.M. Outlook for converting the Russian dual-purpose reactors to the non-production mode 60509
Dmitriev, A.P., Furman, A.S., Kachorovskii, V.Yu. Nonlinear theory of the current instability in a ballistic field-effect transistor 22883
Dmitriev, A.S. *see* Andreyev, Y.V. 24616
Dmitriev, A.V., Evlyukhin, A.B. Electron impact ionization in p-type degenerate narrow-gap semiconductors with a Kane band dispersion law 41967
Dmitriev, A.V., Keiper, R., Makeev, V.V. The influence of quasi-localized carrier states on the optical properties of size-quantizing structures 12509
Dmitriev, D.R. *see* Stalgorova, O.V. 36534
Dmitriev, S.V. *see* Esepkina, N.A. 44123
Dmitriev, V., Irvine, K., Bulman, G., Edmond, J., Zubrilov, A., Nikolaev, V., Nikitina, I., Tsvetkov, D., Babanin, A., Sitnikova, A., Musikhin, Yu., Bert, N. Growth and characterization of GaN layers on SiC substrates 10880
Dmitriev, V., Irvine, K., Zubrilov, A., Tsvetkov, D., Nikolaev, V., Jakobson, M., Nelson, D., Sitnikova, A. GaN three dimensional nanostructures 10796
Dmitriev, V.A., Kuznetsov, N.I., Irvine, K.G., Carter, C.H., Jr. Electric breakdown in nitride pn junctions 13214
Dmitriev, V.A. *see* Kuznetsov, N.I. 12538
Dmitriev, V.A. *see* Nikolaev, A.E. 10766
Dmitriev, V.G. *see* Diesperov, K.V. 14391
Dmitriev, W.V. The influence of ground stratification upon a field of magnetic loop 18771
Dmitrieva, E.N. *see* Kurennyi, E.G. 14647
Dmitriyev, A.K. *see* Bagayev, S.N. 27376
Dmitriyev, K.S., Gonik, Ya.Ye. New method for melting ice on overhead line 50600
Dmitriyev, S.P., Stepanov, O.A., Shepel, S.V. Nonlinear filtering methods application in INS alignment 34721
Dmitriyev, V.A. Symmetry of microwave devices with gyrotropic media—complete solution and applications 43718
Dmitriyev, Y. *see* Shah, K.S. 59360
Dmochowski, Z. The simulation laboratory on electric arc furnaces for didactic and practical needs 30073
Dmowski, A., Bugyi, R. High frequency resonant DC/DC current converter 9398
Dmowski, A., Drazkiewcz, J., Bugyi, R. Remote supervisory systems for power-electronics devices 9414
Dmowski, L.H., Zduniak, A., Litwin-Staszewska, E., Contreras, S., Knap, W., Robert, J.L. Study of quantum and classical scattering times in pseudomorphic AlGaAs/InGaAs/GaAs by means of pressure 22348
Dmowski, L.H. *see* Knap, W. 22347
Dneprovskaya, L.I. *see* Tubis, Ya.B. 61220
Do, G.L., Feher, K. Efficient filter design for IS-95 CDMA systems 16551
Do, G.M. *see* Motta, L. 31063
Do, H.D., Groessinger, R., Sato Turtelli, R., Polak, C. The magnetic behaviour of nanocrystalline $Fe_{76.5-x}Cu_1Nb_xSi_{13.5}B_9$ 3076
Do, T.V., Jereb, L., Wolfner, G. Queueing analysis of traffic shaping and scheduling applied in the source ATM end point 25910
Do, T.V. *see* Wolfner, G. 35523
Do, X.Dai *see* Dai Do, X.
Do Hwan Lee, Hyung Jin Sung Assessment of LDV spectral bias based on three-dimensional velocity fields 59087
Do Hyun Kim *see* Eui Seop Poong 15684
Do Il Chang, Jae Yong Lee, Hong Jin Kong Raman shifting of Nd:YAP laser radiation with a Brillouin resonator coupled with a Raman half-resonator 44627
Do Jae-Hyuk *see* Jae-Hyuk Do
Do Jing-Shan *see* Jing-Shan Do
Do Jun Rhee, Shu Lin Multilevel coded modulation schemes for the shadowed mobile satellite communication channel 34518
Do Jun Rhee *see* Rajpal, S. 34552

Do Kun Cha, Su-Moon Park Polyethylene glycol as a solid polymer electrolyte 61025
Do Kyeong Ko *see* Won Kweon Jang 44370
Do Kyeong Ko *see* Won-Kweon Jang 23768
Do Nam-Kung, Sang-Ok Han A study on the partial discharge aging characteristics of polymer insulating materials for superconducting cable 8912
Do Sun Bai, Hyuck Moo Kwon A note on the design of a two-sided, two-stage screening procedure with a prescribed outgoing quality 39863
Do Sun Bai, Nak Young Lee Nonparametric estimation for accelerated life tests under intermittent inspection 10047
do Vale, A.Almeida *see* Almeida do Vale, A.
do Valle Simoes, E., Uebel, L.F., Barone, D.A. A comparison between three different GSN model hardware implementations with the appliance of an ANN fast prototyping system 53509
Do Xuan-Dai *see* Xuan-Dai Do
Do Yong-Tae *see* Yong-Tae Do
Do-Hee Ahn *see* Han-Soo Lee 29046
Do-Heyoung Kim, Sung-Lae Cho, Ki-Bum Kim, Jung Ju Kim, Jin Won Park, Jae Jung Kim Diffusion barrier performance of chemically vapor deposited TiN films prepared using tetrakis-dimethyl-amino titanium in the Cu/TiN/Si structure 12583
Do-Heyoung Kim *see* Gyu-Chang Jun 42259
Do-Hong Yun *see* Seung Hwang-Bo 13273
Do-Hwan Rho *see* Seong-Gu Choi 15674
Do-Hyun Jang An (n+2) switch converter for the switched reluctance motor drives 9354
Do-Hyun Park, Gi-Jung Nam, Kyu-Haeng Lee, Sang-Cheon Kim, Hoon Shim, Seung-Han Park, Ung Kim, Babushkin, A.V., Vorobiov, N.S. The effect of saturable absorber concentration on pulse duration and energy stability of hybrid mode-locked $YAlO_3:Nd^{3+}$-laser with GaAs passive negative feedback 23866
Do-Ky, H. *see* Laneve, T. 53627
Do-Kyeong Ko, Sung Ho Kim, Jongmin Lee Dual wavelength operation of a self-seeded, triple-cavity type, pulsed dye laser oscillator 3709
Do-Nhat, T. Offset coupling between Gaussian beam and the fundamental mode of weakly guiding step-index fibers 13627
Do-Nhat, T., Macphie, R.H. On the computation of Infeld's function used in evaluating the admittance of prolate spheroidal dipole antennas 24568
Do-Sung Kim *see* Dong-Myung Lee 37576
Doak, R.B. *see* Roedel, R.J. 20577
Doallo, R. *see* Boo, M. 34551
Doan, N. *see* Lee, F. 52293
Doan, T. *see* Nafalski, A. 23316
Doan, T. *see* Nafalski, A. 36855
Doan, T.P. *see* Scheurer, J.N. 59353
Doan, T.Q. Proximity recording design considerations 32834
Doane, D. *see* Skaggs, F. 44302
Doane, J.W., Stefanov, M.E. Reflective cholesteric liquid-crystal displays 27793
Doare, P. *see* Vincensini, F. 26811
Dobaczewski, L. *see* Jia, Y.B. 12508
Dobaczewski, L. *see* Kaczor, P. 12233
Dobaczewski, L. *see* Le Van Khoi 12344
Dobashi, A. *see* Kubota, S. 36008
Dobashi, H., Tanabe, T., Yamamoto, M. Crosstalk-suppressed readout system using shading band 44113
Dobashi, H. *see* Inoue, M. 42104
Dobberphul, A. *see* Lipinsky, K. 9661
Dobberpuhl, D. The design of a high performance low power microprocessor 11460
Dobberpuhl, D.W. *see* Montanaro, J. 1446
Dobbertin, H. RIPEMD with two-round compress function is not collision-free 34572
Dobbertin, H. *see* Bosselaers, A. 14787
Dobbie, W.H. *see* Mills, G.S. 35831
Dobbie, W.H. *see* Mills, G.S. 58530
Dobbins, B.N. *see* Liu-Sheng Wang 48873
Dobbins, J.A. *see* Rogers, J.T. 49250
Dobeck, G.J. *see* Hasan, M.A. 4698
Dobeck, G.J. *see* Shin, F.B. 50270
Dobeck, G.J. *see* Telfer, B.A. 58496
Dobeli, M., Liechtenstein, V.K. A time-of-flight spectrometer for energy analysis of slow heavy ions and neutrals 37523
Doberitzsch, J. *see* Holzapfel, W. 59013
Doberstein, S., Martynov, A., Malyukhov, V. Hybrid wide-band VCOs using low-loss leaky SAW ring filters 35985
Dobert, S., Eichhorn, R., Genz, H., Graf, H.-D., Hahn, R., Hampel, T., Kostial, S., Loos, H., Reichenbach, M., Richter, A., Schlott, V., Spamer, E., Stascheck, A., Thomas, M., Titze, O., Wesp, T. Operational experience at the superconducting electron accelerator S-DALINAC 37145
Dobie, P. *see* Renard, M. 6801
Dobisz, E.A., Koops, H.W.P., Perkins, F.K., Marrian, C.R.K., Brandow, S.L. Three dimensional electron optical modeling of scanning tunneling microscope lithography in resists 22734
Dobisz, E.A. *see* Marrian, C.R.K. 22706
Dobkin, D.P. *see* Barber, C.B. 30664
Doble, I. *see* Chen, G. 54968
Doble, I. *see* Dissado, L.A. 58091
Doble, N., Gatignon, L., Grafstroem, P. A novel application of bent crystal channeling to the production of simultaneous particle beams 49258
Dobler, M. *see* Reuther, H. 2320
Dobnikar, A. *see* Trebar, M. 52448
Doboli, A. *see* Eles, P. 1325
Doboli, A. *see* Eles, P. 31043
Dobos, L. *see* Kovacs, B. 32237
Dobos, L. *see* Mojzes, I. 32054
Dobos, L. *see* Mojzes, I. 42736
Dobosz, D. *see* Kaczor, P. 12233
Dobre, G.M. *see* Podoleanu, A.Gh. 7665
Dobrenic, D. System for centralized management of remote hosts with different operating systems 46905
Dobrescu, D., Rusu, A. Temperature study of the carrier lifetime in solar cells with one dominant trap energy level 51609
Dobrian, F. *see* Stoica, I. 57641
Dobrin, R. *see* Niculae, C. 15816
Dobrivoje, S.P., Miroslav, V.O. Influence of rotor relative moving to short-circuit currents 19696
Dobrivoje, S.P., Miroslav, V.O., Nebojsa, M. Induction motors influence to short-circuit current 19747
Dobrogowski, A. Transfer of the phase process through the border between two time scales 25872
Dobrogowski, A., Jessa, M. Telecommunication network synchronization management 46930
Dobrosavljevic, V. *see* Bogdanovich, S. 41876
Dobrota, V. Use of the symbolic concurrent programming Erlang to test the integrated digital networks access 35776
Dobrota, V., Miron, C., Vlaicu, A. Broadband-ISDN functional model simulator with IN capabilities 35781
Dobrotin, S.A., Kurban, V.D., Chernyatin, A.K. Experimental-analytical search for a method of propane leak testing 58873
Dobrovolsky, Yu., Leonova, L., Vakulenko, A. Thermodynamic equilibria and kinetic reversibility of the solid electrolyte/electron conductor/gas boundary at low temperature 27750
Dobrowolska, M. *see* Xin, S.H. 10810
Dobrowolski, J.A. *see* Popov, K.V. 55379
Dobrowolski, J.A. *see* Tikhonravov, A.V. 3499
Dobrowolski, W. *see* Belyaev, A.E. 12877
Dobrowolski, W. *see* Figielski, T. 12414
Dobrowolski, W. *see* Flglelskl, T. 43161
Dobrowolski, W. *see* Le Van Khoi 12344
Dobrowolski, W. *see* Story, T. 12313
Dobrowski, J., Konopacki, J. Implementation of A/D network macromodels in PWL functional-level simulator 31345
Dobrucki, A. *see* Kacprzyk, R. 36489
Dobrucky, B., Chaloupka, F., Kucer, P., Racek, V. A neural fuzzy control with stator resistance estimator for IM drive with DSC 51715
Dobrucky, B. *see* Chaloupka, F. 38744
Dobrucky, B. *see* Hosny, W. 19741
Dobrucky, B. *see* Kucer, P. 9622
Dobrucky, B. *see* Racek, V. 51697
Dobryakov, B.S., Grebenkova, O.B., Gulev, V.S. Influence of pulsed laser irradiation on the development of connective tissue in reparative regeneration 8113
Dobrychlop, P. *see* Bialko, M. 1572
Dobrzanski, L., Strupinski, W., Przyborowska, K., Lukasiewicz, T., Jagoda, A., Gora, K. Performance of the HEMT device obtained using MOCVD 2702
Dobrzeniecki, A.B., Selcow, E.C., Yanch, J.C., Belanger, M.J., Lu, A., Esser, P.D. Monte Carlo methods for the simulation of positron emitters in SPECT systems 8012
Dobrzynski, L., Holas, A. Reconstruction of the electron momentum density distribution by the maximum entropy method 37543
Dobrzynski, L. *see* Alexeev, G. 59200
Dobrzynski, L. *see* Reniewicz, H. 12251
Dobson, D., Scherzer, O. Analysis of regularized total variation penalty methods for denoising 4942
Dobson, D.C. *see* Cox, J.A. 55385
Dobson, I. *see* Greene, S. 50302
Dobson, I. *see* Rajaraman, R. 11162
Dobson, I. *see* Rajesh Rajaraman 19157
Dobson, M.C. *see* Bergen, K.M. 8529
Dobson, M.C. *see* Kellndorfer, J.M. 8404
Dobson, M.J. *see* Hawnaur, J.M. 59478
Dobson, P.J. *see* Bhat, J.C. 22501
Dobson, P.J. *see* Salata, O.V. 30868
Dobson, P.J. *see* Shannon, D.N.J. 41745
Dobuzinsky, D. *see* Azuma, T. 32282
DoCanto, M. *see* Pavelchek, E.K. 44183
Docchio, F. *see* Minoni, U. 27891
Docef, A., Smith, M.J.T. Ultrasound video coding using a three-dimensional subband decomposition 28138
Dockerty, R. *see* Anc, M.J. 22457
Dockery, G.D., Kuttler, J.R. An improved impedance-boundary algorithm for Fourier split-step solutions of the parabolic wave equation 14610
Dockery, J. *see* Carlson, T.S. 40241
Dockney, M.L., Read, I.J., Foote, P.D., Tatam, R.P. Embedded optical fibre Bragg gratings for aerospace monitoring 48639
Dockney, M.L. *see* James, S.W. 48573
Dod, A. *see* Ravikumar, C.P. 53183
Dodabalapur, A. Organic light emitting diodes 44298
Dodabalapur, A., Katz, H.E., Torsi, L. Molecular orbital energy level engineering in organic transistors 13020
Dodabalapur, A., Laquindanum, A.J., Katz, H.E., Bao, Z. Complementary circuits with organic transistors 22078
Dodabalapur, A., Rothberg, L.J., Jordan, R.H., Miller, T.M., Slusher, R.E., Phillips, J.M. Physics and applications of organic microcavity light emitting diodes 3633
Dodabalapur, A. *see* Bao, Z. 2661
Dodabalapur, A. *see* Bao Zhenan 43127
Dodabalapur, A. *see* Torsi, L. 2618
Dodabalapur, A. *see* Torsi, L. 2725
Dodabalapur, A. *see* Zhenan Bao 22794
Dodd, E. *see* Umstadter, D. 17885
Dodd, M.A. *see* Karam, N.H. 699
Dodd, P.E., Sexton, F.W., Hash, G.L., Shaneyfelt, M.R., Draper, B.L., Farino, A.J., Flores, R.S. Impact of technology trends on SEU in CMOS SRAMs 21691
Dodd, S.J. *see* Champion, J.V. 2887
Dodd, S.J. *see* Champion, J.V. 43551
Dodds, D.E. *see* Takaya, N. 57882
Dodds, G. *see* Morita, E. 20451
Dodds, R. Experiences from a Regional Electricity Company [harmonic distortion] 60203
Dodds, S.J., Utkin, V.A., Vittek, J. A motion separation method for the control of induction motors with prescribed closed-loop dynamics 20122
Dodds, S.J. *see* Hosny, W.M. 51437
Dodeja, H. *see* Gupta, B.D. 7370
Dodelet, J.P. *see* Lalande, G. 20009
Dodelet, J.P. *see* Tilquin, J.Y. 20003
Doderer, T. *see* Vernika, I.V. 32906
Dodge, J.A. *see* Benson, J.D. 21287
Dodge, P.M. An ongoing open house 46903
Dodgson, J. *see* Munro, W.A. 50218
Dodgson, N.A. *see* Travis, A.R.L. 36824
Dodick, J.M. *see* Lewin, P.A. 18518
Dodin, E.P. *see* Ignatov, A.A. 42231
Dodohov, V.H. *see* Akimov, D.Yu. 37245
Dodokhov, V. *see* Badura, E. 37241
Dodson, B. *see* Cowie, J. 14799
Dodson, C.T.J. *see* Scharcanski, J. 46122
Dodson, G. *see* Zwart, T. 36368
Dodunekov, S.M. *see* Dodunekova, R. 24736
Dodunekova, R., Dodunekov, S.M., Klove, T. Almost-MDS and near-MDS codes for error detection 24736
Doeff, M.M., Ferry, A., Yanping Ma, Lei Ding, De Jonghe, L.C. Effect of electrolyte composition on the performance of sodium/polymer cells 51453
Doehm, M. *see* Knuttgen, D. 59692
Doelling, R. *see* Reidelbach, K. 59128
Doench, C. *see* Cinquemani, P.L. 50591
Doering, A., Pietila, T., Witte, H. A neural network-based approach to spike detection in epileptic EEG 59699
Doering, E.R. Real-time classroom feedback via a computer network 20624
Doeringer, W., Dykeman, D., Peters, M., Sandick, H., Vu, K., Derby, J. Access architecture for a multiprotocol broadband backbone 35734
Doerk, T., Hertl, M., Pfelzer, B., Haedrich, S., Jauernik, P., Uhlenbusch, J. Resonance enhanced coherent anti-stokes raman scattering and laser induced fluorescence applied to CH radicals: a comparative study 30872
Doerk Jens *see* Jens Doerk
Doermann, D. *see* Kobla, V. 57342
Doermann, D.S. *see* Kia, O.E. 56755
Doernemann, A.G. Model-based control system for pickling lines 61360
Doernen, A. *see* Scholz, F. 40365
Doerner, M.F., White, R.L. Materials issues in magnetic-disk performance 3226
Doerr, C.R., Joyner, C.H., Zirngibl, M., Stulz, L.W. Chirped waveguide grating router multifrequency laser with absolute wavelength control 14150
Doerr, C.R., Shirasaki, M., Joyner, C.H. Chromatic focal plane displacement in the parabolic chirped waveguide grating router 58376
Doerr, C.R., Zirngibl, M., Joyner, C.H. Chirping of the waveguide grating router for free-spectral-range mode selection in the multi-frequency laser 24026
Doerr, C.R., Zirngibl, M., Joyner, C.H., Stulz, L.W., Presby, H.M. Polarization diversity waveguide grating receiver with integrated optical preamplifiers 26703
Doerr, C.R. *see* Giles, C.R. 6725
Doerr, C.R. *see* Glance, B. 6819
Doerr, C.R. *see* Zirngibl, M. 24025
Doerr, H.J. *see* Talin, A.A. 12073
Doerr, J. *see* Bailey, M. 28503
Doerschuk, P.C. *see* Kan, W.Y. 35244
Doerschuk, P.C. *see* Shan Lu 14912
Doerschuk, P.C. *see* Shan Lu 31069
Doerschuk, P.C. *see* Zheng, Y. 15942
Does, T.van der *see* van der Does, T.
Doesburg, E.B.M. *see* Berger, R.J. 19980
Doets, M. *see* Zhou, Z.-L. 7793
Doetsch, H. *see* Bahlmann, N. 13429
Doetsch, H. *see* Fehndrich, M. 3180
Doeuff, R.Le *see* Le Doeuff, R.
Dofferhoff, G. *see* Geradts, Z.J. 56647
Dogadaev, R.V. *see* Bukhteev, L.A. 9563
Dogan, A. *see* Alkoy, S. 17311
Dogan, M.C., Mendel, J.M. Blind deconvolution (equalization): Some new results 4770
Doganaksoy, N., Schmee, J., Vandeven, M. Process monitoring with multiple product grades 10050
Doganata, Y.N. *see* Tantawi, A.N. 58236

Dogancay, K., Kennedy, R.A. Blind detection of equalization errors in communication systems 35395
Dogariu, A., Tiejun Xia, Hagan, D.J., Said, A.A., Van Stryland, E.W., Bloembergen, N. Two-beam coupling in liquids via stimulated Rayleigh wing scattering 24224
Dogariu, A. *see* Boreman, G.D. 7407
Dogariu, A. *see* Buck, P. 24214
Dogariu, A. *see* Xia, T. 24226
Doh, Y.H. *see* Noh, D.S. 13748
Doh Chil Hoon *see* Chil Hoon Doh
Doh Jae-Ik *see* Jae-Ik Doh
Doh Won *see* Won Doh
Doh Yang Hoi *see* Yang Hoi Doh
Doh-Suk Kim, Jae-Hoon Jeong, Jae-Weon Kim, Soo-Young Lee Feature extraction based on zero-crossings with peak amplitudes for robust speech recognition in noisy environments 15125
Doh-Suk Kim, Soo-Young Lee, Kil, R.M., Xuelong Zhu Auditory model for robust speech recognition in real world noisy environments 24830
Doh-Suk Kim, Soo-Young Lee, Kil, R.M., Xuelong Zhu Feature extraction based on auditory representations for robust speech recognition 24831
Doh-Won *see* Ki-Seung Lee 57172
Dohata, M., Okamoto, A., Enbutsu, K., Sato, K. Properties of phase-conjugate reflectivity of self-pumped four-wave mixing 3989
Doherty, B.S. *see* Buksh, B. 26240
Doherty, J.F., Michels, J.P. A linearly constrained fast transversal filter for direct-sequence spread spectrum interference rejection 6478
Doherty, J.F., Porayath, R. A robust echo canceler for acoustic environments 57979
Doherty, J.F. *see* Narayan, A. 25379
Doherty, J.F. *see* Park, S.C. 25199
Doherty, J.G. *see* O'Mullane, J.J. 19069
Doherty, M. *see* Derr, M. 5916
Doherty, N.A. *see* Whittaker, B.E. 31176
Dohi, H., Nikaido, N., Ishizuka, M. Realtime synthesis of realistic anthropomorphic agent moving image using JPEG compression technique 25726
Dohi, T., Okumura, Y., Adachi, F. Effects of spreading chip rates on transmit power distribution in power-controlled DS-CDMA reverse link 47688
Dohi, T. *see* Masamune, K. 8076
Dohi, T. *see* Masutani, Y. 15991
Dohi, Y., Kubo, T., Ohkawa, T. Fault tolerant systolic 2D array for DFT 40988
Dohi, Y. *see* Takeda, Y. 11468
Dohke, H. *see* Yanai, Y. 36809
Dohle, G.Rainer *see* Rainer Dohle, G.
Dohler, G.H. *see* Keil, U.D. 22482
Dohler, G.H. *see* Kiesel, P. 12514
Dohler, G.H. *see* Knupfer, B. 23707
Dohler, G.H. *see* Rott, S. 42204
Dohler, T. *see* Kotitz, R. 49513
Dohlus, M. Accelerating structures for multibunches 49128
Dohlus, M., Hartwig, H., Holtkamp, N., Ivanov, S., Kaljuzhny, V., Naboka, A. Higher order mode damping by artificially increased surface losses 7729
Dohlus, M. *see* Muller, W.F.O. 49178
Dohlus, M. *see* Sobenin, N.P. 49063
Dohlus, M. *see* Sobenin, N.P. 49206
Dohmae, S. *see* Kurata, K. 26914
Dohnalek, Z. *see* Nishino, H. 48474
Dohrenwend, J. *see* Izenberg, N.R. 28609
Dohrmann, J.K., Chuan, M., Schaaf, N.-S. Photocalorimetry at semiconductor electrodes: theory, technique and applications 2233
Dohrmann, J.K. *see* Schaaf, N.-S. 19949
Dohsho, T. *see* Kajioka, H. 36589
Dohya, A. *see* Tanaka, K. 1852
Dohya, A. *see* Tanaka, K. 53838
Dohyoung Chung, Chan Gook Park, Jang Gyu Lee Observability analysis of strapdown inertial navigation system using Lyapunov transformation 37965
Dohyoung Chung, Jang Gyu Lee, Chan Gook Park, Heung Won Park Strapdown INS error model for multiposition alignment 8258
Doi, A., Hinamoto, T. Least-squares design of 2-D FIR digital filters subject to peak error constraints 53448
Doi, A. *see* Akizuki, M. 40535
Doi, A. *see* Hinamoto, T. 53434
Doi, H., Tiba, Y., Hirayama, A., Ryu, T., Matsushima, T., Hashimoto, M., Kudo, D., Saito, J., Watanabe, T. Influence of buffer layer insertion and annealing mode upon microstructures and ferroelectric characteristics of sol-gel-derived $Pb(Zr_x,Ti_{1-x})O_3$ thin films 2912
Doi, K. WWW access by proactively controlled caching proxy server 26169
Doi, K., Asahi, H., Joon Hong Kim, Asami, K., Gonda, S. Substrate orientation dependence of optical properties of GaP/AlP short-period superlattices 31964
Doi, K., Hirano, N., Okada, T., Hiruta, Y., Sudo, T., Mukai, M. Prediction of thermal fatigue life for encapsulated flip chip interconnection 12023
Doi, K., Nakajima, S., Ishioka, T., Okada, K. Lamination and material technology for printed wiring boards 31603
Doi, K. *see* Giger, M. 57539
Doi, K. *see* Honma, S. 52206
Doi, K. *see* Sogawa, T. 9707
Doi, K. *see* Takubo, C. 20939
Doi, K. *see* Yoshida, H. 28208
Doi, M., Iwasaki, Y., Shionoya, T., Okamoto, K. High-resolution displacement measurement using mode interference in the optical waveguide 59006
Doi, M., Kabe, A., Kojima, Y., Nakai, H., Hara, K., Morita, Y., Hosoyama, K. Test of copper-braid-stabilized bus lines for superconducting dipole magnets 37082
Doi, M. *see* Kato, Y. 43314
Doi, T., Hayano, S., Saito, Y. Wavelet solution of the inverse source problems 44890
Doi, T., Hayano, S., Saito, Y. Wavelet solution of the inverse parameter problems 44893
Doi, T., Hayano, S., Saito, Y. Inverse analysis of magnetic fields by using the wavelets 55968
Doi, T. *see* Takagi, K. 12894
Doi, T. *see* Umetani, K. 7951
Doi, Y. *see* Genda, K. 16505
Doi, Y. *see* Yamanaka, N. 16504
Doi Kunio *see* Kunio Doi
Doicu, A., Wriedt, T. Plane wave spectrum of electromagnetic beams 45161
Doig, A. *see* Wallace, A.R. 19602
Doignon, C. *see* Werghi, N. 5005
Doignon, C. *see* Werghi, N. 56724
Doiron, T., Beers, J.S. Gage block handbook 27917
Doise, D. *see* Kramer, A. 21831
Doisy, Y. *see* Tournois, P. 28109
Doke, T., Hayashi, T., Hasebe, N., Kikuchi, J., Kono, S., Murakami, T., Sakaguchi, T., Takahashi, K., Takashima, T. A new silicon detector telescope for measuring the linear energy transfer distribution over the range from 0.2 to 400 keV/μm in space 28019
Doke, T. *see* Satoh, M. 31796
Doki, S. *see* Tomita, M. 51039
Dokic, B.L. CMOS NAND and NOR Schmitt circuits 1257
Dokiya, M. *see* Itoh, H. 51547
Dokiya, M. *see* Rak-Hyun Song 51525
Dokiya, M. *see* Yasuda, I. 29620
Dokiya, M. *see* Yokokawa, H. 29616
Dokiya, M. *see* Yokokawa, H. 51537
Dokko Seh-Joon *see* Seh-Joon Dokko
Dokos, D. *see* Nagarajan, R. 41718
Dokos, S., Celler, B., Lovell, N. Triphasic response of sinoatrial node pacemaker to brief vagal stimulation: a new model 49723
Dokulilova, S., Akhouayri, H., Giovannini, H. Strain sensor with low-temperature sensitivity based on a weakly multimode optical fibre using coherence multiplexing 17415
Dokumaci, O., Law, M.E. An interpolation technique for the numerical solution of the rate equations in extended defect simulation 12159
Dokumaci, O., Law, M.E. Kinetic model for arsenic deactivation in silicon 41888
Dolabdjian, C., Poupard, P., Martin, V., Gunther, C., Hamet, J.F., Robbes, D. A linearized Josephson-Fraunhofer magnetometer with high-temperature Josephson junction 7294
Dolan, M. *see* Soyuer, M. 21950
Dolan, P. *see* Burghartz, J.N. 21947
Dolan, P.J., Jr. *see* Smith, C.W. 43830
Dolan, R.P. *see* Anc, M.J. 22457
Dolata, R. *see* Kessel, W. 21567
Dolbear, T., Hashemi, H., Herrell, D. Power fidelity performance and thermal management of wirebond pin grid array packages 52221
Dolbear, T.P., Zimmerman, J., Nelson, R.D. Thermal management of high-power multi-chip modules for next generation workstations 41722
Dolbilov, G.V., Azorsky, N.I., Fateev, A.A., Lebedev, N.I., Petrov, V.A., Shvetsov, V.S., Yurkov, M.V., Balakin, V.E., Avrakhov, P.V., Kazakov, S.Yu., Solyak, N.A., Teryaev, V.E., Vogel, V.F. A concept of a wide aperture klystron with RF absorbing drift tubes for a linear collider 37044
Dolce, J.L. *see* Basheer, O.A.A. 8270
Dold, P., Benz, K.W. Modification of fluid flow and heat transport in vertical Bridgman configurations by rotating magnetic fields 52596
Doler, W., Fischer, U., Metzger, I., Harder, D., Grabbe, E. Stereotaxic add-on device for MR-guided biopsy of breast lesions 37647
Doleschal, W. *see* Kuck, H. 13164
Dolev, S., Israeli, A., Moran, S. Resource bounds for self-stabilizing message-driven protocols 46712
Dolev, S., Welch, J.L. Crash resilient communication in dynamic networks 25912
Dolev, S. *see* Abu-Amara, H. 26176
Dolfi, D., Tabourel, J., Durand, O., Laude, V., Huignard, J.-P., Chazelas, J. Optical architectures for programmable filtering of microwave signals 27005
Dolfi, D. *see* Merlet, T. 44200
Dolfi, D.W. *see* Hahn, K.H. 47336
Dolfini, S. *see* Zwart, T. 36368
Dolgachev, G.I., Kalinin, Yu.G., Kingsep, A.S., Nitishinski, M.S., Zakatov, L.P., Ushakov, A.G. Anomalous resistivity effect in the plasma opening switch 19899
Dolgachev, G.I. *see* Barinov, N.U. 29386
Dolgaev, S.I., Lyalin, A.A., Simakin, A.V., Voronov, V.V., Shafeev, G.A. Fast etching and metallization of via-holes in sapphire with the help of radiation by a copper vapor laser 42662
Dolgaev, S.I., Voronov, V.V., Shafeev, G.A., Ammar, C.F.-B., Themlin, J.-M., Cros, A., Marine, W. Laser-induced fast etching and metallization of SiC ceramics 54377
Dolgich, V.T. *see* Valiev, K.A. 55376
Dolgikh, A.V. *see* Sakhno, V.I. 21296
Dolgikh, I.I., Pokhodun, A.I., Chistyakov, V.A. Ensuring the consistency of temperature measurements by thermal-vision devices 59069
Dolgopolov, V.T., Shashkin, A.A., Wendel, M., Kotthaus, J.P., Molenkamp, L.W., Foxon, C.T. Localized electrons in the metallic phase of the two-dimensional electron system at (Al,Ga)As-GaAs heterojunctions 54151
Dolgopolova, M.V. *see* Efthimiopoulos, P. 14353
Dolgoshein, B. Recent developments in detectors 37412
Dolgov, V.V., Kochetkov, L.A., Sharapov, V.N. Water-graphite reactors with tubular fuel elements 38510
Dolgushin, A.I. *see* Didkovskii, L.V. 43590
Dolgyi, L.N. *see* Bondarenko, V.P. 42093
Dolinar, D. *see* Cafuta, P. 20111
Dolinar, D. *see* Grear, B. 29678
Dolinar, D. *see* Ritonja, J. 60252
Dolinar, D. *see* Stumberger, G. 60827
Dolinar, S.J., Jr. *see* Kiely, A.B. 24684
Dolinger, G. *see* Ambacher, O. 21282
Dolinov, D.S., Zherebko, A.K., Lutsiv, V.R., Novikova, T.A. Using artificial neural networks in image-processing problems 56599
D'Oliveira, A. *see* Abe, K. 37234
Doll, T., Lechner, J., Eisele, I., Schierbaum, K.-D., Gopel, W. Ozone detection in the ppb range with work function sensors operating at room temperature 27719
Dollen, D.W.Von *see* Von Dollen, D.W.
Doller, D.C. *see* Bair, A.E. 42692
Dolley, P. *see* Stainforth, D. 50853
Dollfus, P., Musalem, F.-X., Galdin, S., Hesto, P. Operation of SiGe channel heterojunction p-MOSFET 2664
Dollfus, P. *see* Bouillon, P. 43293
Dolling, R., Pozimski, J., Gross, P., Klabunde, J., Spadtke, P. Investigation of space-charge compensation with residual-gas-ion energy analyser 37109
Dolling, R. *see* Pozimski, J. 37108
Dollinger, G. *see* Ambacher, O. 41956
Dollinger, R.E. *see* Sarjeant, W.J. 51447
Dollinger, R.E. *see* Zirnheld, J.L. 51268
Dollinger, S. *see* Frank, K. 51407
Dollo, R., Thezee, C. Radiological protection of personnel in [French] EDF power stations 49826
Dolmans, G. Diversity systems for mobile communication inside a highly reflective room 47588
Dolmans, G. The prediction of the performance of diversity systems by modal analysis and FDTD 47608
Dolo, J.M., Lecerf, N., Tartes, I. Progress in quality control of alanine dosimeters 28468
Dologite, D.G. *see* Chiang-Nan Chao 39657
Dologlou, I., Van Huffel, S., Van Ormondt, D. Improved signal enhancement procedures applied to exponential data modeling 45758
Dologlou, I., van Ormondt, D., Carayannis, G. MRI scan time reduction through non-uniform sampling and SVD-based estimation 28259
Dolotov, S.A. *see* Belov, A.N. 18870
Dolya, S. *see* Antropov, V. 49276
Dom, B. *see* Qian Huang 5588
Dom, J.-P. *see* Begueret, J.-B. 49785
Dom, J.P. *see* Duluc, J.B. 54731
Dom, J.P. *see* Maidon, Y. 20840
Dom, J.P. *see* Maidon, Y. 43218
Dom, J.P. *see* Maidon, Y. 43255
Dom, J.P. *see* Tomas, J. 9893
Dom, J.P. *see* Zimmer, T. 22780
Domadia, A. Manufacturability of TBGA 52263
Domadia, A., Mendoza, D. TBGA bond process for ground and power plane connections 1846
Domae, S. *see* Kato, Y. 43314
Domagala, J. *see* Bak-Misiuk, J. 12215
Domagala, J. *see* Grabecki, G. 42234
Domagala, J. *see* Leszczynski, M. 12225
Domagala, J. *see* Leszczynski, M. 40299
Domanovic, R. *see* Kostic, D. 8517
Domanskaya, L.I. *see* Neifeld, E.A. 22229
Domanskaya, L.I. *see* Neifel'd, E.A. 54060
Domanski, A.W. *see* Wolinski, T.R. 37962
Domanski, M. *see* Bartkowiak, M. 5483
Domanski, M. *see* Handkiewicz, A. 11567
Domashevskaya, E.P. *see* Terekhov, V.A. 54029
Domaszewicz, J., Kukinski, S., Vaishampayan, V.A. Fractal coding versus classified transform coding 56744
Domen, K., Horino, K., Kuramata, A., Tanahashi, T. Optical gain for wurtzite GaN with anisotropic strain in c plane 41900
Domen, K. *see* Kuramata, A. 21253
Domen, K. *see* Kuramata, A. 31857
Domenis, E., Filippi, E., Licciardi, L., Montanaro, A., Paolini, M., Turolla, M., Rouquier, D. Fast prototyping for telecom components using a synthesizable VHDL flexible library 6417
Domer, R. *see* Marwedel, P. 40816

Domeracki, W.F., Dowdy, T.E., Bachovchin, D.M. Topping combustor status for second-generation pressurized fluidized bed cycle application 50795
Domier, C.W. *see* Hsia, R.P. 36865
Domier, C.W. *see* Jiang, F. 36864
Domier, C.W. *see* Zhang, W.-M. 53675
Dominek, A. *see* Wang, N. 14564
Domingo, C. *see* Fernandez, F. 8192
Domingo, G. *see* Solomon, S. 48651
Domingo i Ferrer, J. A new privacy homomorphism and applications 24754
Domingo-Pascual, J. *see* Ventre, G. *(editor)* 9842
Domingues, J.P.P., Teixeira, C.M.L., Correia, C.M.B.A., Cunha-Vaz, J.G. The improvement of solid state light sensors' performance using temperature control in ocular fluorometry applications 49493
Domingues, P.H. *see* Sanchez Li, J.L. 3043
Dominguez, C. *see* Bratov, A. 48458
Dominguez, C. *see* Jimenez, D. 7314
Dominguez, M. *see* Castaner, L. 36969
Dominguez, P.S. *see* Gardner, N.R. 2107
Dominguez Vazquez, J.A., Valle Gonzalez, I., Lorenzo Matilla, S., Ruiz Gonzalez, J.M. Variable and unbalanced three-phases load connected to an DC/AC converter controlled by oriented field theory 51235
Dominguez-Castro, R. *see* Espejo, S. 1669
Dominguez-Navarro, J.A. *see* Garcia-Villares, J.L. 38270
Dominguez-Navarro, J.A. *see* Martin-Del-Brio, B. 38269
Dominguez-Navarro, J.A. *see* Ramirez-Rosado, I.J. 60250
Dominiak-Dzik, G. *see* Ryba-Romanowski, W. 14036
Dominiak-Dzik, G. *see* Ryba-Romanowski, W. 14045
Dominic, V. *see* Grayson, T.P. 6969
Dominic, V. *see* Myers, L.E. 23437
Dominic, V. *see* Nelson, M.D. 4064
Dominic, V.G., Carney, A.J., Watson, E.A. Measurement and modeling of the angular dispersion in liquid crystal broadband beam steering devices 23594
Dominicis, R.De *see* De Dominicis, R.
Dominique, F., Reed, J.H. Despread data rate update multitarget adaptive array for CDMA signals 25901
Dominique, F., Reed, J.H. Simple PN code sequence estimation and synchronisation technique using the constrained Hebbian rule 26478
Dominique, F., Reed, J.H. Estimating spectral correlations using the least mean square algorithm 34770
Dominkovic, D. Retroreflective markers 28581
Domke, C., Ebert, P., Heinrich, M., Urban, K. Microscopic identification of the compensation mechanisms in Si-doped GaAs 2030
Dommann, A. *see* Srite, S. 12673
Dommaschk, R. *see* Richter, K. 14482
Dommel, H.-P., Garcia-Luna-Aceves, J.J. Network support for turn-taking in multimedia collaboration 46741
Dommel, H.-P., Garcia-Luna-Aceves, J.J. Floor control for multimedia conferencing and collaboration 47242
Dommel, H.W. *see* Gole, A.M. 38858
Dommel, H.W. *see* Marti, J.R. 38768
Dommel, H.W. *see* Marti, L. 50572
Dommel, H.W. *see* Nguyen, H.V. 50570
Dommelen, C.H.Van *see* Van Dommelen, C.H.
Domnin, Y.S., Malimon, A.N., Shumyatsky, P.S., Tenishev, V.P. Results of absolute frequency measurements of He-Ne/CH_4 laser during ten years 48337
Domnin, Yu.S., Kopylov, L.N., Malimon, A.N., Tenishev, V.P., Shumyatskii, P.S. Absolute measurements of the frequency of an He-Ne/CH_4 standard over a decade 27203
Dompablo, M.E.Arroyo y de *see* Arroyo y de Dompablo, M.E.
Domrachev, V.M., Merzlyakov, Yu.V., Sigachev, I.P., Sinitsyn, A.P. Device for monitoring of digital angle converters 48461
Domrachev, V.M., Monchak, G.F., Sigachev, L.P., Sinitsyn, A. P. Dual-readout 23-bit digital angle transducer with a precise-reading multipole inductance pickup 7282
Domrachev, V.M., Sigachev, I.P., Sinitsyn, A.P. Amplitude-to-digit converters with two-phase attitude sensors 7280
Domrachev, V.M., Sigachev, I.P., Sinitsyn, A.P. Self-adjusting dual-reading digital angle transducer 36506
Don Choi Sang *see* Sang Don Choi
Don-Chan Cho *see* Nung-Pyo Hong 43445
Don-Ha Hwang *see* Yong-Yoo Kim 60581
Donadio, R. *see* Perrin, B. 26198
Donaghay, P.L. *see* Levine, E.R. 50148
Donaghy, R.J. *see* Armstrong, C.G. 10564
Donahoo, M.J. *see* Calvert, K.L. 46828
Donahue, P.M. *see* Montanaro, J. 1446
Donahue, R. *see* Celata, C.M. 60027
Donahue, R.S. *see* Imbornone, J. 41498
Donaire, T. *see* Armenta-Deu, C. 9516
Donald, A.M. *see* Meredith, P. 12129
Donald, B.R. *see* Bohringer, K.F. 54841
Donaldson, G., Fox, B., Jovanovic, S. Economic loading with dynamic estimation of reserve 19193
Donaldson, G.B. *see* Mosher, J.C. 49471
Donaldson, N. *see* Taylor, S.J.G. 37877
Donaldson, N.de N. *see* de N. Donaldson, N.
Donaldson, P.E.K. Steinmetz, EM radiation and the obtrusive $\pi/2$ 4331
Donaldson, R.F. *see* Chan, H.C.B. 47752
Donaldson, R.L. *see* Kross, M.F. 41004
Donaldson, R.W. *see* Alimuddin, M. 6408
Donaldson, R.W. *see* Alimuddin, M. 47481
Donaldson, R.W. *see* Cobbold, C.M. 6605
Donaldson, W.R. Enterprise data and competition in telecommunications 5914
Donaldson, W.R. *see* Jacobs-Perkins, D. 58844
Donas, B. *see* Carlson, A. 38610
Donatelli, G. *see* Ciccarella, G. 47854
Donati, A. *see* Chirco, P. 37316
Donati, A. *see* Grassi, D. 7849
Donati, A. *see* Ramunno, G. 37332
Donati, S., Falzoni, L., Merlo, S. A PC-interfaced, compact laser-diode feedback interferometer for displacement measurements 17769
Donati, S., Merlo, S., Micolano, F. Feedback interferometry with semiconductor laser for high resolution displacement sensing 17329
Donati, S., Sorel, M. A testing methodology for optical isolators 33258
Donati, S. *see* Annovazzi-Ledi, V. 33015
Donati, S. *see* Bonani, F. 53595
Donati, S. *see* Merlo, S. 48896
Donato, T.F. *see* Askari, F. 28644
Donaton, R.A., Maex, K., Vantomme, A., Langouche, G., Morciaux, Y., St. Amour, A., Sturm, J.C. Co silicide formation on SiGeC/Si and SiGe/Si layers 40388
Doncarli, C. *see* Laurent, H. 34946
Donchenko, E. *see* Smirnov, G. 18190
Donchev, T., Danev, G., Nurgaliev, T., Spassova, E., Tsaneva, V., Chakalova, R., Spasov, A. Thin polyimide protective coating for HTS-thin film devices 55149
Donchev, T. *see* Kojouharov, R. 11700
Donchev, T. *see* Nurgaliev, T. 43740
Donchev, V., Germanova, K. Time evolution of zero-bias photocurrent in semi-insulating GaAs:Cr 12235
Donchin, D.R. *see* Gronowski, P.E. 1444
Donchin, E. *see* Vaughan, T.M. 18557
Doncker, E.de *see* de Doncker, E.
Doncker, R.W.De *see* De Doncker, R.W.
Donckers, M. Space switching and wavelength routing with polymer components 47933
Donckers, M. *see* Horsthuis, W. 26453
Donckers, M. *see* Tumolillo, T.A., Jr. 35890
Donckt, E.Vander *see* Vander Donckt, E.
Donders, J. *see* Hassler, B.A. 59740
Dondi, P. *see* Buchenel, B. 19249
Dondo, M.G., El-Hawary, M.E. Application of fuzzy logic to electricity pricing in a deregulated environment 19124
Done, J. *see* Antos, J. 37373
Done-Doo Lee *see* Chang-Joo Kim 24632
Donecker, J., Lux, B., Reiche, P. Use of optical diffraction effects in crystals for growth characterization 10594
Donegan, H.A., O'Flaherty, D.C., Kernohan, W.G. Towards computer assisted evaluation of plagiocephaly 8024
Donegan, J.F. *see* Logue, F.P. 23984
Donegan, J.F. *see* Logue, F.P. 31970
Donelan, M.A. *see* Plant, W.J. 18888
Donescu, V., Neacsu, D.O., Griva, G. Design of fuzzy logic speed controller for brushless DC motor drives 9620
Donescu, V. *see* Stincescu, R. 38739
Donescu, V.D., Neacsu, D.O. An adaptive fuzzy logic speed control of high performance motor drives suitable for low-cost microprocessor based implementations 20126
Donets, E.D. *see* Baldin, A.M. 37160
Donets, E.E. *see* Baldin, A.M. 37160
Donetskii, D.V. *see* Vorob'ev, L.E. 44528
Doneus, M. *see* Wittmann, H. 51572
Dong, C. *see* Frend, E. 41691
Dong, D. *see* Abe, K. 59233
Dong, F. *see* Karnezos, M. 242
Dong, G., Ruey-Wen Liu Adaptive blind channel identification 5679
Dong, G.S. *see* Kang, S.S. 13413
Dong, H.K., Li, N.Y., Wong, W.S., Tu, C.W. Growth, doping, and etching of GaAs and InGaAs using tris-dimethylaminoarsenic 40426
Dong, J.Q. *see* De-Zhen Wang 41734
Dong, L., Cruz, J.L., Reekie, L., Barcelos, S., Payne, D.N. Chirped fibre Bragg gratings fabricated using etched tapers 16718
Dong, L., Hua, P., Birks, T.A., Reekie, L., Russell, P.S.J. Novel add/drop filters for wavelength-division-multiplexing optical fiber systems using a Bragg grating assisted mismatched coupler 16698
Dong, L., Liu, W.F., Reekie, L. Negative-index gratings formed by a 193-nm excimer laser 33009
Dong, L., Liu, W.F., Reekie, L. Experimental and theoretical study of stable negative index gratings formed at 193 nm 55192
Dong, L., Reekie, L., Cruz, J.L., Caplen, J.E., de Sandro, J.P., Payne, D.N. Optical fibers with depressed claddings for suppression of coupling into cladding modes in fiber Bragg gratings 23484
Dong, L., Shiu, A., Tung, S., Boyer, A. Verification of radiosurgery target point alignment with an electronic portal imaging device (EPID) 49762
Dong, L. *see* Cordier, P. 43946
Dong, L. *see* Cruz, J.L. 13604
Dong, L. *see* Cruz, J.L. 33028
Dong, L. *see* Cruz, J.L. 45475
Dong, L. *see* Douay, M. 55193
Dong, L. *see* Glas, P. 23807
Dong, L. *see* Kazansky, P.G. 13629
Dong, L. *see* Lees, G.P. 44377
Dong, L. *see* Liu, W.F. 43978
Dong, L. *see* Poulsen, C.V. 6756
Dong, L. *see* Reekie, L. 55188
Dong, L. *see* Taverner, D. 13601
Dong, L. *see* Taverner, D. 33407
Dong, L. *see* Taverner, D. 55535
Dong, L.F. *see* Fu, G.S. 40642
Dong, M., Baum, D., Honig, A. Instabilities of a persistent-photoconductivity semiconductor associated with heat transfer to a He-II film 22259
Dong, M. *see* Bult, K. 17268
Dong, N.L. *see* Sebko, P. 40725
Dong, W., Abenavoli, R.I., Carlini, M. Development and utilization of new and renewable energy with Stirling engine system for electricity in China 20089
Dong, X. *see* Tjhung, T.T. 45520
Dong, Y.C., Leong, M.S., Kooi, P.S., Lam, K.Y., Shu, C. Computation of the propagation characteristics of TE and TM modes in waveguides with the use of the generalized differential quadrature method 34139
Dong, Z.W., Boettcher, T., Chen, C.-H., Takeuchi, I., Rajeswari, M., Sharma, R.P., Venkatesan, T. Enhanced magnetoresistance in $YBa_2Cu_3O_7/Nd_{0.7}Sr_{0.3}MnO_3$ heterostructures using magnetic flux focusing 13499
Dong Bi-Zhen *see* Bi-Zhen Dong
Dong Bing *see* Bing Dong
Dong Chen Xiao *see* Chen Xiao Dong
Dong Cho Pyung *see* Pyung Dong Cho
Dong Daojie *see* Daojie Dong
Dong Geun Jeong *see* Byeong Woo Lim 47725
Dong Geun Jeong *see* Dongwoo Kim 47791
Dong Gong Empirical Bayesian method in reliability engineering. II 30375
Dong Guangyu *see* Zhang Peihong 19790
Dong Guojie *see* Guojie Dong
Dong Han Ham, Wan Chul Yoon The effects of principle knowledge in novel fault diagnosis 39878
Dong Hee Hong *see* Chan Hong Kim 45457
Dong Heon Kang *see* Ki Hyun Yoon 2274
Dong Heon Kang *see* Ki Hyun Yoon 54933
Dong Hi Lee *see* Hyun Soo Shin 54133
Dong Ho Park *see* Seung Min Lee 30458
Dong Ho Shin *see* Chul Woo Lee 43910
Dong Ho Wu, Santer, M., Booth, J.C., Phillips, J., Anlage, S.M. Microwave device applications and high frequency electrodynamics of high temperature superconductors 32903
Dong Hoon Jang *see* Chongdae Park 23906
Dong Hoon Lee, Daihee Park An efficient algorithm for fuzzy weighted average 56463
Dong Hwan Han *see* Bong Dae Choi 5748
Dong Hyuk Shin *see* Tae Ho Kim 22573
Dong Hyun Kim, Hee Chul Lee Selective lateral etching of $Al_{0.3}Ga_{0.7}As/GaAs$ heterojunction structure using the redox solution of I_2/KI 54372
Dong Hyun Yun, Chul Han Kwon, Hyung-Ki Hong, Hyun Woo Shin, Seung-Ryeol Kim, Kyuchung Lee Abnormal current-voltage characteristics of WO_3-doped SnO_2 oxide semiconductors and their applications to gas sensors 27726
Dong Hyun Yun *see* Hyung-Ki Hong 36760
Dong Jing *see* Jing Dong
Dong Jingxing *see* Xiang Shiqing 33376
Dong Jinquan *see* Jinquan Dong
Dong Jung Kang, In So Kweon A visual tracking algorithm by integrating rigid model and snakes 56815
Dong Jung Kang, Jang Won Choi, In So Kweon Finding and tracking road lanes using "line-snakes" 21025
Dong Ki Shin *see* Yun Hi Lee 58927
Dong Kim Sang *see* Sang Dong Kim
Dong Kook Park, Jung Woong Ra An electric field induced on the same plane by a point dipole source within a conductor-backed lossy dielectric slab above the earth 56184
Dong Kwon Sang *see* Sang Dong Kwon
Dong Lee, J. *see* Lin Ruey-Shiung 59828
Dong Lee Hae *see* Hae Dong Lee
Dong Liang Peng, Sumiyana, K., Konno, T.J., Suzuki, K. Perpendicular magnetic anisotropy of Fe-Cr-N films prepared by DC reactive sputtering 55028
Dong Lida *see* Lida Dong
Dong Liqin *see* Liqin Dong
Dong Myung Ahn *see* Sung Ho Lim 5721
Dong Myung Choi *see* Duck Min Lee 40960
Dong Nai-Han, Wu Guang-Hui The study of millimeter wave remote sensing system in the application of reentering environment 60103
Dong Pan, Jinmin Li, Yiping Zeng, Meiying Kong Long period two-dimensional gratings for 8-12 μm quantum well infrared photodetectors 7334
Dong Pan *see* Pan Dong
Dong Seek Park *see* Feng Chen 57285

Dong Sheqin, Chen Shuang, Gao Guoan Hardware implementation of displaying algorithm of a real-time computer image generation system 15654
Dong Shim Jae *see* Jae Dong Shim
Dong Shin Seo *see* Sang-Keun Kwon 41331
Dong Sik Kim The convergence characteristics of the time-averaged distortion in vector quantization. I. Theory based on the law of large numbers 14805
Dong Sik Kim, Taejeong Kim, Sang Uk Lee On testing trained vector quantizer codebooks 35293
Dong Sik Kim *see* Seop Hyeong Park 57221
Dong Su *see* Su Dong
Dong Su Shin *see* Hee Sang Chung 44063
Dong Sun, Zhou, Z.Y., Liu, Y.H., Shen, W.Z. Development and application of ultrasonic surgical instruments 59780
Dong Woo Cho *see* Byung-Kwon Min 59004
Dong Wook Kim *see* Jin Tae Kim 15678
Dong Wu, Fuqin Xiong Multiple-symbol differential detection of $\pi/4$ QPSK over land mobile satellite communications channels 6561
Dong Xian Lin *see* Xian Lin Dong
Dong Xiang, Patel, J.H. A global algorithm for the partial scan design problem using circuit state information 40971
Dong Xiaofeng *see* Xiaofeng Dong
Dong Xiaoli *see* He Jingtang 37295
Dong Xinzhou, Ge Yaoxhong, Xu Bingyin, Chen Ping, Li Jing Study of transmission line fault location based on travelling waves and GPS technique 38446
Dong Xu, Heiss, H., Sexl, M., Kraus, S., Bohm, G., Trankle, G., Weimann, G., Abstreiter, G. 2 S/mm transconductance InAs-inserted-channel modulation doped field effect transistors with a very close gate-to-channel separation of 14.5 nm 54706
Dong Xu *see* Duorong Yuan 32982
Dong Xu *see* Xu Dong
Dong Xuefeng *see* Xuefeng Dong
Dong Yang *see* Yang Dong
Dong Yang Xiao *see* Yang Xiao Dong
Dong Yong Kim *see* Takagi, S. 53418
Dong Yoo *see* Jaehyung Park 26423
Dong Yoo Sang *see* Sang Dong Yoo
Dong Yoon Kim *see* Su Sun Kim 15811
Dong Yun Il *see* Il Dong Yun
Dong Yunhan *see* Yunhan Dong
Dong Zaiwang *see* Zaiwang Dong
Dong Zhangzhuo *see* Qing Hongxia 29509
Dong Zhenhua *see* Zhang Peihong 19790
Dong Zhiwei FEL small signal gain theory for transverse optical klystron 24034
Dong Zhou Wei *see* Wei Dong Zhou
Dong-Chan Kim, Byung-Yoon Kim, Byung-Il Lee, Dong-Hwan Kim, Seung-Ki Joo Development of Al plasma assisted chemical vapor deposition using DMEAA 42663
Dong-Chan Kim, Young-Soung Kim, Seung-Ki Joo Plasma assisted chemical vapor deposition of aluminum for metallization in ULSI 42673
Dong-Chan Kim *see* Byung-Yoon Kim 42659
Dong-Choon Lee, Dong-Hee Kim, Dae-Woong Chung Control of PWM current source converter and inverter system for high performance induction motor drives 51660
Dong-Choon Lee, Seung-Ki Sul Decoupling control of paralleled single-phase GTO PWM converters for electric traction drives 29776
Dong-Choon Lee *see* Dae-Woong Chung 29718
Dong-Duk Lee *see* Byung-Jin Cho 42511
Dong-Gak Kim, Chang-Min Kim Analysis of 1×2, 1×3 and 1×4 optical power divider using multiple waveguides coupler 4325
Dong-Ge Ma *see* Ma Dong-Ge
Dong-Gu Lee, Singh, R.K. Synthesis of (111) oriented diamond thin films by electrophoretic deposition process 40391
Dong-Guy Kang *see* Hahn, M. 4587
Dong-Gyu Sim, Rae-Hong Park A two-stage algorithm for motion discontinuity-preserving optical flow estimation 35167
Dong-Gyu Sim *see* In Su Chang 56720
Dong-Gyu Sim *see* Oh-Kyu Kwon 57485
Dong-Gyu Yim *see* Seong-Ho Jeon 32271
Dong-Hee Kim *see* Dong-Choon Lee 51660
Dong-Hee Kim *see* Ki-Youn Joe 19877
Dong-Hi Lee *see* Byoung-Gue Min 31908
Dong-Hi Lee *see* Il-Ho Kim 39252
Dong-Hi Lee *see* Il-Ho Kim 42038
Dong-Ho Cho *see* Sung-Won Lee 26226
Dong-Ho Kim *see* Yun-Hi Lee 17710
Dong-Ho Lee, Young-Shik Moon, Yo-Sung Ho An implementation of MPEG-2 standard decoder with a design of the transport stream demultiplexer 5021
Dong-Hoon Han, Hyo-Kyung Sung, Ki-Tae Park, Yong-Hyon Cho, Heung-Moon Choi Neural network approach to the nonlinear shape restorations 25349
Dong-Hoon Lee *see* Hyunsang Hwang 43062
Dong-Hui Xue *see* Xue Dong-Hui
Dong-Hun Kim, Ji-Kwang Lee, Song-Yop Hahn, Gueesoo Cha New levitation scheme with AC superconducting magnet for EDS MAGLEV system 9646
Dong-Hun Kim *see* Jin-Ho Lee 43838
Dong-Hwa Lu, Shen-Nan Huang, Cheng, K.Y. Design of a software tool for vocal tract simulation systems 56419
Dong-Hwan Kim *see* Dong-Chan Kim 42663
Dong-Hwan Ko, Hahn, H. Recognition of contact surfaces using optical tactile and F/T sensors integrated by fuzzy fusion algorithm 25793
Dong-Hyeok Cho *see* Dong-Joon Sim 50954
Dong-Hyun Kim *see* Byung-Gu Kwak 60890
Dong-Hyun Kim *see* Seog-Hoon Lee 16802
Dong-Hyun Kim *see* Seog-Hoon Lee 58318
Dong-Hyun Lee *see* Persaud, K.C. 36751
Dong-Ik Lee, Kumagai, K. A basic theorem for composition of state machines 52465
Dong-Il Kim *see* Dong-Won Kim 54891
Dong-Il Seo *see* Jin-Man Han 1416
Dong-Il Song *see* Myeong-Hwan Lee 48787
Dong-In Lee *see* Kwang-Sik Lee 2889
Dong-Jin Kweon *see* Yong-Han Yoon 38767
Dong-Jo Park *see* Kwang-Seop Eom 4860
Dong-Jo Park *see* Kwang-Seop Eom 15213
Dong-Joe Kwak *see* Byung-Gu Kwak 60890
Dong-Joon Kim, Young-Kwan Moon, Seung-Heon Lyu, Jin-Boo Choo A study on the PSS model identification of Chungpyung pumped storage generator 60583
Dong-Joon Sim, Dong-Hyeok Cho, Jang-Sung Chun, Hyun-Kyo Jung, Tae-Kyoung Chung Efficiency optimization of interior permanent magnet synchronous motor using genetic algorithms 50954
Dong-Joon Sim, Hyun-Kyo Jung, Song-Yop Hahn, Jong-Soo Won Application of vector optimization employing modified genetic algorithm to permanent magnet motor design 50955
Dong-Kurl Kwak, Ki-Young Suh, Soon-Kurl Kwon, Hyun-Woo Lee A high efficiency DC-DC boost converter by partial resonant switching mode 29379
Dong-Kwan Shin, Jae-Hong Park, Hyuck-Jae Lee Cutoff rate of 16-DAPSK over a Rayleigh fading channel 34547
Dong-Myung Lee, Jung-Byung Park, Do-Sung Kim, Hee-Dong Kang Development of digital X-ray image sensor using a two-dimensional multiwire proportional chamber 37576
Dong-Myung Lee, Nam-Joon Kim, Dong-Seok Hyun Vector control of induction motors with identification of rotor time constant 29292
Dong-o Jeon Compact finite difference method for calculating magnetic field components of cyclotrons 59118
Dong-qi Zhu *see* Jun Hu 20128
Dong-Ryul Ryu *see* Kyuchan Lee 53291
Dong-Seek Hyun *see* In-Ho Song 29455
Dong-Seok Hyun *see* Bum-Seok Suh 38808
Dong-Seok Hyun *see* Bum-Seok Suh 38879
Dong-Seok Hyun *see* Byoung-Kuk Lee 51125
Dong-Seok Hyun *see* Dong-Myung Lee 29292
Dong-Seok Hyun *see* Ho-Seok Lee 39262
Dong-Seok Hyun *see* Jae-Hyeong Suh 29378
Dong-Seok Hyun *see* Jae-Hyeong Suh 51190
Dong-Seok Hyun *see* Nam-Joon Kim 29305
Dong-Seok Hyun *see* Soon-Bong Cho 50978
Dong-Seok Hyun *see* Young-Kook Lee 42970
Dong-Seong Park, Min-Seok Jang, Dong-Yon Kim, Jai-Yong Lee, Sang-Bae Lee An adaptive protocol configuration model for function-based transport protocol architecture 5835
Dong-Seong Park, Min-Seok Jang, Sang-Heon Lee, Jai-Yong Lee, Sang-Bae Lee A protocol machine configurator for highly flexible transport protocol 5837
Dong-Soo Yoon, Hong Koo Baik, Byoung-Sun Kang, Sung-Man Lee Effect of interposed Cr layer on the thermal stability of Cu/Ta/Si structure 2431
Dong-Soon Kang *see* Sam-Yong Bahng 56806
Dong-Suk Hyun *see* Jae-Hun Jung 51219
Dong-Suk Shin, Mok-Dong Chung, Chong-Ho Woo A design of control-logic for real-time reconfiguration using pseudo faulty processing elements on the single track VLSI arrays 11372
Dong-Suk Yuk, ChiWei Che, Limin Jin, Qiguang Lin Environment-independent continuous speech recognition using neural networks and hidden Markov models 34638
Dong-Suk Yuk *see* ChiWei Che 15083
Dong-Sun Choi, Joo-Shin Lee Full face recognition using the feature extracted by shape analyzing and the back-propagation algorithm 56907
Dong-Sun Park *see* Jaiwan Cho 46021
Dong-Tsuen Lin *see* Jan-Shing Su 2701
Dong-uk Cho, Bae, J.J. Fuzzy-set based feature extraction for objects of various shapes and appearances 57476
Dong-Uk Cho, Bae, K.J. Feature extraction using fuzzy relations for objects of various shapes 25336
Dong-Uk Choi *see* Hyoung-Sub Kim 1357
Dong-Wan Kim *see* Byung-Hyuk Jun 55374
Dong-Wan Kim *see* Chang-Sun Hwang 9265
Dong-wan Tcha, Yong-joo Chung, Taek-jin Choi A new lower bound for the frequency assignment problem 36019
Dong-Wan Tcha *see* Sung-Hark Chung 26882
Dong-Wan Tcha *see* Young-Soo Myung 58304
Dong-Won Kim, Kap-Jung Kim, Dong-Il Kim, Won-Jun Lee, Seung-Yun Lee, Lee, Y.J., Sa-Kyun Rha, Chong-Ook Park Effects of the integrity of silicon thin films on the electrical characteristics of thin dielectric ONO film 54891
Dong-Won Kim *see* Sa-Kyun Rha 12616
Dong-Won Kim *see* Won-Jun Lee 40595
Dong-Woo Kim Plate-to-CCD convertor. II. Surface photometry of early type galaxies 7231
Dong-Wook Kim, Jae-Jin Lee, Young-Se Kwon, Song-Cheol Hong Characteristics of an area-variable varactor diode 11689
Dong-Wook Kim *see* Tae-Yong Choi 53209
Dong-Wook Kim *see* Yeong-An Jeong 57057
Dong-Wook Seo *see* Ick-Sung Choi 1220
Dong-Xue Wang, Karim, M.A., Yao Li Modulation function of self-referenced fiber optic sensor for microdisplacement measurement 58772
Dong-Yon Kim *see* Dong-Seong Park 5835
Dong-Yong Kwak, Hong-Shik Park A CAC algorithm using CDV measurement 5791
Dong-Yong Kwak *see* Man-Yeong Jeon 5959
Dong-Young Yi, Seung Hwangbo, Min-Koo Han, Dae-Hee Park Effect of elongation on the electrical properties and morphology of polypropylene 13289
Dong-Young Yi *see* Seung Hwang-Bo 13273
Dong-Young Yi *see* Seung-Ik Jeon 23110
Dong-Yueh Liu *see* Yi-Ping Hung 17660
Dongarra, J. *see* Barrett, R. 585
Dongarra, J. *see* Wasniewski, J. *(editor)* 20380
Dongbing Wei *see* Goodyear, C.C. 14941
Dongchang Sun, Dajun Wang, Xu, X.L. Distributed piezoelectric segment method for vibration control of smart beams 43591
Dongchang Sun *see* Sun Dongchang
Dongchen Lu *see* Hac, A. 6313
Dongcheng Hu *see* Yupin Luo 57671
Dongen, T.van *see* van Dongen, T.
Dongen, T.von *see* von Dongen, T.
Dongfa Gao *see* Gao Dongfa
Dongfeng Liu *see* Liu Dongfeng
Donggang Yu, Hong Yan An efficient algorithm for smoothing binary image contours 5398
Dongge Ma *see* Ma Dongge
DongGill Lee, JoonKyung Lee, Wan Choi, Byung Sun Lee, Chimoon Han A new integrated software development environment based on SDL, MSC, and CHILL for large-scale switching systems 47475
Donggun Park, Chenming Hu, Zheng, S., Nguyen Bui A full-process damage detection method using small MOSFET and protection diode 12935
Donghai Yang, Fengzhi Wang, Yiqiu Wang Research on small optically pumped cesium beam frequency standards at Peking University 48321
Donghai Yang *see* Yiqiu Wang 48306
Donghan Lee *see* Hee Sang Chung 44063
Donghan Yu Expert opinion elicitation process using a fuzzy probability 60513
Donghau Yu *see* Yu Donghau
Dongho Kim *see* Young-Nam Hwang 12500
Dongho Kim *see* Young-Nam Hwang 22392
Donghoon Lee *see* Jangwoo Kwon 59803
Donghui Li *see* Carothers, J.D. 12055
Dongjin Bae, Dowan Kim, Hyun-kyo Jung, Song-yop Hahn, Chang Seop Koh Determination of induction motor parameters by using neural network based on FEM results 51023
Dongjin Yao *see* Yao Dongjin
Dongkin Xu, Fancourt, C., Chuan Wang Multi channel HMM 14995
Dongliang Hu *see* Hu Dongliang
Donglin Li, Liangying Zhang, Xi Yao Synthesis of pure $KTiOPO_4$ nanocrystallites and $KTiOPO_4/SiO_2$ nanocomposite powders by sol-gel method 52861
Donglin Zu *see* Zu Donglin
Dongmei Wang *see* Juin-Hwey Chen 14915
Dongmei Zhang *see* Zhang Dongmei
Dongmin Liang *see* Liang Dongmin
Dongming Qiu *see* Yaoming Chen 54738
Dongming Wang Solving polynomial equations: characteristic sets and triangular systems 21125
Dongming Zhao, Bingcheng Li A new implementation of discrete multiscale filtering 56928
Dongming Zhao *see* Xintong Zhang 56702
Dongmo, J.M., Salam, F.G., Erten, G. Adaptive fuzzy control of AC motors for electric vehicles and manufacturing systems 9649
Dongsheng Hsu Effects of the series resistance on Fowler-Nordheim tunneling oscillations 42318
Dongsheng Li *see* Li Dongsheng
Dongsheng Wang, Yunping Yang, Jizuo Zou New correction method for FTIR on-line film thickness measurement 36917
Dongsheng Wu, Saul, J.P., Bin He Epicardial inverse solutions from body surface Laplacian maps: a model study 59679
Dongsheng Yao *see* Yao Dongsheng
Dongsheng Zhang *see* Qifeng Yu 27893
Dongsheng Zhang *see* Zhang Dongsheng
Dongsheng Zhou, Spee, R., Alexander, G.C. Experimental evaluation of a rotor flux oriented control algorithm for brushless doubly-fed machines 29212
Dongsong Sun *see* Sun Dongsong
Dongsoo Har, Xia, H.H., Bertoni, H.L. Path loss formulas for PCS microcells based on environmental parameters 47769
Dongun Yun *see* Seungwon Choi 34839
Dongwoo Kim, Byeong Woo Lim, Dong Geun Jeong An efficient paging scheme for overlaid microcell/macrocell systems 47791
Dongwoo Kim *see* Sehun Kim 58140
Dongxia Zou *see* Zou Dongxia
Dongxian Zhang *see* Zhang Dongxian
Dongxiang Jiang *see* Jiang Dongxiang

Dongxiang Zhang *see* Zhang Dongxiang
Dongxiao Zhang, Mingye Liu The determination of a VHDL subset for high level synthesis and its implementation methodology 52983
Dongxing Jin *see* Suomin Cui 48052
Dongzheng Zhang *see* Zhang Dongzheng
Donham, B.L. *see* Gilbert, B.K. 31657
Donham, C. *see* Mueller, P. 34707
DonHee Jung, TaeIn Yun, Duckjin Chung Design of 12 bit multiplier using the redundant binary representation 21657
Donhenko, S.I., Kroshkin, A.N. Method of prompt synchronization of high-precision time and frequency standards on moving objects 17169
Doniach, S. Studies of the structure of matter with photons from an X-ray free-electron laser 49356
Donigan, M.S. *see* Walter, A.E. 58903
Donis-Hernandez, G., Munoz-Rodriguez, D., Tekinay, S. ATM virtual cell area determination in PCS networks 47667
Donis-Hernndez, G., Munoz-Rodriguez, D., Tekinay, S. ATM virtual cell area determination in PCS networks 47754
Donitson, P.P. Quantitative evaluation of edge preserving noise-smoothing filter 5041
Donk Soo Nam *see* Kyung Joo Mo 30384
Donlagic, D., Zavrsnik, M., Donlagic, D. Low-frequency acoustic resonance level detector with neural-network classification 27453
Donlagic, D. *see* Donlagic, D. 27453
Donlagic, D. *see* Matko, V. 27466
Donlagic, D. *see* Matko, V. 36497
Donlangic, D. *see* Ritonja, J. 60252
Donlon, J.F. *see* Motto, E.R. 39267
Donlon, W.T. *see* Johnson, F. 41696
Donn, M., Yanni, P., Bernstein, U. Realistic approach to an IR mission rehearsal simulator 19034
Donnadieu, O. *see* Saint-Pe, O. 49977
Donnell, A.J., Singhal, S.C. SPC implementation for improving product quality 20975
Donnelly, A., Smythe, C. A tutorial on the Digital Audio-Visual Council (DAVIC) standardisation activity 57987
Donnelly, D. *see* Grun, J. 42360
Donnelly, D.E., Zikes, B.C. An intelligent ignition system 61331
Donnelly, J.P., Walpole, J.N., Betts, G.E., Groves, S.H., Woodhouse, J.D., Missaggia, L.J., O'Donnell, F.J., Bailey, R.J. High-power 1.3-μm InGaAsP/InP lasers and amplifiers with tapered gain regions 14195
Donnelly, J.P., Walpole, J.N., Betts, G.E., Groves, S.H., Woodhouse, J.D., O'Donnell, F.J., Missaggia, L.J., Bailey, R.J., Napoleone, A. High-power 1.3-μm InGaAsP-InP amplifiers with tapered gain regions 3831
Donnelly, J.P. *see* Walpole, J.N. 3824
Donnelly, K.S., Yiu-Fai Chan, Ho, J.T.C., Tran, C.V., Patel, S., Lau, B., Kim, J., Chau, P.S., Huang, C., Wei, J., Yu, L., Tarver, R., Kulkami, R., Stark, D., Johnson, M.G. A 660 MB/s interface megacell portable circuit in 0.3 μm-0.7 μm CMOS ASIC 11610
Donnelly, R., Power, D. The behavior of electromagnetic localized waves at a planar interface 45108
Donnelly, R. *see* Tiwari, V. 53325
Donnelly, R.G., Lightfoot, R.S. Information technology support of strategic management activities 9954
Donnelly, T., Davey, P.J., Carlyon, S. Laser-operated mouse for a physically disabled child 59823
Donnelly, W. The management of VC-based switched ATM networks 35600
Donnelly, W. *see* Carswell, J. 8429
Donnelly, W. *see* Wade, V. 46926
Donner, G., Kalhori, B. A user's experience with the design process for a multi-layer redundant UPS system for use in a chemical plant 51903
Donner, G., Subler, W. API 541 Third Edition: an improved purchasing specification [for electric motors] 29201
D'Onofrio, A. *see* Campajola, L. 7751
Donoho, D.L. Unconditional bases and bit-level compression 24987
Donoho, D.L., Mallat, S., von Sachs, R. Estimating covariances of locally stationary processes: consistency of best basis methods 34958
Donoho, D.L. *see* Buckheit, J.B. 34899
Donoho, D.L. *see* Yu, T.P.Y. 37589
Donohoe, G.W. *see* Holland, R. 37649
Donohoe, G.W. *see* Yu, B.C. 15517
Donohoe, J.P., Taylor, C.D. On the axial aperture electric field resonances of open-ended missile-like structures 45198
Donohue, G. FAA acquisition reform 59972
Donohue, J.T. *see* Gardelle, J. 7717
Donohue, K.D. *see* Varghese, T. 28107
Donohue, P.P. *see* Wood, A.P. 36659
Donohue, R.P. *see* Yun, K.Y. 6139
Donohue, T. *see* Lang Rong 36207
Donolato, C., Markvart, T. Comments on "Relationship between dark carrier distribution and photogenerated carrier collection in solar cells"[and reply] 29648
Donolato, C., Nipoti, R., Govoni, D., Egeni, G.P., Rudello, V., Rossi, P. Images of grain boundaries in polycrystalline silicon solar cells by electron and ion beam induced charge collection 39038
Donoso, A., Machado, E., Valdivia, D., Fehr, C., Gutierrez, G. Role of the temperature in the chaotic behavior of a p-n junction 42056
Donoval, D. DEVSIM–a useful educational tool for the design and analysis of semiconductor devices 13100
Donovan, B.D. *see* Ramalingam, M.L. 27047
Donovan, B.D. *see* Ramalingam, M.L. 29387
Donovan, E.P. *see* Chrisey, D.B. 10898
Donovan, G.C., Geronimo, J.S., Hardin, D.P., Kessler, B. A construction of two-dimensional multiwavelets on a triangulation 25057
Donovan, S.M. *see* Pearton, S.J. 22591
Dontenwille, M. *see* Guillemot, C. 26445
Donti, R.P. *see* Friebele, E.J. 17439
Dony, C. *see* Esfandiari, B. 5962
Dony, E. *see* Bouzette, S. 40054
Donzellini, G. *see* Da Bormida, G. 20567
Donzellini, G. *see* Ponts, D. 20602
Doo, S.G., Lee, H.B., Oh, J.Y. Impedance studies of roll-pressed porous zinc electrode for Ni-Zn battery 61054
Doo Chul Kim *see* Sang Chil Lee 54189
Doo-Cheol Park *see* Hyun-Chul Ko 12511
Doo-Hwan Bae *see* Hyunsuk Seung 57854
Doo-Hyun Choi, Se-Young Oh, Kwang-Ick Kim Connectionist-nonconnectionist fusion architecture for high speed road following 7418
Doo-Jin Choi *see* Kyoung-Ryul Yoon 40596
Doo-Sung Shin, Min-Koo Han, June-Ho Lee, Bok-Kyu Lee, Young-Hwan Ohk The effects of the distribution pattern of multiple voids within LDPE on partial discharge characteristics 19375
Doo-Sung Shin *see* Seung-Ik Jeon 23110
Doohyun Kim *see* Kyung Hee Lee 26273
Dooley, G.J. *see* Blamey, P.J. 28432
Dooley, K. *see* Stevenson, S. 26320
Dooley, L.S. *see* Hartmann, K. 35315
Dooling, D. The Continuous Electron Beam Accelerator Facility 18059
Dooling, D. Aerospace and military [technology development] 28497
Dooling, D. Transportation 29799
Dooply, A.E. *see* Nowick, S.M. 53238
Dooply, A.E. *see* Yun, K.Y. 53236
Dooren, P.Van *see* Van Dooren, P.
Doorn, A.K.Jansen van *see* Jansen van Doorn, A.K.
Doorn, A.K.J.Van *see* Van Doorn, A.K.J.
Doorn, T.Van *see* Van Doorn, T.
Doppalapudi, D. *see* Singh, R. 40386
Doppelbauer, A., Muller, C., Lutz, W., Steinwender, G., Auff, E. A line camera system for movement analysis: scientific use in neurorehabilitation 8080
Doppelbauer, M. New results on the commutation of DC machines using harmonic field theory 51038
Doppelt, P., Stelzle, M. Selective metallization of silica surfaces by copper CVD using a chemical affinity pattern created by gas phase silylation and UV exposure 42722
Doquet, M. *see* Trogneux, F. 8845
Dora, J.Della *see* Della Dora, J.
Doradla, S.R. *see* Deshpande, V.V. 29395
Dorado, J. *see* Pazos, A. 59808
Doradzinski, R. *see* Dwilinski, R. 10619
Dorai, C. *see* Jain, A.K. 56699
Doraiswami, R. Fault diagnosis using a combined parametric and non-parametric approach 34968
Doran, N.J. *see* Devaney, J.F.L. 58343
Doran, N.J. *see* Pare, C. 47932
Doran, N.J. *see* Pattison, D.A. 14011
Doran, N.J. *see* Smith, N.J. 6718
Doran, N.J. *see* Smith, N.J. 33650
D'Orazio, A., De Sario, M., Ficarella, G., Petruzzelli, V., Prudenzano, F. Design of active switches using an $In_xGa_{1-x}As_yP_{1-y}$/InP heterostructure 26860
D'Orazio, A. *see* Bozzetti, M. 3411
Dorband, J.E. *see* Aburdene, M.F. 25157
Dorchak, A. Tighten the loop when testing embedded systems 7157
Dorchies, F. *see* Amiranoff, F. 17898
Dorda, J.Roca *see* Roca Dorda, J.
Dore, S., Kearney, R.E., De Guise, J.A. Experimental correlation-based identification of X-ray CT point spread function. I. Method and experimental results 49515
Dore, S., Kearney, R.E., De Guise, J.A. Experimental correlation-based identification of X-ray CT point spread function. II. Simulation and design of input signal 49516
Doren, T.P.Van *see* Van Doren, T.P.
Doren, T.Van *see* Van Doren, T.
Dorenbos, P., de Haas, J.T.M., van Eijk, C.W.E. The intensity of the 173 nm emission of LaF_3:Nd^{3+} scintillation crystals 23671
Dorenbosch, J., Lee, J.-A., Wang, C. A simulation model for solenoidal detector collaboration data acquisition system 44992
Dorer, G. *see* Powell, R.C. 39062
Doreswamy, C.V. *see* Vayner, B.V. 28572
Dorey, A.P. *see* Baker, K. 11607
Dorey, H. Microengineering–its application to the petrochemical industry 51915
Dorfan, D. *see* Unno, Y. 37395
Dorfan, D.E. *see* DeWitt, J. 59243
Dorfan, D.E. *see* Sadrozinski, H.F.W. 37399
Dorffner, G. *see* Magdolen, J. 59701
Dorfi, H.R., Busby, H.R., Janssen, M. Acoustoelasticity: ultrasonic stress field reconstruction 11010
Dorfman, B.F. *see* Polyakov, V.I. 54268
Dorfman, S., Fuks, D., Gordon, A., Wyder, P. Phase growth of smart materials in a magnetic field 10967
Dorgeuille, F., Mersali, B., Feuillade, M., Sainson, S., Brandon, J., Carenco, A. 2×2 InP-based switch matrix using integrated tapered optical amplifier gates 13689
Dori, L., Cardinali, G.C., Fiorini, M., Guerri, S., Maccagnani, P., Sayago, I., Angelucci, R., Negrini, P., Corticelli, F., Rizzoli, R., Summonte, C., Sardo, A. Micromachining of silicon substrate and ultra thin Si_3N_4 membrane technologies for the fabrication of integrated thin film gas sensors 58900
Dori Dov *see* Dov Dori
Dorighi, J., Krishnaswamy, S., Achenbach, J.D. Response of an embedded fiber optic ultrasound sensor 36981
Doring, H. State of the art of klystrons (part II) 41799
Doring, H., Clasen, H., Zweynert, M., Garche, J., Jorissen, L. Materials for bipolar lead-acid batteries 9481
Doring, H. *see* Schmietainski, U. 23819
Doring, W. *see* Novotny, R. 59270
Doriot, P.-A., Dorsaz, P.-A., Dorsaz, L., Rutishauser, W. Overestimation of stenosis severity by single plane geometric measurements 37651
Doriot, P.-A., Dorsaz, P.-A., Dorsaz, L., Rutishauser, W. Indicator dilution theory and densitometric blood flow measurements 37685
Dorizzi, B. *see* Garcia-Salicetti, S. 15559
Dorizzi, B. *see* Garcia-Salicetti, S. 25755
Dorizzi, B. *see* Garcia-Salicetti, S. 57121
Dorkel, J.-M., Tounsi, P., Leturcq, P. Three-dimensional thermal modeling based on the two-port network theory for hybrid or monolithic integrated power circuits 11184
Dorkel, J.-M. *see* Vales, P. 11182
Dorkel, J.-M. *see* Vales, P. 22942
Dorman, C. *see* Rogers, D. 50165
Dormand, J.R. *see* Baker, T.S. 21169
Dormann, J.L. *see* Nicoara, G. 55036
Dorme, C. *see* Fink, M. 37724
Dormeier, S. *see* Panreck, K. 10962
Dormer, L. *see* Sheinberg, M. 49469
Dormido, S. *see* Vega, J. 4488
Dormidontov, A.G. *see* Pastushenkov, Yu.G. 55021
Dorn, T. *see* Evertsz, C.J.G. 49449
Dornberger, E., von Ammon, W., Van den Bogaert, N., Dupret, F. Transient computer simulation of a CZ crystal growth process 10606
Dornberger, E. *see* Sinno, T. 54046
Dornbrowski, G.E. Improved Poisson solver for Cfa/magnetron simulation 1935
Dorne, R., Jin-Kao Hao Constraint handling in evolutionary search: a case study of the frequency assignment 16615
Dornen, A. *see* Scholz, F. 30829
Dornik, A.Van *see* Van Dornik, A.
Dornik, M., Dubenkov, V.P., Filimonov, A., Hoffmann, D.H.H., Kulish, M., Laux, W., Seelig, W., Sharkov, B., Spiller, P., Stetter, M., Stoeckl, C., Stoewe, S., Suess, W., Wetzler, H. Heavy-ion-beam-induced motion in rare-gas cryo targets 59164
Dornik, M. *see* Stetter, M. 59163
Dorofeev, A. *see* Bondarenko, V. 44305
Dorofeev, A.M. *see* Bondarenko, V.P. 42093
Dorofeeva, M.V., Omelaev, A.I. Reflective scanning systems for optoelectronic devices in the IR range 17482
Dorogan, V. *see* Bertolotti, M. 48978
Dorogan, V.V., Brynzar', V.I., Korotchenkov, G.S., Vieru, T.S., Kosyak, V.A. Selective photodiode with two-coordinate sensitivity 13833
Dorogan, V.V. *see* Syrbu, N.N. 811
Doroodchi, M., Reza, A.M. Fuzzy cluster filter 56588
Doros, M. *see* Czenviliska, A. 49703
Doros, M. *see* Czerwinska, A. 49700
Doroshenko, V. On the diffraction of electromagnetic waves by biconical structure with longitudinal slots 45059
Doroshenko, V.S. *see* Maslov, K.I. 60109
Doroshkevich, E.A. *see* Akimov, V.A. 28024
Dorosinskii, L.G., Lysenko, T.M. Side-looking radar data in the classification of spatially-distributed objects 6952
Doroslovacki, M. On operators providing shift-invariant uncertainty limit 25025
Dorozhkin, L.M. *see* Maslov, K.I. 60109
Dorozhkin, N.N. *see* Filonov, A.B. 42009
Dorozhkin, S.I., Landwehr, G. Effect of uniaxial mechanical stress on Shubnikov-de Haas oscillations in hole channels of silicon field-effect transistors 32458
Dorpelkus, K.-P. ATM–the communication technology of the future? 35423
Dorpelkus, K.-P. ATM–the communication technology of the future? 46626
Dorr, D.J. *see* Udd, E. 19378
Dorr, D.S., Gruzs, T.M., Hughes, M.B., Jurewicz, R.E., Gurcharn Dang, McClaine, J.L. Interpreting recent power quality surveys to define the electrical environment 38438
Dorr, D.S., Mansoor, A., Morinec, A.G., Worley, J.C. Effects of power line voltage variations on

different types of 400-W high-pressure sodium ballasts 61319
Dorr, M., Eversmann, K., Fischer, K., Hutten, A., Staiger, T. Improvement of strain dependent critical current in Ag- and Ag/Cu-sheathed Bi(2223) superconducting tapes 55079
Dorr, M. *see* Boldt, P. 24182
Dorr, M. *see* Helmsen, J. 2514
Dorr, R., Kratz, F., Ragot, J., Loisy, F., Germain, J.-L. Detection, isolation, and identification of sensor faults in nuclear power plants 19525
Dorrance, M. *see* Espada, L.I. 724
Dorrell, A. Direct processing of EZW compressed image data 57291
Dorrell, D.G., Thomson, W.T., Roach, S. Analysis of airgap flux, current, and vibration signals as a function of the combination of static and dynamic airgap eccentricity in 3-phase induction motors 38722
Dorrer, L. *see* Brabetz, S. 49415
Dorrer, L. *see* Nowak, H. 49514
Dorrian, L., Rudd, S. Distributing CTI across the enterprise 57748
Dorrio, B.V., Bugarin, J., Alen, J.M., Fernandez, A., Doval, A.F., Lopez, C., Blanco-Garcia, J., Fernandez, J.L., Perez-Amor, M. High reflectivity surface evaluation in Fizeau phase-stepping interferometry with a Ronchi grid as phase-modulator 17766
Dorrscheidt, F. *see* Panreck, K. 10962
Dorsaz, L. *see* Doriot, P.-A. 37651
Dorsaz, L. *see* Doriot, P.-A. 37685
Dorsaz, P.-A. *see* Doriot, P.-A. 37651
Dorsaz, P.-A. *see* Doriot, P.-A. 37685
Dorsch, F., Daiminger, F.X. Aging tests of high power diode lasers as a basis for an international lifetime standard 55790
Dorsch, F. *see* Bartels, H. 55780
Dorsch, R.G. *see* Garcia, J. 15841
Dorsch, W., Demuth, V., Strunk, H.P., Mosleh, N., Meyer, F., Schwebel, C. Growth and defect formation in thin Ge and $Si_{0.8}Ge_{0.2}$ layers ion beam sputter deposited on Si(001) 10912
Dorsch, W. *see* Krinke, J. 31800
Dorsch, W. *see* Steiner, B. 10811
Dorsch, W. *see* Steiner, B. 30843
Dorsch, W. *see* Voigt, A. 10772
Dorschel, B., Fulle, D., Hartmann, H., Hermsdorf, D., Kadner, K., Radlach, C. Measurement of track parameters and etch rates in proton-irradiated CR-39 detectors and simulation of neutron dosemeter responses 59296
Dorschel, B. *see* Burgkhardt, B. 7823
Dorschel, B. *see* Kunzmann, S. 7789
Dorschel, K. *see* Vogel, U. 37637
Dorschky, C. *see* Hauenschild, J. 16486
Dorschner, T.A. *see* Friedman, L.J. 7635
Dorsett, M.J. *see* Barbour, B.A. 8604
Dorsey, D.L. *see* Venkatasubramanian, R. 753
Dorsey, D.L. *see* Venkatasubramanian, R. 779
Dorsey, J. *see* Bernstein, B.B. 50222
Dorsey, J.F. *see* Haibo Jiang 60263
Dorsey, P.C., Qadri, S.B., Grabowski, K.S., Knies, D.L., Lubitz, P., Chrisey, D.B., Horwitz, J.S. Epitaxial Pb-Fe-O film with large planar magnetic anisotropy on (0001) sapphire 43647
Dorsey, P.C. *see* Hardner, H.T. 32787
Dorsey, P.C. *see* Horwitz, J.S. 40623
Dorsinville, R. *see* Edwards, A. 23697
Dorton, J.K. *see* Bifano, T.G. 54855
Dos Reis, F.S., Sebastian, J., Uceda, J. Applying FM control to PFP converters 51223
Dos Reis, F.S., Sebastian, J., Uceda, J. Determination of power factor preregulators conducted EMI 60877
dos Santos, B.L. *see* Peffers, K. 109
dos Santos, C.G. *see* Demenicis, L. 55847
dos Santos, D.A. *see* Cacialli, F. 13872
dos Santos, J.C.Marques *see* Marques dos Santos, J.C.
dos Santos, J.M.F. *see* Borges, F.I.G.M. 55402
dos Santos, J.M.F. *see* Veloso, J.F.C.A. 59220
dos Santos, L.C.V., Heijligers, M.J.M., van Eijk, C.A.J., van Eijndhoven, J.T.J., Jess, J.A.G. A constructive method for exploiting code motion 1085
dos Santos, M.P. *see* Meng, L.J. 31865
dos Santos, P.A.M., Nader, G. Polarization influence in the photorefractive and absorption grating decays in the $Bi_{12}TiO_{20}$ 3317
dos Santos, P.A.M., Nader, G. Experimental determination of coupling factors of photorefractive and absorption holes in $Bi_{12}TiO_{20}$ crystals 24300
Dos Santos, S. *see* Lardet-Vieudrin, F. 32779
Dos Santos, S. *see* Planat, M. 11225
dos Santos Filho, S.G., Pasa, A.A., Hasenack, C.M. A mechanism for electroless Cu plating onto Si 40516
dos Santos Fo, S.G., Martins, L.F.O., D'Ajello, P.C.T., Pasa, A.A., Hasenack, C.M. Electroless and electro-plating of Cu on Si 40515
Doseon Yun, Jaehoon Choi, Sangseol Lee The quadrilateral patch modeling using a generalized roof-top vector basis function 34036
Doser, A.B., Delaney, P.A. A generalized target description and pulse time-of-arrival estimation 4894
Doser, A.B., Delaney, P.A., Schooley, L.C. Iterative maximum-likelihood/cross-correlation algorithm for reflection and pulse TOA estimation 25204
Doshi, B.T., Dravida, S., Kustka, G.J., Magill, P.D., Siller, C.A., Jr., Sriram, K. Adaptive digital access protocol: new features and performance improvements 16098
Doshi, B.T., Dravida, S., Magill, P.D., Siller, C.A., Jr., Sriram, K. A broadband multiple access protocol for STM, ATM, and variable length data services on hybrid fiber-coax networks 16078
Doshi, P., Mejia, J., Tate, K., Kamra, S., Rohatgi, A., Narayanan, S., Singh, R. High-efficiency silicon solar cells by low-cost rapid thermal processing, screen printing, and plasma-enhanced chemical vapor deposition 39196
Doshi, P. *see* Rohatgi, A. 39053
Doshida, M. 2 μm eyesafe fiber lasers 33420
Doshida, M. *see* Saito, H. 33458
Doshita, S. Understanding and generating dialogue by integrated processing of speech, language and concept 45657
Doshita, S. *see* Kawahara, T. 14919
Dosios, K., Paparrizos, K. Resolution of the problem of degeneracy in a primal and dual simplex algorithm 30517
Doss, M., Liebel, K., Lee, S., Calcagni, K., Crum, R. Migration of Integrated Modular Avionics to space 59941
Doss, S. *see* Rotter, M.D. 23843
Dossel, O. *see* Katscher, U. 49667
Dost, K.H. *see* Cayrel, M. 33194
Dost, S., Su, J. A morphological stability analysis of the growth interface during liquid phase electroepitaxy 10784
Dost, S. *see* Kimura, M. 808
Dost, S. *see* Kimura, M. 30790
Dost, S. *see* Qin, Z. 10780
Dostalik, W.W. *see* Krishnan, S. 43031
Dostanko, A.P., Pogrbnyakov, A.V., Levinsen, M.T., Sheng, Y.Q., Freltoft, T. Zero bias resistance dip in the characteristics of $YBa_2Cu_3O_{7-x}$ thin film microbridges 43824
Dostert, K.M. All-digital spread spectrum modems for power line communications 16467
Dostert, S. *see* Zimmermann, G. 7032
Dotani, T. *see* Yamashita, A. 59364
Dotsch, H. *see* Synogach, V.T. 23342
Dotsenko, V.I. *see* Pal-Val, P.P. 23392
Dotsinsky, I., Christov, I., Daskalov, I. Assessment of metrological characteristics of digital electrocardiographs 18427
Dotsinsky, I.A., Daskalov, I.K. Accuracy of 50 Hz interference subtraction from an electrocardiogram 18473
D'Ottavi, A. *see* Martelli, F. 24166
D'Ottavi, A. *see* Martelli, F. 44746
Dotter, F. *see* Debevc, N. 6170
Dotti, F.L. ODP viewpoints of management outsourcing 35641
Dottling, M. *see* Becker, T.C. 4250
Doty, F.P. *see* Barber, H.B. 37663
Doty, F.P. *see* Macri, J.R. 37355
Doty, P. Selling the Home Page: an essay on the World Wide Web and rhetoric 26161
Doty, R.E., Vajo, J.J. A study of field-assisted silver migration in a low temperature cofirable ceramic tape system 10949
Dotzel, W. *see* Nguyen, N.T. 36470
Dou, L. *see* Bellwied, R. 59284
Dou, L. *see* Pandey, S.U. 37293
Dou, S.X., Wang, R.K., Ionescu, M., Liu, H.K. Effect of colony boundaries, defects and 2212 phase on J_c of Ag-clad BSCCO tapes 43771
Dou, S.X. *see* Chen, J. 61034
Dou, S.X. *see* Cui, N. 61035
Dou, S.X. *see* Dhalle, M. 32894
Dou, S.X. *see* Horvat, J. 23394
Dou, S.X. *see* Horvat, J. 23395
Dou, S.X. *see* Ionescu, M.H. 55084
Dou, S.X. *see* Jin, J.X. 43849
Dou, S.X. *see* Jin, J.X. 48452
Dou, S.X. *see* Jin, J.X. 50640
Dou, S.X. *see* Jin, J.X. 50927
Dou, S.X. *see* Kusevic, I. 43768
Dou, S.X. *see* Liu, H.K. 55083
Dou, S.X. *see* Vo, N.V. 13482
Dou, S.X. *see* Vo, N.V. 43839
Dou, S.X. *see* Zadro, K. 23396
Dou, S.X. *see* Zhong, S. 61029
Dou, W. *see* Shen, T. 14712
Dou, W. *see* Shen, T. 34320
Dou, W.B., Sun, Z.L. A note on the coupling efficiency between an antenna and a Gaussian beam 14694
Dou, W.B., Sun, Z.L. Millimeter wave ferrite circulators and rotators 41422
Dou, W.B., Sun, Z.L. A note on the coupling efficiency between an antenna and a Gaussian beam 56128
Dou, W.B., Sun, Z.L. Analysis of field pattern of a MMW focal plane array 58840
Dou, W.B., Wang, G.S. A compound high power millimeter wave waveguide circulator 11659
Dou, W.B., Zeng, G., Sun, Z.L. Quasioptical ferrite switches used in radiometric systems 13470
Dou Chie *see* Chie Dou
Dou Shixue *see* Li Xingyuan 28942
Dou Shuo-Xing *see* Gao Hong 44633
Dou Wenbin, Sun Zhongliang W-band higher-order mode broadband waveguide Y-junction circulators 11666
Dou Wenbin *see* Wenbin Dou
Doualan, J.L. *see* Konate, A. 4019
Doualan, J.L. *see* Konate, A. 14057
Douard, M. *see* Yu, J. 3737
Douay, D., Daniere, F., Fabbro, R., Sabatier, L. Study of high power laser welding: effects of plasma blowing 14489
Douay, M., Xie, W.X., Bernage, P., Niay, P., Boulard, B., Gao, Y., Jacoboni, C., Poignant, H. Photosensitivity of fluoride glass planar waveguides doped with rare earth ions (Ce^{3+}, Eu^{2+}, Er^{3+}) 55261
Douay, M., Xie, W.X., Bernage, P., Pureur, D., Niay, P., Poumellec, B., Dong, L. Annealing of gratings photowritten in Tin-codoped germanosilicate preform plates and fibers 55193
Douay, M., Xie, W.X., Bernage, P., Ramecourt, D., Niay, P., Poumellec, B., Bayon, J.F., Poignant, H. Thermal annealing of UV induced compaction in germanosilicate preform plates 24268
Douay, M. *see* Bernage, P. 23472
Douay, M. *see* Cordier, P. 43946
Douay, M. *see* Delevaque, E. 48025
Douay, M. *see* Dianov, E.M. 33029
Douay, M. *see* Dianov, E.M. 43981
Douay, M. *see* Kurkov, A.S. 43971
Douay, M. *see* Kurkov, A.S. 43983
Douay, M. *see* Kurkov, A.S. 44399
Douay, M. *see* Poignant, H. 43979
Douay, M. *see* Pureur, D. 23476
Douay, M. *see* Pureur, D. 43932
Douay, M. *see* Taunay, T. 13617
Douay, M. *see* Taunay, T. 43967
Douay, M. *see* Xie, W.X. 24284
Doubovik, E. *see* Dalba, G. 23652
Doubrava, J. The use of positive-working photo resists for PWB fabrication: The impact of resist chemistry 1800
Doubrava, J. *see* Hertlein, W.G. 11982
Doucet, A., Duvaut, P. Fully Bayesian analysis of conditionally linear Gaussian state space models 25135
Doucet, A., Duvaut, P. Bayesian estimation of instantaneous frequency 34900
Doucet, A. *see* Duvaut, P. 25140
Doucet, M. *see* Gauvin, J. 5667
Doucette, B. *see* Genereux, R.P. 19548
Douchin, N. *see* Rouviere, J.F. 45002
Doudoumopoulos, N.A. *see* Lange, M.J. 17465
Dougan, A.J. *see* Shaw, W.T. 4218
Dougherty, B.L. *see* Shutt, T. 37472
Dougherty, D.J. *see* House, J.L. 789
Dougherty, E.M. Is human failure a stochastic process? 52365
Dougherty, E.R. Existence and synthesis of minimal-basis morphological solutions for a restoration-based boundary-value problem 15845
Dougherty, E.R., Barrera, J. Morphological paradigm for loss-function-based design of digital filters 1605
Dougherty, E.R., Cuciurean-Zapan, C. Optimal reconstructive τ-openings for disjoint and statistically modeled nondisjoint grains 56709
Dougherty, E.R., Yeqing Zhang, Yidong Chen Optimal iterative increasing binary morphological filters 23636
Dougherty, E.R. *see* Barrera, J. 57417
Dougherty, E.R. *see* Batman, S. 57407
Dougherty, E.R. *see* Chen, Y. 5521
Dougherty, E.R. *see* Cuciurean-Zapan, C. 15929
Dougherty, E.R. *see* Handley, J.C. 15926
Dougherty, J.J., El-Sherief, H. Parameter identification for a triaxial shaker system 8229
Dougherty, J.P. *see* Yamakawa, K. 872
Dougherty, J.P. *see* Yamakawa, K. 32659
Dougherty, T. *see* Ramsay, B. 19222
Dougherty, T.A., Karpinski, A.P., Stannard, J.H., Halliop, W., Warner, S. Aluminum-air: status of technology and applications [secondary cells] 19974
Dougherty, W.M., Bruland, K.J., Garbini, J.L., Sidles, J.A. Detection of AC magnetic signals by parametric mode coupling in a mechanical oscillator 27449
Doughty, D.C., Jr. *see* Hodson, R.F. 1421
Doughty, G.R., Hind, D. The applications of ion-conducting ceramics 38941
Doughty, R.L. Introduction to IEEE 841-1994, IEEE standard for petroleum and chemical industry–Severe duty totally enclosed fan-cooled (TEFC) squirrel cage induction motors–up to and including 500 hp 39461
Doughty, R.L., Heredos, F.P. Cost-effective motor surge capability 38730
Doughty, R.L. *see* Neal, T.E. 39681
Douglas, A.P., Breipohl, A.M., Lee, F.N. A short term risk analysis of operational planning [of power systems] 28852
Douglas, B.L., Pietsch, R.L. Compression of obstacle avoidance sonar data for low bit rate image transfer 48151
Douglas, B.L., Pietsch, R.L., Silkaitis, J.M., Lee, H. Optimal beamforming techniques for imperfectly calibrated arrays 50186
Douglas, B.L., Wapner, M.P. Test results of the Doppler penetrometer seafloor sediment profiling system 49989
Douglas, B.L. *see* Silkaitis, J.M. 6991
Douglas, D. *see* Kehne, D. 18015
Douglas, J. High value for condition assessment 19432

Douglas, M. *see* Prasad, J. 42526
Douglas, M. *see* Sanford, T.W.L. 7753
Douglas, M.A. *see* Hattangady, S.V. 42554
Douglas, M.A. *see* Hossain-Pas, S.D. 42527
Douglas, R.J. *see* Boulanger, J.-S. 27327
Douglas, R.M., Beatty, J., Gall, K., Valenzuela, R.F., Biggs, P., Okunieff, P., Pardo, F.S. Dosimetric results from a feasibility study of a novel radiosurgical source for irradiation of intracranial metastases 59764
Douglas, S.C. Running max/min calculation using a pruned ordered list 4647
Douglas, S.C. Analysis of an anti-Hebbian adaptive FIR filtering algorithm 15160
Douglas, S.C. The fast affine projection algorithm for active noise control 15192
Douglas, S.C. Efficient approximate implementations of the fast affine projection algorithm using orthogonal transforms 24931
Douglas, S.C. Adaptive filters employing partial updates 34863
Douglas, S.C., Cichocki, A., Amari, S. Fast-convergence filtered regressor algorithms for blind equalisation 4711
Douglas, S.C. *see* Karakasoglu, A. 4907
Douglas, S.G. Analysis and implementation of the max-NLMS adaptive filter 4816
Douglas, S.J. *see* Guess, J.F. 18370
Douglass, D.A., Edris, A.A., Pritchard, G.A. Field application of a dynamic thermal circuit rating method 50602
Douglass, J. OO migration at Vodafone 35928
Dougsheng Zhang *see* Jinwei Tong 33750
Douguchi, Y. *see* Nanto, H. 17584
Douguchi, Y. *see* Nanto, H. 27737
Douguchi, Y. *see* Nanto, H. 36767
Douguchi, Y. *see* Nanto, H. 43901
Douik, A., Annabi, M., Ziyat, Z. Markov chains application in tracking trajectories applied to human and Bovine semen 46515
Douillard, C., Ferry, P., Adde, P., Jezequel, M. The introduction of VHDL in digital design practical courses 9890
Douillet, F. *see* Sghedoni, M. 49900
Douillet, P.L., Beylot, A.L., Becker, M. Simulations of limited capacity systems: how to describe losses? 52425
Doukas, A. *see* Katsenos, J. 26585
Doukas, A.G. *see* Karagiannidis, G.K. 26586
Doukas, N., Naylor, P., Stathaki, T. A single sensor source separation approach to noise reduction 56395
Doukidis, G., Pallikarakis, N., Pangalos, G., Vassilacopoulos, G., Pramataris, K. EDI system definition for a European medical device vigilance system 35543
Doukoglou, T. *see* Maglaveras, N. 49837
Doulai, P., Ledwich, G. Integration of power engineering educational resources in a hypermedia environment 20571
Doulamis, A.D., Doulamis, N.D., Konstantoulakis, G.E., Stassinopoulos, G.I. Traffic characterisation and modelling of VBR coded MPEG sources 25833
Doulamis, N.D. *see* Doulamis, A.D. 25833
Doulas, S. *see* Akchurin, N. 37257
Douligeris, C., Collins, J., Blanco, R., Peixing Sun Experience with a South Florida information management system for oil spills 50219
Douligeris, C. *see* Durand, R. 57964
Douligeris, C. *see* Fahmy, H.I. 26155
Douligeris, C. *see* Kumar, L.N. 6218
Douligeris, C. *see* Liu, Y.-C. 25855
Douligeris, C. *see* Tebeau, P. 50220
Douligeris, C. *see* Yao-Ching Liu 5719
Douma, H., Snieder, R., Lomax, A. Ensemble inference in terms of empirical orthogonal functions 8354
Doumae, Y. *see* Yang, B. 41943
Doumanidis, C.C., Marquis, B.P. Thermal simulation and visualization of virtual source manufacturing systems 7428
Doumeingts, G., Kleinhans, S., Malhene, N. GEM TIME: a proposal for an evolution management methodology 39666
Doumenc, G. *see* Boussinot, F. 5903
Doumenis, G.A. *see* Pramataris, K.C. 26402
Doumi, T.L. *see* Abumahlula, M.A. 35957
Doumuki, T. *see* Tamada, H. 55293
Doupovec, J. *see* Miklos, P. 54119
Dour, G. *see* Martinuzzi, S. 39018
Dour, G. *see* Perichaud, I. 10671
Dourille, X. *see* Mallem, M. 46517
Dourlens, C. *see* Camiade, M. 61299
Dourthe, C., Pichot, Ch. Microwave imaging algorithms for arbitrary space and time incident waveforms using ultrawide bandwidth GPR technique 8611
Douseki, T., Harada, M., Tsuchiya, T. Ultra-low-voltage MTCMOS/SIMOX technology hardened to temperature variation 54783
Douseki, T. *see* Harada, M. 1239
Doushkina, V.V., Wiens, R.H., Thomas, P.J., Peterson, R.N., Shepherd, G.G. Spectral imaging of O_2 infrared atmospheric airglow with an InGaAs array detector 8461
Doussiere, P. *see* Bachmann, M. 6715
Doussiere, P. *see* Chiaroni, D. 16733
Doussiere, P. *see* Jourdan, A. 26441
Doussiere, P. *see* Soto, H. 33683
Doussiet, F. *see* Richeboeuf, L. 13940
Dousson, C. Alarm driven supervision for telecommunication network. II. On-line chronicle recognition 5979
Dousson, C. *see* Bibas, S. 5978
Doust, B.D. *see* Wilson, L.S. 49450
Dov Dori *see* Liu Wenyin 46325
Doval, A.F. *see* Dorrio, B.V. 17766
Doval, A.F. *see* Fernandez, A. 55943
Dovbnia, A.N. *see* Abalin, S.S. 9042
Dovbnya, A.N., Tur, Yu.D., Rodyakin, V.E., Sandalov, A.N. Two-frequency klystron amplifier 49099
Dovbnya, A.N. *see* Ayzatsky, M.I. 37115
Dove, E.L. *see* Brathwaite, P.A. 28301
Dove, E.L. *see* Frank, R.J. 28303
Dover, R.B.Van *see* Van Dover, R.B.
Doverspike, K., Wickenden, A.E., Binari, S.C., Gaskill, D.K., Freitas, J.A. Growth of silicon-doped and high quality, highly resistive GaN for FET applications 13034
Doverspike, K. *see* Binari, S.C. 31507
Dovgalenko, G., Hague, S., Kniazkov, A., Onischenko, Y., Salamo, G., Naseem, H. In situ thin film stress measurement using high stability portable holographic interferometer 14420
Dovgalenko, G., Klotz, M., Salamo, G., Wood, G.L. Bacteriorhodopsin as an optical limiter 24228
Dovgalenko, G., Kniazkov, A., Onischenko, Y., Salamo, G. Fast residual stress determination of welded joints using reversible holographic interferometric-RHI film 36924
Dovgalenko, G., Loutchkina, I. High-resolution real-time adaptive optic microsensor for residual stress and vibration measurement in situ 17335
Dovgalenko, G., Loutchkina, I. Supergrating in triple doped sillenite family photorefractive crystals 24270
Dovgalenko, G., Loutchkina, I. Dynamic holographic interferometric-DHI sensor on adaptive supergrating 33752
Dovgalenko, G., Loutchkina, I. Novel diffractive dynamic elements-DDE based on adaptive supergrating 44762
Doviak, R.J. *see* Holloway, C.L. 18821
Dovidenko, K., Oktyabrsky, S., Narayan, J., Razeghi, M. The microstructural study of aluminum nitride thin films: epitaxy on the two orientations of sapphire and texturing on Si 12285
Dovidenko, K. *see* Vispute, R.D. 761
Dovidenko, K. *see* Vispute, R.D. 10809
d'Ovidio, F. *see* Alderighi, M. 25038
Dow, G.S. *see* Chang, K.W. 41483
Dow, G.S. *see* Shoucri, M. 18643
Dow, G.S. *see* Wang, H. 11744
Dow, K. *see* Zwart, T. 36368
Dow Bin Hyun *see* Hyun Soo Shin 54133
Dowan Kim *see* Dongjin Bae 51023
Dowben, P.A. *see* Seong-Don Hwang 42909
Dowben, P.A. *see* Seong-Don Hwang 52772
Dowd, A. *see* Samoc, N. 44255
Dowd, B. *see* Peskin, A. 35121
Dowd, P.W. *see* Jyh-Cheng Chen 46571
Dowd, S. Post placement scan chain re-ordering 1040
Dowden, J., Kapadia, P. The penetration depth in keyhole welding with pseudo-continuous Nd-YAG and CO lasers investigated mathematically 4172
Dowden, J. *see* Kapadia, P. 4173
Dowden, R.L., Brundell, J.B., Lyons, W.A. Are VLF rapid onset, rapid decay perturbations produced by scattering off sprite plasma? 24458
Dowdeswell, R.M. *see* Persaud, K.C. 27746
Dowdy, T.E. *see* Domeracki, W.F. 50795
Dowell, D.H. *see* Loulergue, A. 37088
Dowell, J.D. *see* Beringer, J. 37394
Dowla, F.U. *see* Gabor, A.J. 18413
Dowlatshahi, M., De, S.K. A comparative study of numerical and heuristic approaches to calculation of sustainable cell rate 57573
Dowler, N.J., Holland, S.R.J. The evolutionary design of an endoscopic telemanipulator 18492
Dowling, A. *see* O'Hare, N.J. 7891
Dowling, D.T. *see* Olsen, D.K. 49153
Dowling, E.M., Linebarger, D.A., DeGroat, R.D., Hong Guan On the elimination of extraneous roots 4813
Dowling, E.M. *see* Degroat, R.D. 15328
Dowling, E.M. *see* Wang, Z. 6554
Dowling, E.M. *see* Zifei Wang 25801
Dowling, J., Welling, J., Nanzetta, K., Bennett, T., Shi, J. Accelerating real-time space data packet processing 6032
Dowling, K., Hyde, S.C.W., Dainty, J.C., French, P.M.W., Hares, J.D. 2-D fluorescence lifetime imaging using a time-gated image intensifier 27653
Dowling, K. *see* Windmar, D. 32733
Dowling, M.F., Wartell, J.D., Jeter, S.M., Abdel-Khalik, S.I. Moisture fraction measurements for two-phase mist flow using high-sensitivity capacitance sensors 50737
Dowling, S. The total dose response of NPN transistors with different package types to various irradiation conditions 42969
Dowling, W.J. *see* O'Ruanaidh, J.J.K. 4925
Dowman, I.J. *see* Dare, P.M. 48067
Down, D.G. *see* Cohen, J.W. 52417
Down, W.H. Wave soldering machine issues for the no-clean process 39776
Downarowicz, J. *see* Frackowiak, E. 9486
Downer, M.C. *see* Aktsipetrov, O.A. 33695
Downer, M.C. *see* Dadap, J.I. 24259
Downer, M.C. *see* Rau, B. 55794
Downes, J.A. *see* Bo, Z.Q. 19391
Downes, J.R. *see* Valster, A. 55634
Downey, D.B. *see* Fenster, A. 18262
Downey, D.F. *see* Lavine, J.P. 12663
Downey, E. *see* Brown, D.M. 2841
Downey, E.A. *see* Small, A.W. 9964
Downey, M.J. *see* Ghosh, A.K. 50528
Downey, S., Hagen, D., Lim, M.L., Ibrahim, R., Anuar, K., Malik, U. Moldability improvements in thin quad flat packages (TQFPs) 20932
Downie, J.D., Smithey, D.T. Measurements of holographic properties of bacteriorhodopsin films 4111
Downie, J.D. *see* Wolfe, C.R. 59068
Downing, A.R. *see* Vajdic, S.M. 25781
Downing, A.R. *see* Vajdic, S.M. 35205
Downing, E., Hesselink, L., Ralston, J., Macfarlane, R. A three-color, solid-state, three-dimensional display 17714
Downing, E.A., Hesselink, L., Macfarlane, R.M., Klein, J.R., Evans, D., Ralston, J. A laser-diode-driven, three-color, solid-state 3-D display 7500
Downing, J.N. *see* Burns, M.J. 49216
Downing, W.G., Jr., Mincer, T.R. Advances in pulmonary measurements and parameter identification 37591
Downs, J., Harrison, R.F., Kennedy, R.L., Woods, K. The use of fuzzy ARTMAP to identify low risk coronary care patients 25736
Downs, M.M. *see* Mayweather, D.T. 36166
Downs, R.A., Garbini, J.L. Curved profile spectral moments 36898
Downs, S.P.C. Power system harmonics developments in the UK system 19264
Downs, S.P.C., McGoldrick, N. Harmonic measurements on transmission systems 60445
Dowski, E.R., Jr., Cathey, W.T., Bradburn, S.C. Aberration invariant optical/digital incoherent systems 25531
Dowson, J. *see* Owens, A. 18148
Dowson, M. The Ariane 5 software failure 49840
Doy, T.Karaki *see* Karaki Doy, T.
Doyeol Ahn Spin-orbit coupling effects on the optical gain of a cubic GaN quantum-well laser 33488
Doyeol Ahn Non-Markovian gain of a quantum-well laser with many-body effects 33489
Doyeol Ahn, Seoung-Hwan Park On the theory of optical gain of strained-layer hexagonal and cubic GaN quantum-well lasers 33468
Doyeol Ahn *see* Seoung-Hwan Park 14125
Doyle, A.J.R. *see* Davy, E.C. 18635
Doyle, B. *see* Chuan Lin 12726
Doyle, B.S., Mistry, K.R. New hot carrier failure criterion for p-channel transistors based on transistor leakage currents 2680
Doyle, B.S., Mistry, K.R., Faricelli, J. Examination of the time power law dependencies in hot carrier stressing of n-MOS transistors 22848
Doyle, B.S. *see* Sherony, M.J. 13005
Doyle, C., Fernando, G. An intensity-based fibre-optic vibration sensor [for structural health monitoring] 7387
Doyle, D., Bourrieau, J., Bricard, P., Johlander, B., Juranek, H.J., Litzelmann, A., Pannhorst, W., Rits, W. The effect of electron irradiation on the radius of curvature of a Zerodur mirror 6814
Doyle, E. *see* Worthington, M.S. 1905
Doyle, E.F. *see* Becker, F.E. 51615
Doyle, E.J. *see* Kim, K.W. 36381
Doyle, E.M., Tavares, S.E., Meijer, H. Computer analysis of cryptographic protocols using coloured Petri nets 45633
Doyle, E.M. *see* Wheeland, C.L. 1928
Doyle, J.J. *see* David, W.S. 28329
Doyle, M. *see* Lin, D. 50880
Doyle, M.T. *see* Stensland, T. 51091
Doyle, R., Barton, J., Delaney, K., Barrett, J., Bertinet, J.P., Polzer, E. Buried passive component realisation in low temperature cofired ceramic for MCM-C substrate applications 22113
Doyle, R.S. *see* Harris, C.J. 45921
Doyle, S.A. *see* Dugan, J.B. 20987
Doyle, S.M. *see* Prasad, N.S. 55322
Doyle, T.W., Krauss, K.W., Wells, C.J., Roberts, M.R. The use of videography to assess the spatial impact of hurricanes on forest ecosystems 8525
Doyle, V.L., Payne, G.S., Collins, D.J., Verrill, M.W., Leach, M.O. Quantification of phosphorus metabolites in human calf muscle and soft-tissue tumours from localized MR spectra acquired using surface coils 59474
Dozal, L. *see* Wickham, M. 56211
Dozhdikov, V.S., Petrov, V.A. New automated apparatus for the measurement of spectral emissivity of nonconducting materials by high-speed spectrometer 48981
Dozhdikov, V.S., Petrov, V.A. New experimental facility for measurement of total and spectral emissivities of various thermal protection materials and coatings at high temperatures 48982
Dozier, J. *see* Jiancheng Shi 18878
Dozier, J. *see* Jiancheng Shi 18893
Dozin, B. *see* Martin, I. 59798

Dozov, I., Nobili, M., Durand, G. Fast bistable nematic display using monostable surface switching 48764
Dozsa, L. Space charge transients of deep level defects characterised by Auger capture 54067
Drabarek, J. *see* Wawzyn, K. 11047
Drabarek, P., van Keulen, M., Kuhnle, G., Steinlechner, S. High-resolution heterodyne interferometric rotation encoder with frequency-modulated laser diode 17328
Drabarek, P. *see* Schilling, U. 17331
Draber, S., Eschermann, B. Dependability evaluation of a computing system for traction control of electrical locomotives 29819
Drabich, P. Measuring signal parameter estimation under object and material investigation by means of pulse electromagnetic fields 50234
Drabich, P.P. Improving the accuracy of estimation of stochastic pulse signals 15268
Drabich, P.P. Investigation of long electrically conducting utility lines 27416
Drabik, T.J. *see* Rainer Dohle, G. 245
Drabik, T.J. *see* Rau, R. 54543
Drabik, T.J. *see* Urey, H. 23717
Drabold, D.A. *see* Stumm, P. 31760
Drachnik, L. *see* Biolsi, P. 12797
Drachnik, L. *see* Biolsi, P. 32230
Drachsler, K. *see* le Grand, J.B. 32915
Drachsler, K. *see* Ohkubo, M. 7850
Drafta, G. *see* Pantelica, D. 42274
Drafts, B. Current sensing solutions for power conversion and intelligent motion applications 58679
Drafts, B., Bell, F.W. Method of current measurement 36494
Dragan, F.F. *see* Brandstadt, A. 40061
Dragan, I. New mathematical properties of the Banzhaf value 411
Dragan, I., Iavors'kyi, B., Chorna, L. Bilinear interpolation from polar to rectangular point raster for inverse problem solving 49532
Dragan, M., Bazu, M. Can you deliver the semiconductor devices after performing periodic tests? 54557
Dragan, Y., Sikora, L. Energetic concept in the theory of laser sounding 45167
Dragic, P.D., Beernink, K.J., Little, L.M., Smith, G.M., Coleman, J.J., Papen, G.C. An all-diode-pumped master oscillator power amplifier for water vapor DIAL systems 18943
Dragoman, D., Dragoman, M. The modeling of the quantum tunneling time through heterostructures using optical layered media 12360
Dragoman, D., Dragoman, M. Optical modeling of quantum wire arrays 32022
Dragoman, D., Dragoman, M. Integrated optic-devices characterization with the Wigner transform 44056
Dragoman, M. *see* Bartolucci, G. 56073
Dragoman, M. *see* Dragoman, D. 12360
Dragoman, M. *see* Dragoman, D. 32022
Dragoman, M. *see* Dragoman, D. 44056
Dragoman, M. *see* Muller, A. 41505
Dragon, C. *see* Ma, G. 41462
Dragon, C. *see* Wood, A. 41461
Dragon, E.P. *see* Warner, B.E. 172
Dragonette, R.A. *see* Bhatnagar, V. 47954
Dragt, A. *see* Bernal, S. 59136
Dragt, A. *see* Reiser, M. 59138
Dragt, A. *see* Venturini, M. 59137
Draidi, J.A., Khasawneh, M.A., Abu-Ghalune, J.M., Ghuneimi, N.M. Two-dimensional chirp z-transform and its application to zoom Wigner bispectrum 4731
Drain, R.W., Jr. *see* Calkins, D.E. 20704
Drake, A.E., Rollett, D.A., Ager, C.I. Design, construction and calibration of a system for the measurement of magnetic fields at frequencies in the range 20 Hz to 20 kHz 27855
Drake, A.E. *see* Rollett, D.A. 27854
Drake, D. *see* Martinez, E. 49350
Drake, D.F. Minimum mean square error estimation for a class of chaotic systems 25138
Drake, D.F., Williams, D.B. The consequences of chaos as noise 15187
Drake, F. *see* Mulugetta, Y. 50684
Drake, G. *see* Hoshen, J. 58120
Drake, G.W. *see* Betts, G.E. 44077
Drake, G.W. *see* McBrien, G.J. 58362
Drake, J. *see* Callon, R.W. 6202
Drake, M.E., Jr., Weate, S.J., Newell, S.A. Auditory evoked potentials in postconcussive syndrome 49579
Drake, S. *see* Lane, R. 43592
Drakopoulos, D. *see* Ritchings, R.T. 4977
Drakul, S.L. A new TCMSK scheme for power and bandwidth efficient wireless systems 45514
Drakunov, S., Utkin, V., Zarei, S., Miller, J. Sliding mode observers for automotive applications 9690
Drakunov, S. *see* Rundell, A.E. 3264
Dramsch, C. *see* Sala, G. 38650
Drane, C.R. *see* Scott, C.A. 58508
Dranevich, V.A., Pyatigorskii, G.A., Suvorova, E.A., Kharitonov, A.I., Shishiov, I.I. Interface for data exchange with an IBM-compatible PC via the printer port 27409
Draoli, M., Lancia, M., Laureti-Palma, A. Video conferencing on a LAN/MAN interconnected system: QoS evaluation 47251
Draper, B.A. Modeling object recognition as a Markov decision process 15524
Draper, B.A. *see* Marengoni, M. 25463
Draper, B.L. *see* Dodd, P.E. 21691
Draper, J.L. *see* Carpenter, B.F. 49905
Draper, N. *see* Bardwell, J.A. 12654
Draper, R.E. *see* Rehder, R.H. 51648
Drapikowski, P. *see* Wozniak, A. 7421
Drasar, C., Klichova, I., Koudelka, L., Lostak, P. Transport coefficients of $(Bi_{1-x}Sb_x)_2Se_3$ single crystals 2091
Drashansky, T.T., Weerawarana, S., Joshi, A., Weerasinghe, R.A., Houstis, E.N. Software architecture of ubiquitous scientific computing environments for mobile platforms 47586
Draste, H. *see* Kadel, G. 58196
Dravet, A. *see* Mathoorasing, D. 58296
Dravida, S. *see* Doshi, B.T. 16078
Dravida, S. *see* Doshi, B.T. 16098
Dravin, V.A. *see* Karuzakii, A.L. 31493
Dravin, V.A. *see* Yakimov, A.I. 54109
Dravopoulos, I.E., Marias, I.F., Pronios, N.B. Distributed aspects in wireless ATM networks 26597
Drawl, W. *see* Byungyou Hong 40606
Draxler, K., Styblikova, R. Use of nanocrystalline materials for current transformer construction 3230
Draxler, S. *see* Kieslinger, D. 58861
Draye, J.-P., Cheron, G., Bourgeois, M., Pavisic, D., Libert, G. Improved identification of complex temporal systems with dynamic recurrent neural networks. Application to the identification of electromyography and human arm trajectory relationship 59599
Drayer, B.P. *see* Keller, P.J. 18284
Drayer, T.H. *see* King, W.E. 25484
Drayton, M. The neonatal intensive care unit and technology 18482
Drayton, R.F., Henderson, R.M., Katehi, L.P.B. High frequency circuit components on micromachined variable thickness substrates 31525
Drazic, G. Analytical electron microscopy of advanced ceramic materials 40669
Drazkiewcz, J. *see* Dmowski, A. 9414
Drazkiewicz, S., Gallatin, G., Lyons, J. Micrascan adaptive x-cross correlative independent off-axis modular (AXIOM) alignment system [photolithography] 2480
Drechsler, R., Becker, B. Sympathy: fast exact minimization of fixed polarity Reed-Muller expressions for symmetric functions 41056
Drechsler, R., Becker, B., Gockel, N. A genetic algorithm for minimization of fixed polarity Reed-Muller expressions 24802
Drechsler, R., Becker, B., Gockel, N. A genetic algorithm for the construction of small and highly testable OKFDD-circuits 52959
Drechsler, R., Hett, A., Becker, B. Symbolic simulation using decision diagrams 53199
Drechsler, R., Theobald, M., Becker, B. Fast OFDD-based minimization of fixed polarity Reed-Muller expressions 11262
Drechsler, R. *see* Becker, B. 500
Drechsler, R. *see* Becker, B. 40812
Drechsler, R. *see* Becker, B. 52968
Drechsler, R. *see* Becker, B. 53220
Drechsler, R. *see* Gockel, N. 13069
Drechsler, R. *see* Gockel, N. 52934
Drechsler, R. *see* Gockel, N. 52979
Drechsler, R. *see* Hengster, H. 53131
Drees, D. *see* Lang, S. 61269
Drees, J. *see* Becks, K.H. 59228
Dreher, A. Spectral domain dyadic Green's function for multilayer cylindrical structures 31476
Dreher, J. *see* Hambitzer, G. 9489
Dreiden, G.V., Porubov, A.V., Samsonov, A.M., Semenova, I.V., Sokurinskaya, E.V. Laser generation and optical observation of strain solitons in nonlinearly elastic solid waveguides 33623
Dreischub, A., Buchvarov, I., Eugenieva, E., Iliev, A., Dinev, S. Experimental demonstration of pulse shaping and shortening by spatial filtering of an induced-phase-modulated probe wave 33718
Dreischuh, A., Buchvarov, I., Eugenieva, E., Dinev, S., Marinov, V. T-scanner for measuring pulse durations 7621
Dreizler, H. *see* Grabow, J.-U. 7559
Dremova, N.N., Zaitsev, S.I., Kononchuk, O.V., Rau, E.I., Ushakov, N.G., Chukalina, M.V., Yakimov, E.B. New concept of a semiconductor energy-sensitive detector of backscattered electrons 18122
Drenckhahn, R. *see* Katscher, U. 49667
Drenckhahn, R. *see* Wischmann, H.-A. 59538
Drenckhahn, W. *see* Waidhas, M. 19988
Drenska, M.B., Jordanova, J.D., Penchev, O.J. Activation studies on copper slabs irradiated with (D,T) neutrons 13517
Drera, D. *see* Ghidini, G. 42544
Drera, D. *see* Paccagnell, A. 22472
Drescher, G. *see* Bauer, J. 54548
Drescher, K. *see* Stavreva, Z. 42427
Drescher, K. *see* Stavreva, Z. 42637
Drescher, K. *see* Vogt, M. 42644
Drescher, K. *see* Wenzel, C. 22087
Drescher, K. *see* Zeidler, D. 42638
Drescher, P., Pluetzer, S., Reichert, E., Schemies, M., Alperovich, V.L., Bolkhovityanov, Yu.B., Jaroshevich, A.S., Paulish, A.G., Scheibler, H.E., Terekhov, A.S. Emission of spin-polarized electrons from strained InGaP and InGaAsP photocathodes 12069
Drescher, W., Fettweis, G. VLSI architectures for multiplication in GF(2^m) for application tailored digital signal processors 31287
Dresel, T., Beyerlein, M., Schwider, J. Design of computer generated beam-shaping holograms by iterative finite-element mesh adaption 14458
Dresig, F. *see* Remme, R. 21599
Dresner, L. Hysteresis losses in power-law cryoconductors 43759
Dress, P. *see* El Joudi, El.M. 44767
Dress, P. *see* Sterkenburgh, T. 43985
Dresselhaus, M.S. *see* Hicks, L.D. 32044
Dressler, E. *see* Yang, C. 3573
Dressnandt, N. *see* Arai, Y. 37267
Dressnandt, N. *see* Arai, Y. 37268
Dreuille, O.de *see* de Dreuille, O.
Drevensek, D. *see* Hren, A. 9574
Drevensek, D. *see* Jezernik, K. 61170
Drevermann, H., Kuhn, D., Nilsson, B.S. Novel transformations for very high multiplicity events 49338
Drevillon, B. *see* Etemadi, R. 30917
Drevlak, M., Timm, M., Weiland, T. Simulation of linac operation using the tracking code L 37023
Drevlak, M. *see* Brinkmann, R. 49198
Drew, G. *see* Yang-Tse Cheng 11808
Drew, J.D. *see* Wilson, B. 47900
Drew, M.A., Hanssmann, M.G., Camporese, D. Automation and control for 300-mm process tools 43198
Drew, R.A.L. *see* Baik, Y. 30206
Drewek, R., Borgerding, R., Jorn, K.-U. Scaling in inductive forge-heating 51886
Drewien, C.A. *see* Rodriguez, M.A. 54948
Drewniak, J. *see* Hubing, T. 45183
Drewniak, J.L. *see* Hockanson, D.M. 1771
Drewniak, J.L. *see* Hockanson, D.M. 41585
Drewniak, J.L. *see* Ma, K.-P. 45199
Drewniak, J.L. *see* Shi, H. 41589
Drews, D. *see* Schneider, A. 52667
Drews, M. Construction of microphone arrays for the optimization of multi-channel speech enhancement systems 4615
Drews, P., Fromm, P. LASSCA–a sensor system for straightness measurement of large surfaces 48874
Drews, T. Soft transition: LAN emulation in ATM (asynchronous transfer mode) networks 26223
Drewsen, M. *see* Drodofsky, U. 42860
Drexel, C.F. Digital mass flow controllers come of age 2771
Drexler, E. *see* Read, D. 1860
Drexler, H. *see* Allen, S.J. 12488
Drexler, K.E. *see* Merkle, R.C. 53112
Dreyer, K. *see* Koren, U. 44483
Dreyer, K. *see* Liou, K.-Y. 47970
Dreyer, K. *see* Liou, K.-Y. 58386
Dreyer, K. *see* Raybon, G. 26697
Dreyer, K. *see* Raybon, G. 26936
Dreyer, K. *see* Young, M.G. 26833
Dreyer, K.F. *see* Miller, B.I. 55629
Dreyer, M.L. *see* Bauguess, S. 42759
Dreyer, S. Robot-based 3D waterjet cutting–an environmentally sound technology 39767
Dreyfus, R. *see* Marine, W. 10900
Drezek, R., Stetten, G., Ota, T., Fleishman, C., Lily, E., Lewis, C., Ohazama, C., Ryan, T., Glower, D., Kisslo, J., von Ramm, O. Active contour based on the elliptical Fourier series, applied to matrix-array ultrasound of the heart 59530
Driad, R., Alexandre, F., Juhel, M., Launay, P. High stability heterojunction bipolar transistors with carbon-doped base grown by atomic layer chemical beam epitaxy 22770
Driad, R., Desrousseaux, P., Duchenois, A.M., Alexandre, F., Launay, P. Planar InGaP/GaAs HBTs for high speed optoelectronic circuit applications 22951
Driankov, D. *see* Wide, P. 24960
Driankov, D. *see* Wide, P. 36777
Dribault, L. *see* Serene, B. 58125
Driel, C.-J.L.Van *see* Van Driel, C.-J.L.
Driel, H.M.van *see* van Driel, H.M.
Dries, J.C. *see* Xu, L. 55693
Driesel, W. *see* Hesse, E. 7779
Driesen, S. *see* White, K.J. 33867
Driesman, A. *see* Bondurant, P.D. 7209
Driessche, V.Van *see* Van Driessche, V.
Driessen, T.S.H. *see* Radzik, T. 40010
Driessens, M. *see* Verheyen, G. 28330
Drift, E.Van der *see* Van der Drift, E.
Drift, E.W.J.M.Van Der *see* Van Der Drift, E.W.J.M.
Driggers, R., Kelley, M., Cox, P. National Imagery Interpretation Rating System (NIIRS) and the probabilities of detection, recognition, and identification 19019
Drigo, A.V. *see* Mazzer, M. 40479
Drijkoningen, G. *see* Steeghs, P. 25141
Drimitriadis, C.A. *see* Gaisenu, F. 42409
Drinek, V., Bastl, Z., Subrt, J., Pola, J. IR laser induced CVD of SiO_2 phases from triethoxysilane and tetraethoxysilane 40584
Drinkwater, B., Cawley, P. The practical application of solid coupled ultrasonic transducers 52919
Driouch, F., Cailleu, D., Friscourt, M.R., Dalle, C. GaAs MESFET injection planar Gunn diode optronic applications 11681

Driouch, L., Krishnan, R., Voiron, J. High field magnetisation studies in amorphous Co-Dy-B alloys 3061
Driouch, L. *see* Kim, K.S. 3041
Driouch, L. *see* Ravach, G. 3068
Dripps, J.H. An introduction to time-frequency methods applied to biomedical signals 49400
Driscoll, D.I. *see* Schiferl, R.F. 60722
Driscoll, F., Lueck, R.G. Dynamic coefficient estimation using variational and least-squares techniques 38089
Driscoll, F., Nahon, M., Lueck, R. Experimental measurement of the coupled motions of a ship and a deep sea remotely operated vehicle system 49984
Driscoll, M. *see* Labruzzo, G. 13336
Driscoll, M.M. The use of multi-pole bandpass filters and other multiple resonator circuitry as oscillator frequency stabilization elements 11224
Driscoll, R., Nahon, M. Mathematical modeling and simulation of a moored buoy system 38091
Drislane, F.W. *see* Ives, J.R. 49590
Drissi El Khamlichi, K. *see* Luk, P.C.K. 61193
Driver, M.C. *see* Sinharoy, S. 21266
Driver, R.D. *see* Salim, S. 30816
Driver, T., de Baca, M.C., Golio, M., Halchin, D., Knappenberger, W. On wafer RF testing characterizes current sag on GaAs MESFETs 11694
Drmac, Z., Hari, V. Relative residual bounds for the eigenvalues of a Hermitian semidefinite matrix 30605
Drmota, M. Systems of functional equations 30618
Drndarski, N. *see* Lavi, N. 49333
Drndic, M., Grimshaw, M.P., Cooper, L.J., Ritchie, D.A., Patel, N.K. Tunable electron-hole gases in gated InAs/GaSb/AlSb systems 42179
Drobac, D. Critical exponents from high-precision AC susceptibility data 3157
Drobakhin, O., Saltykov, D. 1-D inverse problem solution for multilayered dielectric structure using K-signal conception 45092
Drobakhin, O.O., Borulko, V.F., Andreev, M.V., Belichenko, Y.V., Klimenko, A.D. Using spectral estimation methods for external problems of microwave measurements 24554
Drobakhin, O.O., Borulko, V.F., Karlov, V.A. Millimeter apparatus for transmission line and dielectric material measurements by multifrequency methods 27873
Drobakhin, O.O. *see* Andreev, M.V. 40726
Drobakhin, O.O. *see* Andreev, M.V. 40727
Drobakhin, O.O. *see* Andreev, M.V. 40750
Drobnik, J. *see* Jain, P. 51304
Drobnjak, G. *see* Zdravkovic, Z. 19815
Drobnjak, G.V. *see* Vukelja, P.I. 19345
Drobshoff, A. *see* Bosenberg, W.R. 24120
Drobshoff, A. *see* Plaessmann, H. 3970
Drobyshevski, E., Kurakin, R., Rozov, S., Sakharov, V., Studenkov, A., Zhukov, B. The railgun experiments on head-on collision of different mass bodies in 10-15 km/s range 33892
Drodofsky, U., Stuhler, J., Brezger, B., Schulze, T., Drewsen, M., Pfau, T., Mlynek, J. Nanometerscale lithography with chromium atoms using light forces 42860
Droge, E. *see* Umbach, A. 26738
Drogobytsky, R. Electromagnetic waves transmission through grounded waveguide with scatterers 45316
Drogoreanu, V., Vizireanu, D. A class of MOS non-linear negative resistance oscillators 1179
Drogoreanu, V. *see* Radoi, C. 9337
Droguet, J.P., Teissier, G., Mayenc, F., Julie, J.J. High performance multichip modules for an airborne radar application 60159
Drolet, D. *see* Delaye, P. 18952
Drolet, D. *see* Dunning, G.J. 21398
Drolet, G. *see* Gravel, D.B. 4510
Drolet, J.-J. *see* Psaltis, D. 55947
Drolet, J.-J.P., Barbastathis, G., Psaltis, D. Integrated holographic memories 3346
Drommi, J.-L., Audoli, A., Guunic, P. Use of partial discharge measurements as stator bar acceptance criteria 60673
Dronov, V.V. *see* Klyachko, A.V. 28026
Droogenbroeck, M.Van *see* Van Droogenbroeck, M.
Droppo, J. *see* Narayanan, S.B. 45781
Drosdziok, A. *see* Oeynhausen, H. 60537
Drossos, G. Linear and circular polarised cylindrical dielectric resonator antennas 14730
Drossos, G., Wu, Z., Lacey, D., Davis, L.E. Experimental investigation of a cylindrical dielectric resonator antenna at 77 K 34216
Drossos, G., Zhipeng Wu, Davis, L.E. Radiation characteristics of a cylindrical dielectric resonator antenna operating at $HE_{21\delta}$ 24564
Drossu, R., Obradovic, Z. Stochastic modelling hints for neural network prediction 53499
Drost, L. *see* Christianen, P.C.M. 2232
Drost, S. *see* Endres, H.-H. 36762
Droubay, T. *see* Brundle, C.R. 43178
Drouilhet, S. *see* Muljadi, E. 29193
Drouillard, T.F. A history of acoustic emission 28690
Drouin, B. Holographic vibratory analysis of steam turbine blades 50782
Drouin, G. *see* Theriault, S. 58806
Drouin, M. *see* Chatry, N. 51824
Drozd, J.M., Joines, W.T. Determining Q using S parameter data 17752
Drozd, V.E., Baraban, A.P., Nikiforova, I.O., Aleskovski, V.B. Synthesis and investigation of heteroxides by ML-ALE method 52718
Drozd, V.E., Tolstoy, V.P. Study of the SiO_2 layer growth by the ML-ALE method 52719
Drozdik, V. *see* Motronyuk, T. 9509
Drozdov, V.N., Nikiforov, V.O., Volkov, M.A. Mathematical model of the mechatronic revolving table 61223
Drozdovski, A. *see* Fedotov, A. 12190
Drozdovski, N.V., Victorov, V. A novel waveguide amplitude modulator for MM-waves 53558
Drozdovsky, A.A. *see* Andreev, V.A. 37025
Drozdowskiy, A.A. *see* Kolomiets, A.A. 49028
Drozhdin, A.I., Huhtinen, M., Mokhov, N.V. Accelerator related background in the CMS detector at LHC 37276
Drubka, R.E. *see* Stone, K.W. 18697
Drucker, J. *see* Espada, L.I. 724
Drucker, R. *see* Nghiem, S.V. 60077
Drude, B., Hines, K.M. Practical stress analysis and design optimization of seam welded packages 53860
Drue, K.-H., Thust, H. RF-behavior of printed resistors in the frequency range up to 6 GHz 53641
Drueding, T.W. *see* Granade, S.R. 10059
Drugova, A.A. *see* Kholodnov, V.A. 44237
Druihle, R. *see* Angermeier, D. 40412
Druilhe, R. *see* Tromson-Carli, A. 40478
Drukarev, A. Compression-related properties of color spaces 57351
Drullinger, R. *see* Ekstrom, C.R. 48317
Drullinger, R. *see* Shirley, J.H. 27226
Drullinger, R.E., Jennings, D.A., Lee, W.D., Lopez-Romero, J.M. DBR laser diodes for optically pumped Cs frequency standards 27253
Drullinger, R.E. *see* Lee, W.D. 27325
Drullinger, R.E. *see* Mileti, G. 27323
Druml, G. Detection of high-resistance earth faults on compensated networks 8970
Drumm, C.R. *see* Fan, W.C. 28567
Drummond, J.R. *see* Burriesci, L.G. 28545
Drummond, P.D., Harvey, J.D., Dudley, J.M., Hirst, D.B., Carter, S.J. Phase waves in mode-locked superfluorescent lasers 23757
Drummond, P.D. *see* Dudley, J.M. 55217
Drummond, T.J. *see* Barnes, P.A. 12540
Drummond, T.J. *see* Fritz, I.J. 33122
Drung, D., Matz, H., Radic, T., Knappe, S., Menkel, S. Low-noise high-speed general purpose SQUID system 27427
Drung, D. *see* Trahms, L. 49492
Druon, F. *see* Balembois, F. 23865
Druon, F. *see* Balembois, F. 55571
Drury, D.H., Farhoomand, A. Administrative innovation applied to systems adoption 117
Drury, G.M. DVB channel coding standards for broadcasting compressed video services 58527
Drury, G.M., Budge, M.R.J. Picture quality and multiplex management in digital video broadcasting systems 17039
Drury, W. *see* Vas, P. 61196
Drusedau, T. *see* Zacharias, M. 41822
Druz, B. *see* Polyakov, V.I. 54268
Druzhinin, V.P. *see* Achasov, M.N. 37251
Druzhinin, V.P. *see* Anashin, V.V. 36549
Druzhinin, V.P. *see* Bukin, D.A. 37447
Druzhinin, V.P. *see* Bukin, D.A. 37489
Drwinga, R. *see* Wilkie, D. 31260
Dry, C. Crack and damage assessment in concrete and polymer matrices using liquids released internally from hollow optical fibers 11021
Dry, C., McMillan, W. A novel method to detect crack location and volume in opaque and semi-opaque brittle materials 40716
Dryagin, Yu., Scalyga, N., Geist, T. A notch filter for 140 GHz microwave radiation 11647
Dryden, G. *see* Corbett, F. 36262
Dryden, G. *see* Kovacs, M. 8676
Drye, J. *see* Jong-Kai Lin 224
Dryfuse, M.W., Tabib-Azar, M. A relationship between interface trap density and transconductance in 6H-SiC enhancement mode field effect transistors 42995
Dryfuse, M.W. *see* Aydin, H. 42996
Drynan, J.M., Koyama, K. Effect of nitrogen diffusion in Ti and Ti/TiN films for future DRAM bit line interconnects and plugs 22614
Drynan, J.M., Koyama, K. Comparison of CVD and PVD tungsten for gigabit-scale DRAM interconnections 41150
Drynan, J.M. *see* Saeki, T. 1385
Drysdale, M. *see* O'Connor, S.A. 28447
Drzazga, Z., Winiarska, A., Chelkowska, G. Magnetocrystalline anisotropy in $DyFe_{12-x}V_x$ intermetallics and their carbides 3140
Drzewiecki, G., Bansal, V., Li, J.K.-J. Single artery pressure-lumen volume curve and compliance using flexible diaphragm tonometry 59629
Drzewiecki, G. *see* Li, J.K.-J. 59427
D'Souza, C.M. *see* Furst, J.E. 3473
D'Souza, S.L., Melloch, M.R., Lundstrom, M.S., Harmon, E.S. Technique for measurement of the minority carrier mobility with a bipolar junction transistor 48860
D'Spain, G.L. *see* Booth, N.O. 18866
D'Spain, G.L. *see* Hodgkiss, W.S. 18865
Dssouli, R. *see* Tao, Z.P. 46789
Dsun-Chie Twu, Kwang-Cheng Chen A novel MAC protocol for broadband communication over CATV-based MANs 26114
Du, A.Y., Li, M.F., Chong, T.C., Teo, K.L., Lau, W.S., Zhang, Z. Dislocations and related traps in p-InGaAs/GaAs lattice-mismatched heterostructures 12322
Du, B., Suzuki, A., Kobayashi, S. Effects of gamma-rays irradiation on tracking resistance of organic insulating materials 13281
Du, D. *see* Liu, X. 24316
Du, D.H.C. *see* Kim, J. 1313
Du, D.H.C. *see* Kim, J. 11050
Du, D.H.C. *see* Mengjou Lin 47171
Du, D.H.C. *see* Pavan, A. 58281
Du, D.H.C. *see* Sanghyun Ahn 57989
Du, D.H.C. *see* Tsang, R.P. 26024
Du, D.H.C. *see* Yen-Jen Lee 52021
Du, H.-H. *see* Caleca, M.A. 42376
Du, J., Harding, G.L., Ogilvy, J.A., Dencher, P.R., Lake, M. A study of Love-wave acoustic sensors 38133
Du, J. *see* Bie, Q.S. 43661
Du, M. *see* Liu, C.T. 43291
Du, M.Le *see* Le Du, M.
Du, P.Le *see* Le Du, P.
Du, R.R. *see* Stormer, H.L. 12470
Du, S.Y. *see* Leng, J.S. 40695
Du, T., Vas, P., Stronach, A.F. Realtime DSP implementation of an extended observer in a high-dynamic performance induction motor drive 61123
Du, X. *see* Yan, F. 27634
Du, X.M. *see* Orignac, X. 55158
Du, Y., Hulyalkar, S., Evans, D., Petras, D., Ngo, C., May, P., Herrmann, C., Duque, M., Kraemer, R., Fifield, R., Verma, D. System architecture of a home wireless ATM network 47130
Du, Y., Nowick, A.S. Galvanic cell measurements on a fast proton conducting complex perovskite electrolyte 38959
Du, Y., Zahn, M., Mamishev, A.V., Schlicker, D.E. Moisture dynamic measurements of transformer board using a three-wavelength dielectrometry sensor 9312
Du, Y. *see* Farag, A.S. 28746
Du, Y. *see* Washabaugh, A.P. 23249
Du, Y.W. *see* Guo, Z.B. 32781
Du Biao, Yang Kezhong, Zhong Shunshi Aberration correcting methods for a parabolic torus reflector antenna 56174
Du Bin Thermal protection system for large induction motors based on on-line identification technique 19733
Du Bin *see* Bin Du
Du Chao-Chen *see* Chao-Chen Du
Du Detao *see* Detao Du
Du Guotong *see* Guotong Du
Du Hyun Lee *see* In Kyeom Kim 15673
Du Ji *see* Ji Du
Du Junchen *see* Junchen Du
Du Limin, Hou Ziqiang Determination of the instants of glottal closure from speech wave using wavelet transform 14949
Du Limin *see* Pi Xiaobo 56410
Du Limin *see* Wang Xuesong 56411
Du Ling, Luj Naiguang, Lang XiaoPing, Shi Yongchao, Li Yueqiang Holographic diffuser for diffusion to definite direction 44817
Du Lunin *see* Hu Hongtao 56409
Du Ming-Chih *see* Ming-Chih Du
Du Pingguo *see* Zhao Yougiun 54707
du Plessis, J. *see* Taglauer, E. 40663
Du Plessis, J.J. *see* Bakkes, P.J. 21716
du Pre Gauntt, J. Digital currency and public networks: so what if it is secure, is it money? 47037
Du Qiang *see* Qiang Du
Du Qinghong *see* Qinghong Du
Du Shanshan *see* Shanshan Du
Du Shaojun *see* Tan Jichun 24010
Du Shuanyi, Zhu Xiaoming A DSP realization of the HF adaptive frequency selection controller 47560
Du Shuchun Suggestion on revising the calculation method and some parameters used in lightning protection of transmission lines 38425
Du Toit, L.J., Cloete, J.H. Electric screen Jauman absorber design algorithms 14579
du Toit, L.P., Malan, P.A. Remote substation monitoring and control–the new breed 60953
Du Wei *see* Zhao Futao 38507
Du Weichong, Liu Songhao Determination of refractive-index grating phase shift in photorefractive crystal with a double phase conjugate interferometer 4074
Du Weimin *see* Weimin Du
Du Wenhui *see* Xiang Xianbi 20030
Du Xiaohang *see* Wang Wen 44440
Du Xiaosong *see* Xiaosong Du
Du Yanqing *see* Yanqing Du
Du Yaping *see* Yaping Du
Du Yi Analysis of fast ethernet and switched ethernet techniques 26219
Du Yi, Li Sanli Evaluation and analysis of network communication overhead in the networked parallel computing environment 26216
Du Yong *see* He Xiangjun 918
Du Youwei *see* Yu Zhongqing 953
Du Youwei *see* Youwei Du
Du Yuyuan *see* Yuyuan Du

Du Zhengchun *see* Liu Yutian 28773
Du Zhengmi *see* Zhengmi Du
Du Zhengwei *see* Zhengwei Du
Du Zhifang *see* Zhifang Du
Du Zhong *see* Liu Jian 11177
Du Zhong *see* Liu Jian 40880
Du-Ming Tsai Locating overlapping industrial parts for robotic assembly 15463
Du-Ming Tsai Boundary-based corner detection using neural networks 25560
Dual, J. *see* Mazza, E. 1015
Dual, J. *see* Mazza, E. 32588
Dual, J. *see* Mazza, E. 54830
Duan, F.L. *see* Sinha, S.P. 12997
Duan, G.-H., Fernandez, J.R., Garabal, J. Analysis of ATM wavelength routing systems by exploring their similitude with space division switching 5793
Duan, G.H. *see* Landais, P. 26746
Duan, X., Huneus, H., Kochmann, T., Leuridan, K., Kaczmarek, R., Protat, F. Effect of annealing temperature and heating rate on the magnetic and mechanical properties of electrical steel 23330
Duan Guang-Ren *see* Guang-Ren Duan
Duan Hailan *see* Zhao Ticheng 3324
Duan Jilin *see* Yang Xueyou 39886
Duan Limin, Li Zuyu, Gin Genming, He Zhiyoug, Zhang Baoguo, Wu Heyu, Luo Qingzheng, Wen Wanxin, Dai Guangxi A correction method for energy calibration in particle correlation measurement 18082
Duan Lin Xu *see* Xu Duan Lin
Duan Min *see* Peng Xiaolang 50620
Duan Minghao *see* Zhang Liang 13785
Duan Quansheng *see* Wang Wenran 38503
Duan Runsheng *see* Chen Naixiang 29147
Duan Shangshu *see* Shangshu Duan
Duan Shukun, Lu Dacheng Phase diagrams for the MOVPE growth of ZnTe and ZnSeTe 40473
Duan Shuzhen *see* Shuzhen Duan
Duan Wenhui *see* Guo Yong 42144
Duan Xiaoman *see* Xiaoman Duan
Duan Xue-Jiang *see* Li Xu 56546
Duan Yishi *see* Yu Zhangyuan 3381
Duan Yiwei *see* Yiwei Duan
Duan Yunsuo *see* Xia Ling 49659
Duanbao Chen *see* Chen Duanbao
Duane, S. The calibration of absorbed dose standards for ionising radiation 59778
Duanpei Wu, Gowdy, J.N. Shift-tolerant K-subspaces for phoneme recognition 34643
Duanyong Li *see* Weiqin Zou 54930
Duarte, A.M.de Oliveira *see* de Oliveira Duarte, A.M.
Duarte, A.S., Fragnito, H.L., Palange, E. Light induced permanent modifications of the nonlinear optical properties of semiconductor doped glasses 14277
Duarte, C.A., Oden, J.T. An h-p adaptive method using clouds 10461
Duarte, C.M., Barbi, I. A new family of ZVS-PWM active-clamping DC-to-DC boost converters: analysis, design, and experimentation 51279
Duarte, E.P., Jr., Nanya, T. Hierarchical adaptive distributed system-level diagnosis applied for SNMP-based network fault management 6136
Duarte, E.P., Jr., Nanya, T. An SNMP-based implementation of the adaptive distributed system-level diagnosis algorithm for LAN fault management 35632
Duarte, F.O. *see* Saraiva, J.T. 8729
Duarte, J.L. *see* Bosga, S.G. 61192
Duarte, J.L. *see* Gorter, R.J.A. 60751
Duarte, J.L. *see* Smidt, P.J.M. 60879
Duarte, M. *see* Baldochi, S.L. 10600
Duarte, M.A.V. *see* De Lima, L.C. 50052
Dubail, S. *see* Fischer, D. 39129
Dubanevich, D. *see* Pankov, V. 21370
Dubaniewicz, T.H., Jr., Kovalchik, P.G., Scott, L.W., Fuller, M.A. Distributed measurement of conductor temperatures in mine trailing cables using fiber-optic technology 39482
Dubard, J. *see* Osterwald, C.R. 39167
Dubash, N. *see* Zhang, Y.M. 44238
Dubbe, A., Wiemhofer, H.D., Sadaoka, Y. Electrode kinetic study of silver-ion doping effect in solid-electrolyte potentiometric carbon dioxide gas sensor 58869
Dubbeldam, J.L.A., Leegwater, J.A., Lenstra, D. Theory of mode-locked semiconductor lasers with finite absorber relaxation times 44544
Dubbelday, W.B., Ott, J., Lagnado, I., Kavanagh, K., Walker, H., Chu, J., Meyerson, B. Critical issues in SiGe on thin film silicon on sapphire for high performance room temperature CMOS technology 43258
Dubbelday, W.B. *see* Deng, F. 13004
Dubbert, D. *see* Walker, B. 8339
Dubbert, D.F. *see* Baca, A.G. 22885
Dubbs, T., Kashigin, S., Kratzer, M., Kroeger, W., Pulliam, T., Sadrozinski, H.F.W., Schwab, M., Spencer, E., Wichmann, R., Wilder, M., Unno, Y., Ohsugi, T. Efficiency and noise measurements of non-uniformly irradiated double-sided silicon strip detectors 37393
Dubbs, T., Kashigin, S., Miller, W.O., Rowe, W.A., Sadrozinski, H.F.-W., Shih, W., Seiden, A., Webster, A., Wichmann, R. Silicon detector–pyrolytic graphite sandwich 59292
Dubbs, T. *see* DeWitt, J. 59243
Dubbs, T. *see* Sadrozinski, H.F.W. 37399
Dubbs, T. *see* Unno, Y. 37395
Dube, A. *see* Jacquet, P. 36872
Dube, D.C. *see* Thomas, R. 36845
Dube, L. *see* Correia de Barros, M.T. 50505
Dube, R., Rais, C.D., Kuang-Yeh Wang, Tripathi, S.K. Signal stability-based adaptive routing (SSA) for ad hoc mobile networks 47001
Dube, S. *see* Calzone, S. 35183
Dubeau, F. Algorithms for n-th root approximation 561
Dubenkov, V., Sharkov, B., Golubev, K.A., Shumshurov, A., Shamaev, O., Roudskoy, I., Streltsov, A., Satov, Y., Makarov, K., Smakovsky, Y., Hoffmann, D., Laux, W., Muller, R.W., Spadtke, P., Stockl, C., Wolf, B., Jacoby, J. Acceleration of Ta^{10+} ions produced by laser ion source in RFQ MAXILAC 18057
Dubenkov, V.P. *see* Dornik, M. 59164
Dubey, G.K. *see* Kanetkar, V.R. 51135
Dubey, G.K. *see* Kanetkar, V.R. 51136
Dubey, R.K. *see* Patil, P.E. 54880
Dubey, V.K. *see* Choo, T.P. 45585
Dubietis, A. *see* Danielius, R. 14366
Dubin, V.M., Shacham-Diamand, Y., Bin Zhao, Vasudev, P.K., Ting, C.H. Selective and blanket electroless copper deposition for ultralarge scale integration 52739
Dubin, V.M., Shacham-Diamand, Y., Zhao, B., Vasudev, P.K., Ting, C.H. Sub-half micron electroless Cu metallization 42751
Dubin, V.M. *see* Shacham-Diamand, Y. 40514
Dubina, A.I. *see* Pirogov, Yu.A. 17291
Dubinov, A.E. *see* Vatrunin, V.E. 41794
Dubinovsky, M. *see* Ershov, O. 33093
Dubinovsky, M. *see* Suning Tanp 55345
Dubinskii, M.A. *see* Sarukura, N. 3752
Dubnicki, C., Bilas, A., Li, K., Philbin, J. Design and implementation of virtual memory-mapped communication on Myrinet 47220
Dubnicki, C. *see* Damianakis, S.N. 35686
Dubnishchev, Yu.N., Pavlov, V.A. Laser method for particle size measurement 17780
Dubnishchev, Yu.N. *see* Belousov, P.Ya. 7582
Dubnistchev, Yu.N. *see* Arbuzov, V.A. 15453
Dubois, C. *see* Labiadh, A. 42645
Dubois, D., Fargier, H., Lang, J., Prade, H., Sabbadin, R. Qualitative decision theory and multistage decision making: a possibilistic approach 10281
Dubois, D., Prade, H. An introduction to fuzzy systems 30468
Dubois, D.F. *see* Prete, J.J. 49830
Dubois, E. *see* Coulombe, S. 24937
Dubois, E. *see* de Cremoux, G. 43348
Dubois, E. *see* Robilliart, E. 12854
Dubois, E. *see* Robilliart, E. 12995
Dubois, E. *see* Robilliart, E. 13149
Dubois, H. *see* Philippe, J.-L. 21748
Dubois, J.L. *see* Bouville, C. 58056
Dubois, J.M. *see* Arisaka, K. 37460
Dubois, L. *see* Delmotte, F. 24928
Dubois, L. *see* Michel, C. 37855
Dubois, O. *see* Esin, S.K. 37133
Dubois, O. *see* Feschenko, A.V. 37134
Dubois, P. *see* Blum, C. 57968
Dubois, S. *see* Piraux, L. 43635
DuBois, T.A., DiPietro, C.A., Stevenson, G. System concept for a rotorcraft vision system to improve cargo handling operations 18991
Dubon, A. *see* Androussi, Y. 40413
Dubon, O.D. *see* Beeman, J.W. 13842
Dubonos, S.V. *see* Kononenko, O.V. 42747
Dubonos, S.V. *see* Kononenko, O.V. 42756
Duboscq, J. *see* Kagan, H. 37508
Duboscq, J. *see* Shipsey, I. 59232
Duboscq, J. *see* Spencer, M.B. 59274
Dubost, G., Frin, R., Gueho, S., Beguin, D., Dupont, L. Double polarisation antenna networks 4383
Dubov, S., Razhin, F. Ensuring uniformity of measurements in aerodynamic tests 49859
Dubovik, M.F., Zagoruiko, Yu.A., Korshikova, T.I., Shmaly, Yu.S., Sadovy, K.V. Influence of thermal treatment and radiation on some electrophysical parameters of langasite crystals 13230
Dubovitsky, A.S. *see* Zhu, D.X. 55896
Dubovoi, V.G. Modelling switching in electrical installations 28743
Dubovoi, V.G. Modelling of switching operations in electrical installations 60186
Dubovsky, S. *see* Kunrong Wang 60854
Dubowik, J. *see* Chrzumnicka, K. 23353
Dubowik, J. *see* Lucinski, T. 23352
Dubowik, J. *see* Stobiecki, F. 55039
Dubowski, M. *see* Citko, T. 19862
Dubowski, M. *see* Citko, T. 51337
Duboz, J.Y., Berger, V., Laurent, N., Adam, D., Nagle, J. Grating coupled infrared modulator at normal incidence based on intersubband transitions 44072
Dubrawski, A., Sawwa, R. Three-dimensional laser range finders for mobile robots' navigation 7577
Dubrov, V.D. *see* Banishev, A.F. 10054
Dubrovin, M.S. *see* Achasov, M.N. 37251
Dubrovin, M.S. *see* Anashin, V.V. 36549
Dubrovka, F., Dubrovka, R. Analysis of finite antenna arrays composed of finite length shielded disk-on-rod structures 45445
Dubrovka, F., Stepanenko, P. A new field theory approach for design of circular corrugated horn with axial slots 45361
Dubrovka, F.F., Stepanenko, P.Y. Wideband sections of differential phase shift on a corrugated square waveguide 1695
Dubrovka, R. *see* Dubrovka, F. 45445
Dubrovsky, A.V. *see* Lee, S. 59348
Dubrovsky, T. *see* Tronin, A. 17566
Dubuisson, B. *see* Boutleux, E. 6007
Dubuisson, B. *see* Boutleux, E. 26065
Dubuisson, B. *see* Boutleux, E. 56494
Dubuisson, B. *see* Deveughele, S. 56490
Dubuisson, B. *see* Reybet-Degat, G. 15419
Dubuisson, B. *see* Reybet-Degat, G. 25161
Dubuisson, B. *see* Xiao Wei Tu 25682
Dubus, B. *see* Debus, J.C. 23167
Dubus, J.-P. *see* Devlaminck, V. 56738
Dubus, J.-P. *see* Evrard, L. 46030
Dubus, J.-P. *see* Lecoeuche, S. 35333
Dubus, J.P. *see* Bouwmans, T. 25678
Dubus, J.P. *see* Bouwmans, T. 56832
Dubus, J.P. *see* Choquel, J.B. 21451
Dubus, J.P. *see* Devlaminck, V. 46511
Dubus, J.P. *see* Devlaminick, V. 59429
Duc, B., Schroeter, P., Bigun, J. Motion segmentation by fuzzy clustering with automatic determination of the number of motions 15545
Duc, G. *see* Ambos, P. 9057
Duc, J.-C.Le *see* Le Duc, J.-C.
Duc, N.H., Givord, D. Exchange interactions in amorphous Gd-Co alloys 3067
Duc, P., Hassig, H., Mlynek, D. A scalable multiprocessor architecture for professional digital audio 1474
Duc, T.-M. *see* Thevenot, V. 40353
Duca, D. *see* Quesnel, E. 3567
Duca, M. *see* Chiruta, M. 44980
Ducasse, A. *see* Maleck Rassoul, R. 55824
Ducellier, T., Goix, M., Hebert, J.P., Legouezigou, O., N'Go, R., Pommereau, F., Tscherptner, N., Pasquier, J., Gaborit, F., Pagnod, P., Grard, E., Artigaud, S., Blanconnier, P., Giraudet, L. Compact high sensitivity 10 Gbit/s SOA-filter-pin receiver module 47962
Ducey, R.V. An overview of the American digital television service program 7042
Duchane, D.V. Progress in making hot dry rock geothermal energy a viable renewable energy resource for America in the 21st century 29124
Ducharme, S., Machlab, H., Snyder, P.G., Woollam, J.A., Synowicki, R.A. A self-calibrating modulation ellipsometer 36504
Duchateau, J., van Compernolle, D. Automatic modeling of user specific words for a speaker independent recognition system 15002
Duchateau, J.-L. *see* Rousset, B. 38382
Duchateau, J.L., Ciazynski, D., Martinez, A., Schild, T., Navatel, R., ten Kate, H. Coupling losses of fusion conductors: influence of some design parameters 32948
Duchateau, J.L. *see* Decool, P. 32950
Duchateau, J.L. *see* Nijhuis, A. 43867
Duchateau, J.P.W.B. *see* Jacobs, B.A.J. 43911
Duchazeaubeneix, J.C. *see* Martinez, E. 49350
Duchene, G.A. *see* Negri, A.J. 47925
Duchene, J. *see* Devedeux, D. 49606
Duchenois, A.M. *see* Caffin, D. 22956
Duchenois, A.M. *see* Driad, R. 22951
Duchet, C., Boucherez, E., Fortin, C., Legouezigou, O. Polarisation-insensitive modulator and influence of propagation direction on bulk electroabsorption 33123
Duchet, C. *see* Jourdan, A. 26441
Duchnowski, P. *see* Meier, U. 14993
Duchowicz, R. *see* Sobral, H. 13951
Ducimetiere, L., Faure, P., Jansson, U., Riege, H., Schlaug, M., Schroder, G.H., Vossenberg, E. Pseudospark switch development for the LHC extraction kicker pulse generator 51409
Ducimetiere, L. *see* Carlier, E. 49074
Duck Kim Sang *see* Sang Duck Kim
Duck Min Lee, Min Su Jeong, Bo Eun Kim, Dong Myung Choi, Soo Won Kim A 300 MHz CMOS phase-locked loop with improved pull-in process 40960
Duck Soo Noh *see* Cheol Su Kim 55174
Duck-Chool Lee, Kang-Sik Park, Myung-Whan Hwang, Tabata, Y. A study on the aging properties of FRP insulation materials by ultraviolet radiation and ozone gas 54964
Duck-Chool Lee *see* Jae-Youn Park 29360
Duck-Chool Lee *see* Watanabe, S. 24357
Duck-Hyung Lee *see* Il-Kwon Kim 41170
Duck-Jin Chung *see* Bum-Youb Lee 21560
Duck-Jin Chung *see* Kuy-Tae Kim 41375
Duck-Jin Kim *see* Sang-Shin Yoo 47484
Duck-Joo Lee, Seon-Uk Na Numerical simulations of wake structure generated by rotating blades using a time marching, free vortex blob method 59966
Duckjin Chung *see* DonHee Jung 21657
Duclos-Hindie, N. *see* Dion, D. 16840
Ducloux, G. *see* Millaire, K. 59433
Ducos, L. Bareiss' algorithm, sub-resultant algorithm 40158
Ducreux, J.P. *see* Binesti, D. 9202
Ducroquet, F. *see* Kropfeld, P. 41739
Ducros, G. *see* Lewis, B.J. 9048
Ducrot-Gambart, D. *see* Sery, F. 58437

Duda, A., Perret, S. A network programming model for mobile applications and information access 6239
Duda, A. *see* Perret, S. 6124
Duda, R.O. *see* Chau, W. 4908
Dudasco, D. *see* Skaggs, F. 44302
Duddek, H. *see* Pfleging, W. 42661
Dudek, F.J. *see* Shoemaker, E.L. 36746
Dudek, G. *see* Ayoung-Chee, N. 5129
Dudek, R., Vogel, D., Michel, B. Mechanical failure in COB-technology using glob-top encapsulation 39783
Dudek, V., Appel, W., Beer, L., Digele, G., Hoffinger, B., Schneider, H. Silicon MOSFETs on insulator with lithography-independent 100 nm channel length 2668
Dudek, Z.T. The new broadband telecommunication services forecasts for the years until 2010 5917
Dudfield, H.J. *see* Davy, E.C. 18635
Dudinov, K.V. *see* Georgievskii, A.M. 31513
Dudko, A.G., Naidenko, V.I. A wide band matching of H-plane tee 45343
Dudle, G., Sagna, N., Thomann, P., Aucouturier, E., Petit, P., Dimarcq, N. Generation of a continuous beam of cold cesium atoms 48308
Dudle, G. *see* Sagna, N. 27368
Dudley, D. *see* Nighan, W.L., Jr. 14081
Dudley, D.G. *see* Dvorak, S.L. 34104
Dudley, J.K. *see* King, D.L. 39174
Dudley, J.M., Barry, L.P., Bollond, P.G., Harvey, J.D., Leonhardt, R., Drummond, P.D. Direct measurement of pulse distortion near the zero-dispersion wavelength in an optical fiber by frequency-resolved optical gating 55217
Dudley, J.M. *see* Barry, L.P. 13581
Dudley, J.M. *see* Barry, L.P. 55197
Dudley, J.M. *see* Drummond, P.D. 23757
Dudley, K.L. A description of the hardware element of the NASA EME flight tests 49920
Dudley, M. *see* Bong Mo Park 43505
Dudley, M. *see* Huang, W. 725
Dudley, N.J., Griffith, K. The importance of rigorous testing of circumference measuring callipers 28095
Dudley, R.F., Fellers, C.L., Bonner, J.A. Special design considerations for filter banks in arc furnace installations 39428
Dudley, T. *see* Zylbersztejn, A. 26901
Dudney, C.S. *see* Espinosa, G. 7825
Dudnikov, V. *see* Wang, W. 37178
Dudnikov, V.G. Practical aspects of surface plasma sources operation 37179
Dudnikov, V.G. Improved ionizer for nuclear polarized negative-ion production 37189
Dudnikov, V.G. *see* Belov, A.S. 37190
Dudnikov, V.G. *see* Guharay, S.K. 22713
Dudnikow, G., Jr. Fine pitch TAB: a PCB perspective 53786
Dudonis, R. *see* Agostino, T. 30186
Dudykevych, V.B. *see* Yurish, S.Y. 9880
Dudziak, E., Bozym, J., Pruchnik, D., Wasilewski, Z.N. Faraday rotation in multiple quantum wells of GaAs/AlGaAs 12437
Dueck, D.D. *see* Bourlas, Y. 16092
Duei Tsai *see* Mu-Piao Shih 58208
Duel-Hallen, A., Basavaraju, S., Mydlow, M.W. Decorrelating diversity equalizer for Rayleigh fading multipath channels 47630
Duel-Hallen, A. *see* Eyceoz, T. 26609
Duel-Hallen, A. *see* Eyceoz, T. 47629
Duel-Hallen, A. *see* Hsin-Yu Wu 47633
Duelli, M., Pourzand, A.R., Collings, N., Dandliker, R. Pure phase correlator with photorefractive filter memory 23468
Dueme, P., Nicole, P., Schaller, M., Bois, J.R. MMIC GaAs transimpedance amplifiers for optoelectronic applications 58315
Dueme, P. *see* Mathoorasing, D. 58296
Duen-Tay Huang *see* Chung-Ming Huang 16097
Duenas, S. *see* Enriquez, L. 22254
Duenas, S. *see* Quintanilla, L. 42070
Duenas Jimenez, A. The bilinear transformation in microwaves: a unified approach 30048
Duensing, G.R. *see* Peterson, D.M. 59399
Duerbaum, Th., Albach, M. Core losses in transformers with an arbitrary shape of the magnetizing current 51083
Duerden, S. *see* Green, M. 20455
Duerden, S. *see* Roedel, R.J. 20577
Dueren, M. Spectator tagging in electron deuteron scattering and the measurement of the Bjorken sum rule 37076
Duerinckx, G. Cyclic redundancy checks in Ada95 56260
Duernberger, P.M., Wang, F., Baruah, A., Nikaaien, P. An innovative sophomore level engineering design course 30077
Duerr, W., Menzel, W., Schumacher, H. A low-noise active receiving antenna using a SiGe HBT 34286
Duesing, P. *see* McDonald, D. 20695
Duesler, E.N. *see* Shang Guihua 30922
Dufau-Richet, J.L., O'Shea, T. Tomorrow's solution for today's networks: fiber optics switched broadband television networks 47428
Dufaux, F., Moscheni, F. Background mosaicking for low bit rate video coding 56959
Dufaux, F. *see* Moscheni, F. 25366
Dufay, L. *see* Benda, V. 49014
Dufaza, C., Ihs, H. A BIST-DFT technique for DC test of analog modules 22982
Dufey, J.-P. *see* Bizeau, C. 57597
Duff, I.S. *see* Amestoy, P.R. 597
Duff, I.S. *see* Davis, T.A. 30611
Duff, J.Le *see* Le Duff, J.
Duffar, T., Abadie, J. Wetting of InSb melts on crucibles in weightlessness–results of the TEXUS 32/TEM 01-4 experiment 10582
Duffaud, J. *see* Le Moal, P. 3024
Duffault, L. *see* Hamoir, D. 14375
Duffey, B. Getting smart about mechanical placement [PCB assembly] 31627
Duffey, J.N. *see* Kirsch, J.C. 38157
Duffield, J.A. *see* Sheehan, J.J. 28986
Duffield, N.G., Lewis, J.T., O'Connell, N., Russell, R., Toomey, F. Estimating QoS parameters for ATM traffic using its entropy 5674
Duffy, A.P., Johnson, M., Hill, D.J., Benson, T.M. Analysis of microwave resonators using transmission line modelling 1693
Duffy, G. Business geographics in telecom marketing: a guide to leveraging your AM/FM asset 16141
Duffy, M. *see* Allen, L.P. 42289
Duffy, M.C. The changing nature of engineering [technology history] 51
Duffy, S. *see* Gouker, M.A. 14745
Duffy, S.M., Gouker, M.A. Experimental comparison of the radiation efficiency for conventional and cavity backed microstrip antennas 34230
Duffy, S.M. *see* Delisle, J.T. 14757
Dufner, D.C. *see* Moon-Ho Park 42252
Dufort, B. *see* Chapman, G.H. 31248
Dufour, D. *see* Mandal, K. 1007
Dufour, D. *see* Mandal, K. 55022
Dufour, F., Bertrand, P., Elliott, R.J. Optimal filtering and control of linear systems with Markov perturbations 45826
Dufour, F. *see* Kent, M. 6658
Dufour, J., Latorre, R., Alcala, E.M., Negro, C., Formoso, A., Lopez-Mateos, F. Synthesis of M-type hexaferrites from steel pickling liquors (ID 109) 935
Dufour, J., McBride, R., Ping Zhang, Chung-Kuan Cheng A building block placement tool 40806
Dufour, R.M., Jr., Miller, E.L. Statistical estimation with 1/f-type prior models: robustness to mismatch and efficient model determination 25105
Dufour, S., Glorion, C., Lockwood, P. Evaluation of root-normalised front-end (RN LFCC) for speech recognition in wireless GSM network environments 26549
Dufrane, P. *see* Besancon, R. 34392
Dufrane, P. *see* Peixeiro, C. 35936
Dufrene, C., Jacolot, M., Poizat, F. Nuclear reactor simulators: EDF experience and projects 9051
Dufresne, P. *see* Garvey, T. 49193
Dug Hun Hong, Seok Yoon Hwang The convergence of T-product of fuzzy numbers 30476
Dugan, E.T. *see* Ioannou, D. 5409
Dugan, E.T. *see* Ioannou, D. 15439
Dugan, J.B., Doyle, S.A. Incorporating imperfect coverage into a BDD solution of a combinatorial model 20987
Dugan, J.B. *see* Gulati, R. 52343
Dugan, J.B. *see* Harpel, B.M. 52345
Dugan, M.P. Direct observation of localized high current effects in gallium arsenide field effect transistors 32448
Dugas, J. Modelling of thin polycrystalline silicon solar cells on low temperature substrates 20044
Dugas, S.F. *see* Garmon, J.P. 8230
Dugast, C. *see* Young, S.J. 56368
Dugatto, M. *see* Cosi, P. 4608
Dugelay, J.-L. *see* Barakat, M. 56742
Dugelay, S. Deep seafloor characterization with multibeam echosounders using image segmentation and angular acoustic variations 49986
Dugelay, S., Graffigne, C., Augustin, J.M. Deep seafloor characterization with multibeam echosounders by image segmentation using angular acoustic variations 18912
Duggal, A., Grover, W.D., MacGregor, M.H. Blocking analysis and optimized design of a class of circuit-switched multicast networks 16124
Duggan, L., Kron, T., Howlett, S. Radiotherapy treatment checking procedures throughout Australasia: results of a survey 37850
Duggan, P. A mutual alternative routing model for circuit-switched networks 16205
Dugger, M. *see* Stein, D. 2410
Dughaish, Z.H. *see* Al-Aql, A.A. 30955
Dughiero, F., Forzan, M., Lupi, S. 3D solution of electromagnetic and thermal coupled field problems in the continuous transverse flux heating of metal strips 51841
Dughiero, F. *see* Di Barba, P. 44990
Dugin, N.A., Koval'chuk, O.M., Shnyrova, E.Yu. Method for determination of the intensity of cosmic radio sources surrounded by an irregular background 36296
Dugourd, P. *see* Melinon, P. 40534
Duguay, L. System design concepts for a compact power system featuring 250 W rectifiers 51212
Duguay, M. *see* Fontaine, A. 16801
Duguay, M.A. *see* Martin, J. 13593
Duguid, T., Castle, I. An insulation enhancement system for improved network reliability 13264
Duh, K.H.G. *see* Tang, O.S.A. 31530
Duhaj, P. *see* Atkinson, D. 3063
Duhaj, P. *see* Basso, V. 3086
Duhamel, A. *see* Remy-Jardin, M. 37640
Duhamel, F. Biological effects of electromagnetic fields 28458
Duhamel, F. *see* Salmer, G. 53690
Duhamel, P. *see* de Courville, M. 5769
Duhamel, P. *see* Gesbert, D. 5704
Duhamel, P. *see* Gesbert, D. 46554
Duhamel, P. *see* Gosse, K. 15300
Duhamel, P. *see* Karray, L. 28137
Duhamel, P. *see* Prado, J. 15354
Duhem, O. *see* Kurkov, A.S. 43971
Duhem, O. *see* Kurkov, A.S. 43983
Dui Jiyin *see* Wang Yun 16102
Duijnhoven, A.T.A.Zegers-Van *see* Zegers-Van Duijnhoven, A.T.A.
Duijsen, P.J.van *see* van Duijsen, P.J.
Duijser, M. *see* Loulergue, J.C. 17850
Duin, C.W., Volgenant, A. The partial sum criterion for Steiner trees in graphs and shortest paths 40038
Duin, G., Voss, S. Efficient path and vertex exchange in Steiner tree algorithms 40052
Duin, R.P.W. *see* Kittler, J. 4914
Duin, R.P.W. *see* Manaf, A.A. 35303
Duin, R.P.W. *see* Skurichina, M. 5585
Duine, P.A. *see* Van Slooten, U. 53901
Duine, P.A. *see* Zagwijn, P.M. 53903
Duivenbode, R.van *see* van Duivenbode, R.
Dujardin, C. *see* Auffray, E. 37281
Dujardin, E. *see* Dehili, A. 5407
Dujardin, E. *see* Dehili, A. 57222
Dujardin, F. *see* Stebe, B. 32012
Duk Lee Jong *see* Jong Duk Lee
Duk Lee Rae *see* Rae Duk Lee
Duk Whan Kim *see* Sung Ho Lim 5721
Duk Young Kim, Jae Hong Park, Chung Kun Song Analysis of temperature effects on DC parameters of AlGaAs-GaAs HBT 54612
Duk-Dong Lee *see* Soon-Don Choi 36750
Duk-Heon Kim, Hack-Seong Kim, Jae-Mun Kim, Chung-Yuen Won, Sei-Chan Kim Induction motor servo system using variable structure control with fuzzy sliding surface 51672
Duk-Kyu Jeon, Gyung-Suk Kil, Bok-Hee Lee High-quality transient voltage measuring device using optical technique 27807
Dukaczewski, J. *see* Slowikowska, H. 43570
Duke, E.M.H. *see* Kinder, S.H. 48385
Duke, M.B. *see* McSpadden, J.O. 18674
Duke, R.M. *see* Brough, R.D. 50464
Dukendjiev, E. Biomechanical bases of an author's method of atypical prosthetics and orthotics of upper extremities of children 37885
Dukes, C.L. *see* Olsen, D.K. 49153
Dukhovnyi, A.M. Transformation of radiation by dynamic holograms with the electrocaloric recording mechanism 55941
Dular, P., Henrotte, F., Robert, F., Genon, A., Legros, W. A generalized source magnetic field calculation method for inductors of any shape 44931
Dular, P., Remacle, J.-F., Henrotte, F., Genon, A., Legros, W. Magnetostatic and magnetodynamic mixed formulations compared with conventional formulations 44929
Dular, P. *see* Remacle, J.-F. 44934
Dulay, N. *see* Crane, S. 57635
Dulimaria, H.S., Jain, A.K. Mobile robot localization in indoor environment 25561
Duling, I.N. *see* Carruthers, T.F. 33414
Duling, I.N., III Practical modelocked fiber lasers 23792
Duling, I.N., III *see* Carruthers, T.F. 14009
Duling, I.N., III *see* Dennis, M.L. 27951
Dulinski, W. *see* Bauer, C. 37326
Dulinski, W. *see* Bauer, C. 37378
Dulinski, W. *see* Weilhammer, P. 37381
Dulinski, W. *see* Weilhammer, P. 37429
Dulini, E. *see* Gentsch, D. 29479
Dulmet, B., Watchueng, H. An analysis of BAW to STW mutual transformation arising from periodic corrugation on the surface of a reciprocal coupler 23287
Dulmet, B. *see* Bourquin, R. 23277
Dulongpont, J., Pinault, F., Varin, J. Terminal technologies for mobile communications 35858
Dultz, W. *see* Frins, E.M. 23497
Dultz, W. *see* Frins, E.M. 43961
Duluc, J.B., Zimmer, T., Lewis, N., Dom, J.P. Determination of critical process steps for enhanced yield improvement 54731
Duluc, J.B. *see* Zimmer, T. 22780
Duman, E. *see* Or, I. 10030
Duman, T.M., Salehi, M. Optimal quantization for finite-state channels 34502
Duman, T.M., Salehi, M. Quantization for joint detection and estimation via a multiple access channel 34885
Dumania, P. *see* Grabiec, P.B. 43397
Dumas, J.-M. *see* Maneux, C. 2590
Dumas, J.M., Vigier, P., Berthelemot, C., Cances, J.P. Introduction of semiconductor devices into communication systems: teaching examples 9908
Dumas, P. Asymptotics of Mahler recurrences: binary partitions weighted by the number of summands 30620

Dumbrajs, O., Pavelyev, A.B. Insert misalignment in coaxial cavities and its influence on gyrotron operation 41800
Dumbrajs, O. *see* Nusinovich, G.S. 1941
Dumer, I. Suboptimal decoding of linear codes: partition technique 24706
Dumesh, B.S., Surin, L.A. Two highly sensitive microwave cavity spectrometers 7549
Dumford, S.A. *see* Orvek, K.J. 2526
Dumin, D.J. Thickness dependence of oxide wearout 12579
Dumin, O., Tretyakov, O. Radiation of arbitrary signals by plane disk 45034
Dumin Zheng *see* Jian Li 4872
Dumitras, D.C. *see* Dutu, D.C.A. 8099
Dumitrescu, G. *see* Pavelescu, D. 29480
Dumitrescu, O. *see* Mares, G. 13269
Dumitru, V., Cimpoiasu, E., Morosanu, C., Nenu, C., Necsoiu, D. Aluminum nitride films for optical applications 43893
Dumke, K., Borsi, H., Gockenbach, E. Fundamental investigations on the influence of temperature and water content on the electrical behavior of fluid impregnated insulating papers 13290
Dumke, K., Borsi, H., Gockenbach, E. Experimental investigations on the behavior of decomposition gases in insulating liquids caused by partial discharge and breakdown 23153
Dummer, C. *see* Schomburg, E. 53616
Dumond, S. *see* Seyve, C. 19501
Dumont, C. *see* Coulot, C. 46141
Dumont, G. *see* Nesic, Z. 7168
Dumont, H. *see* Thevenot, V. 40353
Dumont, M. *see* Hebert, M. 28339
Dumont, R.A. Teaching and learning in cyberspace 16229
Dumontier, C., Luthon, F., Charras, J.P. Real time implementation of an MRF-based motion detection algorithm on a DSP board 46475
Dumord, E., Jouvard, J.M., Grevey, D. Keyhole modelling during cw Nd:YAG laser welding 14490
Dumpelmann, M., Elger, C.E. Separating EEG spike-clusters in epilepsy by a growing and splitting net 18465
Dumschat, C. *see* Cammann, K. 27965
Dumur, D., Boucher, P., Kolb, T. Application of cascaded constrained receding horizon predictive control to an induction machine 9224
Dumur, D. *see* Boucher, P. 9592
Dunagan, S.E. *see* Hammer, P.D. 8398
Dunare, C. *see* Cosmin, P. 40594
Dunare, C. *see* Modreanu, M. 48921
Dunare, C. *see* Popescu, D.S. 48740
Dunavant, T.S. *see* Buford, J.A., Jr. 28505
Duncan, A.C., Boughner, D., Vesely, I. Effect of dynamic fixation parameters on the viscoelastic properties of bioprosthetic porcine aortic heart valve tissue 59791
Duncan, A.L. *see* Miller, C. 56965
Duncan, B.D. *see* DeLong, M.L. 4100
Duncan, G., Heidbreder, W., Hammack, J., Szpak, C. Multisensor evaluation research: enhancement techniques and sensor evaluation results 17515
Duncan, H. Spreading the net–the growth and infrastructure of Europe's GSM networks 58144
Duncan, J.S. *see* Chakraborty, A. 18276
Duncan, J.S. *see* Niessen, W.J. 46420
Duncan, J.S. *see* Robinson, G.P. 15425
Duncan, L. *see* Fryhoff, D. 1893
Duncan, M.D. *see* Bashkansky, M. 11025
Duncan, M.D. *see* Bashkansky, M. 21415
Duncan, M.R. *see* Lovejoy, S. 38073
Duncan, P. *see* Zabaronick, N. 17405
Duncan, P.G. *see* Jones, M.E. 18658
Duncan, P.G. *see* Jones, M.E. 49873
Duncan, P.G. *see* Murphy, K.A. 17443
Duncan, P.H., Jr. The effect of temporal image filters on observer-dependent contrast metrics 46262
Duncan, R., Martin, K.W., Sedra, A.S. A Q-enhanced active-RLC bandpass filter 53424
Duncan, S.W. *see* De Lisio, M.P. 11736
Duncan, T.E., Pasik-Duncan, B., Zimmer, P. Computational methods for some stochastic partial differential equations 40223
Duncan, W.M., Bevan, M.J., Shih, H.D. Real-time diagnostics of II-VI molecular beam epitaxy by spectral ellipsometry 30805
Duncan, W.M. *see* Bevan, M.J. 707
Duncan, W.M. *see* Bevan, M.J. 40465
Duncombe, P.R. *see* Grill, A. 54949
Duncombe, P.R. *see* Sun, J.Z. 3260
Duncombe, P.R. *see* Sun, J.Z. 43671
Dunford, R.B., Mitchell, E.E., Clark, R.G., Stadnik, V.A., Fang, F.F., Newbury, R., McKenzie, R.H., Starrett, R.P., Wang, P.J., Meyerson, B.S. A low-temperature insulating phase at $\nu=1.5$ for 2D holes in high-mobility Si-$Si_{1-x}Ge_x$ heterostructures with Landau level degeneracy 54149
Dunford, R.W. *see* Stohlker, Th. 7727
Dunford, T. *see* McQuilton, D. 37945
Dunford, W. *see* Jing Wang 51122
Dunford, W. *see* Salazar, A.O. 29203
Dunford, W.G. *see* Bond, E. 29444
Dunford, W.G. *see* Wang, J. 29443
Dunford, W.G. *see* Wang, J. 38834
Dung, L.-R. *see* Egolf, T. 31055
Dunger, J. *see* Hambitzer, G. 9489
Dunham, B.M. Jefferson Lab, a status report 37009
Dunham, C. *see* Changzhong Zhu 535
Dunham, D. *see* Brundle, C.R. 43178
Dunham, D.G. Developments in pacing technology; electrodes, leads and power sources 28445
Dunham, P.D. Optimizing quality function deployment–the process 39909
Dunham, S.T., Wittel, F.P. Models and parameters for the coupled diffusion of dopants and point defects in silicon 41887
Dunham, S.T. *see* Banerjee, S. 41891
Dunham, S.T. *see* Clejan, I. 54041
Dunham, S.T. *see* Gencer, A.H. 41895
Dunham, S.T. *see* Gencer, A.H. 42385
Dunham, S.T. *see* Navi, M. 54418
Dunham, S.T. *see* Srinivasan, G.R. *(editor)* 39560
Dunham, W.R. *see* Filter, W.F. 49364
Dunham, W.R. *see* Moon, N. 49363
Dunin-Borkowski, R.E. *see* Xin, Y. 30820
Dunja Desnica, I. *see* Kranjcec, M. 33167
Dunkel, C., Reschke, D. Interval-based real-time transmission control 57567
Dunker, J., Hartmann, G., Stohr, M. Single view recognition and pose estimation of 3D objects using sets of prototypical views and spatially tolerant contour representations 15519
Dunkers, J.P., Flynn, K.M., Parnas, R.S. A mid-infrared attenuated total internal reflection cure sensor for control of resin transfer moulding of a pre-ceramic polymer 48368
Dunlap, F. *see* Koza, J.R. 52978
Dunlap, H.L. *see* Miles, R.H. 3892
Dunlap, H.L. *see* Williamson, W., III 21637
Dunlap, W.P. *see* Kennedy, R.S. 59871
Dunlavy, D. *see* Emery, K. 39169
Dunleavy, L. *see* Winson, P.B. 21931
Dunlop, A.E. *see* Ota, Y. 58348
Dunlop, A.M., Firth, W.J., Wright, E.M. Generalized mean-field or master equation for nonlinear cavities with transverse effects 3925
Dunlop, D., McKinley, K. OMI–a standard model interface for IP delivery 52977
Dunlop, I., McNab, A. Automated parameter extraction for ultrasonic flaw analysis 52901
Dunlop, J. Potential for compressed video transmission over the GSM HSCSD service 25695
Dunlop, J. Performance assessment of the advanced time division multiple access system by simulation 35952
Dunlop, J. *see* Arregui, A. 35964
Dunlop, J.B. *see* Mueller, K.-H. 3051
Dunlop, J.P. *see* Atmaram, G.H. 39170
Dunmin Zheng, Jian Li, Miller, S.L. An efficient propagation delay estimator for DS-CDMA signals 25889
Dunmin Zheng, Jian Li, Miller, S.L., Strom, E.G. An efficient code-timing estimator for DS-CDMA signals 26483
Dunmire, B.L., Beach, K.W., Labs, K.H., Detmer, P.R., Standness, D.E., Jr. A vector Doppler ultrasound instrument 28181
Dunmore-Buyze, P.J. *see* Moreau, M. 37750
Dunn, A. *see* Arai, Y. 37267
Dunn, A. *see* Arai, Y. 37268
Dunn, B. *see* Kuo, Y.-K. 3763
Dunn, B. *see* Yen-Kuang Kuo 3776
Dunn, C., Sandler, M. Psychoacoustically optimal sigma-delta modulation 58596
Dunn, C.D.G., Higgon, D. The utilities view [to European power station procurement standards] 38458
Dunn, D.F. *see* Weldon, T.P. 5508
Dunn, D.F. *see* Weldon, T.P. 15851
Dunn, D.S. *see* Augustin, E.P. 4344
Dunn, G.M., Rees, G.J., David, J.P.R. Monte Carlo simulation of impact ionisation in photodetectors 36570
Dunn, G.M., Rees, G.J., David, J.P.R. Monte Carlo simulation of impact ionisation in MESFETs 43148
Dunn, G.M., Rees, G.J., David, J.P.R., Plimmer, S.A., Herbert, D.C. Monte Carlo simulation of high field transport and impact ionization in GaAs p^+in^+ diodes 12873
Dunn, G.M., Rees, G.J., David, J.P.R., Plimmer, S.A., Herbert, D.C. Monte Carlo simulation of impact ionization and current multiplication in short GaAs p^+in^+ diodes 42924
Dunn, G.M. *see* Plimmer, S.A. 42906
Dunn, J. *see* Vichot, P. 41223
Dunn, J.M. *see* Perry, R.M. 39810
Dunn, M. *see* MacDonald, B. 8677
Dunn, M. *see* Schaefer, B. 22779
Dunn, M.H. *see* Colville, F.G. 24251
Dunn, M.H. *see* Gibson, G.M. 44703
Dunn, M.H. *see* Morrison, G.R. 3751
Dunn, M.H. *see* Rahlff, C. 14338
Dunn, M.H. *see* Tang, Y. 14336
Dunn, P.J. *see* McGarry, J.F. 36265
Dunn, R.B. *see* Singer, E. 14977
Dunn, R.W. *see* Bennett, A.C. 19192
Dunn, R.W. *see* Chan, K.W. 60255
Dunn, R.W. *see* Nicholson, B.A. 19206
Dunn, S. *see* Ostuni, J. 59488
Dunn, S.E. *see* Smith, S.M. 38093
Dunn, S.M. *see* Phillips, P.J. 5294
Dunn, T.J., Teik-Meng Lee, Jain, K. Absolute distance measurement interferometry for alignment systems for advanced lithography tools 22718
Dunn, W.L. *see* Arai, Y. 37267
Dunn, W.L. *see* Arai, Y. 37268
Dunnage, P. *see* White, A.J. 20228
Dunnam, C.R. *see* Rogers, J.T. 49250
Dunne, B. *see* Pelloie, J.L. 22816
Dunne, B. *see* Raynaud, C. 22963
Dunne, J. *see* Farrell, T. 58336
Dunne, R.C., Sitaraman, S.K. Thermo-mechanical modeling of a novel MCM-DL technology 1857
Dunne, R.P. *see* Deutsch, A. 43289
Dunnett, G. *see* Waller, M. 11479
Dunnigan, M. *see* Adams, D. 59218
Dunnigan, M.W. *see* Karshenas, A.M. 45791
Dunnigan, M.W. *see* Wade, S. 51005
Dunnigan, M.W. *see* Wade, S. 60782
Dunnigan, W. *see* Wade, S. 51009
Dunning, G.J., Pepper, D.M., Klein, M.B., Mitchell, P.V., O'Meara, T.R., Delaye, P., Blouin, A., Drolet, D., Monchalin, J.-P. Laser-based ultrasound detection using a double-pumped phase-conjugate mirror for wavefront compensation 21398
Dunning, G.J. *see* Pepper, D.M. 20963
Dunning, G.J. *see* Pepper, D.M. 21396
Dunning, P.S. *see* Taylor, G.A. 37761
Dunnrowicz, C.C. *see* Chua, C.L. 55687
Dunoyer, J. *see* Bazargan-Sabet, P. 9891
Dunphy, J.R. Feasibility study concerning optical fiber sensor vibration monitoring subsystem [with AOTF signal processing] 17444
Dunschede, F. *see* Muller, F. 27215
Dunstan, D.J. *see* Kidd, P. 30786
Dunstan, D.J. *see* Prins, A.D. 22226
Dunstan, D.J. *see* Whitaker, M.F. 22386
Dunstan, N., Lenders, P.M. Systolic arrays for 2D decimation filters 25590
Dunwen Zuo *see* Zuo Dunwen
Dunwoody, C. *see* Hunt, J. 33310
Dunworth, C. *see* Boneh, D. 12002
Duo Cheng *see* Cheng Duo
Duo Hanzheng *see* Hanzheng Duo
Duo Liping, Yang Bailing, Sang Fengting, Jin Yuqi, Li Fuling, Sun Yizhu, Zhuang Qi, Zhang Cunhao The experimental study on the temporal and spatial dependence of small-signal gain in a supersonic CW COIL 23755
Duo-Rong Yuan *see* Yuan Duo-Rong
Duong, K., Garcia, E. Design and performance of a rotary motor driven by piezoelectric stack actuators 29355
Duong, S., Marechal, Y., Schaeffer, C., Mulertt, C., Sarrus, F., Gelet, J.L. Electrothermal model of a fuse 31086
Duong, S., Rael, S., Schaeffer, C., De Palma, J.F. Short circuit behaviour for PT and NPT IGBT devices–protection against explosion of the case by fuses 40892
Duong, S., Rael, S., Schaeffer, C., Sarrus, F. Investigation on fuse electrical behavior at high frequency 53732
Duong La *see* Babiarz, A. 39833
Duorong Yuan, Dong Xu, Mingguo Liu, Fang Qi, Wentao Yu, Wenbo Hou, Yonghong Bing, Suoying Sun, Minhua Jiang Structure and properties of a complex crystal for laser diode frequency doubling: cadmium mercury thiocyanate 32982
Duorong Yuan *see* Yuan Duorong
Duparre, A. *see* Kiesel, A. 7570
Dupenloup, F., Chapelon, J.Y., Cathignol, D.J., Sapozhnikov, O.A. Reduction of the grating lobes of annular arrays used in focused ultrasound surgery 8101
Dupertuis, M.A. *see* Ammann, C. 42170
Dupertuis, M.A. *see* Monnard, R. 33118
Dupiech, M., Marche, P. IRNG cameras family 27672
Dupin, J.-P. *see* Cuillandre, J.-C. 48679
Dupire, P. *see* Hamery, P. 54845
Dupont, E. *see* Yang, R.Q. 44293
Dupont, F., Odet, C., Carton, M. Optimization of the recognition of defects in flat steel products with the cost matrices theory 52899
Dupont, H. *see* Tillerot, F. 26852
Dupont, L. *see* de Bougrenet de la Tocnaye, J.L. 55321
Dupont, L. *see* Dubost, G. 4383
Dupont, L. *see* Le Bourhis, L. 33162
Dupont, M. *see* Aboubacar, A. 41758
Dupont, M. *see* Bourssseau, S. 10970
Dupont, O., Nancy, T., Wei, S.J., Leroy, J., Crappe, R.G. VHDL description for SDH system simulation and circuit synthesis 57581
Dupont, O. *see* ShaoJun Wei 58058
Dupont, P. Cellular TV, an evolutive broadband access to multimedia services 48225
Dupont, S. *see* Cordier, P. 43946
Dupont, I.S. *see* Lang, T. 17332
Duport, I.Schanen *see* Schanen Duport, I.
Dupouy, C. French LADGPS experiment on precision approaches 8282
Dupouy, F. *see* van Bockstal, L. 7544
Dupraz, B. French nuclear power plant operating results 50699
Dupret, A. *see* Prevost, D. 3671
Dupret, F. *see* Dornberger, E. 10606
Dupret, F. *see* Van den Bogaert, N. 10605
Dupret, F. *see* Van den Bogaert, N. 30703
Dupret, F. *see* Van den Bogaert, N. 30704
Dupuis, A. *see* Hebuterne, G. 35406
Dupuis, R.D., Holmes, A.L., Grudowski, P.A., Fertitta, K.G., Ponce, F.A. High-quality III-V nitrides

grown by metalorganic chemical vapor deposition 21280
Dupuis, R.D. *see* Carrano, J.C. 48555
Dupuis, R.D. *see* Chelakara, R.V. 40483
Dupuis, R.D. *see* Grudowski, P.A. 3585
Dupuis, R.D. *see* Grudowski, P.A. 12228
Dupuis, R.D. *see* Grudowski, P.A. 52723
Dupuis, R.D. *see* Ponce, F.A. *(editor)* 20309
Dupuis, V., Cavailler, C., Nore, D., Jourdain, M. High sensitivity image intensifier tube device for hard-x-ray detection 7838
Dupuis, V. *see* Melinon, P. 40534
Dupuy, F. *see* Colban, E. 5971
Dupuy, J.C. *see* Labiadh, A. 42645
Duque, M. *see* Du, Y. 47130
Duque Perez, O., Martin Bueno, F.J., Del Alamo y Del Sarmiento, J.L. Inclusion of preventive maintenance and weather conditions influence in reliability analysis of distribution networks using minimal cut set–Markov processes mixed techniques 8881
Duque-Carrillo, J.F. *see* Perez-Aloe, R. 21799
Duquette, D.J. *see* Sainio, C.A. 2406
Dur, M., Goodnick, S.M., Lugli, P. Monte Carlo simulation of intersubband relaxation in wide, uniformly doped $GaAs/Al_xGa_{1-x}As$ quantum wells 32013
Durack, L.D. *see* Pollard, K.R. 49488
Durackova, D. *see* Butas, J. 32544
Duraffourg, P. *see* Adam, A. 37280
Duraisamy, R. *see* Jiang, B.C. 59007
Durakiewicz, T. Electron emission controller with pulsed heating of filament 31687
Duran, H.C., Cheung, R., Patrick, W., Bachtold, W., Pfund, I., Hahner, G. An investigation of various post-RIE cleaning processes for dry etched InP-based HEMTs 41437
Duran, M. *see* Devine, R.T. 8193
Duran, P. *see* Pardo, L. 54940
Durand, B. *see* Bonnet, M. 51163
Durand, D.M., Jian-Cheng Lin Theoretical study of magnetic field of current monopoles in special volume conductor using symmetry analysis 28244
Durand, D.M. *see* Tyler, D.J. 49794
Durand, F. *see* Martinuzzi, S. 39018
Durand, F. *see* Perichaud, I. 10671
Durand, G. *see* Ball, J. 18071
Durand, G. *see* Dozov, I. 48764
Durand, J. *see* Derr, M. 5916
Durand, J.M. *see* Martinez, E. 49350
Durand, K., Bigger, J., Hester, S., Serfass, J. The TEAM-UP commercialization initiative: progress of the grid-independent program 50836
Durand, K. *see* Bigger, J. 38658
Durand, K. *see* Hester, S. 50843
Durand, L.-G. *see* Zhenyu Guo 18235
Durand, M. *see* Lamarre, L. 19358
Durand, O. *see* Dolfi, D. 27005
Durand, P.E. *see* Chardonnet, Ch. 36362
Durand, R., Yao-Ching Liu, Douligeris, C. Neural network-based congestion control for single and multiple sources in ATM networks 57964
Durand, S., Alexandre, F. TOM, a new temporal neural net architecture for speech signal processing 24880
Durand, S., Rosenthal, A., Thomas, M. Photovoltaic hybrid system performance comparisons: prediction versus field results 38659
Durand, S., Slagle, D. United States Coast Guard hybrid system experience on Kodiak Island, Alaska 38653
Durand, S. *see* Colnet, B. 25186
Durand, S. *see* Mange, D. 1288
Durandet, A., Davis, C.A., Boswell, R.W. Pure silicon plasma in a helicon plasma deposition system 40639
Durant, E.D. *see* Cornwell, J.A. 18595
Durante, L., Sisto, R., Valenzano, A. A LOTOS specification of the SERCOS field-bus protocol 5856
Durante, L. *see* Cena, G. 5884
Duranza, S. *see* Midon, M. 6171
Durao, D.F.G. *see* Caseiro, T.A. 30055
Durbeck, D. *see* Rollins, J.G. 48789
Durbha, A., Pearton, S.J., Abernathy, C.R., Lee, J.W., Holloway, P.H., Ren, F. Thermal stability of ohmic contacts to n-$In_xGa_{1-x}N$ 12536
Durbha, A., Pearton, S.J., Abernathy, C.R., Lee, J.W., Holloway, P.H., Ren, F. Microstructural stability of ohmic contacts to $In_xGa_{1-x}N$ 54258
Durbin, F. *see* Azencott, R. 5665
Durbin, F. *see* Azencott, R. 57441
Durbin, F. *see* Pissaloux, E. 35008
Durbin, F. *see* Pissaloux, E.E. 35006
Durbin, S.M. A computational approach to the analysis of distributed Bragg reflectors in direct-gap solar cells 38981
Durdle, N.G., Zhang, Z., Raso, V.J., Hill, D.L. Construction of surface models of the human trunk 49518
Durec, J. *see* Lovelace, D. 53671
Duret, D., Leger, J.M., Frances, M., Bonzom, J., Alcouffe, F., Perret, A., Llorens, J.C., Baby, C. Performances of the OVH magnetometer for the Danish Oersted satellite 8292
Durfee, C.G. *see* Milchberg, H.M. 4000
Durfee, C.G., III *see* Milchberg, H.M. 17913
Durga Prasad, G., Al-Mulhim, M.A., Ray, G.D., Gopichand, B. Comparative assessment of the effect of dynamic load models on voltage stability 50334
Durgin, W.W., Schachterle, L. Development of outcome assessments at WPI 20579
Durham, B. *see* DePlasco, M.A. 49959
Durham, J.E. *see* Darling, S.S. 38484
Durham, J.E. *see* Kleam, J.A. 38525
Durham, M.O., Durham, R.A. Paradigm shifts and impact on industry and technology [R&D management] 39642
Durham, M.O., Durham, R.A. Grounding system design for isolated locations and plant systems 60422
Durham, M.O. *see* Tompkins, C.M. 28894
Durham, R.A. *see* Durham, M.O. 39642
Durham, R.A. *see* Durham, M.O. 60422
Durhuus, T. *see* Danielsen, S.L. 36098
Duric, A. Complex business telecommunication network supervision and management 5963
Duric, S. *see* Nikolic, P.M. 54130
Duric, Z.G., Jovic, V.B. Epitaxial growth of $Hg_{1-x}Cd_xTe$ 10736
Durie, R. Internet law–the Internet, trademarks and domain names 26229
During, C. Recursive versus nonrecursive correlation for real-time peak detection and tracking 45754
During, C., Komeda, T., Matsuto, M., Funakubo, H. An inexpensive light source and detector module for fibre-optic measurements 36645
Durka, P.J., Blinowska, K.J., Zygierewicz, J. Matching Pursuit–a method of evaluation and parametrisation of non-stationary signals and transients 49605
Durkan, C., Shvets, I.V., Lodder, J.C. Observation of magnetic domains using a reflection-mode scanning near-field optical microscope 43660
Durkin, A.J., Ediger, M.N., Pettit, G.H. Determination of polydimethylsiloxane (silicon) concentration in turbid samples from Raman spectra 7934
Durkin, A.P., Bondarev, B.I., Murin, B.P. Study of space charge-dominated beam bunching 37137
Durkin, A.P. *see* Batskikh, G.I. 7697
Durkin, A.P. *see* Bondarev, B.I. 7702
Durkin, A.P. *see* Bondarev, B.I. 37136
Durkin, A.P. *see* Shumakov, I.V. 49191
Durkin, J. Surface vertical magnetic field produced by a finite loop buried in an Earth containing a thin conducting sheet 34270
Durkin, M. *see* Cole, M.J. 48024
Durlam, M. *see* Huang, J.H. 42284
Durlam, M. *see* Martinez, M.J. 43120
Durlam, M. *see* Tehrani, S. 43728
Durling, E.C. *see* Solka, J.L. 60175
Durmanov, S.T. *see* Burtsev, A.V. 3771
Durmosch, M.K., Egelhaaf, C., Engel, K.-D., Schoo, P. Design and implementation of a multimedia communication service in a distributed environment based on the TINA-C architecture 26357
Durnell, L. *see* Brinicombe, A.M. 59898
Durovray, C. *see* Bosc, D. 59056
Durpel, L.Van Den *see* Van Den Durpel, L.
Durr, M. *see* Weibel, A. 9134
Durr, Th. *see* Braunger, D. 39119
Durrani, T.S. *see* Chambers, C. 15341
Durrani, T.S. *see* Freeland, G.C. 16068
Durrani, T.S. *see* Roy, E. 15375
Durrant, P.T. *see* Ramsden, D. 7845
Durrant-Whyte, H.F. *see* Quine, B. 46019
Durrett, R.A., Berinato, R.J., Harrison, L.J., Viveiros, E.A., Patterson, M.S., Caraway, W. Demonstration of a real-time acousto-optic range-Doppler processor 8666
Durrieu, G. *see* d'Ausbourg, B. 5904
Durst, F., Kadinski, L., Makarov, Yu.N., Schaefer, M., Vasil'ev, M.G., Yuferev, V.S. Advanced mathematical models for simulation of radiative heat transfer in CVD reactors 41944
Durst, F. *see* Wechsler, K. 26204
Durst, M.J. The progressive transmission disadvantage 24627
Durufle, F., Humbert, F.R., Rolland, R. Future terminals: Which RF and analog processes? 58024
Duruoz, C.I., Clarke, R.M., Marcus, C.M., Harris, J.S., Jr Switching and hysteresis in quantum dot arrays 54184
Durupt, I. *see* Herve, T. 18522
Durwen, E.J. UMTS–status and European perspectives 58195
Durwood, B. *see* Powell, J. 31667
Duryea, J. *see* Ha, J.C. 27618
Durygin, A. *see* Frukacz, Z. 13534
Durygin, A.N. *see* Kaczmarek, S. 14028
Dus, E. *see* Jaroszynski, J. 12438
Dusa, M. Reticle consideration for 0.30 μm design rules, between aspiration and actuality 22693
Dusa, M., Dellarochetta, S., Fung, A., Su, B., Zavecz, T.E. Comprehensive focus-overlay-CD correlation to identify photolithographic performance 2465
Dusa, O. *see* Kovac, J. 3078
Dusane, R.O. *see* Bauer, S. 9549
Duscalu, D.C. *see* Popescu, D.S. 43404
Duscher, G. *see* Schroer, E. 22211
Duschl, R. *see* Kastner, M.J. 40344
Dusheng Wang *see* Wang Dusheng
Dushkin, V.D. Mathematical models of two-dimensional diffraction problems on periodic structures 45098
Dusi, W. *see* Chirco, P. 37316
Dusi, W. *see* Grassi, D. 7849
Dusi, W. *see* Ramunno, G. 37332
Dussarrat, O.J., Clark, D.F., Moir, T.J. Application of a PLL and ALL noise reduction for an optical sensing system 7653
Dusseau, L., Randolph, A.T.L., Schrimpf, R.D., Galloway, K.F., Saigne, F., Fesquet, J., Gasiot, J., Ecoffet, R. Prediction of low dose-rate effects in power metal oxide semiconductor field effect transistors based on isochronal annealing measurements 42981
Dusserre, L. *see* Quantin, C. 4532
Dussert, C., Chardin, A. Optimal compressions and retrieval of point patterns through minimal spanning tree representations 46026
Duster, J. *see* Chain, K. 54562
Duster, J. *see* Chen, K. 43006
Dusterdiek, T. *see* Hoff, R.M. 28618
Dusza, J., Kot, P., Mugarra, F., Serradell, V. Multidimensional pseudo-random pulse signals and their coincidence properties 31149
Dusza, J.J., Kot-Nawrocki, E.P., Mugarra-Gonzalez, C.F., Serradell-Garcia, V. Coincidence coefficients of multidimensional pseudo-random pulse signals generated in systems with state programmers 1280
Dutartre, D. *see* Bremond, G. 12148
Dutartre, D. *see* Meyer, F. 12553
Dutcher, W. IP addressing: Playing the numbers 57809
Duthil, R. *see* Clay, P. 49023
Dutil, A. *see* Picher, P. 38771
Dutisseuil, E., Sibille, A., Palmier, J.F., Thierry-Mieg, V., de Murcia, M., Richard, E. Nonequilibrium thermal noise in GaAs/GaAlAs superlattice miniband 2150
Dutkiewicz, M., Davenport, M., Rey, M., Boulter, J.F., Blanchard, A. Fusion of optical, infrared and radar imagery for coastal surveillance 28711
Dutkiewicz, P. *see* Kozlowski, K. 9467
Dutkiewicz, P. *see* Kozlowski, K. 48954
Dutoit, M. *see* Jian Mi 12527
Dutoit, M. *see* Letourneau, P. 9861
Dutoit, T., Gosselin, B. On the use of a hybrid harmonic/stochastic model for TTS synthesis-by-concatenation 4577
Dutov, A.I., Novoselov, N.A., Kuleshov, A.A. Investigations of output power and beam divergence of slab waveguide RF-pumping CO_2 laser 13958
Dutreix, A. *see* Georg, D. 49778
Dutriat, C. *see* Charmot, H. 49026
Dutronc, J. The use of the EUTELSAT system for future services 6698
Dutsyak, I.S., Pavlyshyn, A.Z., Margolych, I.L., Romanyuk, R.R. Structural, electrical and optical properties of a-GeSe thin films at $\gamma(Co^{60})$-quanta irradiation 54108
Dutt, A., Gu, M., Rokhlin, V. Fast algorithms for polynomial interpolation, integration, and differentiation 576
Dutt, D.Narayana *see* Narayana Dutt, D.
Dutt, G.S. *see* Tanides, C.G. 19185
Dutt, N.D. *see* Panda, P.R. 11448
Dutt, N.D. *see* Panda, P.R. 53274
Dutt, S., Hanchek, F. REMOD: a new methodology for designing fault-tolerant arithmetic circuits 31237
Dutt, S. *see* Hanchek, F. 1245
Dutt, V., Greenleaf, J.F. Adaptive speckle reduction filter for log-compressed B-scan images 18271
Dutt, V. *see* Vilkomerson, D. 28122
Dutt Shantanu *see* Shantanu Dutt
Dutta, A. *see* Basu, S. 48726
Dutta, A.K. Annealing effect on interfaces of atmospheric pressure chemical-vapor-deposited multilayer doped silicon oxides for optical waveguides 55235
Dutta, J. *see* Chakrabarti, R. 22287
Dutta, J. *see* Chakrabarti, R. 31862
Dutta, J.M. *see* Benson, S.V. 18075
Dutta, M. *see* Shen, H. 22417
Dutta, M. *see* Weimin Zhou 12408
Dutta, N.K., Hobson, W.S., Lopata, J., Zydzik, G. Tunable InGaAs/GaAs/InGaP laser 44458
Dutta, N.K., Hobson, W.S., Zydzik, G.J., de Jong, J.F., Parayanthal, P., Passlack, M., Chakrabarti, U.K. Mirror passivation of InGaAs lasers 33507
Dutta, N.K., Nichols, D.T., Jacobson, D.C., Livescu, G. Fabrication and performance characteristics of high-speed ion-implanted Si metal-semiconductor-metal photodetectors 48503
Dutta, N.K. *see* Freeman, P.N. 6728
Dutta, N.K. *see* Freeman, P.N. 17079
Dutta, N.K. *see* Freeman, P.N. 26699
Dutta, P., DuttaMajumder, D. Performance comparison of two evolutionary schemes 10333
Dutta, P. *see* Finkelstein, S.M. 49375
Dutta, P. *see* Mukhopadhyay, S. 33187
Dutta, P.K. *see* Weidong Zhu 23173
Dutta, P.K. *see* Zhu, W. 32681
Dutta, P.S., Bhat, H.L., Kumar, V. Effect of hydrogenation on the electrical and optical properties of GaSb 12670
Dutta, P.S. *see* Bermudez, V. 32658
Dutta, P.S. *see* Bermudez, V. 43485
Dutta, P.S. *see* Piqueras, J. 41989
Dutta, S. Strategies for implementing knowledge-based systems 20759
Dutta, S., Dimitrova, N. Smart video streams: 101 uses of the user data field in MPEG 15516

Dutta, S., O'Connor, K.J., Wolfe, A. High-performance crossbar interconnect for a VLIW video signal processor 15914
Dutta, S., Wolfe, A., Wolf, W., O'Connor, K.J. Design issues for very-long-instruction-word VLSI video signal processors 31290
Dutta, S. *see* Bondi, J.O. 21713
Dutta, S. *see* Wolfe, A. 35109
Dutta, S. *see* Wolfe, A. 41239
Dutta, V. *see* Murthy, R.V.R. 20033
Dutta, V.P. *see* Dixit, R.P. 48094
Dutta Roy, S.C. Appearances can be deceptive: the case of a BJT biasing circuit 11040
Dutta Roy, S.C. *see* Jain, S.B. 53426
Duttagupta, S.P. *see* Hirschman, K.D. 23704
Duttagupta, S.P. *see* Tsybeskov, L. 3673
Duttagupta, S.P. *see* Tsybeskov, L. 13865
Duttagupta, S.P. *see* Tsybeskov, L. 44289
DuttaMajumder, D. *see* Dutta, P. 10333
Dutting, K. *see* Wunstel, K. 36083
Dutto, G. *see* Bricault, P.G. 49093
Dutton, D. *see* Hartley, R.H. 10740
Dutton, D. *see* Savas, S. 2388
Dutton, G. *see* Nogaret, E. 19648
Dutton, K. *see* Green, R.G. 61242
Dutton, P.L. *see* Fontes, M.B.A. 28081
Dutton, R.E. *see* Stubbs, D.A. 20983
Dutton, R.W. *see* Chen, T. 13109
Dutton, R.W. *see* Golias, N.A. 13108
Dutton, R.W. *see* Golias, N.A. 52580
Dutton, R.W. *see* Gyoyoung Jin 12860
Dutton, R.W. *see* Sato-Iwanaga, J. 43142
Dutton, R.W. *see* Voorde, P.V. 43071
Dutton, R.W. *see* Wang, K. 13101
Dutton, R.W. *see* Ze-Kai Hsiau 12741
Dutu, D.C.A., Dumitras, D.C., Ghetie, S. Computer-assisted CO_2 laser scanning system for surgical techniques 8099
Dutuit, Y., Chatelet, E., Signoret, J.-P., Thomas, P. Dependability modelling and evaluation by using stochastic Petri nets: application to two test cases 39925
Dutzi, J. *see* Muller-Fiedler, R. 13196
Duval, B.K., Main, L. Microcomputer applications in the library. Searching on the Net: general overview 26128
Duval, W.M.B. *see* Singh, N.B. 10598
Duval, W.M.B. *see* Zhou, H. 680
Duvankov, N.I. *see* Sokolov, O.B. 32151
Duvaut, P., Doucet, A., Veaux, C., Flandrin, P. Instantaneous frequency estimation: Bayesian approaches versus reassignment–application to gravitational waves 25140
Duvaut, P. *see* Andrieu, C. 4667
Duvaut, P. *see* Doucet, A. 25135
Duvaut, P. *see* Doucet, A. 34900
Duvaut, P. *see* Rousseau, H. 34936
Duverdier, A., Lacaze, B., Aakvaag, N.D. A novel approach to spread spectrum communication using linear periodic time-varying filters 6473
Duverdier, A. *see* Aakvaag, N.D. 4827
Duverneuil, P. *see* Fayolle, F. 30924
Duverneuil, P. *see* Fayolle, F. 30925
Duvieubourg, L. *see* Deparis, J.P. 25504
Duvieubourg, L. *see* Khoudour, L. 25564
Duvieubourg, L. *see* Khoudour, L. 57493
Duvillaret, L. *see* Ferrari, P. 664
Duvivier, F., Allan, G.A. Application of a survey sampling critical area computation tool in a manufacturing environment [IC yield] 32510
Duvvury, C., Amerasekera, A. Advanced CMOS protection device trigger mechanisms during CDM 22975
Duvvury, C., Amerasekera, A., Joyner, K., Ramaswamy, S., Young, S. ESD design for deep submicron SOI technology [NMOS transistor] 2655
Duvvury, C. *see* Amerasekera, A. 43084
Duvvury, C. *see* Ramaswamy, S. 21598
Duwart, E. *see* Canale, R. 20676
Duxbury, C. *see* Chalmers, A. 6256
Duxstad, K. *see* Fan, Z. 12550
Duxstad, K.J., Haller, E.E., Yu, K.M. High temperature behavior of Pt and Pd on GaN 42251
Duxstad, K.J. *see* Hirsch, M.T. 22438
Duy Vu Loi *see* Loi Duy Vu
Duyet, T.N. *see* Saraya, T. 22810
Duym, A., van der Pols, E.K.H. A DSP-based interference current filter for asynchronous traction drives 51775
Duyn, J.H. *see* Yihong Yang 7992
Duyne, S.A.Van *see* Van Duyne, S.A.
Duzellier, S. *see* Calvel, P. 22947
Duzer, T.van *see* van Duzer, T.
Duzkenova, Zh.A., Kadomskaya, K.P. Information transmission by means of high voltage power cables 8899
Duzkenova, Zh.A., Kadomskaya, K.P. Information transmission by means of high-voltage power cables 28898
Dvinskikh, V.A. Oscillation spectrum of a self-excited oscillator with a nonlinear resonance circuit 1174
Dvinsky, A. *see* Niculin, D. 39780
Dvorak, J., Hedges, W., Braun, C. Electrical noise cancellation using high temperature superconductor modulation 50647
Dvorak, J. *see* Hodges, B. 50648
Dvorak, M.W., Bolognesi, C.R., Chow, D.H. Demonstration of NAND logic switching in InAs/AlSb dual-gate HFETs 13009
Dvorak, M.W. *see* Bolognesi, C.R. 1718
Dvorak, M.W. *see* Bolognesi, C.R. 43147
Dvorak, S.L., Ziolkowski, R.W., Dudley, D.G. Ultra-wideband electromagnetic pulse propagation in a homogeneous, cold plasma 34104
Dvorak, V., Schwarz, J. Crosstalk analysis in multiconductor interconnect systems 56077
Dvoretsky, S.A. *see* Ksvitashev, K.K. 30780
Dvoretsky, S.A. *see* Ovsyuk, V.N. 17374
Dvoretsky, S.A. *see* Ovsyuk, V.N. 17376
Dvoretsky, S.A. *see* Ovsyuk, V.N. 36562
Dvoretsky, S.A. *see* Susov, E.V. 33229
Dvoretsky, S.A. *see* Voitsekhovskii, A.V. 36563
Dvornikov, A.S., Rentzepis, P.M. 3D optical memory devices. System and materials characteristics 3341
Dvornikov, A.S., Rentzepis, P.M. Novel organic ROM materials for optical 3D memory devices 43920
Dvurechenskii, A.V., Zinov'ev, V.A., Markov, V.A., Crotzchel, R., Heinig, K.-X. Effects of pulsed irradiation by low-energy ions during homoepitaxy of silicon from a molecular beam 40369
Dvurechenskii, A.V. *see* Yakimov, A.I. 44197
Dvurechenskii, A.V. *see* Yakimov, A.I. 54109
Dwan, T.E. *see* Watts, J.W. 50793
Dwarakanath, K. *see* Poovamma, P.K. 38788
Dwarakanath, K. *see* Sundara Rajan, J. 13293
Dwersteg, B. Wireless interface for computers 58261
Dwilinski, R., Baranowski, J.M., Kaminska, M., Doradzinski, R., Garczynski, J., Sierzputowski, L. On GaN crystallization by ammonothermal method 10619
Dwir, B., Reinhardt, F., Wehman, H., Gustafsson, A., Kapon, E. Quantum wire self-ordered growth seeded by electron-beam lithography 40434
Dwir, B. *see* Monnard, R. 33118
Dwir, B. *see* Reinhardt, F. 2118
Dwir, B. *see* Reinhardt, F. 52653
Dwivedi, H.K., Venkateswarlu, D.S. Thermal design considerations for fast warm-up cathodes in MM wave magnetrons 1931
Dwolatzky, B. *see* West, N.A. 28879
Dworak, D. *see* Dinter, H. 37924
Dworkin, L. *see* Bonushkin, Y. 31719
Dwuletzki, H. *see* Vetter, J. 51891
Dwyer, D., Bharghavan, V. A mobility-aware file system for partially connected operation 26566
Dwyer, G.K. *see* McKellar, E.N., Jr. 20454
Dwyer, R.F. Advances in sonar signal processing in the 90's 38043
Dwyer, R.F. Automated real-time active sonar decision making by exploiting massive parallelism 48153
Dwyer, V.M. Modelling electromigration problems for high frequency AC or pulsed stress 54495
Dwyer-Joyce, R.S., Bullough, W.A., Lingard, S. Elastohydrodynamic performance of unexcited electro-rheological fluids 982
Dyachenko, P.P. *see* Gulevich, A.V. 33375
Dyachenko, T.A. *see* Kamuz, A.M. 3444
D'yachenko, V.M. *see* Chultem, D. 37164
D'yachkov, A.I. *see* Belikov, S.V. 28029
D'Yakanova, O.A., Kazantsev, Yu.N. Broadband radio absorbing structures with small reflection coefficient 45001
Dyakin, V.V. Direct and inverse problem of magnetostatics 55967
Dyakin, V.V., Umergalina, O.V., Sandovskii, V.A. Measurement of magnetic permeability in a constant field 48849
Dyakonov, M. *see* Knap, W. 54169
Dyakonov, M.I. *see* Knap, W. 22347
Dyakonov, M.I. *see* Weikle, R., II 7263
Dyakonov, M.I. *see* Zduniak, A. 12399
Dyakov, V.A., Ebbers, C.A., Pchelkin, M.V., Pryalkin, V.I. Lithium sodium carbonate: a new nonlinear-optics crystal 33609
Dyball, S. *see* Lieske, R. 41672
Dybdal, R.B., Curry, S.J. Adaptive beam pointing 34421
Dybdal, R.B. *see* Shaw, G.M. 34327
Dychkov, A.S. *see* Bagayev, S.N. 27375
Dyck, D.N., Lowther, D.A. Composite microstructure of permeable material for the optimized material distribution method of automated design 43734
Dyck, D.Van *see* Van Dyck, D.
Dyck, J.S. *see* Argoitia, A. 21221
Dyck, O.Van *see* Van Dyck, O.
Dyck, V.Van *see* Van Dyck, V.
Dyckman, H.L. Spread spectrum modulation by means of time-varying linear filtering 34887
Dyczij-Edlinger, R. *see* Jin-Fa Lee 40288
Dyczij-Edlinger, R. *see* Perepelitsa, S.G. 41421
Dyczij-Edlinger, R. *see* Polstyanko, S.V. 44718
Dye, R.G., Horne, L.D. Parameter characterization on a telemetry channel including the effects of the specular ray 6030
Dye, R.G. *see* Horne, L.D. 6028
Dye, S. Mach-Zehnder external modulator linearization techniques 26694
Dyer, C.R. *see* Seitz, S.M. 5055
Dyer, C.S., Truscott, P.R., Evans, H.E., Peerless, C.L. Simulation of spacecraft secondary particle emissions and their energy deposition in CCD X-ray detectors 28555
Dyer, C.S., Watson, C.J., Peerless, C.I., Sims, A.J., Barth, J. Measurements of the radiation environment from CREDO-II on STRV and APEX 28496
Dyer, D.C., Gardner, J.W. Interface electronics for resistive and piezoelectric polymer gas sensors 27763
Dyer, D.J. *see* Walba, D.M. 44097
Dyer, J.S. *see* Jianmin Jia 30447
Dyer, J.W. *see* Reiger, M.A. 37779
Dyer, P.E., Gonzalo, J., Key, P.H., Sands, D., Schmidt, M.J.J. Studies of target materials and wavelength for laser ablation-deposition of Ti:sapphire 40625
Dyer, P.E., Waldeck, I., Roberts, G.C. Fine-hole drilling in Upilex polyimide and glass by TEA CO_2 laser ablation 52186
Dyer, P.E. *see* Allwood, D.A. 4170
Dyer, T. *see* Ruiping Wang 52148
Dyer, T.W. *see* Yota, J. 54801
Dygdala, R.S., Zielinski, M. Reply to "Comment on 'Modular digital boxcar for applications in pulsed laser spectroscopy' " [Rev. Sci. Instrum. **66**, 3507 (1995)] 7163
Dyk, E.E.van *see* van Dyk, E.E.
Dykaar, D. *see* Brener, I. 2224
Dykaar, D. *see* Brener, I. 11677
Dyke, D.W., Chang, M.Y., Leung, C.C.C., Childs, P.A. Hot carrier energy distributions in short channel MOSFETs and the persistence of substrate currents at low drain voltages 12971
Dyke, H. *see* Bellwied, R. 59284
Dyke, H. *see* Pandey, S.U. 37293
Dyke, K.Van *see* Van Dyke, K.
Dyke, P.Van *see* Van Dyke, P.
Dykeman, D. *see* Doeringer, W. 35734
Dykes, D. *see* Watanabe, S. 24357
Dykes, D. *see* Watanabe, S. 40666
Dykes, D.M. The electron gun for the Daresbury SRS linac 37203
Dykes, S.G. *see* Xiaodong Zhang 57131
Dykhuizen, R.C. *see* Schiferl, R.F. 60722
Dyle, R. *see* Bilanin, W. 38574
Dymny, G., Kujawinska, M. Optoelectronic/image processing module for enhanced fringe pattern acquisition and analysis 36448
Dymny, G. *see* Kujawinska, M. 17821
Dymond, J. *see* Weeber, K. 38677
Dymond, J.H. *see* Stranges, N. 19744
Dymond, M.S. *see* Borle, L.J. 60585
Dymont, V.P. *see* Novikov, V.P. 21320
Dynowska, E. *see* Story, T. 12313
Dynowska, E. *see* Szuszkiewicz, W. 12439
Dynowska, E. *see* Szuszkiewicz, W. 22242
Dyntu, M.P., Kantser, V.G., Niglei, D.F. Semiconductor thermoelectric Bi_2Te_3-Sb_2Te_3 microwires and combined biomicroelectrodes on their basis 49676
Dyogteva, O.B. *see* Pastushenkov, Yu.G. 3124
Dyott, R. *see* Emge, S. 27614
Dyott, R. *see* Emge, S. 58786
Dyott, R.B. Reduction of the Shupe effect in fibre optic gyros; the random-wound coil 7381
Dyott, R.B. *see* Bennett, S. 27638
Dyrnes, S.L. Fuse classifications and protection of IEC motor starter 31568
Dyrting, S. *see* Leonski, W. 55902
Dyshel, D., Yeremina, L., Tel'nikov, E., Rud, B. Compositions without noble metals for thick film gas sensor heater fabrication 27739
Dysko, R. *see* McArthur, S.D.J. 8952
Dyson, C.S. *see* Kolesar, E.S. 27513
Dyson, P.L. *see* Davies, T.P. 60063
Dyson, P.L. *see* Norman, R.J. 56049
Dyukova, T.V., Lukashev, E.P. Dehydration effects on D96N bacteriorhodopsin films 3343
Dzalandinov, D.N. *see* Nikolaev, Yu.V. 19977
Dzekov, T.A. *see* Karadzinov, L.V. 2603
Dzenkevich, A. *see* Shteinshleiger, V. 27025
Dzenkevitch, A.B. *see* Kutuza, B.G. 16938
Dzeroski, S. *see* Gamberger, D. 24759
Dzhalandinov, D.N. *see* Nikolaev, Yu.V. 19976
Dzhanoyan, A.S. Electrical-engineering industry in Russia and the Commonwealth of Independent States 19134
Dzhidzhoev, M.S., Mikheev, P.M., Platonenko, V.T., Savel'ev, A.B. Numerical analysis of SRS conversion of terawatt femtosecond UV pulses 14289
Dzhidzhoev, M.S., Mikheev, P.M., Platonenko, V.T., Savel'ev, A.V. Numerical simulation of stimulated-Raman-scattering conversion of femtosecond UV pulses 55809
Dzhidzhoev, M.S., Mikheev, P.M., Savel'ev, A.B. Feasibility of constructing a 100 TW femtosecond electric-discharge excimer system 44336
Dzhumaeva, M. *see* Evstropov, V.V. 42066
Dzhurenko, S.V. *see* Barchuk, I.P. 32085
Dziadecki, A., Grzegorski, J., Skotniczny, J. A drive unit with an asynchronous machine and a frequency converter comprising an intermediate DC circuit–some results of research work 29701
Dziech, A., Belgassem, F.H., Aboukhres, S., Nabout, A. Periodic Haar piecewise linear series and transform 39985
Dziech, A., Nabout, A., Nour Eldin, H.A. Contour extraction and compression using piecewise linear transform 46507
Dziedzic, A., Golonka, L.J., Kozlowski, J., Liczner-ski, B.W., Nitsch, K. Thick-film resistive temperature sensors 36465
Dziedzic, A. *see* Snarskii, A.A. 11748

Dziel, P. The need for complete system level test standardization 31245
Dziel, P. *see* Boutin, M. 36429
Dzielinska, Z. *see* Gorecka, B. 49437
Dzielski, J.E., Burkhardt, R.C., Kotanchek, M.E. Comments on "Modified MUSIC algorithm for estimating DOA of signals" 25011
Dziendziel, R. *see* Ehsani, H. 32968
Dzieniakowski, M.A., Grabowski, P.Z. Fuzzy logic controller with state recognition for three phase PWM-VSI 9377
Dzieniakowski, M.A., Kazmierkowski, M.P. Self-tuned fuzzy PI current controller for PWM-VSI 51162
Dzieniakowski, M.A. *see* Kazmierkowski, M.P. 51169
Dziong, Z., Jia, M., Mermelstein, P. Adaptive traffic admission for integrated services in CDMA wireless-access networks 16588
Dziong, Z., Juda, M., Mason, L.G. A framework for bandwidth management in ATM networks–aggregate equivalent bandwidth estimation approach 35647
Dziong, Z., Zhang, J., Mason, L.G. Virtual network design: an economic approach 35584
Dziuba, R.F. *see* Elmquist, R.E. 27268
Dziuba, R.F. *see* Jeffery, A. 17147
Dziuba, R.F. *see* Marshall, J.A. 17736
Dziubachyk, O. *see* Solodyak, M. 43631
Dziuban, E. *see* Stadnyk, B. 28156
Dziuban, J. *see* Hachol, A. 37613
Dzunda, M. Accuracy and resistance of the radionavigation distance meter against chaotic impulse interference when using binary carrier signals 27113
Dzung Pham *see* Anderson, H. 10115
Dzurko, K. *see* Nagarajan, R. 16672
Dzurko, K.M. *see* DeMars, S.D. 3844
Dzyubak, A.P. *see* Ball, J. 18071

E., A.Valdenegro *see* Valdenegro E., A.
e Silva, A.S. *see* Simoes Costa, A.J.A. 50360
e Silva, T.Oliveira *see* Oliveira e Silva, T.
Ea Kim, B. *see* Varniere, F. 43494
Ea-Ee Jan, Flanagan, J. Sound capture from spatial volumes: matched-filter processing of microphone arrays having randomly-distributed sensors 15242
Eager, G.S., Katz, C., Fryszczyn, B., Densley, J., Bernstein, B.S. High voltage VLF testing of power cables 50590
Eaglesham, D.J., Agarwal, A., Haynes, T.E., Gossmann, H.-J., Jacobson, D.C., Poate, J.M. Damage and defects from low-energy implants in Si 31744
Eaglesham, D.J. *see* Gossmann, H.-J. 41890
Eaglesham, D.J. *see* Liu, C.T. 32155
Eaglesham, D.J. *see* Pelaz, L. 54359
Eaglesham, D.J. *see* Picraux, S.T. 12702
Eakin, J. *see* Yuan, Z. 40542
Eakin, R.J. *see* Stagaman, G.J. 2551
Ealey, M.A., Weaver, G.Q. Developmental history and trends for reaction bonded silicon carbide mirrors 33191
Ealey, M.A., Wellman, J.A. Ultralightweight silicon carbide mirror design 33192
Ealey, M.A., Wellman, J.A. Polishability of CER-AFORM silicon carbide 33193
Ealy, P. *see* De Doncker, E. 21163
Eam Khwang Teoh *see* Mital, D.P. 15743
Eam Khwang Teoh *see* Mital, D.P. 46143
Eames, I.W., Sabir, H.M. Potential benefits of electrohydrodynamic enhancement of two-phase heat transfer in the design of refrigeration systems 20250
Eardley, P.L., Wisely, D.R. 1 Gbit/s optical free space link operating over 40 m system and applications 16806
Eardley, P.L., Wisely, D.R., Wood, D., McKee, P. Holograms for optical wireless LANs 16812
Earle, M.W. Environmental data collection in near-real time along the entire coast of Texas 50188
Earles, S.W.E. *see* Zhu, Y. 35218
Earles, T. *see* Guckel, H. 23089
Earley, L.M. *see* Fazio, M.V. 33353
Early, D.A. *see* Jones, R.T. 17407
Early, E.A., Thompson, A. Irradiance of horizontal quartz-halogen standard lamps 17156
Early, M.D., Jones, K. Optimum sensitivity of an externally shielded cryogenic current comparator 27815
Early, M.S. *see* Pearson, R.A. 39782
Earnshaw, A.M., Blostein, S.D. Investigating the effects of imperfect digital beamforming on cell capacity in a cellular CDMA communication system 47674
Earnshaw, J.C., Haughey, D. Inversion of the Poisson transform using proportionally spaced cubic *B*-splines 390
Earth, J.E. *see* Jiang, X.R. 24364
Eary, J.F. *see* Pollard, K.R. 49488
Eason, R.W. *see* Kaczmarek, M. 44641
Eason, R.W. *see* Robertson, E.E. 55277
Eason, R.W. *see* Smith, P.G.R. 43499
Eason, S.D. SiGe stretches limits of silicon applications 43250
East, G. *see* Chu, C.M. 37038
East, G. *see* Nagaitsev, S.S. 59172
East, G.W. *see* Hull, E.L. 59351
East, I.R., Rowe, J. Effects of isolation in a distributed population genetic algorithm 10387
East, J. *see* Ponchak, G.E. 53645
East, J.R. *see* Eisenbeiser, K.W. 2712
Eastham, J.F., Hill-Cottingham, R.J., Young, I.R., Hajnal, J.V. A method of inverse calculation for regions of small susceptibility variations 49486
Eastham, J.F., Ionel, D.M., Balchin, M.J., Betzer, T., Demeter, E. Finite element analysis of an interior-magnet brushless DC machine, with a step-skewed rotor 51034
Eastham, J.F. *see* Hredzak, B. 9153
Eastham, J.F. *see* Hredzak, B. 9572
Eastham, J.F. *see* Hredzak, B. 9686
Eastham, J.F. *see* Ionel, D.M. 9259
Eastham, J.F. *see* Moghani, J.S. 9270
Eastham, M.S.P. *see* Brown, B.M. 52559
Eastham, R., Thirunarayan, K. Proof strategies for hardware verification 1036
Eastman, C., Hewitt, R., Slinn, M. Using cameras to deter the illegal use of bus lanes in Birmingham 25684
Eastman, G.Y. *see* Bienert, W.B. 9998
Eastman, J.A. *see* Bandyopadhyay, S. 54183
Eastman, L. *see* Seaford, M. 54688
Eastman, L.F. *see* Burm, J. 32459
Eastman, L.F. *see* Burm, J. 41443
Eastman, L.F. *see* Chen, Q. 41469
Eastman, L.F. *see* Jinwook Burm 16694
Eastman, L.F. *see* Jinwook Burm 42254
Eastman, L.F. *see* Jinwook Burm 54686
Eastman, L.F. *see* Khan, M.A. 13026
Eastman, L.F. *see* Khan, M.A. 43137
Eastman, L.F. *see* Martint, G.H. 43140
Eastman, L.F. *see* Pereiaslavets, B. 13033
Eastman, L.F. *see* Seaford, M.L. 13019
Eastman, N.L. Considerations for mixed analog/digital PCB design 31579
Eastment, J.D., Ladd, D.N., Thurai, M. Rain radar measurements in Papua New Guinea and their implications for slant path propagation 36247
Easto, P. ISDN – serving the universal market 47222
Easton, R.A. Smart digital cameras for product quality inspection 30346
Eastwood, M.A. Implementing mass customization 6526
Eastwood, R. *see* Singh, H. 48157
Eastwood, R.L., Freitag, L.E., Catipovic, J.A. Compression techniques for improving underwater acoustic transmission of images and data 35372
Eastwood, R.L. *see* Freitag, L.E. 48144
Easty, A.C. *see* O'Grady, K.F. 18488
Easty, A.C. *see* Vitkin, I.A. 49760
Easwar, K., Balamuralidhar, P., Agarwal, A., Sarkar, B.K. Sensitivity of subsurface radar range to material conductivity 6885
Easwar, K. *see* Balamuralidhar, P. 6929
Easwarakhanthan, T. Nulling ellipsometry in the study of chemically treated Si surfaces 54051
Easwaran, M.S. *see* Mutsaddi, M.M. 1678
Eaton, B.G. *see* Parry, C.K. 59843
Eaton, R., Baldwinson, M. Imaging of media lubricant spacing contributions by readback signal analysis 32845
Eatough, O. *see* Rodriguez, M.A. 54948
Eaves, L., Fromhold, T.M., Sheard, F.W., Wilkinson, P.B., Henini, M., Miura, N., Takamasu, T. Quantum chaology in semiconductor heterostructures 42158
Eaves, L. *see* Itskevich, I.E. 22900
Eaves, L. *see* Maude, D.K. 12384
Eaves, L. *see* Maude, D.K. 22346
Eaves, L. *see* Neves, B.R.A. 12391
Eaves, L. *see* Wilkinson, P.B. 12477
Ebata, K. *see* Kutsuwa, T. 11863
Ebata, K. *see* Kutsuwa, T. 11864
Ebben, T.H., Varner, C.C., Parrish, K.A., Marshalek, R.G., Begley, D.L. Pointing, acquisition, and tracking demonstration system for laser communications 6786
Ebberg, A. *see* Simesbichler, F. 25842
Ebbers, C.A. *see* Dyakov, V.A. 33609
Ebbinghaus, G. *see* Schimpe, R. 16765
Ebbinghaus, K., Orwantschke, D. Remote-controlled dismantling of a nuclear power plant Kernkraftwerk Niederaichbach (KKN) 50742
Ebbini, E. *see* Hong Wan 28421
Ebbini, E.S. *see* Botros, Y.Y. 59483
Ebbini, E.S. *see* Haddadin, O.S. 28123
Ebbini, E.S. *see* Haddadin, O.S. 58491
Ebbini, E.S. *see* Hong Wan 8104
Ebbini, E.S. *see* Jian Shen 25740
Ebbini, E.S. *see* Kluiwstra, J.-U. 28418
Ebbini, E.S. *see* Seip, R. 28201
Ebbini, E.S. *see* Shen, J. 28108
Ebbini, E.S. *see* Shen, J. 58495
Ebbini, E.S. *see* Simon, C. 18350
Ebbini, E.S. *see* VanBaren, P. 18519
Ebbutt, J. *see* Taylor, L. 44107
Ebe, A. *see* Takahashi, E. 41750
Ebe, H., Okamoto, T., Nishino, H., Saito, T., Nishijima, Y., Uchikoshi, M., Nagashima, M., Wada, H. Direct growth of CdTe on (100), (211), and (111) Si by metalorganic chemical vapor deposition 705
Ebe, H. *see* Maruyama, K. 21286
Ebel, C. *see* Gallagher, M. 32228
Ebel, J. *see* Anholt, R. 42944
Ebel, J.L. *see* De Salvo, G.C. 32127
Ebel, J.L. *see* DeSalvo, G.C. 12761
Ebeling, C. *see* McKenzie, N.R. 30043
Ebeling, K.J. Optical interconnects and data links with VCSEL's 24001
Ebeling, K.J., Fiedler, U., Michalzik, R., Reiner, G., Weigl, B. Efficient vertical cavity surface emitting laser diodes for high bit rate optical data transmission 3886
Ebeling, K.J. *see* Fiedler, U. 26763
Ebeling, K.J. *see* Fiedler, U. 44570
Ebeling, K.J. *see* Jager, R. 33528
Ebeling, K.J. *see* Kamp, H. 21262
Ebeling, K.J. *see* Schnitzer, P. 3851
Ebeling, K.J. *see* Schnitzer, P. 48002
Ebeling, K.J. *see* Schnitzer, P. 58385
Ebeling, K.J. *see* Weigl, B. 3897
Ebeling, K.J. *see* Weigl, B. 55609
Ebeling, K.J. *see* Wiedenmann, D. 33517
Ebeling, K.J. *see* Wipiejewski, T. 55736
Ebeling, K.J. *see* Zheng Dai 23990
Ebeling, W. *see* Esin, S.K. 37020
Ebeling, W. *see* Rose, H. 10378
Ebeling, W. *see* Schweitzer, F. 10396
Ebeling-Koning, D.B., Chandola, V., Jonsson, C., Belblidia, L.A. ABB BWR thermal-hydraulic stability methods 38528
Ebenstein, S.E., Kiridena, V.S., Smith, G.H. Inspection of functional free form geometry 337
Ebergen, J., Berks, R. Response time properties of some asynchronous circuits 53231
Ebergen, J.C. *see* Shams, M. 11275
Eberhard, C.D. *see* Hauss, B.I. 28707
Eberhard, W.L. *see* Wilczak, J.M. 18850
Eberhardt, K. *see* Cabanski, W. 17501
Eberhardt, K.R. *see* Mee, R.W. 17168
Eberhardt, R., Sidou, D., Festor, O., Mazziotta, S., Labetoulle, J. Executable TMN-specifications in TIMS 35607
Eberhardt, R. *see* Guyenot, V. 10150
Eberhart, R.C. *see* Li, J. 59739
Eberl, E. *see* Arenz, H. 13939
Eberl, K. *see* Dilger, M. 2733
Eberl, K. *see* Dilger, M. 40436
Eberl, K. *see* Haug, R.J. 13040
Eberl, K. *see* Haug, R.J. 54713
Eberl, K. *see* Houghton, D.C. 42240
Eberl, K. *see* Liu, Z.X. 22352
Eberl, K. *see* Nash, G.R. 2157
Eberl, K. *see* Riege, S.P. 22338
Eberl, S., Kanno, I., Fulton, R.R., Ryan, A., Hutton, B.F., Fulham, M.J. Automated interstudy image registration technique for SPECT and PET 37632
Eberl, S. *see* Hooper, P.K. 37631
Eberl, S. *see* Meikle, S.R. 37672
Eberl, S. *see* Narita, Y. 8005
Eberle, G., Schmidt, H., Eisenmenger, W. Piezoelectric polymer electrets 2955
Eberle, G. *see* Fedosov, S.N. 13250
Eberle, G. *see* Fedosov, S.N. 54864
Eberle, G. *see* Fedosov, S.N. 54928
Eberle, K. *see* Horsch, A. 18232
Eberle, M.J. *see* O'Donnell, M. 18366
Eberle, M.J. *see* Shapo, B.M. 28188
Eberle, T., McVay, B., Meyers, C., Moore, J. ASIC BIST synthesis: a VHDL approach 31165
Eberle, W. *see* Gaa, M. 12272
Eberlein, A., Crowther, M., Halsall, F. Development of new telecommunications services using an expert system 35549
Eberlein, A., Crowther, M., Halsall, F. Tools for requirements capture, formal specification and validation of IN services 35792
Eberly, D. *see* McAuliffe, M.J. 15992
Ebersberger, M., Muller, J., Stahl, H. A compiler-interpreter-system for decoding the user's intention within a speech understanding application 15103
Eberspacher, C., Fthenakis, V.M., Moskowitz, P.D. Environmental issues related to commercialization of $CuInSe_2$-based photovoltaics 51588
Eberspacher, C. *see* Fthenakis, V.M. 51564
Eberspaecher, M.D. On the prediction of the stochastic behaviour of time series by use of neural networks–an application to source modelling 46544
Eberst, C., Sicheneder, J. Generation of hypothetical landmarks supporting fast object recognition with autonomous mobile robots 56819
Ebert, G.L. Buekenhout-Tits unitals 52487
Ebert, H., Vernes, A., Banhart, J. Anisotropic electrical resistivity of ferromagnetic Co-Pd and Co-Pt alloys 3159
Ebert, I. *see* Carbone, P. 47114
Ebert, J. *see* Fettweis, G.P. 47756
Ebert, K.H. *see* Wesch, A. 7526
Ebert, M. *see* Surkau, R. 37093
Ebert, P. *see* Domke, C. 2030
Ebert, W. *see* Umbach, A. 3650
Ebert, W. *see* Umbach, A. 6749
Ebert, W. *see* Umbach, A. 6867
Ebert, W. *see* Vescan, A. 54687
Eberth, J. *see* Wilhelm, M. 37536
Ebest, G., Hiller, M., Knorr, U. A new method and system for the simulation of modular inverters in solar facades 50833

Ebihara, B.T. *see* Mejia, M. 48393
Ebihara, D. *see* Abe, Y. 4211
Ebihara, D. *see* Torii, S. 61243
Ebihara, D. *see* Yabuuchi, Y. 9279
Ebihara, K., Ohya, J., Kishino, F. Real-time facial expression detection for virtual space teleconferencing 16375
Ebihara, K., Otani, T., Kume, E. Position localization for mobile robots using a colour image of equipment at nuclear plants 19467
Ebihara, K. *see* Ohya, J. 27689
Ebihara, Y. *see* Hongbing Chen 26098
Ebihara, Y. *see* Pibulyarojana, K. 35877
Ebina, T. *see* Ito, A. 57767
Ebine, N. *see* Ara, K. 19505
Ebine, Y., Ito, M. Design of a dual beam antenna used for base station of cellular mobile radios 14724
Ebinuma, Y. *see* Li, Y. 54904
Ebinuma, Y. *see* Ohki, Y. 43525
Ebinuma, Y. *see* Ying Li 54960
Ebisawa, N. *see* Katagiri, K. 55106
Ebisui, T. *see* Kakizaki, K.-I. 56139
Ebizuka, R. *see* Kikuchi, S. 9271
Eblagh, K. Practical problems in demining and their solutions 8587
Eble, J.C., De, V.K., Wills, D.S., Meindl, J.D. A generic system simulator (GENESYS) for ASIC technology and architecture beyond 2001 13112
Eble, J.C. *see* Cat, H.H. 55355
Eble, J.C. *see* Davis, J.A. 42738
Eble, J.C. *see* Wills, D.S. 3657
Ebling, D. *see* Eiche, C. 10592
Ebling, D.G. *see* Fiederle, M. 10593
Ebling, D.G. *see* Fiederle, M. 37321
Ebling, G.H. *see* Blokland, A.J. 29816
Ebner, E. *see* Polley, R. 28438
Ebneter, S.D. Quality shifts 38553
Ebong, A.U., Honsberg, C.B., Wenham, S.R. Fabrication of double sided buried contact (DSBC) silicon solar cell by simultaneous pre-deposition and diffusion of boron and phosphorus 38970
Ebong, A.U., Lee, S.H., Bowden, S., Taouk, M. Adaptation of drafting plotter for buried contact groove formation [in solar cells] 29650
Ebong, A.U., Lee, S.H., Honsberg, C.B., Wenham, S.R. Optimization of boron groove diffusion for double sided buried contact silicon solar cells 39215
Ebong, A.U., Lee, S.H., Warta, W., Honsberg, C.B., Wenham, S.R. Characterization of high open-circuit voltage double sided buried contact (DSBC) silicon solar cells 51601
Ebong, A.U. *see* Honsberg, C.B. 39191
Ebothe, J., Roca i Cabarrocas, P., Godet, C., Equer, B. Deposition parameters and surface topography of a-Si:H thin films obtained by the RF glow discharge process 30895
Ebothe, J. *see* Vilain, S. 3147
Ebrahim, M.T. *see* Ray, W.F. 60705
Ebrahimi, T., Kunt, M. Advanced imaging systems curricula at EPFL 52029
Ebrahimi, T. *see* Egger, O. 25436
Ebrahimi, T. *see* Fleury, P. 15605
Ebrahimi, T. *see* Reusens, E. 35192
Ebrahimi, T. *see* Reusens, E. 57252
Ebrahimi, T. *see* Schutz, M. 57283
Ebrahimzadeh, M. *see* Colville, F.G. 24251
Ebrahimzadeh, M. *see* French, S. 14337
Ebrahimzadeh, M. *see* French, S. 24123
Ebrahimzadeh, M. *see* McGowan, C. 24101
Ebrahimzadeh, M. *see* McGowan, C. 24122
Ebrahimzadeh, M. *see* Morrison, G.R. 3751
Ebrahimzadeh, M. *see* Reid, D.T. 14406
Ebuchi, N. *see* Graber, H.C. 50054
Ecabert, M. Training in microsystems 9871
Eccleston, G. *see* Menlove, H.O. 7179
Eccleston, W. *see* Chappel, D.C. 22572
Eccleston, W. *see* Griffin, N. 42087
Eccleston, W. *see* Musa, I. 42011
Ece, D.G. Behavior of system voltage during arcing faults and switching events 8871
Ecelberger, S.A. *see* Osiander, R. 17243
Echague, J., Vila, J., Crespo, A. Providing generalized rate monotonic scheduling theory to I/O abstractions over timed token protocol MAC networks 6129
Echavarria, R., Horta, S., Cardenas, V. A three phase motor drive with constant V/F speed control and slip regulation 20117
Echavarria, R., Horta, S., Oliver, M. A three phase motor drive using IGBTs and constant V/F speed control with slip regulation 9593
Echavarria, R. *see* Cardenas, V.M. 19851
Echeita, R.J. Challenges in a digital, server-based broadcasting environment 48214
Echer, C.E. *see* Altoe, M.V.P. 55024
Echevarria, J. *see* Lopez-Higuera, J.M. 50813
Echigo, H. *see* Hatsuda, T. 34089
Echigo, H. *see* Kang, J. 47862
Echigo, R. *see* Tada, S. 39239
Echizen, M. *see* Tomioka, Y. 38561
Echternach, P.M., Hahn, I., Israelsson, U.E. A novel silicon micromachined cryogenic capacitive pressure transducer 48453
Echtle, D. *see* Karnett, M. 43311
Eck, C. *see* Brachtendorf, H.G. 53008
Eck, E.R.H.van *see* van Eck, E.R.H.
Eck, J.-L.Van *see* Van Eck, J.-L.
Eck, K. *see* Brenner, A.R. 28116
Eck, T.E.Van *see* Van Eck, T.E.
Eck, T.F. *see* Vierling, L.A. 18764
Eckard, D. *see* Lu, G.B. 20495
Eckardt, D. *see* Mertens, A. 38822
Eckardt, M.J. *see* Rio, D.E. 25513
Eckardt, T., Magedanz, T. Personal communications support based on TMN and TINA concepts 26045
Eckardt, T., Magedanz, T. From IN towards TINA-based personal communications support 47296
Eckardt, T., Magedanz, T., Stapf, M., Wang, H. Personal communications impacts on TINA 47279
Eckardt, T. *see* Magedanz, T. 26300
Eckardt, T. *see* Magedanz, T. 35619
Eckardt, T. *see* Wittmann, A. 5970
Eckardt, V. *see* Bieser, F. 59307
Ecke, W., Hilpert, K., Holz, A., Muller, R., Neukirch, M., Willsch, R. Reduction of light source-induced scale-factor nonlinearities in low-cost fiber optic gyroscope 27627
Ecke, W., Pfeifer, P., Schauer, J., Willsch, R., Jackel, K.-H. Fiber optic displacement measuring system for high-temperature seismic sensor 38038
Eckel, B. Java alley: speed 6212
Eckel, B. Discovering information at run time 26166
Eckel, C.C., Grossman, P.J. Altruism in anonymous dictator games 10264
Eckel, H.-G., Sack, L. Optimization of the short-circuit behaviour of NPT-IGBT by the gate drive 40907
Ecker, R. *see* Krausse, N. 41418
Eckerle, R., Friedrich, A. Use of coils for load regulation in the 110 kV network 8785
Eckert, C., Planat, M., Miehe, J.A. Hidden order in the frequency noise of an electronic oscillator 21520
Eckert, D., Wendhausen, P.A.P., Gebel, B., Wolf, M., Mueller, K.-H. Comparison of magnetization processes in differently prepared $Sm_2Fe_{17}N_3$ permanent magnets 3134
Eckert, D. *see* Hinz, D. 3113
Eckert, E. *see* Rino, C.L. 50082
Eckert, J. *see* Neu, V. 3121
Eckert, K.-P., Festini, M., Schoo, P., Schurmann, G. TANGRAM: development of object-oriented frameworks for TINA-C-based multimedia telecommunication applications 57995
Eckert, P. *see* Hickman, T. 50822
Eckert, P. *see* Shugar, D.S. 51595
Eckert, P.E. *see* King, D.L. 51587
Eckert, W., Gallwitz, F., Niemann, H. Combining stochastic and linguistic language models for recognition of spontaneous speech 14969
Eckey, L. *see* Heitz, R. 41971
Eckey, L. *see* Siegle, H. 31829
Eckhardt, D. *see* Courtney, C. 4297
Eckhardt, R., Ditscheid, H.E. Highly integrated microcontroller for air conditioning in vehicles 61297
Eckl, K. *see* Legl, C. 11418
Eckler, K. *see* Li, D. 10584
Ecklund, K. *see* Taylor, G.A. 37761
Eckmann, R. *see* Krawczynski, H. 37287
Eckmiller, R. Towards retina implants for improvement of vision in humans with retinitis pigmentosa–challenges and first results 59807
Eckmiller, R. *see* Hirose, A. 23613
Eckmiller, R. *see* Hirose, A. 53505
Eckmiller, R. *see* Hirose, A. 56587
Eckmiller, R.E. Concerning the development of retina implants with neural nets 28443
Eckner, J. *see* Leuthold, J. 16665
Eckner, J. *see* Martelli, F. 24166
Eckner, J. *see* Martelli, F. 44746
Eckrich, S. *see* Hengster, H. 53131
Eckroad, S.W. *see* Alteneder, K.P. 60628
Eckstein, W. Unified gray morphology: the dual rank 46282
Eckstein, W. *see* Altamirano-Robles, L. 5131
Ecoffet, R. *see* Calvel, P. 22947
Ecoffet, R. *see* Dusseau, L. 42981
Ecoffet, R. *see* Hernandez, D. 6700
Ecoffet, R. *see* Velazco, R. 21853
Economides, A.A. Dynamic hierarchical management of ATM networks 5961
Economides, S. *see* Khalid, A.H. 21968
Economou, D.J., Bartel, T.J. Direct Simulation Monte Carlo (DSMC) of semiconductor manufacturing processes 54777
Economou, D.J. *see* Athavale, S.D. 22570
Economou, E.N. *see* Papadogonas, I.A. 42215
Economou, M. No-clean rework 53760
Ector, H. *see* Aubert, A.E. 28381
Eda, K. *see* Itagaki, M. 30267
Eda, K. *see* Itagaki, M. 52205
Edagawa, N., Morita, I., Suzuki, M., Yamamoto, S., Taga, H., Akiba, S. 20 Gbit/s, 8100 km straight-line single-channel soliton-based RZ transmission experiment using periodic dispersion compensation 26827
Edagawa, N. *see* Morita, I. 6733
Edagawa, N. *see* Morita, I. 58298
Edagawa, N. *see* Suzuki, M. 14330
Edagawa, N. *see* Suzuki, M. 58293
Edamura, K. *see* Yokota, S. 38758
Edberg, D., Boucher, R., Schenck, D., Nurre, G., Whorton, M., Kim, Y., Alhorn, D. Results of the STABLE microgravity vibration isolation flight experiment 49861
Eddrief, M. *see* Fargues, D. 52827
Eddrief, M. *see* Reqqass, H. 793
Eddy, C.R., Jr., Molnar, B. The effect of hydrogen-based, high density plasma etching on the electronic properties of gallium nitride 12782
Eddy, W.F., Fitzgerald, M., Genovese, C., Mockus, A., Noll, D.C. Functional imaging analysis software–computational Olio 8035
Eddy, W.F., Fitzgerald, M., Noll, D.C. Improved image registration by using Fourier interpolation 28170
Edel, M. *see* Debay, P. 28449
Edel, M. *see* Debay, P. 51823
Edel, M. *see* Debay, P. 59819
Edel, Y., Bierbrauer, J. Lengthening and the Gilbert-Varshamov bound 56324
Edel, Y. *see* Bierbrauer, J. 56320
Edelman, F., Stolzer, M., Werner, P., Butz, R. Structure and transport properties of Ga-doped semi- and polycrystalline $Si_{1-x}Ge_x$ films 31929
Edelman, F., Weil, R., Werner, P., Reiche, M., Schroer, E., Heydenreich, J., Beyer, W. Transformations in $Si_{1-x}Ge_x$:H films on SiO_2 substrates 12307
Edelman, H.S., Parrell, A.J.A., Larbalestier, D.C. Evolution of the transport critical current density and irreversibility field as a function of heat treatment and pressing pressure during processing of Ag-sheathed $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ tapes 43737
Edelman, P., Lagowski, J., Savchouk, A., Hoff, A., Jastrzebski, L., Persson, E. A new, real-time method for measuring mobile charge and injected charge in SiO_2 on Si 44916
Edelman, P. *see* Lagowski, J. 42616
Edelman, P. *see* Lagowski, J. 43229
Edelman, P.G. *see* Foos, J.S. 28080
Edelman, R.R. *see* McConnell, M.V. 28274
Edelmann, H. *see* Fenninger, H. 19145
Edelmoser, K., Anselmi, C. Intelligent and free user configurable low cost data acquisition unit 48384
Edelstein, D.C. *see* Burghartz, J.N. 41518
Edelstein, J. *see* Hemphill, R. 58841
Edelstein, W. *see* Kim, Y. 8347
Edelstein, W.A. *see* Hedeen, R.A. 28266
Edemsky, V.I. *see* Lazarev, N.V. 49036
Eden, D.D. *see* McKinley, M.C. 36874
Eden, J.G. *see* Funk, D.S. 23781
Eden, M., Kagan, M. The Pentium(R) processor with MMX™ technology 41230
Eden, M. *see* Lee, C. 25447
Edenbrandt, L. *see* Sunemark, M. 49707
Edenhofer, P. *see* Wohlmuth, R. 56051
Eder, A. *see* Recke, C. 11039
Eder, A. *see* Shaked, A. 47244
Eder, C. *see* Hauser, M. 32326
Edgar, D. *see* Thayne, I. 53649
Edgar, D.R., Horwood, J.M.K., Shaw, D.B., Woollons, D.J., Baker, J. A multiple sensor recording pacemaker for diagnosis and research 28389
Edgar, T.F. *see* Bushman, S. 42542
Edge, C. *see* Molony, A. 13576
Edgecombe, M.H. *see* Morin, A. 20186
Edgecumbe, J.P. *see* La Rue, R.A. 41804
Edgecumbe Summers, T.S., Segal, V.M., Hartwig, K.T., Goforth, R.E., Walsh, R.P., Pernambuco-Wise, P. ECAE-processed Cu-Nb and Cu-Ag nanocomposite wires for pulse magnet applications 52836
Edgorova, D.M. *see* Karimov, A.V. 22329
Edholm, B. *see* Olsson, J. 12364
Ediger, M.N. *see* Durkin, A.J. 7934
Edin, P., Fatelnig, P. Project Space Vision in retrospective 18589
Edin-Stibbe, C. *see* Finkelstein, S.M. 49375
Edirisinghe, C.H. *see* Koutzarov, I.P. 22585
Edirisinghe, S.P., Staton-Bevan, A.E., Colson, H.G., Kidd, P., Grey, R. Strain relaxation in single epilayers of $In_xGa_{1-x}As$ grown on GaAs (111)B substrates by molecular beam epitaxy 10716
Edison, D. *see* Page, E.M. 38489
Edlinger, G. *see* Andrew, C. 59625
Edlund, A.E., Parker, S.R. Designing for satisfied users [client-server applications] 5988
Edlund, O. Linear M-estimation with bounded variables 30430
Edman, A. *see* Astrom, A. 16968
Edmark, J.T. *see* Seligmann, D.D. 47376
Edmiston, S. *see* Wenham, S.R. 39088
Edmiston, S.A. Anomalously high collection probability in thin film polycrystalline silicon solar cells from numerical modeling 51570
Edmiston, S.A., Heiser, G., Sproul, A.B., Green, M.A. Improved modeling of grain boundary recombination in bulk and *p-n* junction regions of polycrystalline silicon solar cells 9540
Edmiston, S.A. *see* Sproul, A.B. 39001
Edmond, J. *see* Dmitriev, V. 10880
Edmond, J. *see* Kong, H.-S. 13884
Edmond, J.A. *see* Johnson, M.A.L. 30834
Edmond, J.A. *see* Ponce, F.A. *(editor)* 20309
Edmond, P. Towards a multi-mode mobile telephone design 26521
Edmonds, J. *see* Albanese, A. 24689
Edmonds, J. *see* Kim, S.H. 19472
Edmonds, J.S., Churchill, T.L. Unique sensor applications for hydroelectric generator rotor-mounted sensor scanning technology 50891
Edmonds, L., Swift, G., Johnston, A. Non-destructive measurements for CMOS devices using charge-collection techniques 22993

Edmonds, L.D. SEU cross sections derived from a diffusion analysis 22753
Edmonds, P.H., Medley, S.S. Modeling of three-dimensional camera imaging in a tokamak torus 36665
Edmondson, J.H. *see* Bhavsar, D.K. 31318
Edmonson, W.W., Lee, W.H., Anderson, J.M.M. Maximum likelihood estimation of sinusoidal parameters using a global optimization algorithm 15191
Edmonson, W.W., Srinivasan, K. A simplified global least mean square algorithm for adaptive IIR filtering 15408
Ednie, K.H. Metallographic preparation of soft materials: lead alloys 10930
Edo, M. *see* Watanabe, Y. 13176
Edom, T., Furness, P., Howard, P. Mechanical and thermal aspects of the ASAR antenna for both inflight and on-ground operations 16930
Edrei, I. *see* Shauly, E. 54632
Edris, A. *see* Centeno, V. 28935
Edris, A. *see* Pilotto, L.A.S. 38322
Edris, A. *see* Tan, K.P.S. 22018
Edris, A.A. *see* Douglass, D.A. 50602
Edson, M. Growing trend in plating [PCB coatings] 11987
Edstrom, K. *see* Whitehead, A.H. 29567
Edvardsen, E. *see* Andreassen, R. 46890
Edwall, D.D. *see* Bajaj, J. 708
Edwards, A., Blumstengel, S., Sokolik, I., Dorsinville, R., Yun, H., Kwei, K., Okamoto, T. Blue photo- and electroluminescence from poly(benzoyl-1,4-phenylene) 23697
Edwards, A., Rao, M.V., Molnar, B., Wickenden, A.E., Holland, O.W., Chi, P.H. Ion implantation doping of OMCVD grown GaN 54368
Edwards, A.W. *see* Alper, B. 37569
Edwards, B. *see* Rafferty, T. 37740
Edwards, C. Life extension of old high-voltage windings on rotating machines by resin injection 38692
Edwards, C. *see* Lesh, J. 26866
Edwards, C. *see* Purushotham, A. 9289
Edwards, C.F. *see* Redman-White, W. 13144
Edwards, C.S., Barwood, G.P., Gill, P., Rodriguez-Llorente, F., Rowley, W.R.C. Frequency-stabilised diode lasers in the visible region using Doppler-free iodine spectra 7134
Edwards, C.S., Barwood, G.P., Gill, P., Rodriguez-Llorente, F., Rowley, W.R.C. Stability measurements of 637 nm extended cavity diode lasers stabilised to Doppler-free iodine spectra 44535
Edwards, D. A brief history of quality issues in higher education 9843
Edwards, D. Development of JEDEC standard thermal measurement test boards 10144
Edwards, D.B., Cantrell, R.L., Dayton, T.C. Predicting the performance of batteries having paste additives 61028
Edwards, D.D., Mason, T.O., Goutenoire, F., Poeppelmeier, K.R. A new transparent conducting oxide in the Ga_2O_3-In_2O_3-SnO_2 system 41994
Edwards, D.J. *see* Koshi, V. 6494
Edwards, D.J. *see* Koshi, V. 35959
Edwards, D.J. *see* Koshi, V. 47634
Edwards, D.M. Magnetic coupling in multilayered magnetic films 55045
Edwards, G. *see* Bird, J.P. 12467
Edwards, G. *see* Grincwajg, A. 12458
Edwards, G.J., Lanitis, A., Taylor, C.J., Cootes, T.F. Face recognition using statistical models 57511
Edwards, H. *see* Stainforth, D. 50853
Edwards, H. *see* Wilk, G.D. 54434
Edwards, H. *see* Yordi, B. 60601
Edwards, H.G. Optical network testbed moves WDM into the field 6763
Edwards, H.S., Smith, G.D., Voecks, G., Rohatgi, N., Prokopius, P., Zweibel, K., Hoelscher, J.F. CdTe terrestrial modules as a power source for a regenerative fuel cell power plant for space applications 37937
Edwards, J. *see* Brawn, I. 59325
Edwards, J. *see* Sykes, L. 49782
Edwards, J.L. An active, appearance-based approach to the pose estimation of complex objects 35222
Edwards, J.N., Lowrie, R., Miller, L., Schweitzer, E., Darby, J. Safety of spallation sources in the accelerator production of tritium 18064
Edwards, K. *see* Spaepen, A. 6324
Edwards, M.D., Forrest, J., Whelan, A.E. Acceleration of software algorithms using hardware/software co-design techniques 31192
Edwards, M.J., Bullock, E.H., Morton, D.E. Improved precision of absolute thermal expansion measurements for ULE™ glass 36956
Edwards, M.L., Cheng, S. Conditionally stable amplifier design using constant μ-contours 21911
Edwards, M.P. *see* Pannell, C.N. 13632
Edwards, N.H. *see* Barnes, N.M. 49805
Edwards, N.V., Yoo, S.D., Bremser, M.D., Weeks, T.W., Jr., Nam, O.H., Davis, R.F., Liu, H., Stall, R.A., Horton, M.N., Perkins, N.R., Kuech, T.F., Aspnes, D.E. Variation of GaN valence bands with biaxial stress and quantification of residual stress 41982
Edwards, N.V. *see* Bremser, M.D. 21270
Edwards, P.J. *see* Yong-Qing Li 14142
Edwards, R.L. *see* Charles, H.K., Jr. 53839
Edwards, R.M. *see* Chavez-Mercado, C. 38515
Edwards, R.M. *see* Cook, G.G. 47836
Edwards, R.M. *see* Yangping Zhao 38471
Edwards, R.T., Cauwenberghs, C. A VLSI implementation of the continuous wavelet transform 1631
Edwards, R.T., Cauwenberghs, G. Analog VLSI processor implementing the continuous wavelet transform 53472
Edwards, T., Cauwenberghs, G. A VLSI implementation of the continuous wavelet transform 36451
Edwards, T. *see* Lane, R. 43592
Edwards, T.R. Forensic video image analysis 46061
Edwards, V.W. *see* Allison, W.W.M. 37269
Edwards, W.L. *see* Kunyan Liu 5976
Eeckhout, E.Van *see* Van Eeckhout, E.
Eeckhout, P. *see* Lippens, P. 5022
Eek, L.O. A fine-grain liquid argon preshower detector and an analogue optical link for its readout 28041
Eekma, A., Collis, B. Design guidelines for WWW-based course environments 47186
Eel-Hwan Kim *see* Longya Xu 29712
Een-Kee Hong, Tae-Young Lee, Yon-Dae Yang, Byoung-Chul Ahn, Yong-Wan Park Radio interface design for CDMA-based PCS 47664
Eenige, M.J.A.van *see* van Eenige, M.J.A.
Eenmaa, J. *see* Luse, R.W. 37915
EerNisse, E.P. An analysis of drive level sensitivity in thickness shear quartz resonators 13326
Eernisse, E.P. *see* Clayton, L.D. 17306
Eetvelt, P.W.J.Van *see* Van Eetvelt, P.W.J.
Efanov, V.M., Kardo-Sysoev, A.F., Tchashnikov, I.G., Yarin, P.M. New superfast power closing switched-dynistors on delayed ionization 51402
Efanov, V.M. *see* Brylevsky, V.I. 51404
Efanov, V.M. *see* Brylevsky, V.I. 51405
Efe, M., Atherton, D.P. Adaptive beam pointing control of a phased array radar using the AIMM algorithm 27084
Efe, M., Atherton, D.P. Maneuvering target tracking using adaptive turn rate models in the interacting multiple model algorithm 45794
Efenberger, W., Graefe, V. Distance-invariant object recognition in natural scenes 35219
Efenberger, W. *see* Graefe, V. 25777
Efendiev, T.S. *see* Katarkevich, V.M. 23762
Efendiev, T.Sh. *see* Afanas'ev, A.A. 44326
Efendiev, T.Sh. *see* Katarkevich, V.M. 3706
Effelsberg, W. *see* Pfeiffer, S. 46460
Effenberger, F.J., Lu, K.W. An overview of FTTH networks: past history, current status, and future designs 16776
Effenberger, F.J. *see* Wang, H. 23577
Effron, M. Integrated yield management: a systematic approach to yield management 30185
Efimkov, V.F. *see* Glazkov, D.A. 55546
Efimov, E.I. *see* Gromov, B.F. 37192
Efland, T. *see* Chin-Yu Tsai 43347
Efremenko, V.G. *see* Evtikhiev, N.N. 55145
Efremides, O.B. *see* Bekakos, M.P. 1283
Efremov, A. *see* Litovchenko, V. 42299
Efron, U. *see* Sayyah, K. 3475
Efros, A.L. *see* Medeiros-Ribeiro, G. 32038
Efstathiou, G. *see* Tegmark, M. 7025
Efstratiadis, S.N., Karampatzakis, T., Sahinoglou, H., Katsaggelos, A.K. Multiple candidate hierarchical block matching with inherent smoothness properties 15631
Efstratiadis, S.N., Strintzis, M.G. Hierarchical prioritized predictive image coding 56754
Efstratiadis, S.N. *see* Stalidis, G. 37737
Eftekhari, G. Rh/n-GaAs contacts with and without sulfur passivation 22431
Eftekhari, G. Annealing properties of sputtered $CoSi_2$ and sputtered and reactive sputtered TiN contacts on n-Si 32056
Eftekhari, G. Stability of rapidly annealed reactive sputter deposited nitrided silicon dioxide 32114
Eftekhari, G. Electrical properties of sulfur passivated MIS GaAs diodes 54569
Eftestol, T. *see* Oien, G.E. 49745
Efthimiopoulos, P., Koudoumas, E., Dolgopolova, M.V., Heller, Y.Z. Experimental evidence of quasi absorption-less type of resonant sum-mixing process 14353
Efthymiou, N., Properzi, A., Fawley, R.J., Hu, Y.F. Transport issues in S-UMTS 47852
Efthymiou, N. *see* Pan, H. 26667
Egaas, B. *see* Ryan, T.W. 6958
Egami, C. *see* Nakayama, H. 14246
Egami, M. *see* Kurita, M. 18917
Egan, A. *see* Canning, T. 19536
Egan, D. *see* James, S.W. 36638
Egan, D.A., James, S.W., Tatam, R.P. A polarization-based optical fibre vibrometer 48613
Egan, E., Amon, C.H. Cooling strategies for embedded electronic components of wearable computers fabricated by shape deposition manufacturing 254
Egan, E. *see* Amon, C. 258
Egan, K. *see* Brown, K.C. 54824
Egan, M. *see* Isenstein, B. 57835
Egan, M.G. *see* Hayes, J.G. 39293
Egan, P.O. *see* Lee, J.T.C. 54392
Egan, R.J. *see* Clark, A. 10709
Egan, R.J. *see* Clark, A. 33117
Egan, R.J. *see* Clark, A. 40460
Eganov, V.S., Garibyan, Yu.A., Keropyan, I.A., Marukyan, G.O., Oganesyan, A.A., Petrosyan, Zh.V. A polarimeter for protons 7795
Egarievwe, S.U., Chen, K.-T., Burger, A., James, R.B., Lisse, C.M. Detection and electrical properties of $Cd_{1-x}Zn_xTe$ detectors at elevated temperatures 59354
Egarievwe, S.U. *see* Chen, K.-T. 12619
Egashira, M., Shimizu, Y., Takao, Y., Sako, S. Variations in I-V characteristics of oxide semiconductors induced by oxidizing gases 22268
Egashira, S., Nishiyama, E. Stacked microstrip antenna with wide bandwidth and high gain 4387
Egashira, S. *see* Yokota, T. 45352
Egashira, T. *see* Fukui, S. 35630
Egashira, Y. *see* Hirasawa, M. 22505
Egawa, K. A proposal for a new maintenance inspection 9978
Egawa, N. *see* Matsumura, E. 56199
Egawa, S. *see* Niino, T. 19776
Egawa, T., Kyono, M., Misawa, K. Study of a shunt reactor with transformer function 51078
Egawa, T., Ogawa, A., Jimbo, T., Umeno, M. First fabrication of AlGaAs/GaAs laser diodes with GaAs islands active regions on Si grown by droplet epitaxy 44517
Egawa, T. *see* Fujita, K. 13866
Egawa, T. *see* Hasegawa, Y. 10733
Egawa, T. *see* Murata, Y. 33467
Egbelu, P.J. *see* Cheraghi, S.H. 1773
Egbert, A. *see* Wellegehausen, B. 13922
Ege, T. *see* Koca, A.O. 33998
Egeberg, C., Roman, M. A study of transit and an analysis of intelligent transit system technologies 57959
Egelhaaf, C., Moeller, E., Schoo, P. Developing distributed multimedia telecommunication applications 16407
Egelhaaf, C. *see* Durmosch, M.K. 26357
Egelmeers, G.P.M., Sommen, P.C.W. A new method for efficient convolution in frequency domain by nonuniform partitioning for adaptive filtering 15343
Egeni, G.P. *see* Donolato, C. 39038
Eger, J. *see* Bothe, H.-H. 4600
Egerhazi, A. *see* Dioszeghy, P. 49580
Eggemann, R. *see* Weich, K. 24132
Eggenberger, C., Hauser, C. Use of conjoint measurements for an optimal design of international telephone services 46958
Egger, E. *see* Onori, S. 28476
Egger, O., Ebrahimi, T., Kunt, M. Arbitrarily-shaped wavelet packets for zerotree coding 25436
Eggers, A.J., Jr., Ashley, H., Rock, S.M., Chaney, K., Digumarthi, R. Effects of blade bending on aerodynamic control of fluctuating loads on teetered HAWT rotors 19655
Eggers, H., Hein, E., Henrichs, M., Hoppe, H.J., Sturm, A., Witt, W. Generator rotor end caps manufactured from stress corrosion sensitive materials using as examples the conventional power stations of the Hamburgische Electricitats-Werke AG 29196
Eggers, H., Lysaght, P., Dick, H., McGregor, G. Fast reconfigurable crossbar switching in FPGAs 11432
Eggert, A. Mechanical dissection bridging the gap between the theoretical and physical world 20719
Eggert, B., Boulicot, F. Basic characteristics of the ideal network pulse rectifier on the real network 60915
Eggert, D. *see* Hurrich, A. 21945
Eggert, D.W., Lorusso, A., Fisher, R.B. Estimating 3-D rigid body transformations: a comparison of four major algorithms 46328
Eggert, H. *see* Scherer, K.P. 32585
Eggimann, F. *see* Seiler, R. 15557
Egginton, H.H. Wealth and skill 39610
Eggleton, B.J., De Sterke, C.M., Slusher, R.E., Sipe, J.E. Distributed feedback pulse generator based on nonlinear fibre grating 16691
Eggli, K.D. *see* Kasales, C.J. 59455
Egi, Y. *see* Aizawa, K. 7429
Egi, Y. *see* Aizawa, K. 27656
Egi, Y. *see* Aizawa, K. 58851
Egiazarian, K., Astola, J. Generalized Fibonacci cubes and trees for DSP applications 4702
Egiazarian, K., Astola, J. Discrete orthogonal transforms based on Fibonacci-type recursions 45915
Egiazarian, K., Saramaki, T., Chugurian, H., Astola, J. Modified B-spline interpolators and filters: synthesis and efficient implementation 15399
Egiazarian, K. *see* Oktem, R. 46353
Egiazarian, K. *see* Siren, S. 24933
Egiazarian, K.O. *see* Atourian, S.M. 5523
Egiziano, L., Spagnuolo, G., Tucci, V., Lupo, G., Petrarca, C. Profile optimisation for an HV insulator in vacuum 8942
Egiziano, L. *see* Lupo, G. 28923
Egiziano, L. *see* Lupo, G. 32628
Egley, J.L. *see* Charache, G.W. 38994
Egli, W., Kogelschatz, U. Ion motion in pulsed coronas 55981
Eglitis, V. *see* Pentjuss, E. 3309
Egmond, C.van *see* van Egmond, C.
Egnell, H. *see* Wigren, T. 28718
Egnell, L. *see* Johansson, B.S. 16690
Ego, H., Hara, M., Kawashima, Y., Ohashi, Y., Ohshima, T., Suzuki, H., Takeshita, I., Yonehara,

H. Higher-order modes in the bell-shaped single-cell cavity of the SPring-8 storage ring 37045
Ego, H. *see* Hara, M. 17909
Egolf, T., Pettigrew, M., Debardelaben, J., Hezar, R., Famorzadeh, S., Kavipurapu, A., Khan, M., Dung, L.-R., Balemarhy, K., Desai, N., Madisetti, V. VHDL-based rapid system prototyping 31055
Egolf, T. *see* Calhoun, J.S. 40776
Egorov, A. *see* Fuentes, J. 741
Egorov, A.A. *see* Baranov, D.V. 17786
Egorov, A.N. *see* Nikiforov, A.Y. 44845
Egorov, A.V. *see* Fiederle, M. 10593
Egorov, A.Yu. *see* Kop'ev, P.S. 23931
Egorov, A.Yu. *see* Ledentsov, N.N. 2177
Egorov, A.Yu. *see* Ledentsov, N.N. 24005
Egorov, A.Yu. *see* Ruvimov, S. 22418
Egorov, A.Yu. *see* Shernyakov, Yu.M. 55653
Egorov, A.Yu. *see* Tsatsul'nikov, A.F. 12328
Egorov, A.Yu. *see* Tsatsul'nikov, A.F. 12383
Egorov, A.Yu. *see* Zaitsev, S.V. 44520
Egorov, A.Yu. *see* Zhukov, A.E. 41934
Egorov, A.Yu. *see* Zhukov, A.E. 44487
Egorov, E.G. *see* Taev, L.S. 19885
Egorov, F.A. *see* Burkov, V.D. 13989
Egorov, F.A. *see* Burkov, V.D. 17419
Egorov, N.V., Prudnikov, A.P., Zhukov, V.M. The investigation of the emissive properties of the structurally reconstructed field emitters in the frequency modes 22157
Egorov, N.V. *see* Denisov, V.P. 28012
Egorov, P.M. New multisize inductance reference standards 27289
Egorov, S.A. Method for simulating truncated random processes 17138
Egorov, V. *see* Bolozdynya, A. 49324
Egorov, V. *see* Vylov, T. 7833
Egorov, V.V. On electron transfer in Langmuir-Blodgett films 32471
Egorushkin, P.N. *see* Swallom, D.W. 20053
Egry, I. *see* Gorges, E. 7610
Eguchi, I., Sato, T., Mori, T. Visual behavior understanding as a care function of computerized description of medical care 37741
Eguchi, K., Hatagishi, T., Arai, H. Power generation and steam electrolysis characteristics of an electrochemical cell with a zirconia- or ceria-based electrolyte 29627
Eguchi, K., Kiyotoshi, M. Chemical vapor deposition of $(Ba,Sr)TiO_3$ thin films for in gigabit scale dynamic random access memories 52795
Eguchi, K., Kunisa, Y., Adachi, K., Arai, H. Effect of anodic concentration overvoltage on power generation characteristics of solid oxide fuel cells 19991
Eguchi, K., Kunisa, Y., Kayano, M., Sekizawa, K., Yano, S., Arai, H. Power generation characteristics of solid oxide fuel cell with internal steam reforming of methane 51522
Eguchi, K. *see* Albrecht, O. 21323
Eguchi, K. *see* Kanazawa, K. 18384
Eguchi, K. *see* Tozaki, T. 59516
Eguchi, K. *see* Ukai, Y. 8047
Eguchi, M. *see* Koshiba, M. 33173
Eguchi, N. *see* Nakamori, A. 51152
Eguchi, N. *see* Yang, S.T. 3747
Eguchi, T. *see* Furukawa, T. 44895
Eguchi, T. *see* Hiro Nishimura, T. 49798
Eguchi, T. *see* Miyata, J. 20270
Eguchi, T. *see* Nishimura, T.H. 49784
Eguchi, T. *see* Ohtake, A. 2250
Ehandarkar, S.M., Arabnia, H.R. Parallel computer vision on a reconfigurable multiprocessor network 46335
Ehara, H. *see* Kaneyama, F. 11545
Ehara, H. *see* Tosaka, Y. 2804
Ehara, H. *see* Tosaka, Y. 31269
Ehara, H. *see* Tosaka, Y. 59209
Ehara, K. Thermal oxidation due to air back-diffusion in horizontal furnaces 42512
Ehara, T. *see* Kim, Y.-B. 17057
Ehara, Y. *see* Kamikubo, H. 43452
Ehara, Y. *see* Naoe, M. 43439
Ehara, Y. *see* Togashi, K. 43440
Ehara, Y. *see* Urano, K. 32626
Ehinger, M. *see* Nurnberger, J. 44457
Ehinger, M. *see* Schull, K. 54164
Ehinger, M. *see* Spahn, W. 40441
Ehlers, C. *see* Xiaoming Wang 23261
Ehlers, C. *see* Xiaoming Wang 52865
Ehlert, A., Kerstan, W., Lundt, H., Huber, A., Helmreich, D., Geiler, H.-D., Karge, H., Wagner, M. Selected applications of photothermal and photoluminescence heterodyne techniques for process control in silicon wafer manufacturing 54022
Ehman, R.L. *see* Debbins, J.P. 7988
Ehman, R.L. *see* Lee, C.C. 7958
Ehman, R.L. *see* Yi Wang 7986
Ehmann, R., Wagner, B., Weiland, T. Farfield calculations for car antennas at different locations 45409
Ehnert, A. Intelligent semiconductor power switches to replace relays 22854
Ehrenburg, H. Improved directed acyclic graph evaluation and the combine operator in genetic programming 52516
Ehrenfreund, E. *see* Greenwald, Y. 13804
Ehrenmark, U.T. On the error and its control in a two-parameter generalised Newton-Cotes rule 549
Ehrenreich, H. *see* Grein, C.H. 48525
Ehret, C. *see* Gerster, J. 22220
Ehret, E., Laugier, A., El Omari, H. Solidification of multicrystalline silicon comparison between conventional casting and electromagnetic casting processes 39017
Ehret, G. *see* Fix, A. 24127
Ehret, G. *see* Seghrouchni, Z. 40492
Ehret, R., Baumann, W., Brischwein, M., Schwinde, A., Stegbauer, K., Wolf, B. Monitoring of cellular behaviour by impedance measurements on interdigitated electrode structures 36720
Ehrfeld, W. *see* Feiertag, G. 42887
Ehrfeld, W. *see* Schenk, R. 42819
Ehrgott, M. On matroids with multiple objectives 10343
Ehrgott, M., Klamroth, K. Connectedness of efficient solutions in multiple criteria combinatorial optimization 40097
Ehrhart, P. *see* Weck, W. 33891
Ehrich, M., Laneus, G.S., Reichelt, G.E. Investigations about the reliability of atmospheric and inert wave-soldered 1812-capacitors at various footprint-configurations 53787
Ehrich, R. *see* Xiangdong Liu 25476
Ehrich, S., Mastroianni, G. Stieltjes polynomials and Lagrange interpolation 40180
Ehrke, H.-J. *see* Jahn, E. 26838
Ehrke, H.-J. *see* Jahn, E. 36142
Ehrler, J. *see* Hasse, P. 19400
Ehrler, S., Mayer, R., Olbrich, W., Roesch, M. High complexity PCB's for enhanced SMT and bare chip assembly applications 31612
Ehrlich, A.C., Gillespie, D.J. Electronic structure of semimetals from transport and fermiology experiments 30965
Ehrlich, A.C. *see* Fuller-Mora, W.W. 32899
Ehrlich, A.C. *see* Sharp, J.W. 36958
Ehrlich, A.C. *see* Stokes, K.L. 30981
Ehrlich, G.M., Hellen, R.M., Reddy, T.B. Prismatic cell lithium-ion battery using lithium manganese oxide 61011
Ehrlich, J., Zerrouki, A., Galisson, A., Demassieux, N. A generic model for smart sensors based data acquisition system 17225
Ehrlich, J.E. *see* Benjamin, S.D. 769
Ehrlich, R.B. *see* Widmayer, C.C. 23873
Ehrlich, R.D. *see* Sivertz, M. 37456
Ehrlich, S.N. *see* Goldman, R.S. 52622
Ehrlich, V.M. *see* Goldman, R.S. 2105
Ehrlinger, A. *see* Boucher, P. 9592
Ehrmaier, B., Schmeer, H. Some results in measuring static decay 20821
Ehrmann, O. *see* Beutler, U. 22092
Ehrmann, O. *see* Hahn, R. 52278
Ehrmann, O. *see* Topper, M. 53855
Ehrmantraut, M., Harder, T., Wittig, H., Steinmetz, R. The personal electronic program guide–towards the pre-selection of individual TV programs 36340
Ehrt, D. *see* Petrov, V. 55572
Ehsani, H., Bhat, I., Borrego, J., Gutmann, R., Brown, E., Dziendziel, R., Freeman, M., Choudhury, N. Optical properties of degenerately doped silicon films for applications in thermophotovoltaic systems 32968
Ehsani, H., Bhat, I., Gutmann, R., Charache, G. p-type GaSb and $Ga_{0.8}In_{0.2}Sb$ layers grown by metalorganic vapor phase epitaxy using silane as the dopant source 10749
Ehsani, M., Rahman, K.M., Toliyat, H.A. Propulsion system design of electric and hybrid vehicles 39321
Ehsani, M., Rahmann, K.M., Toliyat, H.A. Propulsion system design of electric vehicles 51742
Ehsani, M. *see* Fahimi, B. 20123
Ehsani, M. *see* Rahman, K.M. 29786
Ehsani, M. *see* Tandon, P. 29688
Ehsani, M. *see* Wu, T.S. 38826
Ehwald, K.E. *see* Knoll, D. 2600
Eiben, K., Fritz, P. The WAK decommissioning and dismantling program 50741
Eiber, A., Schiehlen, W. Reconstruction of hearing by mechatronical devices 37874
Eibert, T.F., Hansen, V. On the interior resonance problem of FEM/BEM-hybrid- and BEM-approaches 24325
Eich, M. *see* Sprave, M. 2234
Eiche, C., Joerger, W., Fiederle, M., Ebling, D., Salk, M., Schwarz, R., Benz, K.W. Characterization of CdTe:Cl crystals grown under microgravity conditions by time dependent charge measurements (TDCM) 10592
Eiche, C. *see* Fiederle, M. 10593
Eichel, L.A. *see* Phillips, L.C. 27001
Eichel-Streiber, C.von *see* von Eichel-Streiber, C.
Eichelberger, J. *see* Lu, Z. 60017
Eichenbaum, A. *see* Cohen, M. 13906
Eichenberger, P. Rural electrification in the South Pacific 60576
Eichenberger, P. *see* Chaudhry, H.K. 52976
Eichenser, B.J. Planning the network 16204
Eicher, S. *see* Ivey, D.G. 54256
Eicher, S. *see* Jian, P. 12901
Eichfeld, H., Kunemund, T., Menke, M. A 12b general-purpose fuzzy logic controller chip 1490
Eichhorn, F., Podurets, K.M., Shilstein, S.S. Diffuse scattering of neutrons in thermally oxidized silicon 42545
Eichhorn, F. *see* Hempel, A. 37272
Eichhorn, G. *see* Rainova, Yu.P. 21346
Eichhorn, R. *see* Dobert, S. 37145
Eichhorn, R.M. *see* Bartnikas, R. 8901
Eichler, H. *see* Gorbunov, A.A. 12704
Eichler, H. *see* Gorbunov, A.A. 53815
Eichler, H.-J. *see* Kaminskii, A.A. 44738
Eichler, H.J., Haase, A., Mehl, O. Serial arrangement for high power solid-state amplifiers with phase conjugating mirror 14032
Eichler, H.J., Haase, A., Mehl, O. High-power Nd:YALO multirod amplifier-system with near-diffraction-limited beam quality by SBS-mirror 33439
Eichler, H.J., Heinrich, S., Schwartz, J. Self-starting short-pulse XeCl laser with a stimulated Brillouin scattering mirror 13950
Eichler, H.J., Liu, B., Sperlich, O. Effective etalon reflectors with high damage threshold for erbium laser development 3938
Eichler, H.J. *see* Baier-Saip, J.A. 3478
Eichler, H.J. *see* Ding, Y. 3862
Eichler, H.J. *see* Ding, Y. 14312
Eichler, H.J. *see* Juodkazis, S. 24106
Eichler, H.J. *see* Kaminskii, A.A. 44407
Eichler, H.J. *see* Pogany, P. 55659
Eichler, R. *see* Schellstede, G. 19162
Eichman, E. *see* Wilkie, D. 31260
Eichmann, H. *see* Wellegehausen, B. 14293
Eichner, J. *see* Ruth, R.D. 49165
Eichner, J.P. *see* Wang, J.W. 49051
Eick, W., Henschel, H., Kaufmann, H.H., Klein, M., Kostka, P., Kratzwald, L., Lange, W., Lippold, H., Meissner, J., Naumann, Th., Peppel, E., Stosslein, U., Stolze, K., Winde, M., Burger, J., Hansen, K., Lange, W., Prell, S., Zimmermann, W., Bullough, M.A., Greenwood, N.M., Lucas, A.D., Newton, A.M., Wilburn, C.D., Horisberger, R., Pitzl, D., Clarke, D., Haynes, W.J., Noyes, G. Development of the H1 backward silicon strip detector 28034
Eick, W., Henschel, H., Kaufmann, H.H., Klein, M., Kostka, P., Kratzwald, L., Lange, W., Lippold, H., Meissner, J., Naumann, T., Peppel, E., Stoesslein, U., Stolze, K., Winde, M., Buerger, J., Hansen, K., Lange, W., Prell, S., Zimmermann, W., Bullough, M.A., Greenwood, N.M., Lucas, A.D., Newton, A.M., Wilburn, C.D., Horisberger, R., Pitzl, D., Clarke, D., Haynes, W.J., Noyes, G. Development of the H1 backward silicon strip detector 59238
Eicke, H.-F. *see* Schlag, S. 2903
Eicke, J.G. *see* Della Torre, E. 43699
Eickelpasch, N., Steiner, H., Priesmeyer, U. Remote techniques for the underwater dismantling of reactor internals at the nuclear power plant Gundremmingen unit A 38508
Eicken, T.von *see* von Eicken, T.
Eickhoff, H. *see* Steck, M. 37080
Eickhoff, H. *see* Stohlker, Th. 7727
Eickhoff, M.L., Hall, J.L. Real-time precision refractometry: New approaches 48961
Eickhopf, T. *see* Kruger, M. 33257
Eid, R. *see* Taseli, H. 40213
Eide, E., Gish, H. A parametric approach to vocal tract length normalization 14932
Eidsath, A. *see* Goldstein, S.R. 28212
Eidson, J. *see* Johnson, J.T. 34041
Eidson, J.C. *see* Johnson, J.T. 24476
Eier, R. *see* Kratochwil, K. 34568
Eierman, M.A. *see* Dishaw, M.T. 52035
Eiferman, C. *see* Azancot, I. 37654
Eiffert, P. *see* Wenger, H. 50826
Eifler, D., Roeder, E., Schlicker, U., Wagner, J. Ultrasonic roll seam welding for the production of glass/metal compounds 28692
Eiges, V. *see* Balagura, V. 37222
Eijk, C.A.J.van *see* van Eijk, C.A.J.
Eijk, C.W.E.van *see* van Eijk, C.W.E.
Eijkelenborg, M.A.Van *see* Van Eijkelenborg, M.A.
Eijkhout, V. *see* Barrett, R. 585
Eijndhoven, J.T.J.van *see* van Eijndhoven, J.T.J.
Eiju, T. *see* Barnes, T.H. 3488
Eiju, T. *see* Barnes, T.H. 7567
Eiju, T. *see* Yamauchi, M. 58915
Eikelboom, J.A. *see* Burgers, A.R. 39006
Eikelboom, J.A. *see* Schuurmans, F.M. 32094
Eikenberry, E.F. *see* Tate, M.W. 37572
Eikvil, L. *see* Aas, K. 7434
Eikyu, K. *see* Kim, I.J. 43261
Eikyu, K. *see* Uchida, T. 42595
Eilam, T., Moran, S., Zaks, S. A lower bound for linear interval routing 25978
Eilbeck, N. *see* Arthur, G. 42827
Eilenberger, G. *see* Boettle, D. 26456
Eilenberger, G. *see* Bunse, S. 16122
Eilenberger, G. *see* Jourdan, A. 26441
Eilers, C.G. The in-band characteristics of the vestigial side band emitted signal for ATV digital terrestrial broadcasting 17063
Eilers, H. *see* Tissue, B.M. 13828
Eilertsen, K. Automatic detection of single MLC leaf positions with corrections for penumbral effects and portal imager dose rate characteristics 49777
Eimerl, D. *see* Pennington, D.M. 23842
Eimori, T. *see* Oashi, T. 41171
Ein-Eli, Y., Thomas, S.R., Chadha, R., Blakley, T.J., Koch, V.R. Li-ion battery electrolyte formulated for low-temperature applications 60991
Ein-Eli, Y., Thomas, S.R., Koch, V., Aurbach, D., Markovsky, B., Schechter, A. Ethylmethylcarbonate, a promising solvent for Li-ion rechargeable batteries 51449
Ein-Eli, Y. *see* Aurbach, D. 9484

Einar Kolltveit, O., Hakon Husoy, J. Efficient adaptive filtering in subbands using IIR filter banks 45981
Einav, Y. *see* Horowitz, A. 10660
Eineder, M. *see* Bamler, R. 27018
Einevoll, G.T. *see* Laheld, U.E.H. 42120
Einhorn, M.A. Intelsat: a reform proposal 16639
Einicke, G. Adaptive speech estimation for low SNR and cochannel FM 45653
Einsiedel, H., Mitler-Neher, S. Photothermal beam deflection techniques: Useful tools for integrated optics 55287
Einsiedel, H. *see* Mittler-Neher, S. 27953
Einsiedel, H. *see* Paul, S. 32343
Einspahr, K.L. *see* Mehta, S.K. 53170
Einstein, T.H. Mercury Computer Systems' modular heterogeneous RACE(R) multicomputer 47213
Einy, E., Shitovitz, B. Convex games and stable sets 10265
Eipper, H.H. *see* Schneider, P. 59775
Eipper, V.E. *see* Daly, M.P.J. 59756
Eiriksson, A. *see* Palsson, T. 28285
Eis, K.E. *see* Shaikh, M.A. 18836
Eisele, H. *see* Haddad, G.I. 53609
Eisele, I. *see* Baumgartner, H. 2393
Eisele, I. *see* Doll, T. 27719
Eisele, I. *see* Geistlinger, H. 27718
Eisele, I. *see* Ramgopal Rao, V. 32089
Eisele, I. *see* Rupp, T. 2085
Eisele, J.S., Haimes, Y.Y., Garber, N.J., Li, D., Lambert, J.H., Kuzminski, P., Chowdhury, M. The impact of improved vehicle design on highway safety 9985
Eisele, M., Berthold, J., Schmitt-Landsiedel, D., Mahnkopf, R. The impact of intra-die device parameter variations on path delays and on the design for yield of low voltage digital circuits 11244
Eisele, T. *see* Langmann, D. 34683
Eiselt, M., Jopson, R.M., Stolen, R.H. Nondestructive position-resolved measurement of the zero-dispersion wavelength in an optical fiber 23496
Eiselt, M. *see* Hoyer, D. 28077
Eisen, F. *see* Im, S. 32131
Eisen, F. *see* Im, S. 32135
Eisen, Y. Current state-of-the-art industrial and research applications using room-temperature CdTe and CdZnTe solid state detectors 37349
Eisen, Y., Shor, A., Gilath, C., Tsabarim, M., Chouraqui, P., Hellman, C., Lubin, E. A gamma camera based on CdTe detectors 37667
Eisen, Y. *see* Olsher, R.H. 18568
Eisenbach, A., Goldhorn, A., Kuphal, E., Mause, K. MOVPE growth for an integrated InGaAs/InP PIN-HBT receiver using Zn-doped p^+-InGaAs layers 44319
Eisenbeiser, K.W., East, J.R., Haddad, G.I. Theoretical analysis of the breakdown voltage in pseudomorphic HFETs 2712
Eisenberg, H. *see* Barad, Y. 44831
Eisenberg, S.J. *see* Ellis, W.S. 18476
Eisenbiegler, D. *see* Kumar, R. 31039
Eisendrath, H. *see* Peeters, F. 18280
Eisenhammer, T., Mahr, A., Haugeneder, A., Reichelt, T., Assmann, W. Deposition of thin quasicrystalline AlCuFe films for solar selective absorbers 10861
Eisenhandlez, E. *see* Brawn, I. 59325
Eisenhauer, J. *see* Garland, R.W. 28983
Eisenman, A., Liebe, C.C., Jorgensen, J.L. Astronomical performance of the engineering model Orsted advanced stellar compass 59891
Eisenman, A.R. *see* Joergensen, J.L. 59881
Eisenman, A.R. *see* Joergensen, J.L. 59888
Eisenmenger, J., Brand, C., Leiderer, P. Reversible laser patterning of $YBa_2Cu_3O_{7-\delta}$ microbridges 55118
Eisenmenger, W. *see* Eberle, G. 2955
Eisenmenger, W. *see* Fedosov, S.N. 13250
Eisenmenger, W. *see* Fedosov, S.N. 54864
Eisenmenger, W. *see* Fedosov, S.N. 54928
Eisenstein, G. *see* Buchinsky, O. 44542
Eisenstein, G. *see* Diez, S. 33516
Eisenstein, G. *see* Finzi, D. 55618
Eisenstein, G. *see* Margalit, M. 33411
Eisenstein, G. *see* Margalit, M. 44588
Eisenstein, G. *see* Shtaif, M. 3833
Eisenstein, G. *see* Shtaif, M. 14155
Eisenstein, G. *see* Shtaif, M. 55627
Eisert, D., Legge, M., Bacher, G., Forchel, A., Nurnberger, J., Schull, K., Landwehr, G. First order single mode DBR laser diodes emitting in the blue-green spectral range 55638
Eisert, D. *see* Fisher, M.V. 37551
Eisert, P. *see* Girod, B. 5145
Eisgruber, I.L. Thin-film module measurement artifacts 39072
Eisgruber, I.L. *see* Pern, F.J. 39165
Eisikowitch, D. *see* Law, S.E. 33844
Eisner, R.L. *see* Di Bella, E.V.R. 28242
Eissler, E. *see* Toney, J.E. 37317
Eissler, E.E. *see* Szeles, C. 31818
Eitan, B., Kazerounian, R., Roy, A., Crisenza, G., Cappelletti, P., Modelli, A. Multilevel flash cells and their trade-offs 41157
Eiting, C.J. *see* Carrano, J.C. 48555
Eiting, C.J. *see* Grudowski, P.A. 3585
Eiting, C.J. *see* Grudowski, P.A. 12228
Eiting, C.J. *see* Grudowski, P.A. 52723
Eizenberg, M. Chemical vapor deposition of TiN for ULSI applications 42676
Eizenberg, M. *see* Lyakas, M. 42061
Ejaz Haq *see* Jei-Hwan Yoo 1335
Ejea, J.B. *see* Ferreres, A. 9322
Ejea Marti, J.B., Dede Garcia-Santamaria, E.J., Ferreres Sabater, A., Maset Sancho, E. The concept and design of a bi-directional post-regulator 9321
Ejebe, G.C. *see* Chadalavada, V. 50361
Ejeckam, F.E., Chua, C.L., Zhu, Z.-H., Lo, Y.H., Hong, M., Mannaerts, J.P., Bhat, R. Reliability studies of wafer-bonded InGaAs P-I-N photodetectors on GaAs substrates 36554
Ejeckam, F.E., Lo, Y.H., Subramanian, S., Hou, H.Q., Hammons, B.E. Lattice engineered compliant substrate for defect-free heteroepitaxial growth 40419
Ejiogu, E.C. *see* Kawabatd, Y. 61110
Ejiogu, E.C. *see* Komatsu, Y. 9254
Ejiri, H. *see* Miwa, H. 22950
Ejiri, M. *see* Miyatake, T. 46091
Ejiri, M. *see* Miyatake, T. 46236
Ejiri, S. *see* Matsumura, S. 25715
Ejiri, Y. *see* Muramatsu, K. 44882
Ekanayake, J.B., Jenkins, N. Mathematical models of a three-level advanced static VAr compensator 60910
Ekanayake, M.M., Lindquist, C.S. EEG tracking filter 8075
Ekawa, M., Fujii, T., Tanahashi, T. Effect of incorporation efficiency on dopant behaviors in selective-area metalorganic vapor phase epitaxy 52652
Ekawa, M. *see* Yamamoto, T. 26778
Ekberg, J. Smarter homes for independent living 18546
Ekdahl, C.A. *see* Humphries, S., Jr. 19879
Ekdunge, P. *see* Broka, K. 51551
Ekelman, E.P., Abler, C.B. Antenna gain measurements using improved radio star flux density expressions 34192
Ekenberg, T. *see* Arai, Y. 37267
Ekenberg, T. *see* Arai, Y. 37268
Eker, I. New design algorithms for power system engineers for simultaneous design of improved AVR+PSSs in primary regulation 19169
Eker, M.K. *see* Aksoy, S. 9573
Eker, M.M., Burgess, S.K., Lee, C., Choma, J., Jr. A proposal for a current-mode wideband RF amplifier employing the existing BJT technology 11686
Ekerdt, J.G. *see* Dadap, J.I. 24259
Ekerdt, J.G. *see* Neumayer, D.A. 21257
Ekere, N.N., Mannan, S.H., Currie, M.A. Solder paste printing process modelling map 11882
Ekerol, H. *see* Hodgson, D.C. 4930
Ekers, R.D. *see* Staveley-Smith, L. 36300
Ekert, P.G. *see* Taylor, M.J. 18408
Eki, Y., Hirasawa, K., Nomura, M. Several feedforward control methods and their comparison for the thermal power plant main control system 60545
Ekimov, A. Growth and optical properties of semiconductor nanocrystals in a glass matrix 30693
Ekimov, A.I. *see* Valenta, J. 33668
Ekin, J.W., Bray, S.L. High compressive axial strain effect on the critical current and field of Nb_3Sn superconductor wire 55105
Ekiz, H., Kutlu, A., Baba, M.D., Powner, E.T. Performance analysis of a CAN/CAN bridge 57911
Ekiz, H. *see* Kutlu, A. 47067
Eklund, G. Absolute determination of loss angle 27837
Eklund, G. *see* Reymann, D. 27374
Eklund, J.-E., Arvidsson, R. A multiple sampling, single A/D conversion technique for I/Q demodulation in CMOS 11541
Eklund, N.H., Boyce, P.R. The development of a reliable, valid, and simple office lighting survey 39413
Eklund, R. *see* Bretan, I. 49954
Eklund, R.H. *see* Thakar, G.V. 2812
Eklundh, J.-O. *see* Brautigam, C.G. 5053
Ekman, A., Wiles, A. Specification and verification a unified approach 46767
Ekmekci, I. *see* Sahin, B. 50759
Ekre, T.E. *see* Ude, A. 5075
Ekroot, L.L. *see* Kiely, A.B. 24684
Ekstrand, A., Nygren, M., Westin, G. Processing of ZnO-based varistors using oxide, alkoxide, nitrato-alkoxide and carboxylato precursors 54730
Ekstrom, A. *see* de Oliveira, M.M. 50462
Ekstrom, A. *see* Jiang, Y. 38857
Ekstrom, A. *see* Ying, J. 19203
Ekstrom, C.R., Golding, W.M., Drullinger, R., Walls, F.L., DeMarchi, A., Rolston, S.L., Phillips, W. The design of an atomic fountain frequency standard prototype at NIST 48317
Ekstrom, C.R. *see* Phillips, W.D. 48290
Ekstrom, F. *see* Ying Jiang 51137
Ekstrom, M.P. Dispersion estimation from borehole acoustic arrays using a modified matrix pencil algorithm 8416
Ekstrom, O. *see* Leising, G. 23691
Ekstrom, P. *see* Jung, B. 28424
Ekstrom, W. *see* Jiang, Y. 19883
Ekwue, A.O. *see* Chan, K.W. 60255
Ekwue, A.O. *see* Esp, D.G. 38320
Ekwue, A.O. *see* Hasan, U. 19084
Ekwue, A.O. *see* Lo, K.L. 60197
El Aatmani, M. *see* Boutbila, M.A. 31698
El Adl, M.K., Rodriguez, A.A., Tsakalis, K.S. Hierarchical modeling and control of re-entrant semiconductor manufacturing facilities 39726
El Amin, A. *see* El-Mongy, A.A. 31839
El Arini, M. Effects of voltage sensitive loads on optimum capacitor allocation for power system 8741
El Arini, M. An efficient method for alleviating line overloads and voltage violations by corrective active and reactive rescheduling 19123
El Assad, S., Saad, A., Barba, D. Unsupervised optimal fuzzy clustering and Markov segmentation of polarimetric radar imaging 48070
El Assad, S. *see* Belhadj, Z. 27063
El Assad, S. *see* Morin, X. 48071
El Assad, S. *see* Saad, A. 48069
El Ayyadi, M. *see* Cottet, G.-H. 56940
El Aziz Mohamed, D.Abd *see* Abd El Aziz Mohamed, D.
El Baroudi, S. *see* Bonafe, T. 43033
El Baz, D., Spiteri, P., Miellou, J.C., Gazen, D. Asynchronous iterative algorithms with flexible communication for nonlinear network flow problems 16117
El Bouchikhi, A. *see* Bornand, V. 52754
El Boukili, A. Arclength continuation methods and applications to 2D drift-diffusion semiconductor equations 22762
El Chahal, L. *see* Seghrouchni, Z. 40492
El Din, A.S.Zein *see* Zein El Din, A.S.
El Fahham, M.M., El Said, H.S. Asymptotic expansion in the limit theorem for the convergence to Laplace distribution 10291
El Fattah, Y., Dechter, R. An evaluation of structural parameters for probabilistic reasoning: results on benchmark circuits 1275
El Feddi, M., Ren, Z., Razek, A., Bossavit, A. Homogenization technique for Maxwell equations in periodic structures 44869
El Hadi, K. *see* Baldi, P. 44689
El Jani, B. *see* Beaumont, B. 40364
El Joudi, El.M., Dress, P., Podgorsek, R.P., Franke, H. Moisture sensitivity of holographic gratings recorded in photosensitive polyimide 44767
El Kahel, M., Olivier, G., Ba, A.O. Five and seven phase current convertors: a feasibility study 19855
El Kamel, A., Dauphin-Tanguy, G. A bond graph and wave-scattering comparative study of power electronic switches 53037
El Khamlichi, K.Drissi *see* Drissi El Khamlichi, K.
El Mamouni, H. *see* Alexeev, G. 59200
El Mamouni, H. *see* Auffray, E. 37281
El Mansori, M. *see* Paulmier, D. 53725
El Mously, M.K. *see* Youssef, G.M.A. 12209
El Mously, M.K. *see* Youssef, G.M.A. 20049
El Mustapha, M. *see* Laurent, D. 48875
El Nahas, A. *see* Cobb, J.A. 57906
El Nokali, M.A. *see* Kasemsuwan, V. 41456
El Omari, H., Boyeaux, J.P., Laugier, A. Screen printed contacts formation by rapid thermal annealing in multicrystalline silicon solar cells 39010
El Omari, H. *see* Ehret, E. 39017
El Omari, H. *see* Kaminski, A. 39007
El Omari, H. *see* Laugier, A. 39016
El Razaz, Z., Yassin, I., Hegazy, A., Moustafa, H. Voltage stability evaluation for Egyptian network 19077
El Rhaleb, H. *see* Cella, N. 12186
El Said, H.S. *see* El Fahham, M.M. 10291
El Shaikh, H. *see* El-Mongy, A.A. 31839
El Sorady, H., Shoukry, A., Bassiouny, S. Improving the parametric Gaussian classifier using neural networks 57052
El Zarki, M. *see* Hang Liu 46269
El Zawawi, A.M.O., Ashour, H.A. A fast acting current limit for a PC-based DC drive 9578
El Zooghby, A.H., Christodoulou, C.G. Optimum beamforming for co-channel interference nulling in mobile satellite communications 35987
El-Agramy, A.M. *see* El-Kolaly, M.A. 13819
El-Alaily, A.A. *see* Farahat, M.A. 11812
El-Alem, M. *see* Dennis, J.E., Jr. 40114
El-Antably, A. *see* Matsuo, T. 29689
El-Arabaty, A.M. *see* Abdelaziz, A.Y. 38274
El-Arabaty, A.M. *see* Abdelaziz, A.Y. 50624
El-Arabaty, A.M. *see* Abdelaziz, A.Y. 50633
El-Arabaty, A.M. *see* Mostafa, M.A. 50354
El-Arabaty, A.M. *see* Mostafa, M.A. 50449
El-Arabaty, A.N. *see* Mostafa, M.A. 60206
El-Ati, M.I.Abd *see* Abd El-Ati, M.I.
El-Awadi, R.M. *see* Ashour, M. 58178
El-Ayadi, M.H., Al-Hussaini, E.K., El-Hakeim, E.A. A combined redundancy averaging signal enhancement algorithm for adaptive beamforming in the presence of coherent signal and interferences 45871
El-Azeem, M.H.Adb *see* Adb El-Azeem, M.H.
El-Azim El-Mahdi, A. *see* Eweda, E. 56519
El-Bachtiri, R., Matagne, E., Labrique, F. Commutation processes in a multiresonant ZVS bridge inverter regulated by phase shifting the control of the two legs 9339
El-Badawy, E.-S.A. *see* Badr, K.H. 53568
El-Bakry, H.M., Abo-Elsoud, M.A., Soliman, H.H., El-Mikati, H.A. Design of neural networks for solving computational problems 53487
El-Bakry, H.M. *see* Abo-Elsoud, M.A. 53488
El-Banna, M. *see* Aziz, M.A. 54700
El-Bawab, H.F. *see* Mabrouk, M.A. 55202

El-Bawab, T.S., Vaishnav, C., Jayasumana, A.P., Temkin, H., Sauer, J.R., Willebrand, H.A. Medium access control protocols for robust wavelength division multiplexed local area networks 5842

El-Damcese, M.A. Reliability of systems subject to common-cause hazards assumed to obey an exponential power model 19462

El-Debeiky, S. *see* El-Sayed, M.M. 19409

El-Deen Ahmed, H. *see* Eweda, E. 56519

El-Dessouki, T.A. *see* El-Nicklawy, M.M. 14445

El-Dinary, A. *see* Cole, T.D. 8256

El-Dinary, A.S., Cole, T.D. Pre-launch and post-launch testing of the Near Earth Asteroid Rendezvous (NEAR) laser rangefinder 49898

El-Dinary, A.S., Cole, T.D., Boies, M.T., Reiter, R.A., Rodriguez, D.E. Testing and space qualification of the NEAR laser rangefinder 6973

El-Dinary, A.S., Cole, T.D., Reiter, R.A., Rodriguez, D.E. Control software for the Near Earth Asteroid Rendezvous laser rangefinder 49895

El-Dinary, A.S. *see* Boies, M.T. 49893

El-Diwany, E.A. *see* Attyia, A.M. 24607

El-Dwaik, F. Suitability of resonant DC-link inverter (RDCLI) for battery-fed systems 60660

El-Ela, A.A., Short, M.J. Effect of line switching and generation rescheduling on overload reduction in power systems 60234

El-Emary, A.A. Formula for the effect of a static VAr compensator on synchronising torque coefficient 8811

El-Fallah, A.I., Ford, G.E. Mean curvature evolution and surface area scaling in image filtering 57185

El-Far, Y.A. *see* Al-Hussaini, E.K. 56534

El-Faramawy, N.M., Rangayyan, R.M., Desautels, J.E.L., Alim, O.A. Shape factors for analysis of breast tumors in mammograms 18236

El-Fiki, S.A. *see* El-Ghandoor, H. 11022

El-Fouly, M.H. *see* Kotkata, M.F. 21343

El-Galil, M.Abd *see* Abd El-Galil, M.

El-Gamal, Y.S., Aboul-Dahab, M.A., Abdel-Wahab, S.M. Diverse computational graphics techniques for visualizing antenna radiation patterns 34178

El-Gambeihy, H.H. *see* Elshazly-Zaghloul, M. 23242

El-Gammal, W.A. *see* Badawy, I. 60504

El-Gendy, A.F. *see* El-Khamy, S.E. 56066

El-Gendy, H. WFMTS: An intelligent networks solution for universal personal communications 47297

El-Gendy, H., Probert, R. North American IN integration of computers and telecommunications switches for universal personal communications and multimedia communications 47310

El-Geneidy, A.M., Kumar, A., Srivastava, A. A distributed multipoint multimedia conference environment 26266

El-Genk, M.S. *see* Paramonov, D.V. 18663

El-Genk, M.S. *see* Paramonov, D.V. 20074

El-Genk, M.S. *see* Paramonov, D.V. 49943

El-Genk, M.S. *see* Paramonov, D.V. 51617

El-Ghandoor, H. Tomographic investigation of the refractive index profiling using speckle photography technique 17846

El-Ghandoor, H., El-Fiki, S.A., El-Zaiat, S.Y. Interferometric investigation of the effect of gamma radiation on the refractive index of CR-39 polymer 11022

El-Ghany, S.E.-S.A. *see* El-Nicklawy, M.M. 14445

El-Ghazaly, S.M., Golio, M. Challenges in modern wireless personal communications 58172

El-Ghazaly, S.M. *see* Alsunaidi, M.A. 53624

El-Gindy, O. *see* El-Sayed, M.M. 19409

El-Gizawy, A.S., Sharma, P., Amend, D., Taylor, B. A quality engineering approach for zero-defects electroplating process 39746

El-Gomati, M.M. *see* Wells, T. 54442

El-Guibaly, F., Sabaa, A. A high speed CORDIC algorithm 24886

El-Guibaly, F. *see* Abdel-Raheem, E. 15172

El-Guibaly, F. *see* Abdel-Raheem, E. 34813

El-Guibaly, F. *see* Almulhem, A. 16026

El-Guibaly, F. *see* Almulhem, A. 16027

El-Hadidi, M.T., Amer, H.A., Bilal, A.M.Y. Reactive congestion control in ATM networks using backward transmission 6242

El-Hadidy, F.Moelaert *see* Moelaert El-Hadidy, F.

El-Hakeim, E.A. *see* El-Ayadi, M.H. 45871

El-Hang Lee *see* Cheoul-Shin Kang 48016

El-Hang Lee *see* Deug-Ju Lee 36118

El-Hang Lee *see* Hak Kyu Lee 16514

El-Hang Lee *see* Hak Kyu Lee 26805

El-Hang Lee *see* Hyo-Hoon Park 3820

El-Hang Lee *see* Hyo-Hoon Park 24004

El-Hang Lee *see* Jong-Hyeob Baek 52627

El-Hang Lee *see* Lee, Y.H. 24192

El-Hang Lee *see* Min-Yong Jeon 14003

El-Hang Lee *see* Seok Ho Song 26701

El-Hang Lee *see* Seok Ho Song 26708

El-Hang Lee *see* Seongjae Lee 2142

El-Hang Lee *see* Young-Jo Ko 52734

El-Hawary, F. *see* Mbamalu, G.A.N. 50296

El-Hawary, M.E. *see* Dondo, M.G. 19124

El-Hawary, M.E. *see* Mbamalu, G.A.N. 28752

El-Hawary, M.E. *see* Mbamalu, G.A.N. 50296

El-Hawary, M.E. *see* Mostafa, M.A. 50354

El-Hawary, M.E. *see* Mostafa, M.A. 50449

El-Hawary, M.E. *see* Mostafa, M.A. 60206

El-Hawary, M.E. *see* Soliman, S.A. 19258

El-Hawary, M.E. *see* Soliman, S.A. 19393

El-Hawary, M.E. *see* Soliman, S.A. 50483

El-Hawary, M.E. *see* Soliman, S.A. 60427

El-Hawary, M.E. *see* Soliman, S.A. 60428

El-Hawary, M.E. *see* Weiming Zhang 50951

El-Hazek, S. *see* Fouad, L. 36880

El-Hefnawi, F.M. *see* Attyia, A.M. 24607

El-Henaoui, S., Tohme, S. UPC parameters for real-time VBR MPEG traffic applying dynamic bandwidth allocation 5725

El-Hennawey, M.S. *see* Al-Saud, W.A.A. 17045

El-Hoiydi, A., Finean, R.J. Location management for the satellite–Universal Mobile Telecommunication System 47871

El-Jakl, J., Champagnat, F., Goussard, Y. Time-space regularization of the inverse problem of electrocardiography 59672

El-Jaroudi, A. *see* Detka, C.S. 4648

El-Kareh, B. Addressing future analytical requirements of electronic materials 32102

El-Kateb, M.M., Abdelkader, S., Kandil, M.S. Linear indicator for voltage collapse in power systems 60196

El-Keib, A.A., Ma, X. Calculating short-run marginal costs of active and reactive power production 60293

El-Keib, A.A. *see* Carlisle, J.C. 50542

El-Keib, A.A. *see* Carlisle, J.C. 50543

El-Khabeary T., H. *see* Aziz, M.E.A. 59186

El-Khamy, S.E. On the application of optimum codes to the design of omnidirectional noncoherent antenna arrays 56207

El-Khamy, S.E., Abd-El-Kader, N. Smart elliptical arrays 56208

El-Khamy, S.E., Abdou, H.-E.-D.M. Neural matched filter detection in synchronous code-division multiple-access (CDMA) systems 58112

El-Khamy, S.E., Al-Ghoniemy, M.B. The wavelet transform: a review and application to enhanced data storage reduction in mismatched filter receivers 56483

El-Khamy, S.E., El-Gendy, A.F. Penetration of the nuclear electromagnetic pulse (EMP) in lossy dielectric media 56066

El-Khamy, S.E., Salem, F.A. A novel target identification and discrimination scheme using matched spread-spectrum techniques 58451

El-Khamy, S.E., Shaaban, S.E., Thabet, E.A. Partially coherent detection of continuous phase chirp (CPCM) signals 56485

El-Khamy, S.E., Shaaban, S.E., Thabet, E.A. Multi-user chirp modulation signals (M-CM) for efficient multiple-access communication systems 58117

El-Khamy, S.E., Youssef, E.-S.A., Madkour, M.F. Cancellation of multiple-access interference in wireless CDMA systems using eigen receivers 58176

El-Khatroushi, H. *see* Lo, K.L. 8743

El-Khatroushi, H. *see* Lo, K.L. 8835

El-Khatroushi, H. *see* Tumay, M. 9589

El-Khattib, H.M., El-Mowelhi, N.M., Hawela, F. Monitoring land cover of the desert fringes of the eastern Nile Delta, Egypt 8542

El-Khawas, E.H. *see* Ahmed, M.A. 54100

El-Kholi, A. *see* Fahrenberg, J. 32586

El-Kholi, A. *see* Kadereit, D. 54551

El-Kholi, A. *see* Zanghellini, J. 42863

El-Kishky, H. *see* Gorur, R.S. 54963

El-Kolaly, M.A., El-Agramy, A.M., Hafez, H.S. Effect of different activators on thermoluminescence properties of gamma irradiated cement clinker and its ferrite phase 13819

El-Kouhen, D., Aubert, H., Ghomi, M., Baudrand, H. Q-factor computation of radiation loss corresponding to surface wave in a patch circular resonator 4349

El-Licy, F.A., Abdel-Aty-Zohdy, H.S. A numerical 2-D turn-off mechanism simulator for j-MOS power transistor 43094

El-Mabrouk, A., Aggoun, A. Image compression algorithm using local edge information 56619

El-Mahallawy, F.M. *see* Gadalla, M.A. 29920

El-Mahdi, A.El-Azim *see* El-Azim El-Mahdi, A.

El-Makkawy, S.M. Movement of charged conducting particles under AC voltages in insulating liquids 13267

El-Maleh, A. *see* Marchok, T.E. 7177

El-Maliki, M. *see* Verscheure, O. 57106

El-Mallah, A.A. *see* Abed, K.A. 50865

El-Marazki, L.O., Polak, M., Zhang, W. Effect of bubbling on the current carrying capacity of small BSCCO coils 55136

El-Markabi, M.H.Shaker *see* Shaker El-Markabi, M.H.

El-Masry, E.I. *see* Abou-Allam, E. 21514

El-Masry, N. *see* McIntosh, F.G. 21274

El-Masry, N. *see* Venkatasubramanian, R. 52672

El-Masry, N.A. *see* Boutros, K.S. 21273

El-Masry, N.A. *see* McIntosh, F.G. 52697

El-Masry, N.A. *see* Piner, E.L. 10798

El-Masry, N.A. *see* Piner, E.L. 40409

El-Masry, N.A. *see* Roberts, J.C. 10794

El-Merai, N.T. *see* Aziz, M.E.A. 59186

El-Meshad, N.A., Hassan, H.H., Abou Mansour, S.A. Binding energy of hydrogenic impurity states in ultra wide quantum well structures 22341

El-Metwally, M. *see* El-Shibini, M. 19259

El-Mikati, H.A. *see* Abo-Elsoud, M.A. 53488

El-Mikati, H.A. *see* El-Bakry, H.M. 53487

El-Mohri, Y. *see* Antonuk, L.E. 28253

El-Mohri, Y. *see* Antonuk, L.E. 59463

El-Mohri, Y. *see* Siewerdsen, J.H. 28252

El-Mongy, A.A., Belal, A., El Shaikh, H., El Amin, A. A comparison of the physical properties of CdTe single crystal and thin film 31839

El-Motaafy, H.A. *see* Badr, K.H. 53568

El-Moudni, A. *see* Amer-Yahia, C. 454

El-Mowelhi, N.M. *see* El-Khattib, H.M. 8542

El-Nagar, K. *see* Soliman, S.A. 19258

El-Nagar, K. *see* Soliman, S.A. 50483

El-Nagar, K.M. *see* Mostafa, M.A. 50354

El-Nagar, K.M. *see* Mostafa, M.A. 60206

El-Naggar, K.M. *see* Mostafa, M.A. 50449

El-Nicklawy, M.M., Fouda, I.M., Hassan, A.F. An analysis of Fizeau fringes crossing fibres with different skin-core transverse sections 43953

El-Nicklawy, M.M., Hassan, A.F., El-Zaiki, M.E., El-Dessouki, T.A., El-Ghany, S.E.-S.A. A theoretical study on the visibility of a speckle pattern based on a Gabor hologram and speckle photography 14445

El-Raheem, G.A. *see* Abo-Zahhad, M. 53444

El-Rahman, H.A.Abd *see* Abd El-Rahman, H.A.

El-Refai, M.Y., Kumar, A., Elmaghraby, A.S. JAVA-based distributed conferencing for heterogeneous systems 26267

El-Rehim, N.A., El-Samahy, A.E. Electrical properties of lead phthalocyanine films 2291

El-Saady, G. *see* El-Sadek, M.Z. 19237

El-Saady, G. *see* El-Sherbiny, M.K. 19174

El-Saady, G. *see* El-Sherbiny, M.K. 19220

El-Saady, G. *see* El-Sherbiny, M.K. 60280

El-Saady, G. *see* El-Sherbiny, M.K. 60288

El-Sadek, M.Z., El-Saady, G., Abo-El-Soud, M. Adaptive static VAr compensator for enhancing power system stability 19237

El-Safty, A. *see* Ibrahim, M.A.-K. 21119

El-Saigh, A.I., Burnett, J.W. Evaluation of diversity performance in GSM 36046

El-Saigh, A.I., Macario, R.C.V. Co- and adjacent channel interference performance of GSM in Rayleigh fading environment 36047

El-Salam, F.Abd *see* Abd El-Salam, F.

El-Samahy, A.A., Refaey, W.M. An artificial neural network scheme for reactive power and voltage control of power systems 19175

El-Samahy, A.E. *see* El-Rehim, N.A. 2291

El-Sawi, A.H. *see* Ali, I.A. 16029

El-Sawi, A.H. *see* Ali, I.A. 46833

El-Sayed, M.M., Sdeek, D., El-Gindy, O., Awad, M.M., El-Debeiky, S., Al-Tai, M.A. Breakdown characteristics of air gaps under sandstorms 19409

El-Sayed, Y.M. A second-law-based optimization. I. Methodology [complex energy systems] 29085

El-Sayed, Y.M. A second-law-based optimization. II. Application [complex energy systems] 29116

El-Sehely, E.A.B. *see* Hamad, A.M. 58426

El-Seoud, M.S.A. On the asymptotic convergence of a collocation method for some boundary integral equations of the first kind 40242

El-Serafi, A.M. *see* Faried, S.O. 60360

El-Shabat, I.A. *see* Soliman, F.A.S. 53669

El-Shahat, I.A., Soliman, F.A.S., Al-Kabbani, A.S.S., Farag, F.M. Optimization of microwave active filters based on cascaded composite GaAs FETs 53670

El-Shamoty, M.M.I. Analysis and experimental investigations of self-synchronized drives 20116

El-Sharawy, E.-B. *see* Elshafiey, T.F. 34127

El-Sharawy, E.-B. *see* Elshafiey, T.M.F. 21872

El-Sharawy, E.-B. *see* Ghouz, H.H.M. 21939

El-Sharawy, E.-B. *see* Kokotoff, D.M. 14548

El-Sharkawi, M.A. Neural networks' power 8840

El-Sharkawi, M.A. *see* Mansour, Y. 60313

El-Sharkawy, M.A. *see* Emarah, A.S. 19179

El-Sharkawy, R.M. *see* Sharaf, A.M. 19305

El-Sharkawy, R.M. *see* Sharaf, A.M. 19388

El-Shebiny, M.E. *see* Zein El Din, A.S. 9165

El-Shenawee, M. Effect of inhomogeneous dielectric layers on dispersion of microstrip lines using MoL 31468

El-Shenawee, M., Bahar, E. Like and cross polarized cross sections for two dimensional random rough surfaces: bistatic single and double scatter 8556

El-Shenawee, M., Bahar, E. Single and double like are cross polarized scatter from two dimensional random rough surfaces-high frequency approximations 34027

El-Sherbiny, M.A., Khanh, N.Q., Wormeester, H., Fried, M., Lohner, T., Pinter, I., Gyulai, J. Surface disorder production during plasma immersion implantation and high energy ion implantation 12650

El-Sherbiny, M.K., El-Saady, G., Ibrahim, E.A. Speed deviation driven adaptive neural network based power system stabilizer 60280

El-Sherbiny, M.K., Sharaf, A.M., El-Saady, G., Ibrahim, E.-N.A. An optimal, multivariable fuzzy logic PSS using pole placement approach 19220

El-Sherbiny, M.K., Sharaf, A.M., El-Saady, G., Ibrahim, E.A. Design of coordinated hybrid neuro-fuzzy state feedback power system stabilizer 19174

El-Sherbiny, M.K., Sharaf, A.M., El-Saady, G., Ibrahim, E.A. A novel fuzzy state feedback controller for power system stabilization 60288

El-Sherief, H. *see* Dougherty, J.J. 8229

El-Sherif, M.A., Radhakrishnan, J. Advanced composites with embedded fiber optic sensors for smart applications 48629
El-Sherif, M.A., Radhakrishnan, J., Jianming Yuan Development of embedded sapphire optical waveguides for intelligent ceramic composites 17424
El-Shibini, M., El-Metwally, M., Farag, M. Decomposed power network planning 19259
El-Shimi, A. *see* Tan, K.P.S. 22018
El-Shinnawy, M., Markus, M.L. The poverty of media richness theory: explaining people's choice of electronic mail vs. voice mail 57773
El-Shokrofy, K.M. *see* Sattar, A.A. 31863
El-Wailly, T. *see* Liu, R.-Y. 28695
El-Zaiat, S.Y. Measuring the thickness and refractive index of a thick transparent plate by an unexpanded laser beam 59043
El-Zaiat, S.Y. *see* El-Ghandoor, H. 11022
El-Zaiat, S.Y. *see* Medhat, M. 3358
El-Zaiat, S.Y. *see* Medhat, M. 43974
El-Zaiki, M.E. *see* El-Nicklawy, M.M. 14445
El-Zanfally, R.H. *see* Ashour, M. 58178
El-Zein, A. Electrically induced pressure under switching operation and mechanical tensile strength as a new measurement tool of cable aging 19338
Elaatmani, M. *see* Abalhassain, A. 43488
Elabdalla, A.M. *see* Ahmad, A. 21558
Elamaran, B., Pollard, R.D., Iezekiel, S. Characterisation of lightwave networks 16804
Elandaloussi, F. *see* Osten, W. 30358
Elandaloussi, H. *see* Juncar, P. 17182
Elango, P., Arkwright, J.W., Chu, P.L., Atkins, G.R. All-optical broadband photonic switching device using an ytterbium-doped fiber Mach-Zehnder interferometer 26451
Elango, P. *see* Arkwright, J.W. 24087
Elangovan, S. *see* Zhijun Gan 28946
Elarbi, R., Kato, S., Mizobe, K. Transient grounding impedance of electrode elements for grounding mat 60431
Elasser, A., Parthasarathy, V., Torrey, D.A. A study of the internal device dynamics of punch-through and nonpunch-through IGBTs under zero-current switching 21483
Elazar, J. *see* Nikolic, P.M. 54130
Elazar, J.M. *see* Matavulj, P.S. 23674
Elbanna, M. *see* Kamiel, Z. 61087
Elbaz, D. *see* Cesarsky, C.J. 36548
Elbers, J.-P. *see* Glingener, C. 6857
Elbers, J.-P. *see* Glingener, C. 44042
Elbers, J.-P. *see* Glingener, C. 58341
Elbert, H. *see* Hessenmuller, H. 58029
Elbuluk, M., Langovsky, N., Kankam, M.D. Design and implementation of a closed-loop observer and adaptive controller for induction motor drives 29716
Elbuluk, M. *see* Xiufeng Wang 38726
Elbuluk, M.E., Kankam, M.D. Potential starter/generator technologies for future aerospace applications 8269
Elchler, S. *see* Werner, P. 22532
Elchouemi, A. *see* Agrawal, A. 46651
Elckhoff, Th. *see* Winz, K. 39152
Eld, E. *see* Subbanna, S. 41161
Eld, E.C. *see* Sunderland, D.A. 22777
Eldada, L., Chengzeng Xu, Stengel, K.M.T., Shacklette, L.W., Nomood, R.A., Yardley, J.T. Low-loss high-thermal-stability polymer interconnects for low-cost high-performance massively parallel processing 55346
Eldada, L. *see* Norwood, R.A. 3390
Eldaou, M.K., Khajah, H.G. Iterated solutions of linear operator equations with the Tau method 40249
Eldefrawi, A.T. *see* Toppozada, A.R. 58859
Eldefrawi, M.E. *see* Toppozada, A.R. 58859
Eldeib, H. *see* Elsadek, H. 44768
Elder, D.J. The first generation in the development and testing of full-scale, electric gun-launched, hypervelocity projectiles 24396
Elder, R.L. *see* James, S.W. 36638
Elders, J. *see* Walsh, S.T. 54833
Elders, P.J.M. *see* Geraets, W.G.M. 49566
Elderstig, H. *see* Lindgren, S. 33542
Eldin, H.A.Nour *see* Nour Eldin, H.A.
Eldon, J.A. Video interface technology for wireless communications 27148
Eldredge, J. *see* Lee, X.Y. 38977
Eldredge, J.W. *see* Chiang, P.K. 37980
Eldridge, M.M. Performance-based regulation can benefit utilities [nuclear plants] 38566
Eldridge, T. *see* Vasileska, D. 12970
Eldridge, T. *see* Vasileska, D. 54284
Eldring, J. *see* Jung, E. 20910
Elefant, D. *see* Lucinski, T. 23352
Eleftheriades, G.V., Brand, Y., Zurcher, J.-F., Mosig, J.R. ALPSS: a millimetre-wave aperture-coupled patch antenna on a substrate lens 34264
Eleftheriades, G.V., Mosig, J.R., Guglielmi, M. A fast integral equation technique for shielded planar circuits defined on nonuniform meshes 11739
Eleftheriadis, A. *see* Fang, Y. 57262
Eleftheriadis, A. *see* Jae-Beom Lee 57264
Eleftheriadis, A. *see* Lee, J.-B. 56870
Eleftheriou, E., Hirt, W. Noise-predictive maximum-likelihood (NPML) detection for the magnetic recording channel 4660
Elek, V. *see* Chlamtac, I. 47999
Elenbogen, B. *see* Walsh, J.A. 16079
Elenbogen, L.P. *see* Sheen, D.R. 19021
Eleruja, M.A. *see* Osasona, O. 44193
Eles, P., Kuchcinski, K., Peng, Z. Synthesis of systems specified as interacting VHDL processes 40965
Eles, P., Kuchcinski, K., Zebo Peng, Doboli, A. Post-synthesis back-annotation of timing information in behavioral VHDL 31043
Eles, P., Zebo Peng, Kuchcinski, K., Doboli, A. Hardware/software partitioning with iterative improvement heuristics 1325
Elesin, V.F., Krasheninnikov, A.V. Kinetic theory of semiconductor cascade laser based on quantum wells and wires 55595
Eletskii, A.V., Sorokin, A.R. High-power Ar and Kr dimer emission excited by the plasma cathode pulsed discharge 13931
Elewa, H.A. *see* Saad, E.M. 1614
Elewa, T. *see* Cristoloveanu, S. 22459
Elewa, T. *see* Ionescu, A.M. 22452
Elfadel, I. *see* Miguel Silveira, L. 11101
Elfadel, I.M., Silveira, L.M., White, J. Stability criteria for Arnoldi-based model-order reduction 24951
Elfein, W. *see* Porte, H. 13623
Elflein, W. *see* Goedgebuer, J.P. 7647
Elflein, W. *see* Porte, H. 44078
Elford, W.G. *see* Cervera, M.A. 58515
Elford, W.G. *see* Taylor, A.D. 48203
Elford, W.G. *see* Valentic, T.A. 18854
Elfving, T. *see* Andersson, L.-E. 30610
Elgaid, K. *see* Thayne, I. 53649
Elgar, S. *see* Chandran, V. 57181
Elger, C.E. *see* Dumpelmann, M. 18465
Elgered, G. *see* Rubinos-Lopez, J.O. 36299
Elgetun, B. *see* Holm, S. 28112
Elgh, R., Jonsson, L., Lundqvist, K. Modern and future telecom networks: discussion of demands on batteries and battery demands for safe operation 51469
Elghazzawi, Z., Geheb, F. A knowledge-based system for arrhythmia detection 49638
Elgrichi, Y., Zeheb, E. Stability of multichannel sound control systems 56427
Elhakeem, A.K. *see* Bdira, I.B. 46662
Elhalafawy, S.M. *see* Bahnacy, A.I. 34245
Elhami, M.R., Brookfield, D.J. Identification of Coulomb and viscous friction in robot drives: an experimental comparison of methods 51682
Elhami, M.R., Brookfield, D.J. Sequential identification of Coulomb and viscous friction in robot drives 61150
Elhamri, S., Ahoujja, M., Newrock, R.S., Mast, D.B., Herbert, S.T., Mitchel, W.C., Razeghi, M. Electrical properties of undoped $Ga_xIn_{1-x}P/GaAs$ quantum wells 2213
Elhamri, S. *see* Ahoujja, M. 31943
Elhouichel, H. *see* Bessais, B. 12207
Elia, C., Colzi, E. Skyplex: distributed up-link for digital television via satellite 17023
Elia, M. *see* Interlando, J.C. 56328
Elia, V. *see* Andryakov, A. 37226
Eliadis, E.D., Nuzzo, R.G., Gewirth, A.A., Alkire, R.C. Copper deposition in the presence of surface-confined additives 40511
Elias, A., Strojwas, A.J., Maly, W.P., Nurani, R. Accurate prediction of "kill ratios" based on KLA defect inspection and critical area analysis 39890
Elias, E.D., Pattipati, K.R. A statistical foundation for the use of the conjugate gradient method in deconvolution 45793
Elias, J.G., Northmore, D.P.M. VLSI neuromorphs: building blocks for neural circuits 13081
Elias, J.G., Northmore, D.P.M., Westerman, W. An analog memory circuit for spiking silicon neurons 31418
Elias, P.J.H., van der Meijs, N.P. Efficient moments extraction of large inductively coupled interconnection networks 11049
Elias, R.J. Statistical process control for semiconductor metrology systems 13076
Elias, R.J., Ma, G.C., Golonka, L.S. Statistical optimization of high frequency LDMOS devices via hyper-fractionated experimental designs 22853
Eliassen, F., Nicol, J.R. A flexible type checking model for stream interface binding 6197
Elicson, G.T., Khalil, Y.F. Application of MAAP 4.0.2 and MAAP4-DOSE to develop revised accident source terms for Millstone Unit 1 19459
Elie, L.D. *see* Ginder, J.M. 985
Elie, S. Equipment validation test methodology 158
Elies, P., Le Jeune, B., Marie, J.-P., Cariou, J., Lotrian, J. Surface rugosity and polarimetric analysis 7585
Eliezer, Z. *see* Persad, C. 24411
Eliezer, Z. *see* Persad, C. 33875
Eliiott, J.P., Snook, M.W.G., Underwood, I., Walton, A.J., Vass, D.G. Visualization, extraction and simulation of smart pixel circuits in three dimensions 33341
Elings, V. *see* Walters, D.A. 2857
Elisabelar, C., Jarry, L. A 1 kW high performance converter for 120 V bus regulation 51366
Eliseev, P.G., Perlin, P., Furioli, J., Sartori, P., Jian Mu, Oskinski, M. Tunneling current and electroluminescence in InGaN:Zn,Si/AlGaN/GaN blue light emitting diodes 55462
Eliseev, P.G., Smagley, V.A., Osinski, M. Analysis of radiative recombination and optical gain in gallium nitride-based heterostructures 24009
Eliseev, P.G., Smagley, V.G., Osinski, M. Threshold current density in optimized UV diode lasers based on gallium nitride 33492
Eliseev, P.G. *see* Akimova, I.V. 23891
Eliseev, P.G. *see* Osinski, M. 33308
Eliseev, P.G. *see* Zeller, J. 13886
Elison, B. *see* Zhou, T. 278
Elissa, L. *see* Talaat, H. 2117
Elissa, M.G., Rooke, S.P. Axially lumped versus axially distributed modeling of liquid-to-gas crossflow heat exchanger transients 621
Elissalde, C., Cross, L.E., Randall, C.A. Structural-property relations in a reduced and internally biased oxide wafer (RAINBOW) actuator material 55007
Elissalde, C. *see* Abalhassain, A. 43488
Elistratov, N.G., Titov, K.A., Zimin, A.M. Investigation of low pressure discharge generated by magnetron plasma device 23215
Eliyahu, D., Salvatore, R.A., Yariv, A. Effect of noise on the power spectrum of passively mode-locked lasers 33472
Elizarov, A.A. Features of the construction of radio-wave measuring transducers based on slow-wave structures and their matching with secondary apparatus 17277
Elizarov, A.I. *see* Didkovskii, L.V. 43590
Elizarov, V.A. *see* Bashirov, R.I. 54122
Elizavetin, I.V., Ksenofontov, E.A. The results of investigation of the Antarctic scene by SAR "ALMAZ-1" using interferometric processing 18815
Elk, M. Numerical studies of the mesomaser 13909
Elkaim, G.H. *see* O'Connor, M.L. 17002
Elkaim, P. *see* Lusson, L. 42000
Elkamchouchi, H.M., Elrakaiby, M. Solution of the three-dimensional corner reflector antenna problems using the method of moments 56158
Elkamchouchi, H.M., Motawea, A.M.F. Smith chart based analytical design of lumped transistor amplifiers 53608
Elkazal, M.B., Pardoe, B.H. (ATM) switch implementing optimum arbitration algorithm 35407
Elkenbracht-Huizing, R.M. *see* Cowie, J. 14799
Elkjaer, A. *see* Blaabjerg, F. 38847
Elko, G.W. Microphone array systems for hands-free telecommunication 24857
Elkonin, B.V. Liquid nitrogen sample cooling 44995
Elkouh, A.F. *see* Nigro, N.J. 11876
Elkouh, A.F. *see* Nigro, N.J. 30247
Ellacott, K.D., Stone, K.P. A practical test method for DC-DC converter qualification 9324
Elleaume, P. *see* Chavanne, J. 7724
Ellec, C. *see* Wells, G.T. 53857
Elleithy, K.M., Aref, M.A. Verification strategy in PROVER 52961
Ellers, C. Advanced electrofuel-batteries plus for electric vehicles 39301
Elliman, R.G., Wong, W.C. Kinetic roughening and smoothing of the crystalline-amorphous interface during solid phase epitaxial crystallization of GeSi alloy layers 734
Ellimer, K., Wendt, R., Cebulla, R. ZnO/ZnO:Al window and contact layer for thin film solar cells: high rate deposition by simultaneous RF and DC magnetron sputtering 39093
Elling, J. *see* Ling, Y.K. 35954
Ellinger, S. *see* Biolsi, P. 12797
Ellinger, S. *see* Biolsi, P. 32230
Ellingham, C. *see* Beausang, J. 31166
Ellingsberg, K. *see* Ronnqvist, C. 59367
Ellingson, S.W. *see* Kennedy, J.P. 47599
Ellingwood, B.R. *see* Naus, D.J. 29031
Elliot, D. *see* Pandey, S.U. 37293
Eliot, M. *see* Wei Zhang 13414
Elliott, B. *see* Joyce, J. 36116
Elliott, C. New maintenance program improves steam trap performance [in nuclear power plants] 38472
Elliott, C.R., Stephenson, J.M., McClelland, M.L. Advances in switched reluctance drive system dynamic simulation 61160
Elliott, C.R., Stephenson, J.M., Turner, M.J. High performance control of phase current in the switched reluctance motor 60696
Elliott, C.T. Advanced heterostructures for $In_{1-x}Al_xSb$ and $Hg_{1-x}Cd_xTe$ detectors and emitters 36557
Elliott, C.T., Gordon, N.T., Hall, R.S., Phillips, T.J., White, A.M., Jones, C.L., Maxey, C.D., Metcalfe, N.E. Recent results on metalorganic vapor phase epitaxially grown HgCdTe heterostructure devices 698
Elliott, C.T., Gordon, N.T., Phillips, T.J., Steen, H., White, A.M., Wilson, D.J., Jones, C.L., Maxey, C.D., Metcalfe, N.E. Minimally cooled heterojunction laser heterodyne detectors in metalorganic vapor phase epitaxially grown $Hg_{1-x}Cd_xTe$ 7320
Elliott, C.T. *see* Ashley, T. 3905
Elliott, C.T. *see* Ashley, T. 44434
Elliott, C.T. *see* Maxley, C.D. 700
Elliott, D., Snelgrove, M., Cojocaru, C., Stumm, M. Computing RAMs for media processing 41240
Elliott, D.A. *see* Starr, A.F. 59880
Elliott, D.F. *see* Webb, D.L. 7431
Elliott, G. *see* Bredemann, M. 4814
Elliott, J. *see* Dickens, J.C. 54887

Elliott, J.P., Fallon, M., Walton, A.J., Stevenson, J.T.M., O'Hara, A., Gundlach, A.M. An electrical test structure for the measurement of planarization 54745
Elliott, J.P. *see* Walton, A.J. 54774
Elliott, M.R., Thrush, A.J. Measurement of resolution in intravascular ultrasound images 37727
Elliott, R.J. *see* Dufour, F. 45826
Elliott, R.J. *see* Kent, M. 6658
Elliott, S.J. *see* Omoto, A. 15246
Elliott, S.J. *see* Rafaely, B. 36352
Elliott, S.R. *see* Kawaguchi, T. 12303
Elliott, T.C. Hand-held and portable instruments 17595
Ellis, A., Wildman, P., O'Reilly, M. Migrating from paper-based course materials to interactive, Web-based, multimedia courseware 26209
Ellis, A.D. *see* Loh, W.H. 44394
Ellis, A.D. *see* Lucek, J.K. 26777
Ellis, C.D. *see* Czarnowski, J.M. 22098
Ellis, C.D. *see* Wentworth, S.M. 41386
Ellis, D.S. *see* Webb, A.G. 28419
Ellis, J. *see* Wohlgemuth, J.H. 39157
Ellis, K. *see* Ammons, J.C. 52170
Ellis, K.A., Carr, E.C., Buhrman, R.A. Structure and growth of N_2O gate oxynitrides 42614
Ellis, M.E. *see* LaBranche, M.H. 61294
Ellis, M.S., Ambrose, B.D., Randall, R.E. Sub-Maroon: a student experience in submarine design and racing 39959
Ellis, N. *see* Marsh, D. 35757
Ellis, N. *see* Watanabe, Y. 10133
Ellis, N., Neubert, M. *(editors)* 1995 European School of High Energy Physics Proceedings (CERN 96-04) 30026
Ellis, P. *see* Clarencon, D. 37827
Ellis, R.B., Capstick, M.H. Feedback control of a linearised Mach-Zehnder modulator for SCM applications 16805
Ellis, R.G. *see* Rossmann, W.C. 51652
Ellis, R.J.G. The Television Transmission Division of Pye 58545
Ellis, S. *see* Moseley, H. 8190
Ellis, S.R., Breant, F., Manges, B., Jacoby, R., Adelstein, B.D. Factors influencing operator interaction with virtual objects viewed via head-mounted see-through displays: viewing conditions and rendering latency 48780
Ellis, S.R., Breant, F., Menges, B., Jacoby, R., Adelstein, B.D. Viewing difficulties with head-mounted aids for mechanical assembly using nearby virtual objects 17620
Ellis, T.J., Rebeiz, G.M. Improvements in tapered slot antennas on thick dielectric substrates using micromachining techniques 34382
Ellis, T.J., Rebeiz, G.M. Integration of tapered slot antennas on MMIC substrates through dielectric micromachining 45424
Ellis, T.J. *see* Gooch, R.M. 27177
Ellis, W.S., Eisenberg, S.J., Auslander, D.M., Dae, M.W., Zakhor, A., Lesh, M.D. Deconvolution of electrograms to detect infarcted myocardium 18476
Ellis-Monaghan, J.J. *see* Bernstein, K. 11478
Ellison, J.A. *see* Murphy, C.T. 49262
Ellison, M. *see* Chu, C.M. 37038
Ellison, M.J. *see* Nagaitsev, S.S. 59172
Ellison, T., Fatalski, L., Kopf, R., Ovshinsky, H., Izu, M., Souleyrette, R., Whelan, K., Ovshinsky, S.R., Wiehagen, J., Zarker, L. PV metal roofing module 51591
Ellison, T.J.P. *see* Nagaitsev, S.S. 59172
Elliston, W. *see* Swift, M. 25229
Ellithorpe, J.D. *see* Katz, C.A. 58518
Ellithy, K.A., Al-Alawi, S.M. Tuning a static VAr compensator controller over a wide range of load models using an artificial neural network 60277
Ellmer, K., Diesner, K., Wendt, R., Fiechter, S. Relations between texture and electrical parameters of thin polycrystalline zinc oxide films 10916
Ellmer, K. *see* Thomas, B. 54132
Elloumi, O. *see* Afifi, H. 5880
Ellrodt, M., Kuehn, M. Investigations of the cathode spot dynamics in a vacuum arc coating process 40632
Ellsen, R. *see* Steinvall, O. 8499
Ellsworth, M. *see* Perfecto, E.D. 301
Ellsworth, M.J., Jr., Hamel, H., Perfecto, E.D., Wassick, T. A high density, high performance MCM-D/C package: a design, electrical, and process perspective 206
Ellul, J.P. *see* Boyd, J.M. 12765
Elmaghraby, A.S. *see* El-Refai, M.Y. 26267
Elmaliah, N. *see* Eran, Y. 20965
Elman, H.C. *see* Naiman, A.E. 52540
Elman, U., Kroll, S. Statistical modeling and theoretical analysis of the influence of laser phase fluctuations on photon echo data erasure and stimulated photon echoes 3338
Elmas, C., Bay, O.F. Modelling and operation of a nonlinear switched reluctance motor drive based on fuzzy logic 61147
Elmasri, A., Malleus, P., Zanne, C., Aubry, J.F. Design and implementation of the control of a cycloconverter supplying an induction machine 9343
Elmasri, A., Malleus, P., Zanne, C., Aubry, J.F. Digital control cycloconvertor system implementation specification of the synchronization problem 60907
Elmasry, M.I. *see* Elrabaa, M.S. 41280
Elmasry, M.I. *see* Farag, E.N. 25392
Elmasry, M.I. *see* Itoh, K. 1401
Elmasry, M.I. *see* Shams, M. 11275
Elmasry, M.I. *see* Zhang, D. 1658
Elmasry, M.I. *see* Zhang, D. 31443
El.Masry, N.A. *see* Johnson, M.A.L. 30834
Elmazria, O., Hoffmann, A., Lepley, B., Charles, J.-P., Adams, L. Simulation of electrons irradiation damages to optimize the performance of IGBT 32415
Elmer, P. *see* Baticnani, G. 7810
Elmer, P. *see* Batignani, G. 7811
Elmer, P.M., Formesyn, B.C.H. Studio connectivity techniques: real or unreal time? 36327
Elmer, R. *see* Berg, M. 37259
Elmfors, P., Lautrup, B., Skagerstam, B. Dynamics, correlations, and phases of the micromaser 33350
Elmi, N., Radmanesh, M. Design of low noise, highly stable GaAs dielectric resonator oscillators 31514
Elmiger, J.R., Kunst, M. Investigation of the silicon-plasma silicon nitride interface with in situ transient photoconductivity measurements 2268
Elmirghani, J.M.H., Chan, H.H., Cryan, R.A. Sensitivity evaluation of optical wireless PPM systems utilising PIN-BJT receivers 16810
Elmirghani, J.M.H., Cryan, R.A. Timing synchronisation for optical wireless PPM systems 26772
Elmirghani, J.M.H. *see* Chan, H.H. 6838
Elmirghani, J.M.H. *see* Chan, H.H. 26843
Elmirghani, J.M.H. *see* Hussain, A. 6766
Elmirghani, J.M.H. *see* Hussain, A. 26844
Elmoataz, A. *see* Angot, F. 46024
Elmore, D.F. *see* Kopp, G.A. 33143
Elmoursi, A. *see* Reass, W.A. 51256
Elmoursi, A.A. *see* Nastasi, M. 10885
Elmquist, R.E., Dziuba, R.F. Loading effects in resistance scaling 27268
Elmquist, R.E. *see* Jeffery, A. 17147
Elmqvist, H. *see* Dale, S. 59466
Elms, D. A unique approach to powering HFC networks that combines high reliability with low maintenance costs 50338
Elms, D., Woynar, A. A power punch for HFC 6435
Elmura, T. *see* Yatsuda, H. 13405
Elnagar, G.N. State-control spectral Chebyshev parameterization for linearly constrained quadratic optimal control problems 40162
Elnagar, G.N., Kazemi, M. Chebyshev spectral solution of nonlinear Volterra-Hammerstein integral equations 10456
Elnaggar, A., Alnuweiri, H.M., Ito, M.R. Embedding large multidimensional DSP computations in reconfigurable logic 41000
Elnour, A.Abou *see* Abou Elnour, A.
Elnozahy, E.N., Ratan, V., Segal, M.E. Experiences using DCE and CORBA to build tools for creating highly-available distributed systems 6079
Elokhin, A.P., Kononov, E.N. Application of radar stations for detecting radioactive emissions at nuclear power plants 8520
Eloot, K., De Paepe, A., Dilewijns, J., Standaert, C. Relation between magnetic properties and changes in dislocation and cell structure due to cold deformation 3231
Eloot, K. *see* de Paepe, A. 23328
Eloot, K. *see* Standaert, C. 23386
Elosegui, P. *see* Jaldehag, R.T.K. 8351
Elovaara, I. *see* Dastidar, P. 28283
Elowitz, E.H. *see* Wielopolski, L. 8121
Elp, J.Van *see* Van Elp, J.
Elrabaa, M.S., Elmasry, M.I., Malhi, D.S. Low-power BiCMOS circuits for high-speed interchip communication 41280
Elrakaiby, M. *see* Elkamchouchi, H.M. 56158
Elrefaie, A.F. *see* Park, J. 16705
Elrefaie, A.F. *see* Park, J. 26877
Elsaadany, A., Singhal, M., Liu, M.T. Performance study of buffering within switches in local area networks 47197
Elsadek, H., Eldeib, H., Horikoshi, J., Yabe, T. An efficient technique for constructing a microwave hologram with the use of a microstrip array antenna and the retrieval of the digital form 44768
Elsaesser, C. *see* Musman, S.A. 56509
Elsaesser, T. *see* Ashworth, S.H. 33665
Elsaesser, T. *see* Puchert, R. 3852
Elsaesser, T. *see* Tomm, J.W. 44443
Elsaesser, T. *see* Voss, M. 23989
Elsasser, M., Hense, S.G., Wegener, M. Sub-picosecond switch-off and switch-on of a semiconductor laser due to transient hot carrier effects 33518
Elsasser, W. *see* Miltenyi, P. 44460
Elsasser, W. *see* Vey, J.-L. 55765
Elsayed, E.A., Hongzhou Wang Bayes and classical estimation of environmental factors for the binomial distribution 30393
Elsayed, K.M. *see* Perros, H.G. 5761
Elschner, J., Stephan, E.P. A discrete collocation method for Symm's integral equation on curves with corners 547
Elsebelgy, B.H. *see* Gerwe, D.R. 5216
Elsener, K., Fidecaro, G., Gyr, M., Herr, W., Klem, J., Mikkelsen, U., Mller, S.P., Uggerhj, E., Vuagnin, G., Weisse, E. Proton extraction from the CERN SPS using bent silicon crystals 49261
Elshabini-Riad, A. *see* Barlow, F.D. 53017
Elshabini-Riad, A. *see* Riad, S. 12045
Elshabini-Riad, A. *see* Riad, S.M. 53643
Elshafiey, T.F., Aberle, J.T., El-Sharawy, E.-B. Green's function formulation for multilayer normally biased ferrite structures using the transmission matrix approach 34127
Elshafiey, T.M.F., Aberle, J.T., El-Sharawy, E.-B. Full wave analysis of edge-guided mode microstrip isolator 21872
Elshaikh, H.A. Transport properties of $TlInSe_2$ single crystals 22279
Elshazly-Zaghloul, M., El-Gambeihy, H.H. Performance of non-homogenous insulating oil mixtures under dc conditions 23242
Elsherbeni, A. *see* Kajfez, D. 31477
Elsherbeni, A.Z., Ying, Y., Smith, C.E., Rodriguez-Pereyra, V. Finite difference analysis of cylindrical two conductor microstrip transmission line with truncated dielectrics 1685
Elsherbeni, A.Z. *see* Dai, S. 34154
Elsherbiny, M.M. *see* Chow, Y.L. 38921
Elshof, J.E.ten *see* ten Elshof, J.E.
El'skaya, A.V. *see* Sergeyeva, T.A. 17567
Elsmore, C., Hurd, T.Q., Clarke, J., Meuris, M., Mertens, P.W., Heyns, M.M. Comparison of HCl gas-phase cleaning with conventional and dilute wet chemistries 42464
Elsner, A. *see* Giannone, L. 35201
Elsner, N. *see* Ghamaty, S. 32047
Elsner, N. *see* Ring, P.J. 20087
Elsner, N.B. *see* Leavitt, F.A. 39248
Elsner, R.F. *see* Gunji, S. 59358
Elson, J. *see* Sarantites, D.G. 37271
Elson, J.S. *see* Buksa, J.J. 7759
Elspass, W.J., Kunzmann, J. Design, manufacturing and verification of laminates with embedded SMA actuators 964
Elster, C., Gross, H., Richter, D. Gaining information from measurement data 58667
Elster, J.L., Tran, T.A., Barnes, A.E., Coate, J., Gunther, M.F., May, R.G., Claus, R.O. High-temperature fiber optic strain sensors in fatigue loading conditions 7386
Elstgeest, S. *see* Oldenkamp, H. 38877
Elstner, L. *see* Muller, P. 39032
Elston, S.J. *see* Pabla, D.S. 55330
Elston, S.J. *see* Ulrich, D.C. 44094
Elston, S.J. *see* Ulrich, D.C. 55318
Elton, R.C., Grun, J., Burkhalter, P.G., Burris, H.R., Ripin, B.H., Newman, D.A., Millard, J.R., Bey, D.-M., Manka, C.K., Konnert, J. Time-resolved measurements of X-ray damage to optical coatings 33199
Elvidge, A. *see* Ackerley, R. 47304
Elvira, J.M. *see* Villarrubia, L. 15033
Elwakil, A.S., Soliman, A.M. Chaos from a family of minimum-component oscillators 53067
Elwakil, A.S., Soliman, A.M. Chaos from two modified oscillator configurations using a current feedback op amp 53068
Elwan, H.O., Mahmoud, S.A., Soliman, A.M. CMOS voltage controlled floating resistor 11561
Elwasif, W.R., Fausett, L.V. Complex valued neural networks for the solution of the two-spiral problem 15231
Elwell, R. *see* Schofield, G.L. 51273
Elwenspoek, M. The form of etch rate minima in wet chemical anisotropic etching of silicon 22574
Elwenspoek, M. *see* de Bree, H.-E. 13166
Elwenspoek, M. *see* Jansen, H. 42495
Elwenspoek, M. *see* Popescu, D.S. 43404
Elwenspoek, M. *see* Tas, N. 23035
Elwenspoek, M. *see* van Rijn, C. 43388
Elwood-Smith, M. Developments in RF amplifiers to meet the needs of network operators 26689
Elwood-Smith, M. Is your network ready for the future? 48233
Ely, R. *see* Antos, J. 37373
Elze, H. *see* Lemke, E. 8910
Ema, S. Surge analysis of the MAGLEV coil for propulsion and guidance 61241
Ema, T. *see* Itoh, K. 22684
Ema, T. *see* Yamashita, H. 22703
Ema, T. *see* Yamashita, H. 32261
Emami-Naeni, A. *see* Banerjee, S. 22491
Emanuel, A. *see* Robert, A. 8733
Emanuel, A.E. The oscillatory nature of the power in single- and polyphase circuits 28755
Emanuel, A.E., Peretto, L. The response of fluorescent lamp with magnetic ballast to voltage distortion 39399
Emanuel, A.E. *see* Kawann, C. 19101
Emanuel, A.E. *see* Peretto, L. 39398
Emanuel, A.W.R. *see* Binjrajka, V. 3474
Emanuel, A.W.R. *see* Binjrajka, V. 3489
Emanuel, M.A. *see* Beach, R.J. 14080
Emanuel, M.A. *see* Kopf, D. 23875
Emanuel, M.A. *see* Kopf, D. 33449
Emanuel, M.A. *see* Marshall, C.D. 14083
Emarah, A.S., El-Sharkawy, M.A., Migalia, G.R., Yassin, I., Swidan, M.A. Theoretical analysis of steady-state performance of unsymmetrically operated AC/DC interconnector 19179
Embabi, S.H.K. *see* Fan You 11196
Embacher, M. Microcontroller type COP 888B with multiple I/O 1468

Embong, A. In support of an alternative model of two-dimensional line drawing interpretations of partially occluded patterns 14850
Embong, A.b. A critical review on human perceptual preference 4938
Embrechts, M.J., Harsson, L.-E., Kraft, R.P., Millard, D.L., Sankaran, V. Preprocessing for the inspection of printed wiring boards with neural nets 11914
Embrechts, M.J. *see* Kalukin, A.R. 20976
Embrechts, M.J. *see* Sankaran, V. 10187
Embrechts, M.J. *see* Sankaran, V. 53808
Embury, J.D. *see* Wood, J.T. 40662
Emche, S.D. *see* Toppozada, A.R. 58859
Emde, M.von der *see* von der Emde, M.
Emdin, M. *see* Jager, F. 49624
Emdin, M. *see* Pola, S. 37592
Emdin, M. *see* Taddei, A. 49474
Emdin, M. *see* Varanini, M. 49389
Emeksuzyan, V.M., Kamaev, G.N., Feofanov, G.N., Bolotov, V.V. Fabrication of blocked impurity-band structures on gallium-doped silicon by plasma hydrogenation 54014
Emeleus, C.J., Sadeghzadeh, A.M.A., Phillips, P.J., Parker, E.H.C., Whall, T.E., Pepper, M., Evans, A.G.R. Back gating of a two-dimensional hole gas in a SiGe quantum well 42225
Emeleus, C.J. *see* Kashirin, V.Yu. 12202
Emeleus, C.J. *see* Paula, D.J. 2139
Emelianov, V.V., Sogoyan, A.V., Meshurov, O.V., Ulimov, V.N., Pershenkov, V.S. Modeling the field and thermal dependence of radiation-induced charge annealing in MOS devices 22843
Emel'yanchik, I.F. *see* Raspereza, A.V. 41805
Emelyanov, A. *see* Shandaro, S. 24142
Emelyanov, A.A. The estimation of cathode surface field-emission parameters from the experiments on vacuum breakdown delay time 22118
Emelyanov, A.A. Liquidation of the emission centers on film cathode by high-voltage pulses in vacuum 22185
Emelyanov, A.A. Breakdown strength of a microchannel plate for pulses of nanosecond duration 36701
Emelyanov, A.A. High-voltage nanosecond conditioning of the microchannel plate-screen vacuum gap 36702
Emel'yanov, B.A. *see* Zorin, G.N. 37482
Emelyanov, V.V. *see* Shvetzov-Shilovsky, I.N. 22997
Emer, J. *see* Adiletta, M. 47466
Emerald, P., Gilbert, J. Digital Hall effect transducer ICs provide unique capabilities in motion systems 48900
Emeraud, T. *see* Schmitt, J. 13723
Emerling, M., Parrish, P., Hansford, W., Peitier, J. Design and fabrication of a high speed multichip module 7100
Emerson, D.T. *see* Davidson, A.C. 58752
Emerson, J.A. *see* Sweet, J.N. 335
Emerson, K. Asynchronous design–an interesting alternative 53095
Emert, R. *see* Cifrek, M. 37600
Emery, C.D. *see* Goldberg, R.L. 59416
Emery, C.D. *see* Smith, S.W. 18369
Emery, C.L. *see* Hill, D.L.G. 18400
Emery, D. *see* Cvetkovic, S.R. 59818
Emery, F.T., Weddleton, R.F. Latest advances associated with the insulation systems of high voltage stator coils 9175
Emery, F.T. *see* Johnson, D.C. 9174
Emery, F.T. *see* Schoch, K.F., Jr. 9173
Emery, J.D. *see* Textoris, A.T. 28719
Emery, J.Y. *see* Bachmann, M. 6715
Emery, K., Burdick, J., Caiyem, Y., Dunlavy, D., Field, H., Kroposki, B., Moriarty, T., Ottoson, L., Rummel, S., Strand, T., Wanlass, M.W. Temperature dependence of photovoltaic cells, modules and systems 39169
Emery, K. *see* Green, M.A. 20028
Emery, K. *see* Green, M.A. 51605
Emery, K. *see* Kroposki, B. 39177
Emery, K. *see* Osterwald, C.R. 39167
Emery, K. *see* Rohatgi, A. 39053
Emery, L. *see* Williams, L. 60152
Emery, L.L. *see* Peck, D.J. 8029
Emery, M.S., Frank, S.S., Britton, C.L., Jr., Wintenberg, A.L., Simpson, M.L., Ericson, M.N., Young, G.R., Clonts, L.G., Allen, M.D. A multichannel ADC for use in the PHENIX detector 59331
Emery, M.S. *see* Arai, Y. 37267
Emery, M.S. *see* Arai, Y. 37268
Emery, M.S. *see* Britton, C.L., Jr. 59321
Emery, M.S. *see* Crutcher, R.I. 58213
Emery, W.J. *see* Braswell, B.H. 18951
Emes, J. *see* DeWitt, J. 59243
Emes, J. *see* Itoh, K.M. 1991
Emes, J. *see* Shutt, T. 37472
Emeterio, J.L.San *see* San Emeterio, J.L.
Emets, V., Porochovsky, V. An iterative regularization method in inverse obstacle scattering 45093
Emfietzoglou, D. *see* Moscovitch, M. 32991
Emge, S., Bennett, S., Dyott, R., Brunner, J., Allen, D. Reduced minimum configuration fiber optic gyro for land navigation applications 27614
Emge, S., Bennett, S., Dyott, R., Brunner, J., Allen, D. Reduced minimum configuration fiber optic gyro for land navigation applications 58786
Emge, S.R. *see* Bennett, S. 27638
Emi, K., Tsukamoto, T., Hirano, H., Mamada, H., Sakai, Y., Uno, S., Itami, S., Kajikawa, R., Nitoh, O., Ohishi, N., Sugiyama, A., Suzuki, S., Takahashi, K., Tamagawa, Y., Tomoto, M., Yamaki, T. Study of a dE/dx measurement and the gas-gain saturation by a prototype drift chamber for the BELLE-CDC 7794
Emig, H. *see* Spadtke, P. 37204
Emig, T. Propagation of an electromagnetic pulse through a waveguide with a barrier: a time domain solution within classical electrodynamics 24514
Emiliani, G. *see* Piegari, A. 3923
Emiliani, P.L. Universal access to terminals and computer systems 18547
Emma, P. *see* Decker, F.-J. 37121
Emma, P. *see* Tang, H. 49299
Emmerson, B. Hand-helds get GSM connection 41198
Emmerson, B., Greethan, D. The surging CTI tide 5999
Emmerson, G.T. *see* Zahlan, N. 10954
Emmet, W. *see* Abe, K. 59233
Emmett, A. The wider the better [wideband CDMA] 57982
Emmett, A. At the main gate: powering the full service network 58025
Emmett, A. *see* Knott, A. 16661
Emmons, D.A. *see* Cash, P.E. 13320
Emmons, D.A. *see* Cash, P.E. 32754
Emo, S. *see* Norwood, R.A. 3390
Emonts, B. *see* Hohlein, B. 20179
Emori, F. *see* Ono, F. 31502
Emori, F. *see* Ono, F. 58160
Emori, M. *see* Watanabe, M. 51496
Emori, Y., Mizumoto, T., Naito, Y. Design of wavelength-flattened coupler using a novel diagram 13661
Emplit, P. *see* Badolo, M. 23494
Emplit, P. *see* Foursa, D. 44384
Emstad, P.J. *see* Folkestad, A. 26328
Emstad, P.J. *see* Folkestad, A. 47270
Emtestam, L. *see* Nicander, I. 49712
Emtsev, V.V. *see* Astrova, E.V. 44220
Emura, K. *see* Tanabe, A. 6771
Emura, M. *see* de Julian, C. 23289
Emura, S., Tachi, S. Real-time measurement of human head motion based on multi sensor integration 15447
Emura, T. *see* Arai, Y. 37267
Emura, T. *see* Arai, Y. 37268
Emura, T. *see* Yamashita, H. 7215
En, W., Linder, B.P., Cheung, N.W. Plasma immersion ion implantation reactor design considerations for oxide charging 2326
En, W.G., Cheung, N.W. Modeling and experiments of waveform effects on oxide charging in plasma immersion ion implantation [MOS ICs] 32146
En Sup Yoon *see* Kyung Joo Mo 30384
En-Chung Yang *see* Shyh-Jye Jou 21588
En-Shun Jin *see* Jin En-Shun
En-Suk Kim *see* Seoung-Jun Oh 57058
En-Yea Pan *see* Hon-Fai Yau 24205
En-Yea Pen *see* Hon-Fai Yau 14357
Enache, I. *see* Badila, M. 43252
Enache, V. *see* Vanca, V. 21217
Enache, V. *see* Vanca, V. 21218
Enache, V. *see* Vanca, V. 41896
Enachescu, M. *see* Hartmann, E. 12444
Enami, K. *see* Kim, Y.-B. 17057
Enami, T. *see* Kourogi, M. 13695
Enard, A. *see* Jasmin, S. 58355
Enbutsu, K., Okamoto, A., Sato, K., Takayama, Y. Calculation and experiment on diffraction efficiency of pulse beam operating four-wave mixing in photorefractive crystal 24242
Enbutsu, K. *see* Dohata, M. 3989
Encarnacao, J. *see* Handels, H. 37933
Encarnacao, J.L., Fruhauf, M., Kirste, T. Mobile visualization: challenges and solution concepts 26241
Encarnacion, M.J. Black-box polynomial resultants 40156
Encinas, A. *see* Sussiau, M. 43654
Encinas-Sanz, F. *see* Martinez, C. 55773
Enckevort, W.J.P.van *see* van Enckevort, W.J.P.
Ende, J. *see* Ashauer, M. 43224
Endelema, D. *see* Janchen, H. 7638
Enden, G.van den *see* van den Enden, G.
Ender, J.H.G. The airborne experimental multichannel SAR-system AER-II 16912
Ender, J.H.G. Detection and estimation of moving target signals by multi-channel SAR 26957
Enderlein, J. *see* Legendre, B.L., Jr. 7924
Enderlein, R. *see* Teles, L.K. 2014
Enders, A. Re-evaluation of error terms for meaningful and practicable antenna and EMC calibration 24498
Enders, A. Real performance of semi-anechoic chambers depending on absorber technology 45243
Enders, B. *see* Horino, Y. 37188
Enders, P. *see* Klehr, A. 23933
Enders, R. *see* Becker, B. 40812
Enders, T., Denk, V. Estimation of taste component concentrations in a batch fermentation process 34753
Endersz, G.G., Zamparo, R. Key management and the security of management in open systems: The SAMSON prototype 6168
Endert, H. Excimer lasers as tools for material processing in manufacturing 23759
Endisch, D. *see* Osten, H.J. 22280
Endo, A., Ihara, M., Komiyama, H., Yamada, K. Cathodic reaction mechanism for dense Sr-doped lanthanum manganite electrodes [SOFC] 29619
Endo, A., Okamura, K., Kakizaki, K., Takagi, S., Kaneko, E. All-solid-state exciter for high-power, high-repetition-rate excimer laser 44607
Endo, A. *see* Iye, Y. 12466
Endo, A. *see* Yorozu, M. 7670
Endo, F., Okamura, K., Takagi, S., Kaneko, E. Development of all solid state exciter for high repetition rate excimer laser 13949
Endo, F. *see* Hasegawa, T. 38894
Endo, F. *see* Yoshida, Y. 9429
Endo, H., Kizuka, T., Masuda, T., Takeda, T., Kumagai, T., Kobayakawa, T., Morabito, M. Simultaneous estimation of motor and sensory activities during a finger movement 59470
Endo, H. *see* Byeungsoo Cheun 36708
Endo, H. *see* Takiya, T. 27991
Endo, H. *see* Ueki, Y. 28841
Endo, J. *see* Shigeta, Y. 10768
Endo, K., Tatsumi, T., Matsubara, Y. Effect of bias addition on the gap-filling properties of fluorinated amorphous carbon thin films grown by helicon wave plasma-enhanced chemical vapor deposition 877
Endo, K., Tatsumi, T., Matsubara, Y. Deposition of silicon dioxide films on amorphous carbon films by plasma enhanced chemical vapor deposition for low dielectric constant interlayer dielectrics 40555
Endo, K. *see* Genda, K. 16505
Endo, K. *see* Kawamura, T. 16489
Endo, K. *see* Matsubara, Y. 42668
Endo, K. *see* Segawa, J. 6499
Endo, K. *see* Shiraishi, T. 27662
Endo, K. *see* Yoshida, O. 40578
Endo, M. *see* Matsuo, T. 32275
Endo, M. *see* Minami, Y. 11965
Endo, M. *see* Naganuma, J. 46372
Endo, N. *see* Fukuda, M. 32307
Endo, S. *see* Chani, V.I. 30726
Endo, S. *see* Kobayashi, M. 22249
Endo, S. *see* Kobayashi, M. 22250
Endo, T., Hasegawa, A. Bifurcation routes to chaos of 2-coupled oscillators and stabilization of unstable periodic orbits embedded in the chaotic attractor 1180
Endo, T., Nagaya, S., Nakazawa, M., Oka, R. An active microphone method for speech recognition systems 24821
Endo, T. *see* Fukasawa, T. 34312
Endo, T. *see* Hirako, K. 46089
Endo, T. *see* Hirako, K. 49451
Endo, T. *see* Kamata, H. 4784
Endo, T. *see* Kato, K. 57202
Endo, T. *see* Matsubara, T. 59401
Endo, T. *see* Murayama, Y. 27216
Endo, T. *see* Nakamura, Y. 27830
Endo, T. *see* Oguri, Y. 33250
Endo, T. *see* Tsukamoto, S. 1515
Endo, T. *see* Yoshida, H. 27337
Endo, Y. *see* Inaba, T. 39381
Endoh, N., Tsuchiya, T. Elimination of artifacts caused by side lobe of transducer in ultrasonic tomography using fuzzy reasoning method 7945
Endoh, T., Nakamura, K., Masuoka, F. A new voltage down converter (VDC) with low ratio of consuming current to load current for ULSI 41366
Endoh, T. *see* Fukuda, H. 32165
Endoh, T. *see* Seo, H. 48727
Endoh, T. *see* Tanaka, A. 7402
Endoh, T. *see* Ura, S. 7272
Endoh, Y. *see* Imaizumi, M. 40415
Endoh, Y. *see* Ohtsuka, K. 32049
Endoh, Y. *see* Tanimura, J. 730
Endorf, R.J. *see* Giakos, G.C. 59471
Endou, E., Kakizaki, J., Yamashita, H., Kobayashi, H., Uematsu, A., Iwamoto, M. i500 information terminal 47468
Endow, Y. Walsh harmonizable processes in linear system theory 52396
Endres, H.-E. *see* Leidl, A. 27711
Endres, H.-E. *see* Roth, M. 36763
Endres, H.-H., Gottler, W., Hartinger, R., Drost, S., Hellmich, W., Muller, G., Braunmuhl, C.B., Krenkow, A., Perego, C., Sherveglieri, G. A thin-film SnO_2 sensor system for simultaneous detection of CO and NO_2 with neural signal evaluation 36762
Endres, T.J. *see* Johnson, C.R., Jr. 6488
Endrikat, C. Reduction of narrow band harmonics in the line current of AC-locomotives 51769
Endrikat, C. *see* Bocker, J. 51768
Endt, P., Oeff, M., Steinhoff, U., Trahms, L. Data-compression in single-channel magnetocardiograms 49511
Enea, O. *see* Amadelli, R. 9529
Enescu, E., Soptea, E., Cristescu, E., Pascale, A., Miron, P. Influence of compacting conditions on iron dielectromagnetic materials properties 40673
Enescu, V. *see* Gavat, I. 45671
Eng, A. Windows 95 provides robust computer telephony platform 26008
Eng, K.Y. Future switch [terabit ATM system] 6396
Eng, K.Y. *see* Ayanoglu, E. 47542
Eng, K.Y. *see* Veeraraghavan, M. 26086
Eng, K.Y. *see* Veeraraghavan, M. 47056

Eng, R.S. *see* Ghoshroy, S. 7673
Eng, T., Milstein, L.B. Partially coherent DS-SS performance in frequency selective multipath fading 26502
Eng, T.T.H. *see* Kan, S.C. 13640
Eng, T.T.H. *see* Kan, S.C. 33091
Eng, W. *see* Alessi, J.G. 49196
Eng, W.L. *see* Jungemann, C. 12861
Eng Sin Lim *see* Lim Eng Sin
Eng Siong Chng *see* Hua Yang, H. 25190
Eng-Siong Chng, Hua Yang, H., Wiklicky, H. Adaptive local radial basis function network for nonstationary channel equalisation problem 25191
Engan, H.E. *see* Ostling, D. 33018
Engbersen, J.F.J. *see* van Hal, R.E.G. 12914
Engdahl, G., Lerebourg, B. Experimental study of magnetic slurries regarding magnetic properties 3040
Engdahl, G. *see* Holmberg, P. 41551
Engdahl, J.C. *see* Wilderman, S.J. 59503
Engdahl, S.G. *see* Lundgren, S.A. 43640
Enge, P. *see* Changdon Kee 27114
Enge, P.K. *see* Pullen, S.P. 37969
Engebretson, C.J., Davidson, J., Ashlock, D. Genetic algorithms for texture model identification and synthesis 15925
Engebretson, J. Area code red [telephone codes] 16200
Engel, A., Astrain, H., Cagle, J., Ledford, S., Mahalingam, M. A TEM-cell based method for radiative susceptibility characterization of low-power microcontrollers 41217
Engel, A. *see* Hudde, H. 17877
Engel, B. *see* Beck, H.-P. 51783
Engel, C. *see* Abstreiter, G. 809
Engel, C. *see* Baumgartner, P. 31989
Engel, H. *see* Umbach, A. 26738
Engel, J., Means, J. Telemetry course 6036
Engel, K.-D. *see* Durmosch, M.K. 26357
Engel, L.W., Li, Y.P., Tsui, D.C. Quantum Hall effect from finite-frequency studies 12472
Engel, M. *see* Bushlin, Y. 17533
Engel, P.A. *see* Kapur, K.N. 30322
Engel, P.A. *see* Prasanna, R. 30274
Engel, R., Schiller, A., Serbo, V.G. A new possibility to monitor collisions of relativistic heavy ions at LHC and RHIC 7745
Engel, R., Schiller, A., Serbo, V.G. Quantum effects in radiation on short bunches 59176
Engelberg, J. *see* Eskelinen, P. 27282
Engelbrecht, A.P. *see* Sevenster, A.A. 57762
Engelhard, G. *see* Brenner, A.R. 28116
Engelhardt, A. *see* Strikovskiy, M.D. 13477
Engelhardt, E. *see* Schaffner, R. 16931
Engelhardt, F. *see* Rau, U. 39120
Engelhardt, H. *see* Gorbunov, A.A. 53815
Engelhardt, K., Seitz, P. High-resolution position encoder, insensitive to misalignment 17241
Engelke, D. *see* Tamm, C. 7142
Engelke, H. *see* Harz, M. 23029
Engelke, P. *see* Bettermann, H. 59595
Engelko, V., Giese, H., Schalk, S. Large area multiarc ion beam source 'MAIS' 28008
Engelmaier, W. BGA and CGA solder attachments: results of low acceleration reliability test and analysis 10100
Engelmaier, W. BGA and CGA solder attachments: results of low-acceleration reliability tests and analysis 10125
Engelmaier, W. BGA and CGA solder attachments: results of low-acceleration reliability tests and analysis 11884
Engelmaier, W. Soldering: Why we're still struggling 41653
Engelmaier, W. Long-term reliability requirements and their assurance for surface mount solder joints for US Air Force (AVIP) avionics 49929
Engelmann, G. *see* Beutler, U. 22092
Engelmann, G. *see* Jung, E. 22094
Engelmann, H.J., Kim, A.S., Thomas, G. Microstructure and magnetic effects of small Cu additions to (Nd,Dy)FeB magnets 23387
Engelmann, J.J. *see* Cesarsky, C.J. 36548
Engelmann, R., Ferguson, J., Solanki, R. Quantum-well activated phosphors: a new concept for electroluminescent displays 44226
Engelmann, R. *see* Cangsang Zhao 13647
Engelmann, U. *see* Baur, H.J. 49564
Engels, E., Jr. *see* Antos, J. 37373
Engels, G., Lange, J., Schapers, T., Luth, H. Experimental and theoretical approach to spin splitting in modulation-doped $In_xGa_{1-x}As/InP$ quantum wells for $B \rightarrow 0$ 42164
Engels, M., Jansen, R.H. Design of integrated compensated baluns 31518
Engels, M. *see* Gyselinckx, B. 16547
Engels, M. *see* Schaumont, P. 35850
Engels, O., Schempp, A., Homeyer, H., Pelzer, W. RF-properties of the VE-RFQ-injector for the ISL-cyclotron 37100
Engels, R. *see* Rente, C. 59279
Engels, R.L. *see* Lawless, P.A. 29930
Engelsberg, A.C., Lizotte, T.E., Ohar, O.P., O'Keefe, T.R. Tooling for wafer and photomask cleaning and surface preparation using a dry, laser-assisted technology 32193
Engelsberg, A.C. *see* Harvey, E.C. 14504
Engelstad, R. *see* Cummings, K.D. 32296
Engelstad, R. *see* Dicks, G. 42888
Engelstad, R. *see* Laudon, M. 42885
Engelstad, R.L. *see* Laird, D.L. 32294
Engelstad, R.L. *see* Laird, D.L. 42880
Engelstad, R.L. *see* Skrobis, R.J. 22699
Engelychev, A.E. *see* Fedorov, M.I. 31909
Engemann, J. *see* Werner, F. 11676
Engen, G.F. VANA evaluation via a multi-state termination 27429
Engenhart, R. *see* Debus, J. 59405
Engheta, N. Electrostatic "fractional" image methods for perfectly conducting wedges and cones 14522
Engineer, S., Gadre, D.V. Data acquisition and distribution in a networked environment 57875
England, A.W. *see* Judge, J. 8513
England, A.W. *see* Kim, E.J. 8512
England, A.W. *see* Yuei-An Liou 8510
England, D. *see* Hawkins, A.R. 7366
England, J.L. *see* Badakhshan, A. 42652
England, J.M.C. *see* Kozlowski, D.A. 23988
England, J.M.C. *see* Piotrowicz, P.J.A. 12803
Englehart, K., Stevenson, M., Hudgins, B., Parker, P.A. Classification of transient myoelectric signals using a dynamic feedforward neural network 59735
Engler, A. *see* Brock, I.C. 37039
Engler, D. *see* Nelson, P.A. 25090
Engler, E. *see* Jakowski, N. 58250
Engler, F. *see* Schett, G. 9447
Engler, J. Performance of TMS ionisation chambers in a calorimeter for cosmic ray particles 28044
Engler, M.J., Ulin, K., Sternick, E.S. Algorithms for the process management of sealed source brachytherapy 8136
Englert, T. *see* Hendricks, K. 11231
Englert, T.J., Haworth, M., Hendricks, K., Lehr, F.M., Shiffler, D. High-power microwave field measurements using Stark broadening 58964
Englert, U. *see* Chu Ming Cheung 57780
English, M. *see* Batista, A. 49677
English, M.J. *see* Owens, P.J. 49613
English, R. *see* Abe, K. 59233
English, R.E., Jr. *see* Lawson, J.K. 3758
English, T.C. *see* Watts, D. 27319
Englund, E.K., Hansson, A.I. Constructive codes with unequal error protection 34604
Engman, E.T. *see* Mattikalli, N.M. 18922
Engstler, C., Lubich, C. Multirate extrapolation methods for differential equations with different time scales 40227
Engstrom, K., Fritzson, P. Porting the Erlang language and the intelligent network simulator to the Parsytec MIMD platform 47316
Engstrom, M., Bohm, C., Hellman, S., Prytz, K., Silverstein, S., Yamdagni, N., Zhao, X., Sundblad, R., Craciunescu, A., Gustafsson, S., Odmark, A., Bodo, P. A special purpose parallel processing ASIC for the first-level calorimeter trigger for the ATLAS detector 59305
Engstrom, O. *see* Xiao, Z. 48606
Engstrom, O. *see* Zhaohua Xiao 44081
Enguang Dai *see* Dai Enguang
Engvall, J. *see* Olajos, J. 2165
Engwall, D. *see* Kehne, D. 18015
Enhuai Zhang *see* Zhang Enhuai
Enichlmair, H. *see* Krenn, H. 7538
Eninger, J.E. *see* Vanderberg, B.H. 9440
Enis Cetin, A. *see* Gurcan, M.N. 56769
Enisherlova, K.L., Rusak, T.F., Mil'vidskii, M.G., Reznick, V.J. Effect of native point defects on morphology of gettering centres in CZ-silicon wafers 54384
Enisherlova, K.L. *see* Govorkov, A.V. 12372
Enisherlova, K.L. *see* Govorkov, A.V. 54161
Enjeti, P.N. *see* Lee, B.S. 38815
Enjeti, P.N. *see* Rendusara, D.A. 29391
Enjeti, P.N. *see* Sewan Choi 29392
Enjeti, P.N. *see* Sewan Choi 61115
Enjou, A., Tomobe, M. The software synthesis of network management systems 35624
Enjun Zhu *see* Zhu Enjun
Enke, D., Lee, H.C., Ozbayoglu, A.M., Thammano, A., Dagli, C.H. SimNet neural network: an application to speaker identification 14960
Enke Liu *see* Liu Enke
Enkhjin, L. *see* Chultem, D. 37164
Enkyo, S. *see* Suzuki, T. 55340
Enloe, C.L., Cooke, D.L., Pakula, W.A., Violet, M.D., Hardy, D.A., Chaplin, C.B., Kirkwood, R.K., Tautz, M.F., Bonito, N., Roth, C., Courtney, G., Davis, V.A., Mandell, M.J., Hastings, D.E., Shaw, G.B., Giffin, G., Sega, R.M. High-voltage interactions in plasma wakes: results from the charging hazards and wake studies (CHAWS) flight experiments 44912
Enloe, C.L. *see* Chaplin, C.P. 8459
Enloe, C.L. *see* Cooke, D.L. 8223
Enlow, L.R., Swanson, D.W. Selection, reliability evaluation, and specification of a liquid encapsulant for plastic-encapsulated microcircuits (PEM) 52209
Enlow, L.R. *see* Swanson, D.W. 59877
Enmark, M.N. *see* Maroudas, D. 42735
Ennaoui, A. *see* Matthaus, A. 54128
Ennerson, F. *see* Meyer, B. 17486
Ennis, M.G., Turner, D.R., Spencer, J.W., Jones, G.R. Scaling SF_6 helical arc interrupters for performance gain 38910
Ennis, R. *see* Amols, H.I. 59767
Ennode, N. *see* Bury, P. 37542
Ennser, K., Laming, R.I., Zervas, M.N. Phase-encoded duobinary transmission over non-dispersion shifted fibre links using chirped grating dispersion compensators 26780
Eno, J. *see* Montanaro, J. 1446
Enoch, S., Akhouayri, H. Bistable prism coupler with both second- and third-order nonlinearities 55844
Enockl, B. *see* Fremont, H. 53844
Enoki, H., Kobayashi, Y., Ohta, T. Telecommunication services requirement definition based on ontology 57550
Enoki, T. *see* Hayashi, H. 21960
Enoki, T. *see* Ishii, Y. 13904
Enoki, T. *see* Maeda, N. 32440
Enoki, T. *see* Nitta, J. 42121
Enoki, T. *see* Otsuji, T. 36179
Enoki, T. *see* Shigekawa, N. 43134
Enoki, T. *see* Umeda, Y. 21959
Enokidani, J. *see* Furushima, Y. 14196
Enokihara, A., Setsune, K. 1.5-GHz high-T_c superconducting microstrip bandpass filter of miniaturized configuration 53557
Enokihara, M. *see* Oe, S. 15864
Enokizono, M., Matsumura, K., Mohri, F. Magnetic field analysis of anisotropic permanent magnet problems by finite element method 43712
Enokizono, M., Mori, S., Benda, O. A treatment of the magnetic reluctivity tensor for rotating magnetic field 43610
Enokizono, M., Morikawa, M., Kawamura, K., Sievert, J. Distribution of two-dimensional magnetic properties in three-phase induction motor model core 9203
Enokizono, M., Todaka, T., Nakamura, K. Flux distribution in a wound core of a single-phase transformer 21997
Enokizono, M., Todaka, T., Shibao, K. Numerical approach for ECT by using boundary element method with Laplace transform 40710
Enokizono, M. *see* Kanada, T. 23384
Enokizono, M. *see* Oka, M. 995
Enokizono, M. *see* Zbroszczyk, J. 23332
Enoksson, P., Stemme, G., Stemme, E. Silicon tube structures for a fluid-density sensor 13167
Enome, S. *see* Nakajima, H. 7024
Enomoto, A. Upgrade to the 8-GeV electron linac for KEKB 49164
Enomoto, A. *see* Jae-Young Choi 37156
Enomoto, A. *see* Ohsawa, S. 49204
Enomoto, A. *see* Shidara, T. 49303
Enomoto, A. *see* Yamaguchi, S. 37158
Enomoto, H., Kokado, H., Matsubara, I., Mori, N., Ozaki, H. A tunneling study on the anisotropic gap of Bi2212 superconducting whisker 43832
Enomoto, H. *see* Miki, M. 61345
Enomoto, K., Shiokawa, S., Sasase, I. Performance analysis of inhibit sense multiple access with multiple idle signals 26527
Enomoto, K., Shiokawa, S., Sasase, I. Performance analysis of inhibit sense multiple access with mixed priority classes 35975
Enomoto, K., Shiokawa, S., Sasase, I. Performance of inhibit sense multiple access for prioritized traffic 46664
Enomoto, K. *see* Kamiya, H. 29864
Enomoto, K. *see* Sugihara, A. 16066
Enomoto, M., Miyake, H. Production technology for multimedia titles 35808
Enomoto, N. *see* Yoshida, K. 3378
Enomoto, N. *see* Yoshida, K. 3379
Enomoto, N. *see* Yoshida, K. 23486
Enomoto, R. *see* Iijima, T. 37238
Enomoto, R. *see* Sahu, S.K. 37360
Enomoto, T. Low power design technology for digital LSIs 11256
Enomoto, T., Sasaki, T., Sekiguchi, K., Okada, Y., Ujihara, K. Intensity fluctuation of a pulsed planar microcavity laser 3921
Enomoto, T. *see* Tomioka, Y. 38561
Enomoto, Y. *see* Ban, M. 11665
Enomoto, Y. *see* Fuke, H. 13498
Enomoto, Y. *see* Fuke, H. 13505
Enomoto, Y. *see* Miyachi, H. 41252
Enomoto, Y. *see* Oguchi, T. 26918
Enomoto, Y. *see* Saitoh, K. 31172
Enosawa, K. *see* Chujo, T. 37284
Enoto, T. *see* Kagata, M. 48692
Enqi Xu *see* Xu Enqi
Enquist, P.M. *see* Patrizi, G.A. 43249
Enquist, S.B. *see* Williamson, W., III 21637
Enrici, F., Ropa, P., Reboul, J.P. Studies of space charge in PET films by the coupling of TSM and TSDC methods 32624
Enright, W., Arrillaga, J., Wood, A.R., Perez Hidalgo, F. The smoothing transformer, a new concept in DC side harmonic reduction of HVDC schemes 8862
Enright, W. *see* Arrillaga, J. 60357
Enright, W.H. *see* Hull, T.E. 10536
Enriquez, L., Duenas, S., Castan, E., Quintanilla, L., Pinacho, R., Barbolla, J. Thermal emission processes of DX centres in $Al_xGa_{1-x}As$:Si 22254
Ensberg, D.E. *see* Hodgkiss, W.S. 18865
Ensell, G. *see* Stefanyi, P. 54021
Enshun Jin *see* Jin Enshun
Ensinger, W. Plasma immersion ion implantation for metallurgical and semiconductor research and development 32122

Ensinger, W., Hartmann, J., Klein, J., Usedom, P., Stritzker, B., Rauschenbach, B. An apparatus for magnetron sputter coating and plasma immersion ion implantation 10886
Enslin, J.H.R., Zhao, J., Spee, R. Operation of the unified power flow controller as harmonic isolator 8757
Enslin, J.H.R. *see* Bhowmik, S. 29445
Enslin, J.H.R. *see* Horn, A. 9681
Enslin, J.H.R. *see* Pittorino, L.A. 19267
Enslin, J.H.R. *see* Thiel, S. 60844
Enslin, J.H.R. *see* Van Zyl, A. 28875
Ensor, J.G. The role of strategic marketing 20752
Enssle, J. The impact of VBR MPEG video traffic on ATM multiplexer performance and its evaluation 26258
Enssle, J. *see* Hessenmuller, H. 58029
Ensslin, K., Schloesser, T. Quantum transport in lateral superlattices 32030
Ensslin, K. *see* Schlosser, T. 2197
Ensslin, K. *see* Schuster, R. 42166
Entine, G. *see* Nagarkar, V.V. 52925
Entine, G. *see* Squillante, M.R. 37322
Enxin Feng *see* Feng Enxin
Enyao Zhang *see* Zhang Enyao
Enz, C. *see* Bucher, M. 13098
Enz, C. *see* Lallement, C. 2783
Enz, C.C., Temes, G.C. Circuit techniques for reducing the effects of op-amp imperfections: autozeroing, correlated double sampling, and chopper stabilization 1149
Enz, C.C., Vittoz, E.A. CMOS low-power analog circuit design 22977
Enz, C.C. *see* Fried, R. 1188
Enz, C.C. *see* van Ruymbeke, G. 41300
Enze, L. *see* Yunpeng, L. 54573
Enze Yang *see* Yang Enze
Enzo, S. *see* Yermakov, A.Y. 52831
Eo, Y.S. *see* Cho, D.H. 43297
Eo Yungseon *see* Yungseon Eo
Eok Namgoong *see* U-Sok Chong 29792
Eom, C.B. *see* Gan, Q. 40447
Eom, C.B. *see* McDaniel, E.B. 43762
Eom, H.J. *see* Hong, J.P. 45419
Eom, H.J. *see* Park, D.K. 56108
Eom, J. *see* Bruynseraede, Y. 32920
Eom, J. *see* Hannan, M. 31985
Eom, K.B. Non-cooperative target classification using hierarchical modeling of high range resolution radar signatures 6901
Eom, K.B. Equivalence of time and frequency domain conditions for perfect reconstruction in M-band filter banks 34868
Eom, K.B. *see* Chellappa, R. 27070
Eom Kwang-Seop *see* Kwang-Seop Eom
Eom Seung-Wook *see* Seung-Wook Eom
Eon Kang Chang *see* Kang Chang Eon
Eon Seo Joong *see* Joong Eon Seo
Eon-Duval, P., Fiquet, J.-M., Langlet, J.-P. SODEXPERT: a PWR operating-assisted software to prevent secondary cooling system corrosion 9043
Eordogh, I. *see* Szasz, K. 15747
Epaminondas, A.doN. *see* Ribeiro, D.L. 50565
Epelboin, Y. Simulation of synchrotron white-beam topographs. An algorithm for parallel processing: application to the study of piezoelectric devices 3012
Ephimov, A.I. *see* Kutuza, B.G. 16938
Ephraim, Y. *see* Bell, K.L. 4642
Ephraim, Y. *see* Bell, K.L. 4682
Ephraim, Y. *see* Bell, K.L. 25030
Ephraim, Y. *see* Bell, K.L. 34857
Ephraty, A., Tabrikian, J., Messer, H. A test for spatial stationarity and applications 4666
Ephremides, A. *see* Shih-Tsung Yang 35478
Ephremides, A. *see* Wieselthier, J.E. 26510
Ephremides, A. *see* Wieselthier, J.E. 35459
Epler, J. *see* Moser, M. 44553
Epler, J. *see* Zachariou, A. 38988
Eppel', V.I. *see* Gorev, N.B. 42078
Eppeldauer, G. Near infrared radiometer standards 48287
Eppeldauer, G. *see* Cromer, C.L. 17154
Eppell, S.J. *see* Ovryn, B. 33780
Epperlein, P.W. Raman spectroscopy of semiconductor lasers 3863
Epperlein, P.W. *see* Srite, S. 12673
Epperly, R.A., Hoadley, F.L., Piefer, R.W. Considerations when applying ASDs in continuous processes 61112
Eppich, B., Friberg, A.T., Gao, C., Weber, H. Twist of coherent fields and beam quality 55774
Eppich, B. *see* Bartels, H. 55780
Eppinger, S.D. *see* O'Connor, D.N. 61244
Epple, A. *see* Zidowitz, S. 25591
Epple, U. *see* Arnold, M. 35710
Eppler, I., Schroeder, H., Burges, U., Schilling, W. Analysis of stresses and strains in passivated metal lines 42791
Eppler, I. *see* Beckers, D. 42792
Eppler, W. *see* Gemmeke, H. 59323
Epstein, A.J. *see* Gebler, D.D. 44264
Epstein, A.J. *see* Wang, H.L. 13874
Epstein, B., Levin, M. Differences in network planning for wireless local loop and mobile wireless systems 47443
Epstein, G. *see* Cesarsky, C.J. 36548
Epstein, J., Williams, T. Using Fortezza for transparent file encryption 24660
Epstein, J.S. *see* Perry, K.E., Jr. 21404
Epstein, M., Papineni, K., Roukos, S., Ward, T., Della Pietra, S. Statistical natural language understanding using hidden clumpings 14891
Epstein, Y. *see* Yoon, G. 42445
Epworth, R.E. *see* Saunders, R.A. 16833
Equall, R., Wang, G.M., White, G.A., Cone, R.L., Leask, M.J.M., Macfarlane, R.M., Hutcheson, R.L. Tm^{3+} materials for coherent transient optical memories and signal processors 14410
Equer, B. *see* Ebothe, J. 30895
Equer, B. *see* Ilie, A. 37303
Equi, E. *see* Stine, B.E. 43216
Equi, E.R. *see* Gronowski, P.E. 1444
Er, M.H. *see* Ming Zhang 14948
Er, M.H. *see* Ming Zhang 15211
Er Li *see* Li Er
Eracar, Y., DiMarzio, C., Kokar, M.M. False alarm reduction of ground penetrating radar returns through multisensor fusion 16969
Eran, P.E., Sezan, M.I., Tekalp, A.M. Robust region-based high-resolution image reconstruction from low-resolution video 56967
Eran, Y., Elmaliah, N., Lehman, Y., Mizrahi, E., Rossman, G. Die-to-database inspection of 256 Mbit DRAMs reticles 20965
Erasme, D. *see* Soto, H. 33683
Erb, J. *see* Roos, D. 18512
Erbach, P.S., Gregory, D.A. Scale invariant optical Mellin-wavelet joint transform correlation 5202
Erbach, P.S., Gregory, D.A. Practical considerations for wavelet transforms obtained using a phase-only joint transform optical correlator 15432
Erbach, P.S. *see* McClain, J.L., Jr. 3481
Erbacher, J.K., Vukson, S.P. Commercial nickel-metal hydride (Ni-MH) technology evaluation. Military aircraft battery implications 60996
Erbacher, J.K. *see* Loeber, G. 18670
Erbay, A.S. *see* Kavaklioglu, K. 38479
Erbe, E. *see* Foster, J.L. 18881
Erben, H. *see* Schwarz Dasilva, J. 47578
Erben, J. *see* Teichert, St. 895
Erben, U. *see* Herzel, F. 42940
Erben, U. *see* Schuppen, A. 26555
Erber, G., Bugge, F., Sebastian, J., Vogel, K., Wenzel, H., Weyers, M. A study of structures with Al-free QWs in AlGaAs waveguides for laser diodes emitting at 800 nm 55670
Erbert, M. Satisfaction of quality management needs in a regional power supply undertaking 19142
Erbil, A. *see* Kim, Y. 23649
Erbil, A. *see* Nami, Z. 52635
Erbil, A. *see* Nami, Z. 52789
Ercal, F. *see* Moganti, M. 53753
Ercegovac, M.D., Fabian, C., Lang, T. On reducing transition counts in sign detection circuits 1270
Ercegovac, M.D. *see* Dionysian, R. 15473
Ercegovac, M.D. *see* Tenca, A.F. 40997
Ercoli, C., Murri, R., Pinto, N., Anchisini, R., Sberveglieri, G. Morphological and electrical characterization of sensors for low humidity contents 58723
Ercoli, C. *see* Sberveglieri, G. 7285
Ercuta, A. *see* Mihalca, I. 3065
Erdal, C. A sensitivity measure for armature-controlled DC servomotors and calculating optimum parameter tolerances 9282
Erdei, G., Szarvas, G., Barabas, M. Extensions to a lens design program for the ray-optical design of waveguide lenses and prism couplers 33197
Erdei, S., Ainger, F.W., Ravichandran, D., White, W.B., Cross, L.E. Preparation of Eu^{3+}:YVO_4 red and Ce^{3+}, Tb^{3+}:$LaPO_4$ green phosphors by hydrolyzed colloid reaction (HCR) technique 55406
Erdei, S., Galambos, L., Tanaka, I., Hesselink, L., Ainger, F.W., Cross, L.E., Feigelson, R.S. Segregation and inhomogeneities in photorefractive SBN fibers 23479
Erdei, S., Galambos, L., Tanaka, I., Hesselink, L., Cross, L.E., Feigelson, R.S., Ainger, F.W., Kojima, H. Inhomogeneities and segregation behavior in strontium-barium niobate fibers grown by laser-heated pedestal growth technique. II 3394
Erdei, S., Jin, B.M., Ainger, F.W., Keszei, B., Vandlik, J., Sueveges, A. Possible trends for the growth of low scattering Nd:YVO_4 laser crystals; phase relations–growth techniques 43886
Erdei, S. *see* Galambos, L. 3393
Erdeljac, J. *see* Chin-Yu Tsai 43347
Erdeljan, A., Petrovacki, D., Odri, S., Jorgovanovic, N. A communication layer for distributed manufacturing automation and intelligent control software 47155
Erdelyi, D. *see* Niederwald, H. 875
Erdelyi, M., Bor, Z., Szabo, G., Cavallaro, J.R., Smayling, M.C., Tittel, F.K., Wilson, W.L. Subquarter micron contact hole fabrication using annular illumination 2504
Erdelyi, M., Horvath, Z.L., Szabo, G., Bor, Z., Tittel, F.K., Cavallaro, J.R., Smayling, M.C. Generation of diffraction-free beams for applications in optical microlithography 42848
Erdelyi, M. *see* Sengupta, C. 2513
Erdem, A.T. *see* Toklu, C. 56861
Erdem, A.T. *see* Toklu, C. 57019
Erdemli, Y.E., Volakis, J.L. FDTD scattering analysis of cavities with dielectric protrusions 34014
Erdman, J. *see* Busse, D. 29332
Erdman, J. *see* Busse, D. 51681
Erdman, J. *see* Busse, D. 61368
Erdman, J. *see* Skibinski, G. 29247
Erdman, J.M. *see* Busse, D.F. 61117
Erdmann, D., Murphy, S. An approximate distribution for the maximum order complexity 56262
Erdmann, R. *see* Legendre, B.L., Jr. 7924
Erdmanna, A., Henke, W. Simulation of light propagation in optical linear and nonlinear resist layers by finite difference beam propagation and other methods 22669
Erdogan, A.T. *see* Arslan, T. 1470
Erdogan, S.S., Wahab, A. Hierarchical decomposition model for reconfigurable architecture 40768
Erdogan, T. *see* Norton, S.M. 44181
Erdogdu, K. *see* Cavdar, I.H. 4258
Erdol, N. *see* Andric, O. 15303
Erdol, N. *see* Frederick, T. 25132
Erdong Lu *see* Lei Huang 32215
Erdong Lu *see* Lu Erdong
Erdos, E. *see* Arai, Y. 37267
Erdos, E. *see* Arai, Y. 37268
Erdos, P., Liviotti, E., Herndon, R.C. Wave transmission through lattices, superlattices and layered media 44969
Erdt, B.M. *see* Michalowsky, L. 58043
Erdt, W. *see* Barranco-Luque, M. 49012
Erdtmann, M. *see* Diaz, J. 21229
Erdtmann, M. *see* Hoff, J. 48521
Erdtmann, M. *see* Hoff, J. 48522
Erdtmann, M. *see* Lane, B. 42059
Ereau, J.-F., Saleman, M., Valette, R., Demmou, H. Petri nets for the evaluation of redundant systems 39923
Ereditato, A. *see* Annis, P. 59237
Erell, A., Burshtein, D. Noise adaptation of HMM speech recognition systems using tied-mixtures in the spectral domain 24847
Erell, A. *see* Cohen, Y. 34694
Eremin, S.A. *see* Luchau, D.W. 18695
Eremin, V., Ivanov, A., Verbitskaya, E., Li, Z., Schmidt, B. Long term instabilities in the defect assembly in irradiated high resistivity silicon detectors 59260
Eremin, V., Li, Z. Effect of deep level trapping of free carriers on the stabilization of current-voltage characteristics of high resistivity silicon detectors irradiated by high fluence of neutrons 37292
Eremin, V. *see* Li, Z. 49330
Eremin, V.K. *see* Verbitskaya, E.M. 41844
Eremin, Yu., Orlov, N. Simulation of light scattering from a particle upon a wafer surface 12608
Erens, F.J. *see* Wortmann, H.C. 30122
Erenshteyn, R., Foulds, R., Messing, L., Stern, G., Galuska, S. Handshape recognition–a step toward computer translation of American sign language into English 59820
Erenyi, I. *see* Fazekas, Z. 37694
Erer, I., Gunel, T. A new approach to the optimal choice of a wavelet for signal representation 4707
Erer, I., Kartal, M., Yazgan, B. A new algorithm based on wavelet theory for diffraction tomography 57313
Erfani, S., Ahmadi, M. A new look at digital filter realization by conformal mapping 11575
Erfurth, W. *see* Geier, S. 40437
Erfurth, W. *see* Malicsko, L. 32971
Erfurth, W. *see* Stietz, F. 2028
Erfurth, W. *see* Stietz, F. 42550
Ergin, U. *see* Ozenbas, M. 52752
Erhard, W. *see* Fey, D. 55358
Erhardt, A. *see* Szafarska, E. 50728
Erhart, A. Direct drive promises reduced power consumption and improved image quality for notebook AMLCDs 27794
Erhart, D.L. *see* Schafft, H.A. 369
Erhart, P. *see* Ladd, M.E. 7995
Erhong Li *see* Ramaswamy, S. 22833
Erhui Wu *see* Wu Erhui
Erickson, B. *see* Alessi, J.G. 49196
Erickson, C.J. *see* Branscome, J.V. 51840
Erickson, D.C. *see* Taylor, C.W. 28736
Erickson, D.S., Haugh, E.J., Ong, E.T., Sishtla, C.I. MCFC technology development at M-C power and the Institute of Gas Technology 20022
Erickson, G. *see* Bouvy, R. 17096
Erickson, G.J., Badger, S.L., Seifert, M.F. Modeling and evaluation of electromagnetic effects in multichip module devices 52271
Erickson, K.T. *see* Schieffer, J.D. 13243
Erickson, M. Thick film solder wells for fine pitch flip chip attach 53833
Erickson, M. Two novel applications of adhesives for optical microelectronics 55467
Erickson, M. *see* Porter, C. 2414
Erickson, R. CASTTOOL™ prototyping for injection molding, where is it going? 30191
Erickson, R.R. *see* Ko, K. 49542
Erickson, S. No clean fluxes: old and new 53801
Erickson, T. Turbidity sensing as a building block for smart appliances 58701
Erickson, W.M. Protecting servomotors from self destruction 29353
Ericson, F. *see* Greek, S. 54054
Ericson, F. *see* Lange, P. 10693
Ericson, K. *see* Adolfsson, S. 9751
Ericson, M.N., Allen, M.D., Musrock, M.S., Walker, J.W., Brillon, C.L., Jr., Wintenberg, A.L., Young, G.R. Development of a front end controller/heap manager for PHENIX 59314
Ericson, M.N. *see* Britton, C.L., Jr. 59321

Ericson, M.N. *see* Emery, M.S. 59331
Ericsson, G., Johnsson, A. Examination of ELCOM-90, TASE.1, and ICCP/TASE.2 for inter-control center communication 50453
Ericsson, G. *see* Berg, M. 37259
Ericsson, P., Bengtsson, S. Influence of SC-1/SC-2 cleaning on wafer-bonded silicon dioxide structures 12766
Erie, M. *see* Szu, H. 21855
Eriguchi, H., Kamoi, T., Yamamoto, M. Instant hot-restart circuit for metal halide lamps 39392
Eriguchi, K. *see* Yamada, T. 43030
Eriksen, L.M. *see* Horn, M.W. 32274
Eriksen, P.B., Jorgensen, C., Ravn, H.F. Hydro and thermal scheduling by the decoupling method 28848
Erikson, H.I. *see* Rosner, S.J. 44214
Eriksson, C., Thane, H., Gustafsson, M. A communication protocol for hard and soft real-time systems 5872
Eriksson, J., Beckman, C. Plausibility of assuming ideal arrays for direction of arrival estimation 34836
Eriksson, J.-T. *see* Tenhunen-Eskelinen, M. 28291
Eriksson, L.H., Broden, S. High performance automotive radar 27007
Eriksson, M.A., Beck, R.G., Topinka, M.A., Katine, J.A., Westervelt, R.M., Campman, K.L., Gossard, A.C. Effect of a charged scanned probe microscope tip on a subsurface electron gas 31948
Eriksson, N. *see* Ghisoni, M. 44778
Eriksson, N. *see* Kristjansson, S. 44500
Eriksson, N. *see* Ming Li 14444
Eriksson, P., Andersson, J.Y., Hansson, G., Joelsson, K., Stemme, G. Processing, characterization and optimization of detector structures intended for uncooled microbolometers arrays 48536
Eriksson, P., Andersson, J.Y., Stemme, G. Thermal characterization of surface-micromachined silicon nitride membranes for thermal infrared detectors 48531
Eriksson, P.F.B. *see* Lago, T.L. 50100
Eriksson, R. *see* Jansson, T. 49558
Eriksson, T., Linden, J., Skoglund, J. Exploiting interframe correlation in spectral quantization: a study of different memory VQ schemes 14976
Eriksson, T. *see* Windmar, D. 32733
Erin, M. *see* Titov, A. 13973
Erin, M. *see* Titov, A. 13974
Erin, M. *see* Titov, A. 44686
Erin, M. *see* Titov, A. 58607
Erisman, B.P. *see* Redl, R. 43049
Erjavec, B. Activation of the Na_2KSb photocathode with Cs and O_2 at lowered temperatures 22152
Erjian Feng *see* Feng Erjian
Erke Mao *see* Mao Erke
Erkelens, J.S., Broersen, P.M.T. Bias propagation in the autocorrelation method of linear prediction 34691
Erken, A. *see* Ayrulu, B. 27092
Erkeng Yu *see* Yu Erkeng
Erkmen, A. *see* Baykal, N. 18209
Erkmen, A.M. *see* Eskiizmirliler, S. 59435
Erkmen, I. *see* Ayrulu, B. 27092
Erko, A. *see* Arkadiev, V. 37578
Erlandson, A. *see* Rotter, M.D. 23843
Erlandson, A.C., Rotter, M., Horvath, J., Frank, D., McCracken, R., Jancaitis, K., Seznec, S., LeTouze, G., Carbourdin, O., Fornerod, J.-C., Bosch, P. Multisegment Nd:glass amplifiers for the National Ignition Facility and the French Laser Megajoule 23841
Erlandson, R.J. Susceptibility of GNSS sensors to RFI 49882
Erlandsson, B. *see* Hakansson, K. 49295
Erler, B. *see* Dietrich, T. 40416
Erler, K., Freeman, G.H. An HMM-based speech recognizer using overlapping articulatory features 4589
Erli Chen, Chou, S.Y. Delay time in coplanar strip transmission lines on $Si/SiO_2/Si$ multilayer substrates 31456
Erlingsson, U., Kaltofen, E., Musser, D. Generic Gram-Schmidt orthogonalization by exact division 21134
Erlykin, A. *see* Agnetta, G.A. 18096
Ermak, G.P. Ultrafast millimeter wave amplitude modulator for reflectometry of plasma 53629
Ermak, G.P., Revin, I.D., Demchenko, M.Yu., Skrynnik, B.K. High stability millimeter-wave vector analyzer 58972
Ermakov, A.V., Hinch, B.J. Application of a novel contactless conductivity sensor in chemical vapor deposition of aluminum films 48441
Ermakov, M.S. Asymptotically minimax criteria for testing complex nonparametric hypotheses 15227
Ermakov, V.N. *see* Baidakov, V.V. 22199
Erman, M. *see* Renaud, M. 47948
Ermer, J.H. *see* Chiang, P.K. 37980
Ermer, S.P. *see* Van Eck, T.E. 44074
Ermert, H. *see* Krueger, M. 28119
Ermert, H. *see* Passmann, C. 18371
Ermert, H. *see* Passmann, C. 18372
Ermine, J.-L. *see* Millerat, P. 60493
Ermio, G. *see* Bacchi, E. 48944
Ermishin, S.M. Mathematical model of computer-related error component in measurement information systems 17143
Ermolaev, A.V. *see* Masterov, V.F. 54125
Ermolaev, V.A., Shustov, M.A. Comparative radiographical registration of local nonhomogeneous physical fields 21408
Ermolaev, V.T. Evaluation of parameters for the minimal polynomial of the signal-correlation matrix of a multichannel adaptive receiving system 4717
Ermolenko, A.S. *see* Bartashevich, M.I. 32804
Ermoliev, Y.M., Ruszczynski, A. Convex optimization by radial search 10357
Ermolov, E.A. *see* Ermolov, I.N. 58988
Ermolov, I.N. Optimization of the conditions of inspection by the ultrasound echo method. II. Calculation of echo signals from defects 40751
Ermolov, I.N. Estimation of the height of a defect 52888
Ermolov, I.N., Ermolov, E.A. Calibration of a thickness gauge using a combination double transceiver probe 58988
Erne, F.C. *see* Adam, A. 37280
Ernest, M. *see* Maier, C.A. 21552
Erneux, T. *see* Gavrielides, A. 44447
Erneux, T. *see* Pieroux, D. 14212
Erni, D. *see* Krylov, V. 14355
Erni, D. *see* Krylov, V. 24118
Erni, D. *see* Krylov, V. 33651
Erni, D. *see* Ollikainen, O. 17833
Erning, J.W., Hauber, T., Stimming, U., Wippermann, K. Catalysis of the electrochemical processes on solid oxide fuel cell cathodes 20005
Ernst, D.M. *see* Bienert, W.B. 9998
Ernst, E.W. Workplace changes and engineering education reform 20549
Ernst, E.W. *see* Fromm, E. 20606
Ernst, G.J. *see* Bisero, D. 12067
Ernst, G.J. *see* Bisero, D. 41743
Ernst, G.J. *see* Verschuur, J.W.J. 14202
Ernst, G.J. *see* Witteman, W.J. 55743
Ernst, J.A. *see* Bergeld, T.J. 59334
Ernst, J.A. *see* Bergfeld, T.J. 59333
Ernst, O.G. A finite-element capacitance matrix method for exterior Helmholtz problems 10547
Ernst, P. *see* Geng, C. 40459
Ernst, R. Analysis by analytical method of the working of a triode high frequency induction generator for inductive plasma torch 31724
Ernst, T., Chang, L. Elimination of artifacts in short echo time ^1H MR spectroscopy of the frontal lobe 7959
Ernwein, J. *see* Bystricky, J. 59318
Erofeenko, V.T., Kravchenko, V.F., Lyu Bao Lin Diffraction of a plane electromagnetic wave by a rotating and sliding contacting cylindrical shell 4233
Erofeenko, V.T., Kryuchkov, A.N., Moshinskii, A.V. Solution of the vector problem of electromagnetic wave scattering by an impedance sphere on the plane separation boundary between two media 4234
Erofeev, A.V. *see* Belikov, A.V. 58781
Erofeev, A.V. *see* Belikov, A.V. 60107
Erofeeva, I.V. *see* Gavrilenko, V.I. 54201
Erofeew, W. *see* Sudnik, W. 14507
Erofeichev, V.G., Miroshnikov, M.M. Prospects of using IR arrays in thermal vision 58824
Erokhin, V., Facci, P., Carrara, S., Nicolini, C. Monoelectron phenomena in nanometer scale particles formed in LB films 31932
Erol, R.A., Cherian, P., Smallwood, R.H., Brown, B.H., Bardhan, K.D. Can electrical impedance tomography be used to detect gastro-oesophageal reflux? 18455
Eroshenko, G.P., Lyubaikin, S.N., Sharuev, N.K. Capacitive devices to measure the parameters of conductors 36505
Eroshenko, G.P., Lyubaikin, S.N., Sharuev, N.K., Kaleta, E.L. Device for contactless measurements of the thickness of dielectric plates 48890
Eroshin, O. *see* Antipov, Yu. 37233
Errachid, A. *see* Cane, C. 27704
Erramilli, A. *see* Neidhardt, A.L. 35484
Errandonea, D., Segura, A., Sanchez Royo, J.F., Munoz, V., Ulrich, C., Grima, P., Chevy, A. Effects of conduction band structure and dimensionality of the electron gas on transport properties of InSe under pressure 22284
Ersen, O. *see* Mardikyan, K. 13306
Ershov, A.P., Kalinin, A.V., Sukhanov, Ya.N., Rudenko, K.V. The use of Langmuir probe for determining the end point of SiO_2 etching on silicon 12714
Ershov, A.P. *see* Baryshev, Yu.P. 32198
Ershov, M. Transient photoconductivity in quantum well infrared photodetectors 17351
Ershov, M., Liu, H.C., Buchanan, M., Wasilewski, Z.R., Ryzhii, V. Photoconductivity nonlinearity at high excitation power in quantum well infrared photodetectors 48538
Ershov, M., Liu, H.C., Li, L., Buchanan, M., Wasilewski, Z.R., Ryzhii, V. Unusual capacitance behavior of quantum well infrared photodetectors 48554
Ershov, M. *see* Ryzhii, V. 17389
Ershov, O., Li, F., Dubinovsky, M., Chen, R.T. Diffraction patterns of Si-based polygonal grating for 1-to-many optical interconnects 33093
Ershov, O.G. *see* Moiseev, K.D. 55654
Ershov, O.G. *see* Yakovlev, Yu.P. 3890
Ershov, V.P., Fimushkin, V.V., Kulikov, M.V., Pilipenko, Yu.K., Shutov, V.B. Thermal calorimetric detector for atomic hydrogen and deuterium beam measurements 59167
Ershova, N.Yu., Ivashenkov, O.N., Il'in, A.E. Charge transport and breakdown of MNOS structures containing silicon nitride synthesized at lower temperatures 2266
Ershueva, S.A. *see* Tubis, Ya.B. 60665
Erskine, J.L. *see* Ting, J.W. 1189
Ersoni, M., Wu, X., Jessop, P.E., Noad, J.P. Optical waveguide interconnects in optoelectronic matrix switches 33065
Ersoni, M., Xiucheng Wu, Jessop, P.E., Noad, J.P. Optical signal distribution in waveguide-coupled metal-smiconductor-metal detector arrays 36559
Ersoy, C. *see* Inal, H. 47069
Ersoy, C. *see* Oyman, E.I. 47337
Ersoy, L. *see* Luh, H. 34234
Ersoy, O.K. *see* Benediktsson, J.A. 15963
Ersoy, O.K. *see* Fardanesh, M. 15705
Ersoy, O.K. *see* Kassebaum, J.A. 18434
Ersoy, O.K. *see* Sundaram, R. 46119
Ersoy, O.K. *see* Velipasaoglu, E.O. 59513
Ertas, A. *see* Parten, M. 20694
Ertas, T., Ali, F.H. Trellis coded self-synchronous multi-h CPM 34563
Ertel, J. *see* Tromson-Carli, A. 40478
Ertel, R.B., Schell, S.V. Comparative study of adaptive antenna arrays in CDMA communication systems 45353
Erten, G., Salam, F.M. Programmable hybrid co-processor for real-time image understanding 1632
Erten, G. *see* Dongmo, J.M. 9649
Erten, G. *see* Salam, F.M.A. 1674
Ertesvag, I.S. *see* Bedringas, K.W. 38960
Erthou, I. *see* Chawki, M.J. 16721
Ertin, E., Potter, L.C. Polarimetric classification of scattering centers 6902
Ertl, A., Hartl, R.F.E., Zehetmayer, M., Kitz, K., Griffitt, W. TLD array for precise dose measurements in stereotactic radiation techniques 18586
Ertl, H., Kolar, J.W., Zach, F.C. Basic considerations and topologies of switched-mode assisted linear power amplifiers 31130
Ertmer, W. *see* Bettermann, D. 7138
Ertmer, W. *see* Bettermann, D. 27228
Ertugrul, N. *see* Cheok, A. 29685
Ertugrul, Y. *see* Zumray, D. 7972
Erturk, V.B., Rojas, R.G., Roblin, P. Design/analysis of an active integrated antenna 34206
Erukhimov, L.M. *see* Alimov, V.A. 45127
Erup, L. Personal satellite communications 16651
Erup, L. *see* Guinand, P.S. 58145
Erven, C.C. *see* Chisholm, W.A. 8927
Erven, C.C. *see* Ringler, K.G. 38426
Ervin, J.D. *see* Brei, D. 3010
Ervin, M.H. *see* Wei Gao 760
Ervin, R.D. *see* LeBlanc, D.J. 4984
Ervin, R.D. *see* LeBlanc, D.J. 20206
Erwei Bai, Minyue Fui Blind system identification and channel equalization for IIR systems 45486
Eryu, O., Kume, T., Nakashima, K., Nakata, T., Inoue, M. Formation of an ohmic electrode in SiC using a pulsed laser irradiation method 42266
Eryu, Y. *see* Nishibori, K. 51066
Eryurek, E., Upadhyaya, B.R. An integrated fault-tolerant control and diagnostics system for nuclear power plants 38517
Eryurtlu, F., Sadka, A.H., Kondoz, A.M. Error robustness improvement of video codecs with two-way decodable codes 26410
Eryurtlu, F. *see* Sadka, A.H. 16425
Eryurtlu, F. *see* Sadka, A.H. 25696
Eryurtlu, F. *see* Sadka, A.H. 46499
Es-Satte, M., Pellat-Finet, P., Schmied, L., Lesage, A., Lesage, A., Richou, J. Simultaneous measurement of size and velocity of small particles in laminar flows 7253
Esaka, T. *see* Kamata, M. 61105
Esaka, T. *see* Morimoto, H. 60981
Esaki, H. Quantum jump and "Kaizen" toward commercialization of ferroelectric ULSI memories 55000
Esaki, H. *see* Kanai, K. 5716
Esaki, K. *see* Hiroshima, Y. 40580
Esaki, S. *see* Yamada, M. 26302
Esarey, E., Krall, J., Sprangle, P., Ting, A. Pulse propagation in the laser wakefield accelerator 17912
Esarey, E. *see* Hafizi, B. 59150
Esarey, E. *see* Umstadter, D. 17885
Esashi, M. Resonant sensors by silicon micromachining 13194
Esashi, M. Micro electro mechanical systems by bulk silicon micromachining 23061
Esashi, M. *see* Choi, J. 32587
Esashi, M. *see* French, P.J. 32202
Esashi, M. *see* Kong, S. 43411
Esashi, M. *see* Lim, G. 8085
Esashi, M. *see* Minami, K. 54849
Esashi, M. *see* Mineta, T. 27925
Esashi, M. *see* Mizuno, J. 13170
Esashi, M. *see* Ono, T. 40445
Esashi, M. *see* Sugihara, M. 12006
Esashi, M. *see* Sugihara, M. 43410
Esbensen, H., Kuh, E.S. Design space exploration using the genetic algorithm 1078
Esbensen, H. *see* Han Yang Foo 52990

Escadafals, L. *see* Zahorski, D. 58931
Escalada Sardina, G. *see* Diez Carrera, C. 56371
Escalante, M.F. Pulse width modulated inverter with current control 9229
Escalante-Ramirez, B., Lira-Chavez, J. Performance-oriented analysis and evaluation of modern adaptive speckle reduction techniques in SAR images 6919
Escalante-Ramirez, B., Lopez-Miranda, J.R. Edge-orientation-based noise-reduction with polynomial transforms 35326
Escalante-Ramirez, B. *see* Cristobal, G. 34994
Escalante-Ramirez, B. *see* Rivero-Moreno, C. 38042
Escalera, J.C. *see* Hild, R. 44176
Escalona, O.J., McEneaney, D., Anderson, J. Minimally invasive recording of His bundle potentials using a gastro-thoracic electrode system configuration 49620
Escalona, O.J. *see* Mak, M.H. 49612
Escalona, R. *see* Marcano O., A. 44745
Escamilla, J. *see* Sanchez, J. 35622
Esch, A.Van *see* Van Esch, A.
Esch, E.I. *see* Winkler, M. 59142
Esch, H.A.Van *see* Van Esch, H.A.
Eschauzier, R.G.H. *see* de Langen, K.-J. 40933
Eschenbach, E.A. WWW page design: projects for introduction to design for environmental engineers 20636
Eschermann, B., Terwiesch, P. Reliability of HV substation protection enhanced 60951
Eschermann, B. *see* Draber, S. 29819
Eschke, J. *see* Badura, E. 37241
Eschler, J., Dickmann, S., Mlynski, D.A., Molsen, H. Fast adaptive lens based on deformed helical ferroelectric liquid crystal 33150
Escobar, G. *see* Sira-Ramirez, H. 40871
Escobar, G. *see* Sira-Ramirez, H. 51153
Escobosa, A. *see* Mendez-Fernandez, E. 2009
Escofet, J., Navarro, R., Millan, M.S., Pladellorens, J. Detection of local defects in textile webs using Gabor filters 39858
Escofet, J. *see* Millan, M.S. 5193
Escoffier, R. *see* Brisset, C. 22845
Escott, A.E. *see* Curram, S. 9027
Escotte, L. *see* Plana, R. 32379
Escoubas, L., Roche, P., Commandre, M. Near surface and interface absorption in coated substrates 3556
Escourrou, P. *see* Medigue, C. 18196
Escudero, A.Terneus *see* Terneus Escudero, A.
Escudero, C. *see* Dapena, A. 24956
Escudero, C.J. *see* Castedo, L. 57607
Esener, S., McCormick, F. Parallel data transfer from 3-D memories 55178
Esener, S. *see* Harvey, P. 44071
Esener, S. *see* McCormick, F. 55175
Esener, S.C. *see* Chi Fan 23713
Esener, S.C. *see* Chi Fan 33183
Esener, S.C. *see* Marsden, G.C. 13751
Esener, S.C. *see* Van Blerkom, D.A. 36199
Esepkina, N.A., Lavrav, A.P., Dmitriev, S.V. Acoustooptical processor for radio signals with discrete frequency modulation 44123
Esepkina, N.A., Lavrov, A.P. Use of a scanning charge-coupled photodetector for compression of optical signals with linear wavelength modulation 48539
Esepkina, N.A. *see* Bardyshev, A.O. 13742
Esfahani, F., Hofacker, K.-O., Benedix, A., Berger, H.H. Small area optical inputs for high speed CMOS circuits 11248
Esfandiari, B., Deflandre, G., Quinqueton, J., Dony, C. Agent-oriented techniques for network supervision 5962
Eshchin, E.K. Frequency control of asynchronous electric drives of mining machines 51917
Esheng Tang *see* Tang Esheng
Eshleman, C.C. *see* Moscony, J.J. 54006
Eshmurzaeva, L.Kh. *see* Vildanov, R.R. 59047
Eshraghi, S.A. *see* Vuong, H.-H. 43070
Eshraghian, K. Opto-VLSI systems for multimedia computing 55349
Eshraghian, K., Montiel-Nelson, J.A., Nooshabadi, S. An asynchronous morphological processor for multi-media applications 53316
Eshraghian, K. *see* Abbott, D. 54758
Eshraghian, K. *see* Abbott, D. 58755
Eshraghian, K. *see* Lopez, J.F. 11390
Eshraghian, K. *see* Lopez, J.F. 41155
Eshraghian, K. *see* Lopez, J.F. 53287
Eshraghian, K. *see* Mehnert, A. 56921
Eshraghian, K. *see* Moini, A. 25700
Esin, S.K., Gaidash, V.A., Feschenko, A.V., Liiou, A.V., Mirzojan, A.N., Menshov, A.A., Novikov, A.V., Ostroumov, P.N., Dubois, O., Kugler, H., Soby, L., Williams, D.J. A three dimensional bunch shape monitor for the CERN proton linac 37133
Esin, S.K., Kokhanyuk, V.M., Kravchuk, L.V., Ostroumov, P.N., Serov, V.L., Zhuikov, B.L. Isotope production for medical and technical use at Moscow Meson Factory Linac 37208
Esin, S.K., Kravchuk, L.V., Moiseev, V.A., Ostroumov, P.N., Paramonov, V.V., Ebeling, W., Holtkamp, N., Febel, A., Nagl, M., Maidment, J. DESY Linac-III upgrade study 37020
Esin, S.K. *see* Belov, A.S. 37190
Eskander, M.N. Control of losses in double fed induction generators used in WECS 29176
Eskedal, T. *see* Andreassen, R. 46890
Eskelinen, P., Engelberg, J., Salpala, A., Matola, M. A computer controlled multi-reference clock system 27282
Eskelinen, P., Ponka, K. Reflector antenna analysis by simple photography 56153
Eskelinen, P., Salpala, A. Effects of test vehicle patterns on cellular coverage measurements 47592
Esker, P.M. *see* Agarwal, A.K. 42044
Eskiizmirliler, S., Erkmen, A.M., Basaran, F., Nur Cakar, A. A hybrid intelligent diagnostic system based on neural networks and image analysis techniques in the field of automated cytogenetics 59435
Eskikurt, H.I. *see* Arslan, T. 31384
Eskilden, L. *see* Hansen, P.B. 6755
Eskildsen, L. *see* Goldstein, E.L. 26740
Eskildsen, L. *see* Hansen, P.B. 26730
Eskildsen, L. *see* Hansen, P.B. 26879
Eskildsen, L. *see* Nykolak, G. 58373
Eskin, J.D. *see* Barber, H.B. 37663
Esko, T. *see* Starck, J. 28222
Eskola, H. *see* Heinonen, T. 28280
Eskola, H. *see* Heinonen, T. 28282
Eskola, H. *see* Hyttinen, J. 49697
Eskola, H. *see* Laarne, P. 59705
Eskola, H. *see* Lahtinen, A. 59710
Eskola, H. *see* Lehtinen, M. 59712
Eskola, H. *see* Malmivuo, J. 37806
Eskola, H. *see* Malmivuo, J. 59708
Eskola, H. *see* Meretoja, A.-P. 59715
Eskola, H. *see* Suihko, V. 59720
Eskola, H. *see* Suihko, V. 59750
Eskola, H. *see* Taskinen, J. 18189
Es'kov, G.V. *see* Georgievskii, A.M. 31513
Es'kov, V.M., Filatova, O.E., Kozlov, A.P., Papshev, V.A. Measurement of variable parameters of biological objects in motion 49395
Es'kov, V.M., Filatova, O.E., Papshev, V.A. Scanning moving surfaces of biological objects 37608
Eslami, E. *see* Buckley, J.J. 40042
Eslami, E. *see* Buckley, J.J. 40071
Eslami, E. *see* Buckley, J.J. 52473
Eslinger, P. *see* Carlson, A. 38610
Esmaeili, M., Gulliver, T.A., Secord, N.P. Trellis complexity of linear block codes via atomic codewords 4512
Esmaeili, M., Gulliver, T.A., Secordi, N.P. Permutations and quasi-cyclic codes 45636
Esmaeili, M., Gulliver, T.A., Secord, N.P. Quasi-cyclic structure of Reed-Muller codes and their smallest regular trellis diagram 56333
Esmail, D. *see* Hamed, M. 28903
Esmaili, M., Safavi-Naini, R., Pieprzyk, J. Intrusion detection: a survey 46911
Esmaili, M. *see* Naghdy, F. 17805
Esmaili, M. *see* Talaie, A. 17322
Esmailzadeh, R., Nakagawa, M., Sourour, E.A. Time-division duplex CDMA communications 58212
Esman, R.D. *see* Frankel, M.Y. 24591
Esman, R.D. *see* Glassner, D.S. 36137
Esman, R.D. *see* Matthews, P.J. 24585
Esman, R.D. *see* Matthews, P.J. 34441
Esman, R.D. *see* Roman, J.F. 56190
Esogbue, A.O., Qiang Song, Hearnes, W.E., II Defuzzification filters and applications to power system stabilization problems 28791
Esogbue, A.O., Qiang Song, Hearnes, W.E., II Application of a self-learning fuzzy-neuro controller to the power system stabilization problem 60974
Esonu, M. *see* Inkol, R. 19027
Esonu, M. *see* Inkol, R. 50281
Esp, D.G., Ekwue, A.O. Real-time fault diagnosis for transmission systems 38320
Espada, L.I., Chaparro, S., Aguilar, J., Dorrance, M., McKay, M., Payne, K., Drucker, J. Morphological evolution during Ge/Si(100) heteroepitaxy 724
Espana Boquera, M.C., Puerta Notario, A. Injection locked laser modelling in presence of noise 55663
Esparza, F.J., Gomez-Trevino, E. Inversion of magnetotelluric soundings using a new integral form of the induction equation 8355
Esparza, F.J., Gomez-Trevino, E. Implications of spatial filtering on the resolving power of magnetotelluric data 38037
Especel, D., Mattei, S. Total emissivity measurements without use of an absolute reference 17379
Espedal, H.A., Johannessen, O.M., Knulst, J. Satellite detection of natural films on the ocean surface 18913
Espejo, S., Dominguez-Castro, R., Carmona, R., Rodriguez-Vazquez, A. Hybrid-control of synapse circuits for programmable cellular neural networks 1669
Espen, P.J.M.van *see* van Espen, P.J.M.
Esper, A.J. *see* Green, M.A. 37081
Esper, A.J. *see* Jia, L.X. 49162
Esper, P. *see* Krzeminski, R. 28337
Esper-Chain, R., Lassen, P.S., Lopez, J.F., Sarmiento, R. Implementation of a 2.5 Gb/s ATM transceiver in GaAs technology 58081
Espi, J. *see* Bataller, M. 11303
Espi, J.M. The technology of current sensors for satellite power systems 7255
Espi, J.M., Carrasco, J.A., Navarro, E., Sanchis, E. An induction heating plate with VSR structure 51854
Espi Huerta, J.M. *see* Garcia Gil, R. 11175
Espinal-Berenguer, A., Satorra, A. Survival analysis with measurement error on covariates 420
Espindola, R.P. *see* Atkins, R.M. 43945
Espinos, J.P. *see* Jimenez, V.M. 32079
Espinos, J.P. *see* Jimenez, V.M. 32080
Espinosa, F.Montero de *see* Montero de Espinosa, F.
Espinosa, F.R.Montero de *see* Montero de Espinosa, F.R.
Espinosa, G., Gammage, R.B., Meyer, K.E., Dudney, C.S. Nuclear track analysis by digital imaging 7825
Espinosa, L., Weigh-Jen Chen The effect of teacher inservice training on technology and multiage grouping: Year One evaluation of Constructing and Networking for Multiage Learning project 30063
Espinosa, R.I. *see* Vanhoenacker, L. 9000
Espinosa, R.J. *see* Chang, S.K. 8722
Espinosa-Perez, G., Campos-Canton, I., Lara-Reyes, P., Gomez-Becerril, D. Passivity-based speed control of a 2ϕ induction motor: experimental results 9227
Espinosa-Perez, G., Campos-Canton, I., Ortega, R. On the experimental robustness of a passivity-based controller for induction motors 9222
Espinosa-Perez, G., Ortega, R., Nicklasson, P.J. Torque and flux tracking of induction motors 29298
Espinoza, J. *see* Bakhshai, A. 29450
Espinoza, J. *see* Valladares, C.E. 24484
Espinoza, J.R., Joos, G. Current-source converter on-line pattern generator switching frequency minimization 51194
Espinoza-Beltran, F.J. *see* Becerril, M. 42389
Espinoza-Beltran, F.J. *see* Picos-Vega, A. 41917
Espo, G.A., Hopper, D.G. High performance applications of electroluminescent displays 17629
Esposito, A. *see* Angelone, M. 8189
Esposito, F. *see* Tascini, G. *(editor)* 75
Esposito, N., Raugi, M., Tellini, A. 3-D numerical simulation of plasma armature railguns 24425
Esposito, N. *see* Angeli, M. 24423
Esposito, N. *see* Cardelli, E. 24424
Esposito, S. Classical $v_{gr} \neq c$ solutions of Maxwell's equations and the photon tunneling effect 34171
Esposito, S. *see* Alberti, G. 28595
Espy-Wilson, C.Y. *see* Bitar, N.N. 15119
Esquerre, J.P. *see* Gantet, P. 37618
Esquivel, A. *see* Chatterjee, A. 54800
Esquivel, J. *see* Chatterjee, A. 2805
Esquivel, S.C., Leguizamon, G.M., Gallard, R.H. A hybrid strategy for load balancing in distributed systems environments 57893
Esquivias, I. *see* Czotscher, K. 3882
Esquivias, I. *see* Gomez-Alcala, R. 23994
Esquivias, I. *see* Weisser, S. 23957
Esquivias-Moscardo, I. *see* Gomez-Alcala, R. 33487
Esry, T. *see* Lagowski, J. 42616
Essa, I. *see* Basu, S. 5632
Essa, I.A. *see* Darrell, T.J. 15956
Essabaa, S. *see* Arianer, J. 37191
Essah, D.N., O'Connell, R.M., Wallace, R.S. Design and test of a variable topology converter for electric motor drive applications 29413
Essaid, R. *see* Laire, O. 10710
Essaidi, H., Bernede, J.C., Khelil, A., Pouzet, J., Morsli, M. Improvement of the electrical properties of WSe_2 layers by iodine treatment 12320
Essaidi, H. *see* Bernede, J.C. 32183
Essandoh-Yeddu, J. Photovoltaic R&D and applications in Ghana: current status and prospects 50825
Essebbar, A. *see* Loubet, G. 48031
Esselbach, M. *see* Rehn, H. 3571
Esselbach, M. *see* Rehn, H. 4071
Esselink, E. *see* Garten, F. 55448
Esselink, F.J. *see* Veenstra, S.C. 23682
Esselle, K. *see* Carrie, J. 35944
Esselle, K.P. Circularly polarised low-profile rectangular dielectric-resonator antenna: FD-TD and experimental results 34277
Esseltine, W.A. *see* Byczynski, G.E. 10932
Essen, A.von *see* von Essen, A.
Essen, H., Schimpf, H. Remote sensing with an airborne 94-GHz synthetic aperture radar 16913
Esser, B. *see* Scheibner, K. 922
Esser, H. *see* Adam, A. 37280
Esser, N. *see* Knorr, K. 42434
Esser, N. *see* Richter, W. 42549
Esser, P.D. *see* Dobrzeniecki, A.B. 8012
Essex, T. *see* Walker, D.J. 49406
Essiambre, R. *see* van Tartwijk, G.H.M. 33649
Essiambre, R.-J., Agrawal, G.P. Timing jitter of ultrashort solitons in high-speed communication systems. I. General formulation and application to dispersion-decreasing fibers 43950
Essiambre, R.-J., Agrawal, G.P. Timing jitter of ultrashort solitons in high-speed communication systems. II. Control of jitter by periodic optical phase conjugation 47922
Essien, M., Frear, D., Sackinger, P. Computational modeling of direct molten solder delivery for ball grid array applications 22037
Essien, M., Sackinger, P.A., Peebles, H.C. Computational modeling of on-demand solder delivery for fluxless MCM packaging applications 53859
Essig, B., Kahnert, H. Control room design [for power stations] 19437
Essig, D. *see* Johns, D.A. 47516
Essig, M. *see* Debus, J. 59405

Essig, M. *see* Knopp, M.V. 8010
Estabau, J., Lalande, F., Rogers, C.A. A theoretical modeling of wave localization due to material damping [in PZT actuator-sensor structural health monitoring] 7301
Esteb, N. *see* Fisher, C. 19156
Esteban, H., Lopez, J.M., Borla, V.E., Baquero, M., Ferrando, M. A generalized method for characterizing two-dimensional scattering problems with spectral techniques 33922
Esteban, J. *see* Alonso-Juaristi, P.I. 53552
Esteller, R., Mora, F., Passariello, G., Ginart, A., Mendoza, I., Marques, J. VLF component·attenuation in chagasic myocardiopathy measured in Holter recordings 59589
Esterowitz, L. *see* Pinto, J.F. 55592
Esterson, M. *see* Chen, X. 53973
Esterson, M. *see* Lindsay, P.A. 31706
Estes, D.G. Early supplier involvement in design: design-to-cost strategy [PCB procurement] 11852
Estes, J.E. *see* Foresman, T.W. 18941
Estes, J.E. *see* Frohn, R.C. 8563
Estes, K.A., Mudawar, I. Comparison of two-phase electronic cooling using free jets and sprays 30308
Estes, L.E., Fain, G., Harris, J.D., II Laser beam propagation through the ocean's surface 45166
Estes, M. *see* Yamazaki, K. 20445
Estes, T.A. *see* Au, D.T.W. 1810
Estes, T.A. *see* Rust, R.D. 1795
Esteve, D. BARMINT Project for promoting standards in microsystem integration 32574
Esteve, D. *see* Bouchiat, V. 2497
Esteve, D. *see* Bouchiat, V. 22903
Esteve, D. *see* Val, A. 28057
Esteve, J. *see* Benitez, M.A. 13174
Esteve, J. *see* Folch, A. 52811
Esteve, J. *see* Polo, M.C. 40600
Esteve, J. *see* Serre, C. 12688
Esteves, E.S., Scholtz, R.A. Performance analysis of a random access CDMA system with multiuser detection 46673
Estevez, A.Morgado *see* Morgado Estevez, A.
Estevez, L., Kehtarnavaz, N., Wendt, R., III. Interactive selective and adaptive clustering for detection of microcalcifications in mammograms 18195
Esthappan, J. *see* Hoffmann, K.R. 37652
Esthappan, J. *see* Hoffmann, K.R. 49506
Estrada, M. *see* Cerdeira, A. 37404
Estreicher, S.K., Hastings, J.L., Fedders, P.A. The ring-hexavacany in silicon: a stable and inactive defect 41842
Estrela, R., Ramos, J.A., Soriano, J.C. Laser beam characteristics related to the design of a system to improve engraving process 55792
Estrella, A. *see* Weerackody, V. 47693
Estrera, J. *see* Chaney, R. 59362
Estrin, D. *see* Liming Wei 46825
Eswar, K. *see* Choi-Grogan, Y.S. 14561
Eswaran, C. *see* Santosh, N. 5016
Eswarappa, C., Hoefer, W.J.R. Real time interface between 3D expanded-TLM and Yee's FDTD modules 34124
Etchepare, J. *see* Loulergue, J.C. 17850
Etchepareborda, A. *see* Guido, P.N. 29005
Etchin, S. *see* Thompson, W. 18080
Etemad, K., Chellappa, R. Face recognition using discriminant eigenvectors 25398
Etemadi, R., Godet, C., Perrin, J., Drevillon, B., Huc, J., Parey, J.Y., Rostaing, J.C., Coeuret, F. Dual-plasma reactor for low temperature deposition of wide band-gap silicon alloys 30917
Etgens, V.H., Ribeiro-Teixeira, R.M., Mors, P.M., Veron, M.B., Tatarenko, S., Sauvage-Simkin, M., Alvarez, J., Ferrer, S. Two-layer behaviour during low-energy ion ablation of CdTe(001) studied by in situ X-ray diffraction and by Monte Carlo simulation 12756
Etheredge, J.N. Pattern match reduction in a KBMS via the maintenance of derived intermediate relations 25545
Etheridge, J. The Cintel story 58563
Etherton, D.C., Johnson, M.M., Polyzos, G.C. Approximating the FDDI synchronous mode 47200
Ethiraj, R. *see* Borkar, V.G. 4364
Ethiraj, R. *see* Rao, P.R. 1691
Ethiraj, R. *see* Vardhani, C.P. 3428
Etienne, B., Laruelle, F., Wang, Z., Sfaxi, L., Lelarge, F., Petit, F., Melin, T., Cavanna, A. Towards the optimization of the growth and properties of modulated electron systems on GaAs vicinal surfaces 810
Etienne, B. *see* Kumar, A. 12469
Etienne, B. *see* Perez, F. 12390
Etienne-Cummings, R., Van der Spiegel, J. Neuromorphic vision sensors 7424
Etienne-Cummings, R., Van der Spiegel, J., Mueller, P. A focal plane visual motion measurement sensor 25554
Etienne-Cummings, R., Van Der Spiegel, J., Mueller, P. VLSI model of primate visual smooth pursuit 58670
Etienne-Cummings, R. *see* Mueller, P. 34707
Etikan, H. *see* Bashirov, A.E. 56508
Etingof, M.I. *see* Knyazhitskii, A.I. 48917
Etling, D. *see* Alpers, W. 8432
Eto, J., Moezzi, M. Metered residential cooling loads: comparison of three models 61346
Eto, J.H. *see* Koomey, J.G. 51635
Eto, M., Kagawa, Y. Computational simulation of electrohydrodynamic motion of insulating oil under DC high voltage 13299
Eto, Y. *see* Murata, B.N. 17053
Etoh, H. *see* Hama, T. 41608
Etoh, M. The role of computer vision in moving picture coding 46093
Etoh, M., Choong Seng Boon, Kadono, S. Template-based video coding with opacity representation 35190
Etrich, C. *see* Peschel, U. 55856
Etrillard, J. *see* Chen, Y. 44038
Etsell, T.H. *see* Tang, E.Z. 40631
Ettemeyer, A. Laser optical strain sensor for non-contact and whole field strain analysis 10993
Ettemeyer, A. Laser optical strain sensor–technique and applications 33774
Etten, W.van *see* van Etten, W.
Ettenberg, M.H., Jesser, W.A., Rosi, F.D. A new n-type and improved p-type pseudo-ternary $(Bi_2Te_3)(Sb_2Te_3)(Sb_2Se_3)$ alloy for Peltier cooling 31905
Etter, D. *see* Ford, C. 25055
Etter, D.M., Orsak, G. Virtual teaming experiences 20531
Etter, D.M., Orsak, G.C., Johnson, D.H. Distance teaming experiments in undergraduate DSP 9920
Etter, D.M. *see* Coffey, M.A. 28599
Etter, D.M. *see* De Leon, P.L. 4876
Etter, D.M. *see* De Leon, P.L. 15016
Ettes, W.G.M. *see* Mulder, M. 9332
Ettinger, G.J., Klanderman, G.A., Wells, W.M., Grimson, W.E.L. A probabilistic optimization approach to SAR feature matching 6941
Ettrich, K. *see* Welsch, E. 3325
Ettrich, K. *see* Welsch, E. 44194
Etzel, A. An iterative approach to hierarchical wire routing 11055
Etzel, S.M. *see* Rose, A.H. 58819
Etzion, E. *see* Abe, K. 59233
Etzion, T. Cascading methods for runlength-limited arrays 24742
Etzioni, O., Hanks, S., Jiang, T., Karp, R.M., Madani, O., Waarts, O. Efficient information gathering on the Internet 6195
Euerle, S.E. *see* Stein, P.J. 18911
Eugelmann, G. *see* Kallmayer, C. 31649
Eugenieva, E. *see* Dreischub, A. 33718
Eugenieva, E. *see* Dreischuh, A. 7621
Euh-Suh Koo *see* Jung-Ik Ha 29789
Eui Pyun Kwang *see* Kwang Eui Pyun
Eui Pyun Kwhang *see* Kwhang Eui Pyun
Eui Seop Poong, Byoung Hwa Kim, Hyun Sik Ahn, Do Hyun Kim Implementation of an automatic face recognition system using the object centroid 15684
Eui-Chul Shin *see* Kwang-Sik Lee 2889
Eui-Hyeok Yang, Sang-Sik Yang An accelerometer with polysilicon piezoresistors bulk-micromachined using a p+ silicon etch-stop layer 48925
Eui-Hyeok Yang *see* Ok-Chan Jeong 29910
Eui-Hyeon Hwang, Rao, K.V., Byung-Moo Moon Fabrication and characteristics of ferroelectric PNZT/YBaCuO heterostructures 40561
Eui-Sik Hwang *see* Ha, T.T. 26684
Eui-Young Chung *see* Hanbin Kim 11285
Euijoon Yoon *see* Ki-Hyun Hwang 32162
Euijoon Yoon *see* Ki-Hyun Hwang 42513
Eula, G. *see* Belforte, G. 27508
Euler, R., Memmert, U., Hartmann, U. Fiber interferometer-based variable temperature scanning force microscope 48634
Euler, S. A time continuous model for speech recognition 15007
Euler, S. A continuous-time model for speech recognition 34664
Euler, S., Reininger, H. Access control by speaker verification–first experience from practical use 34674
Eum Kyoung-Bae *see* Kyoung-Bae Eum
Eun, S. *see* Cho, K.-H. 46593
Eun A. Lee, Bum-Soo Kim, Sung Ho Shin, Jung Il Park, Kwang Ja Park Preparation of polycrystalline CdS thin films by chemical bath deposition 40498
Eun Changsoo *see* Changsoo Eun
Eun Cho Gi *see* Gi Eun Cho
Eun Chung Chong *see* Chong Eun Chung
Eun Kee Kim, Yoon Yeong Bae Letdown system instability at Yonggwang Nuclear Power Plant Unit 3 38543
Eun Kee Kim *see* Han-Soo Lee 29046
Eun Kim Bo *see* Bo Eun Kim
Eun Kim Chang *see* Chang Eun Kim
Eun Kyu Kim *see* Chang-Sik Son 31815
Eun Kyu Kim *see* Cheol Koo Hahn 12423
Eun Kyu Kim *see* Min-Suk Lee 40374
Eun Kyu Kim *see* Seong-Il Kim 10756
Eun Kyu Kim *see* Tae Geun Kim 33531
Eun Kyu Kim *see* Tae-Geun Kim 23899
Eun Kyung Suh *see* Ki Hyun Cho 31784
Eun Seong Lee, Jae Won Hahn Four-pass amplifier for the pulsed amplification of a narrow-bandwidth continuous-wave dye laser 13986
Eun Sok Kim *see* Hai Yan 17115
Eun Sok Kim *see* Woo Wai Lau 13406
Eun Song Jung *see* Jung Eun Song
Eun Sungbae *see* Sungbae Eun
Eun-Chang Choi *see* Byoung-Whi Kim 32021
Eun-Chul Lee *see* Cheol-Jin Lee 23692
Eun-Ho Choi *see* Won-Kyu Hong 47363
Eun-Ho Lee *see* Seok-Whan Chung 44149
Eun-Joo Ha, Jae-Hyuk Do, Jong-Tae Park, Chi-Moon Han Dynamic virtual path bandwidth control over multiple transmission links in an ATM network 46596
Eun-joo Shin *see* Young-Nam Hwang 12500
Eun-Joo Shin *see* Young-Nam Hwang 22392
Eun-Kyu Kim *see* Tae-Geun Kim 12422
Eun-San Kim, Hirata, K. Bunch lengthening with bifurcation in electron storage rings 49242
Eun-Soo Kim *see* Hoon-Gee Yang 57397
Eun-Soo Kim *see* Moon-Ho Kye 51324
Eun-Soo Kim *see* Seung-Hyun Lee 48408
Eun-Soo Kim *see* Soo-Gil Kim 44769
Eun-Soon Oh *see* Moon-Deock Kim 24017
Eung Ho Rhee *see* Byung Hoon Jeong 54462
Eung Sang Lee *see* Jianlin Li 33137
Eung Soo Kim *see* Ki Hyun Yoon 2940
Eung Soo Kim *see* Kihyun Yoon 54934
Eung Suk Lee 'Z' approaching minimum zone method for flatness and straightness error calculation 7569
Eung Sung Kim *see* Tae Won Hur 57055
Eung-Joo Lee *see* Yong-Suk Kim 57064
Eung-Sang Lee *see* Ki Hyung Kang 58933
Eunghyuk Lee *see* Jungsun Park 14952
Eungsu Kim, Byungsung Kim, Sangwook Nam Analysis of electromagnetic wave transmission through a choke using FE-BIM with arbitrary incident angle/polarization 34110
Eunju, K. *see* Kurosawa, T. 59851
Eunkyoung Kim, Kwangyong Lee, Suh Bong Rhee Electrochromic window based on poly(aniline-N-butylsulfonate)s with a radiation-cured solid polymer electrolyte film 43883
Eunkyung Cho *see* Jaeong Park 46766
Eunyong Ha, Yanghee Choi, Chongsang Kim A multicast-based handoff for seamless connection in picocellular networks 58203
Eupen, M.Van *see* Van Eupen, M.
Eusebio, F. *see* Silva, A. 7187
Eustace, R., Merrington, G. A probabilistic neural network approach to jet engine fault diagnosis 38021
Eustes, S.S. Small is hot [flat panel displays] 48793
Eustis, T.J. *see* Jinwook Burm 42254
Eutebach, T., Wolff, N., Birou, I. Parameter optimization of a conventional PI-speed controller by a fuzzy-logic-estimator 61205
Eutebach, T. *see* Wolff, N. 61206
Euteneur, A. *see* Mackh, G. 22316
Euverte, J.-M.F.M. *see* Tirat, O.F.J. 36591
Eva, E., Mann, K. Nonlinear absorption phenomena in optical materials for the UV-spectral range 55163
Evangelatos, A. *see* Hontas, S. 35415
Evangelides, S.G. *see* Bergano, N.S. 26823
Evangelista, C. *see* Paolucci, P. 37242
Evangelista, G. Pseudo-periodic 1/f-like noise 34914
Evangelisti, A., Burgassi, S., Talluri, T. Organ vitality assessed with bioelectric impedance analysis 37791
Evangelisti, F. *see* Capellini, G. 40571
Evangelisti, F. *see* Di Gaspare, L. 2119
Evangelou, E.K. *see* Cavouras, D. 8027
Evanko, S.M. *see* Gesell, L.H. 56497
Evanko, S.M. *see* Phillips, L.C. 27001
Evankow, J.D. *see* Bergano, N.S. 26823
Evanosky, T.L. *see* Osenbach, J.W. 55721
Evans, A. *see* Zijdenbos, A. 18502
Evans, A.C. *see* Colins, D.L. 18218
Evans, A.C. *see* Holmes, C.J. 18377
Evans, A.C. *see* Kwan, R.K.-S. 18380
Evans, A.C. *see* Murase, K. 18273
Evans, A.F. *see* Buckland, E.L. 55885
Evans, A.G. *see* Bagchi, A. 42623
Evans, A.G.R. *see* Emeleus, C.J. 42225
Evans, A.G.R. *see* Koch, M. 23083
Evans, A.G.R. *see* Koch, M. 32568
Evans, A.L. *see* Mackie, R.T. 28341
Evans, B.G., Tafazolli, R. Future multimedia communications via satellite 26367
Evans, B.G. *see* Agius, A.A. 26582
Evans, B.G. *see* He, X. 26559
Evans, B.G. *see* Lee, J. 35996
Evans, B.G. *see* Mertzanis, I. 47851
Evans, B.G. *see* Parks, M.A.N. 35992
Evans, B.G. *see* Saunders, S.R. 35960
Evans, B.G. *see* Sfikas, G. 26595
Evans, B.G. *see* Sun, Z. 47240
Evans, B.L. *see* Chiang, K.H. 9917
Evans, B.L. *see* Mani, R. 24899
Evans, B.L. *see* Schwarz, C. 46267
Evans, B.L. *see* Shao, J. 10826
Evans, C.J. *see* Lewis, D.G. 59472
Evans, D., Robertson, S.J., Smart, D. The mechanical properties of glass fabric composites following heat treatment and thermal cycling 52849
Evans, D. *see* Downing, E.A. 7500
Evans, D. *see* Du, Y. 47130
Evans, D. *see* Freeman, A. 16908
Evans, D. *see* Roedel, R.J. 20577
Evans, D.A., Wolffframm, D., Gnoth, D., Cairns, J., Wright, A.C., Evans, M., Riley, J., Westwood, D., Woolf, D.A. Metal overlayers on the MBE-grown ZnSe(001) surface 2245
Evans, D.A. *see* Gnoth, D.N. 40346
Evans, D.A. *see* Thornton, J.M.C. 2244

Evans, D.C. Infrared facial recognition technology being pushed toward emerging applications 57379
Evans, D.F. *see* Meeson, S. 18450
Evans, D.G., Pettitt, S., Blenkhorn, P. A head operated 'joystick' 7581
Evans, D.H. *see* Smith, J.L. 28090
Evans, D.H. *see* Smith, J.L. 49555
Evans, D.J., Sanossian, H.Y.Y. A hierarchical artificial neural network architecture for English character recognition 35117
Evans, D.J., Wenyu Sun, De Sampaio, R.J.B., Yuan, J.Y. The restricted generalized inverses corresponding to constrained quadratic system 21148
Evans, D.J. *see* Bamigbola, O.M. 384
Evans, D.J. *see* Bhuruth, M. 528
Evans, D.J. *see* Cao, Z.-H. 21121
Evans, D.J. *see* Cha, Y.S. 43760
Evans, D.J. *see* Changjun Li 21120
Evans, D.J. *see* Chawla, M.M. 607
Evans, D.J. *see* Niemann, R.C. 43749
Evans, D.R., Dennis, W.M., Basun, S., Kane, J., Yocum, P.N. Fluorescent transient and photoconductivity measurements in Ce^{3+}-doped thiogallate crystals 55410
Evans, D.R., Raukas, M., van Schaik, W., Happek, U., Dennis, W.M., Yen, W.M., Basun, S. The influence of Zr^{4+} and Ca^{2+} on the luminescence efficiency of Y_2O_3:Eu^{3+} 13825
Evans, D.R. *see* Raukas, M. 13823
Evans, D.R. *see* Tue Nguyen 2444
Evans, E. Market planning in aviation maintenance 28498
Evans, G. *see* Petrie, H. 4601
Evans, G.A. *see* Nai-Hsiang Sun 13645
Evans, G.H. *see* Thompson, A.G. 10853
Evans, H. *see* Fuller, R. 21386
Evans, H.E. *see* Dyer, C.S. 28555
Evans, I. *see* Taucher, F. 43312
Evans, J., Evans, J., Prabhu, A.S., Dasgupta, A. Software environment for reliability assessment of advanced interconnect technologies 30238
Evans, J. *see* Evans, J. 30238
Evans, J. *see* Krishnamurthy, V. 4664
Evans, J. *see* McClaskey, P. 18621
Evans, J., II *see* Jamrozik, H.A. 5943
Evans, J.B. *see* Bush, S.F. 6505
Evans, J.B. *see* Bush, S.F. 6582
Evans, J.B. *see* Lazarou, G.Y. 6085
Evans, J.B. *see* Sei-Yeu Cheng 31322
Evans, J.C. *see* Nilson, D.G. 36663
Evans, J.D. *see* Anderson, J.A. 8710
Evans, J.F., Blue, T.E. Shielding design of a treatment room for an accelerator-based epithermal neutron irradiation facility for BNCT 8214
Evans, J.F. *see* Zazzera, L.A. 23047
Evans, J.G., Shober, R.A., Wilkus, S.A., Wright, G.A. A low-cost radio for an electronic price label system 47543
Evans, J.H. *see* Davidson, J.A. 12204
Evans, J.H. *see* Davidson, J.A. 32355
Evans, J.L. *see* Schweizer, S.M. 15145
Evans, J.M., Petricevic, V., Delgado, A., Alfano, R.R., Qiang Fu Kilohertz Cr:forsterite regenerative amplifier 3753
Evans, J.M. *see* Petricevic, V. 3795
Evans, J.T. *see* Wake, R.N. 7300
Evans, J.W., Evans, J.Y., Byung Kil Yu Designing and building-in reliability in advanced microelectronic assemblies and structures 39921
Evans, J.W. *see* Prabhu, A.S. 30230
Evans, J.W. *see* Yufei Chen 29758
Evans, J.Y. *see* Evans, J.W. 39921
Evans, K. *see* Green, R.G. 39332
Evans, K. *see* Green, R.G. 61242
Evans, K. *see* Morkoc, H. 12362
Evans, K. *see* Silkowski, E. 12621
Evans, K.E. *see* Pickles, A.P. 945
Evans, K.R., Ting Lei, Jones, C.R. Gallium incorporation kinetics during gas source molecular beam epitaxy growth of GaN 30842
Evans, K.R. *see* Jones, C.R. 21263
Evans, L.A. *see* MacFarlane, D.R. 23586
Evans, M. Managing change within BT's operational support systems 30080
Evans, M. *see* Evans, D.A. 2245
Evans, M. *see* Gardner, T.N. 18303
Evans, M.J., Wakeman, F.J., Mawby, P.A. The influence of device parameters and load configurations on the turn-on performance of gate turn-off thyristors 42973
Evans, M.J. *see* Moseley, H. 8190
Evans, M.J. *see* Saleem, S.K. 45818
Evans, M.M.R. *see* Glueckstein, J.C. 10844
Evans, M.S. *see* Kazerooni, H. 59022
Evans, N.E. *see* Crumley, G.C. 58102
Evans, N.E. *see* Scanlon, W.G. 59532
Evans, P. *see* O'Dwyer, J. 44884
Evans, P.D. *see* Bresnahan, K. 60736
Evans, P.S.A. *see* Shepherd, P.R. 41501
Evans, P.W., Wierer, J.J., Holonyak, N., Jr. Photopumped laser operation of an oxide post GaAs-AlAs superlattice photonic lattice 44454
Evans, P.W. *see* Wierer, J.J. 14092
Evans, R. *see* Cosmas, J. 26243
Evans, R. *see* Holmes, R. 1812
Evans, R. *see* Kokas, J. 1809
Evans, R. *see* Pennell, M. 21820
Evans, R.J. *see* Bardwell, J.A. 12654
Evans, R.J. *see* Skafidas, E. 25237
Evans, R.J. *see* Skafidas, E. 28641
Evans, R.J. *see* Tonissen, S.M. 6980
Evans, S.C. *see* Huckridge, D. 38169
Evans, T.C. Practical considerations for the design, performance, and application of plastic BGA packages 211
Evans, T.F. Cellemetry℠–telemetry via cellular 46994
Evans-Lutterodt, K. *see* Marcus, M.A. 42794
Evbuomwan, N.F.O. *see* Anurnba, C.J. 35548
Evdokimov, K. *see* Grigorian, V. 18742
Evdokimov, V.M. *see* Arbuzov, Yu.D. 29643
Evdokunin, G.A., Ragozin, A.A. Investigation of steady-state stability limit load operations of long distance transmission lines with controlled shunt 8893
Eve, T. *see* Fourcade, F. 60494
Evei, C. *see* Nix, A.R. 47210
Evely, M.R. *see* Brown, H.T. 17194
Even, P., Ait-Ameur, K., Stephan, G. Line shape of an injected laser 13959
Even, P., Ameur, K.A., Stephan, G.M. Modeling of an injected gas laser 44352
Evensen, L., Jakobsson, B., Westgaard, T., Whitlow, H.J. Thin detectors for the CHICSi ΔE-E telescope 59259
Evenson, K.M. *see* Tachikawa, M. 44347
Evenson, K.M. *see* Vasconcellos, E.C.C. 44344
Evenson, K.M.. *see* Vasconcellos, E.C.C. 44346
Evenson, K.M. *see* Zerbetto, S.C. 44345
Evenson, S.A. *see* Hobson, R.F. 21703
Everaert, J.L., Verhaegen, F., van Meirhaeghe, R.L., Uyttenhove, J., Cardon, F. Quantitative prediction of acceptor concentration reduction in boron doped silicon due to electron irradiation 2229
Everall, L.A. *see* Sugden, K. 55190
Everall, L.A. *see* Sugden, K. 55191
Everand, J.K.A. Low noise oscillators: Theory and design 53073
Everard, J.K.A. Low noise oscillators: theory and design 31141
Everard, J.K.A. *see* Page-Jones, M.A. 21935
Everat, J.-C. *see* Bertrand, G. 4998
Everat, J.-Ch., Bertrand, G. New topological operators for segmentation 57490
Everest, A.W. *see* Chaplin, C.P. 8459
Everett, A.M. *see* McAlevey, L. 39656
Everett, C.L. Phase noise contamination to Doppler spectra 26951
Everett, H.R. *see* Borenstein, J. 58995
Everett, J. *see* Capone, B. 17531
Everett, J. *see* Dhalle, M. 32894
Everett, M. *see* Perry, M.D. 14509
Everett, M.J., Stuart, B.C., Perry, M.D. Chirped pulse amplification of shaped laser pulses–minimization of distortion caused by self-phase modulation in amplifiers 7645
Everett, P.N. *see* Moon, E.E. 22720
Everhart, D. *see* Josse, F. 36764
Everhart, D. *see* Lee, Y. 17310
Everhart, D. *see* Rongnong Zhou 27485
Everige, J. *see* Ling, Y. 10928
Everington, M.L., Augousti, A.T. Noncontact measurement of rotating shaft characteristics using optical fiber techniques 17409
Everitt, B.A. *see* Pohm, A.V. 3257
Everitt, D. *see* Mei Mei 6121
Everitt, F. *see* Buchman, S. 7545
Everitt, H., Nachef, J., Virgin, M. Full services network – operations and management 47410
Everitt, H., Virgin, M. Full services network operations and management 36344
Evers, D.P. *see* Vigon, B.W. 28985
Eversmann, K. *see* Dorr, M. 55079
Everson, R., Cornillon, P., Sirovich, L., Webber, I.A. Empirical eigenfunction analysis of sea surface temperatures in the Western North Atlantic 28648
Everson, R. *see* Manin, D. 28622
Everton, J. *see* Chou, W. 30163
Evertsz, C.J.G., Jurgens, H., Peitgen, H.-O., Berghorn, W., Biel, M., Breitenborn, J., Dachwitz, S., Dorn, T., Habermalz, E., Haidekker, M., Lang, M., Netsch, T., Scheil, U., Schindewolf, T. Computer assisted problem-solving in radiology 49449
Evertz, J. *see* Pfeifer, T. 3936
Evgen'ev, A.O. *see* Fursei, G.N. 53898
Evlyukhin, A.B. *see* Dmitriev, A.V. 41967
Evon, S.T. *see* Saunders, L.A. 51646
Evrard, C. *see* Ramaswamy, G.N. 60220
Evrard, L., Bigand, A., Dubus, J.-P. Fuzzy image analysis using multistripe structured light 46030
Evrard, O. *see* Vermeulen, T. 39027
Evrard, R. *see* Gurskii, A.L. 40476
Evreinov, G.E. *see* Agranovski, A.V. 8177
Evstropov, V.V., Zhilyaev, Yu.V., Dzhumaeva, M., Nazarov, N. Tunnel excess current in nondegenerate barrier (p-n and m-s) silicon-containing III-V structures 42066
Evsyutkin, V.S. *see* Aristov, P.A. 17276
Evtich, M. *see* Andreev, A.M. 19942
Evtikhiev, N.N., Kurtev, N.D., Golub', B.I., Banduryan, B.B., Efremenko, V.G. Using high-temperature superconductivity to broaden the measurement and functional possibilities of thermal-vision systems 55145
Evtikhiev, N.N., Onyky, B.N., Repin, D.V., Scherbakov, I.B., Starikov, R.S., Zabulonov, M.I. Optical hardware implementation of the two-layer neural network with the pre-processing unit for invariant pattern recognition 5457
Evtikhiev, N.N., Radominov, O.E., Pappe, G.E., Brazhnikov, A.E., Odinokov, S.B., Kvashin, V.A., Tugikov, V.Z., Petrov, A.V. Optoelectronic processor for radar imaging based on the multichannel acousto-optical modulator 6955
Evtukh, A.A., Litovchenko, V.G., Marchenko, R.I., Klyui, N.I., Popov, V.G., Semenovich, V.A. Peculiarities of the field emission with porous Si surfaces, covered by ultrathin DLC films 53923
Evtukh, A.A., Litovchenko, V.G., Marchenko, R.I., Kydzinovski, S.Yu. Layered structures with delta-doped layers for enhancement of field emission 53941
Evtukh, A.A., Litovchenko, V.G., Popov, V.G. The multilayer silicon nitride films as a media for charge storage in MNOS structures 2277
Evtukh, A.A. *see* Litovchenko, V.G. 41753
Evtukh, A.A. *see* Romanyuk, B.N. 2328
Evtushenko, G.S. Applications of pulsed metal vapour lasers in atmospheric optics 8423
Evwaraye, A.O., Smith, S.R., Mitchel, W.C. Electrical and optical properties of defects in n-type 4H-SiC 42018
Evwaraye, A.O. *see* Mitchel, W.C. 54136
Evwaraye, A.O. *see* Smith, S.R. 2575
Evzhenko, V.M., Blasek, R. Current situation with regard to PCB production in the countries of the former USSR and the Eastern Europe 11927
Ewada, E. Advances in nonstationary adaptive signal processing 56518
Ewald, A. *see* Roy, M. 47101
Ewan, G.T. Status of Sudbury neutrino observatory 7820
Ewanich, J. *see* Iwase, N. 20883
Ewart, G. *see* Clegg, B. 38916
Ewart, P. *see* Bratfalean, R. 14361
Ewart, P. *see* Kaminski, C.F. 30871
Ewart, P. *see* Kaminski, C.F. 36952
Ewart, T.E. *see* Bong-Gee Song 6992
Ewbank, M. *see* Noblett, P. 55871
Ewbank, M.D., Rosker, M.J., Bennett, G.L. Frequency tuning a mid-infrared optical parametric oscillator by the electro-optic effect 55849
Eweda, E. Tracking analysis of the sign-sign algorithm for nonstationary adaptive filtering with Gaussian data 56578
Eweda, E., El-Deen Ahmed, H., Bassiouney, M.A., El-Azim El-Mahdi, A. Adaptive system identification based on adaptation with data discarding 56519
Ewen, B. *see* Allison, W.W.M. 37269
Ewen, J.F. *see* Widmer, A.X. 26425
Ewin, A. *see* Babu, S.R. 49872
Ewins, D.J. *see* Stanbridge, A.B. 59034
Ewler, T. Charging and discharge of ICs in transit on vibratory conveyors 13078
Excell, P.S. Modelling of handsets, antennas, heads and hands in the FDTD method 47834
Excell, P.S. *see* Zunfu Jiang 21891
Exley, G.M., Merakos, L.F. Throughput performance of a CDMA linked-cluster packet radio network 36011
Exner, M. *see* Muller, J. 1869
Exner, P., Seba, P. Resonance statistics in a microwave cavity with a thin antenna 56113
Exposito, A.G. *see* Abur, A. 50305
Exposito, A.Gomez *see* Gomez Exposito, A.
Exter, M.P.van *see* van Exter, M.P.
Exton, H. Some new summation formulae for the generalised hypergeometric function of higher order 52492
Extrand, C.W. Comparison of several anti-static surfactant coatings for plastics 20881
Eyadeh, A., Nobles, P., Halsall, F., Davies, T. OFDM fine time synchronisation for indoor wireless data communications 35901
Eyal, A. *see* Friedman, N. 55525
Eyal, O., Scharf, V., Katzir, A. Temperature measurements using pulsed photothermal radiometry and silver halide infrared optical fibers 48975
Eyal, O., Shemesh, D., Katzir, A. Connectors, splices, and couplers for infrared transmitting optical fibers 43927
Eyceoz, T., Duel-Hallen, A. Simplified block adaptive diversity equalizer for cellular mobile radio 26609
Eyceoz, T., Duel-Hallen, A. Reduced complexity diversity combining and adaptive equalization using interpolated channel estimates with applications to cellular mobile radio channels 47629
Eycken, L.Van *see* Van Eycken, L.
Eydaleine, G. European ATC improvement by data links 8281
Eye, J.G. *see* Schatzki, T.F. 46120
Eyer, A. *see* Faller, F. 39025
Eyler, E.E., Yiannopoulou, A., Gangopadhyay, S., Melikechi, N. Chirp-free nanosecond laser amplifier for precision spectroscopy 23772
Eylon, S., Henestroza, E. A high charge state heavy ion beam source for heavy ion fusion 59183
Eylon, S., Henestroza, E., Yu, S., Grote, D. 2 MV, 0.8 A, K^+ injector for heavy ion fusion 49182
Eylon, S. *see* Fessenden, T.J. 59135
Eylon, S. *see* Friedman, A. 59103
Eylon, S. *see* Henestroza, E. 49183
Eylon, S. *see* Houck, T.L. 49092
Eylon, S. *see* Kim, J.S. 37026
Eylon, S. *see* Tauschwitz, A. 59162
Eylon, S. *see* Westenskow, G.A. 49091
Eylon, S. *see* Yu, S. 18027

Eylon, S. *see* Yu, S.S. 59107
Eyman, M. *see* Johnson, Z. 52273
Eymery, J.P. *see* Rahmoune, M. 32062
Eynde, F.O. *see* Vavelidis, K. 23017
Eyoh Chih Hong *see* Chih Hong Eyoh
Eyraud, J.-L. *see* Oriat, L. 49848
Eyraud, L., Eyraud, P., Audigier, D., Claudel, B. Influence of the fluoride ion on the piezoelectric properties of a PZT ceramics 32660
Eyraud, L., Eyraud, P., Gonnard, P., Audigier, D. Fluoridated piezoelectric ceramics for power transducer 13255
Eyraud, L. *see* Aurelle, N. 13367
Eyraud, L. *see* Roche, D. 17321
Eyraud, L. *see* Roche, D. 27477
Eyraud, P. *see* Eyraud, L. 13255
Eyraud, P. *see* Eyraud, L. 32660
Eyre, B.L. Industrial applications of radiation 11000
Eyres, A. *see* Hearn, G.I. 33845
Eyssa, Y. *see* Pernambuco-Wise, P. 4209
Eyssa, Y.M. *see* Robinson, R.A. 4207
Eyuboglu, B.M. An interleaved drive electrical impedance tomography image reconstruction algorithm 18447
Eyuboglu, M.V. *see* Forney, G.D., Jr. 26405
Ezaki, K. *see* Takahashi, H. 32594
Ezaki, K. *see* Takahashii, H. 2878
Ezaki, M., Obara, M., Kumagai, H., Toyoda, K. Characterization of Nd:$Y_3Al_5O_{12}$ thin films grown on various substrates by pulsed laser deposition 867
Ezaki, M., Obara, M., Kumagai, H., Toyoda, K. Epitaxial Nd:YAG thin films grown on various substrates by pulsed laser deposition 13795
Ezaki, T. *see* Matsuo, T. 50413
Ezaki, T. *see* Matsuo, T. 50440
Ezbiri, A., Munoz, A., Kanellopoulos, S.E., Handerek, V.A. High resolution fibre Bragg grating sensor demodulation using a diffraction grating spectrometer and CCD detection 48638
Ezbiri, A., Tatam, R.P. Five wavelength interrogation technique for miniature fibre optic Fabry-Perot sensors 17445
Ezbiri, A., Tatam, R.P. Multiple wavelength signal processing technique for short gauge length interferometric fiber sensors 36607
Ezekiev, S. *see* Adam, A. 37280
Ezekwenna, P. *see* Febri, M. 925
Ezekwenna, P. *see* Kramp, S. 923
Ezell, E.F. *see* Kijima, T. 36983
Ezers, R., Farserotu, J. Performance evaluation of SATCOM links employing COTS modems in an interference environment 47885
Ezersky, V. *see* Sade, G. 42643
Ezhikova, E.A. *see* Bogdanov, V.V. 49007
Ezhilvalavan, S., Kutty, T.R.N. High-frequency capacitance resonance of ZnO-based varistor ceramics 13051
Ezis, K. *see* Blair, H.D. 40664
Ezquerra, N. *see* Schafer, R.W. 52030
Ezquerro, J.A., Hernandez, M.A. A note on a family of Newton type iterative processes 21118
Ezuka, H. *see* Yamashita, A. 59364
Ezumi, H. *see* Sakai, H. 52813
Ezura, E., Yoshimoto, S., Akai, K. RF feedback for KEKB 49245
Ezure, H., Seki, Y., Yamaguchi, N., Shinonaga, H. Development of an optimal slab heat pattern calculation simulator for reheat furnaces 29905
Ezure, H., Yokota, M., Komatsu, J., Mizuno, O., Watanabe, Y. Measurement of residual radioactivity in the nuclear facility being decommissioned 50743
Ezzaouia, H. *see* Bessais, B. 12207

F., A.Ruvolo *see* Ruvolo F., A.
F., H.J.Altuve *see* Altuve F., H.J.
F. Costa, L.da *see* da F. Costa, L.
Fa-Wang Liu *see* Huawei Zhao 11673
Faa-Jeng Lin Fuzzy adaptive model-following position control for ultrasonic motor 51061
Faa-Jeng Lin, Sheng-Lyin Chiu, Kuo-Kai Shyu Adaptive control of PM synchronous motor drive using VSS approach 51684
Faa-Jeng Lin *see* Rong-Fong Fung 29259
Faas, M.D. *see* King, R.M. 51884
Faase, K.J. *see* Liu, H. 55095
Faase, K.J. *see* Warnes, W.H. 55096
Fab Changxin *see* Wang Dusheng 45666
Fabbri, F.L. *see* Benussi, L. 37231
Fabbri, M. *see* Borghi, C.A. 44891
Fabbricatore, P., Priano, C., Sciutti, A., Gemme, G., Musenich, R., Parodi, R., Gomory, F., Thompson, J.R. Flux pinning in Bi-2212/Ag-based wires and coils 13487
Fabbricotti, M. *see* Saint-Pe, O. 49977
Fabbro, R. *see* Bcrthe, L. 14492
Fabbro, R. *see* Derouet, H. 17507
Fabbro, R. *see* Douay, D. 14489
Faber, B. *see* Hercigonja-Szekeres, M. 37797
Faber, B. *see* Hercigonja-Szekeres, M. 45783
Faber, G. *see* Adam, A. 37280
Faber, T.L., Hoffman, J.M., Henry, T.R., Votaw, J.R., Brummer, M.E., Garcia, E.V. Identifying hypometabolism in PET images of the brain: application to epilepsy 18398
Faber, T.L., Klein, J.L., Folks, R.D., Hoff, J.G., Peifer, J.W., Malveaux, E.J., Cooke, C.D., Garcia, E.V. Automatic unification of three-dimensional cardiac perfusion with three-dimensional coronary artery anatomy 37738
Faber, V., Joubert, W., Knill, E., Manteuffel, T. Minimal residual method stronger than polynomial preconditioning 572
Fabian, C. *see* Ercegovac, M.D. 1270
Fabian, P. *see* Reed, R. 52850
Fabian, P.E., Reed, R.P., Schutz, J.B. Combined mechanical and electrical testing of a full-scale TF shear key prototype 48821
Fabian, S. *see* Langpape, C. 41866
Fabian, Z. Information and entropy of continuous random variables 56237
Fabianek, B., Fitchew, K., Myken, S., Houghton, A. Optical network research and development in European Community programs: from RACE to ACTS 58368
Fabiani, D. *see* D'Auria, G. 49304
Fabiano, P. Teaching systems integration in an advanced microprocessor applications course 20527
Fabijanski, P. Series resonant converter with sandwich-type piezoelectric ceramic transducers 51341
Fabiny, L., Kersey, A.D. Fiber optic velocity sensor for monitoring of structural vibrations 17452
Fabiny, L., Kersey, A.D. Interferometric fiber-optic Doppler velocimeter with high-dynamic range 27593
Fabre, A., Amrani, H., Saaid, O. Current-mode band-pass filters with Q-magnification 11572
Fabre, A., Mimeche, N. Insensitive voltage-mode and current-mode filters with easily modifiable transfer functions 31361
Fabre, C. *see* Kasai, K. 33711
Fabre, J.-P. *see* Berkovski, A.G. 12123
Fabre, J.D. *see* Annis, P. 59237
Fabre, M. *see* Adam, A. 37280
Fabre, M. *see* Berdugo, J. 37448
Fabregas, C.D.S. *see* Reusens, E. 35192
Fabregat-Gesa, R., Jove-Lagunas, T., Torres-Moreno, E.F., Marzo-Lazaro, J.L. Alternative path routing of VCC on virtual path networks 26260
Fabregue, O. *see* Krahenbuhl, L. 44938
Fabricius, H. Developments in the design and production of error sensitive smart coatings 3549
Fabricius, H. The gradient index filter: an overview 33210
Fabricius, H., Schmitt, S.E. Ion assisted deposition of oxide-materials 30893
Fabricius, N. *see* Giessler, K.-H. 3408
Fabricius, N. *see* Ohtsuki, T. 33442
Fabrikant, A.L. *see* Silivra, A.A. 50086
Fabrikant, A.L. *see* Spiesberger, J.L. 50085
Fabris, D. *see* Fioretto, E. 59283
Fabris, F., Sgarro, A., Pauletti, R. Tunstall adaptive coding and miscoding 24719
Fabrizio, E.Di *see* Di Fabrizio, E.
Fabro, R.Del *see* Del Fabro, R.
Fabrycky, W.J. *see* Verma, D. 52131
Facao, M.M.V. *see* Ferreira, M.F.S. 24084
Facchini, B. *see* Ribeiro Gallo, W.L. 38619
Facchini, M. Applicability of electronic speckle pattern interferometry to the characterization of building materials 10991
Facchini, M. *see* Lucia, A.C. 7629
Facci, P. *see* Erokhin, V. 31932
Faccini, R. *see* Baccaro, S. 37459
Faccio, F., Aspell, P., Jarron, P., Heijne, E.H. An additional contribution in the noise spectrum of SOI MOSFETs 12993
Faccio, F. *see* Santiard, J.C. 37501
Faccio, M. *see* Cantalini, C. 27730
Faccio, M. *see* Cantalini, C. 58896
Faccio, M. *see* Di Natale, C. 58885
Faccio, M. *see* Ferri, G. 58733
Faccio, M. *see* Hong-Tao Sun 38114
Facco, A., Sokolowski, J.S., Andreev, V., Bassato, G., Chiaveri, E., Favaron, P., Zvyagintsev, V. Experience with the low β resonators at LNL 49139
Facco, A. *see* Dainelli, A. 49138
Facco, A. *see* Fortuna, G. 49069
Facco, A. *see* Lombardi, A. 37117
Face, D.W. *see* Miller, J.R. 7983
Facelli, S. *see* Profumo, F. 21492
Facelli, S. *see* Profumo, F. 31085
Facelli, S. *see* Profumo, F. 40783
Fach, A., John, J., Masek, J., Muller, P., Paglino, C., Zogg, H. Epitaxial Pb blocking contact on $Pb_{1-x}Sn_xSe/CaF_2/Si(111)$ substrates for photovoltaic IR-detectors 17358
Fach, A. *see* John, J. 7346
Fach, A. *see* Paglino, C. 7337
Fach, A. *see* Zogg, H. 7396
Fach, A. *see* Zogg, H. 48646
Fachang He *see* He Fachang
Fache, F. *see* Jeszka, J.K. 22321
Fachini, E., Korner, J. Tight packings of Hamming spheres 34555
Faci, M., Logrippo, L., Stepien, B. Structural models for specifying telephone systems 46980
Fackrell, J.W.A., McLaughlin, S., White, P.R. Bicoherence estimation using the direct method. 2. Practical considerations 25051
Facoetti, H. *see* Bouche, C.-M. 23664
Facq, P. *see* Di Bin, P. 43936
Facq, P. *see* Pagnoux, D. 13616
Fadda, E., Warren, P., Chollet, F., Berenguer, M. Surface characterization of a semiconductor SiGe/Si heterostructure by contact angle measurements 31954
Fadeev, A.B. *see* Titov, A.I. 54332
Fadeeva, T.A. *see* Volyar, A.V. 13565
Fadeeva, T.A. *see* Volyar, A.V. 13635
Fadeeva, T.A. *see* Volyar, A.V. 43947
Fadeeva, T.A. *see* Volyar, A.V. 55179
Fadel, M. The physical properties and the chemical bond approach for Se-Ge-As amorphous chalcogenide glasses 41998
Fadel, M., Sedeek, K., Abd El-Salam, F. Effect of light soaking on the electrical properties of the $Ge_{0.20}Te_{0.75}Bi_{0.05}$ glass system 2074
Fadel, M. *see* Dagues, B. 61177
Fadel, M. *see* Nicolas, B. 9379
Fadel, M. *see* Nicolas, B. 38889
Fadel, M. *see* Nicolas, B. 51164
Fadeyeva, T. *see* Aleksiev, A. 13606
Fadley, C.S. *see* Len, P.M. 44765
Fadli, M. *see* Bonnassieux, Y. 51689
Fadul, F.K. *see* Krahe, R.P. 7192
Faehl, R.J., Keinigs, R.K. High current electron beam acceleration in dielectric-filled RF cavities 7719
Faehl, R.J. *see* Nastasi, M. 10885
Faehnle, M. *see* Boernsen, N. 23293
Faerber, N. *see* Girod, B. 35945
Faes, T.J.C. *see* Noordegraaf, A.V. 49717
Faes, T.J.H. *see* Raaijmakers, E. 18469
Faez, K. *see* Nassery, P. 57226
Fafard, S., Hinzer, K., Raymond, S., Dion, M., McCaffrey, J., Feng, Y., Charbonneau, S. Red-emitting semiconductor quantum dot lasers 24021
Fafard, S. *see* Piva, P.G. 44599
Fafard, S. *see* Wang, P.D. 12490
Fafilek, G., Leeb, K., Breiter, M.W. Automated device for electrochemical measurements and application to the system Pt/solid electrolyte 36960
Fagaly, R.L. Superconducting sensors: instruments and applications 36474
Fagan, A.D. *see* McDonnell, J.D. 57419
Fagan, J. *see* Orloff, S. 852
Fagan, J.G. *see* Tenpas, E.W. 10866
Fagarasanu, F. *see* Hanganu, A. 43287
Fagerberg, R., Stokke, H.E., Grepsad, J.K. Impact of a normally conducting surface layer on attenuation in high-T_c superconducting microstrip transmission lines 41388
Fagerholm, J. *see* Friberg, A.T. 45158
Fagerstrom, J., Stafstrom, S. Theoretical investigations of the interaction between electron and hole polarons in thiophene oligomers 23666
Faggin, F., Hoff, M.E., Jr., Mazor, S., Shima, M. The history of the 4004 11488
Faghri, P.D., Pompe Van Meerdervort, H.F., Glaser, R.M., Figoni, S.F. Electrical stimulation-induced contraction to reduce blood stasis during arthroplasty 49754
Fagin, R. *see* Arora, S. 39998
Faglia, G. *see* Anchisini, R. 27482
Faglia, G. *see* Anchisini, R. 58720
Faglia, G. *see* Larciprete, R. 58895
Faglia, G. *see* Perego, C. 58892
Faglia, G. *see* Yang, B. 58897
Fagnani, F., Zampieri, S. Dynamical systems and convolutional codes over finite Abelian groups 24701
Fagot, M. *see* Tanguy, A. 3110
Fagundes, J.C.S., Batista, A.J., Viarouge, P. Thermal modeling of pot core magnetic components used in high frequency static converters 51199
Fahai Li *see* Li Fahai
Fahd, G., O'Connor, D. Evaluating heat rate modifications with the EPRI Plant Modification Operating Savings (PMOS) model 38459
Fahey, M. *see* Zhaojun Bai 584
Fahey, M.A. *see* Needes, C.R. 10138
Fahham, M.M.El *see* El Fahham, M.M.
Fahimi, B., Johnson, J.P., Ehsani, M. Artificial intelligence approach to controlling SRM drives with manufacturing imperfections 20123
Fahimi, B. *see* Johnson, J.P. 29276
Fahimi, H. Sending image information to its Fourier phase and its use toward image recognition 35245
Fahlander, O. *see* Klasen, L. 56644
Fahlander, O. *see* Klasen, L. 56653
Fahling, H. *see* Berger, J. 17719
Fahlman, M. *see* Birgerson, J. 13877
Fahmi, N.R. A study of the behaviour of Metrosil non-linear resistors when used as a peak voltage limiter in high impedance zone protection schemes 19406
Fahmie, M. *see* Corlett, J.N. 49255
Fahmy, H.I., Develekos, G., Douligeris, C. Application of neural networks and machine learning in network design 26155
Fahmy, M.F. *see* Abo-Zahhad, M. 53444
Fahmy, S. *see* Jain, R. 5759
Fahn Chin-Shyurng *see* Chin-Shyurng Fahn
Fahn Fu-Jier *see* Fu-Jier Fahn
Fahr, A. *see* Schindel, D.W. 60122

Fahrenberg, J., Foerster, F., Muller, W. Non-invasive estimations of ventricular ejection time and stroke volume: comparison of impedance cardiography and the Portapres 2 59379
Fahrenberg, J., Schaller, Th., Bacher, W., El-Kholi, A., Schomburg, W.K. High aspect ratio multi-level mold inserts fabricated by mechanical micro machining and deep etch X-ray lithography 32586
Fahrenbruch, A.L., Lopez-Otero, L., Werthern, J.G., Ta-Chung Wu GaAs- and InAlGaAs-based concentrator-type cells for conversion of power transmitted by optical fibers 38989
Fahrmann, G. *see* Berndt, D. 19136
Fahrner, W.R. *see* Denisenko, A. 22760
Fahrner, W.R. *see* Job, R. 42915
Fahy, M.R. *see* Joyce, B.A. 764
Fahy, M.R. *see* Newman, R.C. 2029
Fahy, M.R. *see* Yamaguchi, H. 52703
Fai Chan Chun *see* Chun Fai Chan
Fai Cheung Kwan *see* Kwan Fai Cheung
Fai Hui Kwok *see* Kwok Fai Hui
Fai Sun *see* Sun Fai
Fai Wong Chin *see* Chin Fai Wong
Faibish, S. *see* Saban, I. 16970
Faieta, G. *see* Baraglia, R. 47146
Faiget, L., Ruiz, R., Legros, C. The true duration of the impulse response used to estimate reverberation time 15241
Faigon, A. *see* Miranda, E. 22467
Faillace-Akazawa, P. *see* Roach, M., III 28160
Faiman, D. *see* Koltun, M. 39046
Fain, E. *see* Gurunathan, S. 49641
Fain, G. *see* Estes, L.E. 45166
Fain, J. *see* Sanzelle, S. 8187
Faina, L. *see* Cardelli, E. 24334
Faina, L. *see* Cardelli, E. 44904
Fainberg, B. *see* Poles, E. 2042
Fainberg, Ya.B., Balakirev, V.A., Berezin, A.K., Karas', V.I., Kiselev, V.A., Onishchenko, I.N., Tolstoluzhsky, A.P. Plasma wakefield diagnostics using probe electron beam and microchannel plates 22153
Fainberg, Ya.B. *see* Karas', V.I. 27995
Fainer, N.I., Rumyantsev, Yu.M., Salman, E.G., Kosinova, M.L., Yurjev, G.S., Sysoeva, N.P., Maximovskii, E.A., Sysoev, S.V., Golubenko, A.N. Plasma-deposited CdS layers from (o-phen)bis(diethyldithiocarbamate) cadmium 40546
Faini, G. *see* Chen, Y. 44038
Faini, G. *see* Coluzza, C. 12518
Faini, G. *see* Vieu, C. 42703
Fainman, Y. *see* Kellner, A.L. 6426
Fainman, Y. *see* Krishnamoorthy, A.V. 47488
Fainman, Y. *see* Slutsky, B. 4480
Fainman, Y. *see* Sun, P.C. 24092
Fainzilberg, L.S. *see* Shurikhin, V.I. 48496
Fair, H.D. Electromagnetic launch: a review of the U.S. National Program 24388
Fair, I.J., Wang, Q., Bhargava, V.K. Characteristics of guided scrambling encoders and their coded sequences 24745
Fair, R.B. Physical models of boron diffusion in ultrathin gate oxides 42324
Fair, R.B., Richards, W. Process simulation of dopant atom diffusion in SiO_2 54339
Fair, W.R. *see* Feleppa, E.J. 18353
Fair, W.R. *see* Feleppa, E.J. 37719
Fairbrother, L. User friendly video today or tomorrow 27176
Fairchild, P. *see* Stahl, S.M. 35128
Fairchild, S. *see* Patterson, T.J. 8653
Fairchild, S.R. *see* Bullock, M.E. 18949
Fairey, T.G., Redfern, M.A. The implications of connecting embedded generation to an electricity utility supply network 19225
Fairfax, S. *see* Kusko, A. 51288
Fairfield, R.C. *see* Riggs, V.G. 47691
Fairhurst, A.M., Lettington, A.H., Murphy, K.S.J. Model to predict the probability of recognition of shapes viewed through a thermal imager 35230
Fairhurst, G., Heng Seng Cheng Performance issues of interconnecting ATM islands 47890
Fairhurst, G. *see* Samaraweera, N. 46734
Fairhurst, M. *see* Davies, T.S. 11819
Fairhurst, M.C., Rahman, A.F.R. A new multi-expert architecture for high performance object recognition 35153
Fairhurst, M.C., Rahman, A.F.R. Generalised approach to the recognition of structurally similar handwritten characters using multiple expert classifiers 56595
Fairhurst, M.C. *see* Howells, G. 35143
Fairstein, E. *see* Walter, J. 59341
Faisal, A. *see* Yoshida, S. 21394
Faisal, A. *see* Yoshida, S. 36886
Faisal, M. *see* Jacobs, S.P. 26942
Faist, J. *see* Capasso, F. 14180
Faist, J. *see* Capasso, F. 33573
Faist, J. *see* Capasso, F. 44475
Faist, J. *see* Capasso, F. 44561
Faist, J. *see* Scamarcio, G. 42222
Faist, J. *see* Sirtori, C. 3906
Faist, J. *see* Sirtori, C. 14091
Faist, J. *see* Sirtori, C. 14188
Faist, J. *see* Sirtori, C. 33538
Faith, M. *see* Leech, P.W. 3416
Faith, M. *see* Moss, D.J. 55263
Faithfull, P. *see* Bourne, C. 61285
Faiz, J., Abed-Ashtiani, B., Byat, M.R. Lumped complete equivalent circuit of a coreless high-frequency transformer 31550
Faiz, J., Azami, A., Keyhani, A., Proca, A. Closed loop control stability for permanent magnet synchronous motor 50958
Fajardo, J.C. *see* Bullock, S.R. 44644
Fajgar, R. *see* Jakoubkova, M. 898
Fakhrutdinov, R. *see* Antipov, Yu. 37230
Fakhrutdinov, R. *see* Antipov, Yu. 37233
Fakinos, D. The symmetric M/G/k loss system with heterogeneous servers 30435
Fakkeldij, E.J.M. *see* Maes, J.W.H. 42422
Fakkeldij, E.J.M. *see* Van Veen, R.G. 42496
Fakory, M.R. *see* Hadavi, M.H. 9054
Fakory, R. *see* Bakal, B. 9055
Fakory, R. *see* Bakal, B. 38512
Fakory, R. *see* Bakal, B. 60532
Fakory, R. *see* Kumar, S. 38251
Fakotakis, N., Sirigos, J. A high performance text independent speaker recognition system based on vowel spotting and neural nets 15080
Falcao, D.M. *see* Taranto, G.N. 50414
Falch, R. *see* Henten, A. 25991
Falciai, R., Chmela, P., Pascucci, T., Romolini, A. Maximum efficiency of self-organized second-harmonic generation in optical fibers. A comparison of theoretical predictions and experimental results 24175
Falciai, R., Schena, A., Fontana, R. Fiber Bragg gratings as strain and temperature sensors 58823
Falciano, S. The ATLAS level-1 and level-2 trigger 37514
Falciasecca, G. *see* Frullone, M. 16623
Falcone, M. *see* Camilli, F. 56722
Falconer, D.D. *see* Bontu, C.S. 47767
Falconer, D.D. *see* Farley, R.O. 6084
Falconer, D.G., Steadman, K.N., Watters, D.G. Through-the-wall differential radar 58463
Falconer, J.C., Narayana, P.A. Cerebrospinal fluid-suppressed high-resolution diffusion imaging of human brain 28271
Falconer, J.R. *see* Adams, P.F. 47417
Falconer, M., Tripathi, V. FDTD simulation of power/ground bounce and crosstalk in IC packages 39821
Falcony, C. *see* Gudino-Martinez, A. 2000
Falcoz, F., Balembois, F., Georges, P., Brun, A. Small signal gain optimization for a Q-switched Cr:LiSAF oscillator pumped by cw laser diodes 33450
Falcoz, F. *see* Balembois, F. 23865
Falcoz, F. *see* Balembois, F. 55571
Faldella, E., Fringuelli, B., Passeri, D., Rosi, L. A neural approach to robotic haptic recognition of 3-D objects based on a Kohonen self-organizing feature map 46292
Faldum, A., Willems, W. A characterization of codes with extreme parameters 24723
Faldum, A., Willems, W. Codes of small defect 56294
Faleev, A.V. *see* Malinin, V.V. 8224
Faleev, N.N. *see* Bert, N.A. 41968
Faleev, N.N. *see* Zhukov, A.E. 41934
Fales, C.L., Huck, F.O., Alter-Gartenberg, R., Rahman, Z. Image gathering and digital restoration 4940
Fales, C.L. *see* Huck, F.O. 4939
Fales, C.L. *see* Huck, F.O. 57723
Falguere, D. *see* Calvel, P. 22947
Faliang Chen *see* Chen Faliang
Falin, G.I. *see* Artalejo, J.R. 21028
Falinower, C.-M. *see* Becker, G. 50719
Falinower, C.-M. *see* Kothare, M.V. 50725
Falinower, C.M. *see* Ambos, P. 9057
Falk, R.S. *see* Coleman, B.D. 655
Falk, S. *see* Kastle, S. 37604
Falk, T., Gotz, M., Kilias, T., Schwarz, W., Ruhlicke, T. A chaos-based programmable analogue-digital circuit for broadband signal generation 43353
Falkingham, L.T., Kam Cheng Experiments in high current switching using small contact gaps 29487
Falkowski, B.J., Rahardja, S. Composite complex Hadamard spectra of Boolean functions 380
Falkowski, B.J., Rahardja, S. Walsh-like functions and their relations 4746
Falkowski, B.J. *see* Rahardja, S. 393
Falkowski, J. INMS: International Network Management System 16175
Fallaha, A., Cohen, E., Kayyali, A., Ming, A. Calibration of power flow measurements 28961
Fallahi, M., Peyghambarian, N. Integration issues in transmitter and receiver modules for WDM 6812
Fallai, M. *see* Pelosi, G. 56035
Fallen, E.L. *see* Kamath, M.V. 37836
Faller, F., Schillinger, N., Hurrle, A., Schetter, C., Eyer, A. Mc-Si thin film solar cells by fast CVD on low cost SSP pre-ribbons 39025
Faller, F. *see* Michel, M. 22398
Faller, J.E., Niebauer, T.M., Schwarz, J., Robertson, D.S., Sasagawa, G.S., Klopping, F.J., Keefe, D., Keyser, P.T., Newell, D.B., Winester, D. The measurement of G 17188
Faller, N.P., Fritsch, B., Meier, E.H., Sieber, A.J. Daimler-Benz Aerospace/Dornier SAR interferometric sensing system: Experimental study 8349
Fallmann, W. *see* Pum, D. 42861
Fallon, K. *see* Venkatraman, R. 20917
Fallon, K.M., Jimarez, M.A. Flip chip attach solder deposition alternatives 22084
Fallon, M. *see* Elliott, J.P. 54745
Fallon, M. *see* Walton, A.J. 54774
Fallon, R.W., Zhang, L., Gloag, A., Bennion, I. Identical broadband chirped grating interrogation technique for temperature and strain sensing 58785
Fallou, A. *see* Bauer, C. 37326
Fallou, A. *see* Bauer, C. 37378
Fallow, L. Engineering education for the future 94
Falls, M.J. *see* Fedor, L.S. 8440
Faloss, M., Canva, M., Georges, P., Brun, A., Chaput, F., Boilot, J.-P. Improved lasing lifetime of de-oxygenated xerogels doped with pyrromethene dye 23767
Faloutsos, C. *see* Agnew, B. 58016
Faloutsos, C. *see* Arya, M. 15430
Faloutsos, C. *see* Kobla, V. 57342
Faloutsos, C. *see* Korn, F. 49372
Faloutsos, M., Pankaj, R., Sevcik, K.C. Multicasting in directed graphs 46831
Falquier, D.G., Wagener, J.L., Digonnet, M.J.F., Shaw, H.J. Basis for a polarized superfluorescent fiber source with increased efficiency 13591
Falquier, D.G., Wagener, J.L., Digonnet, M.J.F., Shaw, H.J. Highly efficient polarized Er-doped superfluorescent fiber source 23780
Falquier, D.G., Wagener, J.L., Digonnet, M.J.F., Shaw, H.J. Polarized superfluorescent fiber source 33021
Falsarella, O.Mina *see* Mina Falsarella, O.
Falsini, B., Porciatti, V. The temporal frequency response function of pattern ERG and VEP: changes in optic neuritis 18406
Falster, R.J. *see* Pagani, M. 41833
Falt, C. *see* Freundorfer, A.P. 11729
Falta, J., Bahr, D., Hille, A., Materlik, G., Kammler, M., Horn-von Hoegen, M. Stress reduction and interface quality of buried Sb δ doping layers on Si(001) 12628
Falta, J., Schmidt, T., Hille, A., Materlik, G. Surfactant adsorption site and growth mechanism of Ge- on Ga-terminated Si(111) 30795
Falta, J. *see* Bahr, D. 10818
Faltens, A., Seidl, P. Development of electrostatic quadrupoles for heavy ion fusion 27993
Faltens, A. *see* Barletta, W. 7698
Faltens, A. *see* Celata, C.M. 59132
Faltens, A. *see* Fawley, W.M. 59154
Faltens, A. *see* Kwan, J.W. 59106
Falter, K.G. *see* Crutcher, R.I. 58213
Falter, M. *see* Roozeboom, F. 23370
Faltermeier, C., Goldberg, C., Jones, M., Upham, A., Manger, D., Peterson, G., Lau, J., Kaloyeros, A.E., Arkles, B., Paranipe, A. Barrier properties of titanium nitride films grown by low temperature chemical vapor deposition from titanium tetraiodide 52766
Faltermeier, J.-F. *see* Lacroix, B. 8947
Falzon, F. *see* Kalifa, J. 25593
Falzoni, L. *see* Donati, S. 17769
Family, F. *see* Amar, J.G. 21291
Faming Xu *see* Xu Faming
Famm-Jiang Shyh Jye *see* Chung-Yu Wu 1665
Famorzadeh, S., Madisetti, V.K. Rapid prototyping of DSP systems via system interface module generation 11495
Famorzadeh, S. *see* Egolf, T. 31055
Famouri, P. *see* Clark, S.L. 38217
Fan, C. *see* Peng, J. 23774
Fan, C. *see* Yasuda, A. 7008
Fan, C.-I., Lei, C.-L. A multi-recastable ticket scheme for electronic elections 14795
Fan, F., Bruyland, I., Zhu, W. Analysis/synthesis filter banks designed for subband video compression 25321
Fan, G., Jin, J.-M. Scattering from a cylindrically conformal slotted-waveguide array antenna 45371
Fan, G. *see* Ng, T.L. 30740
Fan, G.H. *see* von der Emde, M. 796
Fan, G.Q., Rees, N.W. An intelligent expert system (KBOSS) for power plant coal mill supervision and control 29096
Fan, H. *see* Shtrom, V. 16021
Fan, H.G., Na, S.-J., Shi, Y.W. Mathematical model of arc in pulsed current gas tungsten arc welding 41733
Fan, J., Freer, R. Varistor properties and microstructure of ZnO-BaO ceramics 21373
Fan, J., Wolff, L.B. Surface curvature and shape reconstruction from unknown multiple illumination and integrability 46426
Fan, J. *see* Grzybowski, S. 19344
Fan, J. *see* Grzybowski, S. 38360
Fan, J.C., Chen, Y.F. Enhancement of conduction-band effective mass in III-V semiconductor alloys induced by chemical disorder 2017
Fan, J.Y. *see* Choa, F.S. 13867
Fan, L., Braden, G.A., Herrington, D.M. Nonlinear wavelet filter for intracoronary ultrasound images 28302
Fan, L., Lee, S.S., Wu, M.C., Lee, H.C., Grodzinski, P. Single chip 8×8 optical interconnect using micromachined free-space micro-optical bench technology 55477
Fan, L., Wu, M.C., Lee, H.C., Grodzinski, P. Single-chip photonic banyan network realized by arrays of beam-steering VCSELs and reflective Fresnel zone plates 33175

Fan, L., Wu, M.C., Lee, H.C., Grodzinski, P. Dynamic beam switching of vertical-cavity surface-emitting lasers with integrated optical beam routers 44142
Fan, L. *see* Smith, J.L. 28090
Fan, L.-S. *see* Reiley, T.C. 3212
Fan, N. A modified run-length algorithm for unified lossy and lossless image compression 35255
Fan, P.Z. *see* Hu, F. 56290
Fan, R.S. *see* Goodwill, D.J. 55468
Fan, T.-I. *see* Kuo-Sen Chou 5597
Fan, T.C. *see* Hwang, C.S. 7723
Fan, T.W. *see* Zou Lyufan 54355
Fan, W., Zou Lyufan, Wang, Z.G., Hemment, P.L.F., Greaves, S.J., Watts, J.F. Aggregation and precipitation in high dose As ion implanted $Ge_{0.5}Si_{0.5}$ alloy 42404
Fan, W.C., Drumm, C.R., Roeske, S.B., Scrivner, G.J. Shielding considerations for satellite microelectronics 28567
Fan, X.J. *see* Shi, Y. 2115
Fan, X.J. *see* Shi, Y. 12346
Fan, X.L. *see* Huang, Y.Z. 17882
Fan, Y., Georganas, N.D. On merging and splitting of self-similar traffic in high-speed networks 46542
Fan, Y., Wang, D. Reconstruction of 3D configuration of object from infrared images 5214
Fan, Z., Antar, Y.M.M. Broadband overlaid inset dielectric guide coupler with very flat coupling 11653
Fan, Z., Antar, Y.M.M. Experimental investigation of multi-element dielectric resonator antennas 34208
Fan, Z., Antar, Y.M.M. Slot-coupled DR antenna for dual-frequency operation 34212
Fan, Z., Antar, Y.M.M. Various inset dielectric guide structures for circuit and antenna applications 53545
Fan, Z., Antar, Y.M.M., Davis, L.E., Wu, Z. Analysis of multilayer inset dielectric guides containing magnetised ferrites 11637
Fan, Z., Kim, M.W., Botchkarev, A.E., Suzue, K., Morkoc, H., Duxstad, K., Haller, E.E. Ohmic contacts and Schottky barriers to n-GaN 12550
Fan, Z. *see* Antar, Y.M.M. 4381
Fan, Z. *see* Lu, X. 22529
Fan, Z. *see* Park, D.G. 54663
Fan, Z. *see* Shao, J. 10826
Fan, Z.F. *see* Aktas, O. 13025
Fan, Z.H., Yoshimura, N. The influence of crystalline morphology on the growth of water trees in PE 32747
Fan Anfu *see* Chen Dihu 22522
Fan Bunsen *see* Bunsen Fan
Fan Changxin *see* Wang Yuhong 40945
Fan Chen-Li *see* Chen Tsai-Hsiang 28866
Fan Chi *see* Chi Fan
Fan Chin-Feng *see* Chin-Feng Fan
Fan Ching-Lin *see* Ching-Lin Fan
Fan Chongcheng *see* Xie Shizhong 20835
Fan Chongcheng *see* Yang Zhixing 6848
Fan Chongcheng *see* Chongcheng Fan
Fan Chongzhi *see* Yang Huazhong 2766
Fan Chongzhi *see* Yang Huazhong 13094
Fan Chunju, Yu Weiyong A directional phase-selective element cooperated with the zero sequence reactance relay 38424
Fan Dianyuan *see* Hua Renzhong 3961
Fan Dianyuan *see* Xu Faming 24055
Fan Dianyuan *see* Xu Faming 33132
Fan Guoxin *see* Guoxin Fan
Fan Heng *see* Zhao Jianlong 11254
Fan Hong-Yi *see* Hong-Yi Fan
Fan Hongchang *see* Hongchang Fan
Fan Honglei, Hou Xiaoyuan, Li Zheshen, Zhang Fulong, Yu Mingren, Wang Xun Preparation of porous silicon by pulse etching method 32208
Fan Honglei *see* Honglei Fan
Fan Hua *see* Wang Jun 27908
Fan Huiqing, Xu Zhuo, Zhang Liangying, Yao Xi Dielectric behavior of poled complex perovskite relaxor ferroelectrics 43496
Fan Ji-Yuan *see* Ji-Yuan Fan
Fan Jian, Chai Tianyou Feedforward adaptive control of fixed velocity ratio AC drive system 39260
Fan Jian, Wen Bangchun, Chai Tianyou Study in fixed velocity ratio control of mechanical systems with dual AC motor drives 51641
Fan Jiangshui, Yu Mingxiang, Deng Xiaotao Research on high-T_c superconducting infrared detector 48547
Fan Jianping *see* Jianping Fan
Fan Jr-Min *see* Jr-Min Fan
Fan Kuang Klark *see* Kuang Klark Fan
Fan Kuo-Chin *see* Kuo-Chin Fan
Fan Ling *see* Weiping Li 35188
Fan Lu *see* Lu Fan
Fan Mingwu *see* Guan Xialing 49287
Fan Mingwu *see* Xiao Meiqin 59178
Fan Mo *see* Mo Fan
Fan Ningping *see* Ningping Fan
Fan Ping-Lin *see* Ping-Lin Fan
Fan Pingyi, Feng Chongxi Statistical analysis of carrier phase estimation in M-QAM system 16813
Fan Pingyi, Feng Chongxi Optimal design of interpolation filter for all digital receiver 34848
Fan Qinbai *see* Qinbai Fan
Fan Rong *see* Rong Fan
Fan Shangchun, Liu Guangyu Practical structure design of cylindrical shell as an angular velocity sensor 27523
Fan Shanhui *see* Shanhui Fan
Fan Sheng *see* Sheng Fan
Fan Shi, Ramesh, P., Mukherjee, S. Dynamic analysis of micro-electro-mechanical systems 43356
Fan Shi-Ji *see* Shi-Ji Fan
Fan Shou-Zen *see* Shou-Zen Fan
Fan Shoushan *see* Han Weiqiang 40536
Fan Shuhua *see* Wu Shuchao 27958
Fan Shuwei, Wang Guoliang, Xie Wei Genetic algorithm and its application in power transformer optimization design 19785
Fan Ti-Wen *see* Zou Lu-Fan 54349
Fan Xiao-Feng *see* Pan Heng-Fu 3792
Fan Xiaomin *see* Chen Hao 29667
Fan Xiaoming, Jing Yazhi, Zhang Huanchun, Mao Liangming Analysis of a novel indirect rotor-position sensor for switched reluctance motor 58705
Fan Xiaoya *see* Zhang Shengbin 57845
Fan Yaliang *see* Zhang Hongming 19244
Fan Yang, Paindavoine, M., Abdi, H. Parallel implementation of an auto-associator face recognition by neural networks and wavelet transform 46510
Fan Yanli *see* Cai Shoulun 54005
Fan Yi *see* Manson, A. 50065
Fan Yi-Hua *see* Yi-Hua Fan
Fan You, Embabi, S.H.K., Sanchez-Sinencio, E. A 1.5 V class AB output buffer 11196
Fan Yudian *see* He Xiangjun 918
Fan Yudian *see* Yudian Fan
Fan Yuezu *see* Song Zhaohu 48176
Fan Yuezu *see* Xie HaiQiang 37966
Fan Zhang, Cheng, C.S. A modified Newton method for radial distribution system power flow analysis 50529
Fan Zhang *see* Jardine, A.K.S. 20994
Fan Zhang *see* Ural, H. 21564
Fan Zhang *see* Zhang Fan
Fan Zhengqiao New design method based on the state space variable model for the controller of brushless DC drive 61221
Fan Zhengxiu *see* Shao Jianda 27910
Fan Zhengxiu *see* Zhengxiu Fan
Fan Zhifang *see* Zhifang Fan
Fan Zhigang *see* Zhigang Fan
Fan Zhou *see* Zhou Fan
Fan Ziaofeng *see* Ziaofeng Fan
Fan-Hsuan Cheng Point pattern matching algorithm invariant to geometrical transformation and distortion 35031
Fan-Jia Kong *see* Lian-Chang Zhao 30381
Fan-Ren Hang *see* Chung-Jie Lin 47858
Fanara, C. *see* Agnello, M. 37458
Fanara, C. *see* Botta, E. 37492
Fanciulli, M. *see* Christensen, N.E. 22223
Fancourt, C. *see* Dongkin Xu 14995
Fanelli, A.M. *see* Pelillo, M. 15525
Fanelli, A.M. *see* Pelillo, M. 45853
Fang, C., Baozong, Y. Intelligent speech production system with language information processing 56422
Fang, D.Z., Chung, T.S., David, A.K. Improved techniques for hybrid method in fast-transient stability assessment 60194
Fang, F. *see* Mawst, L.J. 44565
Fang, F. *see* Wade, J.K. 23941
Fang, F. *see* Wade, J.K. 55707
Fang, F.F. *see* Dai, Y.T. 12446
Fang, F.F. *see* Dunford, R.B. 54149
Fang, H. *see* Juncar, P. 17182
Fang, J. *see* Gao, R.X. 43390
Fang, J.-M. *see* van Steenbergen, A. 49031
Fang, M.T.C. *see* Yan, J.D. 54909
Fang, R., Hanson, R. Data networking: an end-to-end solution with Alcatel products 35873
Fang, R.C. *see* Cui, J.B. 10922
Fang, R.Y. *see* Bertone, D. 52658
Fang, T. *see* Bonda, R. 221
Fang, T. *see* Sarihan, V. 10090
Fang, W., Bethe, C.G., Chen, Y.K., Tanbun-Ek, T., Chuang, S.L. Measurement of spatially dependent carrier lifetimes in 1.55-μm DFB quantum well lasers using microwave modulation 23922
Fang, W., Hattendorf, M., Chuang, S.L., Minch, J., Chang, C.S., Bethea, C.G., Chen, Y.K. Analysis of temperature sensitivity in semiconductor lasers using gain and spontaneous emission measurements 33499
Fang, W. *see* Minch, J. 55681
Fang, W. *see* Sengupta, D.K. 27577
Fang, W. *see* Sengupta, D.K. 27579
Fang, W. *see* Sengupta, D.K. 54326
Fang, W.C. *see* Sengupta, D.K. 48666
Fang, X., Hobson, P.R. Effect of transverse object position on the reconstructed image of an aperture-limited in-line hologram 24286
Fang, X. *see* Shima, T. 32123
Fang, X.M. *see* Liu, W.K. 10781
Fang, X.M. *see* Liu, W.K. 30752
Fang, Y., Eleftheriadis, A. A syntactic framework for bitstream-level representation of audio-visual objects 57262
Fang, Y. *see* Bijaoui, A. 16903
Fang, Y.J., Macdonald, D.C. Controller design for fast acting quadrature boosters for stability enhancement of power systems with inclusion of generator torsional modes 19233
Fang, Y.K., Kun-Hsien Lee, Kun-Hsien Wu, Chung-Yang Tsao An integrated PIN/MISS OEIC for high current photoreceiver applications 16815
Fang, Y.K. *see* Chen, F.Y. 3003
Fang, Y.K. *see* Chen, F.Y. 7333
Fang, Y.K. *see* Hwang, J.D. 2254
Fang, Y.K. *see* Jyh-Jier Ho 36556
Fang, Y.K. *see* Lee, K.Y. 21658
Fang, Z. On the charge density measured by the capacitive probe 60417
Fang, Z.-Q., Look, D.C., Yamamoto, H., Shimakura, H. Effect of multistep wafer-annealing on main traps in Czochralski-grown semi-insulating GaAs 12612
Fang, Z.-Q. *see* McGregor, D.S. 37313
Fang, Z.-Q. *see* Schuermeyer, F. 54702
Fang Cheng *see* Cheng Fang
Fang Chongcheng *see* Tang Pingsheng 23824
Fang Dagang *see* Dagang Fang
Fang Dai-Ning *see* Dai-Ning Fang
Fang Ditang *see* Zheng Fang 45662
Fang Fei-Chun *see* Fei-Chun Fang
Fang Feng, Cen Li, Raha, A., Shiqian Yu, Wei Zhao Modeling and regulation of host traffic in ATM networks 57578
Fang Frank-Fu *see* Frank-Fu Fang
Fang Gong *see* Gong Fang
Fang Han, Linchang Zhang Degeneration of shielding effectiveness of planar shields due to oblique incident plane waves 45232
Fang Han, Smith, W.T. Terminal effect of finite length underground cables to illumination of external fields 45236
Fang Hang *see* Hang Fang
Fang Hao *see* Hao Fang
Fang Huiqin Design and technical requirements of unmanned hydro-power plants 50814
Fang Jengjung *see* Jengjung Fang
Fang Jer-Han *see* Jer-Han Fang
Fang Jiang Cheng *see* Jiang Cheng Fang
Fang Jiaxiong *see* Hu Xiaoning 7350
Fang Jiayuan *see* Jiayuan Fang
Fang Jing-Huai *see* Jing-Huai Fang
Fang Jinming Lattice valued completely topological generated spaces 52480
Fang Khoon Chan *see* Chan Fang Khoon
Fang Kui, Zhu Guo-Qing, Zhou Jing-Lun C^k shape preserving piecewise polynomial of degree 2k+1 interpolation 532
Fang Lei *see* Lei Fang
Fang Lin Luo Re-lift circuit: a new DC-DC step-up (BOOST) converter 29389
Fang Longsen *see* Zhao Yuanping 58498
Fang Lu, Shouqi Wang, Hyundon Jung, Ziqiang Zhu, Takafumi Yao Photoinduced admittance spectroscopy to detect the shallow electron traps in nitrogen-doped highly compensated ZnSe 41908
Fang Ming *see* Ming Fang
Fang Qi *see* Duorong Yuan 32982
Fang Qi *see* Yuan Duorong 24099
Fang Qiang *see* Qiang Fang
Fang Qiyin *see* Qiyin Fang
Fang Rei *see* Su Chinghua 10652
Fang Rong-Chuan *see* Chen Hong 894
Fang Rong-Chuan *see* Gu Chang-Zhi 893
Fang Rong-Chun *see* Gu Chang-Zhi 31768
Fang Rongchuan *see* Rongchuan Fang
Fang Sili Increasing exploitation ratio of PSS to enhance power system dynamic stability 8814
Fang Sychyi *see* Sychyi Fang
Fang Ta-Ming *see* Ta-Ming Fang
Fang Wai-Chi *see* Wai-Chi Fang
Fang Wang *see* Wang Fang
Fang Weizheng *see* Wang Shanli 10788
Fang Wen-Hsien *see* Wen-Hsien Fang
Fang Wen-Jong *see* Wen-Jong Fang
Fang Wu *see* Wu Fang
Fang Xi-Sheng *see* Xi-Sheng Fang
Fang Xiaojun *see* Xiaojun Fang
Fang Xiaoling *see* Mao Zepu 59254
Fang Xu *see* Krishnamoorthy, A.V. 47488
Fang Xu Guo *see* Guo Fang Xu
Fang Xue *see* Xue Fang
Fang Yean Kuen *see* Yean Kuen Fang
Fang Yean-Kuen *see* Yean-Kuen Fang
Fang Ying-Che *see* Ying-Che Fang
Fang Yu *see* Yu Fang
Fang Yudong *see* Zhang Jixion 17813
Fang Yue, Tan Swee Ngin, Ge Hailin A novel paper pH sensor based on polypyrrole 7311
Fang Yugang *see* Yugang Fang
Fang Yung-Ming *see* Yung-Ming Fang
Fang Zenan, Chu Fulei, Qi Weidong, Zhang Zhengsong Condition monitoring and fault diagnosis system for combined large scale turbines and generator sets 29233
Fang Zenan, Feng Guanping, Zhang Zhengsong The development of a fault diagnosis expert system for air-cooled turbogenerator 29207
Fang Zheng *see* Zheng Fang
Fang Zheng Peng, Jih-Sheng Lai Dynamic performance and control of a static VAr generator using cascade multilevel inverters 28833
Fang Zhenxian, Liu Ying A universal design method for dynamic and static circuits 21623
Fang Zhenyi *see* Shen Yuzhen 33462
Fang Zhenyi *see* Wang Yingcai 10659
Fang Zhichu, Barrett, L.E. Transient response of single-disk rotor with active magnetic bearings during rotor drop 9167

Fang Zhigao, Wang Guicheng, Zhu Zhongde A beam profile monitor in storage ring at NSRL and error analysis of the system 59120
Fang Zhigao *see* Wang Guicheng 7828
Fang Zhongyan, Han Sen An optical heterodyne interferometer using a multi-mode laser source to modulate coherent length 8021
Fang Zhu *see* Zhu Fang
Fang Zhuhong The connection between dynamic scanning dot matrix liquid crystal display and 80C552 single chip computer 27804
Fang Zujie *see* Zhao Hao 3382
Fang-Biau Ueng, Su, Y.T. Adaptive VSS blind equalizers 46543
Fang-Fang Yin, Rubin, P., Schell, M.C., Wynn, R., Raubertas, R.F., Uschold, G., Sandhu, A., Nelson, D.F. An observer study for direct comparison of clinical efficacy of electronic to film portal images 28159
Fang-Hsuan Cheng *see* Shih-Hsu Chang 56705
Fang-Jang Kuo *see* Jung-Shyr Wu 5781
Fang-Jou Liu, Lillis, L., Chung-Kuan Cheng A new layout-driven timing model for incremental layout optimization 40794
Fang-Ming Li *see* Guang-Liang Li 57568
Fang-Ming Shao, Lian-Chang Zhao Optimal design improving a communication network reliability 57677
Fang-Ming Shao *see* Lian-Chang Zhao 57678
Fang-Shi Lai, Wei Hwang Design and implementation of differential cascode voltage switch with pass-gate (DCVSPG) logic for high-performance digital systems 41064
Fang-Shing Wang *see* Huang-Chung Cheng 12988
Fang-Tsou, C.T. *see* Shih, T.K. 26361
Fangchun Yang *see* Yuzhang Liu 6296
Fanggao, C., Saunders, G.A., Hampton, R.N., Moody, S.M., Clark, A.M. The effect of hydrostatic pressure and temperature on the permittivity of crosslinked polyethylene 43561
Fanglin Hon *see* Yanqiu Li 44773
Fanglin Hou *see* Yanqiu Li 23436
Fangmann, R.E. *see* Jacobs, S.A. 48008
Fangming Hu *see* Hu Fangming
Fangqiao Zhou *see* Zhihong Mai 48513
Fangshi Xue *see* Xue Fangshi
Fangze Li *see* Li Fangze
Fangzi Wang *see* Wang Fangzi
Fangzong Wang *see* Wang Fangzong
Fanigliulo, A., Accossato, P., Adami, M., Lanzi, M., Martinoia, S., Paddeu, S., Parodi, M.T., Rossi, A., Sartore, M., Grattarola, M., Nicolini, C. Comparison between a LAPS and an FET-based sensor for cell-metabolism detection 7454
Fankhauser, G. *see* Koch, R.M. 15494
Fanlin Zhu *see* Zhu Fanlin
Fanlong Kong *see* Baida Lu 56678
Fann, G.I. *see* Brewster, M.E. 25075
Fann, W.S. *see* Yang, Y.T. 36597
Fanni, A., Marchesi, M., Serri, A., Usai, M. A greedy genetic algorithm for continuous variables electromagnetic optimization problems 44889
Fanni, A. *see* Contu, S. 1046
Fanni, A. *see* Costamagna, E. 4323
Fanni, A. *see* Costamagna, E. 34141
Fanni, A. *see* Costamagna, E. 44905
Fannin, P.C., Kinsella, L., Charles, S.W. The high-frequency complex susceptibility of ferrofluids deduced from fits to lower frequency measurements 43605
Fannin, P.C., Molina, A. Analysis of mobile radio channel sounding measurements in inner city Dublin at 1.808 GHz 6525
Fanning, C.G. *see* Biellak, S.A. 23966
Fanning, C.G. *see* Cheng, Y.-J. 44400
Fant, K.H. *see* Wang, J.W. 49051
Fantacci, M.E. *see* Amendolia, S.R. 37346
Fantacci, M.E. *see* Bertolucci, E. 37628
Fantacci, M.E. *see* Cola, A. 37309
Fantacci, M.E. *see* Nava, F. 59280
Fantacci, R. Performance evaluation of a finite buffer generalized selective repeat ARQ scheme for satellite communications 36055
Fantacci, R., Forti, M., Marini, M. A cellular neural network for packet selection in a fast packet switching fabric with input buffers 16045
Fantacci, R. *see* Del Re, E. 6522
Fanti, D. *see* Marini, M.E. 58765
Fantini, F. *see* Baroni, M. 49440
Fantini, F. *see* Borgarino, M. 54599
Fantini, F. *see* Menozzi, R. 21914
Fantini, S. *see* Walker, S.A. 37658
Fantini, V. *see* Serri, L. 14216
Fantoni, A., Vieira, M., Cruz, J., Schwarz, A., Martins, R. A two-dimensional numerical simulation of a non-uniformly illuminated amorphous silicon solar cell 20035
Fanty, M. *see* Cole, R.A. 14998
Faouzi, D. Intelligent services: towards more autonomy 26292
Faqiang Wang *see* Wang Faqiang
Faqir, N.M. *see* Haj Khalil, R.A. 60584
Farach, J.E., Grady, W.M., Arapostathis, A. Optimal harmonic sensor placement in fundamental network topologies 8978
Farach, M. *see* Christopher, G. 10376
Farag, A.A. *see* Wilson, S.A. 14820
Farag, A.S., Al-Baiyat, S. Optimal design of power systems under constraints of reliability and cost 50351
Farag, A.S., Cheng, T.C., Hu, L., Penn, D., Thompson, J. Study for optimal design of gas insulated substations (GIS) to reduce magnetic fields 51416
Farag, A.S., Du, Y., Wang, F., Cheng, T.C. Multimode wave theory application to the analysis of very fast transients in lossless systems 28746
Farag, E.N., Elmasry, M.I. Low-power subband coding algorithm 25392
Farag, F.M. *see* El-Shahat, I.A. 53670
Farag, F.M. *see* Soliman, F.A.S. 53669
Farag, M. *see* El-Shibini, M. 19259
Farag, N. *see* Nadworny, E.B. 334
Faraggi, E.Z. *see* Noach, S. 17621
Farago, A., Biro, J., Henk, T., Boda, M. Analog neural optimization for ATM resource management 26028
Farago, A. *see* Chlamtac, I. 46782
Farago, A. *see* Szarkowicz, K. 57965
Farah, A.R. *see* Blair, H.D. 20847
Farah, J., Azar, B., Khoury, A., Mialhe, P., Blaise, P. Dynamic interface velocity for junction characterization 9553
Farahani, M.M., Buller, J.F., Garg, S. Limitation of the TiN/Ti layer formed by the rapid thermal heat treatment of pure Ti films in an NH_3 ambient in fabrication of submicrometer CMOS flash EPROM IC's 32540
Farahat, M.A., Gockenbach, E., El-Alaily, A.A., Abdel Aziz, M.M. Effect of coating materials on the electrical performance of copper joints 11812
Farahi, F. *see* Ferreira, L.A. 7368
Farahi, F. *see* Ferreira, L.A. 48608
Faraj, R., Hayes, J.F. The characterization of self-similar traffic in ATM networks 46552
Faraji, B., Mitchell, C., Kovac, Z. Reliability of μBGA packaging technology 20927
Faraone, L. *see* Meyer, J.R. 7562
Faraone, L. *see* Meyer, J.R. 42149
Faraone, L. *see* Musca, C.A. 12281
Faraone, L. *see* Musca, C.A. 23684
Faraone, L. *see* Siliquini, J.F. 17394
Fararooy, S. *see* Lehrasab, N. 345
Fararooy, S. *see* Lehrasab, N. 27544
Farber, D. Communications technology and its impact by 2010 46850
Farber, D.J. *see* Tam, I.M.-C. 47309
Farber, N. *see* Girod, B. 5145
Farchi, A. *see* Beauvais, P.-Y. 37207
Fard, A. *see* Tavakoli, A. 34296
Fardad, M.A., Yeatman, E.M., Dawnay, E.J.C., Green, M., Fick, J., Guntau, M., Vitrant, G. Fabrication and characterisation of a CdS-doped silica-on-silicon planar waveguide 3419
Fardad, M.A. *see* Fournier, P. 33083
Fardanesh, M., Ersoy, O.K. Classification accuracy improvement of neural network classifiers using unlabeled data 15705
Fardanesh, M. *see* Safavian, S.R. 57330
Fardeau, P. *see* Boulanger, P. 60501
Fardin, P. *see* Bacchetta, N. 59289
Faremo, H., Ildstad, E. Diagnosis and restoration of water tree aged XLPE cable materials 19340
Faremo, H., Saure, M., Densley, J., Kalkner, W., Mashikian, M., Smit, J.J. Water tree testing of materials 2967
Faremo, H. *see* Benjaminsen, J.T. 19339
Farenc, D. *see* Moncoqut, D. 22823
Farenik, V.I. *see* Lisovskii, V.A. 23155
Fares, D.A. Heterodyne detection of multipulse signaling in optical communication channels 6776
Fares, F. *see* Beringer, J. 37394
Fares, F. *see* Sellin, P.J. 18095
Fargeot, S., Julien-Vergonjanne, A., Guillon, P. Dielectric resonator antenna for material characterization 11023
Farges, J. *see* Delahaye, D. 49958
Fargier, H. *see* Dubois, D. 10281
Fargues, D., Tyuliev, G., Brojerdi, G., Eddrief, M., Balkanski, M. Ultra-high vacuum deposition of sodium on indium monoselenide: intercalation or chemical reaction? 52827
Fargues, M. *see* Bukowinski, S. 15178
Fargues, M. *see* Bukowinski, S.J. 15512
Fargues, M.P., Bennett, R. Comparing wavelet transforms and AR modeling as feature extraction tools for underwater signal classification 6994
Fargues, M.P. *see* Hippenstiel, R.D. 4865
Farhadiroushan, M. *see* Feced, R. 48579
Farhadiroushan, M. *see* Parker, T.R. 48635
Farhadiroushan, M. *see* Parvaneh, F. 17411
Farhadiroushan, M. *see* Parvaneh, F. 58777
Farhan, F., Thompson, L. How to calculate availability for HFC telephony: real-world problems encountered in the plant 6367
Farhang-Boroujeny, B. Analysis and efficient implementation of partitioned block LMS adaptive filters 4645
Farhang-Boroujeny, B. Channel equalization via channel identification: algorithms and simulation results for rapidly fading HF channels 6477
Farhang-Boroujeny, B. An IIR adaptive line enhancer with controlled bandwidth 34792
Farhang-Boroujeny, B., Gazor, S. Performance of LMS-based adaptive filters in tracking a time-varying plant 4646
Farhang-Boroujeny, B. *see* Yeo, S.H. 47456
Farhat, A., Isabelle, J.-F., O'Shaughnessy, D. Clustering words for statistical language models based on contextual word similarity 14892
Farhoomand, A. *see* Drury, D.H. 117
Farhoomand, J., Knowlton, B., McMurray, R.E., Jr., Haller, E.E. Preliminary test results of a resonant Ge:Ga far-infrared photoconductor 33261
Faria, A.R.de *see* de Faria, A.R.
Faria, J.A.Brandao *see* Brandao Faria, J.A.
Faria, R.M. *see* Dirani, E.A.T. 38359
Faria, R.M. *see* Nogueira, J.S. 32612
Faria, R.M. *see* Oliveira, J.J.S. 38390
Faria, R.M. *see* Pinheiro, W. 38391
Faria, R.R.A., Ruschioni, R.A., Zuffo, J.A. Wavelets in music analysis and synthesis: timbres analysis and perspectives 27197
Faria, S.de *see* de Faria, S.
Faria, S.M.M.De *see* De Faria, S.M.M.
Farias, M.H. *see* Ponce, L. 2057
Farias, R.G., Giarola, A.J. The use of FDTD for the analysis of semiconductor waveguides containing a magnetostatic-field controlled plasma 34173
Faricelli, J. *see* Doyle, B.S. 22848
Faricelli, J. *see* Khalil, N. 12857
Farid, R.S. *see* Fontes, M.B.A. 28081
Faried, S.O., El-Serafi, A.M. Effect of HVDC converter station faults on turbine-generator shaft torsional torques 60360
Faried, S.O. *see* Billlinton, R. 38695
Farina, A., Gini, F., Greco, M.V., Lee, P.H.Y. Improvement factor for real sea-clutter Doppler frequency spectra 6923
Farina, A. *see* Bollini, P. 6874
Farina, A. *see* Ceccarelli, M. 57074
Farina, A. *see* Ceccarelli, M. 60015
Farina, A. *see* Costantini, M. 27071
Farina, A. *see* de Feo, M. 58410
Farina, J. *see* Fernandez-Gomez, S. 11243
Farina, M., Morini, A., Pierantoni, L., Rozzi, T. Field analysis and design criteria of T-gate growing wave TW-FETs 31504
Farina, M. *see* Rozzi, T. 45323
Farina, O. *see* Berti, A.C. 40496
Farina, P. *see* Carpita, M. 51788
Farina, P. *see* Carpita, M. 51806
Farine, J. *see* Lou, K. 7818
Farini, A. *see* Manigrasso, R. 51785
Farino, A.J. *see* Dodd, P.E. 21691
Faris, S. *see* Schlichting, W. 43918
Faris, S.M. *see* Le Li 55328
Farish, O. *see* MacGregor, S.J. 51261
Farish, O. *see* Ponsonby, A. 51423
Farish, O. *see* Zhu Fang 38400
Farison, J.B. *see* Youngin Shin Oh 5166
Farjah, E., Schaeffer, C., Perret, R. Experimental thermal parameter extraction using nondestructive tests [on IGBTs] 40891
Farjami, P. *see* Kleier, S. 57980
Farjon, A., Tholomier, M. Why and how using the fuzzy logic in the power electronics field 60874
Farjon, A. *see* Bonnet, M. 51163
Farkas, Gy., Toth, Cs., Neuman, K.C., Tittel, F.K. Wavelength dependence of harmonic generation efficiency at metal surfaces induced by femtosecond Ti:sapphire laser pulses 4020
Farkas, P., Weinrichter, H. Transcontrol codes with run-length limitation 24666
Farkas, P. *see* Cuchran, J. 34588
Farkhondeh, M. *see* Zwart, T. 36368
Farley, A.N. *see* Valera, M.S. 3255
Farley, M. *see* Allen, L.P. 12592
Farley, M. *see* Allen, L.P. 12653
Farley, R.O., Stamatelos, G.M., Falconer, D.D. Simulation studies of broadband wireless systems employing code combining techniques 6084
Farmer, B. *see* Jennings, C. 50845
Farmer, D.M. *see* Schmidt, H. 50156
Farmer, J.C. *see* Wagner, A.V. 30950
Farmer, J.C. *see* Wagner, A.V. 39240
Farmer, J.W. *see* Itoh, K.M. 1991
Farmer, J.W. *see* Wheeler, E.D. 22527
Farmer, J.W. *see* Wheeler, E.D. 32125
Farmer, K.R., Debauche, C.P., Giordano, A.R., Lundgren, P., Andersson, M.O., Buchanan, D.A. Weak fluence dependence of charge generation in ultra-thin oxides on silicon 2580
Farmer, K.R., Digges, T.G., Jr. A miniature fiber sensor keeps pressure under control 27590
Farmer, M., Culver, R. The challenges of low-cost, automated satellite operations 8286
Farmer, R. 670 MW Malaysia combined cycle station guarantees 86% availability 38626
Farmer, R. Launch model 401 introduced at 84 MW and 36% plant efficiency 50792
Farmer, R.G. *see* Ranaweera, D.K. 8841
Farmer, S. *see* Treen, A. 958
Farmer, S.F. *see* Halliday, D.M. 49630
Farn Wang Scalable compositional verification of high-level real-time concurrent systems from 10^7 to 10^{85} states 5866
Farnham, R., Ba-Maung, I. Enhanced control system for non-standard pulverized fuel mills using individual mill capability indices 38612
Farnham, R. *see* Ordys, A.W. 38629
Farnosov, S.A. *see* Bagayev, S.N. 27375
Farnsworth, J. *see* Dao, G. 22647
Farnum, E.H. *see* Cooke, D.W. 13612
Farokhrooz, F.N. *see* Tafti, H.A. 3836
Farooq, F. *see* Abbas, H.M. 48121
Farooq, K. The effect of particulate and water contamination on the dielectric strength of insulating oils 13277
Farooq, M. *see* Abbas, H. 45817
Farooque, M. *see* Leo, A.J. 19662

Farouk, H., Rashwan, M., Mashali, S., Nassar, A. A new adaptive technique for color image compression 35263
Farouki, R.T. Optimal parameterizations 30574
Farouki, R.T., Goodman, T.N.T. On the optimal stability of the Bernstein basis 10429
Farouki, R.T., Shah, S. Real-time CNC interpolators for Pythagorean-hodograph curves 550
Farouki, R.T. *see* Albrecht, G. 513
Faroult, M. *see* Juncar, P. 17182
Farpon, O. *see* Calpe, J. 6384
Farpon Martinez, O. *see* Magdalena Benedito, J.R. 4585
Farquhar, D.S., Steinwall, J.E. Elastic properties of filled epoxy encapsulants 30283
Farr, J.L., Jr. *see* Issacci, F. 28575
Farr, T.G., Chadwick, O.A. Geomorphic processes and remote sensing signatures of alluvial fans in the Kun Lun Mountains, China 28605
Farrant, D.I. *see* Hibino, K. 59052
Farrant, D.I. *see* Takatsuji, T. 59009
Farrant, D.R. *see* Connolly, S.M. 9037
Farre, J.A. *see* Solhusvik, J. 34862
Farrell, A. *see* Ho, M. 35604
Farrell, B. *see* Noll, T.E. 1887
Farrell, B. *see* Noll, T.E. 45465
Farrell, B. *see* Noll, T.E. 52237
Farrell, C., Schulze, M., Pleitner, S., Songerwala, M. Network monitoring and visualization 46918
Farrell, J., Grewal, M., Djodot, M., Barth, M. Differential GPS with latency compensation for autonomous navigation 6998
Farrell, J.E., Xuemei Zhang, Van Den Branden Lambrecht, C.J., Silverstein, D.A. Image quality metrics based on single and multi-channel models of visual processing 46374
Farrell, J.E. *see* Silverstein, D.A. 57006
Farrell, J.E. *see* Xuemei Zhang 46506
Farrell, J.F., Wright, J.C. High performance AM-LCD designs for military/severe environments 17695
Farrell, K.W., Jr. *see* Wei Lin 58536
Farrell, P. *see* Boyarinov, I. 45535
Farrell, P.G. *see* Carrasco, R.A. 4460
Farrell, P.G. *see* Carrasco, R.A. 6521
Farrell, P.M. *see* Petreski, B.P. 23783
Farrell, T., Anderson, L., Dunne, J., McDonald, D., Davis, M., O'Dowd, R. Low cost wavelength and power settable source for deployment in WDM networks 58336
Farrell, T., Nunes, R., Campbell, R., Hoh, P., Samuels, D., Kirk, J., Conley, W., Iba, J., Shibata, T. The viability of conventional high NA KrF imaging for sub-0.25μ lithography 2500
Farrell, T. *see* Azuma, T. 32282
Farrell, T.C., Prescott, G. A low probability of intercept signal detection receiver using quadrature mirror filter bank trees 16545
Farrey-Goudreau, E. *see* Billhartz, T. 57614
Farries, M.C. *see* Loh, W.H. 14220
Farrington, A.H. Simulated cabling and test equipment for advanced maintenance training 39626
Farrington, R.W. *see* Jacobs, M.E. 51297
Farris, M. *see* Verhaege, K. 24339
Farroha, B.S., Deshmukh, R.G. Real-time VLSI techniques for processing of computer images 35123
Farroha, B.S., Deshmukh, R.G. A novel high-speed architecture for machine vision applications 35142
Farrow, G.S.D., Xydeas, C.S., Oakley, J.P., Khorabi, A., Prelcic, N.G. A comparison of system architectures for intelligent document understanding 15472
Farrow, R.C. *see* Harriott, L.R. 22700
Farrow, R.C. *see* Harriott, L.R. 42874
Farrow, R.C. *see* Mkrtchyan, M.M. 2492
Farruggia, G. *see* Yuan-Sheng Tyan 43900
Farruggio, D., Muller, M.A. Optimal rotor flux control for induction motors 9591
Farry, K.A. *see* Fernandez, J.J. 56481
Farserotu, J. *see* Ezers, R. 47885
Faruque, S. Propagation prediction based on environmental classification and fuzzy logic approximation 4248
Farvacque, J.-L. Theoretical aspects of the minority carrier recombination at dislocations in semiconductors 31820
Farvacque, L., Gunzel, T., Laclare, J.L., Limborg, C., Ropert, A., Weinrich, U. ESRF experience relevant to the production of short intense electron bunches in storage rings 18005
Farvacque, L. *see* Tanaka, H. 17907
Farvardin, N. *see* Cheng-Chieh Lee 34624
Farvardin, N. *see* Jafarkhani, H. 35349
Farvardin, N. *see* Ligdas, P. 36039
Farwell, S.G. *see* Culverhouse, D.O. 13631
Farwell, S.G. *see* Culverhouse, D.O. 13746
Farwell, S.G. *see* Culverhouse, D.O. 23648
Farwell, S.G. *see* Culverhouse, D.O. 36128
Farwell, S.G. *see* Culverhouse, D.O. 44128
Farwell, S.G. *see* Paschotta, R. 33419
Farwell, W.D. *see* Franco, P. 48353
Farzaneh, M., Chen, X., Zhang, J. The influence of applied voltage on the surface conductivity of atmospheric ice deposited on insulating surfaces 8932
Farzaneh, M., Zhang, J., Chen, X. Modeling of the AC arc discharge on ice surfaces 38395
Farzaneh, M. *see* Zhang, J. 8938
Farzanpay, F. *see* Lolos, G.J. 59197
Fasana, A. *see* Dallera, C. 7847
Fasanella, K. *see* Yao Li 13585
Fasching, M. Losses due to stray inductance in switch mode converters 29434
Fasching, M. Basic features, construction and physical properties of IGB-transistors and their application in railroad transportation systems 39331
Faschinger, W. Fundamental doping limits in wide gap II-VI compounds 22239
Faschinger, W. *see* Mariette, H. 12721
Faschinger, W. *see* Nurnberger, J. 44457
Faschinger, W. *see* Schull, K. 54164
Faschinger, W. *see* Straub, H. 12255
Fascioli, A. *see* Bertozzi, M. 57442
Fasih, M. *see* Rashed-Mohassel, J. 24333
Faska, T.S. *see* Beck, W.A. 27669
Faska, T.S. *see* Beck, W.A. 48660
Fasol, K.H. Stabilization and re-engineering of a hydro-electric power plant–a case study 29145
Fasoli, L., Fiorini, C., Longoni, A., Sampietro, M., Lechner, P., Struder, L. Front-end electronics integrated on high resistivity semiconductor radiation detectors 59306
Fasoli, L. *see* Bertuccio, G. 37497
Fasoli, L. *see* Bertuccio, G. 59339
Fassbinder, S. Fireproof cables and lines 50577
Fasso, A., Gaborit, J.C., Hoefert, M., Pirotte, F., Silari, M. Radiation levels in LEP, 1989-1995 37923
Fast, J. *see* Kagan, H. 37508
Fast, J. *see* Shipsey, I. 59232
Fast, J. *see* Spencer, M.B. 59274
Fast, S.A., Ryan, F.J. A numerical comparison of wedge diffraction using uniform geometrical theory of diffraction and parabolic equation methods 33945
Fastenau, R. *see* Hopman, H.J. 41762
Fastenau, R.H.J., van Loenen, E.J. Applications of rare earth permanent magnets 3248
Fastow, R. *see* Shauly, E. 54632
Fasullo, G.H. *see* Jacobs, M.E. 51297
Fatahi-Vanani, F. *see* Capellmann, C. 6299
Fatalski, L. *see* Ellison, T. 51591
Fateev, A.A. *see* Dolbilov, G.V. 37044
Fatelnig, P. *see* Edin, P. 18589
Fatemi, M. Characterization of semiconductor strained layers grown on (110)-type substrates by high-resolution X-ray diffractometry 42186
Fatemi, M., Greenleaf, J.F. Assessment of tissue nonlinearity using "nonlinear shadowing" effect 18362
Fatemi, M. *see* Berry, A.D. 12375
Fatemi, N.S., Hoffman, R.W., Jr., Lowe, R.A., Jenkins, P.P., Garverick, L.M., Wilt, D.M., Scheiman, D. High efficiency converters for thermophotovoltaic applications 20093
Fatemi, N.S., Weizer, V.G., Wilt, D.M., Hoffman, R.W., Jr. Ultra-low resistance, nondestructive contact system for InP/InGaAs/InP double heterostructure TPV devices 39227
Fatemi, N.S. *see* Hoffman, R.W., Jr. 37977
Fatemi, N.S. *see* Stone, K.W. 50829
Fatemi, N.S. *see* Wilt, D.M. 38975
Fatemi, O., Panchanathan, S. VLSI architecture of a scalable matrix transposer 21621
Fatemi, O., Panchanathan, S. Fractal engine 46404
Fatemi, O., Zhang, S., Panchanathan, S. Optical flow based model for scene cut detection 15500
Fath, P., Bucher, E., Willeke, G. Highly efficient crystalline silicon solar cells using a novel shallow angle metallization (SAM) technique 39217
Fathi, M. *see* Fremont, H. 53844
Fathi, M. *see* Saint-Christophe, E. 12042
Fathi, M. *see* Tresp, C. 18307
Fathi, Y. A linear approximation model for the parameter design problem 52125
Fathimulla, A. *see* Ahoujja, M. 31943
Fathy, M. *see* Siyal, M.Y. 5474
Fatikow, S. A microrobot-based automatic desk-station for assembly of micromachines 41703
Fatikow, S., Rembold, U. An automated microrobot-based desktop station for micro assembly and handling of micro-objects 17217
Fatis, T.Tabarelli de *see* Tabarelli de Fatis, T.
Fatland, R. *see* Lu, Z. 60017
Fatmi, H.A. *see* Beaumont, P.K. 57667
Fato, M. *see* DiSomma, C. 37848
Fato, M. *see* Raposio, E. 37847
Fatome, M. *see* Clarencon, D. 37827
Fatoohi, R. Performance evaluation of communication networks for distributed computing 57814
Fatri, R. *see* Sharda, N. 46907
Fattah, I.H.A. *see* Ibrahim, N.M. 43954
Fattah, Y.El *see* El Fattah, Y.
Fattakhov, Y., Galyautdinov, M., L'vova, T., Khaibullin, I. Dynamics of recrystallization and melting of implanted silicon at irradiation by powerful light pulses 42362
Fatteri, V. *see* Stampor, W. 44292
Fattibene, P. *see* Onori, S. 28476
Fattori, V. *see* Kalinowski, J. 13870
Fattorini, L. *see* Babiloni, F. 59640
Fattorini, L. *see* Babiloni, F. 59707
Fattouche, M. *see* Shi, Z.L. 16532
Fat'yanov, O.V., Usuba, S., Yoshida, M., Kakudate, Y., Yokoi, H., Fujiwara, S. Electromagnetic processes and launch efficiency of railgun systems 33893
Faubel, W., Seidel, B.S., Ache, H.J. Trace analysis of water pollutants by photothermal phase shift spectroscopy with an integrated optical microinterferometer 28664
Faubert, G. *see* Lalande, G. 20009
Faucher, D., Lessard, J., Rondot, P., Cote, J., McGee, J.-Y. Ground operated teleoperation system for live power line maintenance 28868
Fauchere, A.L. *see* Lesovik, G.B. 43794
Fauchet, P.M. Photoluminescence and electroluminescence from porous silicon 33287
Fauchet, P.M. *see* Hirschman, K.D. 23704
Fauchet, P.M. *see* Lindgren, M. 55122
Fauchet, P.M. *see* Tsybeskov, L. 3673
Fauchet, P.M. *see* Tsybeskov, L. 13865
Fauchet, P.M. *see* Tsybeskov, L. 44289
Faucheur, F.Le *see* Le Faucheur, F.
Fauci, F. *see* D'Amico, N. 36303
Faucon, G. *see* Ayad, B. 15015
Faucon, G. *see* Le Bouquin Jeannes, R. 26605
Faucon, G. *see* Le Bouquin Jeannes, R. 34636
Faude, D. *see* Kim, J.I. 38513
Faudemay, P., Liming Chen, Montacie, C., Caraty, M.-J., Maloigne, C., Xiao Wei Tu, Ardebilian, M., Le Floch, J.-L. Multi-channel video segmentation 46053
Faudemay, P. *see* Ardebilian, M. 46051
Faugeras, O. *see* Deriche, R. 56889
Faugeras, P. *see* Di Bin, P. 43936
Faugieres, J.C. *see* Mazaleyrat, F. 3155
Fauillet, R. *see* Maginier, S. 50515
Faul, R. *see* Roth, M. 36763
Faulkner, C.C., Jones, S.M. An MCM based HIPERLAN radio sub-system 57857
Faulkner, D., Mistry, R., Rowbotham, T., Okada, K., Warzanskyj, W., Zylbersztejn, A., Picault, Y. The full services access networks initiative 57722
Faulkner, D. *see* Priotti, P. 26392
Faulkner, D. *see* Quayle, A. 16446
Faulkner, D.J. *see* Brinson, M.E. 53057
Faulkner, J. *see* Gipprich, J. 53644
Faulkner, K., James, H.V., Chapple, C.L., Rawlings, D.J. Assessment of effective dose to staff in brachytherapy 8215
Faulkner, M. *see* Berangi, R. 47671
Faulkner, M. *see* Bishara, M. 58174
Faulkner, M. *see* Sundstrom, L. 1451
Faulkner, M. *see* Zonoozi, M. 47730
Faulkner, M.G. *see* Hay, A.S. 7871
Faulkner, R.G., Song, S. Radiation-induced segregation in materials: implications for accelerator-driven neutron source applications 7764
Faunce, C.A. *see* Pringle, S.D. 10891
Fauquembergue, R. *see* Mouton, O. 41927
Fauquembergue, R. *see* Sleiman, A. 42081
Faure, B. *see* Mauuary, D. 50206
Faure, C. *see* Cornet, P. 45154
Faure, C. *see* Deletage, J.-Y. 30264
Faure, J. *see* Kalitzova, M. 32129
Faure, J. *see* Leray, I. 48710
Faure, J. *see* Simon, L. 813
Faure, J.L. *see* Alexeev, G. 59200
Faure, J.L. *see* Auffray, E. 37281
Faure, N., Borel, C., Couchaud, M., Basset, G., Templier, R., Wyon, C. Optical properties and laser performance of neodymium doped scheelites $CaWO_4$ and $NaGd(WO_4)_2$ 23871
Faure, N., Borel, C., Templier, R., Couchaud, M., Calvat, C., Wyon, C. Optical properties and laser performance of neodymium doped fluoroapatites $Sr_xCa_{5-x}(PO_4)_3F$ (x=0, 1, 2, 3, 4, and 5) 14040
Faure, P. *see* Ducimetiere, L. 51409
Faurie, J.-P. *see* Tournie, E. 770
Faurie, J.P. *see* Almeida, L.A. 709
Faurie, J.P. *see* Almeida, L.A. 719
Faurie, J.P. *see* Morhain, C. 22358
Faurie, J.P. *see* Wijewarnasuriya, P.S. 2305
Faurie, J.P. *see* Yoo, S.S. 7836
Faurie, J.P. *see* Teisseyre, H. 40442
Fausett, D. *see* Amer, M.A. 21149
Fausett, L.V. *see* Alhumaidi, S.M. 15238
Fausett, L.V. *see* Elwasif, W.R. 15231
Fausett, L.V. *see* McDowall, T.M. 15237
Faust, C.D. *see* Herriage, M.J. 18706
Faust, T.D. *see* Bhandarkar, S. 25481
Faust, U. *see* Li, J.H. 18443
Faust, W.P., Rahmat-Samii, Y. The effects of mounting plates and horn chokes in feeds for reflectors in space applications 34485
Faustini, L., Martini, G. Bend loss in single-mode fibers 55181
Faustini, L. *see* Cacciatore, C. 44720
Faustini, L. *see* Coriasso, C. 13653
Favalli, L., Mecocci, A., Pizzi, R. Non-linear adaptive filtering for channel equalization 56493
Favalli, M., Benini, L. Analysis of glitch power dissipation in CMOS ICs 21444
Favalli, M. *see* Metra, C. 32556
Favalli, M. *see* Metra, C. 36436
Favaron, M. *see* Sozzi, R. 50051
Favaron, P. *see* Bisoffi, G. 49154
Favaron, P. *see* Dainelli, A. 49138
Favaron, P. *see* Facco, A. 49139
Favaron, P. *see* Lombardi, A. 37117
Favati, P., Lotti, G., Romani, F. New symmetric interpolatory quadrature formulas 30551
Fave, A., Kaminski, A., Gavand, M., Mayet, L., Laugier, A. GaAs converter for high power laser diode 38985
Favier, D. *see* Pascazio, M. 36971
Favier, G. *see* Dembele, D. 14770
Favier, J. *see* Arisaka, K. 37239

Favier, J. *see* Arisaka, K. 37460
Favieres, C., Sanchez, M.C., Lopez, E., Sanchez, P., Aroca, C. Influence of substrate geometry on the magnetic properties of CoP cylindrical multilayers 3193
Favire, F. *see* Amersfoort, M.R. 44511
Favire, F. *see* Zah, C.E. 55630
Favre, B. *see* Chaabane, L. 48467
Favre, C. *see* Hernandez, A. 28129
Favre, F., Le Guen, D., Moulinard, M.L., Henry, M., Francois, P.L., Devaux, F., Georges, T. Single-wavelength 40 Gbit/s, 8×100 km-span soliton transmission without any in-line control 47899
Favre, F., Le Guen, D., Moulinard, M.L., Henry, M., Michaud, G., Devaux, F., Legros, E., Charbonnier, B., Georges, T. Demonstration of soliton transmission at 20 Gbit/s over 2200 km of standard fibre with dispersion compensation and pre-chirping 47963
Favre-Nicolin, C.D., Lub, J., van der Sluis, P. Optical and structural properties of new discotic acrylates polymerized in the discotic nematic phase 55332
Favreau, J.P. *see* Cavalli, A.R. 25929
Favro, L.D. *see* Thomas, R.L. 38123
Favuzzi, C. *see* Barbarito, E. 18093
Fawaz, H., Thiery, J.-F., Linh, N., Mollot, F., Pesant, J.-C., Francois, M., Muller, M., Delos, E., Salmer, G. III-V complementary HIGFET technology for low power microwave and high speed/low power digital integrated circuits 54822
Fawaz, H. *see* Thiery, J.F. 54352
Fawcett, B.K., Watson, J. FPGA applications in digital video systems 46045
Fawcett, J.N. *see* Acarnley, P.P. 29771
Fawcett, J.N. *see* Acarnley, P.P. 51822
Fawcett, T., Provost, F. Combining data mining and machine learning for effective user profiling 16195
Fawe, A.L. Analytical speech encoding 4594
Fawley, G. *see* Hansen, D.A. 54421
Fawley, R.J. *see* Efthymiou, N. 47852
Fawley, W.M., Vella, M.C., Peters, C., Stuart, M., Faltens, A. Design and construction of a large aperture quadrupole electromagnet 59154
Fawley, W.M. *see* Celata, C.M. 59132
Fawley, W.M. *see* Haber, I. 18035
Fay, D.A. *see* Waxman, A.M. 17511
Fay, D.A. *see* Waxman, A.M. 25546
Fay, J. *see* Auffray, E. 18084
Fay, J. *see* Auffray, E. 37281
Fay, J. *see* Mehta, S.K. 27101
Fay, P. *see* Mahajan, A. 1717
Fay, P. *see* Mahajan, A. 43344
Fay, P. *see* Panepucci, R. 22377
Fay, P. *see* Wohlmuth, W. 48540
Fay, P. *see* Wohlmuth, W.A. 17361
Fay, P. *see* Wohlmuth, W.A. 58751
Faybusovich, L. Semidefinite programming: a path-following algorithm for a linear-quadratic functional 10414
Faye, C. *see* Naudet, S. 46520
Fayek, R.E., Wong, A.K.C. Extracting buildings from aerial topographic maps 38119
Fayek, R.E., Wong, A.K.C. Extracting buildings from aerial topographic maps 57257
Fayeulle, S. *see* Bigarre, J. 23253
Fayeulle, S. *see* Rambaut, C. 23205
Fayman, J.A., Rivlin, E., Mosse, D. Real-time active vision with fault tolerance 5607
Faynot, O. *see* Pelloie, J.L. 22816
Faynot, O. *see* Raynaud, C. 22963
Fayolle, F., Couderc, J.-P., Duverneuil, P. Analysis and modeling of SIPOS deposition in a hot wall tubular reactor. Pt. I. Review of previous work and experimental study 30924
Fayolle, F., Couderc, J.-P., Duverneuil, P. Analysis and modeling of SIPOS deposition in a hot wall tubular reactor. Pt. II. Modeling of SIPOS deposition 30925
Fayot, M. *see* Cordier, C. 39924
Fayoux, C. *see* Afif, M. 41757
Fays, M.de *see* de Fays, M.
Fayyad, K.V. *see* Hill, R.W., Jr. 58259
Fayyad, U.M. *see* Smyth, P. 40013
Fayyaz, N., Abbaspour-Tamijani, A., Safavi-Naeini, S., Hodjat, N. Design and analysis of a circular patch antenna on a finite conical ground plane 34256
Fayyaz, N. *see* Safavi-Naeini, S. 34276
Fazakas, A. *see* Festila, L. 40935
Fazakas, A. *see* Neag, M. 40934
Fazarinc, Z. Computers in support of conceptual learning 20595
Fazarinc, Z. Quest for understanding sciences 30072
Fazekas, K. Communication technology for telemedicine and diagnostic radiology: a case study 18299
Fazekas, L. *see* Szabo, T. 18296
Fazekas, Z., Erenyi, I., Nemeth, J., Renyi, I., Seres, A. Finding tokens for registration in ophthalmic images 37694
Fazel, K. Iterative decoding of generalized concatenated Blokh-Zyablov-codes 4464
Fazi, C. *see* Huang, W. 725
Fazi, C. *see* Neudeck, P.G. 32363
Fazinic, S. *see* Manfredotti, C. 37318
Fazio, E., Bevilacqua, P., Bertolotti, M. Engineering of Z-Scan experimental configuration for fast characterization of nonlinear materials 7636
Fazio, E. *see* Ramadan, W.A. 7634
Fazio, M.V., Carlsten, B.E., Earley, L.M., Fortgang, C.M., Haddock, P.C., Haynes, W.B. The development of an annular-beam, high power free-electron maser for future linear colliders 33353
Fazio, R. *see* Blanter, Ya.M. 42191
Fazlin, F. Plasma treatment for improved wire bonding 1855
Fazlo, E., Sibilia, C., Bertolotti, M. All-optical switching induced by cascading nonlinearities 14382
Fazlollahi, A.H., Javidi, B., Willett, P. Minimum-error-probability receiver for detecting a noisy target in colored background noise 57138
Fazzi, A., Jalas, P., Rehak, P., Holl, P. Charge-sensitive amplifier front-end with an nJFET and a forward-biased reset diode 28047
Fazzi, A., Rehak, P. A double-gate double-feedback JFET charge-sensitive preamplifier 37500
Fdez-Valdivia, J. *see* Garcia-Silvente, M. 5374
Fdez-Valdivia, J. *see* Garcia-Silvente, M. 56910
Fdida, S. *see* De Rezende, J.F. 5859
Fdil, A. A new method for solving a nonlinear equation with error estimations 605
Fdil, A. Some results of convergence acceleration for a general Θ-type algorithm 40164
Fearing, R.S. *see* Furuichi, H. 23073
Fearnhead, P. *see* Carpenter, J. 34743
Feast, W.J. *see* Cacialli, F. 13872
Feather, T.E. *see* Cheung, E.S.H. 16935
Febel, A. *see* Esin, S.K. 37020
Febri, M., Chenevier, B., Joubert, J.C. Synthesis of soft ferromagnetic nanocomposites by controlled diffusion-segregation in $Nd_2(Fe,Co)_{14}B$ 940
Febri, M., Ezekwenna, P., Chaudouet, P., L'Heritier, P., Joubert, J.C. A new method of nitrogenation of RE-TM alloys via chemical reaction with sodium azide as an oxygen-free nitrogen source 925
Febri, M. *see* Kramp, S. 923
Febvre, J. *see* Bouffault, F. 58625
Febvre, P. *see* Boutez, C. 31533
Feced, R., Farhadiroushan, M., Rodriguez, P., Handerek, V., Rogers, A.J. Advances in high resolution distributed sensing using a time-resolved photon counting technique 48579
Feced, R., Roe-Edwards, M.P., Kanellopoulos, S.E., Taylor, N.H., Handerek, V.A. Mechanical strength degradation of UV exposed optical fibres 23513
Fechner, P.S. *see* Liu, S.T. 22910
Fedasyuk, D.V. *see* Koval, V.A. 43245
Fedder, G.K., Howe, R.T. Multimode digital control of a suspended polysilicon microstructure 13201
Fedders, P.A. *see* Estreicher, S.K. 41842
Fedders, P.A. *see* Stumm, P. 31760
Feddi, M.El *see* El Feddi, M.
Fedenev, A.V. *see* Tarasenko, V.F. 23737
Feder, D. *see* Hlavac, M.J. 51485
Feder, D.O., Jones, W.E.M. Gas evolution, dryout, and lifetime of VRLA cells an attempt to clarify fifteen years of confusion and misunderstanding 51470
Feder, D.O. *see* Jones, W.E.M. 51479
Feder, K. *see* Miller, B.I. 55629
Feder, K. *see* Young, M.G. 26833
Feder, M. *see* Shusterman, E. 5557
Feder, M. *see* Shusterman, E. 34931
Federighi, M. *see* Amirhaghi, S. 39906
Federighi, M. *see* Shalom, A. 44478
Federighi, M. *see* Tellert, T. 3715
Federrath, H., Jerichow, A., Pfitzmann, A. MIXes in mobile communication systems: location management with privacy 26630
Fedi, G., Liberatore, A., Luchetta, A., Manetti, S., Piccirilli, M.C. A symbolic approach to the fault location in analog circuits 11061
Fedigan, S.J. *see* Knospe, C.R. 32884
Fedii, V.S., Sobolev, V.N. Electromagnetic processes in a series RLC-loop with a commutator in a capacity circuit 1020
Fedirko, V.A., Shadrin, V.D. Tunneling of silicon electrons through an oxide layer in a strong field 54283
Fedor, A. *see* Neff, J.A. 55472
Fedor, A. *see* O'Brien, D.C. 33153
Fedor, L.S., Westwater, E.R., Falls, M.J. Observations of water vapor and cloud liquid from an airborne dual-frequency radiometer during VORTEX '95 8440
Fedor, L.S. *see* Westwater, E.R. 8425
Fedorak, R. Trends and challenges 1367
Fedorenko, L.L. *see* Starodub, N.F. 27703
Fedorenko, V.E. *see* Yudin, Yu.V. 37485
Fedorenko, V.V., Budko, P.A., Vlasov, V.I. Authenticity analysis of functional diagnostics for signal conditioners 4764
Fedorenko, Ya.G. *see* Sverdlova, A.M. 32088
Fedoretz, V. *see* Miskinis, R. 3016
Fedoriv, V.D. *see* Kostishyn, V.G. 23344
Fedorkova, N.V. *see* Georgievskii, A.M. 31513
Fedorov, A.A. *see* Belichenko, P.V. 28246
Fedorov, A.I. Prospects for improving energy parameters of radiation of a Cu laser excited by a transverse discharge 13914
Fedorov, A.V. *see* Baranov, A.V. 24138
Fedorov, A.V. *see* Gerasimova, L.A. 17852
Fedorov, A.V. *see* Rosanov, N.N. 14259
Fedorov, A.V. *see* Rozanov, N.N. 24212
Fedorov, A.V. *see* van Veen, A. 12182
Fedorov, G.A., Tereshchenko, S.A. Multiplexed systems for the detection of ionizing radiation 7803
Fedorov, G.A., Zubova, O.N. Photographic dosimetry of ionization radiation on the basis of DFK kits 8204
Fedorov, I.A. *see* Bashkin, A.S. 44365
Fedorov, I.A. *see* Konkin, S.V. 13955
Fedorov, I.A. *see* Konkin, S.V. 33387
Fedorov, I.A. *see* Lobachev, V.V. 23753
Fedorov, I.A. *see* Rotinyan, M.A. 13954
Fedorov, M.I., Khazan, M.A., Kaliazin, A.E., Zaitsev, V.K., Kartenko, N.F., Engelychev, A.E. Properties of iron disilicide doped with Ru, Rh and Pd 31909
Fedorov, M.I. *see* Korneichuk, S.K. 48563
Fedorov, S.V. *see* Rosanov, N.N. 14259
Fedorov, S.V. *see* Rozanov, N.N. 14398
Fedorov, S.V. *see* Rozanov, N.N. 24212
Fedorov, V.A. *see* Korkishko, Y.N. 43502
Fedorov, V.A. *see* Korkishko, Yu.N. 23543
Fedorov, V.A. *see* Korkishko, Yu.N. 33063
Fedorov, V.A. *see* Korkishko, Yu.N. 44007
Fedorov, V.B. Optoelectronic associative completely connected switch: development principle and feasibility of implementation 3460
Fedorov, V.B. *see* Bufetov, I.A. 24180
Fedorov, V.B. *see* Karapetyan, R.V. 14345
Fedorov, V.B. *see* Lee, S.Y. 32964
Fedorov, V.G. *see* Afrov, A.M. 29036
Fedorov, V.V. *see* Basiev, T.T. 3749
Fedorov, V.V. *see* Basiev, T.T. 3780
Fedorov, V.V. *see* Basiev, T.T. 23829
Fedorov, V.V. *see* Vasil'ev, N.S. 57679
Fedorova, A.N., Zeitlin, M.G. Wavelets in dynamics, optimal control and Galerkin approximations 45997
Fedorova, V.N. *see* Nikolaev, Yu.V. 19976
Fedorova, V.N. *see* Nikolaev, Yu.V. 19977
Fedorovskii, A.M., Stepanov, A.A., Shcheglov, V.A. Analytical technique for calculation of mirror surface parameters in "HEX-DARR" resonator for lasers with a ring active medium 3920
Fedorovskii, Yu.P. *see* Korenkov, I.P. 60089
Fedorovsky, M.A. *see* Shevchenko, O.A. 51625
Fedors, R. *see* Yin, S. 55208
Fedoseev, M.V. Information redundancy in systems for monitoring water chemistry parameters 19465
Fedoseev, V.I. *see* Kouzmin, V.S. 49869
Fedoseev, V.I. *see* Kouzmin, V.S. 49870
Fedosov, A.I. *see* Zhuravlev, O.A. 12061
Fedosov, S.N., Eberle, G., Eisenmenger, W., Sergeeva, A.E. Spatial distribution of polarization in corona poled P(VDF-TFE) films 54928
Fedosov, S.N., Ploss, B., Eberle, G., Eisenmenger, W. Polarization profiles in P(VDF-TFE) copolymer studied by PPS and LIMM methods 54864
Fedosov, S.N., Sergeeva, A.E., Eberle, G., Eisenmenger, W. Polarization profiles in corona poled P(VDF-TFE) copolymer studied by piezoelectrically induced pressure step method 13250
Fedosov, S.N. *see* Guomao, Y. 54931
Fedosynk, R.M. *see* Gridnev, S.A. 2927
Fedosyuk, R.M. *see* Korotkov, L.N. 2928
Fedotov, A., Drozdovski, A., Shumski, S. The switching effects at grain boundaries spontaneously nucleating at the crystallization front of shaped silicon 12190
Fedotov, A., Ilyashuk, Y., Shumski, S. Carrier transport at silicon and germanium grain boundaries enriched by impurities 12198
Fedotov, A.B., Koroteev, N.I., Loy, M.M.T., Xiao, X., Zheltikov, A.M. Saturation of third-harmonic generation in a plasma of self-induced optical breakdown due to the self-action of 80-fs light pulses 14372
Fedotov, A.B. *see* Akimov, D.A. 3337
Fedotov, A.B. *see* Akimov, D.A. 43903
Fedotov, A.I. *see* Kuznetsov, V.A. 50331
Fedotov, A.P. *see* Batskikh, G.I. 7687
Fedotov, A.P. *see* Batskikh, G.I. 7697
Fedotov, A.P. *see* Murin, B.P. 49190
Fedotov, N.N. *see* Kornienko, L.S. 24037
Fedotova, O.M. *see* Khasanov, O.K. 44717
Fedotovich, G.V. *see* Anashkin, E.V. 37232
Fedrow, B. *see* Alexander, R. 36822
Fedtchouk, A.A. *see* Fedtchouk, A.P. 43221
Fedtchouk, A.P., Rudenko, R.A., Fedtchouk, A.A. Multifractal point defects' clusters in subsurface damaged layer of semiconductor wafers 43221
Fedun, M.A. *see* Swallom, D.W. 20053
Fedunov, B.E. The semantical structure of human-computer interactions on the board of dynamic anthropocentral objects 28563
Fedunov, B.E. Structure and peculiarities of A&DS in a complex anthropocentral objects 59931
Fedyakin, N. *see* Meneghesso, G. 54711
Fedyanin, A.A. *see* Aktsipetrov, O.A. 33695
Fedyanin, A.A. *see* Murzina, T.V. 3344
Fedyczak, Z. *see* Strzelecki, R. 9383
Fedyczak, Z. *see* Strzelecki, R. 60881
Fedynyshyn, T.H. *see* Dentinger, P.M. 32281
Fedynyshyn, T.H. *see* Thackeray, J. 32286

Fee, M.S., Mitra, P.P., Kleinfeld, D. Automatic sorting of multiple unit neuronal signals in the presence of anisotropic and non-Gaussian variability 28359
Fee, R.M. *see* Bulzoni, W.F. 52166
Feehrer, J.R. The effect of propagation delay uncertainty on the speed of time-of-flight digital optoelectronic circuits 13900
Feeley, M.J. *see* Jamrozik, H.A. 5943
Feely, O., Fitzgerald, D. Bandpass sigma-delta modulation–an analysis from the perspective of nonlinear dynamics 1523
Feely, O., Fitzgerald, D. Piecewise-continuous noninvertible maps modelling oversampled analogue-to-digital and digital-to-analogue converters 53374
Feeney, J.M. Breakthrough improvements in dimensional performance of thin laminates for multilayer board manufacturing 1807
Feeney, J.M. Breakthrough improvements in dimensional performance of thin laminates for multilayer board manufacturing 53771
Feenstra, R.M. *see* Briner, B.G. 2256
Feenstra, R.M. *see* Goldman, R.S. 2105
Feenstra, R.M. *see* Goldman, R.S. 12430
Feerouzbakhsh, B. *see* Akbarzadeh-T, M.-R. 51037
Feerouzbakhsh, Y.T.K. *see* Akbarzadeh-T, M.-R. 51037
Fefer, E., Kronik, L., Leibovitch, M., Shapira, Y., Riedl, W. In-situ monitoring of surface chemistry and charge transfer at semiconductor surfaces 2027
Fefferman, G.B. *see* Au, D.T.W. 1810
Feger, C. *see* Shi, L.T. 30337
Feger, C. *see* Story, P.R. 58874
Feher, I. *see* Apathy, I. 8200
Feher, K. *see* Bodas, A. 16618
Feher, K. *see* Brown, C. 5818
Feher, K. *see* Brown, C. 25088
Feher, K. *see* Brown, C. 34566
Feher, K. *see* Do, G.L. 16551
Feher, K. *see* Hatamoto, C. 6455
Feher, K. *see* Hatamoto, C. 6656
Feher, K. *see* McCune, E. 35994
Feher, M. *see* Bozoki, Z. 7672
Fehlberg, S. *see* Gruetzner, G. 42844
Fehlberg, S. *see* Loechel, B. 23052
Fehmers, G.C. Tomography of the ionosphere 50078
Fehndrich, M., Doetsch, H. Excitations of stripe domain lattices in perpendicularly magnetized garnet films 3180
Fehr, C. *see* Donoso, A. 42056
Fehrenbach, J. 10 GHz EME: basic principles and discoveries 26477
Fehrenbacher, G., Meckbach, R., Jacob, P. Unfolding the response of a Ge detector used for in-situ gamma-ray spectrometry 37291
Fehringer, M. *see* Torkar, K. 59857
Fehrle, K.G. *see* Gole, A.M. 38858
Fei, L., Aidong, M., Deying, Z. Distributed optical fiber sensor for the monitoring of the structural strain and deformation 48600
Fei, R.W. Analysis of starting performance and frequency characteristics of synchronous reluctance motors 29277
Fei, X.Y. *see* Li, B. 9559
Fei Chen Ying *see* Ying Fei Chen
Fei Dai *see* Dai Fei
Fei Deng *see* Moon-Ho Park 42252
Fei Ding-Yu *see* Ding-Yu Fei
Fei Jing-Gao A class of parallel algorithms for differential algebraic problems 623
Fei Lu, Ming-Qi Meng, Ke-Ming Wang, Xiang-Dong Liu, Huan-Chu Chen, Ding-Yu Shen Planar optical waveguide in Cu-doped potassium sodium strontium barium niobate crystal formed by mega-electron-volt He-ion implantation 33077
Fei Lu *see* Ke-Ming Wang 23532
Fei Luo, Jinyuan Liu, Shuchan Chen Fiber optic distributed sensing scheme for monitoring structural strain and deformation 58822
Fei Pan Bang *see* Pan Bang Fei
Fei Qu *see* Bin Ma 15034
Fei Sha *see* Hockanson, D.M. 1771
Fei Wang *see* Wang Fei
Fei Wu *see* Wu Fei
Fei Xu *see* Chyan, O.M.R. 48457
Fei Zonglian Intelligent utility data network [power system automation] 50446
Fei-Chun Fang *see* Yu-Jung Huang 10088
Feicht, J.R. *see* Goebel, D.M. 54000
Feichtinge, H.G. *see* Youhong Lu 24988
Feichtinger, G. *see* Bolcskei, H. 45782
Feichtinger, H.G., Prinz, P., Kozek, W. Gabor systems with good TF-localization and applications to image processing 56768
Feichtinger, H.G. *see* Bolcksei, H. 1590
Feichtinger, H.G. *see* Bolcskei, H. 11598
Feichtinger, H.G. *see* Bolcskei, H. 45881
Feichtinger, H.G. *see* Kozek, W. 4727
Feichtinger, H.G. *see* Kozek, W. 25059
Feichtinger, H.G. *see* Scharinger, J. 35257
Feick, H., Fretwurst, E., Moll, M., Lindstrom, G. Correlation of radiation damage effects in high resistivity silicon detectors with results from deep level spectroscopy 59261
Feickert, C.A. *see* Croisant, W.J. 45204
Feidenhans'l, R. *see* Smilgies, D.-M. 32241
Feiertag, G., Ehrfeld, W., Lehr, H., Schmidt, A., Schmidt, M. Accuracy of structure transfer in deep X-ray lithography 42887
Feifei Wu *see* Wu Feifei
Feifei Zhang, Suyama, K. Reliable stability against sensor failures in passive redundancy 48430
Feifeng Li *see* Li Feifeng
Feig, E., Li, C.-S. Computing image histogram from compressed data 15788
Feig, E., Liu, L.-K. Fast hybrid motion estimation methods 15780
Feig, E., Rajagopalan, R. Experiments with new overlapped block motion estimation algorithms 15781
Feig, E. *see* Martins, F.C.M. 25387
Feige, H.J. *see* Schlichting, J. 1854
Feigels, V.I., Kopilevich, Y.I. *(editors)* CIS selected papers. Lasers remote sensing of natural waters: from theory to practice 20306
Feigelson, R.S. Epitaxial growth of lithium niobate thin films by the solid source MOCVD method 10684
Feigelson, R.S. *see* Erdei, S. 3394
Feigelson, R.S. *see* Erdei, S. 23479
Feigelson, R.S. *see* Galambos, L. 3393
Feigelson, R.S. *see* Liu, A.Y. 33741
Feigenbaum, J. *see* Beaver, D. 34570
Feigerle, C.S. *see* Tolt, Z.L. 30878
Feighery, P., Hanson, T., Lehman, T., Mondrus, A., Scott, D., Signore, T., Smith, R., Uhl, G. The Aeronautical Telecommunications Network (ATN) testbed 59868
Feigl, E. *see* Krawczynski, H. 37287
Feihong Yu *see* Bin Wang 3520
Feihu Qi *see* Qi Feihu
Feil, G. *see* Wietfeldt, R.D. 17009
Feil, J., Ippolito, L., Buehrer, M., Feldhake, G., Horan, S. The first two years of experimental results from the New Mexico ACTS propagation terminal at 20.185 and 27.505 GHz 34092
Feilchenfeld, N. *see* Chang, C.S. 41597
Feilchenfeld, N.B. *see* Au, D.T.W. 1810
Feiler, D., Williams, R.S., Talin, A.A., Yoon, H., Goorsky, M.S. Pulsed laser deposition of epitaxial AlN, GaN, and InN thin films on sapphire(0001) 30791
Feili Huang *see* Huang Feili
Feilitzsch, F. v. *see* Altmann, M. 37533
Feilu Luo *see* Guoqi Ni 59015
Feiming Li *see* Suning Tanp 55345
Fein, M.E. *see* Mannheimer, P.D. 37710
Feinberg, D.A. *see* Johnson, G. 7957
Feinberg, E.A., Sonin, I.M. Notes on equivalent stationary policies in Markov decision processes with total rewards 406
Feinberg, J. *see* Dianov, E.M. 55873
Feinberg, J. *see* Grubsky, V. 13546
Feinberg, J. *see* MacCormack, S. 3969
Feinberg, J. *see* MacCormack, S. 44510
Feineigle, P.A., Witkin, A.P., Stonick, V.L. Processing of 3D DIC microscopy images for data visualization 28140
Feiner, S. *see* MacIntyre, B. 6306
Feinerman, A.D., Lajos, R.E., White, V., Denton, D.D. X-ray lathe: An X-ray lithographic exposure tool for nonplanar objects 12847
Feinerman, A.D. *see* Crewe, D.A. 22189
Feinerman, A.D. *see* Willke, T.L. 53517
Feingold, C. Cycletime reduction [PCB manufacture] 41621
Feipei Lai *see* Jyh-Yuan Deng 56913
Feiste, K.A., Swartzlander, E.E., Jr. High-speed VLSI implementation of FIR lattice filters 1607
Feistner, H. *see* Hinrichs, H. 8072
Feitshans, G.L. *see* Martin, E.J. 18652
Fejer, M.M. Microstructural media for nonlinear optics: materials, devices and applications 4001
Fejer, M.M. *see* Arbore, M.A. 4033
Fejer, M.M. *see* Arbore, M.A. 24245
Fejer, M.M. *see* Arbore, M.A. 33677
Fejer, M.M. *see* Bortz, M.L. 4034
Fejer, M.M. *see* Chou, M.H. 44032
Fejer, M.M. *see* Galvanauskas, A. 24254
Fejer, M.M. *see* Myers, L.E. 23437
Fejes, I., Kawaguchi, N., Mihaly, S. Space VLBI geodesy: background of an experiment proposal 36302
Fejes, S., Rosenfeld, A. Migration processes 5390
Fejes, S., Rosenfeld, A. Discrete active models and applications 57414
Fejes, S. *see* Rosenfeld, A. 4994
Fekecs, A. *see* Babineau, J. 14752
Fekeshgazi, I.V. *see* Pervak, Yu.A. 13784
Fekete, D. *see* Buchinsky, O. 44542
Fekete, D. *see* Buchinsky, O. 44579
Fekete, D. *see* Gilor, J. 55616
Fekete, D. *see* Lee, J.-W. 22333
Feklisova, O.V., Yakimov, E.B., Yarykin, N.A. Effect of irradiation in SEM on electrical properties of silicon 31776
Feklistov, K.V. *see* Krymsky, A.I. 33267
Felba, J., Friedel, K.P., Wojcicki, S. The optimization of a triode electron gun with a thermionic cathode 53914
Felba, J. *see* Denbnovetsky, S.V. 41764
Felber, F.S., Mallon, C., Wild, N.C., Parry, C.M. Ultrasound sensor for remote imaging of concealed weapons 60134
Felblinger, T., Muri, R.M., Ozdoba, C., Schroth, G., Hess, C.W., Boesch, C. Recordings of eye movements for stimulus control during fMRI by means of electro-oculographic methods 7956
Felch, K. *see* Chu, T.S. 12100
Felchlin, P. INMARSAT Aero: in-flight satellite communications 16571
Felcini, M. *see* Alexeev, G. 59200
Feld, D.A., Van Duzer, T., Yuh, P., Kaplan, S.B. Josephson serial-to-parallel decoder 11302
Feld, M.S. *see* Kyungwon An 23727
Feld, S. *see* Buccafusca, O. 23995
Feld, S.A. *see* Beyette, F.R., Jr. 23711
Feld, S.A. *see* Hayes, E.M. 33345
Feld, S.A. *see* Jurrat, R. 33113
Feld, S.A. *see* Stanko, P.J. 33181
Feldberg, M.A.M. *see* van Heesewijk, H.P.M. 37643
Feldchtein, F.I. *see* Freidman, G.I. 18835
Felder, A. *see* Bok, J. 1726
Felder, A. *see* Muller, M. 54778
Felder, A. *see* Simesbichler, F. 25842
Felder, A. *see* Treitinger, L. 13114
Felder, A. *see* Treitinger, L. 22952
Felder, A. *see* Wurzer, M. 23621
Felder, M. LAN level 5 and 6 cable production, actual technology and existing machinery upgrade possibilities 16222
Felder, R. *see* Touahri, D. 14172
Felder, R.M. *see* Besterfield-Sacre, M. 20473
Felderhoff, T. A new wave description for nonlinear elements 1109
Felderhoff, T. Jacobi's method for massive parallel wave digital filter algorithm 15378
Feldfkhun, L. *see* Bigaroni, V. 26036
Feldhake, G., Russell, T. Statistical combination of attenuations by multiple atmospheric effects 34091
Feldhake, G. *see* Feil, J. 34092
Feldle, H. *see* Ludwig, M. 21937
Feldle, H.-P., Ludwig, M., Ott, H. A miniaturised X-band T/R module for SAR-systems based on active phased array techniques 27021
Feldman, A., Yin, J.Z., Saxberg, B.E.H., Chernyak, Y.B., Cohen, R.J. Vortex wave stability in homogeneous excitable media: simulations on a randomized discrete lattice 49731
Feldman, B.J. *see* Shaw, L.B. 3777
Feldman, D. *see* Scalat, S. 9570
Feldman, D.W. *see* Carlsten, B.E. 17986
Feldman, L.C. *see* Bhaumik, K. 2633
Feldman, L.C. *see* Lu, H.C. 2346
Feldman, L.C. *see* Weldon, M.K. 42300
Feldman, L.C. *see* Weldon, M.K. 54403
Feldman, M.D. *see* Wu, C.C. 49649
Feldman, M.R., Welch, W.H., Te Kolste, R.D., Morris, J.E. Diffractive optics for packaging of laser diodes and fiber-optics 3521
Feldman, R.D., Meester, J.P., Wood, T.H. Simultaneous narrowband and broadband transmission on a single fiber in a passive optical network 16443
Feldman, R.D. *see* Giles, C.R. 6725
Feldman, R.D. *see* Liou, K.-Y. 16746
Feldman, R.D. *see* Park, J.W. 32003
Feldman, R.D. *see* Wood, T.H. 26906
Feldman, R.M., Mingchih Chen Strategic and tactical analyses for optimal replacement policies 10209
Feldman, R.M. *see* Mingchih Chen 52360
Feldman, S.F., Staver, P.R., Lotshaw, W.T. Observation of spectral broadening caused by self-phase modulation in highly multimode optical fiber 33026
Feldman, Yu. Time domain dielectric spectroscopy, advantages and disadvantages 48829
Fel'dman, Yu.L., Mironov, L.M., Mashikhin, A.D., Kozachenko, V.F., Bukhshtaber, E.Ya., Podobedov, F.G., Shipaev, G.A. Automated electric drives with frequency converters for crane and ship winch mechanisms 20145
Fel'dman, Yu.I. *see* Markin, V.V. 9655
Feldmann, J. *see* Grosse, S. 42212
Feldmann, K., Gerhard, M. Suitability of thermoplastic base materials for PCB's 11897
Feldmann, K., Solvie, M. Integration of multimedia-data transmission into existing fieldbus systems 47372
Feldmann, P., Roychowdhury, J. Computation of circuit waveform envelopes using an efficient, matrix-decomposed harmonic balance algorithm 11102
Feldmann, P. *see* Freund, R.W. 11100
Feldmann, P. *see* Pardo, A. 21442
Feldmann, P. *see* Roychowdhury, J.S. 47570
Feldmann, U. *see* Reissig, G. 1092
Feldmar, J., Ayache, N., Betting, F. 3D-2D projective registration of free-form curves and surfaces 59390
Feldmeier, J.J. *see* Alecu, R. 49761
Feldmesser, H.S., Winters, M.E. The effects of vapor phase reflow on the strength of the bond between laminated heat sinks and printed wiring boards 1805
Feleppa, E.J., Fair, W.R., Liu, T., Fleshner, N., Reuter, V., Kalisz, A., Cookson, M., Rosado, A. 3-D tissue typing of prostate tissue based on spectral parameters 18353
Feleppa, E.J., Tian Liu, Kalisz, A., Shao, M.C., Fleshner, N., Reuter, V., Fair, W.R. Ultrasonic spectral-parameter imaging of the prostate 37719

Felhauer, T. Comparison of EML and DOT discriminator DLL multipath performance in GPS/GLONASS navigation receivers 36280
Feliachi, A. On load frequency control in a deregulated environment 8772
Feliachi, M. *see* Aymard, N. 44909
Feliachi, M. *see* Bendjima, B. 44883
Feliachi, M. *see* Srairi, K. 51050
Felice, R.Di *see* Di Felice, R.
Felici, G. *see* Andryakov, A. 37226
Feliciello, A. *see* Agnello, M. 37458
Felicio, D. A non-repeatered achievement 35894
Felipe, M. *see* Herzog, U. 26313
Felipe, M.I. *see* Yelmo, J.C. 16282
Feliu, V. *see* Adan, A. 57120
Felix, C.L. *see* Malin, J.I. 3891
Felix, R. *see* Berger, J. 17719
Felix, R. *see* Wust, P. 8092
Felix, V.P., Narasimman, R., Agarwal, R.C. Perceptually optimum gray-scale transformation of multibin time history data 46070
Feliziani, M., Maradei, F. An explicit-implicit solution scheme to analyze fast transients by finite elements 45068
Feliziani, M., Maradei, F. Edge element analysis of complex configurations in presence of shields 45251
Felker, J.A. *see* Harriott, L.R. 22700
Felker, J.A. *see* Harriott, L.R. 42874
Felker, S. *see* Huber, K. 42658
Felker, S. *see* Khawaja, Y. 42447
Fellay, G. Public service or private enterprise? The original way [electricity supply] 19161
Fellbaum, K. *see* Jurgens, C. 34676
Fellbaum, K. *see* Klaus, H. 56416
Fellbaum, K. *see* Suhardi 34671
Fellenberg, J. Control system VICOS P500 for traction power supply networks 9665
Fellenz, W.A., Hartmann, G. Preattentive grouping and attentive selection for early visual computation 15541
Feller, G.S., Srinivasan, B., Grubb, S.G., Booth, I.J., Jain, R.K. Compact blue upconversion fiber laser pumped by a diode-pumpable Raman fiber 33417
Feller, K.-H. *see* Gaizauskas, E. 3996
Feller, P.J. *see* DeBlieck, N.L. 60132
Feller, W.B. *see* Brunton, A.N. 37532
Fellerhoff, R. *see* Walker, B. 8339
Fellers, C.L. *see* Dudley, R.F. 39428
Fellman, R.D. *see* Kellner, A.L. 6426
Fellous, J.-M. *see* Shams, L. 57546
Fellows, D. *see* Barringer, H. 31062
Fellows, R. The effect of fuel cell operating conditions on DIR-MCFC system selection 20006
Fells, J. *see* Molony, A. 13576
Fells, J.A.J., Goodwin, M.J., Groves-Kirkby, C.J., Reid, D.C.J., Rule, J.E., Snell, M.B. Fibre optic sensing for military bridge health and load monitoring 50258
Felmlee, J.P. *see* Debbins, J.P. 7988
Felmlee, J.P. *see* Lee, C.C. 7958
Felsen, L.B. *see* Carin, L. 45109
Felsner, P. *see* Frank, K. 22142
Felsner, P. *see* Frank, K. 28948
Felsner, P. *see* Frank, K. 51407
Felt, E., Zanella, S., Guardiani, C., Sangiovanni-Vincentelli, A. Hierarchical statistical characterization of mixed-signal circuits using behavioral modeling 11104
Felten, E.W. *see* Damianakis, S.N. 35686
Felten, E.W. *see* Damianakis, S.N. 47219
Felter, T.E. *see* Bondar, V.D. 48783
Felter, T.E. *see* Chakhovskoi, A.G. 55407
Felter, T.E. *see* Talin, A.A. 12073
Felton, R.D. *see* Burge, S.E. 38187
Femenias, G., Furio, I. Dual predetection SC diversity reception of TCM-MPSK signals over Nakagami fading channels 6634
Femenias, G., Furio, I. Analysis of switched diversity TCM-MPSK systems on Nakagami fading channels 36007
Femino, S. *see* Aiello, S. 1483
Femino, S. *see* Aiello, S. 49328
Fen Baohua *see* Zhang Yufei 24238
Fen-Shi Chen *see* Chen Fen-Shi
Fender, J.S. *see* Matson, C.L. 37660
Fender, M. *see* Buchner, P. 9388
Fendick, K.W. Evolution of controls for the available bit rate service 5757
Fendorf, M.J. *see* Leppert, V.J. 32977
Fendrich, J.A. *see* Crabtree, G.W. 55087
Fenech, A. *see* Deletage, J.-Y. 30264
Fenelon, P. *see* Hebbron, B.D. 52114
Fenfang Zeng *see* Zeng Fenfang
Feng, C.-C., Chi, C.-Y. Design of Wiener filters using a cumulant-based MSE criterion 15162
Feng, C.R. *see* Chow, G.M. 54519
Feng, D. *see* Hu, W.S. 863
Feng, D. *see* Hu, W.S. 873
Feng, D. *see* Hu, W.S. 10841
Feng, D. *see* Hu, W.S. 52830
Feng, D. *see* Huang, X.D. 54360
Feng, D.H. *see* Summers, R.M. 37646
Feng, G. *see* Girin, L. 24862
Feng, G. *see* Luiten, A.N. 48500
Feng, G. *see* Raj, S. 20744
Feng, H., Li, E.H., Chan, K.T. Modal interference of X-intersecting waveguide switches at large branching angles 3404
Feng, H., Pang, J.P., Tada, K., Nakano, Y. Large field-induced refractive index change without red shift of absorption edge in five-step asymmetric coupled quantum wells with modified potential 54213
Feng, J. Reconstruction in tomography from severe incomplete projection data using multiresolution analysis and optimization 46366
Feng, J., Kwok-Tung Lo, Mehrpour, H., Karbowiak, A.E. Loss recovery techniques for transmission of MPEG video over ATM networks 5774
Feng, J., Lo, K.-T., Mehrpour, H., Karbowiak, A.E. Interleaving schemes for ATM multiplexing of MPEG video sources 15657
Feng, J.Q., Hays, D.A. Electric field detachment of a uniformly charged dielectric sphere on a dielectric coated electrode 33841
Feng, J.W. *see* Kang, S.S. 13413
Feng, L., Mao, D., Tang, J., Collins, R.T., Trefny, J.U. The structural, optical, and electrical properties of vacuum evaporated Cu-Doped ZnTe polycrystalline thin films 12249
Feng, L. *see* Borenstein, J. 58995
Feng, L. *see* Tang, J. 39104
Feng, M. *see* Fresina, M.T. 2606
Feng, M. *see* Fresina, M.T. 42961
Feng, M. *see* Sengupta, D.K. 7342
Feng, M. *see* Sengupta, D.K. 27577
Feng, M. *see* Sengupta, D.K. 27579
Feng, M. *see* Sengupta, D.K. 48666
Feng, M. *see* Sengupta, D.K. 54326
Feng, M.-S. *see* Wei-Tsu Tseng 42684
Feng, Q. *see* King, T.L. 33900
Feng, Q. *see* Tompkins, M.W. 33906
Feng, R., Castle, G.S.P., Jayaram, S. Automated system for power measurement in the silent discharge 32606
Feng, S. *see* Qing Hu 13050
Feng, W. *see* Li, G.H. 22383
Feng, W.-C. Rate-constrained bandwidth smoothing for the delivery of stored video 47351
Feng, X., Lee, S. Electromagnetic wave pulse amplification induced by the reflection from relativistic plasma fronts 45171
Feng, X., Zhu, X.X. Combining pinch and exergy analysis for process modifications 60557
Feng, X. *see* Lee, S. 59348
Feng, Y. *see* Chen, X.B. 4080
Feng, Y. *see* Coleridge, P.T. 22411
Feng, Y. *see* Fafard, S. 24021
Feng, Y. *see* Gelenbe, E. 25859
Feng, Y. *see* Noel, J.-P. 14098
Feng, Y. *see* Sachrajda, A.S. 32351
Feng, Y. *see* Taylor, R.P. 42074
Feng, Y.P. *see* Qiu, Y. 13215
Feng, Y.Z., Guo, S.P. The structure and strain relief in epitaxially grown CdSe on ZnSe by atomic layer epitaxy 687
Feng, Z. *see* DeWitt, J. 59243
Feng, Z. *see* Sadrozinski, H.F.W. 37399
Feng, Z.C. *see* Zhang, H.Y. 4042
Feng Bao-Hua *see* Bao-Hua Feng
Feng Baohua *see* Wang Xiangyang 3383
Feng Baohua *see* Zhang Yufei 33712
Feng Bihua *see* Zhang Chenjun 46399
Feng Chang-Xue *see* Chang-Xue Feng
Feng Chen, Villasenor, J.D., Dong Seek Park A low-complexity rate-distortion model for motion estimation in H.263 57285
Feng Chen *see* Min-Jen Tsai 56961
Feng Chen *see* Chen Feng
Feng Cheng Chang, Hong Bin Liu Determination of the field expression for an antenna relocated and reoriented 34183
Feng Chengche *see* Chengche Feng
Feng Chongxi *see* Fan Pingyi 16813
Feng Chongxi *see* Fan Pingyi 34848
Feng Chongxi *see* Ge Ning 47490
Feng Chongxi *see* Wang Tian 16468
Feng Chongxi *see* Chongxi Feng
Feng Chunbo *see* Zhang Ying 56541
Feng Dengguo, Xiao Guozhen Correspondence properties between bent functions and their variables 14846
Feng Enxin *see* Ju Zhenle 44014
Feng Enxin *see* Ju Zhenle 55298
Feng Erjian The theory of the equivalent harmonic winding model used in the AC machines 19670
Feng Erjian The transient analysis of the line to line grounded sudden short circuit of synchronous machines using EHWM and MVV 50925
Feng Fang *see* Fang Feng
Feng Gang *see* Hu Jianhao 6685
Feng Gang *see* Gang Feng
Feng Gao *see* Gao Feng
Feng Guan-Ping *see* Guan-Ping Feng
Feng Guanping *see* Chu Fulei 29232
Feng Guanping *see* Dai Enguang 55011
Feng Guanping *see* Fang Zenan 29207
Feng Guanping *see* Zhang Chao 17336
Feng Guo Der *see* Der Feng Guo
Feng Guodong *see* Cheng Lijun 8954
Feng Guotong *see* Zhou Qingjie 29507
Feng Haihong *see* Jiang Yongmin 58493
Feng Hua *see* Ling Tiesheng 34438
Feng Hua *see* Yi-Mo Zhang 57917
Feng Ji-Hong *see* Ji-Hong Feng
Feng Jian *see* Jian Feng
Feng Jie *see* Jie Feng
Feng Jin *see* Jin Feng
Feng Jun *see* Jun Feng
Feng Kai-Ming *see* Kai-Ming Feng
Feng Li *see* Li Feng
Feng Liang, Miller, J., Zarei, S. A control scheme to maximize output power of a synchronous alternator in a vehicle electrical power generation system 29868
Feng Lin, Zheng Hui Lin, Lin, T.W. A uniform approach to mixed-signal circuit test 53454
Feng Lin *see* Lin Feng
Feng Liu, Luh, P.B., Moser, B. Scheduling of design projects with uncertain number of iterations 39706
Feng Liu, Zhengdong Wang, Dapeng Yan, Anzhi He, Aimin Lu Analysis of gun muzzle flowfield by moire deflectometry 49004
Feng Liu *see* Da-Peng Yan 35241
Feng Liu *see* Zhengdong Wang 49005
Feng Liu *see* Liu Feng
Feng Lu, Nishi, T., Komazaki, T. A mixed lumped- and distributed-equivalent circuit for dielectric filters 53536
Feng Lu, Tetsuo Nishi A realizability condition for bandpass ladder networks composed of two kinds of LC resonant sections 53399
Feng Man *see* Man Feng
Feng Ming-Shiann *see* Ming-Shiann Feng
Feng Ning, Bruun, E. Design method for a digitally trimmable MOS transistor structure 12931
Feng Nwi *see* Wang Ping 57764
Feng Pan, Man Shing Wong, Bosshard, C., Gunter, P., Gramlich, V. Strong hydrogen bonds as a design element for developing new non-linear optical crystals: co-crystals of merocyanine dyes and phenol derivatives 24156
Feng Ping *see* Ping Feng
Feng Qian *see* Ning Gu 42845
Feng Qin *see* Liu Xiaoying 35027
Feng Shan *see* Cheng Duo 24298
Feng Shi *see* Grabiec, P.B. 43397
Feng Shiwei, Lu Changzhi, Feng Yue, Ding Guangyu The testing method and study for package thermal resistance of semiconductor device 52251
Feng Songlin *see* Lu Liwu 32005
Feng Songlin *see* Lu Liwu 32006
Feng Songlin *see* Zhou Jie 12280
Feng Tian *see* Tian Feng
Feng Tianwu, Xie Pang, Gong Fang A VHDL model of differential Manchester CODEC 58055
Feng Ting Sang *see* Sang Feng Ting
Feng Wan Yue *see* Yue Feng Wan
Feng Wang, Bo Liu, Liren Liu, Liangying Xu Double two-beam mixing in photorefractive materials 24194
Feng Wang, Liren Liu, Guoqiang Li Self-pumped forward and backward phase conjugator with Cu-doped KNSBN crystal: caused by scattering-oscillation-amplification 24102
Feng Wang, Liren Liu, Qingguo Li Readout of a real-time hologram in bacteriorhodopsin film with high diffraction efficiency and intensity 4121
Feng Wang, Yi Shi, Jianlin Liu, Yang Lu, Sulin Gu, Youdou Zheng Highly selective chemical etching of Si vs. $Si_{1-x}Ge_x$ using NH_4OH solution 54378
Feng Wang *see* Wang Feng
Feng Wei *see* Huang Zhenqi 53591
Feng Weng Da *see* Da Feng Weng
Feng Weng Hai *see* Hai Feng Weng
Feng Wenyi, Yan Rongchang, Huang Weikang C-testable vector set design for antifuse-based FPGA cell 53163
Feng Wenyi *see* Yan Rongchang 53162
Feng Wenyi *see* Wenyi Feng
Feng Wu-Shiung *see* Wu-Shiung Feng
Feng Xiao *see* Xiao Feng
Feng Xiaogang, Chen Boshi Constant slip control of induction motor at light load 29677
Feng Xiaoping, Wei Bentao, Shi Shunxiang, Zou Mouyan A new algorithm for image reconstruction from its Fourier modulus 46429
Feng Xu *see* Xu Feng
Feng Xuefei *see* Xuefei Feng
Feng Ye *see* Ye Feng
Feng Yiling *see* Liu Guizhong 4748
Feng Ying, Smith, R.W., Srolovitz, D.J. The mechanism of texture formation during film growth: the roles of preferential sputtering and shadowing 868
Feng Youming, Li Weimin, Wan Da Design and research of 8-bit Multiplier designed by maximum delay-difference stream-line processing 53153
Feng Yu Chang *see* Chang Feng Yu
Feng Yue *see* Feng Shiwei 52251
Feng Yuguan *see* Ji Yanchao 38842
Feng Yunping *see* Han Xiaolian 19888
Feng Yusheng *see* Yusheng Feng
Feng Yutao *see* Yutao Feng
Feng Yuzhu *see* Mao Leshan 29228
Feng Zhanbing *see* Zhanbing Feng
Feng Zhang *see* Zhang Feng
Feng Zhao, Hanying Zhou Nonlinear photorefractive volume holograms: spectral and spatial diffraction properties 24273
Feng Zhao, Sayano, K. Compact high-resolution holographic storage 13556
Feng Zhao *see* Sayano, K. 14465
Feng Zhao *see* Zhao Feng
Feng Zheng *see* Wanqiang Cao 54976
Feng Zhenghe, Li Wenghua, Gong Ke, Wang Jiazhang, She Jingzhao, Qian Jianzhong, Xi

Bingchueng, Yang Jianhue, Yao Baolen MM-wave high linear FMCW generator and distance measurement experiment 58461
Feng Zhenghe, Zhang Jingping, Zhao Yingjie Generalized capacitance matrix method and its applications. Design of comb-line and interdigital filter 11672
Feng Zhenghe *see* Zhenghe Feng
Feng Zhenming *see* Wang Xiaohua 50686
Feng Zhijing, Liu Jinling, Pan Shangfeng, Wang Xiankui, Yuan Zhejun Nondistortion linearization model of the nonlinearity of measurement and control system and its application 48341
Feng Zhou, Yan Zhou Characterisation of proton-exchanged Er:$LiNbO_3$ waveguides 55236
Feng Zhou *see* Zhou Feng
Feng Ziliang, Liao Yu, Jiao Zhifeng, Wang Xiu Preparation of $LiNbO_3$:Zn+Mg single crystal fibers 10672
Feng-Chang Lu, Yuan-Yih Hsu Fuzzy dynamic programming approach to reactive power/voltage control in a distribution substation 60965
Feng-Chi Yuan, Yi-Yuan Xie, Ji-Ping Chen, Guo-Wen Yang, Bin-Ji Cheng Preparation of YBCO/Ag superconducting tapes with a high current-carrying capacity by MOCVD using a single solution source from a supersonic atomizer 10840
Feng-Hsu Wang, Ferng-Ching Lin On routing maskable messages in hypercube-derived multistage interconnection networks 46611
Feng-Yih Hsu, Li-Chen Fu Adaptive fuzzy control for uninterruptible power supply with three-phase PWM inverter 40874
Feng-Zhen Guo, Chang-Tai Yu, Lei Chen, Kobayashi, T., Ying Chen Quasi-velocity-matched electrooptic phase modulator for the synthesis of ultrashort optical pulses 55307
Fengchao Xiao, Yabe, H. Numerical dispersion relation for FDTD method in general curvilinear coordinates 21215
Fengchao Xiao, Zhenghe Feng, Yabe, H. Network-boundary element method and its application 56111
Fengfang Yang, Guangguo Bi Multidimensional TCM DS/SSMA in Rayleigh fading channel 47719
Fengguang Luo *see* Luo Fengguang
Fenghai Liu *see* Liu Fenghai
Fenglei Li *see* Thong, J.T.L. 12126
Fenglin Fu *see* Fu Fenglin
Fenglin Shen *see* Shen Fenglin
Fengling, H., Yi, W., Zhuo, L. Pattern analysis of short-circuit for tree-type distribution line 50562
Fengmin Gong *see* Jou, Y.F. 5714
Fengping, Y. *see* Yi, Y. 29822
Fengshi Zheng *see* Zheng Fengshi
Fengtai Huang, Dapeng Tien A neural network approach to position sensorless control of brushless DC motors 51032
Fengtai Huang, Teng Seng Chin Implementation of an on-line simulator for sensorless permanent magnet synchronous motor drives 51751
Fengting Sang *see* Sang Fengting
Fengyao Wang *see* Wang Fengyao
Fengzhang Xue *see* Xue Fengzhang
Fengzhi Wang *see* Donghai Yang 48321
Fenic, C. *see* Dabu, R. 24155
Fenimore, C. *see* Misakian, M. 58961
Fenn, B. *see* Schreiber, V.K. 60379
Fenn, L.N. *see* Lange, A. 49560
Fenn, R. *see* Yung, W.K.C. 30197
Fenn, S.T.J., Benaissa, M., Taylor, O. Dual basis systolic multipliers for $GF(2^m)$ 41025
Fennell, M. *see* Zimbelman, D. 49866
Fennelly, M. *see* Basu, S. 17757
Fennema, A.A. *see* Asthana, P. 13562
Fennema, A.A. *see* Semba, T. 51677
Fenner, D., Nageli, P. Virtual PBX in the public network: Centrex 26424
Fenner, D.B., Carangelo, R.M., Kung, P.-J., Hamblen, D.G., Budnick, J.I. Silicon etalon arrays for IR transform spectroscopy 48518
Fenner, D.B., Pang-Jen Kung, Gores, J., Qi Li In-situ plume diagnosis during pulsed laser deposition of epitaxial-oxide thin films 10747
Fenner, D.B. *see* Galasso, F.S. 43748
Fenninger, H., Edelmann, H., Stamer, J.-H., Rupf, W. The strengthening of the electricity supply network of the city of Dresden 19145
Fennouh, A. *see* Bandet, J. 31834
Fenshi Cheng *see* Cheng Fenshi
Fenske, F., Schopke, A., Schulze, S., Selle, B. Analytical studies of nickel silicide formation through a thin Ti layer 777
Fenski, B., Lindmayer, M. Vacuum interrupters with axial field contacts–3D finite element simulations and switching experiments 29486
Fenster, A., Downey, D.B. 3-D ultrasound imaging: a review 18262
Fenster, A. *see* Adamiak, K. 36673
Fenster, A. *see* Moreau, M. 37750
Fenster, A. *see* Westmore, M.S. 28251
Fenster, A. *see* Zhenyu Guo 18235
Fenster, A. *see* Zhenyu Guo 28093
Fenton, A.A., Muller, R.U. Using digital video techniques to identify correlations between behavior and the activity of single neurons 49463
Fenton, B. Emulators test complex circuit boards 31597
Fenton, F.M., Sipes, J.D. Architectural and technological trends in access: An overview 16429
Fenton, J. *see* Atwood, J.W. 57627
Fenton, P. *see* Raquet, J. 18747
Fenton, W.H. Testability analysis utilizing a relational database 48358
Fenu, G.F. *see* Contin, A. 38678
Fenu, R. *see* Buscemi, M. 15624
Fenwick, G. Refurbishing generators puts pressure on cooling 60656
Fenwick, G.T. Generator air cooler design for a power plant refurbishment 9123
Fenzy, C. *see* Brown, P. 46790
Feo, M.de *see* de Feo, M.
Feo, T.A. *see* Chari, M.K. 10219
Feofanov, G.N. *see* Emeksuzyan, V.M. 54014
Feofanov, G.N. *see* Frantsuzov, A.A. 31122
Feoktistov, L.P. *see* Burtsev, A.V. 3771
Feoktistov, N.A. *see* Ivanova, N.L. 3487
Ferain, E. *see* Piraux, L. 43635
Feral, C. *see* Boscheron, A.C.L. 14379
Feraudy, P.de *see* de Feraudy, P.
Ferdeghini, E.M., Palomba, M.T., Benassi, A. Efficient management of nuclear medicine services for cardiology 49479
Ferdeghini, E.M. *see* Morales, M.A. 49530
Ferdinand, A. *see* Yuan, Z. 40542
Ferdinand, R. *see* Beauvais, P.-Y. 37207
Ferdinand, R. *see* Sherman, J.D. 49174
Ferdjallah, M., Barr, R.E. Enhanced period-peak analysis of electro-encephalograms using a fast sinc function 18471
Fereday, M.S. The engineer as a translator and interpreter 39964
Fereira, H.C. *see* Steyn, F. 6347
Ferek-Petric, B., Breyer, B. Some line properties of cardiac leads 37879
Ferek-Petric, B. *see* Simon, S. 37881
Ferekides, C.S., Marinskiy, D., Marinskaya, S., Tetali, B., Oman, D., Morel, D.L. CdS films prepared by the close-spaced sublimation and their influence on CdTe/CdS solar cell performance 39055
Ferekides, C.S. *see* Oman, D.M. 39109
Feretic, D. *see* Tomsic, Z. 19257
Ferguson, A., Sabisch, T., Kaye, P., Dixon, L.C., Bolouri, H. High-speed airborne particle monitoring using artificial neural networks 60088
Ferguson, B. *see* Udd, E. 17398
Ferguson, B.G. Time-frequency signal analysis of hydrophone data 17235
Ferguson, D. *see* Hye-Sook Park 58842
Ferguson, D.C. The role of space plasma simulation chambers in spacecraft design and testing 18605
Ferguson, D.C. *see* Guidice, D.A. 18699
Ferguson, D.C. *see* Vayner, B.V. 28572
Ferguson, E.J., Jiànlin Yu Maximum likelihood estimation for yield analysis [IC manufacture] 32516
Ferguson, F., Ben Chen, Mauskar, A. Power management in high-level design 53089
Ferguson, F.J. *see* Konuk, H. 22990
Ferguson, G.A. *see* Bergano, N.S. 26823
Ferguson, J. High fault coverage of in-circuit IC pin faults with a vectorless test technique using parasitic transistors 32508
Ferguson, J. *see* Engelmann, R. 44226
Ferguson, J. *see* Pope, P. 50226
Ferguson, J.A., Walt, D.R. Optical fibers make sense of chemicals 58771
Ferguson, J.R., Fiard, J.M., Herbin, R. Three-dimensional numerical simulation for various geometries of solid oxide fuel cells 9531
Ferguson, L. Image processing using reconfigurable FPGAs 48402
Ferguson, L. *see* Fraas, L. 38991
Ferguson, M.I., Harlow, L., Loch, P., Qi, M., Rutherfoord, J., Savine, A., Shaver, L., Shupe, M., Steinberg, J., Zeitnitz, C., Rahm, D. Electron testbeam results for the ATLAS liquid argon forward calorimeter prototype 37283
Ferguson, M.J. Formalization and validation of the radio link protocol (RLP1) 47546
Ferguson, P. *see* Carlsten, B.E. 53984
Ferguson, P., Jr. *see* Yoshizawa, H. 1568
Ferguson, P.D. *see* Russell, G.J. 18062
Ferguson, R.A. *see* Brunner, T.A. 2509
Ferguson, R.S. *see* Walton, A.J. 54774
Ferguson, S. *see* Alhumaidi, S.M. 8433
Ferguson, S. *see* Thayne, I. 53649
Ferguson, T. *see* Brock, I.C. 37039
Ferguson, T.R. Radial birefringence in optical resonators 14222
Ferguson, W.J. *see* Dhirani, H. 60684
Ferhat, M., Liautard, B., Brun, G., Tedenac, J.C., Nouaoura, M., Lassabatere, L. Comparative studies between the growth characteristics of Bi_2Te_3 thin films deposited on SiO_2, Si(100) and Si(111) 10782
Ferhat, M., Nouaoura, M., Brun, G., Liautard, B., Lassabatere, L., Tedenac, J.C. RHEED and AES investigations of Bi_2Te_3 thin films prepared by HWE technique 21247
Ferhat, M., Nousoura, M., Brun, G., Liautard, B., Boyer, A., Lassabatere, L., Tedenac, J.C. Elaboration of V_2VI_3 semiconductors thin films application to Bi_2Te_3 10698
Ferid, T. *see* Yasuda, K. 10767
Ferkinhoff, D., Hammel, S., Gong, K. An efficient genetic algorithm for contact tracking 16982
Ferkolj, S. *see* Fiser, R. 9216
Ferland, J.A. *see* Fleurent, C. 21091
Ferlazzo-Manin, L. *see* Perez, F. 12390
Ferlet-Cavrois, V. *see* Brisset, C. 22845
Ferlin, G. *see* Benda, V. 49014
Ferlin, G. *see* Danielsson, H. 49080
Ferlini, A. *see* Montagna, P. 28313
Ferloni, M. *see* Barbagallo, S. 31275
Ferman, A.M., Gunsel, B., Tekalp, A.M. Object-based indexing of MPEG-4 compressed video 57356
Ferman, A.M. *see* Gunsel, B. 25465
Fermann, M.E., Harter, D., Minelly, J.D., Vienne, G.G. Cladding-pumped passively mode-locked femtosecond fiber lasers 33403
Fermann, M.E. *see* Arbore, M.A. 24245
Fermann, M.E. *see* Galvanauskas, A. 24254
Fermann, M.E. *see* Hofer, M. 33412
Fermann, M.E. *see* Sucha, G. 55536
Fermigier, B., Houssin, M., Plumelle, F., Desaintfuscien, M. Stabilization of a 729 nm laser diode for a Ca^+ optical frequency standard 27262
Fermigier, B., Houssin, M., Plumelle, F., Desaintfuscien, M. Stabilized laser diode at 729 nm for a Ca^+ optical frequency standard 27280
Fermigier, B., Houssin, M., Plumelle, F., Desaintfuscien, M. Stabilized laser diode at 729 nm for a Ca^+ optical frequency standard 48325
Fermin, I., Imiya, A., Ichikawa, A. Randomized method for planar motion detection 5006
Fermin, I., Imiya, A., Ichikawa, A. Two probabilistic algorithms for planar motion detection 46466
Fermuller, C., Aloimonos, Y. On the geometry of visual correspondence 46446
Fernandes, C. *see* Lemaire, D. 14718
Fernandes, C.R.C., Leite, N.J. Segmentation of nautical chart components using mathematical morphology 57492
Fernandes, E., Valdiviezo, L.E. Total cost management of interdependent projects 52140
Fernandes, E.S.T. *see* Wolfe, A. 35109
Fernandes, H.C.C. Attenuation and propagation in various finline structures 14679
Fernandes, H.C.C. A direct method (TTL) applied to general planar devices and structures of millimeter waves 41403
Fernandes, H.C.C., de Souza Queiroz Junior, I. Double semiconductor substrate in overlay shielded superconducting microstrip lines 14678
Fernandes, J. *see* Silva, A. 7187
Fernandes, L. *see* Azeredo Leme, C. 53430
Fernandes, L. *see* Fortunato, E. 17484
Fernandes, M. *see* Fiordalice, R. 2434
Fernandes, M.O. *see* Khrushchev, I.Yu. 23806
Fernandes, P. *see* Caorsi, S. 14515
Fernandez, A., Moore, A.J., Perez-Lopez, C., Doval, A.F., Blanco-Garcia, J. Study of transient deformations with pulsed TV holography: application to crack detection 55943
Fernandez, A. *see* Andrews, M. 5871
Fernandez, A. *see* Calixto, E. 40504
Fernandez, A. *see* Dorrio, B.V. 17766
Fernandez, A. *see* Recio, M. 58623
Fernandez, B.R. *see* Dagli, C.H. *(editor)* 9788
Fernandez, D.M., Paduan, J.D. Simultaneous CODAR and OSCR measurements of ocean surface currents in Monterey Bay 8495
Fernandez, E. *see* Belmonte, A. 6803
Fernandez, E.A. *see* Presedo, J. 49626
Fernandez, F., Bouassoule, T., Domingo, C., Luguera, E., Baixeras, C. Response of a CR-39 fast neutron dosemeter with a polyethylene converter improved with Makrofol 8192
Fernandez, F. *see* Quintana, B. 18105
Fernandez, F.A. *see* Di Pasquale, F. 3479
Fernandez, F.J. *see* Anguita, M. 31445
Fernandez, F.J.L. *see* Gomez Vela, D. 1204
Fernandez, F.J.Lucus *see* Lucus Fernandez, F.J.
Fernandez, F.V., Rodriguez-Vazquez, A. Symbolic analysis tools–the state of the art 11058
Fernandez, F.V. *see* Wambacq, P. 11060
Fernandez, G., Periaswamy, S., Sweldens, W. LIFTPACK: a software package for wavelet transforms using lifting 25689
Fernandez, G., Wittenbrink, C.M. Coding of spectrally homogeneous regions in multispectral image compression 57465
Fernandez, G. *see* Adam, A. 37280
Fernandez, H. LAOF tracks down cable faults in Argentina 50660
Fernandez, H., Gimenez, M.I., Guzman, V.M. Design of a Power Electronics Learning System (PELS) 53029
Fernandez, J. *see* Azkargorta, J. 33464
Fernandez, J. *see* Brezeanu, G. 42937
Fernandez, J. *see* Flores, D. 12913
Fernandez, J. *see* Flores, D. 42974
Fernandez, J. *see* Flores, D. 42978
Fernandez, J. *see* Godignon, P. 22805
Fernandez, J. *see* Krawczynski, H. 37287
Fernandez, J. *see* Morvan, E. 42417
Fernandez, J.J., Farry, K.A., Cheatham, J.B. Waveform recognition using genetic programming: the myoelectric signal recognition problem 56481
Fernandez, J.L. *see* Dorrio, B.V. 17766
Fernandez, J.M., Hart, L., Zhang, X.M., Xie, M.H., Zhang, J., Joyce, B.A. Epitaxial growth mode and silicon/silicon-germanium heterointerfaces 763
Fernandez, J.M. *see* Griffin, N. 42087
Fernandez, J.M. *see* Paul, D.J. 22293

Fernandez, J.M. *see* Paul, D.J. 43110
Fernandez, J.M. *see* Ryan, J.M. 42053
Fernandez, J.M. *see* Thornton, T.J. 42137
Fernandez, J.M. *see* Xie, M.-H. 10742
Fernandez, J.M.Alonso *see* Alonso Fernandez, J.M.
Fernandez, J.R., Mutka, M.W. A burst-oriented traffic control framework for ATM networks 46632
Fernandez, J.R. *see* Duan, G.-H. 5793
Fernandez, M. *see* Bonal, J. 30168
Fernandez, M. *see* Bonal, J. 43191
Fernandez, M. *see* Mecha, H. 53096
Fernandez, M. *see* Mendias, J.M. 52974
Fernandez, M. *see* Moreno, R. 31054
Fernandez, N. *see* Midon, M. 6171
Fernandez, O. *see* Guido, P.N. 29005
Fernandez, P. Probabilistic fire analysis capabilities, applications and weak points 19517
Fernandez, P. *see* Basille, J.-L. 56612
Fernandez, P. *see* Castaldini, A. 31826
Fernandez, R. *see* Wohlgemuth, J.H. 39157
Fernandez, S.F., Garcia, J.R., Diaz, S.L.P., Crespo, R.D. Fabrication parameters of Ti:$LiNbO_3$ monomode optical waveguides from mode size 3422
Fernandez, Th. *see* Pissaloux, E.E. 35006
Fernandez, X., Ferre-Borrull, J., Martin-Badosa, E., Bosch, S., Vallmitjana, S. Statistical test for the recognition of binary templates in grey-scale images 46039
Fernandez Merono, J.M., Roca Dorda, J., Alcazar Bermudez, F.J., Mayol Diaz, R. An RS-232C radio interface for PCs and peripherals 47148
Fernandez-Gomez, S., Rodriguez-Andina, J.J., Soto, E., Farina, J. A methodology for the education of digital CMOS integrated circuits design 11243
Fernandez-Gubieda, M.L. *see* Gorria, P. 3080
Fernandez-Marron, J.L. *see* Garcia-Belmonte, G. 37559
Fernandez-Valverde, S.M. *see* Ordonez-Regil, E. 825
Fernando, C. *see* Lake, R. 2737
Fernando, C.L. *see* Klimeck, G. 54579
Fernando, G. *see* Doyle, C. 7387
Fernando, G.F. *see* Hayes, S. 17453
Fernando, G.F. *see* Liu, T. 17456
Fernando, I. *see* McLaren, P.G. 19387
Fernando, I. *see* McLaren, P.G. 19389
Fernando, M.A.R.M., Gubanski, S.M. Leakage current patterns on artificially polluted composite insulators 38403
Fernengel, W., Lehnert, A., Katter, M., Rodewald, W., Wall, B. Examination of the degree of alignment in sintered Nd-Fe-B magnets by measurements of the remanent polarizations 3102
Fernengel, W. *see* Velicescu, M. 3115
Ferney, A. *see* Amer-Yahia, C. 454
Ferney, M. *see* Amer-Yahia, C. 59568
Ferney, M. *see* Decreuze, C. 52138
Ferng Yi-Ming *see* Ma Yin-Peng 58987
Ferng Yuh-Ming *see* Yuh-Ming Ferng
Ferng-Ching Lin *see* Feng-Hsu Wang 46611
Fernicola, V.C., Galleano, R. Accuracy and calibration considerations for fiber optic temperature sensors 36637
Fernier, B., Le Gouezigou, L., Matabon, M., Pagnod, P., Ripoche, G., Vendrome, G., Laube, G. 1.3 μm SLMQW DFB lasers for −40 to +85°C operation 16822
Fernier, B. *see* Mayer, H.P. 16821
Fernmann, M.E. *see* Galvanauskas, A. 33406
Fernow, R. *see* Palmer, R.B. 17966
Fernow, R.C. Comparison of the Wang and Wachsmuth models for π production with measurements at 12 GeV/c 7770
Fernow, R.C., Gallardo, J., Lee, Y.Y., Neuffer, L.D., Palmer, R.B., Torun, Y., Winn, D.R. Targets and magnetic elements for pion collection in muon collider drivers 7737
Fernow, R.C., Gallardo, J.C. Validity of the differential equations for ionization cooling 7740
Fernow, R.C., Gallardo, J.C., Kirk, H.G., Kycia, T., Lee, Y.Y., Littenberg, L., Palmer, R.B., Polychronakos, V., Strumer, I., Neuffer, D.V., Winn, D.R., Thun, R., Ball, R., Marx, M., Torun, Y., Zeller, M. Possible demonstration of ionization cooling using absorbers in a solenoidal field 17931
Fernow, R.C., Gallardo, J.C., Palmer, R.B., Winn, D.R., Neuffer, D.V. A possible ionization cooling experiment at the AGS 7739
Fernow, R.C. *see* Palmer, R.B. 7736
Fernow, R.C. *see* Palmer, R.B. 17924
Fernsler, R. *see* Michelmann, K. 14252
Fernsler, R.F., Rowland, H.L. Models of lightning-produced sprites and elves 44911
Fernsler, R.F. *see* Meger, R.A. 4274
Fernsler, R.F. *see* Myers, M.C. 48122
Feroldi, P. *see* Olmi, R. 37831
Feron, R. *see* Scherbakov, A. 48110
Feroz, K.T., Oyadiji, S.O. Use of PZT sensors for wave propagation studies 7303
Ferra, H.L. *see* Cambell, P.K. 26851
Ferrah, A., Bradley, K.J., Hogben, P.J., Woolfson, M.S., Asher, G.M. A transputer-based speed identifier for induction motor drives using real-time adaptive filtering 29719
Ferrand, B. *see* Shepherd, D.P. 33453
Ferrandi, F. *see* Bevacqua, R. 1057
Ferrandi, F. *see* Bombana, M. 41224
Ferrandiz, J.M. *see* Martin, P. 40159
Ferrando, A.T. *see* Arnau, S.C. 7166
Ferrando, M. *see* Esteban, H. 33922
Ferrando, M. *see* Lopez, J.M. 24465
Ferrando, M. *see* Sanchez-Hernandez, D. 14764
Ferrante, A. *see* Robert, A. 8733
Ferrante, G. *see* Akimov, D.A. 14346
Ferrante, G. *see* Birulin, A.V. 14394
Ferrante, G. *see* Platonenko, V.T. 14395
Ferrante, I. *see* Luiten, A.N. 48500
Ferranto, J.G. PCS 1900 interference simulation for personal communications services testing, evaluation, and modeling 47645
Ferrar, W.T. *see* Weiss, D.S. 33834
Ferrara, E. *see* Basso, V. 3086
Ferrara, E. *see* Crottier-Combe, S. 38782
Ferrara, K.W., Zagar, B., Plantec, M., Sokil-Melgar, J. High resolution 3D color flow mapping of breast vasculature 28134
Ferrara, K.W., Zagar, B., Silverman, R., Aggarwal, K., Dayton, P., Sokil-Melgar, J., Aslanidis, Y. 50 MHz color flow mapping 28186
Ferrara, M.C. *see* Cucurachi, S. 3541
Ferrara, V. *see* De Ley, E. 43583
Ferrara, V.La *see* La Ferrara, V.
Ferrare, R.A. *see* Han, Y. 8441
Ferraresso, A., Galileo, M. SF_6 gas doubles as actuating fluid 29497
Ferrari, A., Maiello, G., La Monica, S., De Cesare, G., Dinescu, G., Dinescu, M., Aldea, E., Chitica, N., Morjan, I., Gartner, M., Masini, G. Laser and nitrogen plasma beam induced modifications in amorphous silicon thin films 42504
Ferrari, A., Theys, C., Alengrin, G. Polynomial-phase signal analysis using stationary moments 25008
Ferrari, A. *see* Cervelli, F. 37455
Ferrari, A. *see* De Cesare, G. 832
Ferrari, A.B. *see* Skaf, A. 11628
Ferrari, C. *see* Zeng, W. 22319
Ferrari, D. Distributed admission control algorithms for real-time communication 26257
Ferrari, D. Multimedia network protocols: where are we? 26332
Ferrari, D. *see* Liebeherr, J. 25869
Ferrari, F., Frowein, H., Nielsen, J., Questa, P., Sandini, G., Woelder, W. Image based interactive device for effective communication 6006
Ferrari, F. *see* Sandini, G. 26072
Ferrari, L., Larsson, R. Use case driven integration of TMN interface specification and application design 46937
Ferrari, L. *see* Larsson, R. 35626
Ferrari, L.A., Sankar, P.V. Efficient spline interpolation 580
Ferrari, L.A. *see* Harashima, M. 4810
Ferrari, L.A. *see* Harashima, M. 52544
Ferrari, P., Duvillaret, L., Angenieux, G. Enhanced Nicolson's method for Fourier transform of step-like waveforms 664
Ferrari, R.J. *see* de Azevedo Marques, P.M. 37705
Ferrari, R.J. *see* Marques, M.A. 37707
Ferrari, R.L. *see* Freni, A. 33929
Ferrari, V., Marioli, D., Taroni, A. Thick-film resonant piezo-layers as new gravimetric sensors 36462
Ferrari, V., Marioli, D., Taroni, A., Ranucci, E., Ferruti, P. Resonant piezo-layers in thick film technology applied to gravimetric chemical sensing 58729
Ferrari, V. *see* Crescini, D. 58730
Ferrario, M. *see* Castellano, M. 37018
Ferrario, M. *see* Minestrini, M. 37114
Ferraris, J.P. *see* Campbell, I.H. 22443
Ferraris, J.P. *see* Novikova, T.S. 44219
Ferraris, P. *see* Boglietti, A. 9318
Ferraris, P. *see* Boglietti, A. 23288
Ferraro, A.J. *see* Werner, D.H. 34189
Ferraro, P. *see* de Angelis, M. 17825
Ferraro, P. *see* De Nicola, S. 7660
Ferraro, V. *see* Crescini, D. 36464
Ferrazza, F. Growth and post growth processes of multicrystalline silicon for photovoltaic use 10670
Ferrazza, F. *see* Cuevas, A. 41816
Ferrazza, F. *see* Wenham, S.R. 39088
Ferrazzoli, P., Paloscia, S., Pampaloni, P., Schiavon, G., Sigismondi, S., Solimini, D. The potential of multifrequency polarimetric SAR in assessing agricultural and arboreous biomass 28673
Ferre-Borrull, J. *see* Fernandez, X. 46039
Ferre-Borrull, J. *see* Gutmann, B. 45718
Ferre-Borrull, J. *see* Wolf, T. 15753
Ferre-Pikal, E.S., Walls, F.L., Garcia Nava, J.F. Relationship between amplitude and resonant frequency in quartz crystal resonators 23267
Ferre-Pikal, E.S., Walls, F.L., Nelson, C.W. Guidelines for designing BJT amplifiers with low 1/f AM and PM noise 53039
Ferre-Pikal, E.S., Walls, F.L., Vig, J.R., Garcia Nava, J.F. Experimental studies on flicker noise in quartz crystal resonators as a function of electrode volume, drive current, type of quartz, and fabrication process 13374
Ferre-Pikal, E.S. *see* Besson, R.J. 13373
Ferre-Pikal, E.S. *see* Walls, F.L. 48806
Ferre-Pikal, E.S. *see* Walls, F.L. 53038
Ferreira, A., Cusin, P., Minotti, P., Le Moal, P. Traveling wave ultrasonic motors. III. Validity limits of 2-D models and current prospects 3025
Ferreira, A., Le Moal, P., Minotti, P. A laser-vibrometer measuring system applied to the analysis of ultrasonics motors 32776
Ferreira, A., Minotti, P. Control of a multi-degree-of-freedom standing wave ultrasonic motor driven precise positioning system [for STM] 48502
Ferreira, A., Sicard, E., Noullet, J.L., Caignet, F., Delmas, S. JISI–an educational project for microelectronics [CMOS] 9906
Ferreira, A. *see* Berthome, P. 33174
Ferreira, A. *see* Bourdin, H. 13758
Ferreira, A. *see* Le Moal, P. 3024
Ferreira, A. *see* Minotti, P. 3023
Ferreira, A.M. *see* Bender, D.K. 53885
Ferreira, C., Richter, E. About channel independence for multi channel switched reluctance generating systems 29286
Ferreira, C. *see* Garcia, J. 15841
Ferreira, C. *see* Maestre, R.A. 15842
Ferreira, C. *see* Mendlovic, D. 15583
Ferreira, C. *see* Shabtay, G. 46181
Ferreira, E. *see* Coates, D. 60998
Ferreira, G.F.L. *see* Giacometti, J.A. 2882
Ferreira, G.L. *see* Altafim, R.A.C. 54971
Ferreira, I.M., Barbosa, F.P.M. A dynamic state estimation algorithm and bad data processing 19091
Ferreira, I.M., Maciel Barbosa, F.P. A dynamic state estimation algorithm with information debugging [power systems] 8739
Ferreira, J. *see* Celeiro, F. 40974
Ferreira, J.A. *see* de Rooij, M.A. 38843
Ferreira, J.A. *see* Janse van Rensburg, P.A. 38846
Ferreira, J.A. *see* Odendaal, W.G. 38773
Ferreira, J.L. *see* Kostov, K.G. 1936
Ferreira, J.N., Hansen, A., Klobucar, T., Kossakowski, K.-P., Medina, M., Rajnovic, D., Schjelderup, O. CERTs in Europe [computer emergency response teams] 6253
Ferreira, L.A., Lobo Ribeiro, A.B., Santos, J.L., Farahi, F. Simultaneous measurement of displacement and temperature using a low finesse cavity and a fiber Bragg grating 7368
Ferreira, L.A., Santos, J.L., Farahi, F. Pseudoheterodyne demodulation technique for fiber Bragg grating sensors using two matched gratings 48608
Ferreira, L.A. *see* Ribeiro, A.B.L. 36635
Ferreira, L.R.M. *see* Lyra, C. 29148
Ferreira, M.F.S. Solitary pulses in a system with two-photon absorption and nonlinear gain 44730
Ferreira, M.F.S., Facao, M.M.V. Subpicosecond-femtosecond optical soliton transmission characteristics in an ultralong active fiber 24084
Ferreira, P.J.S.G. The existence and uniqueness of the minimum norm solution to certain linear and nonlinear problems 24924
Ferreira, P.J.S.G. Approximation by nonuniform sampling series and multiresolution analysis 45902
Ferreira, P.J.S.G. *see* Vieira, J.M.N. 45905
Ferreira, S.O. *see* Gutowski, J. 23917
Ferreira, W.C., Clarke, W.A., Helberg, A.S.J., Abdel-Ghaffar, K.A.S., Vinck, A.J.H. Insertion/deletion correction with spectral nulls 34605
Ferreira da Silva, A. *see* Nubile, P. 29635
Ferreira de Jesus, J.M. *see* Castro, R.M.G. 19078
Ferreiro, M.J.S. *see* Fontan, F.P. 47589
Ferrell, D. *see* Hu, A. 27630
Ferrell, W.R. *see* Suvrajeet Sen 20546
Ferrer, C. *see* Olbrich, T. 41348
Ferrer, J.C., Cornet, A., Peiro, F., Morante, J.R., Utzmeier, T., Briones, F. Effect of the introduction of a MBE buffer layer on the morphology of InSb ALMBE layers grown on InP substrates 728
Ferrer, J.C., Pedroviejo, J.J., Garrido, B., Morante, J.R., Calderer, J. Microstructure influence on the first stage of the oxidation process in polycrystalline SiGe layers 12317
Ferrer, J.C., Peiro, F., Cornet, A., Morante, J.R., Uztmeier, T., Armelles, G., Briones, F. Self-assembled quantum dots of InSb grown on InP by atomic layer molecular beam epitaxy: morphology and strain relaxation 10752
Ferrer, J.Domingo i *see* Domingo i Ferrer, J.
Ferrer, S. *see* Etgens, V.H. 12756
Ferrera, J., Schattenburg, M.L., Smith, H.I. Analysis of distortion in interferometric lithography 22726
Ferrera, J. *see* Goodberlet, J. 42873
Ferrere, S. *see* Bechinger, C. 13696
Ferreres, A., Maset, E., Ejea, J.B., Dede, E.J. A universal battery charger 9322
Ferreres Sabater, A. *see* Ejea Marti, J.B. 9321
Ferrero, A., Menchetti, A., Sasdelli, R. Measurement of the electric power quality and related problems 38449
Ferrero, A. *see* Cristaldi, L. 28754
Ferrero, C., Marinari, C. Strain measurement at cryogenic temperature: international Round Robin results 58727
Ferrero, F. *see* Cosi, P. 4608
Ferrero, F. *see* Perardi, F. 47127
Ferrero, F.J. *see* Gonzalez, M. 51482
Ferrero, G.C. *see* Pagani, M. 41833
Ferrero, R.W., Rivera, J.F., Shahidehpour, S.M. Effect of deregulation on hydrothermal systems with transmission constraints 60281
Ferrero, U., De Bortoli, M., Passeri, P., Augusto, S., Parente, F. Evolution of the access network for broadband services in Italy 6366

Ferrero, U., Vangelista, L., Myhre, D., Ims, L.A., Olsen, B.T., Lahteenoja, M., Mononen, J. Roll out strategies and upgrade access alternatives for the mixed residential and business market: a techno-economic evaluation 26394
Ferrero, U. *see* Ims, L.A. 26380
Ferrero, U. *see* Passeri, P. 47429
Ferrero, U. *see* Warzanskyj, W. 26388
Ferrero Martin, F.J. *see* Alonso Fernandez, J.M. 1434
Ferretti, M. *see* Carmagnola, V. 6293
Ferretti, R. *see* Ahrens, C. 42642
Ferretti, R. *see* Fremont, H. 53844
Ferreyra, R. *see* Di Mauro, G. 19315
Ferri, D. *see* Pavese, F. 48298
Ferri, D. *see* Pavese, F. 55152
Ferri, F., Bassini, A., Paganini, E. Commercial spectrophotometer for particle sizing 36909
Ferri, G., Faccio, M., Stochino, G., D'Amico, A., Vilmercati, P. A low voltage band-gap reference circuit for sensor applications 58733
Ferri, G., Lahr, J. A ladder structure as an electrical model for determining resonant transmission line characteristics 45278
Ferri, G. *see* Di Natale, C. 58885
Ferri, L. *see* Coghe, A. 27391
Ferri, M. *see* Galati, G. 16835
Ferri, W. *see* Zuikov, V. 4009
Ferrie, F.P. *see* Ayoung-Chee, N. 5129
Ferrie, F.P. *see* Benoit, S.M. 5310
Ferrie, F.P. *see* Callari, F.G. 5321
Ferrie, F.P. *see* Soucy, G. 35166
Ferrie, F.P. *see* Whaite, P. 46307
Ferrier, V. *see* Ulmer, L. 40649
Ferriere, R. *see* Porte, H. 13623
Ferriere, R. *see* Voinot, V. 14297
Ferrieres, X. *see* Bonnet, P. 24455
Ferrieres, X. *see* Bonnet, P. 34033
Ferrieux, J.-P., Pera-Marion, M.-C., Rognon, J.-P., Nuns, J. Power control of two induction loads supplied by a single generator: two solutions 51857
Ferrieux, J.P. *see* Andrieu, C. 51227
Ferrigno, G.C. *see* Borghese, N.A. 49567
Ferrin, F.J. Headgear system development for the dismounted soldier 18633
Ferriol, M. *see* Foulon, G. 14359
Ferriol, M. *see* Foulon, G. 33032
Ferris, D. *see* Adel Slamani, M. 36699
Ferris, D. *see* Currie, N. 56648
Ferris, D. *see* Slamani, M.A. 56649
Ferris, D.D., Jr. *see* Currie, N.C. 18978
Ferris, J. IB3CL-MEP: The better FR-4 [PCB materials] 11968
Ferris, R. *see* Taylor, M.J. 19319
Ferrito, S.J. An analytical approach toward monitoring degradation in engineering thermoplastic materials used for electrical applications 40685
Ferro, A. *see* Argenti, F. 47874
Ferro, A.Del *see* Del Ferro, A.
Ferro, C. *see* Di Cocco, G. 59368
Ferro, E. *see* Celandroni, N. 6680
Ferro, M.Vilares *see* Vilares Ferro, M.
Ferro, P. *see* Haelterman, M. 24253
Ferro-Luzzi, M. *see* Zhou, Z.-L. 7793
Ferroni, F. *see* Arisaka, K. 37239
Ferroni, F. *see* Arisaka, K. 37460
Ferroni, M., Depero, L.E., Guidi, V., Martinelli, G., Nelli, P., Perego, C., Sangaletti, L., Sbervegieri, O. Preparation of nanosized TiO_2 thin films [and gas sensing application] 52829
Ferroni, M., Guidi, V., Martinelli, G., Sherveglieri, G. Microstructural characterization of a titanium-tungsten oxide gas sensor 58877
Ferroni, M. *see* Depero, L.E. 30906
Ferroni, M. *see* Yang, B. 58897
Ferruti, P. *see* Ferrari, V. 58729
Ferry, A. *see* Doeff, M.M. 51453
Ferry, D.K., Khoury, M., Pivin, D.P., Jr., Connolly, K.M., Whidden, T.K., Kozicki, M.N., Allee, D.R. Nanolithography 2557
Ferry, D.K. *see* Akis, R. 2205
Ferry, D.K. *see* Allgair, J. 54386
Ferry, D.K. *see* Bird, J.P. 12467
Ferry, D.K. *see* Grincwajg, A. 12458
Ferry, D.K. *see* Grincwajg, A. 54192
Ferry, D.K. *see* Grubin, H.L. 31988
Ferry, D.K. *see* Kozicki, M.N. 12842
Ferry, D.K. *see* Ochiai, Y. 12468
Ferry, D.K. *see* Pivin, D.P., Jr. 12457
Ferry, D.K. *see* Sasaki, N. 42237
Ferry, D.K. *see* Thanikasalam, P. 54397
Ferry, D.K. *see* Tsen, K.T. 12342
Ferry, D.K. *see* Vasileska, D. 12970
Ferry, D.K. *see* Vasileska, D. 43041
Ferry, D.K. *see* Vasileska, D. 43042
Ferry, D.K. *see* Vasileska, D. 54284
Ferry, D.K. *see* Whidden, T.K. 54388
Ferry, D.K. *see* Yazdani, M. 41249
Ferry, J.A., Loger, R.L., Norton, G.A., Raatz, J.E. Multiple gas feed cathode negative ion source for gas sample AMS 49294
Ferry, P. *see* Douillard, C. 9890
Ferry, W.G. *see* Bremser, M.D. 21270
Ferson, S., Ginzburg, L.R. Different methods are needed to propagate ignorance and variability [in risk analysis] 39677
Fert, A., Lee, S.-F. Spin injection: theory and application to Johnson's spin switch 43659
Fert, A. *see* Piraux, L. 43635
Fert, A.R. *see* Postava, K. 32801
Fertitta, K.G. *see* Dupuis, R.D. 21280
Feruz Ganikhanov *see* Ci-Ling Pan 3575
Feschenko, A.V., Liiou, A.V., Ostroumov, P.N., Dubois, O., Haseroth, H., Hill, C., Kugler, H., Lombardi, A., Naito, F., Tanke, E., Vretenar, M. Study of beam parameters of the CERN proton linac using a three dimensional, bunch shape monitor 37134
Feschenko, A.V. *see* Esin, S.K. 37133
Feschotte, D. *see* Decreuze, C. 52138
Fesenko, S.V., Spiridonov, S.I., Sanzharova, N.I., Alexakhin, R.M. Dynamics of ^{137}Cs bioavailability in a soil-plant system in areas of the Chernobyl nuclear power plant accident zone with a different physico-chemical composition of radioactive fallout 8519
Feser, K. *see* Kurrer, R. 19918
Feser, K. *see* Leibfried, T. 9308
Feser, K. *see* Schlemper, H.-D. 19919
Feser, K. *see* Schlemper, H.-D. 38923
Feser, K. *see* Ziomek, W. 19917
Fesler, R. *see* Zaidi, M. 37818
Fesquet, J. *see* Dusseau, L. 42981
Fess, K. *see* Kloc, Ch. 30711
Fessenden, T.J., Barnard, J.J., Cable, M.D., Deadrick, F.J., Nelson, M.B., Sangster, T.C., Eylon, S., Hopkins, H.S. Intense heavy ion beam transport with electric and magnetic quadrupoles 59135
Fessenden, T.J. *see* Barnard, J.J. 59104
Fessenden, T.J. *see* Friedman, A. 59103
Fessler, H. *see* Bieser, F. 59307
Fessler, J.A., Ficaro, E.P., Clinthorne, N.H., Lange, K. Grouped-coordinate ascent algorithms for penalized-likelihood transmission image reconstruction 49544
Fessler, J.A. *see* Hero, A.O. 45759
Fessler, J.A. *see* Ollinger, J.M. 28176
Fessler, J.A. *see* Titus, S.R. 59523
Festa, M. Detailed description of the improved MAVT MPEG-4 audio candidate 4843
Festen, M.J.J. *see* Dijk, W.A. 49838
Festig, S. *see* Paiss, I. 4028
Festila, L., Neag, M., Fazakas, A., Stanescu, C. A MONOCIP integrated BT implementation of a current feedback Op Amp 40935
Festila, L. *see* Neag, M. 40934
Festinesi, A. *see* Baccaro, S. 37459
Festini, M. *see* Eckert, K.-P. 57995
Festor, O. *see* Eberhardt, R. 35607
Fetner, R.H. *see* Richmond, R. 8673
Fetrow, M.P. *see* Ulibarri, L.J. 27085
Fetsch, T. *see* Reinhardt, L. 49705
Fetsch, T. *see* Sierra, G. 59730
Fetsch, T. *see* Vosschulte, P. 49706
Fette, M., Voss, J. Generalized model of exciters for large synchronous generators 38714
Fetter, L. *see* Harriott, L.R. 22700
Fetter, L. *see* Harriott, L.R. 42874
Fetter, L. *see* Watson, G.P. 32288
Fetter, L.A. *see* Nguyen, K.B. 32401
Fetter, P., Kaltenmeier, A., Kuhn, T., Regel-Brietzmann, P. Improved modeling of OOV words in spontaneous speech 15052
Fetter, P. *see* Berton, A. 34666
Fetter, P. *see* Kuhn, T. 15000
Fetterman, H.R., Chang, Y., Tsap, B., Levi, A.F.J., Cohen, D.A., Newberg, I.L. Optically-controlled serially-fed phased array transmitter 45460
Fetterman, H.R. *see* Chang, Y. 34393
Fetterman, H.R. *see* Cohen, D.A. 16700
Fetterman, H.R. *see* Cohen, D.A. 56215
Fetterman, H.R. *see* Datong Chen 55306
Fetterman, H.R. *see* Shi, Y. 47949
Fetterman, H.R. *see* Tsap, B. 11713
Fetterman, H.S. *see* Nagaraj, K. 41267
Fetthauer, F., Bryngdahl, O. Image-dependent quantization by iterative wavelet algorithms 25257
Fetthauer, F., Stroot, C., Bryngdahl, O. On the quantization of holograms with the iterative Fourier transform algorithm 44770
Fetthauer, F. *see* Stroot, C. 25552
Fettig, R. A view to recent developments in thermoelectric sensors 39244
Fettig, R., Henkel, T., Mueller, E. Investigations of the properties of a thermoelectric IR-detector for low working temperature 36585
Fettig, R.A. *see* Fridenberg, J.T. 30386
Fettweis, G. *see* Drescher, W. 31287
Fettweis, G. *see* Verbauwhede, I. 31299
Fettweis, G.P., Iversen, K., Bronzel, M., Schubert, H., Aue, V., Mampel, D., Voigt, J., Wolisz, A., Walf, G., Ebert, J. A closed solution for an integrated broadband mobile system (IBMS) 47756
Fetz, B.H. Measuring customer satisfaction for an R&D organization 20743
Fetzer, C., Cristian, F. Integrating external and internal clock synchronization 48955
Fetzer, J., Kurz, S., Lehner, G. The coupling of boundary elements and finite elements for nondestructive testing applications 31005
Fetzer, J., Kurz, S., Lehner, G. Comparison of analytical and numerical integration techniques for the boundary integrals in the BEM-FEM coupling considering TEAM workshop problem no. 13 44924
Fetzer, J. *see* Kurz, S. 44935
Feucht, H.-D. *see* Zeininger, H. 39948
Feucht, M. *see* Hoffmann, K. 59697
Feuchter, T. *see* Hubner, J. 55262
Feuchter, T. *see* Jouanno, J.-M. 3407
Feuchtwang, J.B. *see* Fitches, P. 29183
Feudale, F., Odorico, A., Sica, M., Stanic, G., Torri, G. Pulse width modulation-vector control inverter-fed low voltage induction motors: experience on a high speed rolling mill stand of 480 kW/1500-3000 RPM 61361
Feudel, T. *see* Hofler, A. 12644
Feudel, T. *see* Hofler, A. 42411
Feudel, T. *see* Posselt, M. 54342
Feudel, T. *see* Suzuki, K. 43068
Feuerhake, M. *see* Szatmari, S. 13923
Feuerstein, M. *see* Yingjie Li 4389
Feuerstein, N.J. *see* Yingjie Li 35998
Feuillade, M. *see* Dorgeuille, F. 13689
Feuillard, G., Lethieccl, M., Janin, Y., Tessier, L., Pourcelot, L. Comparative performance of piezoceramic and crystal SAW filters 32772
Feuillet, G., Hamaguchi, H., Ohta, K., Hacke, P., Okumura, H., Yoshida, S. Arsenic mediated reconstructions on cubic (001) GaN 40306
Feuillet, G. *see* Alleysson, P. 23916
Feuillet, G. *see* Hartmann, J.M. 755
Feuillet, G. *see* Hartmann, J.M. 21245
Feuillet, R. *see* Leitloff, V. 50552
Feuillet, R. *see* Passelergue, J.-C. 19279
Feurer, E. *see* Oppermann, M. 6462
Feurer, T., LeBlanc, S.P., Sauerbrey, R. Novel techniques for the characterization of ultrashort laser pulses 3965
Feurer, T. *see* Michelmann, K. 14252
Feutrill, E.H. *see* McCormick, P.G. 3099
Feuvre, R.F.Le *see* Le Feuvre, R.F.
Feuvrie, B. *see* Levagueresse, F. 60909
Feuvrie, B. *see* Li, Y.M. 50998
Feuvrie, B. *see* Li, Y.M. 60771
Feve, J.P., Boulanger, A.B., Marnier, G., Albrecht, H. Repetition rate dependence of gray-tracking in $KTiOPO_4$ during second-harmonic generation at 532 nm 24164
Fevre, M.Le *see* Le Fevre, M.
Fevrier, H. *see* Bathelon, L. 36147
Fewer, D.T. *see* Logue, F.P. 31970
Fewldman, Yu. *see* Nigmatullin, R. 43433
Fews, H. *see* George, D. 26700
Fey, D. Transformation of a 2-D VLSI systolic adder circuit in 3-D circuits using optical interconnections 11370
Fey, D., Kurschat, A., Kasche, B., Erhard, W. A 3D optoelectronic parallel processor for smart pixel processing units 55358
Fey, E. *see* Kokas, J. 1809
Feyder, G. *see* Thielen, A. 12599
Feyder, G. *see* Thielen, A. 12600
Feyder, G. *see* Thielen, A. 54312
Feygin, G. *see* Yeh, D. 21575
Feyter, P.J.de *see* de Feyter, P.J.
Fez-Laso, M.D.M.De *see* De Fez-Laso, M.D.M.
Fezzani, D., Piquet, H., Foch, H. Expert system for the CAD in power electronics–application to UPS 60934
Ffloyd, L., O'Reilly, M., Mathewson, A. Delay simulation comparisons between Al/SiO_2 and Cu/BCB multilevel interconnect 42648
Ffrench, P.A., Zeidler, J.H., Ku, W.H. Enhanced detectability of small objects in correlated clutter using an improved 2-D adaptive lattice algorithm 35292
Fiaccabrino, G.C., Tang, X.-M., Skinner, N., de Rooij, N.F., Koudelka-Hep, M. Interdigitated microelectrode arrays based on sputtered carbon thin-films 27509
Fiala, M. *see* Southwell, D. 7406
Fiandrini, E. *see* Passeri, D. 59223
Fiard, J.M. *see* Ferguson, J.R. 9531
Fiat, A. *see* Awerbuch, B. 16800
Fibir, J. Compressor control systems based on programmable logic controllers 29051
Fibush, D.K. Video quality measurements in modern television systems 36326
Ficarella, G. *see* D'Orazio, A. 26860
Ficaro, E.P. *see* Fessler, J.A. 49544
Fice, M.J. *see* Stephens, M.F.C. 58340
Fichou, D. *see* Garnier, F. 22807
Fichtenbaum, M.L., Manlick, R.M. A VXI instrument for primary rate telecommunications test 47473
Fichtl, G. *see* Azuma, T. 32282
Fichtner, W. *see* Gartner, K. 13111
Fichtner, W. *see* Hofler, A. 12644
Fichtner, W. *see* Hofler, A. 42411
Fichtner, W. *see* Korner, T.O. 17383
Fichtner, W. *see* Lades, M. 12880
Fichtner, W. *see* Regli, P. 12632
Fichtner, W. *see* Stricker, A. 32396
Fichtner, W. *see* Suzuki, K. 43068
Ficili, G. *see* Andronico, M. 4974
Ficili, G. *see* Ascia, G. 35425
Ficili, G. *see* Ascia, G. 56814
Ficili, G. *see* Catania, V. 5760
Ficini, G., Campbell, J.H. Development of large scale production of Nd-doped phosphate glasses for megajoule-scale laser systems 3789
Fick, J. *see* Fardad, M.A. 3419
Fick, W. *see* Wittenstein, W. 17528
Ficke, J.T., Gravrok, R.J., Hokanson, K.E., Berry, C.J. High-bandwidth low-latency 3D memory module 305

Ficke, J.T., Hokanson, K.E., Berry, C.J., Gravrok, R.J. High-bandwidth low-latency 3D memory module 53864
Ficke, J.T. *see* Gravrok, R.J. 303
Fickert, L., Schweer, A. Detection and location of earth faults 8971
Fidalgo, J.N., Pecas Lopes, J.A., Miranda, V. Neural networks applied to preventive control measures for the dynamic security of isolated power systems with renewables 19099
Fidan, I., Kraft, R.P., Ruff, L.E., Derby, S.J. Designed experiments to analyze the solder joint quality output of a SMD remanufacturing system 22049
Fiddelaers, P. *see* Pauwels, E.J. 5419
Fiddy, M.A. *see* Sanchez, D. 33207
Fiddyment, P. *see* Jones, C. 44307
Fidecaro, F. *see* Luiten, A.N. 48500
Fidecaro, G. *see* Elsener, K. 49261
Fidler, J. *see* Matzinger, M. 3118
Fidler, J. *see* Schrefl, T. 3194
Fidler, J.K. *see* Yichuang Sun 21794
Fidler, J.K. *see* Yichuang Sun 31366
Fidler, J.K. *see* Yichuang Sun 53401
Fiebig, M. *see* Behle, M. 27961
Fiebig, M. *see* Wang, J. 36948
Fiebig, M. *see* Zhao, B. 42682
Fiebig, U.-C.G. An algorithm for joint detection in fast frequency hopping systems 6453
Fiebig, U.-C.G. An algorithm for joint detection in fast frequency hopping systems 26531
Fiebig, U.-C.G., Robertson, P. Soft decision decoding in fast frequency hopping systems with convolutional codes and turbo codes 4473
Fiebig, U.-G. Iterative interference cancellation for FFH/MFSK MA systems 16538
Fiechter, S. *see* Ellmer, K. 10916
Fiechter, S. *see* Matthaus, A. 54128
Fiechter, S. *see* Thomas, B. 54132
Fiederle, M., Eiche, C., Joerger, W., Salk, M., Senchenkov, A.S., Egorov, A.V., Ebling, D.G., Benz, K.W. Radiation detector properties of $CdTe_{0.9}Se_{0.1}$:Cl crystals grown under microgravity in a rotating magnetic field 10593
Fiederle, M., Rogalla, M., Joerger, C., Salk, M., Ebling, D.G., Ludwig, J., Runge, K., Benz, K.W. Characterization of $CdTe_{0.9}Se_{0.1}$:Cl strip detectors 37321
Fiederle, M. *see* Eiche, C. 10592
Fiederle, M. *see* Rogalla, M. 32358
Fiedler, A., Grotstollen, H. Simulation of power electronic circuits with principles used in wave digital filters 31081
Fiedler, R. *see* Peterson, B. 48167
Fiedler, S., Schnelle, T., Wagner, B., Fuhr, G. Electrocasting–formation and structuring of suspended microbodies using a.c. generated field cages 52184
Fiedler, U., Moller, B., Zeeb, E., Reiner, G., Ebeling, K.J. Design of top-emitting VCSELs for transmission at 3 Gbit/s data rates 26763
Fiedler, U., Wiedenmann, D., Weigl, B., Jung, C., Reiner, G., Buck, M., Ebeling, K.J. Stable linearly polarized light emission from VCSELs with oxidized elliptical current aperture 44570
Fiedler, U. *see* Ebeling, K.J. 3886
Fiedler, U. *see* Schnitzer, P. 3851
Fiedler, U. *see* Schnitzer, P. 58385
Fiedlev, U. New trends in battery recharging 38869
Fiegl, B. *see* Schmidt, G. 8858
Fiegna, C., Abramo, A. Optimization of channel profiles for ultra-short MOSFETs by quantum simulation 43072
Fieguth, P.W., Willsky, A.S., Menemenlis, D., Wunsch, C.I. A general multiresolution approach to the estimation of dense fields in remote sensing 60080
Fieguth, P.W. *see* Ho, T.T. 28661
Fieguth, P.W. *see* Schneider, M.K. 25416
Fiehn, H., Howitz, S. New technologies for high precision dosage 23082
Fieker, C., Jurk, A., Pohst, M. On solving relative norm equations in algebraic number fields 40200
Field, B., Znati, T. Simulation-based experimental evaluation of transport-layer protocols to support real-time applications 46784
Field, C. Internet–future communication within the industry 57805
Field, C. *see* Nguyen, L.T. 6686
Field, C. *see* Nguyen, L.T. 53849
Field, C. *see* Reeves, K. 41194
Field, C.T., Millar, P.S. System requirements for active optical search and rescue 8544
Field, D., Meeker, W.Q., Jr. An analysis of failure-time distributions for product design optimization 30139
Field, D.P., Dingley, D.J. Microstructure mapping of interconnects by orientation imaging microscopy 12823
Field, D.P. *see* Nucci, J.A. 42632
Field, H. *see* Emery, K. 39169
Field, H. *see* Rohatgi, A. 39053
Field, H. *see* Venkatasubramanian, R. 38973
Field, J.H. *see* Cecchi, C. 59168
Field, J.S. *see* Phan-Thien, N. 27978
Field, M., Smith, C.G., Pepper, M., Brown, K.M., Linfield, E.H., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C. Non-invasive detection of single-electron processes 2734
Field, R.C. *see* Kotseroglou, T. 33602
Field, S.J. *see* Brinkman, M.J. 13690
Field, T.E. Evaluation of current levels in the presence of harmonics for proper coordination using transmittances 50538
Fielder, H.-L. *see* Sikora, A. 22968
Fielder, J.H. Ethical issues in managed care 18486
Fielder, J.H. Organ transplants 59743
Fielding, A.J. *see* Pilevar, S. 17449
Fielding, E.J. *see* Rosen, P.A. 28607
Fielding, J.T., Jr. *see* Jones, F.G. 4193
Fielding, M. *see* Bult, K. 17268
Fieldman, A., Chernyak, Y.B., Cohen, R.J. Effects of ionic concentrations on propagation speed in myocardium 49729
Fields, C.A. Proper use of hierarchy in HDL-based high density FPGA design 11075
Fields, C.H., Oldham, W.G., Ray-Chaudhuri, A.K., Krenz, K.D., Stulen, R.H. Direct aerial image measurements to evaluate the performance of an extreme ultraviolet projection lithography system 22725
Fields, C.H. *see* Ray-Chaudhuri, A.K. 22719
Fields, D.E., Armijo, V., Atencio, L., Bassalleck, B., Behrendt, J., Brooks, M.L., Clark, D., Dinesh, B.V., Klinksiek, S., Lee, D.M., Lowe, J., Sondheim, W., Stuart, J., Wang, X.F. Large, light, high-acceptance CSC chambers for the PHENIX muon detector using a honeycomb panel design 59301
Fields, D.E. *see* Lee, D.M. 59268
Fields, J. *see* Pless, V. 56337
Fields, T.H. *see* Allison, W.W.M. 37269
Fiene, E. *see* Kennedy, A.R. 41232
Fiennes, A.G.T.W. Minimally invasive surgery and technology 18481
Fienup, J.R., Kosek, M.R., Stankwitz, H.C. Application of superresolution algorithm to optical coherent imaging 16904
Fienup, J.R. *see* Busse, L.J. 28114
Fierro, B., Meli, F., Brighina, F., Cardella, F., Aloisio, A., Oliveri, M., Buffa, D. Somatosensory and visual evoked potentials study in young insulin-dependent diabetic patients 49581
Fierro-Chavez, J.L., Ramirez-Vazquez, Z., Montoya-Tena, G. On-line leakage current monitoring of 400 kV insulator strings in polluted areas 8924
Fievet, C. *see* Chevrier, P. 9433
Fife, M.J. *see* Dietz, D.R. 28199
Fife, P.A., Mahr, D. Magnet upgrade solves tramp iron problems [steam power plants] 19559
Fifield, L.K. Accelerator mass spectrometry, large and small 49347
Fifield, R. *see* Du, Y. 47130
Figgie, T. *see* Kalkur, T.S. 23067
Figiel, H. *see* Turek, K. 3123
Figielski, T., Wosinski, T., Makosa, A., Dobrowolski, W., Vitusevich, S.A., Belyaev, A.E. Magnetically controlled interference of ballistic electrons tunnelled throughout the double-barrier resonator 12414
Figoni, S.F. *see* Faghri, P.D. 49754
Figueiredo, M. *see* Gracias, N. 25509
Figueiredo, M.A.T., Leitao, J.M.N. Unsupervised contour estimation 56992
Figueiredo, O., Reveilles, J.-P. New results about 3D digital lines 4999
Figueras, J. *see* Ortega, M.A. 23002
Figueras, J. *see* Rius, J. 36538
Figueras, J. *see* Rodriguez-Montanes, R. 2821
Figuerias-Vidal, A.R., Artes-Rodriguez, A. Medical image compression facilities for intelligent communication terminals 49410
Figueroa, J.E. *see* Marroquin, J.L. 55372
Figueroa, J.M. *see* Mireles, C.G. 27934
Figura, C. *see* Heflin, J.R. 4091
Figurov, V.S. *see* Nikiforov, A.Y. 44845
Fijalkow, I., Touzni, A., Treichler, J.R. Fractionally spaced equalization using CMA: robustness to channel noise and lack of disparity 25805
Fijalkow, I. *see* Johnson, C.R., Jr. 6488
Fijalkow, I. *see* LeBlanc, J.P. 25831
Fijalkow, I. *see* Touzni, A. 25800
Fijalkowski, B.T. Novel AC-DC/DC-AC, DC-AC/AC-DC and AC-AC macrocommutators for intelligent main battle tank propulsion and dispulsion 28697
Fijimori, Y. *see* Sasaski, T. 10942
Fijita, S. *see* Asahi, K. 6765
Fijol, J.J. *see* Trexler, J.T. 12533
Fikis, H. *see* Bauer, P. 48848
Fikse, T.H. *see* Cooper, T.L. 43841
Filachev, A.M. *see* Monastyrsky, M.A. 33830
Filanovsky, I.M. Current source is modified into a current conveyor 31360
Filanovsky, I.M. An input-free V_T extractor circuit using a series connection of three transistors 54675
Filanovsky, I.M., Cai, S.S. BiCMOS bandgap voltage reference with base current compensation 11170
Filaretov, V.V. Optimal implementation of decoding method for electrical networks analysis 21459
Filaretov, V.V. Transformation of an electrical polygon to parallel ray circuit 52928
Filaretov, V.V. Improved decoding method for electrical network analysis 52995
Filatov, A.V. Modified method of zero reception in the microwave radiometer 17272
Filatov, A.V., Konovalov, S.F. Low-hysteresis interaction of a hard type II superconductor with a permanent magnet 23431
Filatov, A.Y. *see* Parfenov, V.A. 55543
Filatov, D.O. *see* Karpovich, I.A. 12327
Filatov, N.M., Unbehauen, H. Real-time dual control with indirect adaptive pole-placement 39265
Filatova, I.V. *see* Budagyan, B.G. 7347
Filatova, O.E. *see* Es'kov, V.M. 37608
Filatova, O.E. *see* Es'kov, V.M. 49395
Filatova, S.A. *see* Pyt'ev, Yu.P. 17134
Filatova, S.A. *see* Pyt'ev, Yu.P. 36359
Filatrella, G. *see* Barone, A. 3277
Filatrella, G. *see* Grimaldi, G. 23422
Filbo, B.F.U., Herro, M.A. Good convolutional codes for the precoded $(1-D)(1+D)^n$ partial-response channels 34590
Filcescu, V. *see* Negoescu, R. 59664
Filer, E.D. *see* Barnes, N.P. 14063
Filevich, A. *see* Saint-Martin, G. 18128
Filho, A.F.Flores *see* Flores Filho, A.F.
Filho, B.J.C., Lipo, T.A. Space vector analysis and modulation issues of passively clamped quasi-resonant inverters 38831
Filho, J.V. *see* Scalart, P. 15073
Filho, O.B.Oliveira *see* Oliveira Filho, O.B.
Filho, O.G.Loques *see* Loques Filho, O.G.
Filho, O.R. *see* Treitz, P.M. 18937
Filho, S.G.dos Santos *see* dos Santos Filho, S.G.
Filho, W.C.P.De Aragao *see* De Aragao Filho, W.C.P.
Filicori, F. *see* Cucchiara, R. 5404
Filie, A., Lazzaro, B. A survey of unavailability of hydraulic machinery for a more effective planned maintenance 38635
Filimonov, A. *see* Dornik, M. 59164
Filimonov, G.S. *see* Aulchenko, V.M. 37214
Filimonov, K. *see* Barette, J. 59207
Filin, A.G. *see* Blonskij, I.V. 41859
Filin, A.I. *see* Kulakovskii, V.D. 2156
Filinov, N.B. *see* Jaafari, A. 83
Filip, V., Nicolaescu, D., Plavitu, C.N., Okuyama, F. Analysis of microwave generation by field emitted electrons moving in crossed electric and magnetic fields 41752
Filip, X. *see* Indrea, E. 899
Filipas, A.S. *see* Krouglov, S.V. 8518
Filipcic, L. *see* Breyer, H. 35751
Filipczynski, S.M. FastLink – modern access network system 47447
Filipiak, S. *see* Gelatos, A.V. 54511
Filipovic, D. A new solution for TE plane-wave scattering from a symmetric double-strip grating composed of equal strips 14554
Filipovic, D.F., Gauthier, G.P., Raman, S., Rebeiz, G.M. Off-axis properties of silicon and quartz dielectric lens antennas 56223
Filipowitz, F. *see* Robadey, J. 23900
Filippenko, L. *see* Tarasov, M. 55121
Filippenko, L. *see* Vystavkin, A. 32927
Filippetti, F., Franceschini, G., Ometto, A., Meo, S. A survey of neural network approach for induction machine on-line diagnosis 19740
Filippetti, F., Franceschini, G., Tassoni, C. Integrated diagnostic systems for failure identification in power converters 60878
Filippetti, F., Franceschini, G., Tassoni, C., Vas, P. AI techniques in induction machines diagnosis including the speed ripple effect 29335
Filippetti, F., Martelli, M. Symbolic techniques addressed to the fault diagnosis of large linear electric circuits 1037
Filippetti, F., Uncini, A., Piazza, C., Campolucci, P., Tassoni, C., Franceschini, G. Neural network architectures for fault diagnosis and parameter recognition in induction machines 9210
Filippi, A. *see* Agnello, M. 37458
Filippi, E. *see* Domenis, E. 6417
Filippini, J.C., Marteau, Tobazeon, R. On the measurement of the resistivity of insulating solids 13283
Filippini, J.C. *see* Diabi, R. 23248
Filippini, J.C. *see* Notingher, P.V. 1750
Filippini, J.C. *see* Radu, I. 43438
Filippo, E.De *see* De Filippo, E.
Filippo, F.de *see* de Filippo, F.
Filippov, M.N. *see* Astakhov, V.P. 13889
Filippov, S.P. *see* Belyaev, L.S. 50677
Filippov, T.V. The quantum dissipative properties of a Josephson balance comparator 32904
Filippov, V.L. Remote probing of the environment in a regional system of ecological monitoring and surveillance services of an industrial zone 16972
Filippov, V.V., Bondarenko, V.P., Pershukevich, P.P. Excitation spectroscopy of anodically oxidized porous silicon 1981
Filippova, N.G. *see* Gerikh, V.P. 8736
Filipski, P. *see* Arseneau, R. 27306
Filipski, P.S. *see* Clark, R.F. 27354
Filis, K.G., Alexandridis, A.A., Dangakis, K., Lazarakis, F. Interference considerations for mobile B-CDMA and LOS FSK with applications to PCS 26542
Filis, K.G. *see* Lazarakis, F. 26591
Filisko, F.E., Schubring, A. The anomalous dispersion and rheological response of ER materials 988
Filkins, J. *see* Caulfield, D.D. 50215
Fill, E.E. *see* Li, Y. 33354
Fill, E.E. *see* Peixiang Lu 33383
Fill, E.E. *see* Yuelin Li 13964

Fillard, J.P. *see* Castagne, M. 17327
Fillatre, O. *see* Ramaswamy, G.N. 60220
Filler, D.A., Crandall, B.S. Developing a gamma spectroscopy system at the Savannah River Site 18926
Fillingham, N. *see* Wells, P. 40712
Fillion, G. *see* Iwahara, M. 38844
Fillion, R., Wojnarowski, R., Saia, R., Kuk, D. Demonstration of a chip scale chip-on-flex technology 313
Fillion, R. *see* Burdick, B. 2757
Fillion, R. *see* Burdick, B. 52234
Fillion, T. *see* Plais, A. 44571
Fillo, J.A. Manufacturing experts/instructional video modules 30079
Filoche, M. Simulation in optoelectronics: state of the art and trends 58403
Filoche, M. *see* Perez, F. 12390
Filonov, A.B., Migas, D.B., Shaposhnikov, V.L., Dorozhkin, N.N., Borisenko, V.E., Lange, H. Electronic properties of osmium disilicide 42009
Filonov, N.G. *see* Maksimova, N.K. 12555
Filoti, G. *see* Mihalca, I. 3065
Filter, W.F., Sands, R.H., Dunham, W.R. An ultra-high-stability Moessbauer spectrometer drive using a type–2 feedback system 49364
Filter, W.F., Clement, J.J., Oates, A.S., Rosenberg, R., Lenahan, P.M. *(editors)* Materials Reliability in Microelectronics VI. Symposium 39546
Filthaut, F. *see* Brock, I.C. 37039
Filtz, M. Analytical field calculation in planar MM-wave structures for relativistic electron acceleration. II. Open and aperiodic structures 37006
Filz, O., Rappelsberger, P., Konig, H. Coherence profiles of EEG sleep recordings 59693
Filz, T. *see* Ostheimer, V. 12214
Fimia, A. *see* Carretero, L. 33764
Fimiani, S. *see* Profumo, F. 31085
Fimushkin, V.V. *see* Ershov, V.P. 59167
Fina, A., Zippo, L., Orefice, M. A 3-D simulator for the analysis of the indoor microcellular channel 34046
Finamore, W.A., de A. Leister, M. Lossy Lempel-Ziv algorithm for large alphabet sources and applications to image compression 56763
Finardi, C.A. *see* Almeida, A.M. 1878
Finardi, C.A. *see* Bastida, E.M. 40931
Fincannon, J., Delleur, A., Green, R., Hojnicki, J. Load-following power timeline analyses for the International Space Station 18717
Finch, A.M., Wilson, R.C., Hancock, E.R. Relational matching with mean field annealing 5392
Finch, A.M., Wilson, R.C., Hancock, E.R. Matching Delaunay graphs 25563
Finch, D. *(editor)* Compound semiconductor industry directory 39516
Finch, I., Yates, D.F., Delves, L.M. Identification of lines of pylons in SAR images 48068
Finch, J.W., Nuttall, B.W., Zachariah, K.J. Developments in turbogenerator control and modelling 38681
Finch, R.P., Scott, S.L. Fault detection and handling in the Caltech Millimeter Array 7028
Finco, S. *see* Behrens, F.H. 40909
Findikoglu, A.T. *see* Jia, Q.X. 52675
Findikoglu, A.T. *see* Jia, Q.X. 54944
Findlan, S.J. *see* Viswanathan, V. 38595
Findlay, A. *see* Clarke, M. 17088
Findlay, D. *see* Morgan, V.T. 8903
Findlay, R.D. *see* Stranges, N. 19744
Findley, V.E. *see* Ramamoorthy, S.K. 19253
Findling, A. *see* Horsch, A. 18232
Fine, G. *see* Tabbara, W. 20547
Fine, M.E. *see* Vaynman, S. 30958
Fine, T.L. *see* Chin Fai Wong 34750
Finean, R.J. *see* El-Hoiydi, A. 47871
Fineberg, A.B., Yu, K.C. Time-frequency representation based cepstral processing for speech recognition 15118
Finelli, M., Gelli, G., Poggi, G. Multispectral-image coding by spectral classification 60025
Finger, F. *see* Folsch, J. 39149
Finger, F. *see* Hapke, P. 21331
Finger, F. *see* Luysberg, M. 40521
Finger, L., Tavsanoglu, V. Mapping of one-dimensional Josephson junction arrays onto cellular neural networks 32910
Finger, L., Tavsanoglu, V. Mapping of one-dimensional Josephson junction arrays onto cellular neural networks and their dynamics 55126
Finger, M. *see* Alexeev, G. 59200
Finger, W. *see* Mohr, A. 17564
Fingerson, L.M. *see* Freymuth, P. 36536
Fingscheidt, T., Vary, P. Error concealment by softbit speech decoding 34681
Fini, P. *see* Wu, X.H. 31803
Finizio, A. *see* de Angelis, M. 17825
Finizio, A. *see* De Nicola, S. 7660
Fink, D. *see* Smith, A.M. 49348
Fink, H. *see* Shang, W. 29482
Fink, I. *see* Orvek, K.J. 2526
Fink, J. *see* McCluskey, F.P. 318
Fink, J. *see* McCluskey, P. 52257
Fink, M., Dorme, C. Aberration correction in ultrasonic medical imaging with time-reversal techniques 37724
Fink, R. *see* Heske, C. 39080
Fink, R. *see* Heske, C. 42424
Fink, T., Buscher, S., Gabler, R., Yu, Q., Dax, D.A., Urban, C.W. An improved CO_2 laser intracavity photoacoustic spectrometer for trace gas analysis 7160
Fink, T. *see* Hurm, V. 44318
Fink, W.T. *see* Gupta, B.K. 9177
Finke, M. *see* Brandenburg, U.W. 58115
Finke, M. *see* Waibel, A. 14945
Finke, M. *see* Woszczyna, M. 15142
Finkelstein, A., Jacobs, C.E., Salesin, D.H. Multiresolution video 15492
Finkelstein, A., Kosheleva, O., Kreinovich, V. Astrogeometry, error estimation, and other applications of set-valued analysis 30497
Finkelstein, A.M., Koshelev, M. Case studies of choosing a numerical differentiation method under uncertainty: computer-aided design and radiotelescope network design 7021
Finkel'stein, A.M. *see* Oreg, Y. 22406
Finkelstein, B.I. *see* Asthana, P. 13562
Finkelstein, I., Ruschin, S., Sorek, Y., Reisfeld, R. Waveguided visible lasing effects in a dye-doped sol-gel glass film 33391
Finkelstein, L. *see* Khan, S.H. 50907
Finkelstein, N.D. *see* Grinstead, J.H. 59083
Finkelstein, S.M., Snyder, M., Edin-Stibbe, C., Chlan, L., Prasad, B., Dutta, P., Lindgren, B., Wielinski, C., Hertz, M.I. Monitoring progress after lung transplantation from home–patient adherence 49375
Finkenthal, M. *see* Stutman, D. 36666
Finkman, E., Boulmer, J., Boucaud, P., Guedj, C., Bouchier, D., Nugent, K., Prawer, S. Raman spectroscopy of $Si_{1-x-y}Ge_xC_y$ layers obtained by pulsed laser induced epitaxy 799
Finlay, G.S. *see* Robert, A. 8733
Finlay, R.J. *see* Glezer, E.N. 32993
Finlay, W.R., Burke, R.R. Proper specification and installation of induction motors 29289
Finlayson, G. *see* Barnard, K. 46423
Finley, D. *see* Sidhu, T.S. 50627
Finley, D. *see* Vianco, P. 1779
Finley, D.W. *see* Ray, U. 22060
Finley, J.J. *see* Cockburn, J.W. 31958
Finley, J.J. *see* Teissier, R. 2108
Finley, M.T. *see* Massoud, M. 9049
Finn, G.G., Hotz, S., Van Meter, R. The impact of a zero-scan Internet checksumming mechanism 16252
Finn, R.D. *see* Pentlow, K.S. 7909
Finn, S.G., Barry, R.A. Optical services in future broadband networks 16347
Finn, S.G., Hemenway, B.R., Gerbu, S. Improved frequency control of DBR lasers under hopped conditions by prediction and compensation of heating 23974
Finneran, M.F. Sizing up the ISDN market 6273
Finnerty, P.W. *see* Wu, C.C. 49649
Finney, A. The EMC Directive–one year on 34117
Finney, P. IR imaging with uncooled focal plane array 36651
Finney, S.J. *see* Sheng, K. 12925
Finney, S.J. *see* Williams, B.W. 51359
Finney, S.J. *see* Xiangning He 29404
Finnie, E. *see* Welsh, J. 41211
Finnie, I. *see* Cheng Weili 9068
Finnie, P. *see* Roth, A.P. 10708
Finocchiaro, G. *see* Amos, N. 37445
Finocchiaro, G. *see* Andryakov, A. 37226
Finocchiaro, G. *see* Cremaldi, L. 59262
Finocchiaro, P., Amato, A., Ciavola, G., Cuttone, G., Gu, M., Raia, G., Rovelli, A. A scintillating fibre-based profiler for low intensity ion beams 37097
Finocchiaro, P. *see* Bellia, G. 37463
Finogeev, V.P. *see* Akimov, A.E. 34983
Finotto, D. *see* Gianola, P. 14740
Finseth, C.A. Providing security in a large network 26116
Finsterer, J., Mamoli, B. Turn/amplitude parameter changes during sustained effort 28314
Finvers, I.G., Haslett, J.W., Trofimenkoff, F.N. Noise analysis of a continuous-time auto-zeroed amplifier 11201
Finzel, L. Flex-time for networks [fibre optic rings] 16673
Finzi, D., Mikhaelashvili, V., Tessler, N., Eisenstein, G. Modal gain reduction due to barrier state carriers in quantum well lasers 55618
Fiocchi, C., Torelli, G., Ghezzi, S., Maccarrone, M. Program load adaptive voltage generator for flash memories 21668
Fionov, A. *see* Ryabko, B. 56306
Fiorani, D., Malizia, F., Ronconi, F., Vittori Antisari, M. Magnetic properties of partially crystallized $Fe_{80}B_{20}$ amorphous alloys 3064
Fioraso, G. *see* Bartak, J. 9056
Fiordalice, B. *see* Chen, W.-M. 22615
Fiordalice, R., Blumenthal, R., Fernandes, M., Garcia, S., Gelatos, J., Kawasaki, H., Klein, J., Marsh, R., Ong, T., Venkatraman, R., Weitzman, E., Pintchovski, F. A low temperature CVD Al plug and interconnect process for 0.25 μm metallization technologies 2434
Fiordilino, E. *see* Birulin, A.V. 14394
Fiordilino, E. *see* Platonenko, V.T. 14395
Fiore, A., Berger, V., Rosencher, E., Laurent, N., Vodjdani, N., Nagle, F. Birefringence phase matching in selectively oxidized GaAs/AlAs optical waveguides for nonlinear frequency conversion 33705
Fiore, A., Rosencher, E., Berger, V., Laurent, N., Vodjdani, N., Nagle, J. Huge birefringence in oxidized GaAs/AlAs optical waveguides for phase-matched nonlinear frequency conversion 14282
Fiore, A., Rosencher, E., Berger, V., Nagle, J. Second-harmonic generation in biased GaAs/AlGaAs quantum well 33658
Fiore, D. *see* Bowen, L. 43593
Fiore, D. *see* Corsaro, R.D. 17320
Fiore, D. *see* Corsaro, R.D. 18972
Fiore, D. *see* Gentilman, R. 17289
Fiore, D.F. *see* Gentilman, R.L. 18971
Fiore, E.M. *see* Colonna, N. 37521
Fiore, L., Corsini, G., Geppetti, L. Application of non-linear filters based on the median filter to experimental and simulated multiunit neural recordings 49629
Fiore, L. *see* Celano, L. 18094
Fiore, L. *see* Colonna, N. 37521
Fiore, L.Di *see* Di Fiore, L.
Fiore, P.D., Lang, S.W. Efficient phase-only frequency estimation 25022
Fiore, P.D. *see* Tufts, D.W. 25020
Fiorentini, V. *see* Bosin, A. 12263
Fiorentini, V. *see* Satta, A. 12265
Fiorentini, V. *see* Serra, S. 12289
Fioretto, E., Cinausero, M., Prete, G., Lollo, M., Fabris, D., Nebbia, G., Viesti, G., Lunardon, M., Caldogno, M., Burch, R., Brondi, A., La Rana, G., Moro, R., Vardaci, E., Ordine, A., Boiano, A., Gelli, N., Lucarelli, F. The 8πLP project: A 4π light charged particle detection array at LNL 59283
Fiori, F., Foti, T., Pozzolo, V. Computer aided analysis of RF effects in BJT circuits 40773
Fiorica, F. *see* Spoto, D. 18820
Fiorillo, A.S. Ultrasound transducer with digitally synthesised wide-band for application in air 18956
Fiorillo, A.S. A piezoresistive tactile sensor 27504
Fiorillo, A.S., Baisotti, R. Modeling of piezo-polymer transducers for ultrasound application in air 60119
Fiorillo, A.S. *see* Capineri, L. 38125
Fiorillo, F. Advances in Fe-Si properties and their interpretation 3152
Fiorillo, F. *see* Crottier-Combe, S. 38782
Fiorillo, F. *see* Sievert, J. 23324
Fiorillo, G. *see* Annis, P. 59237
Fiorillo, J.A. *see* Browne, J.L. 9933
Fiorina, J.N. *see* Cun, J.P. 51487
Fiorini, C., Nunzi, J.-M., Charra, F., Raimond, P. All-optical patterning of 3-dimensional micro-structures in azo-polymers: towards a full control of the molecular order 55156
Fiorini, C., Nunzi, J.-M., Charra, F., Samuel, I.D.W., Zyss, J. Photoinduced nonlinear octupolar polarization: transient and permanent regimes 33706
Fiorini, C. *see* Fasoli, L. 59306
Fiorini, C. *see* Gauthier, C. 59190
Fiorini, C. *see* Lefin, P. 55937
Fiorini, E. *see* Alessandrello, A. 7819
Fiorini, E. *see* Alessandrello, A. 37480
Fiorini, E. *see* Booth, N.E. 59194
Fiorini, M. *see* Dori, L. 58900
Fiorini, R.A., Dacquino, G.F., Sivo, M., Arrigo, G., Bucci, R., Colasanti, G., Selicato, L., D'Amico, G. Improved body water estimation by skin-electrode interface modeling in bioimpedance spectroscopy 49713
Fiorino, C. *see* Cattaneo, G.M. 59776
Fiorino, M.E., Paul, L.M., Sterk, T.P., Thompson, P.D., Zaltsman, V. Powering choices for emerging networks a systems engineering perspective 51284
Fiorino, M.E. *see* Comizzoli, R.B. 58090
Fiorot, J.C., Jeannin, P., Sucher, B. Recursive calculation of the derivatives of rational curves in (BR) form 21164
Fiory, A.T. *see* Nguyenphu, B. 22919
Fiory, A.T. *see* Gelpey, J.C. *(editor)* 9840
Fiquet, J.-M. *see* Eon-Duval, P. 9043
Fira, R. International comparison of the He-Ne/I_2 lasers at the Slovak Institute of Metrology 17150
Firda, J.M. *see* Lohmeier, S.P. 50062
Firebaugh, S.L. *see* Pangal, K. 7317
Firek, L. *see* Nygren, A. 49725
Firenze, F. *see* Schenone, A. 4918
Firjahn-Andersch, A., Schempp, A., Madlung, J., Staschok, C. A two-beam radio-frequency quadrupole (RFQ) for funnelling of ion beams at low energies 59133
Firjahn-Andersch, A. *see* Madlung, J. 37103
Firjahn-Andersch, A. *see* Madlung, J. 59134
Firjahn-Andersch, A. *see* Schempp, A. 37099
Firmin, C., Hamad, D., Postaire, J.-G., Zhang, R.D. Fault detection by a Gaussian neural network with reject options in glass bottles production 39857
Firmin, D.N. *see* Guang-Zhong Yang 7965
Firon, M., Hugon, M.C., Agius, B., Hu, Y.Z., Wang, Y., Irene, E.A. Comparison of the physical and electrical properties of electron cyclotron resonance and distributed electron cyclotron resonance SiO_2 52771
Firoozian, R. Mathematical modelling of the dynamic response of electro-rheological fluid 52869
Firpo, P. *see* Cosulich, G. 9689
Firpo, P. *see* Cosulich, G. 39917
Firsov, D.A. *see* Vorob'ev, L.E. 44528
Firsov, D.A. *see* Vorobjev, L.E. 3893
Firsov, D.A. *see* Vorobjev, L.E. 55628

Firsov, K.N. *see* Apollonov, V.V. 23742
Firsov, K.N. *see* Apollonov, V.V. 55491
Firsov, V.I. *see* Tsipenyuk, Yu.M. 59189
Firsov, V.V. *see* Kravtsov, N.V. 3742
Firsov, V.V. *see* Zolotoverkh, I.I. 3743
First, P.N. *see* Guthrie, D.K. 22447
Firszt, F. Radiative recombination processes in $Zn_{1-x}Mg_xSe$ layers 44209
Firszt, F. *see* Paszkowicz, W. 41965
Firszt, F. *see* Reniewicz, H. 12251
Firth, W.J., Lord, A., Scroggie, A.J. Optical bullet holes 55876
Firth, W.J. *see* Dunlop, A.M. 3925
Firth, W.J. *see* Martin, R. 4055
Fisanov, V., Marakasov, D. Transverse propagation of electromagnetic waves in the magnetoactive chiroplasma 45168
Fisch, E.E. *see* Ouimet, G. 32223
Fisch, N., Kubler, R. Solar assisted district heating–status of the projects in Germany 60594
Fischbacher, M., Weigold, H. MPEG2 Generator DVG and MPEG2 Measurement Decoder DVMD: test equipment for digital TV in line with MPEG2 7039
Fischbacher, M. *see* Trauberg, M. 17031
Fischbeck, G., Moosburger, R., Kostrzewa, C., Achen, A., Petermann, K. Singlemode optical waveguides using a high temperature stable polymer with low losses in the 1.55 μm range 44010
Fischbeck, G. *see* Kostrzewa, C. 55257
Fischbeck, G. *see* Moosburger, R. 26454
Fischer, A. The launch of DAB in Germany: DAB pilot projects ready for take off 7050
Fischer, A., Kuhne, H. Deformation behaviour of strained layer heterostructures 721
Fischer, A., Narayanswamy, C., Grecu, D.S., Bykov, E., Nance, S.A., Jayamaha, U.N., Contreras-Puenta, G., Compaan, A.D., Stan, M.A., Mason, A.R. Interdiffusion of CdS/CdTe in laser-deposited and RF sputtered alloys, bilayers and solar cells 39103
Fischer, A. *see* Moulin, S. 8564
Fischer, A. *see* Richter, H. 43207
Fischer, A. *see* Shao, M. 9554
Fischer, B., Ghetti, A., Selmi, L., Bet, R., Sangiorgi, E. Bias and temperature dependence of homogeneous hot-electron injection from silicon into silicon dioxide at low voltages 22858
Fischer, B., Thieme, C., Fischer, T.M., Kremer, F., Oge, T., Zentel, R. The packing of azobenzene dye moieties and mesogens in polysiloxane copolymers and its impact on the opto-dielectric effect 43476
Fischer, B. *see* Bauch, A. 27209
Fischer, B. *see* Buchner, S. 23012
Fischer, B. *see* Daisy, R. 14367
Fischer, B. *see* Horowitz, M. 32976
Fischer, B. *see* Selmi, L. 43018
Fischer, C., Parisi, G. Trajectory correction algorithms on the latest model of the CLIC main linac 49185
Fischer, C. *see* Spahn, W. 40441
Fischer, C.L. *see* Teichgraeber, R.D. 50254
Fischer, D., Dubail, S., Selvan, J.A.A., Vaucher, N.P., Platz, R., Hof, Ch., Kroll, U., Meier, J., Torres, P., Keppner, H., Wyrsch, N., Goetz, M., Shah, A., Ufert, K.-D. The "micromorph" solar cell: extending a-Si:H technology towards thin film crystalline silicon 39129
Fischer, D. *see* Hof, C. 39130
Fischer, D. *see* Keppner, H. 39031
Fischer, D. *see* Stavrev, M. 42639
Fischer, D.W., Ohmer, M.C. Temperature dependence of $ZnGeP_2$ birefringence using polarized light interference 33640
Fischer, E. *see* Szafarska, E. 50728
Fischer, F., Lugauer, H.-J. Semiconductor lasers bring color into play 33503
Fischer, F., Nern, H.-J., Pawlova, K. Introduction of state observer for the stator winding bar water cooling fault diagnosis of turbogenerators 60491
Fischer, F. *see* Kristiansen, G. 49436
Fischer, F. *see* Lunz, U. 2149
Fischer, F. *see* Mackh, G. 22316
Fischer, F. *see* Waag, A. 22312
Fischer, F. *see* Waag, A. 23959
Fischer, G., Daly, J.C., Recksiek, C.W., Friedland, K.D., Chun Yang Design of a programmable temperature monitoring device for tagging small fish 17284
Fischer, G., Modadugu, N.K. Design of a compact direct digital frequency synthesizer with 12 bit amplitude and 32 bit frequency resolution 31349
Fischer, G. *see* Bufler, F.M. 11696
Fischer, G. *see* Knoll, D. 2600
Fischer, G. *see* Tarasov, M. 32929
Fischer, G.G. *see* Osten, H.J. 22280
Fischer, G.L., Boyd, R.W., Moore, T.R., Sipe, T.E. Nonlinear-optical Christiansen filter as an optical power limiter 3540
Fischer, H.G. *see* Bieser, F. 59307
Fischer, L, Schultz, T. Generation of tunable visible and near-IR light from 2.5 ps, high-power Ti:sapphire pulses by Raman shifting in hydrogen 33359
Fischer, J. *see* Boche, H. 17144
Fischer, J. *see* Boche, H. 34810
Fischer, J. *see* Boche, H. 45926
Fischer, J. *see* Heckman, J. 37003
Fischer, J. *see* Niemann, H. 15913
Fischer, J. *see* Noth, E. 14968
Fischer, J. *see* Sakuma, F. 27208
Fischer, K., Shenai, K. Electrothermal effects during unclamped inductive switching (UIS) of power MOSFET's 54639
Fischer, K. *see* Dorr, M. 55079
Fischer, K.A. *see* Stegmann, J. 15055
Fischer, K.H. *see* Carlsson, T.E. 7662
Fischer, M., Winkler, U., Merschel, F., Blasius, P., Weck, K.-H. Ageing of 20 kV XLPE cables in the networks of EVS and RWE Energie 38369
Fischer, M.J., Moran, S., Rudich, S., Taubenfeld, G. The wakeup problem 16114
Fischer, M.L. *see* Holzapfel, W.I. 58516
Fischer, N. *see* Ruiz, L. 6262
Fischer, P. Communication in building automation and control 47175
Fischer, P. Standardization of the BusNet protocol for VMEbus backplane networking 57646
Fischer, P. Standardization of the first open communication protocol for the VME backplane: BusNet 57838
Fischer, P. *see* Anderson, S. 35955
Fischer, P. *see* Nakashima, H. 12480
Fischer, P. *see* Takeuchi, M. 40450
Fischer, R., Akay, M. Fractal analyses of biological signals 18198
Fischer, R.A., Miehr, A., Ambacher, O., Metzger, T., Born, E. Novel single source precursors for MOCVD of AlN, GaN and InN 40338
Fischer, R.A. *see* Ambacher, O. 21282
Fischer, R.A. *see* Bastida, E.M. 40931
Fischer, R.F.H., Huber, J.B. Comparison of precoding schemes for digital subscriber lines 47431
Fischer, R.F.H. *see* Bauml, R.W. 4423
Fischer, R.J. *see* Kohnke, G.E. 23556
Fischer, R.P., Fliflet, A.W. A CW quasioptical gyrotron for materials processing 12103
Fischer, S., Bigun, J. Texture boundary tracking with Gabor phase 15721
Fischer, S., Schmid, P., Guillod, J. Analysis of skin lesions with pigmented networks 59436
Fischer, S., Simmer, K.U. Beamforming microphone arrays for speech acquisition in noisy environments 24856
Fischer, S., Wetzel, C., Hansen, W.L., Bourret-Courchesne, E.D., Meyer, B.K., Haller, E.E. Properties of GaN grown at high rates on sapphire and on 6H-SiC 847
Fischer, S. *see* Cremades, A. 31823
Fischer, S. *see* Morehead, F. 41894
Fischer, S. *see* Pfeiffer, S. 46460
Fischer, S. *see* Wetzel, C. 12287
Fischer, T. *see* Gemmeke, H. 59323
Fischer, T. *see* Maurer, W. 2507
Fischer, T.E. *see* Tompa, G.S. 10888
Fischer, T.M. *see* Fischer, B. 43476
Fischer, T.R., Qing Chen Subband image coding for packet erasure channels 57302
Fischer, T.R. *see* Weixing Zhang 57293
Fischer, U. *see* Doler, W. 37647
Fischer, U. *see* Moosburger, R. 44054
Fischer, V., Niemann, H. A parallel any-time control algorithm for image understanding 5064
Fischer, V. *see* Niemann, H. 15913
Fischer, W. VME64 extensions 57829
Fischer, W., Giovannozzi, M., Schmidt, F. Dynamic aperture experiment at a synchrotron 59149
Fischer, W. *see* Balz, C. 7198
Fischer, W.C. *see* Cabara, T.J. 41029
Fischer, W.C. *see* Gabara, T.J. 41277
Fischer, W.C. *see* Ota, Y. 58348
Fischer von Weikersthal, B. *see* Reinhard, I. 13981
Fischetti, M., Vigo, D. A branch-and-cut algorithm for the resource-constrained minimum-weight arborescence problem 21078
Fischetti, M.V., Sano, N., Laux, S.E., Natori, K. Full-band Monte Carlo simulation of high-energy transport and impact ionization of electrons and holes in Ge, Si, and GaAs 12160
Fischl, B., Schwartz, E.L. Learned adaptive nonlinear filtering for anisotropic diffusion approximation in image processing 15537
Fischl, R. *see* Carullo, S.P. 19103
Fischman, G.S. *see* Hepp, A.F. *(editor)* 39520
Fiser, B. *see* Krticka, A. 28064
Fiser, J., Biederman, I., Cooper, E.E. Test of a two-layer network as a model of human entry-level object recognition 15698
Fiser, R., Ferkolj, S. Modelling of failure states of induction machines 9216
Fish, D.A., Powell, A.K. Irreducible forms of the SU(2,2) group in four-wave mixing 44669
Fish, G. *see* Dashevsky, Z. 36546
Fish, J., Suvorov, A., Belsky, V. Hierarchical composite grid method for global-local analysis of laminated composite shells 40231
Fish, P.J. *see* Cardoso, J.C.S. 7982
Fish, P.J. *see* Yuanyuan Wang 24990
Fish, S., McGall, T., Howard, E. Launch package mass and pulsed power energy estimation for subcaliber electromagnetic railgun projectiles 24397
Fish, S., Redding, E. Prime power and pulsed energy storage for EM gun equipped tank combat missions 38183
Fisher, A. *see* Laudon, M. 42885
Fisher, A.C. *see* Xu, W. 49381
Fisher, A.J. A new technique for decoding Loran-C radionavigation signals 7001
Fisher, A.L. *see* Hopper, R.D. 59453
Fisher, A.V. A review of the technique of estimating the composition of livestock using the velocity of ultrasound 60121
Fisher, C., Esteb, N., Greene, E.R., Jr, Hobbs, B.F. Public participation in IRP process: a short note paper summarizing a panel session at the July 1994 Summer Power Meeting 19156
Fisher, C.R. *see* Tusting, R.F. 49998
Fisher, D. *see* Kiflawi, I. 42364
Fisher, D.G. *see* Nguyen-Tat, T. 47225
Fisher, D.I. *see* Neves, B.R.A. 12391
Fisher, D.J. *see* Xu, W. 42232
Fisher, D.L. *see* Kishimoto, Y. 17918
Fisher, D.L. *see* Rau, B. 55794
Fisher, G.D., Abbott, W.L., Sonntag, J.L., Nesin, R. PRML detection boosts hard-disk drive capacity 4463
Fisher, G.R. *see* Pagani, M. 41833
Fisher, H.L. *see* Strikwerda, T.E. 59892
Fisher, J., Andrews, M. ITRI 1996 Technology Plan 1820
Fisher, J. *see* Adler, E. 8669
Fisher, J., III *see* Kim, M. 6905
Fisher, J.W., III, Principe, J.C. Unsupervised learning for nonlinear synthetic discriminant functions 5450
Fisher, K. *see* Quine, J.P. 45196
Fisher, K. *see* Quine, J.P. 48856
Fisher, K.A., Jarzynski, J. Fiber optic multimode displacement sensor 17874
Fisher, M. *see* Bueno, G. 37607
Fisher, M. *see* Yi-Hua Tang 36361
Fisher, M.P.A. *see* Lin, H.H. 2207
Fisher, M.R. *see* Ding-Yu Fei 49559
Fisher, M.V., Bissen, M., Bourgeois, F., Eisert, D., Kubala, T., Reininger, R., Severson, M. Precision motion and position control for the plane grating monochromator at SRC 37551
Fisher, N., Jackson, D. Vibration immunity for a triangular Faraday current sensor 36608
Fisher, N.E., Jackson, D.A. Common-mode optical noise rejection scheme for an extrinsic Faraday current sensor 17314
Fisher, N.E. *see* Wacogne, B. 26774
Fisher, N.E. *see* Wacogne, B. 36089
Fisher, P. *see* Alverson, G. 18085
Fisher, R., Fulcher, J., Richards, S., Hagenbuchner, M., Coleman, C. The fusion of oblique-incidence ionograms gathered from multiple collection sites 24489
Fisher, R.B. *see* Eggert, D.W. 46328
Fisher, R.B. *see* Fitzgibbon, A.W. 5078
Fisher, R.E. *see* Fukasawa, A. 6588
Fisher, T.A. *see* Lidzey, D.G. 33297
Fisher, T.A. *see* Opher-Lipson, M. 12395
Fisher, T.S., Torrance, K.E., Sikka, K.K. Analysis and optimization of a natural draft heat sink system 264
Fisher, T.S., Zell, F.A., Sikka, K.K., Torrance, K.E. Efficient heat transfer approximation for the chip-on-substrate problem 30209
Fisher, T.S. *see* Sikka, K.K. 255
Fisher, Y. *see* Lessick, J. 18300
Fishkin, J.B., Coquoz, O., Anderson, E.R., Brenner, M., Tromberg, B.J. Frequency-domain photon migration measurements of normal and malignant tissue optical properties in a human subject 37655
Fishler, M.G. *see* Sobie, E.A. 59752
Fishman, E.K. *see* Johnson, P.T. 7969
Fishman, E.K. *see* Johnson, P.T. 59449
Fishman, E.K. *see* Luomin Gao 59426
Fishman, G. *see* Hye-Sook Park 58842
Fishman, G. *see* Katz, C.A. 58518
Fishman, I.M. *see* Studenmund, W.R. 36949
Fishman, L.Z. On conservation of stability and bifurcations upon discretization 52568
Fisk, D. An application of social filtering to movie recommendation 7069
Fisk, M. Automating the administration of heterogeneous LANs 16325
Fisk, P.T.H., Sellars, M.J., Lawn, M.A., Coles, C. A microwave frequency standard based on trapped, buffer gas-cooled $^{171}Yb^+$ ions–some accuracy issues 27366
Fisk, P.T.H., Sellars, M.J., Lawn, M.A., Coles, C. A microwave frequency standard based on trapped, buffer gas-cooled $^{171}Yb^+$ ions 48292
Fiskum, R.J., Adcock, P.W., DeVault, R.C. United States Department of Energy thermally activated heat pump program 20249
Fisun, A.I. *see* Belous, O.L. 53995
Fitas, R., Zerroual, L., Chelali, N., Djellouli, B. Heat treatment of α- and β-battery lead dioxide and its relationship to capacity loss 9525
Fitch, J.J. *see* Graessle, D.E. 28539
Fitch, M.R. *see* Fowler, K.R.G. 47889
Fitch, R.C. *see* Kolesar, E.S. 27513
Fitches, P., Feuchtwang, J.B. Small battery charging wind turbine systems 29183
Fitchew, K. *see* Fabianek, B. 58368
Fite, J.D., Bruzzone, S.P., Agee, B.G. Blind separation of voice modulated single-side-band using the multi-target variable modulus algorithm 24957
Fite, R. *see* Landsberger, S. 37875
Fitterer, G. *see* Hausler, M. 8917
Fittinghoff, D. *see* Sweetser, T. 17827
Fittinghoff, D.N. *see* Krumbugel, M.A. 44711
Fittinghoff, D.N. *see* Taft, G. 55588
Fittinghoff, D.N. *see* Tsang, T. 17832

Fitton, M.P., Nix, A.R., Beach, M.A. A comparison of RMS delay spread and coherence bandwidth for characterisation of wideband channels 35989
Fitton, S.J. Surface discharges within oil insulated apparatus 38795
Fittro, R.L. *see* Allaire, P.E. 50875
Fitz, J. *see* Sheng-Hui Yang 24000
Fitz, K., Haken, L. Sinusoidal modeling and manipulation using Lemur 36355
Fitz, M.P. *see* Balasubramanian, R. 4437
Fitz, M.P. *see* Balasubramanian, R. 24629
Fitz, M.P. *see* Gansman, J.A. 6654
Fitz, N.P., Krogmeier, J.V., Grimm, J., Gansman, J.A., Tai-Ann Chen, Magnusen, T.M. The 220 MHz ITS spectral allocation: potential, pitfalls, and applications 6584
Fitz, S. *see* Smithson, G. 53647
Fitz-Gerald, G., Healy, L. Serving Maple using WWW 26212
Fitze, H.R. *see* Stammbach, T. 7699
Fitzgerald, D. *see* Feely, O. 1523
Fitzgerald, D. *see* Feely, O. 53374
Fitzgerald, D. *see* Shaotang Chen 29673
Fitzgerald, D.D. Implementation of cable data systems: experience gained 16450
Fitzgerald, D.S. *see* Nelson, C.L. 46059
Fitzgerald, E.A. *see* Samavedam, S.B. 41837
Fitzgerald, M. *see* Eddy, W.F. 8035
Fitzgerald, M. *see* Eddy, W.F. 28170
Fitzgerald, M.P., Swing, R.E. Adjustment and practical calibration of microdensitometers 17179
Fitzgerald, M.P. *see* Armstrong, T.R. 17189
Fitzgerald, T.J., Argo, P.E., Carlos, R.C. Effects of artificially modified ionospheres on HF propagation: negative ion cation release experiment 2 and CRRES Coqui experiments 56050
Fitzgerald, T.J., Carlos, R.C. Effects of 450-kg surface explosions on HF radio reflection from the E layer 38059
Fitzgerald, T.J. *see* Flaherty, J.P. 24483
Fitzgerald, W.J. *see* Kuruoglu, E.E. 45995
Fitzgerald, W.J. *see* Morris, R.D. 56987
Fitzgibbon, A.W., Pilu, M., Fisher, R.B. Direct least squares fitting of ellipses 5078
Fitzner, M. *see* Li, T. 12952
Fitzpatrick, D., North, R., Lefebvre, N. Software suite improves design-cycle efficiency [MMICAD] 1720
FitzPatrick, G.J. *see* Boggs, S.A. 19943
FitzPatrick, G.J. *see* Petersons, O. 29365
Fitzpatrick, G.O., Koester, J.K., Chang, J., Britt, E.J., McVey, J.B. Close-spaced thermionic converters with active spacing control and heat-pipe isothermal emitters 20070
Fitzpatrick, G.O. *see* Moyzhes, B.Ya. 20076
Fitzpatrick, J. *see* Taratorin, A. 32842
Fitzpatrick, J.A. *see* Ladner, J.E.J. 9028
Fitzpatrick, J.M. *see* Maurer, C.R., Jr. 7886
Fitzpatrick, J.M. *see* Maurer, C.R., Jr. 18274
Fitzpatrick, J.M. *see* Yaorong Ge 5486
Fitzpatrick, P. *see* Ivanovich, M. 6619
Fitzsimmons, J.R. *see* Peterson, D.M. 59399
Fitzsimmons, M.R. Reflectometry at continuous wave and pulsed-neutron sources 37167
Fivez, C., Vuylsteke, P., Wambacq, P., Suetens, P., Schoeters, E. Multi-resolution contrast amplification in digital radiography with compensation for scattered radiation 59439
Fivez, J., Thoen, J. On the accuracy of depth-dependent thermal conductivity retrieval in photoacoustic experiments 48977
Fix, A., Ehret, G. Investigation of the spectral purity of an injection-seeded pulsed optical parametric oscillator system and its use for differential absorption lidar measurements in the atmosphere 24127
Fix, A., Wallenstein, R. Spectral properties of pulsed nanosecond optical parametric oscillators: experimental investigation and numerical analysis 14305
Fixsen, D., Mahler, R.P.S. The modified Dempster-Shafer approach to classification 15319
Fixsen, D.J., Cheng, E.S., Cottingham, D.A., Folz, W.C., Inman, C.A., Kowitt, M.S., Meyer, S.S., Page, L.A., Puchalla, J.L., Ruhl, J.E., Silverberg, R.F. A balloon-borne millimeter-wave telescope for cosmic microwave background anisotropy measurements 17008
Fixter, G. *see* Treen, A. 958
Fizzotti, F. *see* Manfredotti, C. 37318
Fizzotti, F. *see* Manfredotti, C. 37320
Fizzotti, F. *see* Manfredotti, C. 40519
Fjelbye, P. TeleSeC: a solution to implementing digital signature in EDI/EDIFACT 4494
Fjeldly, T.A. *see* Iniguez, B. 22827
Fjellvag, H. *see* Seim, H. 52715
Fjelstad, J. Trends in low cost IC packaging 20947
Fjelstad, J., DiStefano, T., Perry, M. Compliancy modeling of an area array chip scale package 20896
Fjield, T. *see* Hynynen, K. 8102
Fjodorova, N.V. *see* Khutorskaya, O.Ye. 8048
Fjortoft, R. *see* Sery, F. 58437
Flach, G. Automatic generation of declination profiles [speech analysis] 34679
Flachmann, U. *see* Barthlein, W. 9745
Flachsbart, B. *see* Sengupta, D.K. 27579
Flack, F. *see* Micovic, M. 735
Flack, R.D. *see* Allaire, P.E. 50876
Flack, T.J. *see* Baholo, B. 9239
Flack, W.W., Flores, G.E., Christensen, L., Newman, G. An investigation of the properties of photosensitive polyimide films 2552
Flacker, A. *see* Almeida, A.M. 1878
Fladung, W., Rost, R. Application and correction of the exponential window for frequency response functions 56434
Flagello, D.G., Geh, B. Lithographic lens testing: analysis of measured aerial images, interferometric data and photoresist measurements 2490
Flaherty, J.E. *see* Foos, J.S. 28080
Flaherty, J.E. *see* Givoli, D. 52598
Flaherty, J.P., Kelley, M.C., Seyler, C.E., Fitzgerald, T.J. Simultaneous VHF and transequatorial HF observations in the presence of bottomside equatorial spread F 24483
Flaig, J., Hamann, U., Weitzel, J. Memory IC with contactless interface, CombiCard IC: great prospects for smart cards 31264
Flair, W.D., Brandt-Pearce, M. On the probability distribution of monopulse measurements in the presence of sea-surface induced multipath 48092
Flake, L.R., Ahalt, S.C., Krishnamurthy, A.K. Detecting anisotropic scattering with hidden Markov models 58435
Flament, O., Autran, J.L., Roche, P., Leray, J.L., Musseau, O., Truche, R., Orsier, E. Enhanced total dose damage in junction field effect transistors and related linear integrated circuits 23013
Flament, O. *see* Autran, J.L. 22841
Flament, O. *see* Brisset, C. 22845
Flammia, G. On the Internet, software should be milked, not brewed 16346
Flanagan, J. *see* Ea-Ee Jan 15242
Flanagan, J. *see* Lin, Q. 15117
Flanagan, J.A. *see* Popovic, R.S. 7309
Flanagan, J.L. *see* Rabinkin, D.V. 21704
Flanders, L. *see* Thompson, P. 40390
Flandre, D. *see* Colinge, J.P. 21918
Flandre, D. *see* Dessard, V. 11573
Flandre, D. *see* Francis, P. 2678
Flandre, D. *see* Gentinne, B. 2674
Flandre, D. *see* Russo, G.V. 18137
Flandre, D. *see* Viviani, A. 21761
Flandrin, P. On time-frequency and wavelet methods 49378
Flandrin, P. *see* Chassande-Mottin, E. 45780
Flandrin, P. *see* Duvaut, P. 25140
Flandrin, P. *see* Michel, O. 4771
Flanegan, M. *see* Jackson, G.L. 49856
Flanegan, M. *see* LaBel, K.A. 49857
Flanigan, B.J. *see* Carroll, J.E. 14135
Flannery, A.F. *see* Reay, R.J. 23023
Flather, R.A. *see* Davenport, I.J. 50208
Flatland, R.Y., Stewart, C.V. Extending rectangular range reporting with query sensitive analysis 15502
Flatland, R.Y. *see* Stewart, C.V. 15826
Flatley, J.E. *see* McGregor, D.S. 37323
Flatley, M. *see* Greason, W.D. 24348
Flatley, M.W. *see* Greason, W.D. 38431
Flatley, M.W. *see* Greason, W.D. 55963
Flatte, M.E. *see* Cheong, H.M. 42213
Flatte, M.E. *see* Grein, C.H. 48525
Flatte, M.E. *see* Jang, D.-J. 42133
Flattley, M.W. *see* Greason, W.D. 36482
Flavell, A. *see* Ulgen, F. 56825
Flavell, W.R. *see* Yates, H.M. 40653
Flaviis, F.De *see* De Flaviis, F.
Flavin, C. *see* Lenssen, N. 8990
Flavin, D.A., McBride, R., Jones, J.D.C. Short optical path scan interferometric interrogation of a fibre Bragg grating embedded in a composite 36633
Flechtner, D., Golkowski, Cz., Kerslick, G.S., Nation, J.A., Schacter, L. Characteristics of ferroelectric electron emission 1904
Flechtner, D. *see* Golkowski, C. 12113
Flechtner, F. *see* Bedrich, S. 28559
Fleck, B., Wenke, L. Applications of photoanisotropic polymer films in optical information processing and as nonlinear optical storage media 43924
Fleck, B., Wenke, L. Investigations of azo-dye doped polymer films with respect to an application in optical signal processing using Fourier holograms 44822
Fleck, B. *see* Rehn, H. 4071
Fleck, B. *see* Rehn, H. 55925
Fleck, E. *see* Wahle, A. 35754
Fleck, E. *see* Wegner, S. 8044
Fleck, E. *see* Wegner, S. 59553
Fleck, I. Laser cut stencils control solder volumes for no clean paste printing 53764
Fleck, M.M. *see* Forsyth, D.A. 25467
Fleck, M.M. *see* Malik, J. 57316
Fleck, M.M. *see* Stevenson, D.E. 25477
Fleckenstein, V., Huber, U. Hardware testing fine-tuned [GSM base transceiver station] 16563
Fleddermann, C.B. *see* Cavazos, T.C. 1701
Fleddermann, C.B. *see* Grabowski, C. 54003
Fleddermann, C.B. *see* Ruby, D.S. 39023
Fleek, A. *see* Camp, W.O., Jr. 47601
Fleetwood, D.M., Riewe, L.C., Schwank, J.R., Witczak, S.C., Schrimpf, R.D. Radiation effects at low electric fields in thermal, SIMOX, and bipolar-base oxides 22954
Fleetwood, D.M. *see* Johnson, M.J. 42998
Fleetwood, D.M. *see* Schmidt, D.M. 22789
Fleetwood, D.M. *see* Warren, W.L. 23105
Fleetwood, D.M. *see* Witczak, S.C. 22792
Fleetwood, R.M. *see* Judy, D.C. 28021
Flegontov, Yu.A. *see* Poletaeva, A.I. 23639
Flegontova, E.Yu. *see* Golikov, Yu.K. 44967
Flehinger, B.J., Reiser, B., Yashchin, E. Inference about defects in the presence of masking 10213
Fleig, J., Jamnik, J., Maier, J., Ludvig, J. Inductive loops in impedance spectroscopy caused by electrical shielding 17734
Fleischer, B.M. *see* Narayanan, V. 11346
Fleischer, C. *see* Rinn, R. 57375
Fleischer, D.L., Hatalis, M.K. Analysis of scanners for TFT-LCD 17690
Fleischer, K.R., Parise, G. DC auxiliary power system minimum and arcing ground faults in industrial facilities 39443
Fleischer, M., Seth, M., Kohl, C.-D., Meixner, H. A study of surface modification at semiconducting Ga_2O_3 thin film sensors for enhancement of the sensitivity and selectivity 36755
Fleischer, M., Seth, M., Kohl, C.-D., Meixner, H. A selective H_2 sensor implemented using Ga_2O_3 thin-films which are covered with a gas-filtering SiO_2 layer 36756
Fleischer, M. *see* Frank, J. 12685
Fleischer, M. *see* Jonda, S. 27714
Fleischer, M. *see* Reti, F. 17592
Fleischer, S.B. *see* Nelson, L.E. 3729
Fleischheuer, H.-P. DSOs: low cost real time operation with high-speed oversampling 27771
Fleischman, S.D. *see* Panescu, D. 59758
Fleischman, S.D. *see* Panescu, D. 59759
Fleischman, S.D. *see* Panescu, D. 59760
Fleischmann, P., Sabelka, R., Stach, A., Strasser, R., Selberherr, S. Grid generation for three-dimensional process and device simulation 13107
Fleischmann, P., Selberherr, S. A new approach to fully unstructured three-dimensional Delaunay mesh generation with improved element quality 10575
Fleishman, C. *see* Drezek, R. 59530
Fleishon, N. *see* Harris, J.G. 20685
Fleissner, J. *see* Czotscher, K. 3882
Fleissner, J. *see* Czotscher, K. 55694
Fleissner, J. *see* Sah, R.E. 14228
Fleissner, J. *see* Weisser, S. 23957
Fleitz, P.A., Sutherland, R.L., Tang, N., Li, W., Yu, L. Z-scan measurements on substituted thiophene oligomers 24216
Fleitz, P.A. *see* McLean, D.G. 24220
Fleming, D.L. *see* Chun, C.S.L. 17510
Fleming, J.G., Roherty-Osmun, E., Custer, J.S. Growth and properties of W-Si-N diffusion barriers deposited by chemical vapor deposition 42261
Fleming, J.S., Alaamer, A.S. Influence of collimator characteristics on quantification in SPECT 37745
Fleming, M. *see* Belytschko, T. 540
Fleming, M. *see* Syverson, W. 42454
Fleming, P. *see* Batchelor, A. 34049
Fleming, P.J. *see* Fonseca, C.M. 10390
Fleming, R.J., Henriksen, M., Holboll, J.T. The influence of pre-conditioning on space charge formation in LDPE 2969
Fleming, R.J. *see* Bambery, K.R. 54966
Flemish, J. *see* Burke, T. 32386
Flemish, J.R., Xie, K., McLane, G.F. Dry etching of SiC for advanced device applications 22586
Flemish, J.R. *see* Burke, T. 51401
Flemish, J.R. *see* Caleca, M.A. 42376
Flemish, J.R. *see* Lareau, R.T. 12333
Flemish, J.R. *see* Ren, F. 22589
Flemming, M.T. *see* Roy, P.K. 43322
Flemsaeter, B. *see* Bezaguet, A. 49013
Flerackers, E., Van Reeth, F., Tombal, J. Locating line breaks in line-transmission systems 5967
Flesch, J., Thuijsman, F., Vrieze, O.J. Recursive repeated games with absorbing states 10280
Fleshler, S. *see* Li, Q. 43766
Fleshner, N. *see* Feleppa, E.J. 18353
Fleshner, N. *see* Feleppa, E.J. 37719
Flesia, C. *see* Capozzi, V. 12401
Flesia, C. *see* Mannoni, A. 27089
Fletcher, G.C.L., Shanks, C.R., Selcon, S.J. The validation of an explanatory tool for data-fused displays for high technology future aircraft 18614
Fletcher, J. *see* Harvey, E.C. 14504
Fletcher, J.E., Williams, B.W., Green, T.C. DSP control of a synchronous reluctance motor 51703
Fletcher, J.E. *see* Holliday, D. 51002
Fletcher, P. Single chip codec brings advanced multimedia to PCs 26407
Fletcher, P.N., Wicks, A.E., Dean, M. Improvement of coupling corrected difference beams in small phased arrays 45428
Fletcher, P.N. *see* Auchterlonie, L.J. 45136
Fletcher, P.N. *see* Darwood, P. 34391
Fletcher, R. Force transduction materials for human-technology interfaces 17799
Fletcher, R. IBM VoiceType software 45697
Fletcher, R. *see* Brown, R.E. 8887
Fletcher, R. *see* Brown, R.E. 50559
Fletcher, W.H., Al-Akaidi, M.M. Dithered non-linear and adaptive re-quantising of speech 45707
Fleurent, C., Ferland, J.A. Hybrid genetic algorithms for combinational optimisation 21091
Fleurial, J.-P., Borshchevsky, A., Caillat, T., Morelli, D.T., Meisner, G.P. High figure of merit in Ce-filled skutterudites 31911
Fleurial, J.-P., Caillat, T., Borshchevsky, A. Low thermal conductivity skutterudite materials for high

performance thermoelectric power generation 20069
Fleurial, J.-P. *see* Baoxing Chen 31925
Fleurial, J.-P. *see* Borshchevsky, A. 31915
Fleurial, J.-P. *see* Caillat, T. 10651
Fleurial, J.-P. *see* Caillat, T. 20067
Fleurial, J.-P. *see* Caillat, T. 31913
Fleurial, J.-P. *see* Caillat, T. 31918
Fleurial, J.-P. *see* Vandersande, J.W. 31118
Fleurov, V.B., Lawson, C.M., Brown, D., Dergachev, A.Yu., Mirov, S.B., Lindquist, R.G. Low-coherence reflectometry based on DFWM in a thin liquid layer 24225
Fleurov, V.B., Lawson, C.M., Gale, D.C., Gray, G.M. Nonlinear optical characterizations of metal-organic complexes with a wavelength tunable color center laser 24215
Fleurov, V.B. *see* Izatt, J.R. 44343
Fleurov, V.B. *see* Mirov, S.B. 33451
Fleury, A., Barla, K., Levy, D., Kwakman, L. RCA optimisation for sub-0.5 μm CMOS technologies 43269
Fleury, A. *see* Tardif, F. 42453
Fleury, B.H. An uncertainty relation for WSS processes and its application to WSSUS systems 14773
Fleury, L. *see* Leger, A. 18651
Fleury, P., Ebrahimi, T. Image quality prediction for bit rate allocation 15605
Fleury, X. *see* Lemaire, J.L. 49167
Flevaris, N.K. *see* Poulopoulos, P. 32824
Flewelling, R. *see* Brown, B.H. 18454
Flexer, A. *see* Magdolen, J. 59701
Figlelski, T., Wosiński, T., Vitusevich, S.A., Belyaev, A.E., Makosa, A., Dobrowolski, W. Quantum interference of electrons transmitted throughout a double-barrier resonant tunnelling structure under a perpendicular magnetic field 43161
Flickinger, J.C., Pollock, B.E., Kondziolka, D., Lunsford, L.D. A dose-response analysis of arteriovenous malformation obliteration after radiosurgery 59765
Flicstein, J., Mba, J., Lescaul, B., Vitel, Y., Ossart, P., Licoppe, C. SiON large area deposition with a deep-UV flash argon/krypton lamp array 897
Flicstein, J. *see* Vieu, C. 40622
Fliege, N.J. *see* Karp, T. 15298
Flieger, R. ELO-Power contact system for cars: one connector for all applications 31563
Flieller, A., Larzabal, P., Clergeot, H. Study of ambiguities in array manifold: a general framework 4688
Flieller, D. *see* Barrenscheen, J. 60707
Flierl, R. *see* Worz, M. 12354
Flietner, B. *see* Geistlinger, H. 27718
Flietner, B. *see* Muller, K.P. 41164
Flietner, H. *see* Angermann, H. 2374
Fliflet, A.W., Manheimer, W.M., Sprangle, P.A. Low-voltage infrared free-electron lasers based on gyrotron-powered RF wigglers 55745
Fliflet, A.W. *see* Fischer, R.P. 12103
Fliflet, A.W. *see* Gold, S.H. 7720
Flikkema, P.G., Shyam, G.B., Hariprasad, J. Template-based simulation in digital wireless communication 20524
Flikkema, P.G. *see* Sperandio, J.C. 47528
Flinchbaugh, B.E., Olson, T.J. Autonomous video surveillance 58577
Flinchbaugh, G.D. *see* Moyer, S.L. 48238
Flinn, D.G. *see* Yu, D.C. 8956
Flinn, P. *see* Witvrouw, A. 42790
Flint, A. MCM test vectors from logic simulation 1873
Flint, A. Three different MCMs, three different test strategies 31671
Flint, A. The transformation of multichip module logic simulation results into test vectors suitable for application on automatic test equipment 53850
Flint, A. *see* Omer, A. 22105
Flint, A. *see* Trent, J.R. 53886
Flint, J.R. System design and aircraft integration 18629
Flint, K.D. *see* Stone, C.E. 8631
Flippo, O.E. *see* Crama, Y. 53777
Flipse, M.C. *see* Jager, M. 4035
Flipse, M.C. *see* Jager, M. 24075
Flisowski, Z., Kosztaluk, R. Lightning imposed dielectric stress on insulation of distribution lines with insulated conductors 60410
Fliss, G.G. *see* Burns, J.W. 36243
Fliss, G.G. *see* Vogt, R.C. 36248
Floater, M.S. On zero curves of bivariate polynomials 512
Floater, M.S. An $O(h^{2n})$ Hermite approximation for conic sections 30573
Floater, M.S., Iske, A. Multistep scattered data interpolation using compactly supported radial basis functions 631
Flocchini, P. *see* Alimonti, P. 6143
Floch, A.Le *see* Le Floch, A.
Floch, H.Le *see* Le Floch, H.
Floch, J.-L.Le *see* Le Floch, J.-L.
Floch, J.M. Training examples for MMIC design 11732
Floch, J.M. *see* Castel, X. 24565
Flockton, S.J., Yang, D., Scruby, G.J. Performance surfaces of blind source separation algorithms 34752
Flockton, S.J. *see* Yang, D. 25120
Flodin, J., Kildal, P.-S., Kishk, A. Moment method design of a large S/X band corrugated horn 34343
Flodin, J. *see* Rubinos-Lopez, J.O. 36299
Flodstrom, A. *see* Yu, Z. 40607
Flohr, H. *see* Kolev, N. 19684
Flohr, T. *see* Buchalla, H. 2964
Flohr, U. Global video village 7034
Flokstra, J. *see* le Grand, J.B. 32915
Flolo, R. *see* Gjengedal, T. 8848
Flolo, R. *see* Gjerde, J.O. 8760
Flom, S.R. *see* Pong, R.G.S. 4090
Flood, D.J. *see* Jain, R.K. 51575
Flood, R.D. *see* Ryan, W.B.F. 16986
Flora, F. *see* Bollanti, S. 3704
Flora, F. *see* Bollanti, S. 13937
Flora, F. *see* Lisi, N. 44340
Florack, L. Data, models, and images 56937
Florack, L.M.J. *see* Niessen, W.J. 46318
Florack, L.M.J. *see* Niessen, W.J. 46420
Floreby, L. A multiscale algorithm for closed contour matching in image sequence 5313
Floreby, L., Salomonsson, G. Restoration of radial optical flows in echocardiographic sequences 18294
Florence, D. Environmental supervision in the vicinity of nuclear power stations 49825
Florence, W.Hu., Chan, Y.M., Webb, D.P., Chan, Y.C., Lam, Y.W. Analysis of the infrared transmission data of hydrogenated amorphous silicon film fabricated by high rate PECVD 52784
Florencio, D.A.F., Armitano, R.M., Schafer, R.W. Motion transforms for video coding 57279
Florencio, D.A.F., Schafer, R.W. Perfect reconstructing nonlinear filter banks 15406
Florencio, D.A.F. *see* Armitano, R.M. 25426
Florencio, D.A.F. *see* de Queiroz, R.L. 15982
Florent, O. *see* Guettaf, A. 11383
Flores, A.Campos *see* Campos Flores, A.
Flores, B.C., Chiu, R., Vasquez, R., Jr. Coherent radar imaging of overspread targets using high-resolution phase-coded and frequency-coded waveforms 6960
Flores, B.C., Tariq, S., Son, J.S. Image focus quality indicators for efficient inverse synthetic aperture radar phase correction 6894
Flores, B.C. *see* Son, J.S. 26998
Flores, B.C. *see* Thomas, G. 6895
Flores, B.C. *see* Thomas, G. 26997
Flores, B.C. *see* Unzueta, M. 26943
Flores, B.C. *see* Vasquez, R. 26992
Flores, C. *see* Bourgoin, J.C. 37987
Flores, D., Godignon, P., Vellvehi, M., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. The IBMCT: a novel MOS-gated thyristor structure 12913
Flores, D., Godignon, P., Vellvehi, M., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. Standard and shorted anode non-punch-through emitter switched thyristors 42974
Flores, D., Jorda, X., Vellvehi, M., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. The shorted anode BRT: a MOS-thyristor structure with improved turn-off performance 42978
Flores, D. *see* Godignon, P. 22805
Flores, D. *see* Morvan, E. 42417
Flores, F. *see* Saiz-Pardo, R. 2240
Flores, G.E. *see* Flack, W.W. 2552
Flores, J.Martinet *see* Martinet Flores, J.
Flores, R. *see* Rejon, L. 54965
Flores, R.S. *see* Dodd, P.E. 21691
Flores Filho, A.F. *see* Basak, K. 51049
Flores-Guevara, R., Renault, F., Ostre, C., Richard, P. Maturation of the electroretinogram in children: stability of the amplitude ratio a/b 18405
Floret, F. *see* Gay, N. 54323
Floret, F. *see* Martinuzzi, S. 39018
Florez, M., de la Cruz, W., Teheran, P., Cota, L., Gordillo, G. Low resistance contact to CdTe thin films 39106
Florian, G. *see* Andrew, C. 59625
Florio, J., Jr. *see* Friebele, E.J. 17439
Floriot, D. *see* Blanck, H. 53667
Florjancic, M. *see* Ambrosy, A. 26745
Florjanczyk, M. *see* Malomed, B.A. 14276
Florkowska, B., Furgal, J., Nowak, W., Wlodek, R. Analysis of magnetic field in the space surrounding high voltage overhead line 50596
Florkowska, B., Wlodek, R. Analysis of partial discharges in air using phase-resolved patterns 43461
Floro, J.A., Chason, E. Measuring Ge segregation by real-time stress monitoring during $Si_{1-x}Ge_x$ molecular beam epitaxy 10748
Floro, J.A. *see* Chason, E. 42354
Florou, G. Color image processing using symbolic data analysis 35246
Florou, G., Mohr, R. What accuracy for 3D measurements with cameras? 5091
Flory, C.A., Taber, R.C. High performance distributed Bragg reflector microwave resonator 11667
Flory, C.A., Taber, R.C. High performance distributed Bragg reflector microwave resonator 53531
Flory, F. *see* Janchen, H. 7638
Flory, F. *see* Massaneda, J. 7656
Flory, J.F. Avoiding fiber axial compression fatigue in the design and use of tension members 38099
Flottmann, K., Wipf, S.G. Field enhancement of a superconducting helical undulator with iron 49125
Flotzinger, D. *see* Pfurtscheller, G. 49588
Floudas, C.A. *see* Maranas, C.D. 10401
Floury, G. *see* Cazaux, J.-L. 59897
Floury, N. *see* Le Toan, T. 28677
Floury, N. *see* Rouvier, S. 8390
Flower, B. *see* Kramer, A. 21612
Flower, J.O. *see* Pollock, H. 29912
Flower, J.O. *see* Richardson, K.M. 9189
Flower, J.O. *see* Richardson, K.M. 29782
Flowers, B.G. Interworking tests on 34 Mbit/s encoders-decoders 17052
Flowers, L. *see* Muljadi, E. 20284
Floyd, C.E. *see* Tourassi, G.D. 59564
Floyd, C.E., Jr., Lo, J.Y., Tourassi, G.D., Baker, J.A., Vititoe, N.F., Vargas-Vorack, R. Computer aided diagnosis in thoracic and mammographic radiology 49447
Floyd, C.E., Jr., Tourassi, G.D. Computer aided diagnosis using genetic algorithms and neural networks 57538
Floyd, C.E., Jr. *see* Baydush, A.H. 49508
Floyd, C.E., Jr. *see* Lo, J.Y. 59563
Floyd, H.L., II, Nenninger, B.J. Personnel safety and plant reliability considerations in the selection and use of voltage test instruments 60441
Floyd, P.D. *see* Thibeault, B.J. 23902
Floyd, P.D. *see* Thibeault, B.J. 44569
Floyd, R.E. Manufacturing automation–the role of the generalist 20678
Floyd, V.M., Jr., Terzuoli, A.J., Jr., Gerace, G.C., Auclair, P.J. Application of response surface methodology to radar data compression 36210
Fluck, D., Gunter, P. Cascaded lens waveguiding for efficient second-harmonic generation in $KNbO_3$ 14380
Fluck, D., Gunter, P. Efficient generation of CW blue light by sum-frequency mixing of laser diodes in $KNbO_3$ 44638
Fluck, D., Pliska, T., Gunter, P., Bauer, St., Beckers, L., Buchal, Ch. Blue-light second-harmonic generation in ion-implanted $KNbO_3$ channel waveguides of new design 13671
Fluck, D. *see* Brulisauer, S. 13651
Fluck, D. *see* Brulisauer, S. 14335
Fluck, D. *see* Pliska, T. 33058
Fluck, R., Zhang, G., Keller, U., Weingarten, K.J., Moser, M. Diode-pumped passively mode-locked 1.3 μm Nd:YVO_4 and Nd:YLF lasers using semiconductor saturable absorbers 3773
Fluck, R. *see* Keller, U. 55904
Fluckiger, D., Allred, R. Kalman and uncommon filters 45884
Flueck, A.J. *see* Hsiao-Dong Chiang 50470
Fluegel, B. *see* Woggon, U. 32032
Fluegel, B.D. *see* Levi, D.H. 39101
Fluegel, T. *see* Alexeev, G. 59200
Flueraru, C. *see* Craciun, G. 41897
Fluiter, B.de *see* de Fluiter, B.
Fluitman, J. Microsystems technology: objectives 2869
Fluitman, J.H.J. *see* Burger, G.J. 12834
Fluitman, J.H.J. *see* Imai, S. 58689
Flukiger, R. *see* Dhalle, M. 32894
Fluss, M.J. *see* Huang, H. 54502
Fluss, M.J. *see* Kim, C.-U. 54503
Flusser, J., Suk, T. Invariants for recognition of degraded 1-D digital signals 4826
Flusser, J. *see* Suk, T. 56605
Flykt, M.J. *see* Lindell, I.V. 14528
Flynn, D.S., Sieglinger, B. Formalism for analyzing spatial, spectral, and temporal effects in a hardware-in-the-loop system involving a pixelized projector and a passive imaging sensor 28504
Flynn, D.S. *see* Sieglinger, B. 28515
Flynn, E.G. Helping power transistors keep their cool 189
Flynn, E.G., Johnston, C.N., Lee, S. Surface mount technology heat sinks for D²PAK and D³PAK power semiconductors 52282
Flynn, E.R. *see* Mosher, J.C. 49471
Flynn, G. Collective effects and impedance issues for the SOLEIL project 49223
Flynn, G. *see* Befomestnykh, S. 49247
Flynn, G.W. *see* Tapalian, H.C. 55506
Flynn, J. How to talk to "smart batteries" 19964
Flynn, J.J., Trinkhaus, P. Developments in mine detection 8622
Flynn, J.S. *see* Redwing, J.M. 21271
Flynn, K.M. *see* Dunkers, J.P. 48368
Flynn, M. *see* Yu, A. 46373
Flynn, M.F., Kalmanash, M., Sethna, V. System requirements for head down and helmet mounted displays in the military avionics environment 7506
Flynn, M.J. *see* Fu, S.T. 1460
Flynn, P.J. *see* Cochran, W.O. 15922
Flynn, P.J. *see* Schneider, J.B. 24469
Flynn, T.J. Consistent 2-D phase unwrapping guided by a quality map 8364
Flynn, W.G., Gilg, L. A pragmatic look at wafer-level burn-in: The Wafer-Level Known-Good Die Consortium 2756
Flytzani-Stephanopoulos, M. *see* Krueger, C.W. 12245
Flytzanis, C. *see* Frey, R. 44709
Flytzanis, C. *see* Ricard, D. 24139
Flytzanis, C. *see* Wabnitz, S. 14304
Fnaiech, F. *see* Sayadi, M. 15288
Fnidiki, A. *see* Ravach, G. 3068
Fo, J.Godoy *see* Godoy Fo, J.
Fo, S.G.dos Santos *see* dos Santos Fo, S.G.
Fo-Song Wang *see* Wang Fo-Song
Foam-Zone Hsiao *see* Yi-Hua Fan 51446
Fobelets, K. *see* Thornton, T.J. 42137
Fobes, T. A large pair of twin primes 40082

Focardi, E. The ALEPH vertex detector 59229
Foch, H. *see* Aouda, N. 51352
Foch, H. *see* Fezzani, D. 60934
Fochs, S.N. *see* Zweiback, J. 14077
Fochuk, P. *see* Shcherbin, K. 14463
Focken, B. *see* Tubandt, H.-P. 38254
Fodor, G. *see* Ast, L. 57590
Fodor, G. *see* Szarkowicz, K. 57965
Foerster, A. *see* Klemradt, U. 12283
Foerster, E., Gibbon, P., Dirksmoeller, M. Two-bent-crystal schemes for X-ray imaging of ultra-dense plasmas 7853
Foerster, F. *see* Fahrenberg, J. 59379
Foerster, J.R., Milstein, L.B. Analysis of hybrid, coherent FDMA/CDMA systems in Ricean multipath fading 25891
Foerstner, J. *see* Racanelli, M. 43263
Foerstner, J. *see* Shin, H.C. 42989
Fofana, I. *see* Beroual, A. 23130
Fofanov, Ya.A. *see* Prokshin, A.N. 23470
Fofanova, T., Rival, I., Rutkowski, A. Dimension two, fixed points and dismantlable ordered sets 30490
Fogarty, T.C. *see* Smith, J.E. 53330
Fogarty, T.C. *see* Vavak, F. 10384
Fogel, D.B., Fogel, L.J. Preliminary experiments on discriminating between chaotic signals and noise using evolutionary programming 56482
Fogel, L.J. *see* Fogel, D.B. 56482
Fogelman, I. *see* Patel, R. 7896
Fogg, R.D. Automatic layout of integrated-optic time-of-flight circuits 33103
Foggi, P. *see* de Lisio, C. 55898
Foggia, A. *see* Nabeta, S.I. 50926
Foggia, A. *see* Nabeta, S.I. 50945
Foggia, A. *see* Silva, V.C. 50883
Foggia, P. *see* de Stefano, C. 5384
Fogleboch, J. *see* Kessler, J. 39068
Fogleboch, J. *see* Kessler, J. 39094
Fogler, J. *see* Holland, R. 37649
Foglia, C. *see* Pisani, M.Q. 27265
Fogliani, S. *see* Carra, S. 10639
Foglietti, S.V. *see* Zammit, U. 52923
Foglietti, V., Kuijper, M.P.C., Petrocco, S., Russo, P., Bearzotti, A., Padeletti, G., D'Amico, A. Progress towards development of differential electromechanical micro-calorimeter 58732
Foglietti, V. *see* Maltese, P. 48772
Foglietti, V. *see* Russo, M.V. 58721
Fohr, D. *see* Mari, J.-F. 14972
Fohr, K.J. *see* Mohr, A. 17564
Fois, M., Guuinic, P., Lacabanne, C. Influence of water on dielectric relaxations of a mica-glass fiber/epoxy composite 54878
Foisel, H.-M. *see* Strebel, B. 26749
Fok, B. *see* Lee, T.S. 23102
Fok, S.C. *see* Ong, E.K. 9283
Fok Yiu-Hung *see* Yiu-Hung Fok
Fokin, A.V. *see* Romanov, S.G. 12377
Fokin, S.L. *see* Akimov, V.A. 28024
Fokin, V.N. *see* Sokolov, A.D. 4716
Fokin, Yu.A., Aleksandrov, S.O. A method for calculating the reliability of electrical energy sources in power system development planning 28850
Fokker, P.A., Dijkhuis, J.I., de Wijn, H.W. Stimulated emission of phonons in an acoustical cavity 44408
Fokkink, L.G.J. *see* Young, E.W.A. 58941
Foland, A. *see* Kagan, H. 37508
Foland, A. *see* Shipsey, I. 59232
Foland, A. *see* Spencer, M.B. 59274
Foland, A.D. *see* Hopman, P.I. 37382
Foland, A.D. *see* Ward, C.W. 59224
Folch, A., Servat, J., Esteve, J., Tejada, J., Seco, M. High-vacuum versus "environmental" electron beam deposition 52811
Foldeaki, M. *see* Liu, X.Y. 55027
Foldesy, P., Zarandy, A., Szolgay, P., Sziranyi, T. Real-life application case studies using CMOS 0.8 μm CNN universal chip: analogic algorithm for motion detection and texture segmentation 35105
Foldvari, E.J., Kluft, W., Borger, P. Laser beam diagnostics: the key to metalworking success 24057
Foley, B.M. *see* Schwartz, D.B. 23710
Foley, M. *see* Anderson, H. 10115
Foley, V.G., III *see* Zirnheld, J.L. 51268
Folger, H. *see* Saro, S. 37275
Foliard, J. *see* Hernandez, D. 6700
Folk, J.A. *see* Patel, S.R. 42102
Folkard, M.A. *see* Hartley, R.H. 10740
Folkestad, A., Emstad, P.J. A token based SDP load control scheme 26328
Folkestad, A., Osland, P.-O., Emstad, P.J. On load control for service data points 47270
Folkman, A.G. *see* Sidhu, T.S. 50627
Folkmann, F. *see* Van Elp, J. 37538
Folkmer, B., Steiner, P., Lang, W. A pressure sensor based on a nitride membrane using single-crystalline piezoresistors 17256
Folks, L., Street, R., Woodward, R.C., Babcock, K. Magnetic force microscopy images of high-coercivity permanent magnets 3250
Folks, R.D. *see* Faber, T.L. 37738
Foll, G.Le *see* Le Foll, G.
Follett, R.F., Taylor, R.P. Cryogenic fluid flow modeling at NASA's Stennis Space Center 49854
Folli, M. *see* Marchesini, R. 59447
Folliard, J. *see* Guillemot, P. 27373
Follonier, S., Bosshard, C., Meier, U., Knopfle, G., Serbutoviez, C., Pan, F., Gunter, P. New nonlinear-optical organic crystal: 4-dimethyl-aminobenzaldehyde-4-nitrophenyl-hydrazone 55845
Follonier, S., Bosshard, C., Pan, F., Gunter, P. Photorefractive effects observed in 4-N, N-dimethylamino-4'-N'-methyl-stilbazolium toluene-p-sulfonate 4029
Follstaedt, D.M., Myers, S.M., Petersen, G.A., Barbour, J.C. Cavity nucleation and evolution in He-implanted Si and GaAs 12697
Follstaedt, D.M. *see* Fritz, I.J. 33122
Follstaedt, D.M. *see* Millunchick, J.M. 40384
Follstaedt, D.M. *see* Myers, S.M. 31750
Folsch, J., Stiebig, H., Finger, F., Rech, B., Lundszien, D., Lambertz, A., Wagner, H. Role of bandgap grading for the performance of a-SiGe:H based solar cells 39149
Folsom, T.C., Pinter, R.B. Edge detection from cortical filtering 56835
Folts, E. *see* Heckman, J. 37003
Folts, E. *see* Schneider, W.J. 37005
Foltyn, S.R. *see* Jia, Q.X. 52675
Foltyn, S.R. *see* Jia, Q.X. 54944
Foltyniewica, R., Skoneczny, S., Zarebski, M. Efficient implementation of morphological operations using high order neural networks 57533
Foltyniewicz, R. Automatic face recognition via wavelets and mathematical morphology 5342
Foltyniewicz, R., Skoneczny, S. Pi-Sigma-Pi neural network for invariant recognition of gray scale images 57532
Folz, W.C. *see* Fixsen, D.J. 17008
Fomenko, O.Ya. *see* Kruchinin, A.M. 9730
Fomenkov, I. *see* Morton, R.G. 2481
Fomichev, V.P., Pravdin, S.S. Investigation of discharge in a railgun by means of Rogowski coils 33894
Fomin, B.I. *see* Myasnikov, A.M. 54015
Fomin, V.G. *see* Kolev, D. 54404
Fomin, V.M. *see* Pokatilov, E.P. 2186
Fomin, V.V. *see* Gapontsev, V.P. 13997
Fonash, S.J. *see* Hong Zhu 39140
Fonash, S.J. *see* Jingya Hou 39110
Fonash, S.J. *see* Suntharalingam, V. 2417
Fonash, S.J. *see* Suntharalingam, V. 12949
Foner, S. *see* Thieme, C.L.H. 55107
Fong, C.C.F., Lui, J.C.S., Man Hon Wong Quantifying complexity and performance gains of distributed caching in a wireless network environment 57861
Fong, C.Y. *see* Gubanov, V.A. 12264
Fong, W.C., Chan, S.C., Ho, K.L. Determination of frequency sensitivities for perceptual subband image coding 46430
Fong, W.K. *see* Surya, C. 2672
Fong, W.K. *see* Surya, C. 32434
Fong Li-Wei *see* Li-Wei Fong
Fong Yau Sze *see* Sze Fong Yau
Fong-Chin Su, Haw-Yen Chiu, Sune-Jian Liou, Hsiu-Yun Hsu Evaluation of finger motion impairment by area measurement 7900
Fong-Rong Liu *see* Ching-Hsing Luo 7855
Fonga, H. Pattern recognition in gray-level images by Fourier analysis 35036
Fonga, H. *see* Zribi, M. 5126
Fonjallaz, P.-Y., Limberger, H.G., Salathe, R.P. Bragg gratings with efficient and wavelength-selective fiber out-coupling 33020
Fonollosa, J.A.R. *see* Anton-Haro, C. 25811
Fonollosa, J.R. *see* Anton-Haro, C. 25811
Fonroget, J. *see* Coutand, F. 59547
Fons, P., Niki, S., Yamada, A., Okada, A., Tweet, D.J. Strain-induced diffusion in heteroepitaxially grown $CuInSe_2$ on GaAs substrates 732
Fons, P. *see* Yamada, A. 31924
Fonseca, A.F. *see* Steyer, H.C., Jr. 6258
Fonseca, C.M., Fleming, P.J. On the performance assessment and comparison of stochastic multiobjective optimizers 10390
Fonseca, E.J.S., Gouvela, E.A., Gouvela-Neto, A.S., Hickmann, J.M. Measurements of optical nonlinearities in waveguides with a chirp-scan technique 13670
Fonseca, F.J. *see* Dirani, E.A.T. 38359
Fonseca, F.J. *see* Oliveira, J.J.S. 38390
Fonseca, F.J. *see* Pinheiro, W. 38391
Fonseca, L. *see* Benitez, M.A. 13174
Fonseca, L.F., Rodriguez, R.I. Study of the enhancement effects of composite films on the magneto-optical Kerr effect 13452
Fonseca, N.L.S. *see* Silvester, J.A. 398
Fonseca, V. *see* Krawczynski, H. 37287
Fonseka, J.P. Noncoherent detection with Viterbi decoding for GMSK signals 14831
Fonseka, J.P. *see* Shi, J.J. 6840
Fonstad, C.G., Jr. *see* Wang, H. 55470
Font, G.I., Boyd, I.D. Numerical study of the effects of reactor geometry on a chlorine plasma helicon etch reactor 32211
Font, J. *see* Garcia-Deza, C. 51166
Fontaine, A., Lauzon, J., Vella, P., Duguay, M. Four-channel polymer hybrid demultiplexer operating at 1.55 μm for WDM 16801
Fontaine, A. *see* Pizzini, S. 3191
Fontaine, B. *see* Tassy, I. 13941
Fontaine, B.La *see* La Fontaine, B.
Fontaine, C. *see* Buhleier, R. 33704
Fontaine, C. *see* Iehl, J.L. 33703
Fontaine, I., Cloutier, G., Allard, L. Non-Gaussian statistical property of the ultrasonic Doppler signal downstream of a severe stenosis 49557
Fontaine, J. *see* Bonnet, P. 24455
Fontaine, M., Tzolov, V.P. Modeling of a passive polarization converter free of longitudinally-periodic structure 33066
Fontaine, M. *see* Tzolov, V.P. 33027
Fontaine, R.La *see* La Fontaine, R.
Fontaine, V., Ris, C., Leich, H. Maximum mutual information codebook mapping for discrete hidden Markov models 15064
Fontaine, V., Ris, C., Leich, H. Comparison between two hybrid HMM/MLP approaches in speech recognition 34639
Fontal, B. *see* Lopez-Rivera, S.A. 32816
Fontan, F.P., Gonzalez, J.P., Ferreiro, M.J.S., Castro, A.V., Buonomo, S., Baptista, J.P. Complex envelope three-state Markov model based simulator for the narrow-band LMS channel 47589
Fontan, F.P. *see* Agelet, F.A. 47741
Fontana, F. *see* Dellepiane, S. 26950
Fontana, F. *see* Franco, P. 33688
Fontana, R. *see* Falciai, R. 58823
Fontana, R.E., Jr Process complexity of magnetoresistive sensors: a review 43720
Fontana, S. *see* Bertinetto, F. 13978
Fontana, S. *see* Coluzza, C. 2242
Fontanelli, F. *see* Adam, W. 59267
Fontanelli, R. *see* Guglielmelli, E. 28452
Fontanini, H.R. *see* Galdoz, E.G. 29006
Fontcuberta, J. *see* Seffar, A. 3145
Fonte, P. *see* Crotty, I. 59276
Fonteneau, G. *see* Josse, E. 23527
Fontes, M.B.A., Pilloud, D.L., Farid, R.S., Rabanal, F., Araki, K., Santiago-Aviles, J.J., Dutton, P.L., Toma, H. Detection of NO using Ni-porphyrins and a self-assembled monolayer of hemopeptide as modified electrodes for a silicon integrated microsensor 28081
Fontoura Costa, L.da *see* da Fontoura Costa, L.
Foo, P. *see* Liu, L. 54510
Foo, S., Hui, S.C., Daroy, C.J. MEMail–a heterogeneous multimedia electronic mail system 6018
Foo Han Yang *see* Han Yang Foo
Foo Pangdow *see* Pangdow Foo
Foody, G.M., Arora, M.K. Fuzzy thematic mapping: incorporating mixed pixels in the training, allocation and testing stages of supervised image classifications 57072
Fook Loong Lo, Tung Sang Ng, Yuk, T.T. Performance analysis of a fully-connected, full-duplex CDMA ALOHA network with channel sensing and collision detection 16310
Fooks, M.E. *see* Adam, J. 59352
Foos, J.S., Blake, D.K., Edelman, P.G., Flaherty, J.E., Ruiz, S.B., Tkacik, K., Berger, J. Thick-film oxygen sensor with long use life 28080
Foote, G.S. *see* Davidson, P.M. 49045
Foote, J.T. *see* Jones, G.J.F. 14923
Foote, P.D. *see* Dockney, M.L. 48639
Foran, D.J., Meer, P., Papathomas, T., Marsic, I., Leiguang Gong, Kulikowski, C.A., Trelstad, R.L. Establishing perceptual criteria on image quality in diagnostic telepathology 59481
Forbes, A. *see* van Heerden, S.P. 55802
Forbes, A.B. Model parametrization 58601
Forbes, A.B., Harris, P.M. A comparison of methods used for the calculation of effective area in the calibration of pressure balances 59080
Forbes, D., Robinson, A. Laser wavelength stabilisation using fibre grating 44589
Forbes, D.J. *see* King, J.P. 16750
Forbes, D.V. *see* Kim, Y.D. 21228
Forbes, L., Choi, M.S. 1/f noise in electron devices due to temperature fluctuations in heat condition 2566
Forbes, R.G. Understanding how the liquid-metal ion source works 49271
Forbes, R.G. The liquid metal ion source as an electrically driven vena contracta, and some comments on LMIS stability 59185
Forcella, A. *see* Vatalaro, F. 34076
Forchel, A. *see* Eisert, D. 55638
Forchel, A. *see* Hofling, E. 55613
Forchel, A. *see* Michel, M. 22398
Forchel, A. *see* Ohnesorge, B. 2216
Forcht, K., Colavita, J., Penberthy, W. Internet...an introduction to protocols and sites 35763
Forcier, B., Payne, B. Advanced multilayers utilizing redistribution and 25-100 micron via technology 11909
Forcier, R.A. New and emerging multilayer material technologies 41594
Ford, A.M., Jacobson, R.E., Attridge, G.G. Assessment of a CRT display system 36825
Ford, B. Implementation of the Improved Technical Specifications [nuclear plants] 38545
Ford, C., Etter, D. Wavelet-based interpolation method for nonuniformly sampled signals 25055
Ford, C.J.B. *see* Liang, C.-T. 54190
Ford, D.G. *see* Kolesar, E.S. 27513
Ford, D.H., Barnett, A.M., Hall, R.B., Kendall, C.L., Rand, J.A. High power, commercial Silicon-Film™ solar cells 39014
Ford, D.H. *see* Ingram, A.E. 39208
Ford, G. *see* Samavedam, S.B. 726
Ford, G.E. *see* El-Faliah, A.I. 57185
Ford, G.E. *see* Murphy, P.A. 6659
Ford, G.E. *see* Murphy, P.A. 47605

Ford, H.D. *see* Huang, J.-R. 36927
Ford, H.D. *see* Huang, J.-R. 48866
Ford, H.D. *see* Jen-Rong Huang 27594
Ford, J. *see* Racanelli, M. 43263
Ford, J. *see* Shin, H.C. 42989
Ford, J.E., Krishnamoorthy, A.V., Tsuda, S., Knox, W.H., Nuss, M.C., Miller, D.A.B. WDM/SDM fiber network design for the AMOEBA optoelectronic switch 36176
Ford, J.E., Walker, J.A., Nuss, M.C., Miller, D.A.B. 32 channel WDM graphic equalizer 36154
Ford, J.E. *see* Cunningham, J.E. 33116
Ford, J.E. *see* Krishnamoorthy, A.V. 33185
Ford, J.E. *see* Krishnamoorthy, A.V. 47488
Ford, J.M., Woodward, S.H., Sullivan, E.V., Isaacks, B.G., Tinklenberg, J.R., Yesavage, J.A., Roth, W.T. N400 evidence of abnormal responses to speech in Alzheimer's disease 18412
Ford, J.M. *see* Babcock, J.A. 41526
Ford, K.M., Coffey, J.W., Canas, A., Turner, C.W., Andrews, E.J. Diagnosis and explanation by a nuclear cardiology expert system 37714
Ford, M. *see* Carroll, S. 20506
Ford, M.J. *see* Lewin, P.L. 43519
Ford, M.L. *see* Onda, M. 58233
Ford, M.R. *see* Sidman, R.D. 28374
Ford, R. *see* Bhasavanich, D. 33878
Ford, R.E. Lessons learned from using GIS/RS as an integrative tool for interdisciplinary learning and teaching in a senior-level capstone course on global change at Westminster College of Salt Lake City 96
Ford, S.J. *see* Hong, B.S. 36831
Ford, S.J. *see* Hsieh, G. 48818
Ford, W. *see* Singh, V.K. 40562
Ford, W.F., Pennline, J.A. Accelerated convergence in Newton's method 40148
Ford, W.T. *see* Arai, Y. 37267
Ford, W.T. *see* Arai, Y. 37268
Forde, C. The architecture and analysis of the XK8 electrical system 29853
Fordham, D. Development in display technology [for naval ship command and control systems] 60155
Fordham, O. *see* Ming-Ju Tsai 45279
Fordran, U. *see* Blumel, D. 9667
Forella, J.F. Flash memory mass storage technology tradeoffs 1377
Foreman, R. Procurement guides and the work of the JTFPE 38453
Foreman, R.D. *see* Berg, S.V. 16143
Foreman, R.J. *see* Wagner, A.V. 30950
Foreman, R.J. *see* Wagner, A.V. 39240
Foresi, J.S. *see* Agarwal, A.M. 3437
Foresman, T.W., Estes, J.E., Garegnani, J.J., Porter, D.L. Remote sensing and core data needed to support planning and policy decision making 18941
Forest, C.A. *see* Gurd, E.D. 18981
Forest, F.W., Richie, J.E. On the selection of boundary conditions as applied to smooth surface cylinder scatterers 33949
Forest, L.de *see* de Forest, L.
Foresti, G.L., Murino, V., Regazzoni, C.S., Trucco, A. A voting-based approach for fast object recognition in underwater acoustic images 48132
Foresti, G.L., Regazzoni, C.S. A Hough-based matching of 2D line segments in a monocular image sequence 57164
Foresti, G.L. *see* Murino, V. 5536
Foresti, G.L. *see* Regazzoni, C.S. 5426
Forestier, B. *see* Tassy, I. 13941
Forgacs, L., Darday, V. Position and importance of the clinical engineering education in Hungary 18169
Forger, G. Sony trims labor needs, improves ergonomics with an AGV 20852
Forges, F., Minelli, E. A property of Nash equilibria in repeated games with incomplete information 40017
Forghieri, F. Scaling WDM networks: two options for 100 Gb/s 36146
Forghieri, F. Modeling the performance of WDM lightwave systems 47926
Fork, D.K. *see* Mei, P. 2693
Forkey, J.N., Lempert, W.R., Miles, R.B. Observation of a 100-MHz frequency variation across the output of a frequency-doubled injection-seeded unstable-resonator Q-switched Nd:YAG laser 44425
Forlani, G., Pinto, L., Trebeschi, A. Measuring ground control points by l.s. matching 60096
Forlani, G. *see* Bernasconi, V. 47637
Forma, G., Laheurte, J.M. CPW-fed oscillating microstrip antennas 34275
Forman, M.L. *see* Troendly, G.M. 8276
Formella, A. *see* Agelet, F.A. 47741
Formesyn, B.C.H. *see* Elmer, P.M. 36327
Formica, M. *see* Baraglia, R. 47146
Formigoni, E. *see* Paccagnell, A. 22472
Formisano, A., Martone, R., Villone, F. Optimization of the magnetostatic field in SMES devices 51628
Formoso, A. *see* Dufour, J. 935
Fornaca, S. *see* Shoucri, M. 18643
Fornaciari, W., Gubian, P., Sciuto, D., Silvano, C. A conceptual analysis framework for low power design of embedded systems 21422
Fornara, P., Poncet, A. Modeling of local reduction in $TiSi_2$ and $CoSi_2$ growth near spacers in MOS technologies: influence of mechanical stress and main diffusing species 43238
Fornari, R., Gilioli, E., Moriglioni, M., Thirumavalavan, M., Zappettini, A. A study of iron incorporation in LEC-grown indium phosphide 12656
Fornaro, G., Franceschetti, G., Lanari, R. A new efficient solution for DEM generation in interferometric SAR processing 18813
Fornaro, G., Franceschetti, G., Lanari, R., Rossi, D., Tesauro, M. Finite element for interferometric SAR phase unwrapping 48075
Fornaro, G., Franceschetti, G., Lanari, R., Sansosti, E. A theoretical analysis on the robust phase unwrapping algorithms for SAR interferometry 8361
Fornaro, G., Franceschetii, G., Lanari, R., Sansosti, E. Robust phase-unwrapping techniques: a comparison 25258
Fornaro, G. *see* Coltelli, M. 28608
Fornasini, P. *see* Dalba, G. 7846
Fornel, B.De *see* De Fornel, B.
Fornel, F.de *see* de Fornel, F.
Fornerod, J.-C. *see* Erlandson, A.C. 23841
Fornes, J.A., Procopio, J., Sartorelli, J.C. Evidence for multipolar charge distribution in falling water drops 4189
Forney, G.D., Jr., Brown, L., Eyuboglu, M.V., Moran, J.L., III The V.34 high speed modem standard 26405
Forney, G.D., Jr., Johannesson, R., Zhe-Xian Wan Minimal and canonical rational generator matrices for convolutional codes 24699
Forney, G.D., Jr., Vardy, A. Generalized minimum-distance decoding of Euclidean-space codes and lattices 24708
Forney, J.E. *see* LaBel, K.A. 43327
Forney, P. *see* Targ, R. 27088
Forni, B. *see* Pennell, M. 21820
Forni, W.R. *see* Parsi, K. 3208
Fornier, J., De Meyere, A., Pauwels, H. Homogeneous switching in antiferroelectric liquid crystal displays 48765
Fornier, J., De Meyere, A., Pauwels, H. Grey level control through thickness variations in antiferroelectric LCD's 48773
Fornier, J. *see* De Meyere, A. 32766
Fornies-Marquina, J.M., Letosa, J., Garcia-Gracia, M., Artacho, J.M. Error propagation for the transformation of time domain into frequency domain 45069
Fornies-Marquina, J.M. *see* Garcia-Gracia, M. 44879
Foroozan, S. *see* Brewer, J.C. 18721
Foroozan, S. *see* Lurie, C. 18722
Foroozesh, M. Protecting your data with cryptography 4483
Forouhi, A.R., Bloomer, I., Li, G. Optical characterization of indium tin oxide 17674
Forrai, S. Hierarchical control concept for switched reluctance motors based on fuzzy logic–variable structure approach 60714
Forrai, S., Viorel, I.A. Current waveform optimization for switched reluctance motors based on neural networks 60713
Forrest, D.J. *see* Lynch, S.P. 59359
Forrest, J. *see* Edwards, M.D. 31192
Forrest, L., O'Key, M.A., Osborne, M.R., Musk, R.W., Spicer, P. Laser machining of fibre lenses 55205
Forrest, L. *see* King, L. 41216
Forrest, S. *see* Taylor, R. 58267
Forrest, S.R. *see* Burrows, P.E. 7508
Forrest, S.R. *see* Burrows, P.E. 7514
Forrest, S.R. *see* Burrows, P.E. 55464
Forrest, S.R. *see* Garbuzov, D. 12350
Forrest, S.R. *see* Gu, G. 36811
Forrest, S.R. *see* Gu, G. 55435
Forrest, S.R. *see* Hirose, Y. 22440
Forrest, S.R. *see* Kendrick, C. 2092
Forrest, S.R. *see* Lange, M.J. 17465
Forrest, S.R. *see* Taylor, R.B. 36573
Forrest, S.R. *see* Xu, L. 55693
Forrest, S.R. *see* Yu, S. 55471
Forsberg, F., Oung, H. Comparison of time-frequency distributions for Doppler spectral estimation 28190
Forsberg, F., Wu, Y.Q., Makin, I.R.S., Srinivasan, J., Wenhua Wang, Wheatley, M.A. In vitro and in vivo characterization of a new surfactant stabilized ultrasound contrast media 18346
Forsberg, F. *see* Shankar, P.M. 7980
Forse, D. Statistical tolerancing for optics 157
Forshaw, A.N. *see* Tribe, W.R. 41901
Forsman, K., Kettunen, L. Hybrid and integral formulations for 3D eddy current problems 44941
Forsman, K., Kettunen, L., Raugi, M. Influence of the discrete spaces on integral equation formulations 44871
Forsman, K. *see* Ikaheimo, J. 44932
Forsman, K. *see* Lehtinen, M. 59712
Forssen, L. *see* Lindgren, S. 33542
Forssen, U. *see* Anderson, S. 35955
Forst, J. *see* DeCesaris, C. 28702
Forster, A., Guderian, A., Zeyer, K.-P., Dechert, G., Schneider, F.W. Stochastic resonance and time advance coding in chemical reactions 15223
Forster, A. *see* Bertuccio, G. 37575
Forster, A. *see* Juttner, B. 22146
Forster, A. *see* Lachenmann, S.G. 23419
Forster, A. *see* Lachenmann, S.G. 43807
Forster, A. *see* Qing Hu 13050
Forster, A. *see* Schmidt, T. 43158
Forster, B. *see* Yunhan Dong 6889
Forster, D. *see* Puri, R.R. 23723
Forster, F.K. *see* Brody, J.P. 17556
Forster, H. *see* Schwierz, F. 31510
Forster, J. *see* Dixit, G.A. 42665
Forster, M., Kassa, R., Kiel, E., Muller, V. A design and testing environment for the software of the VeCon control processor 61214
Forster, R., Gmelin, E. Thermal conductivity and diffusivity measurements in the sub-μm and sub-μs scale on centimeter area samples using a microthermocouple 7292
Forster, R.J., Gloag. A., Langford, N. Impedance matching of all-fibre resonators 13615
Forster, R.J., Gloag, A., Langford, N., McCallion, K. Stable narrow linewidth operation of an erbium fiber ring laser using an intracavity etalon formed from chirped Bragg reflectors 23805
Forster, R.J., Langford, N. Longitudinal mode control of a narrow-linewidth fiber laser by use of the intrinsic birefringence of the fiber laser 3719
Forster, R.R., Isacks, B.L., Das, S.B. Shuttle imaging radar (SIR-C/X-SAR) reveals near-surface properties of the South Patagonian Icefield 28654
Forstner, P. Time measurements for high-speed digital circuits. 2 21553
Forstner, P. Time measurements on fast integrated circuits. I 22920
Forsyth, A.J. *see* Gregory, R.I. 51236
Forsyth, D.A., Fleck, M.M. Identifying nude pictures 25467
Forsyth, D.A. *see* Malik, J. 57316
Forsyth, D.S. *see* Schindel, D.W. 60122
Forsyth, M. *see* MacFarlane, D.R. 23586
Forsythe, E.W. *see* Tompa, G.S. 10888
Forsythe, S.E. *see* Piquette, J.C. 32664
Fort, A., Ismaelli, A., Manfredi, C., Bruscaglioni, P. Parametric and non-parametric estimation of speech formants: application to infant cry 8019
Fort, A. *see* Alain, V. 24162
Fort, A. *see* Stahelin, M. 14302
Forte, A.R. *see* Rorhschild, M. 22735
Forte, P., Greenhill, D. Multiscale shape equivalence 5002
Forte, P. *see* Greenhill, D. 5652
Forte, P. *see* Preston, A. 46038
Forte-Poisson, M.A.Di *see* Di Forte-Poisson, M.A.
Fortea-Laguna, S. *see* Palsson, H. 46844
Fortes, B.V. *see* Lukin, V.P. 24258
Fortes, D.V. *see* Fortes, V.V. 24617
Fortes, F. *see* Vaz, J.C. 41487
Fortes, J.M.P. A closed loop ML algorithm for phase aberration correction in phased array imaging systems. I. Algorithm synthesis and experimental results [Ultrasound medical imaging] 59413
Fortes, J.M.P. A closed loop ML algorithm for phase aberration correction in phased array imaging systems. II. Performance analysis [Ultrasound medical imaging] 59414
Fortes, V.V., Fortes, D.V. Physical principles and methodology for investigating the frequency selective properties of randomly inhomogeneous channels with discrete opaque inhomogeneities 24617
Fortgang, C.M. *see* Fazio, M.V. 33353
Forti, C. *see* Andryakov, A. 37226
Forti, F. *see* Baticnani, G. 7810
Forti, F. *see* Batignani, G. 7811
Forti, F. *see* Batignani, G. 59329
Forti, M. *see* Fantacci, R. 16045
Fortier, P. *see* Claveau, F. 17804
Fortier, P. *see* Fu, R.-B. 41342
Fortier, P. *see* Chouinard, J.-Y. *(editor)* 42
Fortin, B. *see* Le Bihan, F. 12197
Fortin, B. *see* Salaun, A.-C. 12985
Fortin, C. *see* Duchet, C. 33123
Fortin, C. *see* Penninckx, D. 58297
Fortin, E. *see* Benson, E. 22267
Fortin, E. *see* Broussell, I. 44169
Fortin, J., Chevretre, P. Realization of a fast microscanning device for infrared focal plane arrays 19015
Fortin, J. *see* Bolduc, P. 19013
Fortin, J. *see* Chevrette, P. 17529
Fortin, M., Geng Yang, Perreal, Y. Simulation of the hydrodynamic model of semiconductor devices by a finite element method 12855
Fortmann, C.M. *see* Winz, K. 39152
Fortov, V.E. *see* Ostashev, V.E. 33903
Fortuna, G., Bisoffi, G., Facco, A., Lombardi, A., Palmieri, V., Pisent, A., Porcellato, A.M. Status of ALPI and related developments of superconducting structures 49069
Fortuna, G. *see* Dainelli, A. 49138
Fortuna, G. *see* Lombardi, A. 37117
Fortuna, G. *see* Palmieri, V. 49140
Fortuna, L. *see* Arena, P. 1097
Fortuna, L. *see* Arena, P. 4655
Fortunato, B., Mummolo, G. Technical-economic optimization of a wind power plant by means of a stochastic analytical model 60613
Fortunato, B. *see* Camporeale, S. 19577
Fortunato, E., Lavareda, G., Martins, R., Soares, F., Fernandes, L. From intelligent materials to smart sensors 17484
Fortunato, E. *see* Martins, R. 51573
Fortunato, E. *see* Topic, M. 48533
Fortunato, E.M.C. *see* Martins, R.F.P. 17354

Fortunato, G. Analysis of hot-carrier effects, "kink" effect and low frequency noise in polycrystalline silicon thin-film transistors 12983
Fortune, J.A.B., Crawshaw, S.A.M. Developments in the application of underground battery vehicles in the UK coal mining industry 20288
Fortune, S. A beam-tracing algorithm for prediction of indoor radio propagation 4261
Fortuny, J., Sieber, A.J. Adaptive SAR image creation 16957
Fortuny, J. *see* Nardone, P. 24462
Forysiak, W., Moloney, J.V., Wright, E.M. Nonlinear focusing of femtosecond pulses as a result of self-reflection from a saturable absorber 44710
Forysiak, W. *see* Devaney, J.F.L. 58343
Forysiak, W. *see* Smith, N.J. 6718
Forysiak, W. *see* Smith, N.J. 33650
Forzan, M. *see* Dughiero, F. 51841
Forzelius, E. *see* Lindgren, S. 33542
Fosang Wang *see* Biying Huang 9520
Foschini, G.J. Layered space-time architecture for wireless communication in a fading environment when using multi-element antennas 47552
Fosgate, C.H., Krim, H., Irving, W.W., Karl, W.C., Willsky, A.S. Multiscale segmentation and anomaly enhancement of SAR imagery 27065
Fosler, E. *see* Mirghafori, N. 14929
Fosong Wang *see* Biying Huang 9526
Fosong Wang *see* Wang Fosong
Foss, J.F., Bohl, D.G., Hicks, T.J. The pulse width modulated-constant temperature anemometer 17252
Foss, M. *see* Abe, K. 59233
Fossas, E., Biel, D. A sliding mode approach to robust generation on DC-to-DC nonlinear converters 38893
Fossas, E., Biel, D. A sliding mode approach to robust generation on DC-to-DC converters 40873
Fossas, E., Pique, R. The parallel resonant converter. A dynamical system approach 51178
Fossas, E. *see* Hernanz, J. 29382
Fossas, E. *see* Olm, J.M. 40872
Fossat, F. Input stages for analogue/digital convertors 1512
Fossat, F. Soldering technology 1786
Fossati, F. Sound on chip (The ChipCorder system of information storage devices, ISD) 21834
Fossati, F. Logic simulation 31157
Fossorier, M.P.C. Dynamic quantization for maximum likelihood sequence detection of PAM signaling 4441
Fossorier, M.P.C., Shu Lin Soft decision decoding of linear block codes based on ordered statistics for the Rayleigh fading channel with coherent detection 24669
Fossorier, M.P.C., Shu Lin Weight distribution for closest coset decoding of |u|u+v| constructed codes 56331
Fossum, E. *see* Clark, C. 59883
Fossum, E. *see* Salomon, P. 59884
Fossum, E. *see* Yadid-Pecht, O. 27684
Fossum, E.R. *see* Mendis, S.K. 27683
Fossum, E.R. *see* Nixon, R.H. 27650
Fossum, E.R. *see* Pain, B. 17504
Fossum, E.R. *see* Zhou, Z. 17505
Fossum, J.G., Krishnan, S. Physical modeling needed for reliable SOI circuit design 43246
Fossum, J.G. *see* Krishnan, S. 22940
Foster, C.C., Casey, S.L., Johnson, A.L., Miesle, P., Sifri, N., Skees, A.H., Murray, K.M. Opportunities for single event and other radiation effects testing and research at the Indiana University Cyclotron Facility 49269
Foster, C.C. *see* Hull, E.L. 59351
Foster, C.M., Bai, G.-R., Csencsits, R., Vetrone, J., Jammy, R., Wills, L.A., Carr, E., Amano, J. Single-crystal $Pb(Zr_xTi_{1-x})O_3$ thin films prepared by metalorganic chemical vapor deposition: systematic compositional variation of electronic and optical properties 40313
Foster, C.M., Bai, G.-R., Vetrone, J., Huang, Y., Jammy, R. In-situ growth of $Pb(Zr_{0.5}Ti_{0.5})O_3/RuO_2$ heterostructures on Si(001) using low-temperature metal-organic chemical vapor deposition 52794
Foster, D. *see* Mazzotta, V. 41278
Foster, D.F. *see* Ng, T.L. 30740
Foster, D.F. *see* Pickett, N.L. 40467
Foster, F.S. *see* Christopher, D.A. 28185
Foster, F.S. *see* Christopher, D.A. 28225
Foster, F.S. *see* Lockwood, G.R. 18263
Foster, F.S. *see* Lockwood, G.R. 18364
Foster, G.J. *see* Burton, S.L. 48047
Foster, I. High-performance distributed computing: the I-WAY experiment and beyond 16286
Foster, I., Geisler, J., Kesselman, C., Tuecke, S. Managing multiple communication methods in high-performance networked computing systems 35731
Foster, J. Netskills: traditional and networked based methods for training users and providers of networked information resources 6255
Foster, J. Ceramic applications for wear protection of pipe lines and cyclones 30969
Foster, J.L., Hall, D.K., Chang, A.T.C., Rango, A., Wergin, W., Erbe, E. Observations of snow crystal shape in cold snowpacks using scanning electron microscopy 18881
Foster, J.L. *see* Hall, D.K. 18892
Foster, K.A. *see* Smith, V.C. 36962
Foster, R.S. *see* Backer, D.C. 48204
Foster, R.S. *see* Sanghvi, N.T. 28413
Foster, S. *see* Wenzel, J. 1872
Foster, S.T., Jr., Adam, E.E., Jr. Examining the impact of speed of quality improvement on quality-related costs 52321
Foster, S.T., Jr. *see* DeLurgio, S.A., Sr. 10196
Foster, T.J. *see* Itskevich, I.E. 22900
Foster, T.J. *see* Neves, B.R.A. 12391
Foster, W. *see* Costanzo, B. 28488
Foster-Turner, R. *see* Kearsley, A.J. 174
Fostick, G.S., Tabrikian, J., Messer, H. A test for detection of local modeling mismatches in shallow water 27102
Fotaka, I. *see* Sato, K. 44585
Fotev, S. *see* Milanova, M. 15893
Fothergill, J.C., Houlgreave, J.A. The behaviour and interaction of monopolar current plumes from points on discharge electrodes in air 41727
Fothergill, J.C., Houlgreave, J.A. A simple optical method for measuring currents at high voltages with an example of use on a coronating electrode in air 48804
Fothergill, J.C. *see* Houlgreave, J.A. 41737
Foti, T. *see* Fiori, F. 40773
Fotopoulos, V. *see* Werner, D.H. 34182
Fotowat-Ahmady, A. *see* Behbahani, F. 21542
Fotowat-Ahmady, A. *see* Behbahani, F. 21778
Fottner, J. Requirements for analogue-digital convertors for image capture 1511
Fotuhi-Firuzabad, M., Billinton, R., Aboreshaid, S. Response health constraints in economic load dispatch considering standby units, interruptible loads and postponable outages 8839
Fotuhi-Firuzabad, M. *see* Aboreshaid, S. 19040
Fotuhi-Firuzabad, M. *see* Billinton, R. 19049
Fotuhi-Firuzabad, M. *see* Billinton, R. 38296
Fotuhi-Firuzabad, M. *see* Billinton, R. 60361
Fouad, A.A. *see* Ni, Y.-X. 19282
Fouad, A.A. *see* Saha, S. 60218
Fouad, A.A. *see* Thapar, J. 60219
Fouad, L., El-Hazek, S. The performance of beta particles sensitivity controlled open air corona streamer counter in humid air 36880
Fouad, M. *see* Moselhy, A.M. 53601
Fouad Hanna, V. *see* Guillouard, K. 53655
Fouaidy, M. *see* Shu, Q.S. 49022
Fouassier, C. *see* Ronot-Limousin, I. 44229
Fouassier, J.-P. Photosensitive optical materials: the photochemistry of some selected systems 55155
Fouassier, J.P. *see* Morlet-Savary, F. 13545
Fouchal, H. *see* Cavalli, A. 46765
Foucher, M. *see* Arisaka, K. 37239
Foucher, M. *see* Arisaka, K. 37460
Foucher, M. *see* Kalonji, N. 26815
Foucher, S., Benie, G.B., Boucher, J.-M. Unsupervised multiscale speckle filtering 58424
Fouda, I.M. *see* El-Nicklawy, M.M. 43953
Fouillat, P. *see* Maidon, Y. 20840
Foukaraki, V. *see* Aperathitis, E. 51578
Foukia, S. *see* Lamel, L.F. 45681
Foul, A. A characterization of an n by 2n "Q_0"-matrix 30409
Fouladgar, J. The inverse problem methodology for the measurement of the permeability of the ferromagnetic materials 43624
Foulc, J.-N. *see* Atten, P. 23151
Foulc, J.-N. *see* Boissy, C. 974
Foulds, R. *see* Erenshteyn, R. 59820
Fouliger, D.L., Blood, P., Mawby, P. Modelling of leakage currents in AlGaInP/GaInP quantum-well lasers 33493
Foulgoc, K.Le *see* Le Foulgoc, K.
Foulk, P.W. *see* Desmulliez, M.P.Y. 23609
Foulke, J.A. *see* Martin, B.J. 49584
Foulkes, R. *see* Curtis, T. 47115
Foulloy, L. *see* Mauris, G. 7118
Foulon, F., Bergonzo, P., Jany, C., Gicquel, A., Pochet, T. CVD diamond detectors for radiation pulse characterisation 36560
Foulon, F. *see* Brambilla, A. 37910
Foulon, F. *see* Jany, C. 31767
Foulon, G., Brenier, A., Ferriol, M., Boulon, G. Nonlinear laser crystal as a blue converter: laser heated pedestal growth, spectroscopic properties and second harmonic generation of pure and Nd^{3+}-doped $K_3Li_{2-x}Nb_{5+x}O_{15+2x}$ single crystal fibres 14359
Foulon, G., Brenier, A., Ferriol, M., Rochal, A., Cohen-Adad, M.T., Boulon, G. Laser-heated pedestal growth and optical properties of Nd^{3+}-doped $Li_{1-x}Nb_{1-x}W_xO_3$ single-crystal fibers 33032
Foulonneau, B., Gaudaire, F., Gabillet, Y. Measurement method of electromagnetic transmission loss of building components using two reverberation chambers 4253
Fountain, C. Building tomorrow's network today [corporate networks] 26134
Fountain, J.R. Digital terrain systems 59954
Fountain, M., Brager, G., de Dear, R. Expectations of indoor climate control 51637
Fountain, R.H. *see* Wan, K.K. 13506
Fountas, N.A., Hatziargyriou, N.D. A unified simulation for multiple time-scale analytical studies [power systems] 19083
Fountas, N.A., Hatziargyriou, N.D., Orfanogiannis, C., Tasoulis, A. Interactive long-term simulation for power system restoration planning 50466
Fountas, N.A., Hatziargyriou, N.D., Valavanis, K.P. Hierarchical time-extended Petri nets as a generic tool for power system restoration 60305
Fountzoulas, C.G. Ion beam assisted deposition of Si-diamond-like carbon coatings on large area substrates 10892
Fouracre, R. *see* MacGregor, S.J. 43447
Fouracre, R.A. *see* Al-Attabi, A.F. 32625
Fouracre, R.A. *see* Zhu Fang 38400
Fourcade, F., Eve, T., Socroun, T. Improving Lagrangian relaxation: an application to the scheduling of pressurized water reactor outages 60494
Fourcade, F., Johnson, E., Bara, M., Cortey-Dumont, P. Optimizing nuclear power plant refueling with mixed-integer programming 50703
Fourches, N.T. Charge buildup by irradiation in metal-oxide-semiconductor structures at cryogenic temperatures: basic mechanisms and influence of dose and dose rate 54624
Fourmigue, J.-M. Non destructive testing of high voltage cables by non-electrical methods 8905
Fourmigue, J.-M., Noel, M. Outdoor insulation housings 32738
Fourmun Lee, Chatterjee, A., Croley, D. Advanced yield enhancement: computer-based spatial pattern analysis. Part 1 30370
Fourmun Lee *see* Ceton, R. 30362
Fourneau, J.M. *see* Czachoski, T. 5823
Fournelle, R.A. *see* Nigro, N.J. 11876
Fournelle, R.A. *see* Nigro, N.J. 30247
Fournes, L. *see* Guerlou-Demourgues, L. 19965
Fournier, B. *see* Laugier, P. 18348
Fournier, D. Effect of the surface roughness on interfacial breakdown between two dielectric surfaces 19356
Fournier, D. *see* Cella, N. 12186
Fournier, D. *see* Dang, C. 28928
Fournier, J. *see* Gallagher, M. 32228
Fournier, J.M. *see* Pache, D. 11720
Fournier, M., Chassot, C., Lozes, A., Diaz, M. Multimedia partial order transport architecture: design and implementation 6344
Fournier, M.M. *see* Ross, M.K. 37800
Fournier, N. *see* Surrel, Y. 1016
Fournier, P., Meshkinfam, P., Fardad, M.A., Andrews, M.P., Najafi, S.I. Potassium ion-exchanged Er-Yb doped phosphate glass amplifier 33083
Fournier, P. *see* Tamura, T. 32485
Fournier, S. *see* Seguin, G.E. 45631
Fournier-Prunaret, D. Connectivity of basins in an order 2 DPCM system modelled by a two-dimensional noninvertible map 56344
Fourre, H., Diette, F., Cappy, A. Selective wet etching of lattice-matched InGaAs/InAlAs on InP and metamorphic InGaAs/InAlAs on GaAs using succinic acid/hydrogen peroxide solution 2368
Fourrier-Lamer, A. *see* Belhadj-Tahar, N. 48851
Foursa, D., Emplit, P., Leners, R., Meuleman, L. 18 GHz from a σ-cavity Er-fibre laser with dispersion management and rational harmonic active mode-locking 44384
Fous, P. *see* Hellman, O. 727
Fousek, J. *see* Cudney, R.S. 43480
Fousek, J. *see* Garces Chavez, V. 14332
Foutanet, A. *see* Clavel, E. 29457
Fouts, C.S. *see* Hayes, M.E. 52380
Fowkes, R. *see* Scheitrum, G. 7721
Fowkes, W.R. *see* Miller, R.H. 49048
Fowkes, W.R. *see* Seidel, M. 49050
Fowler, A.M., Gatley, I., McIntyre, P., Vrba, F.J., Hoffman, A. ALADDIN, the 1024×1024 InSb array: Design, description, and results 48650
Fowler, B. *see* Speranza, T. 22503
Fowler, B.W. *see* Barnett, J.M. 42462
Fowler, B.W. *see* Carpio, R.A. 42571
Fowler, C.W. *see* Jones, G.W. 18617
Fowler, G. *see* Angino, G. 48115
Fowler, G.D., Hurd, D.L. Optimisation of the ASAR block adaptive quantisation scheme 16945
Fowler, J. *see* Newman, D. 16312
Fowler, J. *see* Young, C. 11113
Fowler, K.R.G., Fitch, M.R. ATM over satellite–the VANTAGE project 47889
Fowler, L., Davis, T. Engineering data analysis using Discovery [semiconductor manufacture] 32521
Fowler, R.D. *see* Smith, C.L. 9973
Fowler, W., Cohen, A. The Texas Space Grant Multi-University Multi-Disciplinary Design Project 20535
Fowlkes, J.B. *see* Jian-Feng Chen 28092
Fowlkes, J.B. *see* Jian-Feng Chen 37721
Fox, A., Gribbie, S.D., Brewer, E.A., Amir, E. Adapting to network and client variability via on-demand dynamic distillation 6072
Fox, A.M. *see* Stone, R.J. 13835
Fox, A.M. *see* Stone, R.J. 42206
Fox, B. *see* Donaldson, G. 19193
Fox, B. *see* O'Kane, P. 19390
Fox, C.G. Objective classification of oceanic ridge-crest terrains using two-dimensional spectral models of bathymetry: application to the Juan de Fuca Ridge 18904
Fox, C.L. *see* Caldwell, D.B. 61032
Fox, G.R. *see* Gusarov, A. 13701
Fox, H. *see* Abt, I. 7783
Fox, H.J., Jr *see* Gela, G. 50616
Fox, H.J., Jr. *see* Kientz, H.J. 28955
Fox, J. *see* Byrd, J.M. 49253
Fox, J. *see* Chandra, S. 44371
Fox, J.D. *see* Corlett, J.N. 49255

Fox, J.L., Krile, T.F. Modelling and analysis of path-averaging noise in phasor-based phase reconstruction 15941
Fox, K. *see* Bhattacharya, S. 41147
Fox, K. *see* Noel, J.-P. 14098
Fox, K.A.A. *see* Lange, A. 49560
Fox, M.D. *see* Censor, D. 55994
Fox, M.J. *see* Ghoshroy, S. 7673
Fox, N. *see* Goebel, R. 17161
Fox, N.A. *see* Wang, W.N. 10832
Fox, N.A. *see* Wang, W.N. 32356
Fox, N.C. *see* Freeborough, P.A. 18395
Fox, N.C. *see* Freeborough, P.A. 37743
Fox, N.C. *see* Freeborough, P.A. 49565
Fox, N.P., Chunnilall, C.J., Harrison, N.J., Hartree, W.S. High-accuracy characterisation and applications of filter radiometers 48286
Fox, N.P. *see* Theocharous, E. 48527
Fox, P.T. *see* Handers, T.A. 49422
Fox, R., Hartigan, J. A general-purpose abductive algorithm for interpretation 24823
Fox, R.L. *see* Namkung, M. 3229
Fox, R.W. *see* Murtz, M. 48311
Fox, S., Sturgeon, T. Electronics manufacturing services: Contractors and customers keep it hot 20763
Fox, S. *see* Asinovsky, L. 21332
Fox, S.J. Using electronics contract manufacturers: a review of industry trends 53768
Fox, T.J. *see* Schoenbach, K.H. 50227
Fox-Murphy, A.F., Howell, D.F., Nickerson, R.B., Weidberg, A.R. Frequency scanned interferometry (FSI): the basis of a survey system for ATLAS using fast automated remote interferometry 37397
Foxon, C.T., Hughes, O.H. Nanometre precision of semiconductor multilayer growth 10813
Foxon, C.T. *see* Andrianov, A.V. 41950
Foxon, C.T. *see* Cheng, T.S. 10765
Foxon, C.T. *see* Dewsnip, D.J. 41949
Foxon, C.T. *see* Dolgopolov, V.T. 54151
Foxon, C.T. *see* McEuen, P.L. 54185
Foxon, C.T. *see* Nachtwei, G. 54191
Foxon, C.T. *see* Nicholas, R.J. 2126
Foxon, C.T. *see* Nicholls, J.F.H. 10805
Foxon, C.T. *see* Orton, J.W. 31856
Foxon, C.T. *see* Stone, R.J. 13835
Foxon, C.T. *see* Thucydides, G. 42189
Foxon, C.T. *see* Xin, Y. 30820
Foy, F.P., Iwaszek, G. Workforce development–building the public education pipeline to meet manufacturing technician hiring needs 30096
Foy, J. *see* Carullo, S.P. 19103
Foyn, B. *see* Wang Xinli 15718
Fozooni, P. *see* Stefanyi, P. 54021
Fraas, L., Huang Han Xiang, Samaras, J., Ballantyne, R., Williams, D., Hui, S., Ferguson, L. Hydrocarbon fired thermophotovoltaic generator prototypes using low bandgap gallium antimonide cells 38991
Fraas, L. *see* Avery, J. 37988
Fraas, L.M. *see* Charache, G.W. 38994
Frabboni, S. *see* Tonini, R. 54385
Frabetti, P.L. *see* Aulchenko, V.M. 37243
Fraboni, B. *see* Carnera, A. 12699
Fraboni, B. *see* Castaldini, A. 31826
Fracasso, B., Nochez, N., Desmons, M., Ghorbel, F. An iterative approach to geometric transformations with diffractive optics 14472
Fracchia, M., Pierrat, L., Pozzobon, P. Probabilistic assessment of harmonic impedance in DC traction systems 51805
Fracchia, M. *see* Cosulich, G. 61250
Frackowiak, E., Jurewicz, K., Kalek, W., Meteniowska, B., Downarowicz, J., Kuksenko, S. Carbon fluoride cathode for lithium cells 9486
Frackowiak, L., Gwozdz, M., Porada, R. Parametric filters in compensation of influence of nonlinear receiver on power network 8750
Frackowiak, L. *see* Strzelecki, R. 9680
Frackowiak, L. *see* Strzelecki, R. 51777
Frackowiak, R.S.J. Functional brain imaging 18257
Fradkov, A.L. *see* Markov, A.Yu. 31136
Fradkov, A.L. *see* Pogromsky, A.Y. 50401
Fraenkel, P., Crick, F., Barlow, R. Development of a new small windpump for manufacture in developing countries 50867
Fraenkel, P.L. Applications for wind systems in developing countries 29186
Fraga, J., Maziero, C., Lung, L.C., Loques Filho, O.G. Implementing replicated services in open systems using a reflective approach 57852
Fragale, W., Robb, F.Y., Venkatesan, V. Modeling of irradiated buffer-layer insulated gate bipolar transistors 43035
Fragapane, L., Letor, R., Saya, F. Optimisation of 1000 V epitaxial IGBT device for a 2 kW zero current resonant converter 40912
Fragin, M.S. *see* Troyanovskii, B.M. 19557
Fragniere, E. *see* van Schaik, A. 53486
Fragnito, H.L. *see* Duarte, A.S. 14277
Fragoso, M.D. *see* de Souza, C.E. 45832
Fragoso, M.D. *see* de Souza, C.E. 45833
Fragoulopoulos, E. *see* Angelopoulos, J. 58264
Fragoulopoulos, E. *see* Angelopoulos, J.D. 25942
Fragoulopoulos, E.K., Mavrommatis, K.I., Venieris, I.S. A bearer channel control protocol for the dynamic $V_{B5.2}$ interface in ATM access networks 58027
Fragoulopoulos, E.K. *see* Angelopoulos, J.D. 6743
Frahm, H., Zvyagin, A.A. Nonlinear boundary oscillations in strongly correlated electron quantum wires 32035
Frahm, J. *see* Portnoi, E.L. 55641
Frahm, R. *see* Hahn, U. 37069
Fraigniaud, P., Gavoille, C. Universal routing schemes 40756
Fraile-Marinero, J.C. *see* Perez-Turiel, J. 47058
Fraile-Pelaez, F.J., Santos, D.J., Capmany, J. Photonic excess noise in a p-i-n photodetector 27567
Fraile-Pelaez, F.J. *see* Gomez-Alcala, R. 23994
Fraile-Pelaez, F.J. *see* Gomez-Alcala, R. 33487
Frair, K., Froyd, J., Rogers, G., Watson, K. The NSF foundation coalition–past, present, and future 20656
Frair, L., Dilbaghi, B. Multimedia development for engineering design projects 20554
Frais-Kolbl, H. *see* Randolf, G. 39257
Fraisse, B. *see* Royo, F. 12403
Fraisse, H., Masson, J.P., Morel, H. Introduction of dynamical hysteresis modelling in a circuit simulator based on bond graphs 55959
Fraisse, H. *see* Peccolo, M.A. 24386
Fraisse, M. *see* Cun, J.P. 51487
Frakt, A.B., Willsky, A.S., Karl, W.C. Multiscale hypothesis testing with application to anomaly characterization from tomographic projections 57314
Fram, E.K. *see* Keller, P.J. 18284
Frame, J. *see* Crook, A.C. 44058
Framjee, R. Use of zero-forcing equalization for space diversity combining in microwave digital radio 6459
Frammelsberger, W., Mayer, L. Earth fault location device based on the pulse location method 19417
Frampton, K.R. High performance signal characterization workstation 7236
Franca, J., Petraglia, A., Mitra, S.K. Multirate analog-digital systems for signal processing and conversion 31409
Franca, J. *see* Azeredo Leme, C. 53430
Franca, J.E. *see* Correia, A.J. 53369
Franca, J.E. *see* Horta, N.C. 11059
France, A. *see* Beauvais, P.-Y. 37207
France, P. *see* Midrio, M. 16753
Frances, J.V. *see* Calpe, J. 6372
Frances, J.V. *see* Rosado, A. 1229
Frances, J.V. *see* Rosado, A. 21432
Frances, M. *see* Duret, D. 8292
Franceschetii, G. *see* Fornaro, G. 25258
Franceschetti, G., Iodice, A., Migliaccio, M., Riccio, D. An innovative IFSAR simulator 48111
Franceschetti, G., Iodice, A., Migliaccio, M., Riccio, D. The effect of surface scattering on IFSAR baseline decorrelation 58412
Franceschetti, G., Migliaccio, M., Riccio, D. An electromagnetic fractal-based model for the study of fading 16863
Franceschetti, G., Migliaccio, M., Riccio, D. Ocean SAR raw data simulation: generation and testing 50119
Franceschetti, G., Migliaccio, M., Riccio, D. On the and quality assessment of DEM 58438
Franceschetti, G. *see* Coltelli, M. 28608
Franceschetti, G. *see* Fornaro, G. 8361
Franceschetti, G. *see* Fornaro, G. 18813
Franceschetti, G. *see* Fornaro, G. 48075
Franceschi, A.S.Morales De *see* Morales De Franceschi, A.S.
Franceschi, J.L., Haas, V. Laser thermoacoustic modulation for space charge measurement 58977
Franceschi, J.L. *see* Severac, H. 11018
Franceschini, A. *see* Cesarsky, C.J. 36548
Franceschini, F. *see* Bray, A. 7597
Franceschini, G. *see* Bomitali, E. 26368
Franceschini, G. *see* Filippetti, F. 9210
Franceschini, G. *see* Filippetti, F. 19740
Franceschini, G. *see* Filippetti, F. 29335
Franceschini, G. *see* Filippetti, F. 60878
Franceschini, G. *see* Gentile, G. 20134
Franceschini, G. *see* Vagati, A. 29269
Franceschini, R. *see* Karr, C.R. 50282
Francesco, R.Di *see* Di Francesco, R.
Francesconi, F., Caiulo, G., Liberali, V., Maloberti, F. A 30-mW 10.7-MHz pseudo-N-path sigma-delta band-pass modulator 1518
Francesio, L., Franzosi, P., Caldironi, M., Vitali, L., Dellagiovanna, M., DiPaola, A., Vidimari, F., Pellegrino, S. Ordering effects in InGaP/GaAs and InGaAsP/GaAs heterostructures grown by LP-MOVPE 10726
Franchi, D. *see* Bedini, R. 49682
Franchi, E. *see* Manaresi, N. 1635
Franchi, P. *see* Southall, H. 45468
Franchi, S. *see* Baraldi, A. 12273
Franchi, S. *see* Bignazzi, A. 30817
Franchi, S. *see* Brusaferri, L. 12378
Franchi, S. *see* Gombia, E. 12519
Franchina, L. A wireless CDMA local area network: RF modellization and design 26507
Franchina, L. A real-time wireless LAN access unit based on a DSP architecture 47207
Franchina, L. *see* Carotenuto, R. 26842
Franchois, A., Pichot, C. Microwave imaging–complex permittivity reconstruction with a Levenberg-Marquardt method 37629
Francia, G.Di *see* Di Francia, G.
Francini, A. *see* Ajmone Marsan, M. 35408
Francini, F. *see* Hoffer, L.M. 15969
Franciosi, A. *see* Bonard, J.-M. 54167
Franciosi, A. *see* Bratina, G. 12256
Franciosi, A. *see* Bratina, G. 54158
Franciosi, A. *see* Calcagnile, L. 24116
Franciosi, A. *see* Calcagnile, L. 42111
Franciosi, A. *see* Giugno, P.V. 22420
Franciosi, A. *see* Heun, S. 22318
Franciosi, A. *see* Karpov, I. 10905
Franciosi, A. *see* Karpov, I. 40597
Franciosi, A. *see* Pellegrini, V. 2577
Franciosi, A. *see* Sorba, L. 54249
Franciosi, A. *see* Tapfer, L. 22315
Franciosi, A. *see* Yang, X. 54157
Francis, B.A. *see* Huang Shu 1554
Francis, B.A. *see* Huang Shu 34731
Francis, C.J., Zelaya De La Parra, H. Stator resistance voltage-drop compensation for open-loop AC drives 39278
Francis, D.A., Chang-Hasnain, C.J. Effect of facet roughness on etched-facet semiconductor laser diodes 23999
Francis, D.T.I., Oswin, J.R., Coates, R. Composite properties of ceramic stacks 43595
Francis, J.H. New position sensors for fluid power and other control applications 36492
Francis, L.F. *see* Wright, J.S. 58686
Francis, M. *see* Szu, H.H. 60028
Francis, P., Colinge, J.P., Flandre, D. Comparison of self-heating effect in GAA and SOI MOSFETs 2678
Francis, P., Ohno, Y., Nogome, M., Takahashi, Y. Numerical simulations of surface states effects on GaAs power MESFETs 13030
Francis, P., Shin-Ya Sato Design of a database and cache management strategy for a global information infrastructure 57853
Francis-Cobley, P. Performance evaluation of a low-end ATM network 35700
Francisco, C.de *see* de Francisco, C.
Francisco, J., Chiappetti, D., Brill, J. Development of sintered fiber nickel electrodes for aerospace batteries 61031
Franck, C.C. *see* Castaldo, R. 18751
Franck, D. *see* de Carlan, L. 37504
Franck, D.R., Testani, M.V. Competing technologies for SMT: direct chip attach using flip chip, wirebond, or TAB 39851
Franck, L., Sales, B. QoS-based routeing for high-speed environment 46816
Franck, L., Sales, B. QoS based routeing for ATM networks 46829
Franck, T., Hofmann, M., Prip, L., Bischoff, S., Brorson, S., Mork, J. Pulse-shape characterization of colliding pulse mode-locked laser diodes 3866
Franck, T. *see* Brorson, S.D. 23937
Franck, T. *see* Wang, Z. 23939
Franco, G. *see* Chiorboli, G. 1530
Franco, G. *see* Chiorboli, G. 27438
Franco, H. *see* Abrash, V. 15097
Franco, J.F.M.S. *see* Martins, J.E. 35801
Franco, J.M. *see* Calvo, M. 10524
Franco, M. *see* Ripoche, J.-F. 24203
Franco, P., Fontana, F., Christiani, I., Zenobi, M., Midrio, M., Romagnoli, M. All-fiber parametric oscillator for soliton generation and rep-rate multiplication 33688
Franco, P., Ma, S., Chang, J., Yi-Chin Chu, Wattal, S., McCluskey, E.J., Stokes, R.L., Farwell, W.D. Analysis and detection of timing failures in an experimental Test Chip 48353
Franco, S. Polypropylene capacitors for snubber applications 31090
Franco, V., Ramos-Martos, J., Conde, A. Autocalibrating quasistatic *M-H* hysteresis loop tracer with negligible drift 7189
Francocci, E., Franzsen, V., de Grijp, M.H.B. New design concepts for large capacitor banks 19214
Francois, B., Cambronne, J.P. A neural network interpolator for the improvement of power rectifiers control 9375
Francois, B., Cambronne, J.P., Hautier, J.P. A new approach for synthesizing logic connection controllers in power converters 60897
Francois, B. *see* Loriol, D. 60908
Francois, E., Chupeau, B. Depth-based segmentation 35196
Francois, E., Vial, J.-F., Chupeau, B. Coding algorithm with region-based motion compensation 35184
Francois, M. *see* Fawaz, H. 54822
Francois, P. *see* Androussi, Y. 40413
Francois, P.L. *see* Favre, F. 47899
Francois, R. *see* Schuss, J.J. 34462
Francombe, M.H. *see* Perera, A.G.U. 17371
Francombe, M.H. *see* Perera, A.G.U. 48520
Francombe, M.H. *see* Perera, A.G.U. 48530
Francombe, M.H. *see* Yuan, H.X. 48509
Franconi, C. *see* Vrba, J. 18511
Francos, A., Porat, M. Parametric estimation of multicomponent signals using minimum cross entropy time-frequency distributions 34954
Francos, J.M. Bounds on the accuracy of estimating the parameters of discrete homogeneous random fields with mixed spectral distributions 56506
Francos, J.M., Friedlander, B. The polynomial phase differencing algorithm for 2-D phase unwrapping: performance analysis 24938
Francos, J.M. *see* Friedlander, B. 15195
Francos, J.M. *see* Friedlander, B. 15335

Francz, G., Kania, P., Oelhafen, P., Schedel-Niedrig, T., Schlogl, R., Locher, R. Valence-band photoemission of the H-plasma annealed (100) textured CVD diamond surface 1993
Francz, L. Enhancing VME for telephony applications 57831
Frandas, A. *see* Jalink, H. 7159
Frandon, J. *see* Briot, O. 54092
Frandsen, P. *see* Barranco-Luque, M. 49012
Franghiadakis, Y. *see* Tzanetakis, P. 19875
Frangini, S., Di Bartolomeo, A., Giorci, L., Masci, A. Corrosion behavior of B_2Fe aluminide alloys in molten carbonates at 650°C 51509
Frangis, N., van Landuyt, J., Grimaldi, M.G., Calcagno, L. Electron microscopy and Rutherford backscattering spectrometry characterisation of 6H SiC samples implanted with He^+ 31886
Frangopoulos, C.A., Lygeros, A.I., Markou, C.T., Kaloritis, P. Thermoeconomic operation optimization of the Hellenic Aspropyrgos Refinery combined-cycle cogeneration system 20278
Frangos, P. *see* Savaidis, S. 45157
Franich, R.E.H. *see* Hampson, F.J. 56733
Frank, A.E.R., Nithiyanandam, N. Adaptive tracking filter for maneuvering target 6886
Frank, B. *see* Lipp, S. 21350
Frank, B. *see* Lipp, S. 22583
Frank, C., Hein, K., Hannig, C., Gaertner, G. Growth of GaAs crystals by VGF at different As source temperatures 677
Frank, C.B. *see* Krishnan, S. 18234
Frank, D. Road markings recognition 57309
Frank, D. *see* Erlandson, A.C. 23841
Frank, D.J. Comparison of high speed voltage-scaled conventional and adiabatic circuits 11331
Frank, D.J., Solomon, P.M. Electroid-oriented adiabatic switching circuits 21613
Frank, G. *see* Armstrong, J.R. 31057
Frank, G.A. *see* Richards, M.A. 41208
Frank, H. *see* Valdez, T.I. 61066
Frank, J., Fleischer, M., Meixner, H. Electrical doping of gas-sensitive, semiconducting Ga_2O_3 thin films 12685
Frank, J. *see* Banerjee, D. 16118
Frank, J. *see* Hoeher, P. 47841
Frank, J.A. *see* Yihong Yang 7992
Frank, K., Christiansen, J., Dollinger, S., Felsner, P., Gortler, A., Heine, F., Hintz, G., Hoffmann, D.H.H., Prucker, U., Schwandner, A. Characteristics of pseudospark switches for pulsed power modulators 51407
Frank, K., Felsner, P., Christiansen, J., Hintz, G., Mehr, T., Prucker, U., Stenzenberger, J., Stetter, M., Tkotz, R., Hoffmann, D.H.H. Cathode processes of the early phases of the pseudospark discharge 22142
Frank, K., Heinrich, S. Computing discrepancies of Smolyak quadrature rules 10496
Frank, K., Stark, R., Christiansen, J., Felsner, P., Gortler, A., Heine, F., Hintz, G., Hoffmann, D.H.H., Prucker, U., Sschwandner, A., Stetter, M., Tkotz, R., Urban, J. Spatial and time characteristics of high current, high voltage pseudospark discharges 28948
Frank, K. *see* Prucker, U. 28951
Frank, K. *see* Schwandner, A. 29498
Frank, M., Schallenberg, U.B., Kaiser, N. Microstructured multilayer dielectric coatings with binary optical functions 3564
Frank, M. *see* Babb, J. 40770
Frank, M. *see* Hessenmuller, H. 58029
Frank, M.G. *see* Herzog, H.J. 60566
Frank, N. *see* Grabecki, G. 12416
Frank, N. *see* Springholz, G. 10674
Frank, R. *see* Auzinger, W. 10513
Frank, R. *see* Auzinger, W. 10527
Frank, R.J., McPherson, D.D., Chandran, K.B., Dove, E.L. Optimal surface detection in intravascular ultrasound using multi-dimensional graph search 28303
Frank, S. *see* Owen, R. 17368
Frank, S.S. *see* Emery, M.S. 59331
Frank, T. *see* Haag, M. 46418
Frank, T.M. *see* Bhattacharya, S. 38816
Frank, W. *see* Obermuller, C. 55206
Frank, W.E. Approaches for patterning of aluminum 42726
Frank, W.F. *see* Ruck, D.M. 23526
Frank, W.F. *see* Schosser, A. 23524
Frank, W.F. *see* Stelmaszyk, A. 23523
Frank-Fu Fang *see* Wen-Chung Tsai 54147
Franke, B. *see* de Valk, J.P.J.M.M. 60039
Franke, D., Roehle, H. Highly reproducible and defect-free MOVPE overgrowth of InGaAsP-based DFB gratings 40333
Franke, D., Steinbach, I., Krumbe, W., Liebermann, J., Koch, W. Concept for an online material quality control by numerical simulation of a silicon ingot solidification process 32104
Franke, D. *see* Jahn, E. 26838
Franke, D. *see* Jahn, E. 36142
Franke, D. *see* Teichert, St. 895
Franke, E. The Installation Control Drawing (ICD) for commercial electronic equipment aboard military platforms 8243
Franke, E., Vaal, G. Link margin for UHF airborne satellite communications (SATCOM) operation 8628
Franke, E.K. *see* Teowee, G. 54926
Franke, H. *see* Biebricher, M. 23544
Franke, H. *see* Biebricher, M. 36596
Franke, H. *see* El Joudi, El.M. 44767
Franke, H. *see* Hendricks, C.P. 13544
Franke, H. *see* Sterkenburgh, T. 43985
Franke, R., Salkauskas, K. Localization of multivariate interpolation and smoothing methods 517
Franke, S.J. *see* Thorsen, D. 60050
Franke, T., Turkes, P., Gerstenmaier, T. The reverse behavior of the NPT-IGBT in its on-state 43080
Franke, T. *see* Teichert, St. 895
Franke, U., Kutzbach, I. Fast stereo based object detection for stop&go traffic 25773
Franke, W.-G. *see* Schmitt, T. 37704
Franke, Y. *see* Chan, A. 4567
Frankel, J. *see* Abbate, A. 34726
Frankel, M.Y., Matthews, P.J., Esman, R.D. Two-dimensional fiber-optic control of a true time-steered array transmitter 24591
Frankel, M.Y. *see* Anderson, G.W. 33269
Frankel, M.Y. *see* Glassner, D.S. 36137
Frankel, M.Y. *see* Matthews, P.J. 24585
Frankel, M.Y. *see* Matthews, P.J. 34441
Frankel, M.Y. *see* Roman, J.F. 56190
Frankel, Y., Tsiounis, Y., Yung, M. "Indirect discourse proofs": achieving efficient fair off-line e-cash 14797
Franken, D. *see* Meerkotter, K. 21809
Franken, H.M. *see* Quartel, D.A.C. 47176
Franken, H.M. *see* Veltink, P.H. 18215
Franken, L.J.N., Janssen, P., Haverkort, B.R.H.M., van Liempd, G. Quality of service management in distributed systems using dynamic routation 5950
Franken, P., Haas, M., Simonett, J. Some fundamental considerations of the future development of network information systems in Switzerland 8829
Frankena, H.J. *see* Daoping Li 13654
Frankena, H.J. *see* Li, D. 55254
Frankena, H.J. *see* Uitterdijk, T. 44080
Frankena, H.J. *see* Vreeburg, C.G.M. 26871
Frankenthal, R.P. *see* Comizzoli, R.B. 58090
Frankiewicz, R., Zbierski, P. Hausdorff gaps and limits. Studies in logic and the foundations of mathematics. Vol.132 21016
Franklin, B. Flow measurement in the petrochemical industry 51905
Franklin, C. *see* Prack, E. 30272
Franklin, D.L. Component selection impact on reliability 30387
Franklin, D.R., Anderton, J.P., Pointon, A.J. Experimental evidence for a relationship between Lotgering index and ferromagnetic resonance linewidth 3176
Franklin, J. *see* Bax, E. 21180
Franklin, J.B., Barry, P.J. Acoustic particle acceleration sensors 18967
Franklin, M., Haber, S. Joint encryption and message-efficient secure computation 4536
Franklin, M., Yung, M. Secure hypergraphs: privacy from partial broadcast 35498
Franklin, M.J. *see* Amsaleg, L. 26103
Franklin, S.J. *see* Connolly, S.M. 9037
Franklin, W.R. *see* Roth, P.J. 8689
Frankovic, R., Bernstein, G.H. Electromigration drift and threshold in Cu thin-film interconnects 12806
Frankovic, R., Bernstein, G.H. Temperature dependence of electromigration threshold in Cu 32234
Frankovic, R., Bernstein, G.H. In situ observations of pre-patterned void interactions under electromigration-induced stress 42760
Frankovic, R., Bernstein, G.H. Duty cycle and frequency effects of pulsed-DC currents on electromigration-induced stress in Al interconnects 42761
Frankovic, R., Snider, G.L., Bernstein, G.H. A novel micromachining technique for the formation of extrusions 43392
Frankowsky, G. *see* Hangleiter, A. 55639
Frankowsky, G. *see* Ottenwaelder, D. 52654
Franks, C.I. Calibration of optical foot pressure systems 49517
Franosch, M. *see* Bok, J. 1726
Franosch, M. *see* Wendt, H. 2811
Franquelo, L.G. *see* Barrero, F. 51001
Franquelo, L.G. *see* Carrasco, J.M. 50415
Franquelo, L.G. *see* Carrasco, J.M. 51165
Franquelo, L.G. *see* Galvan, E. 20109
Franquelo, L.G. *see* Galvan, E. 60790
Franquelo, L.G. *see* Torralba, A. 1064
Franquet, N. *see* Boy, J.J. 23265
Franse, J.J.M., Wyder, P. The science and technology of high magnetic fields: recent developments and outlook 4191
Fransen, P. Case history: electronically controlled fault current limiters allow inplant switchgear to be interconnected 61378
Franson, J.D. *see* Jacobs, B.C. 16712
Franssila, S. *see* Pirila, N. 54487
Fransson, J.E.S. *see* Israelsson, H. 28676
Fransson, K. *see* Ronnqvist, C. 59367
Franta, D. *see* Ohlidal, I. 7639
Frants, O.B. *see* Bochkov, V.D. 28949
Frantsuz, E.T., Khavinson, V.M., Geneves, G., Piquemal, F. A proposed superconducting magnetic levitation system intended to monitor stability of the unit of mass 27198
Frantsuzov, A.A., Sapozhnikova, N.V., Feofanov, G.N. A multiinput electrometric amplifier-multiplexer operable at cryogenic temperatures 31122
Frantti, J. *see* Solis, J.L. 2058
Frantti, T. Design and developing an adaptive fuzzy logic advisory tool for materials purchasing in an electronics manufacturing environment 52172
Frantz, C. *see* Billard, A. 841
Frantz, C. *see* Billard, A. 40531
Frantzen, C. Nuclear safety in 1995–a further year of progress 29016
Frantzus, E., Khavinson, V. Moving-coil and levitated-mass methods to monitor the kilogram. Resemblance and dissemblances 27361
Franukevichius, D. *see* Vengalis, B. 41385
Franz, A., Ljubicic, A., Zachary, D.S. The NA44 data acquisition system in the CASCADE environment 36445
Franz, B. *see* Wedding, B. 26830
Franz, E., Jerichow, A., Moller, S., Pfitzmann, A., Stierand, I. Computer based steganography: how it works and why therefore any restrictions on cryptography are nonsense, at best 24777
Franz, G. Hydrogen in dry etching processes 42548
Franz, J. Benefits of communication methods in environmental protection 28668
Franz, J. *see* Kruger, L. 51003
Franz, M., Schuffny, R. An architectural study of a massively parallel processor for convolution-type operations in complex vision tasks 15873
Franz, O. *see* Lohner, A. 51791
Franz, P.M., St. Onge, R.J. MOSAIC: putting the nuclear work process pieces together 19490
Franz, R. *see* Gand, M. 47357
Franz, T. *see* Juptner, W. 55953
Franze, E. *see* Bruck, J. 5755
Franzen, F. *see* Reisinger, T. 21244
Franzen, F. *see* Rosenauer, A. 22241
Franzheld, R. *see* Gottschalch, V. 52641
Franzheld, R. *see* Kirpal, G. 40342
Franzin, L. *see* Bisello, D. 7813
Franzini, B. *see* Strojwas, A.J. 13139
Franzke, B. *see* Steck, M. 37080
Franzke, B. *see* Stohlker, Th. 7727
Franzo, G., Coffa, S., Priolo, F., Spinella, C. Mechanism and performance of forward and reverse bias electroluminescence at 1.54 μm from Er-doped Si diodes 33306
Franzo, G. *see* Coffa, S. 32118
Franzo, G. *see* Coffa, S. 42368
Franzo, G. *see* Nylandsted Larsen, A. 42371
Franzo, G. *see* O'Raifeartaigh, C. 30743
Franzon, P. *see* Lakhani, R. 40991
Franzon, P.D., Conte, T., Banerjia, S., Glaser, A., Lipa, S., Schaffer, T., Stanaski, A., Tekemen, Y. Computer design strategy for MCM-D/flip-chip technology 41220
Franzon, P.D., Glaser, A., Conte, T., Lipa, S., Banerjia, S., Schaffer, T., Alvorez, S., Stanaski, A., Tekmen, Y. Computer design strategy for MCM-D/flip-chip technology 11498
Franzon, P.D. *see* Harvatis, C. 12037
Franzosi, P. *see* Bocchi, C. 2319
Franzosi, P. *see* Francesio, L. 10726
Franzosi, P. *see* Zeng, L. 10614
Franzsen, V. *see* Francocci, E. 19214
Frappier, C. *see* Ghanem, R.B. 39979
Frascaria, R. *see* Arianer, J. 37191
Fraschetti, G.A. *see* Beauchamp, P.M. 36693
Fraser, A. Step-by-step SMT: Back to basics. I. Design for manufacture 41607
Fraser, D. *see* Melville, S. 16658
Fraser, D. *see* Wan, W. 56614
Fraser, D.A. *see* Jaitly, R. 57241
Fraser, G.W. *see* Brunton, A.N. 37532
Fraser, G.W. *see* Lees, J.E. 37535
Fraser, G.W. *see* Owens, A. 37368
Fraser, I. *see* Batac, G. 58541
Fraser, J. *see* Curtis, T. 47115
Fraser, J. *see* Schmuki, P. 2401
Fraser, J.A. *see* Greenhut, S.E. 37884
Fraser, M.E., Manning, C.D. A proposed predictive average current controller for four-wire boost rectifiers 9326
Fraser, M.E., Manning, C.D. Four-wire power factor corrected boost rectifier 60886
Fraser, N. Conversational speech technology: reaping the reward 16190
Fraser, N.M., Salmon, B., Thomas, T. Call routing by name recognition: field trial results for the Operetta™ system 46971
Frasier, S., McIntosh, R. Nonlinearities and reverse travelling energy observed in wavenumber-frequency spectra of X-band ocean backscatter 8489
Frasier, S. *see* Mead, J.B. 28593
Frasier, S.J., McIntosh, R.E. Observed wavenumber-frequency properties of microwave backscatter from the ocean surface at near-grazing angles 8501
Frassmann, N. Measurement uncertainties: basic measurement statistics 7127
Fratelli, L. *see* Vitale, G. 42954
Fratello, V.J., O'Bryan, H.M., Brandle, C.D. Search for high thermal expansion substrates for magneto-optic thick film garnets 13432
Fratello, V.J. *see* Korenivski, V. 7529
Frater, J.T. *see* Sinsabaugh, S.L. 61288
Frater, M. *see* Broad, K. 151
Frater, M.R. *see* Jian Zhang 26087
Frater, M.R. *see* Pickering, M.R. 5528
Fratiloiu, D. *see* Nicoara, G. 55036

Fratoddi, I. *see* Russo, M.V. 58721
Fratta, A., Pastorelli, M., Vagati, A., Villata, F. Comparison of power supply topologies for industrial drives, based on safety and EMC European standards or directives 9590
Fratta, A., Villata, F., Bergamasco, G. Design analysis of AC-AC convertors for industrial drives, based on European Directives specifications 61216
Fratta, A., Villata, F., Canavesio, E., Nepote, A. Comparative design of a new DC/DC conversion scheme for gas discharge lamp in automotive applications 9711
Fratta, L. *see* Bianchi, G. 47710
Frattini, R. *see* Yermakov, A.Y. 52831
Fratu, O., Halunga, S. A comparison between two strategies for evaluating the signal strength in Rayleigh fading environments 26592
Frauel, Y., Galstyan, T., Pauliat, G., Villing, A., Roosen, G. Topological map from a photorefractive self-organizing neural network 23618
Fraughnaugh, K., Locke, S.C. Finding independent sets in triangle-free graphs 463
Fraundorf, P. *see* Mulestagno, L. 42304
Frautschi, M. *see* Antos, J. 37373
Frautschi, M. *see* Matthews, J.A.J. 37266
Frautschi, M. *see* Unno, Y. 37395
Frautschi, M.A. *see* Seidel, S.C. 37387
Fravardin, N. *see* Cheng-Chieh Lee 34705
Fray, A.F. *see* Bamford, L.D. 56189
Fray, D.J. The use of solid electrolytes as sensors for applications in molten metals 27532
Fray, D.J. *see* Ahmed, N.N. 27749
Fray, D.J. *see* Kale, G.M. 27533
Fray, D.J. *see* Kale, G.M. 27758
Fray, D.J. *see* Slater, D.J. 27752
Fray, D.J. *see* Warner, T.E. 27742
Fray, D.J. *see* Zhang, L. 36527
Fray, R. *see* Griebenow, R. 9083
Fray, R.R. *see* Rayson, J.K. 9082
Frayman, F., Tegethoff, M., White, B. Issues in optimizing the test process–a Telecom case study 30177
Frayssse, V. *see* Amadieu, J.-L. 38167
Frazee, J.H. *see* Sparks, D.R. 23028
Frazer, R. *see* Knop, C.M. 24566
Frazier, A.B. *see* Beebe, D.J. 28058
Frazier, B. *see* Cook, J. 32577
Frazier, B. *see* Tsai, W. 2334
Frazier, D. *see* Sarkisov, S. 33100
Frazier, D.M. *see* Dingwell, J.B. 8140
Frazier, D.O. *see* Aggarwal, M.D. 10631
Frazier, L.M. Radar surveillance through solid materials 60164
Frchoso, F.A. *see* Riesco, M.V. 8873
Frear, D. *see* Essien, M. 22037
Frear, D.R., Burchett, S.N., Neilsen, M.K., Stephens, J.J. Microstructurally based finite element simulation of solder joint behaviour 39755
Frear, D.R., Burchett, S.N., Rashid, M.M. A microstructurally based model of solder joints under conditions of thermomechanical fatigue 30242
Frechette, M.F., Kamel, S., Bartnikas, R., Larocque, R.Y. Negative corona discharge in air with small SF_6 content 13218
Frechette, M.F., Kamel, S., Bartnikas, R., Larocque, R.Y. Change in the pulse regime of negative corona in air due to a small adjunct of SF_6 43465
Frechette, M.F. *see* Boucheloub, N. 13310
Frechette, M.F. *see* Boucheloub, N. 43464
Frechette, M.F. *see* Lussier, T. 13314
Frechette, M.F. *see* Rochefort, A. 43466
Frechette, M.F. *see* Rouleau, J.-F. 13302
Frechette, M.F. *see* St.-Arnaud, J.M. 13303
Frechette, M.F. *see* Trudeau, M.L. 19901
Freckleton, J.E. Use of senior design to support design for manufacturing projects 20802
Fred, A. *see* Gracias, N. 25509
Fred, A.L.N., Leitao, J.M.N. A minimum code length technique for clustering of syntactic patterns 4504
Fred, A.L.N., Leitao, J.M.N. Parsing in attributed grammars: application to automatic sleep analysis 28377
Fredd, E. *see* Ramakrishnan, S. 29436
Frederick, B.deB. *see* deB. Frederick, B.
Frederick, J.H. *see* Vachev, V.D. 55837
Frederick, M.G. *see* Paulson, E.K. 37644
Frederick, T., Erdol, N. Time-frequency estimation for cyclostationary signals 25132
Frederickson, A.R. Method for estimating spontaneous pulse rate for insulators inside spacecraft 28500
Frederickson, A.R. Concepts for secondary electron emission from irradiated insulators 28922
Frederickson, A.R., Woolf, S. Enhanced radiation shielding by space-charge fields in insulating slabs 43543
Frederiks, J. *see* Levert, J.V. 37815
Frederiksen, S. *see* Libing Yang 60521
Frederix, F. Planning and scheduling multi-site semiconductor production chains: a survey of needs, current practices and integration issues 30149
Frediani, C. *see* Gennari, S. 10839
Fredin, P. Compact prism based optics for two-axis gimbal systems allowing large aperture and field of regard 44155
Fredman, T., Saxen, H. Modelling and simulation of a cooling tower 38605
Free, C.E., Tang, K.P., Li, D., Pitt, K.E.G., Barnwell, P. High frequency interconnections and crosstalk on MCM structures 53646
Freebersyser, J.A., Devetsikiotis, M., Al-Qaq, W.A., Townsend, J.K. Fast simulation of tandem networks using importance sampling and stochastic gradient techniques 5819
Freebersyser, J.A., Townsend, J.K. Efficient simulation of cell loss probability in ATM networks with heterogeneous connection traffic descriptors 5713
Freeborough, P.A., Fox, N.C. Assessing patterns and rates of brain atrophy by serial magnetic resonance imaging: a segmentation, registration, display and quantification procedure 18395
Freeborough, P.A., Fox, N.C., Kitney, R.I. Interactive algorithms for the segmentation and quantitation of 3-D MRI brain scans 49565
Freeborough, P.A., Woods, R.P., Fox, N.C. Accurate registration of serial 3D MR brain images and its application to visualizing change in neurodegenerative disorders 37743
Freed, D.E. *see* de C. Chamon, C. 43159
Freedman, A., Bose, R., Steinberg, B.D. Thinned stepped frequency waveforms to furnish existing radars with imaging capability 16861
Freedman, A., Robinson, G.N. Hydrazoic acid: a potent 'active nitrogen' precursor for group III nitride growth 21255
Freedman, A., Steinberg, B.D., Chkhenkeli, G. Applying the minimum free energy spectral estimation algorithm to ISAR imaging 26972
Freedman, A.E. *see* Oppenheim, A.V. 25824
Freedman, J.E. The investigation of adaptive wake vortex separation benefits in actual airport operational environments 59979
Freedman, M.T. *see* Jyh-Shyan Lin 28142
Freedman, N.M.T., Bacharach, S.L., Carson, R.E., Price, J.C., Dilsizian, V. Effect of smoothing during transmission processing on quantitative cardiac PET scans 7913
Freedman, N.M.T. *see* Buvat, I. 7938
Freeland, G.C., Durrani, T.S. Fractal PN signals for broadband communications: Interpolation functions and PN wavelets 16068
Freeland, J. *see* Bueter, T. 19480
Freeman, A., Caro, E., Jordan, R., Kim, Y., Klein, J., Lou, Y., Shen, Y., Shaffer, S., Chang, C.Y., Stuhr, F. Lessons learned from the first two SIR-C missions: an engineering perspective 27011
Freeman, A., Evans, D., van Zyl, J.J. SAR applications in the 21st Century 16908
Freeman, A. *see* Biswas, P. 41228
Freeman, D. *see* Keiser, G. 16409
Freeman, D. *see* Keiser, G. 46645
Freeman, D. *see* Zinke, K. 32520
Freeman, E.M. *see* Ramirez, J.A. 44970
Freeman, E.M. *see* Ramirez, J.A. 44989
Freeman, E.M. *see* See, K.Y. 41605
Freeman, F. *see* Harriott, L.R. 22700
Freeman, G., Kierstead, J., Schweiger, W. Electrical parameter data analysis and object-oriented techniques in semiconductor process development 22914
Freeman, G. *see* Ahlgren, D.C. 43253
Freeman, G.H. *see* Erler, K. 4589
Freeman, H. *see* Shuang Chen 15666
Freeman, J. *see* Humphrey, M. 35835
Freeman, K.C. *see* Staveley-Smith, L. 36300
Freeman, M. *see* Ehsani, H. 32968
Freeman, N. *see* Cross, P. 37922
Freeman, P.N., Dutta, N.K. Intermodulation distortion for a hybrid AM-VSB/digital system using a 1.55-μm laser and an optical amplifier 6728
Freeman, P.N., Dutta, N.K. A hybrid AM-VSB/digital optical transmission system without increased modulation bandwidth 17079
Freeman, P.N., Dutta, N.K., Lopata, J. Semiconductor optical amplifier for wavelength conversion in subcarrier multiplexed systems 26699
Freeman, P.N. *see* Vurgaftman, I. 14664
Freeman, R. *see* Harriott, L.R. 42874
Freeman, R.L. Applications of high power millimeter waves in the DIII-D fusion program 41787
Freeman, S. *see* Bhattacharya, D. 53092
Freeman, S.L. *see* Vigon, B.W. 28985
Freeman, W.J. *see* Tang, R.X. 18419
Freeman, W.T. Exploiting the generic viewpoint assumption 15830
Freeouf, J.L. *see* Holden, T. 41918
Freeouf, J.L. *see* Leibovitch, M. 54160
Freer, R. *see* Fan, J. 21373
Freere, P. *see* McIver, A. 38666
Freese, E. Digital signal processing in CATV headends 48239
Freese, H. *see* Lee, Y.P. 50198
Freestone, D., Owen, M. Operational support systems for the future 35577
Freestone, J. *see* Alquie, C. 43572
Freestone, J. *see* Lewis, T.J. 43449
Fregonara, C.Zanotti *see* Zanotti Fregonara, C.
Frehaut, J. *see* Martinez, E. 49350
Frehlich, R.G. *see* Lottman, B.T. 60048
Frei, M. *see* Wever, T. 8329
Freiberg, L., Won-Sik Youn, Bhargava, V.K. Equalisation in a multi-carrier code division multiple access multi-rate system 16608
Freiberg, L. *see* Won-Sik Youn 16607,
Freiburger, P.D., Trahey, G.E. Parallel processing techniques for the speckle brightness phase aberration correction algorithm 59420
Freiburger, P.D. *see* Ng, G.C. 28132
Freiburghaus, P. *see* Wilde, E. 16421
Freidberg, J.P. *see* Chen, Y.J. 8911
Freidell, J.E. Commercial opportunities, versus government programs, will likely drive the future of laser communications 6844
Freidell, J.E. *see* Begley, D.L. 6781
Freidman, G.I., Feldchtein, F.I., Lozhkarev, V.V., Pasmanik, G.A., Shilov, A.A., Yakovlev, I.V. Prospects of using parametric and SRS oscillators and amplifiers for remote spectroscopy of the atmosphere and image amplification 18835
Freiesleben, H. *see* Huebner, B. 37357
Freiling, G., Jank, G. Existence and comparison theorems for algebraic Riccati equations and Riccati differential and difference equations 10244
Freiman, M. *see* Liersch, G. 29011
Freire, E.Oliveira *see* Oliveira Freire, E.
Freire, J.C. *see* Vaz, J.C. 41487
Freire, J.Costa *see* Costa Freire, J.
Freire, S.L.S., Cury, L.A., Matinaga, F.M., Valadares, E.C., Moreira, M.V.B., de Oliveira, A.G., Alves, A.R., Vilela, J.M.C., Andrade, M.S., Lima, T.N., Sluss, J.A. Quasiperiodic microfacets on the surface of AlGaAs/GaAs quantum well structures grown by molecular beam epitaxy on (311)A high-index substrates 22376
Freire, V.N. *see* Mendes, E.A. 41979
Freire Bastos, T. *see* Oliveira Freire, E. 50246
Freischlad, K. Large flat panel profiler 48790
Freisleben, B., Hagen, C. A hierarchical learning rule for independent component analysis 15275
Freisleben, B., Schrader, A. An evolutionary approach to color image quantization 57129
Freisleben, B. *see* Hoof, M. 54956
Freisleben, S. *see* Golshani, A. 55662
Freitag, B. Obtaining an advanced inert wave soldering process 39766
Freitag, I. Intensity noise of diode-pumped solid-state lasers. I. Theoretical basics and experimental examples 33443
Freitag, I. Intensity noise of diode-pumped solid-state lasers. II. Techniques for noise reduction 33444
Freitag, I., Tunnermann, A. 946-nm, 1064-nm, and 1319-nm operation of miniature Nd:YAG ring lasers with high single-frequency output power 14085
Freitag, I. *see* Harb, C.C. 14193
Freitag, I. *see* Schneider, K. 33436
Freitag, L. *see* Singh, H. 48157
Freitag, L.E., Catipovic, J.A., Eastwood, R.L. Acoustic communications system for the AMMT program 48144
Freitag, L.E. *see* Eastwood, R.L. 35372
Freitag, S. *see* Pohl, U.W. 40339
Freitas, C.G. *see* Coimbra, A.J.F. 34739
Freitas, D. *see* Matos, M. 8176
Freitas, D.S. *see* Araujo, R.E. 9575
Freitas, F.D. *see* Simoes Costa, A.J.A. 50360
Freitas, J.A. *see* Doverspike, K. 13034
Freitas, J.A. *see* Polyakov, A.Y. 2015
Freitas, J.A. Jr. *see* Wickenden, A.E. 40457
Freitas, P.P. *see* De Azevedo, M.M.P. 3187
Freitas, P.P. *see* Li Shuxiang 43667
Freitas, V. *see* Alfonso, J. 46740
Freitas, V. *see* Sousa, P. 6241
Freixas, J. *see* Carreras, F. 405
Frejlich, J., de Carvalho, E., Freschi, A.A., Andreeta, J.P., Hernandes, A.C., Carvalho, J.F., Gallo, N.J.H. Stabilized holographic setup for the real-time continuous measurement of surface vibrational mode patterns 59028
Frekers, D. *see* Annis, P. 59237
Freltoft, T. *see* Dostanko, A.P. 43824
Freltoft, T. *see* Trahms, L. 49492
Fremont, H., Ahrens, C., Saint Christophe, E., Enockl, B., Fathi, M., N'kaoua, G., Pellet, C., Ferretti, R., Danto, Y. Time reduction of MCM-D prototype realization by process control and modeling 53844
Fremont, H. *see* Maidon, Y. 43218
Fremont, H. *see* Saint-Christophe, E. 12042
French, A. *see* Bellwied, R. 59284
French, A. *see* Pandey, S.U. 37293
French, C.D. *see* Acarnley, P.P. 61139
French, C.D. *see* Acarnley, P.P. 61165
French, I.D. *see* Young, N.D. 1342
French, J. *see* Safari, A. 10977
French, J.C. *see* Rabinkin, D.V. 21704
French, L.J. *see* Raychaudhuri, D. 6089
French, L.J. *see* Raychaudhuri, D. 26517
French, L.J. *see* Yuan, R. 47689
French, M., Knittel, J., Wyszynski, A. Applications of laser methods to automotive seat modal testing 59032
French, M. *see* De Fez-Laso, M.D.M. 37505
French, M.L. *see* White, M.H. 1368
French, P.J., Nagao, M., Esashi, M. Electrochemical etch-stop in TMAH without externally applied bias 32202
French, P.M.W. *see* Dowling, K. 27653
French, P.M.W. *see* Ritsataki, A. 3754
French, P.M.W. *see* Tong, Y.P. 44405

French, S., Ebrahimzadeh, M., Miller, A. Multiple wavelength generation in a picosecond optical parametric oscillator based on noncritically phase-matched LiB_3O_5 14337
French, S., Ebrahimzadeh, M., Miller, A. Intracavity-frequency-doubled picosecond optical parametric oscillator based on noncritically phase-matched LiB_3O_5 24123
Frend, E., Ivankovits, J.C., Dong, C. Wave soldering performance and optimization of VOC-free, no-clean fluxes 41691
Freni, A. Scattering from a dielectric cylinder axially loaded with periodic metallic rings 33958
Freni, A., Mias, C., Ferrari, R.L. Finite element analysis of electromagnetic plane wave scattering from axially periodic cylindrical structures 33929
Freni, S., Maggio, G. Energy balance of different internal reforming MCFC configurations 61059
Freni, S., Maggio, G., Cavallaro, S. Ethanol steam reforming in a molten carbonate fuel cell: a thermodynamic approach 29598
Frenkel, A. *see* Annis, P. 59237
Frenkel, A. *see* Berkovski, A.G. 12123
Frenkel, A. *see* Weiss, E. 10653
Frenkel, R.B. The Australian voltage standard using a 1 V Josephson array 27239
Frenken, J.W.M. *see* Zagwijn, P.M. 53903
Frenken, R.M.L., Rozendaal, C.M., Dijk, H.E., Knoester, P.C. Development of an advisory system based on a neural network for the operation of a coal fired power plant 19533
Frenkil, J. Using architectural-level tools to estimate power 52980
Frennberg, M., Sacconi, A. International comparison of high-accuracy roundness measurements 48903
Frensley, W.R. *see* Bowen, R.C. 42919
Frensley, W.R. *see* Klimeck, G. 54579
Frensley, W.R. *see* Lake, R. 2737
Frentzel, R. *see* Brocke, R. 14637
Frenz, M., Pratisto, H., Konz, F., Jansen, E.D., Welch, A.J., Weber, H.P. Comparison of the effects of absorption coefficient and pulse duration of 2.12-μm and 2.79-μm radiation on laser ablation of tissue 18504
Frere, A.F. *see* de Azevedo Marques, P.M. 37705
Frere, A.F. *see* Marques, M.A. 37707
Frere, A.F. *see* Oliveira, H.J.Q. 37708
Frere, P.E.M. *see* Gibbs, M.R.J. 2855
Frerichs, C., Unrau, U.B. Passive Q-switching and mode-locking of erbium-doped fluoride fiber lasers at 2.7 μm 13992
Frerichs, I., Hahn, G., Hellige, G. Gravity-dependent phenomena in lung ventilation determined by functional EIT 18456
Frerichs, I. *see* Hahn, G. 18457
Frerking, M.E. Fifty years of progress in quartz crystal frequency standards 17166
Freschi, A.A. *see* Frejlich, J. 59028
Frescura, F. *see* Cacopardi, S. 5807
Frescura, F. *see* Cacopardi, S. 16410
Fresina, M.T., Ahmari, D.A., Thomas, S., Barlage, D.W., Martino, C.A., Feng, M., Stillman, G.E. High-speed InP/InGaAs heterojunction bipolar transistor utilizing nonalloyed contacts on n+-InP contacting layers 2606
Fresina, M.T., Hartmann, Q.J., Stillman, G.E. Selective self-aligned emitter ledge formation for heterojunction bipolar transistors 12900
Fresina, M.T., Hartmann, Q.J., Thomas, S., Ahmari, D.A., Caruth, D., Feng, M., Stillman, G.E. InGaP/GaAs HBT with novel layer structure for emitter ledge fabrication 42961
Fresina, M.T. *see* Hartmann, Q.J. 40640
Fresser, H.S. *see* Meier, G.D. 22483
Fretel, E. *see* Juncar, P. 17182
Fretwell, R., Kouvatsos, D. Effect of burst structure in correlated traffic: Markov modulated processes 25907
Fretwell, R. *see* Jan, H.-J. 35417
Fretwell, R. *see* Kouvatsos, D. 5821
Fretwurst, E. *see* Feick, H. 59261
Freude, W. Transport solutions for the SCH quantum-well laser diode: comment 14132
Freudenberger, R., Ganz, J., Kaspar, F., Marka, E., Michal, R. Contact and connection properties of autocatalytically increased gold-deposits 11989
Freudenreich, K. *see* Adam, A. 37280
Freudenthal, A. *see* Wang, H. 11721
Freund, A.K., Munkholm, A., Brennan, S. X-ray diffraction properties of highly oriented pyrolytic graphite 37068
Freund, A.K. *see* Hartman, Ya. 49360
Freund, B. *see* Burney, M. 14436
Freund, D., Kostka, A. A new physical, quasi 3-D, compact model of lateral bipolar transistors for circuit simulation 22778
Freund, H.P., Nguyen, K., Pershing, D.E. Theory of a ubitron in a corrugated waveguide 1943
Freund, H.P., Zaidman, E.G. Three-dimensional theory of helix TWTs: models and applications 12119
Freund, H.P. *see* Zaidman, E.G. 12121
Freund, H.von *see* von Freund, H.
Freund, J. Space-time finite element methods for second order problems: an algorithmic approach 21209
Freund, L., Israel, M., Rousseau, F., Berge, M., Auguin, M., Belleudy, C., Gogniat, G. A codesign experiment in acoustic echo cancellation: GMDFα 1326
Freund, L.B. The mechanics of a free-standing strained film/compliant substrate system 40490
Freund, R.M. Following a "balanced" trajectory from an infeasible point to an optimal linear programming solution with a polynomial-time algorithm 10409
Freund, R.W., Feldmann, P. Reduced-order modeling of large passive linear circuits by means of the SyPVL algorithm 11100
Freundlich, A. *see* Medelci, N. 12338
Freundlich, A. *see* Rossignol, V. 10719
Freundlich, P., Kolodziej, H.A. The system for complex electric permittivity measurements of solid-state materials in the range of 20 Hz to 1 GHz 48828
Freundorfer, A.P., Falt, C. A Ka-band GaInP/GaAs HBT double balanced upconvert mixer 11729
Freundorfer, A.P., Jamani, Y. A Ka-band GaInP/GaAs HBT four-stage low noise amplifier 11728
Freundorfer, A.P., Jamani, Y. A Ka-band HBT four-stage low noise amplifier 41475
Freundorfer, A.P. *see* Nguyen, T.L. 11727
Freundorfer, A.P. *see* Nguyen, T.L. 41504
Freundorfer, A.P. *see* Nguyen, T.L. 41525
Frey, A., Takahashi, Y. A simple analysis for an M/GI/1/N queue with vacation time and exhaustive service discipline 21034
Frey, D. *see* Zhilong Tang 11606
Frey, D.J., Waterbury, S.S., Johnson, K.F. LES: an innovative development for lighting system performance evaluation 39417
Frey, F. *see* Koppl, G. 8868
Frey, H. *see* Silier, I. 30759
Frey, H.U., Frey, S., Bauer, O.H., Haerendel, G. Three-dimensional reconstruction of the auroral arc emission from stereoscopic optical observations 18851
Frey, H.U., Lieb, W., Bauer, O.H., Hofner, H., Haerendel, G. CCD-camera system for stereoscopic optical observations of the aurora 50072
Frey, J. *see* Frey, R. 44709
Frey, J. *see* Lewis, L. 57734
Frey, K.A. *see* Kim, B. 15995
Frey, L. Multimedia voice for the 21st Century 47319
Frey, L. *see* Jiao, G.Y. 49296
Frey, L. *see* Lipp, S. 21350
Frey, L. *see* Lipp, S. 22583
Frey, L. *see* Morimoto, W. 31696
Frey, R., Frey, J., Flytzanis, C. Phase-modulation-induced two-wave mixing in semiconductors 44709
Frey, R. *see* Abe, K. 59233
Frey, R. *see* Wabnitz, S. 14304
Frey, S. *see* Frey, H.U. 18851
Frey, T. *see* Griebl, E. 22387
Frey, T. *see* Reinhardt, M. 16518
Frey, U., Meffert, H., Haibach, P., Ustuner, K., Jakob, G., Adrian, H. $Bi_2Sr_2Ca_2Cu_3O_{10+\delta}$ based Josephson junctions and SQUIDs 43822
Freyer, G.J., Hatfield, M.O., Johnson, D.M., Slocum, M.B. Comparison of measured and theoretical statistical parameters of complex cavities 45188
Freyer, G.J., Hatfield, M.O., Loughry, T.A. Cavity to cavity coupling measurements in commercial aircraft and the implications for on-board operation of personal electronic devices 49913
Freyer, G.J., Hatfield, M.O., Slocum, M.B. Characterization of the electromagnetic environment in aircraft cavities excited by internal and external sources 49912
Freyer, J. *see* Bauer, T. 21933
Freyer, R. *see* Schmitt, T. 37704
Freyer, R. *see* Vogel, U. 37637
Freyhult, T. *see* Vincent, C. 9310
Freyman, B. *see* Briar, J. 20922
Freyman, B. *see* Darveaux, R. 20884
Freymann, R. *see* Klingele, H. 48945
Freymueller, J. *see* Lu, Z. 60017
Freymuth, P. Interpretation in the control theory of thermal anemometers 36537
Freymuth, P., Fingerson, L.M. Hot-wire anemometry at very high frequencies: effect of electronic noise 36536
Freyne, P.J. *see* Smiddy, P.F. 7897
Freynet, M., Defee, I., Luoma, P. Development of an interactive multimedia system based on the DAVIC standard 57983
Freysson, S. *see* Blaabjerg, F. 51181
Freysz, E. *see* Maleck Rassoul, R. 55824
Frezza, F., Schettini, G., Borghi, R., Gori, F., Santarsiero, M. Plane-wave scattering by N conducting circular cylinders arbitrarily placed near a partially reflecting flat surface 33980
Frezza, F. *see* Di Nallo, C. 11657
Frezza, R. *see* Soatto, S. 15702
Friberg, A.T., Fagerholm, J., Salomaa, M.M. Space-frequency analysis of nondiffracting pulses 45158
Friberg, A.T. *see* Eppich, B. 55774
Friberg, N. *see* Waldelof, C. 18642
Friberg, S.R. *see* Levanon, A. 24163
Frick, O. Formal description and interpretation of coordination protocols for teamwork 25958
Fricke, D.-H., Bernier, F. Automatic adjustment in microwave heating systems 61329
Fricke, J., Obermeier, E. An accelerometer made in a two-layer surface-micromachining technology 17265
Friday, A. *see* Davies, N. 47585
Fridenberg, J.T., Fettig, R.A. Worst case analysis or "preparing for Murphy" 30386
Fridi, A.R. *see* Itoh, K. 1401
Fridisch, M., De Jabrun, G., Pinot, I. Terminals for accessing the Internet–the Internet telephone 35847
Fridkin, V.M. *see* Dalba, G. 23652
Fridkin, V.M. *see* Dam-Hansen, C. 3308
Fridley, J.L. *see* Lamancusa, J.S. 20696
Fridman, E., Shaked, U. On regional nonlinear H^∞-filtering 34805
Fridman, E., Shaked, U. Regional nonlinear H^∞ filtering 34844
Fridman, J., Manolakos, E.S. On the scalability of 2-D discrete wavelet transform algorithms 45864
FridtjofWisur-Olsen, L., Baraniuk, R.G. Optimal phase kernels for time-frequency analysis 15369
Friebele, E.J., Askins, C.G., Putnam, M.A., Heider, P.E., Blosser, R.G., Florio, J., Jr., Donti, R.P., Garcia, J. Demonstration of distributed strain sensing in production scale instrumented structures 17439
Friebele, E.J. *see* Davis, M.A. 17451
Friebele, E.J. *see* Davis, M.A. 36646
Friebele, E.J. *see* Jones, R.T. 17407
Friebele, E.J. *see* Jones, R.T. 48576
Friebele, E.J. *see* Tsung-Ein Tsai 43964
Friebele, E.J. *see* Williams, G.M. 47914
Fried, M. *see* El-Sherbiny, M.A. 12650
Fried, M. *see* Krotkus, A. 51599
Fried, R. Low-power digital PLL with one cycle frequency lock-in time for clock syntheses up to 100 MHz using 32,768 Hz reference clock 11548
Fried, R. High-efficiency low-power one-clock solutions for multi-clock chips and systems 53385
Fried, R., Azmanov, Z. Low-power frequency multiplier with one cycle lock-in time and 100 ppm frequency resolution, for system power-management 11622
Fried, R., Enz, C.C. MOST implementation of Gilbert sin(x) shaper 1188
Fried, R., Holzer, R. Low power and EMI, high frequency, crystal oscillator 21528
Fried, R. *see* Blecher, Y. 2787
Friedel, K.P. *see* Felba, J. 53914
Frieder, O. *see* Makki, K. 6476
Frieder, O. *see* Makki, K. 46830
Friedl, M.A. Modeling area-averaged fluxes over partially vegetated land surfaces using aircraft and in-situ thermal data 8473
Friedland, B. *see* Belikov, S. 22500
Friedland, K.-J., Hey, R., Kostial, H., Klann, R., Ploog, K. New concept for the reduction of impurity scattering in remotely doped GaAs quantum wells 12386
Friedland, K.-J., Hirayama, Y., Fujisawa, T., Saku, T., Tarucha, S. Tunnelling and transfer between 1D and 2D electrons in adjusted quantum wells with thin barrier 12452
Friedland, K.-J. *see* Herfort, J. 12471
Friedland, K.-J. *see* Herfort, J. 32036
Friedland, K.D. *see* Fischer, G. 17284
Friedland, N. *see* Wissinger, J. 6938
Friedland, N.S. Feature characterization in the context of model-based search 6904
Friedland, N.S., Rosenfeld, A. An integrated approach to 2D object recognition 56916
Friedland, P., Robison, P. Open system, video projection power system visualization system 60303
Friedlander, B., Francos, J.M. Model-based two-dimensional phase unwrapping 15195
Friedlander, B., Francos, J.M. Model based phase unwrapping of 2-D signals 15335
Friedlander, B., Zeira, A. On detecting broadband signals in frequency and time-dispersive channels 16977
Friedlander, B. *see* Bose, S. 4871
Friedlander, B. *see* Francos, J.M. 24938
Friedlander, B. *see* Porat, B. 4772
Friedlander, B. *see* Porat, B. 4895
Friedlander, B. *see* Porat, B. 24596
Friedlander, B. *see* Porat, B. 56469
Friedlander, B. *see* Weiss, A.J. 4889
Friedlander, B. *see* Weiss, A.J. 34720
Friedlander, B. *see* Weiss, A.J. 58223
Friedlander, B. *see* Yellin, D. 4690
Friedlander, B. *see* Yuen, N. 4680
Friedlander, B. *see* Yuen, N. 4882
Friedlander, B. *see* Yuen, N. 56569
Friedlander, B. *see* Zeira, A. 25209
Friedlmeier, T. *see* Herbernholz, R. 12323
Friedlmeier, T.M., Braunger, D., Hariskos, D., Kaiser, M., Wanka, H.N., Schock, H.W. Nucleation and growth of the CdS buffer layer on $Cu(In,Ga)Se_2$ thin films 39076
Friedman, A. Induction-accelerator heavy-ion fusion: status and beam physics issues 18046
Friedman, A., Barnard, J.J., Cable, M.D., Callahan, D.A., Deadrick, F.J., Eylon, S., Fessenden, T.J., Grote, D.P., Hopkins, H.A., Karpenko, V.P., Judd, D.L., Kirbie, H.C., Longinotti, D.B., Lund, S.M., Nattrass, L.A., Nelson, M.B., Newton, M.A., Sangster, T.C., Sharp, W.M. Recirculating induction accelerators for inertial fusion: prospects and status 59103
Friedman, A. *see* Barnard, J.J. 59104
Friedman, A. *see* Grote, D.P. 59129

Friedman, A. *see* Haber, I. 18026
Friedman, A. *see* Haber, I. 18035
Friedman, A. *see* Haber, I. 59125
Friedman, A. *see* Sharp, W.M. 59130
Friedman, D.J. Modelling of tandem cell temperature coefficients 38983
Friedman, D.J., Kurtz, S.R., Sinha, K., McMahon, W.E., Kramer, C.M., Olson, J.M., Lasich, J.B., Cleeve, A.X., Connaughton, I. On-sun concentrator performance of GaInP/GaAs tandem cells 38982
Friedman, D.J. *see* Olson, J.M. 61080
Friedman, E.G., Mulligan, J.H., Jr. Ramp input response of RC tree networks 11155
Friedman, E.G. *see* Adler, V. 2826
Friedman, E.G. *see* Adler, V. 13141
Friedman, E.G. *see* Cherkauer, B.S. 1294
Friedman, E.G. *see* Hahm, M.D. 1617
Friedman, E.G. *see* Soyata, T. 40788
Friedman, G.J. Risk management applied to planetary defense 52093
Friedman, J.W. *see* Hsiao-Chi Chen 40001
Friedman, L., Soref, R.A., Sun, G. Quantum parallel laser: a unipolar superlattice interminiband laser 55698
Friedman, L. *see* Dean, D. 18391
Friedman, L. *see* Kahan, A. 42216
Friedman, L. *see* Sun, G. 44548
Friedman, L.J., Hobbs, D.S., Lieberman, S., Corkum, D.L., Nguyen, H.Q., Resler, D.P., Sharp, R.C., Dorschner, T.A. Spatially resolved phase imaging of a programmable liquid-crystal grating 7635
Friedman, M., Henne, M., Kandel, A. Most typical values for fuzzy sets 52471
Friedman, M.B. *see* Fromm, E. 20606
Friedman, N., Eyal, A., Tur, M. The use of the principal states of polarization to describe tunability in a fiber laser 55525
Friedman, P.A. Time-frequency analysis of electromagnetic pollution in radio astronomy receivers 48192
Friedman, R., van Renesse, R. Strong and weak virtual synchrony in Horus 5690
Friedmann, J.B., Shohet, J.L., Mau, R., Hershkowitz, N., Bisgaard, S., Shawming Ma, McVittie, J.P. Plasma-parameter dependence of thin-oxide damage from wafer charging during electron-cyclotron-resonance plasma processing 32078
Friedmann, M., Shamir, J. Resolution enhancement by extrapolation of the optically measured spectrum of surface profiles 56837
Friedmann, M. *see* Deel, D. 27152
Friedmann, T.A. *see* Missert, N. 41769
Friedrich, A. *see* Eckerle, R. 8785
Friedrich, B. *see* Bergmann, K. 60978
Friedrich, C., Naukamm, J. Power supply system at the Leuna chemicals facility 9752
Friedrich, C., Nousiainen, H. TAIKA–operations control system for the Finish railways 39335
Friedrich, C.R., Coane, P.J., Vasile, M.J. Micromilling development and applications for microfabrication 43398
Friedrich, C.R., Vasile, M.J. The micromilling process for high aspect ratio microstructures 54834
Friedrich, G. *see* Blumel, D. 9667
Friedrich, H. *see* Plath, M. 6069
Friedrich, I. *see* Lachenmann, S.G. 23419
Friedrich, I. *see* Lachenmann, S.G. 43807
Friedrich, J., Baumgartl, J., Leister, H.-J., Mueller, G. Experimental and theoretical analysis of convection and segregation in vertical Bridgman growth under high gravity on a centrifuge 10656
Friedrich, J. *see* Braun, M. 11421
Friedrich, J. *see* Voorma, H.-J. 42852
Friedrich, K. *see* Selan, M. 20011
Friedrich, L.W. Unisys system burn-in requirements and burn-in implementation 39930
Friedrich, M., Buerger, W., Henke, D., Turuc, S. The Rossendorf 3 MV tandetron: a new generation of high-energy implanters 49156
Friedrich, R., Martinka, J., Sienknecht, T., Saunders, S. Integration of performance measurement and modeling for open distributed processing 6074
Friedrich, R. *see* Martinka, J. 5951
Friedrich, R. *see* Uhl, C. 4822
Friedrich, Th., Kahlen, K., Henneberger, G. Operation of an observer for the airgap of a hybrid magnetic levitated system 39329
Friedrichs, C.C., Jr *see* Lyles, J.T.M. 49173
Friedsam, G.L., Biebl, E.M. A broadband free-space dielectric properties measurement system at millimeter wavelengths 27859
Friedsam, H. *see* Cho, Y. 18067
Friel, G.J., Clarkson, W.A., Hanna, D.C. High-gain Nd:YLF amplifier end-pumped by a beam-shaped broad-stripe diode laser 3775
Frieling, G., Lutter, F.-J., Schulze, H. Bit error measurements for the assessment of the DAB radio supply 27132
Friemel, B.H., Bohs, L.N., Trahey, G.E. Relative performance of two-dimensional speckle-tracking techniques: normalized correlation, non-normalized correlation and sum-absolute-difference 28182
Friemel, B.H. *see* Bohs, L.N. 28183
Friemelt, K. *see* Kloc, Ch. 30711
Friend, R.H. Semiconductor device physics with conjugated polymers 33300
Friend, R.H., Denton, G.J., Halls, J.J.M., Harrison, N.T., Holmes, A.B., Kohler, S., Lux, A., Moratti, S.C., Pichler, K., Tessler, N., Towns, K., Wittmann, H.F. Electronic excitations in luminescent conjugated polymers 44224
Friend, R.H., Denton, G.J., Holmes, A.B., Moratti, S.C., Pichler, K., Tessler, N., Towns, K., Wittmann, H.F. Conducting polymers in microelectronic devices 23669
Friend, R.H. *see* Baigent, D.R. 13876
Friend, R.H. *see* Becker, H. 33271
Friend, R.H. *see* Cacialli, F. 13872
Friend, R.H. *see* Garten, F. 55448
Friend, R.H. *see* Tessler, N. 33304
Friend, R.H. *see* Trouillas, P. 22202
Fries, A., Sen, A. A survey of discrete reliability-growth models 30389
Friese, G. *see* Ahrens, C. 42642
Friese, J. *see* Schicker, R. 18140
Friesel, D.L. *see* Hull, E.L. 59351
Friesel, D.L. *see* Pehl, R.H. 18098
Friesem, A. *see* Hasman, E. 33762
Friesem, A.A. *see* Glasberg, S. 43998
Friesem, A.A. *see* Peled, A. 3449
Friesem, A.A. *see* Reinhorn, S. 44748
Friesem, A.A. *see* Sharon, A. 13672
Friesem, A.A. *see* Shechter, R. 4108
Friesem, A.A. *see* Shechter, R. 4151
Friesem, A.A. *see* Weiss, V. 23435
Friesen, D., St. George, D. Independent laboratory and field tests of a Written-Pole™ motor 29223
Friesen, V.J., Wong, J.W. Migrating to ATM in the local area 6120
Friesen, V.J., Wong, J.W. A case study in local area migration to ATM 47196
Friesinger, H. *see* Wittmann, H. 51572
Frietman, E.E.E. CMOS opto-electronic logic elements 44139
Frieze, A.M. *see* Broder, A.Z. 5794
Frigeri, C. *see* Carnera, A. 12699
Frigeri, P. *see* Brusaferri, L. 12378
Fright, W.R. *see* Carr, J.C. 28219
Frigo, N.J. Local access optical networks 16459
Frigo, N.J. Optical networking for local access 36158
Frigo, N.J., Iannone, P.P., Reichmann, K.C., Walker, J.A., Goossen, K.W., Arney, S.C., Murphy, E.J., Ota, Y., Swartz, R.G. Demonstration of performance-tiered modulators in a WDM PON with a single shared source 16762
Frigo, N.J. *see* Mayweather, D.T. 36166
Frigo, N.J. *see* Reichmann, K.C. 47971
Frigui, H., Krishnapuram, R. A robust algorithm for automatic extraction of an unknown number of clusters from noisy data 15437
Frigui, I., Stone, R., Alfa, A.S. Message delay for a priority-based automatic meter reading network 47000
Frigyes, G. AS-i: A cost-effective, bit-level open network 6104
Frigyes, I. *see* Binh, N.Q. 6438
Frigyes, I. *see* Jones, S.M.R. 35988
Frijlink, P.M., Collet, A., Bellaiche, J., Iost, M., Verheijen, M.J., Van Hellepute, H.R.J.R., Moors, W.G.J., van Delft, F.C.M.J.M. Development of a 100 nm gate power HEMT using four-layer resist and flexible e-beam exposure strategies 43133
Frikel, M., Bourennane, S. Bearing estimation in the unknown noise fields 34840
Frikel, M., Bourennane, S. Direction finding for wideband signals using fast coherent signal subspace 45992
Frikel, M. *see* Bourennane, S. 45990
Frin, R. *see* Dubost, G. 4383
Frings, J. LINDA–a development platform for the planning of ATM networks 57680
Frings, P.H. *see* van Bockstal, L. 7544
Fringuelli, B. *see* Faldella, E. 46292
Frins, E.M., Dultz, W. Rotation of the polarization plane in optical fibers 23497
Frins, E.M., Dultz, W. Direct observation of Berry's topological phase by using an optical fiber ring interferometer 43961
Friolo, S. *see* Azancot, I. 37654
Frisbee, R.H. *see* Das, R.S.L. 18685
Frisch, J. *see* Alley, R. 37033
Frisch, J. *see* Ross, M.C. 37150
Friscourt, M.R. *see* Driouch, F. 11681
Frisk, R.A. The use of automatic optical inspection systems to compliment electrical testing in the production of bare multilayer PCBs 10192
Frison, T.W., Peng, C.K., Katz, R.A. Chaotic data analysis of heart R-R interval EKG data 28368
Friswell, M.I. *see* Beaven, R.W. 60787
Fritsch, B. *see* Benfer, E. 16961
Fritsch, B. *see* Faller, N.P. 8349
Fritsch, B. *see* Hippler, J. 27039
Fritsch, D.S. *see* McAuliffe, M.J. 15992
Fritsch, D.S. *see* Oliver, W.R. 56646
Fritsch, H. *see* Hauptmann, M.A. 27595
Fritsch, J., Rogina, I. The bucket box intersection (BBI) algorithm for fast approximative evaluation of diagonal mixture Gaussians 14994
Fritschi, M. *see* Adam, A. 37280
Fritts, J. *see* Bilas, A. 46523
Fritts, J. *see* Wolfe, A. 35109
Fritts, J. *see* Wolfe, A. 41239
Fritz, D.J. *see* Jackel, J.L. 3496
Fritz, H.P. *see* Zank, J. 40494
Fritz, I.J., Brennan, T.M. Semiconductor characterization by a new contactless electroreflectance technique employing surface acoustic waves 42188
Fritz, I.J., Drummond, T.J., Lee, S.R., Hafich, M.J., Howards, A.J., Briggs, R.D., Vawter, G.A., Armendariz, M.G., Hietala, V.M., Follstaedt, D.M. Low-voltage vertical-cavity transmission modulator for 1.32 μm 33122
Fritz, I.J. *see* Wang, L. 3632
Fritz, J.N. The complete ISDN telecommuter 16356
Fritz, J.N. Building bridges and secure connections 46708
Fritz, L. *see* Karnett, M. 43311
Fritz, M.E., Berg, G., Cross, D.A., Wilkinson, M.C. Photonics Space Experiment on-orbit results 49890
Fritz, P. *see* Eiben, K. 50741
Fritzinger, L. *see* Liu, C.T. 2641
Fritzke, B. The LBG-U method for vector quantization–an improvement over LBG inspired from neural networks 56348
Fritzsch, L. *see* Wende, G. 27231
Fritzsche, B., Fuchs, S., Kirstein, B. On Arov-normalized j_{pq}-elementary factors 30588
Fritzsche, B., Kirstein, B., Muller, K. A block completion problem for matrix-valued inner functions 30589
Fritzsche, D. *see* Bertenburg, R.M. 53047
Fritzsche, H. *see* Mailis, S. 24301
Fritzsche, J.C. Multimedia building blocks for distributed applications 6333
Fritzson, P. *see* Engstrom, K. 47316
Frix, W.M., Karady, G.G. A circuital approach to estimate the magnetic field reduction of nonferrous metal shields 34111
Frixione, M. *see* Chella, A. 46376
Frize, M. Women in engineering in Canada: the next challenges 9857
Frizzell, R. *see* Adkins, K.C. 1372
Frobenius, R. *see* Besser, L. 11198
Froberg, N.M. *see* Swaminathan, V. 16774
Froberg, N.M. *see* Veselka, J.J. 26757
Frodigh, M. *see* Almgren, M. 47651
Frodigh, M. *see* Kronestedt, F. 47750
Froehlich, K., Hoelzl, C., Stanek, M., Carvalho, A.C., Hofbauer, W., Hoegg, P., Avent, B.L., Peelo, D.F., Sawada, J.H. Controlled closing on shunt reactor compensated transmission lines. I. Closing control device development 50631
Froehlich, K., Hoelzl, C., Stanek, M., Carvalho, A.C., Hofbauer, W., Hoegg, P., Avent, B.L., Peelo, D.F., Sawada, J.H. Controlled closing on shunt reactor compensated transmission lines. II. Application of closing control device for high-speed autoreclosing on BC Hydro 500 kV transmission line 50645
Froehly, C. *see* Menard, S. 33603
Frohleke, N., Richter, J., Wallmeier, P., Grotstollen, H. Soft switching forward-flyback converter with one magnetic component and current doubler rectification circuit 38829
Frohleke, N. *see* Maas, J. 51714
Frohleke, N. *see* Sun, J. 38836
Frohlich, H.-J. *see* Hesjedal, T. 28684
Frohlich, H.-J. *see* Hesjedal, T. 50239
Frohlich, K. *see* Huber, E. 29488
Frohlich, K. *see* Johler, W. 11831
Frohlich, R. *see* Hubmann, M. 28360
Frohlinghaus, T., Buhmann, J.M. Regularizing phase-based stereo 5109
Frohlinghaus, T., Szeto, K.Y. Time series prediction with hierarchical radial basis function 25248
Frohn, A. *see* Anders, K. 28620
Frohn, R.C., Estes, J.E. Validating global landcover classification pattern using spatial resolution-independent landscape metrics 8563
Frohnhoff, B., Schulz-Sternkopf, P. An advanced TMN test system–TSE-P 35627
Frohnwieser, A. *see* Lindner, J.K.N. 12703
Frohnwieser, A. *see* Lindner, J.K.N. 21333
Froidure, J.-C., Megret, P., Moeyaert, V., Lamquin, M., Blondel, M., Lebrun, C., Goerg, P., Tasia, T. Experimental and theoretical study of intrinsic and clipping-induced distortions in CATV DFB laser diodes 6738
Froidure, J.-C. *see* Braye, G. 7076
Froidure, J.-C. *see* Wang, X. 44747
Froitzheim, K. *see* Wolf, K.H. 16240
Frojdh, C., Petersson, C.S. Comment on "Temperature dependence of the barrier height of metal-semiconductor contacts on 6H-SiC" [J. Appl. Phys. 79, 301 (1996)] 2231
Frojdh, K., Marcinkevicius, S., Olin, U., Silfvenius, C., Stalnacke, B., Landgren, G. Interwell carrier transport in InGaAsP multiple quantum well laser structures 12410
Frojdh, K. *see* Hofmann, M. 55878
Frolik, J.L. *see* Yagle, A.E. 14560
Frolind, P.-O. *see* Gustavsson, A. 8338
Frolind, P.-O. *see* Israelsson, H. 28676
Frolov, A.A. *see* Dianov, E.M. 13630
Frolov, A.A. *see* Dianov, E.M. 43963
Frolov, A.A. *see* Dianov, E.M. 43969
Frolov, A.A. *see* Dianov, E.M. 55194
Frolov, A.A. *see* Starodubov, D.S. 55834
Frolov, A.R. *see* Badura, E. 37241
Frolov, S.V., Ozaki, M., Gellermann, W., Vardeny, Z.V., Yoshino, K. Mirrorless lasing in conducting

polymer poly(2,5-dioctyloxy-p-phenylenevinylene) films 3761
Frolov, S.V. *see* Akimov, V.A. 28024
Frolov, V.D. *see* Karabutov, A.V. 53922
Frolov, V.V. Anomalous incident on June 27-30, 1990 in the object "cover" at the Chernobyl nuclear power plant 60516
Frolov, Yu.N. *see* Velikanov, S.D. 44333
Frolova, E.V. *see* Aandreyev, G.A. 36024
Fromen, C.W. *see* Kezunovic, M. 28936
Fromherz, P. Interfacing neurons and silicon by electrical induction 12924
Fromherz, P. *see* Stett, A. 41376
Fromherz, P. *see* Weis, R. 41698
Fromherz, T. *see* Kruck, P. 17348
Fromhold, T.M. *see* Eaves, L. 42158
Fromhold, T.M. *see* Wilkinson, P.B. 12477
Fromm, E., Ernst, E.W., Friedman, M.B., Demel, J.T. Gateway coalition: bringing it together 20606
Fromm, H. *see* Kuhlen, H. 6699
Fromm, M. *see* Klemradt, U. 12283
Fromm, P. *see* Drews, P. 48874
Fromm, R. *see* Patterson, D. 53275
Frommer, A., Pinto, M.R., Bude, J.D. Two-stage drain leakage degradation in sub-micron MOSFET technology 2651
Frommer, A. *see* Brener, I. 2224
Frommer, A. *see* Brener, I. 11677
Fromsel, L.V. *see* Fromsel, V.N. 29025
Fromsel, V.N., Zubkov, A.A., Fromsel, L.V. Increasing the capacity of the container for storage and transportation of worked-out RBMK fuel assemblies 29025
Fromzel', L.V. *see* Zubkov, A.A. 29039
Fromzel', V.N. *see* Zubkov, A.A. 29039
Fronckowiak, D., Peikert, A., Nishinohara, K. Using discrete event simulation to analyze the impact of job priorities on cycle time in semiconductor manufacturing 32497
Froning, A., Holzbaur, H. 13 modems: fast for the Web 47455
Frosh, M. *see* Houshmand, A.A. 52300
Frosini, P. *see* Landi, C. 46025
Frost, A., Kuznar, R., Zemva, A., Zajc, B. An experimental programmable environment for prototyping digital circuits 11147
Frost, B.G. *see* Lunedei, E. 7543
Frost, J.E.F. *see* Jones, K.A. 12543
Frost, J.E.F. *see* Liang, C.-T. 54168
Frost, J.E.F. *see* Liang, C.-T. 54190
Frost, J.J. *see* Links, J.M. 7887
Frost, L.J., Privette, R.M., Khandkar, A.C. Progress in the planar CPn SOFC system design 19995
Frost, M.R., Magee, C.W. Characterization of nitrided SiO_2 thin films using secondary ion mass spectrometry 2381
Frost, N.E., McGrath, P.B. Permittivity and loss tangent of copper filled epoxy 32712
Frost, N.E., McGrath, P.B., Burns, C.W. Effect of fillers on the dielectric properties of polymers 2971
Frost, R., Appleby, R., Price, S., Nivelle, F., Allin, M., Hawkins, G.D.H. The detection of mines using RF/millimetric radiometry 8607
Frost, V. *see* Bush, S.F. 6582
Frost, V.S. *see* Bush, S.F. 6505
Frost, V.S. *see* Kunyan Liu 5976
Frost, V.S. *see* Lazarou, G.Y. 6085
Frota Mattos, M.A.da *see* da Frota Mattos, M.A.
Frotscher, U. *see* Rossow, U. 2187
Frowd, R.J. *see* Tufegdzic, N. 19588
Frowein, H. *see* Ferrari, F. 6006
Frowein, H. *see* Sandini, G. 26072
Froyd, J. *see* Frair, K. 20656
Froyd, J.E. *see* Anderson, C.W. 20687
Froyer, G. *see* Leising, G. 23663
Froyer, G. *see* Leising, G. 23691
Froyer, G. *see* Tasch, S. 44262
Frucci, M. *see* Ablameyko, S.V. 5381
Fruchart, D. *see* Garcia-Landa, B. 3030
Fruchart, D. *see* Garcia-Landa, B. 3053
Fruchart, D. *see* Liesert, S. 3119
Fruchart, D. *see* Tomey, E. 3050
Fruchart, D. *see* Tomey, E. 3245
Fruebing, P. *see* Nordmann, I. 52858
Fruehauf, N. *see* Maier, G. 13710
Frueholz, R.P. The effects of ambient temperature fluctuations on the long term frequency stability of a miniature rubidium atomic frequency standard 27823
Fruhauf, M. *see* Encarnacao, J.L. 26241
Frukacz, Z., Lukasiewicz, T., Matkowskii, A., Pracka, I., Sugak, D., Solskii, I., Vasylechko, L., Durygin, A. Effects of ionizing radiation on the optical absorption of $LiNbO_3$ and $YAlO_3$ single crystals 13534
Frukacz, Z. *see* Kaczmarek, S. 14028
Frukacz, Z. *see* Mierczyk, Z. 14029
Frullani, S. *see* Perrino, R. 37264
Frullone, M., Riva, G., Grazioso, P., Barbiroli, M. Resource planning for microcellular systems in real cities 47721
Frullone, M., Riva, G., Grazioso, P., Carciofi, C. PRMA performance in cellular environments with self-adaptive channel allocation strategies 6532
Frullone, M., Riva, G., Grazioso, P., Falciasecca, G. Advanced planning criteria for cellular systems 16623
Frullone, M. *see* Daniele, P. 45130
Frumento, P. *see* Cantatore, F. 9001
Frumkin, I. *see* Breskin, A. 18145
Frumkis, L. *see* Kaplan, B.-Z. 3253
Fruth, B.A., Gross, D.W. Partial discharge signal conditioning techniques for on-line noise rejection and improvement of calibration [machine insulation tests] 9184
Fruth, F., Geraniotis, E. An LMS array for CDMA wireless communication systems 6513
Frutiger, P.-M. Call centre systems 26070
Frutos, F. *see* Radu, I. 43438
Frutos, J.de *see* de Frutos, J.
Fry, C. *see* Barnett, G. 52120
Fry, C.D. *see* Parrot, M. 48197
Fry, E. The PSEL invests in hydroelectric and solar power research 9131
Fry, E.S. *see* Nikonov, D.E. 13957
Fry, F.J. *see* Sanghvi, N.T. 28413
Fry, G.E., Jordan, A., Lee, D.Y., Sawkar, A.S., Shah, N.J., Wiberg, W.C. Next generation wireless networks 47541
Fry, M., Ray, P., Seneviratne, A., Witana, V. Multimedia service delivery with guaranteed quality of service 35821
Fry, M. *see* Ray, P. 5956
Frye, C. *see* Fuller, R. 21386
Frye, D.B. Rechargeable power options for portable computers 38883
Frye, P. Integrated Solar Upper Stage (ISUS) mission trades 18737
Frye, R.C. The impact of passive component integration in mixed-signal applications 41715
Frye, R.C. Passive components in electronic applications: requirements and prospects for integration 53869
Frye, R.C. *see* Jenshan Lin 41717
Frye, R.C. *see* Simmons, W.D. 6576
Frye, R.C. *see* Simmons, W.D. 58163
Fryer, D. *see* Ocola, L.E. 22721
Fryhoff, D., Linden, R., Duncan, L. Achieving maximum MCM reliability 1893
Fryszczyn, B. *see* Eager, G.S. 50590
Fschmidl, F. *see* Weidl, R. 49568
Fthenakis, V.M., Eberspacher, C., Moskowitz, P.D. Recycling strategies to enhance the commercial viability of CIS photovoltaics 51564
Fthenakis, V.M. *see* Eberspacher, C. 51588
Fu, A.M.N., Hong Yan Effective classification of planar shapes based on curve segment properties 46224
Fu, C. *see* Chiu, S. 11289
Fu, C.C., Wang, H.F. Fuzzy resource allocations in project management when insufficient resources are considered 39670
Fu, C.K. *see* Lan, C.W. 10607
Fu, D. *see* Watson, G.P. 32288
Fu, D.-K. *see* Gebler, D.D. 44264
Fu, G.S., Wang, X.H., Yu, W., Han, L., Dong, L.F., Li, X.W. Textured diamond films growth on (100) silicon via electron-assisted hot filament chemical vapor deposition 40642
Fu, J., Schamschula, M., Caulfield, H.J., Savant, G., Jannson, T., Campbell, G., Noginov, M.A., Sarkisov, S.S., Darwish, A., Venkateswarlu, P. Experimental demonstration of a two stage binary optical time delay system 33114
Fu, J. *see* Liu, A. 32405
Fu, J.J. Directed graph pattern matching and topological embedding 34973
Fu, J.K. *see* Lim, C.W. 10919
Fu, J.S. *see* Liao, H.B. 24076
Fu, K., Guo, Y.J., Barton, S.K. Performance of the EY-NPMA protocol 47079
Fu, K.W. *see* He, Z.L. 5170
Fu, L.P. *see* Chtchekine, D.G. 40314
Fu, L.P. *see* Seng, W.F. 12800
Fu, M. *see* Chen, S. 24851
Fu, P.M. *see* Ding, Y. 14312
Fu, Q., Seier, F. High-average-power kilohertz sub-100-fs amplifier 3755
Fu, Q. *see* Danielius, R. 24129
Fu, R.-B., Fortier, P. VLSI implementation of parallel-serial LMS adaptive filters 41342
Fu, S. *see* Tian, Y. 32338
Fu, S.J. *see* Xia, A.D. 2498
Fu, S.T., Zucker, D.F., Flynn, M.J. Memory hierarchy synthesis of a multimedia embedded processor 1460
Fu, W.N. *see* Ho, S.L. 50991
Fu, W.N. *see* Ho, S.L. 50992
Fu, Y., Labrique, F., Buyse, H. Sensitivity of various synchronous motors field oriented control structures to the discretization effects related to their digital implementation 61180
Fu, Y., Yao-Ming Mu, Willander, M. Quantum ballistic transport in a dual-gate Si transistor 2636
Fu, Y. *see* Joelsson, K.B. 31888
Fu, Y. *see* Wang, R. 7232
Fu, Y.X. *see* Postrekhin, E.V. 13489
Fu Cai-Ting *see* Cai-Ting Fu
Fu Ching-Chun *see* Ching-Chun Fu
Fu Fenglin *see* Miao Jiansu 46428
Fu Guangjie *see* Guangjie Fu
Fu Guanjiu *see* Jia Zhenhong 48968
Fu Huajing *see* Huajing Fu
Fu Hualiang, Wang Wenqing Manufacturing technology of different structure and outline multilayer ceramics package 52252
Fu Jen-Ren *see* Jen-Ren Fu
Fu Jianjun *see* Xiang Cailan 162
Fu Jun *see* Li Hongqun 29483
Fu Junmei *see* Ju Zhenle 44014
Fu Junmei *see* Ju Zhenle 55298
Fu Kuan-Yu *see* Kuan-Yu Fu
Fu Lei Lan *see* Lan Fu Lei
Fu Lei Tan *see* Tan Fu Lei
Fu Li *see* Zhigang Fan 57086
Fu Li-Chen *see* Li-Chen Fu
Fu Lichen *see* Tian Jingquan 7417
Fu Minuye *see* Minuye Fu
Fu Minyue *see* Minyue Fu
Fu Qiang *see* Wang Limei 51062
Fu Qiang *see* Qiang Fu
Fu Shangxin *see* Ding Tianhuai 29236
Fu Shen-Li *see* Shen-Li Fu
Fu Shoukuan *see* Chen Lingbing 33716
Fu Shoukuan *see* Shoukuan Fu
Fu Wang Chuan *see* Chuan Fu Wang
Fu Weiping *see* Xu Jianxue 60662
Fu Wenbing *see* Zhou Jian 61333
Fu Xiafei On the present situation and development tendency of Russian power industry 8819
Fu Xiafei *see* Luo Yifang 8815
Fu Xiaodong *see* Xiaodong Fu
Fu Ying, Zeng Min, Li Xingyuan, Liu Junyong, Wang Guide Effects of hidden layers of artificial neural networks on voltage security assessment [of power systems] 38219
Fu Yizhu *see* Zhang Shudan 53617
Fu Yuqing *see* Ma Xiaohui 56407
Fu Zheng Guang *see* Guang Fu Zheng
Fu Zhi-Jian *see* Zhi-Jian Fu
Fu Zhongwen *see* Jia Xiaowei 38282
Fu Zuobao *see* Jing Dong 38450
Fu-Chang Ruan, Li Chen, Xiang-Ming Li An integrated microcomputer system for real-time monitoring of luminescent signals from multiple-well disks 17558
Fu-Chiang Cheng, Unger, S.H., Theobald, M., Wen-Chung Cho Delay-insensitive carry-lookahead adders 53173
Fu-Chiang Tsui, Ching-Chung Li, Mingui Sun, Sclabassi, R.J. An adaptive neural network in wavelet space for time-series prediction 4420
Fu-Chien Kao *see* Shi-Lin Chen 19247
Fu-Fa Lu *see* Hong-Ming Hong 36703
Fu-Hsiang Wong, Wei-Cheng Lian Positive solution for singular boundary value problems 382
Fu-Hsiang Wong *see* Wei-Cheng Lian 10245
Fu-Hua Liu, Picheny, M., Srinivasa, P., Monkowski, M., Chen, J. Speech recognition on Mandarin Call Home: a large-vocabulary, conversational, and telephone speech corpus 14886
Fu-Huei Lin, Merscreau, R.M. A quality measure-based rate control strategy for MPEG video encoders 5177
Fu-Huei Lin *see* Calzone, S. 35183
Fu-Jier Fahn *see* Kow-Ming Chang 32179
Fu-Jier Fahn *see* Kow-Ming Chang 42509
Fu-Kuo Chang *see* Tracy, M. 7298
Fu-Kuo Chang *see* Tracy, M. 10969
Fu-Ming Pan *see* Yu-Jane Mei 42681
Fu-Ming Pan *see* Yu-Jane Mei 42683
Fu-Ming Wang *see* Wang Fu-Ming
Fu-Nian Ku PLL design. 2. Time-domain method analyzes high-order PLLs 1190
Fu-Rong Jean, Hsin-I Lin, Hsiao-Chuan Wang Deconvolution of the spreading function by using a greedy algorithm 25177
Fu-Shan Jaw *see* Chii-Wann Lin 15235
Fu-Shang Wei *see* Taikang Ning 48934
Fu-Sheng Tsai, Markowski, P., Whitcomb, E. Off-line flyback converter with input harmonic current correction 51205
Fu-Yan Zhang *see* Zhang Fu-Yan
Fu-Young Liu *see* Liu Fu-Young
Fu-Zhen Chao *see* Chao Fu-Zhen
Fua, P., Brechbuhler, C. Imposing hard constraints on deformable models through optimization in orthogonal subspaces 46414
Fua, P. *see* Lengagne, R. 5044
Fua, P. *see* Lengagne, R. 57450
Fua, P. *see* Neuenschwander, W. 46419
Fuad Mas'ud, A., Ohtsuka, T., Kunieda, H. Translation of specifications in hierarchical analog LSI design 11065
Fucci, F. *see* Comastri, S.A. 56917
Fuchey, R. *see* Luk, P.C.K. 61193
Fuchida, T., Okada, S., Soda, T. Quantification of color reproduction balance for telecast lighting 39368
Fuchie, T., Nagai, T., Ikehara, M. Design of linear phase perfect reconstruction nonuniform FIR filter banks 24908
Fuchikami, N. *see* Yagisawa, K. 1170
Fuchino, S. *see* Kaiho, K. 55074
Fuchita, E. *see* Setoguchi, K. 11998
Fuchs, B.A. *see* Vawter, G.A. 33130
Fuchs, C. *see* Schwab, A. 45420
Fuchs, C.A. *see* Barnum, H. 34581
Fuchs, E.A. *see* Lawrence, C.M. 48619
Fuchs, E.A. *see* Makino, A. 7603
Fuchs, E.A. *see* Nelson, D.V. 20844
Fuchs, E.F. *see* Lin, D. 50880
Fuchs, E.F. *see* Stensland, T. 51091
Fuchs, F. *see* Wagner, J. 22415
Fuchs, F. *see* Wagner, J. 48671
Fuchs, G. *see* Stoye, P. 32891
Fuchs, H., State, A., Pisano, E.D., Garrett, W.F., Hirota, G., Livingston, M., Whitton, M.C., Pizer,

S.M. Towards performing ultrasound-guided needle biopsies from within a head-mounted display 18220
Fuchs, H. *see* Naber, A. 42813
Fuchs, J.-J. The rectangular Pisarenko method 25106
Fuchs, J.-J. Linear programming in spectral estimation. Application to array processing 25208
Fuchs, K. *see* Penzel, T. 28066
Fuchs, M., Wischmann, H.-A., Kohler, T., Wagner, M. The local contribution to the field and the noise induced standard deviation as criteria for the iterative refinement of current density reconstructions 56553
Fuchs, M. *see* Katscher, U. 49667
Fuchs, M. *see* Wischmann, H.-A. 59538
Fuchs, S. *see* Fritzsche, B. 30588
Fuchs, S. *see* Stark, K. 5317
Fuchs, W.K. *see* Boppana, V. 11281
Fuchs, W.K. *see* Boppana, V. 11369
Fuchs, W.K. *see* Boppana, V. 41018
Fuchs, W.K. *see* Boppana, V. 53178
Fuchs, W.K. *see* Goldberg, S.R. 31336
Fuchs, W.K. *see* Hartanto, I. 11339
Fuchs, W.K. *see* Hartanto, I. 41044
Fuchs, W.K. *see* Neves, N. 47168
Fuchs, W.K. *see* Venkataraman, S. 53179
Fuchshuber, C.F. *see* Burton, R.S. 8865
Fucikova, J. *see* Benda, V. 9910
Fucile, E., Borghese, F., Denti, P., Saija, R., Sindoni, O.I. General reflection rule for electromagnetic multipole fields on a plane interface 56028
Fucile, P.D. *see* Bahr, F. 50149
Fudem, H. *see* Mondal, J. 41492
Fuding Ge, Jing Zhu, Limin Chen Quantitative study of effective parameters of chiral composite material 10956
Fudoli, T.R.T., Najm, E. Exercise of TINA concepts for a video broadcast service over ATM networks 26358
Fueloop, K. *see* Hartley, R.H. 10740
Fuente, J.Grajal de la *see* Grajal de la Fuente, J.
Fuente, M.L.De La *see* De La Fuente, M.L.
Fuente, R.de la *see* de la Fuente, R.
Fuentes, C.A. *see* Abbitt, J.D. 17860
Fuentes, J., Leon, R., Montaigne, A., Gonzalez, P.P., Serra, A., Egorov, A., Mendoza, J., Pena-Chapa, J.L., Bartolo, P. Characterization of GaAs layers grown by molecular beam epitaxy 741
Fuentes, M. *see* Roaf, S. 60611
Fuentes, R.J., Gilbert, W.A. Telemetry planning improves system reliability 8633
Fuentes Conde, M. *see* Aguilar Pena, J.D. 1125
Fuerhaupter, H. *see* Melton, C. 53775
Fuerst, R. *see* Lawrence, B. 4089
Fuerst, R.A., Baboiu, D.-M., Lawrence, B., Torruellas, W.E., Stegeman, G.I., Trillo, S., Wabnitz, S. Spatial modulational instability and multisolitonlike generation in a quadratically nonlinear optical medium 44743
Fuerst, R.A., Lawrence, B.L., Torruellas, W.E., Stegeman, G.I. Beam reshaping by use of spatial solitons in the quadratic nonlinear medium KTP 24247
Fuess, H. *see* Vogt, A. 22428
Fueta, T. *see* Tanno, K. 21586
Fuezer, J., Matta, P., Kollar, P., Sovak, P., Konc, M. The influence of chromium content on the structure and magnetic properties of nanocrystalline $Fe_{74-x}Cr_xCu_1Nb_3Si_{13}B_9$ alloys 3081
Fuezer, J. *see* Kollar, P. 3085
Fugate, C. *see* Sooriakumar, K. 27496
Fugate, R.Q. The use of copper-vapor lasers in guide-star applications 4163
Fugelso, M.A., Lindeke, R.R. Finding the best fit centerline of cylinders with interrupted circumferences on a polar CMM 30357
Fugen Zhou *see* Zhou Fugen
Fugerer, R.H. *see* Steely, S.L. 17524
Fugerer, R.H. *see* Steely, S.L. 28534
Fugier, P. *see* Passernard, G. 40693
Fugitt, J. *see* Hovater, C. 37107
Fuglister, T. *see* Schuler, R. 60681
Fuguang Qin *see* Qin Fuguang
Fuh Andy Ying Guey *see* Andy Ying Guey Fuh
Fuh Chiou-Shann *see* Chiou-Shann Fuh
Fuhan Li *see* Li Fuhan
Fuhl, J., Rossi, J.-P., Bonek, E. High-resolution 3-D direction-of-arrival determination for urban mobile radio 47804
Fuhr, G. *see* Fiedler, S. 52184
Fuhr, P., Udd, E. Sensing at the speed of light: fiber-optic sensors 36598
Fuhr, T. *see* Socher, G. 57327
Fuhrer, A., Jansen, D., Kampe, G., Rieger, M., Ritzert, W.H., Schmidt, K.H. Microelectronics education at Fachhochschulen in Baden-Wuerttemberg 9864
Fuhrman, T.E. *see* Ugurdag, H.F. 1059
Fuhrman, T.M. *see* Block, F.E., Jr 59537
Fuhrmann, D.R. Correction to "On the existence of positive-definite maximum-likelihood estimates of structured covariance matrices" 52549
Fuhrmann, D.R., Srivastava, A., Hojin Moon Subspace tracking via rigid body dynamics 4689
Fuhrmann, S., Kogan, Y., Milito, R.A. An adaptive autonomous network congestion controller 35384
Fuhrmann, S., Kogan, Y., Milito, R.A. An adaptive autonomous network congestion controller 35458
Fuhs, W. *see* Gusev, O.B. 22203
Fuhs, W. *see* Muller, P. 39032
Fui Minyue *see* Minyue Fui
Fuiks, K. *see* Grimm, T. 39699
Fuja, R. *see* Grelick, A.E. 49210
Fuja, R. *see* White, M. 37030
Fuja, T. *see* Shih-I Chen 36038
Fuja, T.E. *see* Al-Semari, S.A. 26610
Fuja, T.E. *see* Al-Semari, S.A. 34519
Fuji, H. *see* Fukui, S. 35630
Fuji, H. *see* Kajikawa, K. 38801
Fuji, T. *see* Hiramoto, T. 32465
Fuji Zhang *see* Zhang Fuji
Fujiang Liao *see* Liao Fujiang
Fujibayashi, K. *see* Tabuchi, M. 30750
Fujie, F. *see* Noda, K. 58511
Fujie, J., Higashihara, T., Mushiga, M., Okada, S. 22 kV PLG system ground coil for linear motor car 39296
Fujie, K. *see* Yamazaki, M. 20256
Fujie, T. *see* Yajima, Y. 40109
Fujie Chen *see* Chen Fujie
Fujieda, K. *see* Nishimoto, H. 58308
Fujieda, M. *see* Sato, H. 59166
Fujieda, S. *see* Katoh, Y. 1353
Fujieda, S. *see* Miura, Y. 43338
Fujieda, S. *see* Ota, H. 10081
Fujihana, K. *see* Osaka, T. 40687
Fujihara, A. *see* Wakejima, A. 31942
Fujihara, K. *see* Lee, H.J. 1355
Fujihira, T., Yano, Y., Obinata, S., Kumagai, N., Sakurai, K. Proposal of new interconnection technique for very high-voltage IC's 13079
Fujii, A., Zakhidov, A.A., Borovkov, V.V., Ohmori, Y., Yoshino, K. Organic photovoltaic cell with donor-acceptor double heterojunctions 33254
Fujii, A. *see* Ohmori, Y. 13861
Fujii, A. *see* Ohmori, Y. 55442
Fujii, A. *see* Ohmori, Y. 55466
Fujii, A. *see* Yoshino, K. 55453
Fujii, E. *see* Shimada, Y. 2984
Fujii, H., Hayashi, O., Nakagata, N. Experimental research on inter-vehicle communication using infrared rays 26938
Fujii, H., Ito, H., Aihara, K., Ichinose, N., Tsukada, M. Dynamical cell assembly hypothesis–theoretical possibility of spatio-temporal coding in the cortex 18428
Fujii, H. *see* Aoki, M. 9695
Fujii, H. *see* Daugela, A. 10987
Fujii, H. *see* Hamada, Y. 3638
Fujii, H. *see* Ishikawa, K. 17109
Fujii, H. *see* Kuboyama, H. 16260
Fujii, H. *see* Mori, K. 18335
Fujii, H. *see* Tsuji, H. 18338
Fujii, K., Goedel, W., Wharam, D.A., Manus, S., Kotthaus, J.P., Boehm, G., Klein, W., Traeankle, G., Weimann, G. Microwave modulation of Coulomb-blockade oscillations in a quantum dot 12464
Fujii, K., Ishigami, S., Iwasaki, T. Evaluation of complex antenna factor of dipole antenna by the near-field 3-antenna method with the method of moment 14722
Fujii, K., Kikuta, K., Inoue, K., Mikagi, K., Chikaki, S., Kikkawa, T. A thermally stable Ti-W salicide for deep-submicron logic with embedded DRAM 42669
Fujii, K., Ohga, J. Convergence time reduction provided by a block length control method applied to the "Summational" NLMS algorithm 30561
Fujii, K., Ohga, J. A method for continuing adjustment of adaptive filter coefficients in voiceless noise terms available for acoustic echo canceller systems 31383
Fujii, K., Ohga, J. "Polarized-x" algorithm for use in fixed-point processing 45890
Fujii, K., Sakaguchi, J., Ohga, J. A voice switch control system available to prevent blocking 58041
Fujii, K., Shimoyama, K., Hosoi, N., Kiyomi, K., Yamauchi, A., Gotoh, H. Dependence of deposition selectivity for MOVPE of AlGaAs using HCl gas on the orientation of the substrate and the orientation of the stripe of SiN, masks 52651
Fujii, K., Tsuboi, S., Yoshihara, T., Tanaka, Y., Suzuki, K., Hamada, M., Tanigawa, T. Synchrotron radiation X-ray lithography for ULSI fabrication 21669
Fujii, K., Wachi, T. Development of resistance-thermal cutoff and thin-type thermal cutoff 31567
Fujii, K., Williams, E.R., Steiner, R.L. A new refractometer by combining a variable length vacuum cell and a double-pass Michelson interferometer 27950
Fujii, K. *see* Bettin, H. 27220
Fujii, K. *see* Gillespie, A. 27362
Fujii, K. *see* Horino, Y. 37188
Fujii, K. *see* Hozumi, N. 50574
Fujii, K. *see* Miyamaru, H. 7786
Fujii, K. *see* Miyamoto, M. 9305
Fujii, K. *see* Steiner, R. 17814
Fujii, K. *see* Sudou, S. 37282
Fujii, K. *see* Sugihara, T. 4043
Fujii, K. *see* Yamaguchi, M. 12492
Fujii, K.-I. *see* Guang Xu 33379
Fujii, M., Gima, S., Tomimura, T., Zhang, X. Natural air cooling of an array of IC boards 30332
Fujii, M., Iwanaga, H., Motojima, S. CVD growth and morphology of transition-metal phosphides 10838
Fujii, M., Komeda, T., Uchida, T., Miyagi, M., Koyama, H., Funakubo, H. Development of the mobile robot system to aid the daily life of bedridden persons (interface between human and robot) 8170
Fujii, M., Sakamoto, K., Kanai, H. Frequency characteristics of flowing blood 59602
Fujii, M. *see* Hareyama, N. 49767
Fujii, M. *see* Hashimoto, T. 45893
Fujii, M. *see* Kanzawa, Y. 30939
Fujii, M. *see* Maeda, T. 2842
Fujii, M. *see* Nakajima, H. 38111
Fujii, M. *see* Nakamae, K. 10048
Fujii, M. *see* Takebe, T. 52687
Fujii, M. *see* Yata, S. 11765
Fujii, N., Yoda, I., Minato, K. An ATM transport network operation system based on TMN 35599
Fujii, N. *see* Belov, S. 40088
Fujii, N. *see* Ishii, H. 21789
Fujii, N. *see* Joung-Chul Ahn 11564
Fujii, N. *see* MoonJae Jeong 53049
Fujii, N. *see* Ogawa, K. 51762
Fujii, N. *see* Takagi, S. 11163
Fujii, N. *see* Takagi, S. 21474
Fujii, N. *see* Takagi, S. 53418
Fujii, N. *see* Takai, N. 31369
Fujii, N. *see* Takakubo, K. 54813
Fujii, N. *see* Tohjo, H. 5957
Fujii, N. *see* Wada, K. 11565
Fujii, N. *see* Wada, K. 53409
Fujii, N. *see* Yamamura, T. 46904
Fujii, O. *see* Haikawa, Y. 27194
Fujii, S. *see* Hentona, Y. 6232
Fujii, S. *see* Ishida, M. 32800
Fujii, S. *see* Kanno, I. 43481
Fujii, S. *see* Kobune, M. 2920
Fujii, S. *see* Nomura, Y. 5121
Fujii, S. *see* Shikata, S. 13376
Fujii, S. *see* Wong, H. 1417
Fujii, T., Fujii, T., Ishimaru, K. Performance evaluation of protocols for ATM transmission of super high definition images 5838
Fujii, T., Funabiki, S. A control strategy of leveling load power fluctuation by successive learning fuzzy-neural network based on prediction of average load power 19116
Fujii, T., Imai, T. Indoor micro cell area prediction system using ray-tracing method for mobile communication system 58167
Fujii, T., Kaneko, M., Harashima, H. Representation of 3D spatial information by rays and its application 15454
Fujii, T., Nayuki, T., Nemoto, K., Kozuma, M., Kourogi, M., Ohtsu, M. Accurate frequency control of external-cavity laser diode by sideband locking technique 33469
Fujii, T., Yoshimoto, M., Fuyuki, T., Matsunami, H. Structure analysis of a-$Si_{1-x}C_x$:H with dominant tetrahedral Si–C bonds deposited by hybrid-plasma chemical vapor deposition 31878
Fujii, T. *see* Ekawa, M. 52652
Fujii, T. *see* Fujii, T. 5838
Fujii, T. *see* Hamada, E. 43919
Fujii, T. *see* Hara, S. 22651
Fujii, T. *see* Hirai, T. 43352
Fujii, T. *see* Hiramoto, T. 12463
Fujii, T. *see* Inoue, M. 43607
Fujii, T. *see* Iwai, T. 42950
Fujii, T. *see* Kannari, F. 21362
Fujii, T. *see* Kato, J. 58169
Fujii, T. *see* Kato, K. 19680
Fujii, T. *see* Nakashima, K. 44994
Fujii, T. *see* Nemoto, K. 3945
Fujii, T. *see* Nemoto, K. 33604
Fujii, T. *see* Nemoto, K. 55803
Fujii, T. *see* Nomura, M. 5548
Fujii, T. *see* Okayama, H. 29415
Fujii, T. *see* Sekiguchi, M. 42654
Fujii, T. *see* Shoji, H. 23968
Fujii, T. *see* Takahashi, J. 54919
Fujii, T. *see* Tanaka, T. 35814
Fujii, T. *see* Tanimoto, M. 15601
Fujii, T. *see* Tanimoto, M. 56741
Fujii, T. *see* Tsuboi, T. 49380
Fujii, T. *see* Watanabe, S. 7250
Fujii, T. *see* Watanabe, T. 53870
Fujii, T. *see* Yamamoto, T. 23945
Fujii, T. *see* Yamamoto, T. 26778
Fujii, T. *see* Yoshiki, K. 16570
Fujii, Y. High-isolation polarization-insensitive N-port optical circulator 58393
Fujii, Y., Akimoto, K. Optimal power system expansion planning under uncertain CO_2 emissions control policies 38313
Fujii, Y., Shiota, F., Miki, Y., Nezu, Y., Makishita, T., Hara, K. A buoyancy-free mass comparator with sub-ppm precision for use in a superconducting magnetic levitation system 27944
Fujii, Y., Tokunaga, T. Direct overwrite magneto-optical disks with magnetically induced super resolution readout function 44117
Fujii, Y. *see* Akimoto, K. 28969
Fujii, Y. *see* Hayashi, K. 40382
Fujii, Y. *see* Ishii, K. 49323
Fujii, Y. *see* Kajino, F. 37402
Fujii, Y. *see* Kuriyama, H. 41162
Fujii, Y. *see* Levanon, A. 24163
Fujii, Y. *see* Shiota, F. 27363
Fujikake, S., Tabuchi, K., Takano, A., Wada, T., Saito, S., Sato, H., Yoshida, T., Ichikawa, Y.,

Sakai, H. Film-substrate a-Si solar cells and their novel process technologies 39127
Fujikami, J. *see* Kato, T. 55151
Fujikawa, A., Murakami, Y., Kasahara, M. New attacks on non-interactive ID-based key sharing scheme of power operations and multiplications 45546
Fujikawa, F. *see* Hirano, S. 51543
Fujikawa, H., Noda, K., Tokito, S., Taga, Y. Electrical properties of Ta-Sn-O films on indium tin oxide electrodes 23115
Fujikawa, H. *see* Kim, B.C. 5952
Fujikawa, H. *see* Kim, B.C. 35639
Fujikawa, J. *see* Aita, K. 22691
Fujikawa, K. *see* Mitsuda, T. 35211
Fujikawa, M., Toya, T., Okada, H. FEM vibration analysis for stable wire bonding onto lead frames 12024
Fujikawa, N. *see* Hiratsuka, Y. 42456
Fujikawa, S.J. *see* Sghedoni, M. 49900
Fujikawa, T. Evaluating the method of measuring the tackiness and wettness of solder paste 40752
Fujikawa, Y., Hatano, K. Transportable micro gas turbine generator 19570
Fujiki, H. *see* Shikazono, M. 52323
Fujiki, M., Yamamoto, H., Tamura, H. A method of joining different types of range images for constructing a geometric model 56919
Fujiki, T. *see* Hattori, R. 13807
Fujiki, T. *see* Hattori, R. 40411
Fujiki, T. *see* Homma, Y. 10087
Fujikura, H., Kodama, S., Hashizume, T., Hasegawa, H. Surface passivation of $In_{0.53}Ga_{0.47}As$ ridge quantum wires using silicon interface control layers 54400
Fujikura, M. *see* Sato, T. 3084
Fujima, K. *see* Mori, H. 36683
Fujimaki, N. *see* Yoshida, C. 12349
Fujimaki, T., Ohniwa, K. Drive system of several squirrel-cage induction motors fed by a single inverter 61186
Fujimori, I., Koyama, K., Trager, D., Tam, F., Longo, L. A 5-V single-chip delta-sigma audio A/D converter with 111 dB dynamic range 41269
Fujimori, T. *see* Horiuchi, R. 48395
Fujimoto, C., Hayakawa, Y., Ono, A. Evaluation of the efficiency of deodorants by semiconductor gas sensors 36749
Fujimoto, H. *see* Itaya, K. 3872
Fujimoto, H. *see* Kodama, J. 11992
Fujimoto, H. *see* Kurokawa, H. 38942
Fujimoto, H. *see* Morikawa, K. 43756
Fujimoto, H. *see* Yoshida, T. 11719
Fujimoto, H. *see* Yoshida, T. 16795
Fujimoto, J.G. *see* Bouma, B.E. 18289
Fujimoto, J.G. *see* Chinn, S.R. 59045
Fujimoto, J.G. *see* Golubovic, B. 33435
Fujimoto, J.G. *see* Golubovic, B. 33446
Fujimoto, J.G. *see* Sanders, G.D. 3859
Fujimoto, J.G. *see* Swanson, E.A. 11024
Fujimoto, J.O. *see* Tong, Y.P. 44405
Fujimoto, K., Arai, H. Ray tracing analysis of propagation characteristics in tunnels including transmitting antenna 34080
Fujimoto, K., Ishibashi, Y., Shibata, M., Suzuki, T., Aida, S., Ioritani, N., Shirai, S., Orikasa, S. A new cavitation suppression technique for local ablation using high-intensity focused ultrasound 28422
Fujimoto, K., Sasaki, H., Hayashi, H., Odaka, A. A decomposition of a multiple-valued logic function into monotonic functions 21641
Fujimoto, K., Takahashi, Y. Tail behavior of the steady-state distribution in two-stage tandem queues: numerical experiment and conjecture 30434
Fujimoto, K. *see* Nose, M. 35790
Fujimoto, K. *see* Sato-Iwanaga, J. 43142
Fujimoto, K. *see* Tsuchida, H. 6294
Fujimoto, K. *see* Tsuchida, H. 26275
Fujimoto, M., Kida, Y., Nohma, T., Takahashi, M., Nishio, K., Saito, T. Electrochemical behaviour of carbon electrodes in some electrolyte solutions 29575
Fujimoto, M. *see* Shigetani, H. 40396
Fujimoto, N. *see* Lopez-Roldan, J. 43527
Fujimoto, R. *see* Inoue, N. 40577
Fujimoto, T., Miike, H. Online temperature conversion and the accuracy evaluation for low-resolution infrared satellite image (APT) of NOAA 17856
Fujimoto, T., Shimizu, M., Nakagawa, H., Sone, I., Kawashima, K., Mori, E. Development of an optical current transformer for adjustable speed pumped storage systems 27526
Fujimoto, T. *see* Hori, K. 37665
Fujimoto, T. *see* Morimoto, Y. 9703
Fujimoto, T. *see* Murai, T. 29769
Fujimoto, T. *see* Sugiyama, S. 23072
Fujimoto, T. *see* Takebuchi, M. 42711
Fujimoto, Y., Nakatsuka, M., Murata, K., Kanabe, T., Fujita, H., Sasaki, T., Kato, Y. Uniform dispersion of rare-earth ions in quartz glass using Zeolite X and its applications for high-power laser 23438
Fujimura, K., Makarov, M. Homotopic shape deformation 46503
Fujimura, K., Sekine, J., Kitai, A. STDL: a script language for distributed transaction processing 16279
Fujimura, K. *see* Ihara, T. 26573
Fujimura, M., Sudoh, M., Kintaka, K., Suhara, T., Nishihara, H. Resonant waveguide quasi-phase-matched SHG devices with electrooptic phase-modulator for tuning 44690
Fujimura, M. *see* Kintaka, K. 14262
Fujimura, M. *see* Masalkar, P.J. 44011
Fujimura, M. *see* Mwansa, D.C. 5258
Fujimura, N., Azuma, S.-I., Aoki, N., Yoshimura, T., Ito, T. Growth mechanism of $YMnO_3$ film as a new candidate for nonvolatile memory devices 759
Fujimura, S., Ueno, A. Measurement of precise particle distributions in emittance phase plane in the JHP LEBT 37157
Fujimura, S. *see* Hanaizumi, H. 46382
Fujimura, S. *see* Hanaizumi, H. 56918
Fujimura, S. *see* Ito, T. 59549
Fujimura, S. *see* Ueno, A. 37029
Fujimura, S. *see* Yoshikawa, M. 46386
Fujimura, T. *see* Matsuoka, R. 8929
Fujimura, Y. *see* Kuhara, Y. 58274
Fujimura, Y. *see* Kuhara, Y. 58275
Fujimura, Y. *see* Kuhara, Y. 58392
Fujimura, Y. *see* Nakanishi, H. 58307
Fujinaga, M., Kotani, N. 3-D topography simulator (3-D MULSS) based on a physical description of material topography 22935
Fujinaga, M. *see* Uchida, T. 42595
Fujinaga, S. *see* Hirai, T. 43352
Fujinaka, T. *see* Shibata, H. 9266
Fujinaka, T. *see* Shibata, H. 38753
Fujinami, H. *see* Yashima, M. 8902
Fujinami, H. *see* Yoshida, T. 9427
Fujinami, T., Mehta, M.A., Shibatani, M., Kitagawa, H. Polymer electrolyte bilayer films with photorechargeable battery characteristics 38953
Fujinami, T. *see* Honma, H. 11967
Fujino, N., Karino, I., Kabayashi, J., Kuramoto, K., Ohomori, M., Yasutake, M., Wakiyama, S. First observations of 0.1 μm size particles on Si wafers using atomic force microscopy and optical scattering 42433
Fujino, N., Karino, I., Kobayashi, J., Kuramoto, K., Ohomori, M., Yasutake, M., Wakiyama, S. First observation of 0.1 μm size COPs and dusts on the bare Si wafers by using AFM with optical scattering system 42486
Fujino, N. *see* Yasutake, M. 338
Fujino, S. *see* Wakamiya, M. 35897
Fujino, T., Maeda, H., Kimura, Y., Horibe, H., Imanaga, Y., Shinkawata, H., Nakao, S., Kato, T., Matsui, Y., Hirayama, M., Yasuoka, A. Electron beam direct writing techniques for the development of sub-quarter-micron devices 22740
Fujino, T. *see* Nagayasu, T. 47707
Fujino, T. *see* Yano, Y. 26536
Fujino, Y., Fujita, M., Kaya, N., Kusaka, N., Ogihara, N., Kunimi, S., Ishii, M. A dual polarization patch rectenna for high power application 34447
Fujino, Y. *see* Sano, M. 27562
Fujio, S., Sagisaki, Y., Higuchi, N. Prediction of major phrase boundary location and pause insertion using a stochastic context-free grammar 24869
Fujioka, H., Nakamae, K., Higashi, A. Effects of multi-product, small-sized production of LSIs packaged in various packages on the final test process efficiency and cost 32506
Fujioka, H., Wann, H.-J., Park, D.-G., King, Y.-C., Chyan, Y.-F., Oshima, M., Hu, C. Tunneling current through MIS structures with ultra-thin insulators 42342
Fujioka, H. *see* Miura, K. 40995
Fujioka, H. *see* Miura, K. 41079
Fujioka, H. *see* Nakamae, K. 10048
Fujioka, H. *see* Nakamae, K. 11255
Fujioka, H. *see* Nakamae, K. 17198
Fujioka, H. *see* Nguyen, K.B. 32401
Fujioka, H. *see* Wang, H.-H. 55432
Fujioka, J. *see* Shibata, N. 11454
Fujioka, M., Ando, E., Tsuchiyay, T., Kagawa, Y. Finite element simulation of high frequency ultrasonic cleaning 18977
Fujioka, M. *see* Aramoto, M. 35791
Fujioka, M. *see* Kuroiwa, S. 46975
Fujioka, T. *see* Takamiya, S. 43114
Fujisaka, H., Sato, C. Computing the number, location and stability of fixed points of Poincare maps 40858
Fujisaka, T. *see* Fukushima, F. 48053
Fujisaka, T. *see* Iwamoto, M. 27009
Fujisaka, T. *see* Mitsumoto, M. 16857
Fujisaki, A. *see* Oshima, I. 44525
Fujisaki, E., Okamoto, T. Practical escrow cash systems 56309
Fujisaki, E. *see* Abe, M. 4564
Fujisaki, H., Shimizu, A. Quantum noise of semiconductor light-emitting devices at a low-injection level 44275
Fujisaki, K., Ueyama, T., Okazawa, K. Magnetohydrodynamic calculation of in-mold electromagnetic stirring 44996
Fujisaki, K., Ueyama, T., Wajima, K. Electromagnets applied to thin steel plate 9742
Fujisaki, K. *see* Imada, H. 48351
Fujisaki, K. *see* Ito, Y. 20246
Fujisaki, S. *see* Sagawa, M. 14108
Fujisaki, Y. *see* Kushida-Abdelghafar, K. 2959
Fujisaki, Y. *see* Matsui, Y. 55006
Fujisaki, Y. *see* Miki, H. 54916
Fujisaki, Y. *see* Nagashima, K. 32649
Fujisaki, Y. *see* Shoji, K. 1356
Fujisaki, Y. *see* Torii, K. 30933
Fujisaki, Y. *see* Torii, K. 55001
Fujisawa, H., Sakata, T., Sekiguchi, T., Nagashima, O., Kimura, K., Kajigaya, K. The charge-share modified precharge-level (CSM) architecture for high-speed and low-power ferroelectric memory 1390
Fujisawa, H., Sakata, T., Sekiguchi, T., Nagashima, O., Kimura, K., Kajigaya, K. The charge-share modified (CSM) precharge-level architecture for high-speed and low-power ferroelectric memory 53293
Fujisawa, H. *see* Sakata, T. 1391
Fujisawa, H. *see* Shimizu, M. 54921
Fujisawa, K., Kojima, M., Nakata, K. Exploiting sparsity in primal-dual interior-point methods for semidefinite programming 40110
Fujisawa, M., Mizuno, H. Construction and decoding of algebraic-geometric codes from some Fermat surfaces 56351
Fujisawa, M. *see* Hasegawa, T. 39733
Fujisawa, M. *see* Morimoto, Y. 4932
Fujisawa, N. *see* Tanaka, H. 31585
Fujisawa, S. *see* Umemoto, T. 4719
Fujisawa, S. *see* Umemoto, T. 21212
Fujisawa, T. *see* Friedland, K.-J. 12452
Fujisawa, Y. *see* Araki, T. 44281
Fujisawa, Y.K. *see* Miura, H. 43373
Fujishima, A. *see* Futsuhara, M. 12840
Fujishima, A. *see* Ohkoshi, S. 43614
Fujishima, M. *see* Irita, T. 12911
Fujishima, R. *see* Takayama, J. 26797
Fujishima, T. *see* Takenouchi, O. 32620
Fujita, A. *see* Matzinger, M. 3118
Fujita, A. *see* Miki, M. 61345
Fujita, G., Shirai, G. Estimation of power outage amount based on estimation method of dominating differential equation 19048
Fujita, G. *see* Miyanohana, K. 56809
Fujita, G. *see* Miyanohana, K. 57211
Fujita, G. *see* Onoye, T. 1479
Fujita, H. Future of actuators and microsystems 2865
Fujita, H. Recent MEMS research activities in Japan 43357
Fujita, H. Recent advances in micromechatronics 43379
Fujita, H., Akagi, H. An approach to harmonic-free AC/DC power conversion for large industrial loads: the integration of a series active filter with a double-series diode rectifier 38817
Fujita, H., Ogasawara, S., Akagi, H. Control and performance of a zero-current-switched three-phase inverter equipped with resonant circuits on the AC-side 38837
Fujita, H., Sano, H., Kusunose, H., Takizawa, H., Miyazaki, K., Awamura, N., Ode, T., Awamura, D. Performance of i-/g-line phase-shift measurement system MPM-100 22657
Fujita, H. *see* Akiyama, T. 43385
Fujita, H. *see* Chauvel, D. 14765
Fujita, H. *see* Chollet, F. 23522
Fujita, H. *see* Collard, D. 13197
Fujita, H. *see* Dewa, H. 37141
Fujita, H. *see* Fujimoto, Y. 23438
Fujita, H. *see* Fukata, Y. 43412
Fujita, H. *see* Hara, T. 59462
Fujita, H. *see* Hirako, K. 46089
Fujita, H. *see* Hirako, K. 49451
Fujita, H. *see* Iizuka, T. 29356
Fujita, H. *see* Kobayashi, D. 32583
Fujita, H. *see* Matsubara, T. 59401
Fujita, H. *see* Nagata, T. 29068
Fujita, H. *see* Nakamura, S. 43413
Fujita, H. *see* Nakamura, Y. 13179
Fujita, H. *see* Ogura, T. 7948
Fujita, H. *see* Shirai, T. 37142
Fujita, H. *see* Sugimoto, S. 60848
Fujita, H. *see* Tominaga, S. 28778
Fujita, H. *see* Toshiyoshi, H. 16818
Fujita, H. *see* Toshiyoshi, H. 44046
Fujita, J., Ohnishi, Y., Ochiai, Y., Nomura, E., Matsui, S. Nanometer-scale resolution of calixarene negative resist in electron beam lithography 32287
Fujita, J. *see* Kawaura, H. 54673
Fujita, J. *see* Ochiai, Y. 21349
Fujita, J. *see* Ohnishi, Y. 42822
Fujita, K., Kawata, S. Laser feedback microscopy controlling the laser oscillation of semiconductor laser by reentered light 14497
Fujita, K., Kusumi, Y., Ichikawa, M. Nanometer-scale passivation of Si(111) surfaces by using the $\sqrt{3}\times\sqrt{3}$-Ga reconstruction 12171
Fujita, K., Ohnishi, H., Egawa, T., Niwano, Y., Jimbo, T., Umeno, M., Watanabe, T. AlGaAs/GaAs double-heterostructure LEDs grown on GaAs(211)A substrates using only silicon dopant 13866
Fujita, K., Sima, K., Asahina, K., Sakuraba, H., Tanaka, J., Hagimura, A. Development of high heat resistant substrate (BN300) for BGA 10169
Fujita, K. *see* DeWitt, J. 59243
Fujita, K. *see* Hagimura, A. 30262
Fujita, K. *see* Horiike, K. 46088
Fujita, K. *see* Kimura, T. 20905
Fujita, K. *see* Kozawa, A. 61030
Fujita, K. *see* Nakano, H. 44111
Fujita, K. *see* Ohnishi, H. 12874

Fujita, K. *see* Ohsugi, T. 37385
Fujita, K. *see* Ohsugi, T. 37392
Fujita, K. *see* Sawada, S. 31845
Fujita, K. *see* Shima, K. 320
Fujita, K. *see* Taguchi, M. 26565
Fujita, K. *see* Takebe, T. 52687
Fujita, K. *see* Tomita, N. 22375
Fujita, K. *see* Watanabe, H. 41831
Fujita, K. *see* Yoshida, H. 31835
Fujita, M., Kukimoto, Y., Brayton, R.K. BDD minimization by truth table permutations 11288
Fujita, M., Murgai, R. Delay estimation and optimization of logic circuits: a survey 41069
Fujita, M. *see* Fujino, Y. 34447
Fujita, M. *see* Harada, T. 32810
Fujita, M. *see* Iigusa, K. 34375
Fujita, M. *see* Jain, J. 53165
Fujita, M. *see* Kuo, M.-T. 41084
Fujita, M. *see* Le Toan, T. 28677
Fujita, M. *see* Mike Tien-Chien Lee 31327
Fujita, M. *see* Murai, J. 10156
Fujita, M. *see* Murgai, R. 53167
Fujita, M. *see* Narayan, A. 11363
Fujita, M. *see* Ohkubo, K. 53935
Fujita, M. *see* Roy, P.K. 1910
Fujita, M. *see* Saeki, T. 1385
Fujita, M. *see* Shinan Wang 19349
Fujita, M. *see* Takeuchi, Y. 22542
Fujita, N. *see* Hattori, T. 59111
Fujita, N. *see* Okuno, A. 52239
Fujita, N. *see* Yoshizawa, M. 52689
Fujita, R. *see* Watanabe, T. 1388
Fujita, S., Ruike, M., Baba, M. Treeing breakdown voltage and TSC of alumina filled epoxy resin 43541
Fujita, S., Sakamoto, T., Ueda, K., Ohta, K., Fujita, S. Surface treatment of indium-tin-oxide substrates and its effects on initial nucleation processes of diamine films 32217
Fujita, S. *see* Fujita, S. 32217
Fujita, S. *see* Funato, M. 30764
Fujita, S. *see* Funato, M. 30764
Fujita, S. *see* Funato, M. 40356
Fujita, S. *see* Funato, M. 40356
Fujita, S. *see* Hyun-Chul Ko 12511
Fujita, S. *see* Hyun-Chul Ko 12511
Fujita, S. *see* Johnson, M.A.L. 30834
Fujita, S. *see* Maruno, S. 31730
Fujita, S. *see* Narukawa, Y. 42098
Fujita, S. *see* Narukawa, Y. 42098
Fujita, S. *see* Noda, A. 26736
Fujita, S. *see* Ogata, K.-I. 40471
Fujita, S. *see* Ogata, K.-I. 40471
Fujita, S. *see* Orange, C. 31853
Fujita, S. *see* Suda, J. 12728
Fujita, S. *see* Suda, J. 12728
Fujita, S. *see* Yoshida, T. 11719
Fujita, S.-I. *see* Yamada, Y. 42129
Fujita, T., Suzuki, S., Ando, H. 3D object recognition by coupling mixtures of autoencoders and dynamic matching 25739
Fujita, T., Wada, Y., Obinata, G., Akagami, Y., Nishimura, S., Ogasawara, Y. Comparison of frequency characteristics in a damper using magnetic fluid, ER fluid dispersing smectite and mixed ER magnetic fluid 975
Fujita, T., Watanabe, T., Yasuda, K., Yokoyama, R. Global optimization method using intermittency chaos 30534
Fujita, T. *see* Aoki, I. 40950
Fujita, T. *see* Ito, K. 25287
Fujita, T. *see* Kawashima, K. 59091
Fujita, T. *see* Kuroda, T. 5023
Fujita, T. *see* Kuroda, T. 11245
Fujita, T. *see* Maenaka, K. 17259
Fujita, T. *see* Nishimura, Y. 60455
Fujita, T. *see* Takamatsu, S. 58678
Fujita, T. *see* Tobari, T. 41274
Fujita, T. *see* Yamada, T. 1400
Fujita, Y., Kitakizaki, K., Masuda-Jindo, K. Electronic and electrical properties of polycrystalline silicon: effects of grain boundary segregation 12189
Fujita, Y. *see* Kamiya, H. 29864
Fujita, Y. *see* Kobayashi, K. 37531
Fujita, Y. *see* Masu, K. 2435
Fujita, Y. *see* Masuda-Jindo, K. 12793
Fujita, Y. *see* Shibata, Y. 20221
Fujita, Y. *see* Shibata, Y. 44325
Fujita, Y. *see* Urushibata, H. 61077
Fujita, Y. *see* Yamamoto, S. 18119
Fujita, Y. *see* Yamashita, N. 11465
Fujitani, M. *see* Yae, S. 9545
Fujito, K., Fuse, M., Maeda, K. AM/digital multichannel optical video distribution 17075
Fujito, K. *see* Fuse, M. 27169
Fujito, K. *see* Kawashima, S. 16710
Fujito, K. *see* Sasai, H. 16756
Fujito, K. *see* Takenaka, N. 48014
Fujito, M. *see* Natori, A. 42236
Fujitu, M. *see* Jain, J. 30508
Fujiuchi, S., Toriyama, K. Collective screen printing for carrier bump and SMT pads 10074
Fujiura, T. *see* Kondo, N. 4943
Fujiwara, A., Inoue, M., Masusawa, T., Fyjiwara, H. A simple parallel algorithm for the medial axis transform of binary images 25589
Fujiwara, A., Inoue, M., Masuzawa, T., Fujiwara, H. A parallel algorithm for weighted distance transforms 46524
Fujiwara, A., Takahashi, Y., Murase, K. Observation of single electron-hole recombination and photon-pumped current in an asymmetric Si single-electron transistor 43157
Fujiwara, A. *see* Takahashi, Y. 13043
Fujiwara, A. *see* Takahashi, Y. 22890
Fujiwara, A. *see* Takahashi, Y. 54722
Fujiwara, A. *see* Yamada, T. 1400
Fujiwara, E. *see* Maeda, M. 24650
Fujiwara, E. *see* Jien-Chung Lo 31252
Fujiwara, H. Passive range sensor using multi-focus images 36891
Fujiwara, H. Windowed f-k spectra of a three-dimensional wavefield excited by a point source in a two-dimensional multilayered elastic medium 50033
Fujiwara, H., Ohtake, S., Takasaki, T. Sequential circuit structure with combinational test generation complexity and its application 31225
Fujiwara, H., Otani, Y., Yoshizawa, T. Flatness measurement by reflection Moire technique 48909
Fujiwara, H. *see* Barnard, J.A. 3044
Fujiwara, H. *see* Fujiwara, A. 46524
Fujiwara, H. *see* Inoue, T. 53129
Fujiwara, H. *see* Kobayash, T. 1455
Fujiwara, H. *see* Matsuo, N. 23106
Fujiwara, H. *see* Michinishi, H. 11415
Fujiwara, H. *see* Michinishi, H. 53123
Fujiwara, H. *see* Suzuki, A. 2038
Fujiwara, H. *see* Takabatake, K. 11409
Fujiwara, H. *see* Takabatake, K. 41076
Fujiwara, H. *see* Youra, H. 11407
Fujiwara, K. *see* Inoue, H. 43686
Fujiwara, K. *see* Janicke, L. 43612
Fujiwara, K. *see* Matsubara, K. 27849
Fujiwara, K. *see* Nakata, T. 27852
Fujiwara, K. *see* Tominaga, K. 13687
Fujiwara, M., Mori, W., Yamaguchi, K. Iron-Schiff base magnetic polymers. Synthesis and characterization 3046
Fujiwara, M. *see* Haruta, Y. 11907
Fujiwara, M. *see* Kamise, C. 36337
Fujiwara, M. *see* Kawai, K. 17001
Fujiwara, M. *see* Misono, M. 16745
Fujiwara, M. *see* Oka, H. 31538
Fujiwara, M. *see* Shima, A. 44499
Fujiwara, N. *see* Ichiyanagi, T. 52124
Fujiwara, N. *see* Ogino, S. 54465
Fujiwara, N. *see* Terashima, M. 39322
Fujiwara, N. *see* Terashima, M. 51744
Fujiwara, O., Ichikawa, T. An analysis of load effects produced by ferrite core attachment 14643
Fujiwara, O., Takai, K. Electrical properties of skin and SAR calculation in a realistic human model for microwave exposure 59834
Fujiwara, R. *see* Tsukise, K. 57157
Fujiwara, S., Araki, T., Tatsumi, M., Irikura, M., Matsumoto, K., Murai, S., Shirakawa, T. The effect of gravity on crystal growth of InGaAs by the Bridgman method 10665
Fujiwara, S., Kotani, T., Matsumoto, K., Shirakawa, T. Crystal growth of ZnSe by PVT using a semi-open ampule 30695
Fujiwara, S. *see* Fat'yanov, O.V. 33893
Fujiwara, S. *see* Kanbara, H. 44628
Fujiwara, S. *see* Korogi, Y. 59489
Fujiwara, S. *see* Murai, T. 29769
Fujiwara, S. *see* Murai, T. 29775
Fujiwara, S. *see* Murai, T. 39314
Fujiwara, S. *see* Oka, H. 18475
Fujiwara, S. *see* Sugimoto, N. 4025
Fujiwara, T. *see* Igasaki, Y. 913
Fujiwara, Y., Fukuyama, A., Fukumori, T., Akashi, Y. Behavior of oxygen precipitation on annealing in CZ-Si single crystals 22516
Fujiwara, Y., Genno, H., Matsumoto, K., Suzuki, R., Fukushima, K. Estimating human sensations using chaos analysis of nose skin temperature 49405
Fujiwara, Y., Okada, S.-I., Takadoi, H., Matsunishi, T., Ohkama, H. Performance evaluation of VEEC: the virtual execution environment control for a remote knowledge base access 36067
Fujiwara, Y. *see* Aoki, M. 33546
Fujiwara, Y. *see* Aono, K. 9302
Fujiwara, Y. *see* Imiya, A. 5279
Fujiwara, Y. *see* Inoue, T. 37062
Fujiwara, Y. *see* Jimbo, M. 43666
Fujiwara, Y. *see* Kishida, T. 19787
Fujiwara, Y. *see* Kitamura, T. 33388
Fujiwara, Y. *see* Miyamoto, K. 37185
Fujiwara, Y. *see* Ohki, Y. 43525
Fujiwara, Y. *see* Shinan Wang 19349
Fujiwara, Y. *see* Ying Li 54960
Fujiyama, Y. *see* Sakaguchi, K. 42353
Fujiyasu, H. *see* Sasaki, A. 36517
Fujiyasu, H. *see* Sugie, R. 2146
Fujiyasu, H. *see* Tatsuoka, H. 13417
Fujiyoshi, A., Kasai, T. Multi-phase tree transformations 52506
Fujiyoshi, H. *see* Umezaki, T. 56418
Fujiyoshi, K. *see* Murata, H. 22932
Fujiyoshi, K. *see* Murata, H. 40838
Fujiyoshi, K. *see* Nakatake, S. 11118
Fujuwara, T. *see* Wu, A. 33299
Fukae, K., Chin Chou Lim, Tamechika, M., Takehara, N., Saito, K., Kajita, I., Kondo, E. Outdoor performance of triple stacked a-Si photovoltaic module in various geographical locations and climates 39161
Fukae, T., Tamiya, N., Mandai, H. Lateral distance measurement using optical spread spectrum radar 27918
Fukagawa, H. An automated finishing system for machined aircraft parts 27930
Fukagawa, T. *see* Yashiki, H. 23327
Fukagawa, Y. *see* Jiang Yu Zheng 5311
Fukai, M. *see* Ban, Y. 60416
Fukaishi, M. *see* Maeda, T. 2842
Fukami, K. *see* Hayashi, T. 47234
Fukami, T., Hanada, Y., Miyamoto, T. Analysis of the self-excited three-phase synchronous generator utilizing the 2nd-space harmonic for excitation 38713
Fukami, T., Ishizaka, T., Miyamoto, T. Self-excited synchronous induction motor 29294
Fukami, T., Kaburaki, Y., Miyamoto, T. Analysis of the self-regulated self-excited single-phase induction generator 38735
Fukami, T., Kawai, T., Miyamoto, T. Self-regulated self-excited brushless three-phase synchronous generator 29258
Fukami, T. *see* Karasawa, J. 2936
Fukan Huang *see* Huang Fukan
Fukang Jiang *see* Gupta, B. 23056
Fukano, A. *see* Miyaso, H. 16479
Fukano, H., Kozen, A., Kato, K., Nakajima, O. Edge-illuminated refracting-facet photodiode with high responsivity and low-operation voltage 13841
Fukano, H., Kozen, A., Kato, K., Nakajima, O. High-responsivity and low-operation-voltage edge-illuminated refracting-facet photodiodes with large alignment tolerance for single-mode fiber 55433
Fukano, H., Yokoyama, K., Kadota, Y., Kondo, Y., Ueki, M., Yoshida, J. Low cost, high coupling-efficient and good temperature characteristics 1.3 μm laser diodes without spot-size transformer 23958
Fukano, H. *see* Itaya, Y. 26909
Fukano, T., Yamaguchi, I. Simultaneous measurement of thicknesses and refractive indices of multiple layers by a low-coherence confocal interference microscope 17839
Fukano, T. *see* Nakajima, A. 41151
Fukano, T. *see* Nakajima, A. 43145
Fukao, S. *see* Gavrilov, N.M. 50064
Fukao, S. *see* Ren, Y. 18826
Fukao, T. *see* Chiba, A. 29273
Fukao, T. *see* Furuichi, R. 29331
Fukao, T. *see* Ooshima, M. 38716
Fukasawa, A., Sato, T., Takizawa, Y., Kato, T., Kawabe, N., Fisher, R.E. Wideband CDMA system for personal radio communications 6588
Fukasawa, T., Endo, T., Makino, S., Urasaki, S. Analysis of whip antenna fed by a slot antenna with electromagnetic coupling 34312
Fukase, T. *see* Miura, S. 4206
Fukase, T. *see* Saeki, T. 1385
Fukase, T. *see* Watanabe, K. 3301
Fukashiro, S. *see* Fukunaga, T. 59536
Fukashiro, Y. *see* Hanatani, S. 26810
Fukata, S. *see* Komori, M. 43875
Fukata, Y., Akiyama, T., Fujita, H. The reshaping technology for three dimensional polysilicon microstructures 43412
Fukatsu, A., Saitoh, T., Hide, I. Combined characterization of inhomogeneities in DCM multicrystalline silicon wafers [solar cells] 39201
Fukatsu, S. *see* Ishikawa, Y. 10751
Fukatsu, S. *see* Shiraki, Y. 2163
Fukaya, K. *see* Kaji, Y. 38505
Fukaya, K. *see* Nakamura, K. 58797
Fukazawa, T. *see* Kabasawa, U. 43783
Fukazawa, T. *see* Sameshima, Y. 31605
Fukazawa, T. *see* Teramoto, M. 41033
Fukazawa, T. *see* Toyoshima, M. 8498
Fuke, H., Saitoh, K., Utagawa, T., Enomoto, Y. Fundamental operation of single-flux-quantum circuits using coplanar-type high-T_c SQUIDs 13498
Fuke, H., Saitoh, K., Utagawa, T., Enomoto, Y. Estimation of inductance for high-T_c dc-SQUID's in coplanar waveguide 13505
Fuke, H. *see* Saitoh, K. 31172
Fuke, S. *see* Takano, Y. 30783
Fukidome, H., Ohno, T., Matsumura, M. Analysis of silicon surface in connection with its unique electrochemical and etching behavior 41855
Fukino, M. *see* Date, T. 17113
Fuks, D. *see* Dorfman, S. 10967
Fuks, Kh. *see* Shwab, A. 24323
Fuks, L.F. *see* Wong, W.H. 55135
Fuks, R. High power SMA-compatible connectors 22013
Fuks, Z. *see* Ling, C.C. 8088
Fukuchi, K. *see* Suzuki, Y. 47937
Fukuchi, K. *see* Tezuka, H. 47904
Fukuda, A., Mukumoto, K. N×M arrayed meteor burst communication systems 16660
Fukuda, A. *see* Aoki, T. 58309
Fukuda, A. *see* Wu, G. 6470
Fukuda, C. *see* Nakazato, K. 14017
Fukuda, D. *see* Takahashi, H. 37560
Fukuda, H., Hoyt, J.L., McCord, M.A., Pease, R.F.W. Fabrication of silicon nanopillars containing polycrystalline silicon/insulator multilayer structures 23048
Fukuda, H., Ichikawa, M., Kawachi, H. Labor-saving "Kachitto Mini" lighting fixture 39363

Fukuda, H., Murai, S., Endoh, T., Nomura, S. Effect of oxynitridation on charge trapping properties of ultrathin silicon dioxide films 32165
Fukuda, H., Takano, H., Hatakeyama, T., Nakaoka, M. Application of repetitive learning control scheme to phase-shifted PWM resonant DC-DC converter 51096
Fukuda, H., von Bunau, R.M. Can synthetic aperture techniques be applied to optical lithography? 22736
Fukuda, H. *see* Kawamura, T. 16489
Fukuda, H. *see* Mutoh, S. 1450
Fukuda, H. *see* Seo, H. 48727
Fukuda, H. *see* von Bunau, N.M. 32260
Fukuda, H. *see* Von Bunau, R.M. 2524
Fukuda, H. *see* Yamanaka, N. 16504
Fukuda, K., Imaizumi, H., Ishii, T., Toyoda, F., Yamanashi, M., Kibayashi, Y. Orientational distribution and procedure parameters in hot pressed $(Bi_2Te_3)_{0.90}(Bi_2Se_3)_{0.10}$ 31903
Fukuda, K. *see* Hayashi, M. 35555
Fukuda, K. *see* Kai, K. 12958
Fukuda, K. *see* Kogo, T. 18337
Fukuda, K. *see* Komatsubara, A. 60539
Fukuda, K. *see* Nakagawa, H. 58820
Fukuda, K. *see* Nunokawa, H. 5937
Fukuda, K. *see* Otake, T. 46082
Fukuda, K. *see* Shimaoka, M. 23632
Fukuda, M., Endo, N., Tsuyuzaki, I., Suzuki, N., Deguchi, E. Effect of mechanical vibration on patterning characteristics in synchrotron radiation lithography 32307
Fukuda, M., Ichikawa, F., Sato, H., Hibino, Y., Moriwaki, K., Tohno, S., Sugie, T., Yoshida, J. Plastic packaging of semiconductor laser diodes 3840
Fukuda, M., Ichikawa, F., Sato, N., Tohno, S., Sugie, T. Pig-tail type laser modules entirely molded in plastic 16824
Fukuda, M., Nakagawa, K., Miyazaki, S., Hirose, M. Resonant tunneling through a self-assembled Si quantum dot 54220
Fukuda, M., Yonemura, N., Shigi, T. A comparison between thermal conductive characteristics of an insulated metal substrate and an alumina DBC 11187
Fukuda, M. *see* Kikuchi, Y. 31256
Fukuda, M. *see* Kurosaki, T. 3669
Fukuda, M. *see* Maruyama, M. 1473
Fukuda, M. *see* Mawatari, H. 44469
Fukuda, M. *see* Nakahira, H. 41382
Fukuda, M. *see* Sunouchi, K. 41169
Fukuda, M. *see* Suzuki, M. 42882
Fukuda, M. *see* Yamamoto, H. 11760
Fukuda, M. *see* Yokota, W. 49266
Fukuda, M. *see* Yonemura, N. 10134
Fukuda, M. *see* Yonemura, N. 31093
Fukuda, N. *see* Iwamori, S. 42700
Fukuda, O., Tsuji, T., Kaneko, M. Pattern classification of time-series EEG signals using neural networks 28388
Fukuda, S., Hirosawa, H. Wavelet-based speckle reduction in synthetic aperture radar images 25293
Fukuda, S., Iwaji, Y. Optimal control of sinusoidal input current three phase PWM rectifiers 38875
Fukuda, S., Michizono, S., Saito, Y., Nakao, K., Anami, S. Performance of the rf-source for the KEKB linac 37132
Fukuda, S., Sugawa, S. Improvement on active filter performance by employing an adaptive signal processing technique 21793
Fukuda, S., Sugawa, S.-I. Adaptive signal processing based control of active power filters 28831
Fukuda, S. *see* Ikei, Y. 54837
Fukuda, S. *see* Iwamori, S. 42700
Fukuda, S. *see* Katoh, Y. 33456
Fukuda, T., Hosokawa, T., Nakamura, Y., Katoh, K., Kobayashi, N. Highly reliable SiOF film formation by ECR-CVD using SiF_2H_2 866
Fukuda, T. *see* Arai, F. 23079
Fukuda, T. *see* Arai, F. 58688
Fukuda, T. *see* Chani, V.I. 30726
Fukuda, T. *see* Guo, S. 28059
Fukuda, T. *see* Junyong Kang 41925
Fukuda, T. *see* Kawaguchi, T. 10688
Fukuda, T. *see* Kawaguchi, T. 13533
Fukuda, T. *see* Kawaguchi, T. 13637
Fukuda, T. *see* Koh, H.J. 10655
Fukuda, T. *see* Komatsu, R. 14284
Fukuda, T. *see* Kozuka, T. 23080
Fukuda, T. *see* Kubota, N. 30513
Fukuda, T. *see* Miura, N. 2198
Fukuda, T. *see* Rudolph, P. 10635
Fukuda, T. *see* Schaefer, N. 10645
Fukuda, T. *see* Shuxiang Guo 49382
Fukuda, T. *see* Suzuki, A. 2038
Fukuda, T. *see* Takeda, H. 30716
Fukuda, T. *see* Takeyama, M. 32246
Fukuda, T. *see* Terada, Y. 10667
Fukuda, T. *see* Uda, S. 10657
Fukuda, T. *see* Yamanaka, S. 19451
Fukuda, T. *see* Yamanaka, S. 32726
Fukuda, T. *see* Yamazoe, N. 17590
Fukuda, T. *see* Yoneda, M. 26372
Fukuda, T. *see* Yu, Y.M. 30725
Fukuda, W. *see* Morisawa, T. 32254
Fukuda, Y., Kato, K., Umemura, E. ESD and latch up phenomena on advanced technology LSI 21671
Fukuda, Y., Numata, K., Aoki, K., Nishimura, A. Origin of dielectric relaxation observed for $Ba_{0.5}Sr_{0.5}TiO_3$ thin-film capacitor 2944
Fukuda, Y., Suzuki, Y., Sanada, N., Sasaki, S. Angle-dependent XPS analysis of $(NH_4)_2S_x$-treated InP(001) surfaces 2358
Fukuda, Y. *see* Kaminaga, K. 20729
Fukuda, Y. *see* Kawasaki, M. 16460
Fukuda, Y. *see* Saitoh, K. 32293
Fukuhara, H. Millimeter-wave road and traffic information systems 58133
Fukuhara, N. *see* Fukushima, Y. 22643
Fukuhara, N. *see* Sugasawa, F. 29867
Fukuhara, T., Asai, K., Murakami, T. Very low bit-rate video coding with block partitioning and adaptive selection of two time-differential frame memories 35193
Fukuhisa, T., Kidoguchi, I., Adachi, H., Tanaka, K., Mannoh, M., Takamori, A. Extremely high-power operation of 650 nm-band AlGaInP visible lasers with low optical absorption mirrors 44516
Fukuhisa, T. *see* Kidoguchi, I. 55683
Fukui, H. *see* Tsutaki, K. 31713
Fukui, J. *see* Hamakawa, A. 14194
Fukui, K. *see* Hayashi, M. 17055
Fukui, K. *see* Kagawa, T. 21517
Fukui, K. *see* Kondo, K. 12826
Fukui, K. *see* Kondo, K. 31648
Fukui, M., Aisawa, S., Ishida, O., Shimano, K., Umeda, A., Sakamoto, T., Oda, K., Takachio, N. Allowable fibre input power for installed dispersion-shifted fibre in equal/unequal channel spaced WDM transmission systems 58294
Fukui, M. *see* Boukliev, I. 24739
Fukui, M. *see* Oda, K. 16723
Fukui, M. *see* Saika, S. 40814
Fukui, R. *see* Nakamura, N. 6586
Fukui, S., Ito, M., Tsukamoto, O., Amemiya, N., Hakamata, M. Dependence of self field AC losses in AC multifilamentary composites and cables on external AC magnetic field 43775
Fukui, S., Ooishi, K., Fuji, H., Egashira, T. A distributed user-interface for use in cooperative management of subscriber access networks 35630
Fukui, S. *see* Kaneko, R. 23363
Fukui, S. *see* Sato, H. 59166
Fukui, T. *see* Hara, S. 40482
Fukui, T. *see* Ishikawa, Y. 10692
Fukui, T. *see* Kumakura, K. 52655
Fukui, T. *see* Motohisa, J. 13048
Fukui, T. *see* Shimada, T. 51513
Fukui, T. *see* Tanaka, T. 32444
Fukui, Y. *see* Kita, L. 24817
Fukui, Y. *see* Nakanishi, I. 15351
Fukui, Y. *see* Nakanishi, I. 46447
Fukui, Y. *see* Shibata, S. 33043
Fukui, Y. *see* Sumi, Y. 40946
Fukui, Y. *see* Sumi, Y. 53062
Fukui, Y. *see* Tsukutani, T. 41306
Fukuma, M. *see* Koike, H. 2999
Fukumasa, O., Niitani, E. Numerical study of cesium effects on negative ion production in volume sources 37175
Fukumi, M. A method to design a rotation invariant neural pattern recognition system by a genetic algorithm 5439
Fukumori, T. *see* Fujiwara, Y. 22516
Fukumoto, A. *see* Narahara, T. 44119
Fukumoto, H. *see* Moyama, K. 24429
Fukumoto, H. *see* Sakamoto, S. 43859
Fukumoto, H. *see* Shirakawa, S. 45050
Fukumoto, M. *see* Sekiguchi, M. 42654
Fukumoto, T. *see* Aruga, R. 41251
Fukumoto, T. *see* Qian Chen 57118
Fukumoto, T. *see* Wu, H. 25791
Fukumoto, Y., Watanabe, T., Kuroda, G., Nishikawa, Y., Uemura, H. Effect of circuit dimensions on printed circuit board radiation 11855
Fukumoto, Y., Wiesmann, H.J., Suenaga, M., Haldar, P. Comparison of magnetically induced and transport current ac losses in silver-sheathed $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$ tapes 3272
Fukumoto, Y., Zhu, Y., Li, Q., Wiesmann, H.J., Suenaga, M., Kaneko, T., Sato, K., Shibutani, K., Hase, T., Hayashi, S., Simon, Ch. Dimensionality and pinning of magnetic vortices in the c-axis aligned $Bi_2Sr_2CaCu_2O_{8+\delta}$ and $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$/Ag tapes irradiated by 5.8-GeV Pb ions 13483
Fukumoto, Y. *see* Hase, T. 55134
Fukumoto, Y. *see* Kamada, T. 36308
Fukumoto, Y. *see* Matsukura, N. 55099
Fukumoto, Y. *see* Miyazaki, T. 55103
Fukumoto, Y. *see* Nakakura, Y. 48218
Fukunaga, A.S., Huang, D.J.-H., Kahng, A.B. Large-step Markov chain variants for VLSI netlist partitioning 2785
Fukunaga, C. *see* Ikeda, H. 18131
Fukunaga, C. *see* Ikeda, H. 59310
Fukunaga, C. *see* Miyata, H. 37384
Fukunaga, C. *see* Senyo, K. 37386
Fukunaga, H., Aikawa, T., Nagaoka, S., Kanai, Y. Improvement in hard magnetic properties of rapidly quenched Sm-Fe-N flakes by Zn-coating 3139
Fukunaga, H., Ihara, M., Sakaki, K., Yamada, K. The relationship between overpotential and the three phase boundary length [SOFC] 29617
Fukunaga, H., Ochiai, H., Kanai, Y., Yamashita, F., Yoshimura, T. Flux stability of a Nd-Fe-B based magnet consolidated from a mixture of isotropic and anisotropic powders 3122
Fukunaga, K., Maeno, T. Internal space charge distribution formed by polymer solid electrolytes 19950
Fukunaga, K., Nishikawa, N., Matsumoto, T., Izumi, M. Model-based object recognition using camera control 15745
Fukunaga, K. *see* Izumi, M. 15746
Fukunaga, K. *see* Maeno, T. 36853
Fukunaga, K. *see* Maeno, T. 54974
Fukunaga, K. *see* Suck-Joong Moon 21554
Fukunaga, N., Yamamoto, M., Kasamatsu, T., Kubo, M., Ohnishi, M., Kasai, A., Okabayashi, N., Ishizaki, J., Nagahama, T. Development of OPIC for optical pickup 23464
Fukunaga, O. *see* Nam, S.M. 21299
Fukunaga, S. *see* Kaminaga, K. 50594
Fukunaga, S. *see* Kaminaga, K. 60393
Fukunaga, T., Kawakami, Y., Kuno, S., Funato, K., Fukashiro, S. Muscle architecture and function in humans 59536
Fukunaga, T. *see* Oota, A. 13492
Fukuoka, C., Hojo, H. Personal multimedia communications services (PMC) 16414
Fukuoka, H. *see* Waters, R.C. 57941
Fukuoka, S. *see* Nohma, T. 9522
Fukuoka, T. *see* Kamada, T. 36308
Fukuoka, T. *see* Kanaoka, Y. 60240
Fukuoka, T. *see* Nakakura, Y. 48218
Fukuoka, T. *see* Okuda, M. 41335
Fukuoka, Y. *see* Hiranuma, S. 12053
Fukuoka, Y. *see* Ishizuka, M. 10089
Fukuoka, Y. *see* Motomura, T. 12025
Fukuoka, Y. *see* Sato, Y. 10167
Fukuoka, Y. *see* Sato, Y. 11910
Fukuoka, Y. *see* Sato, Y. 41593
Fukurai, N. *see* Takashige, M. 2945
Fukusako, T. *see* Tsutsumi, M. 53534
Fukushima, A., Iwasa, A., Nakamura, K., Komatsuzaki, T., Sato, A., Sakamoto, Y. Experimental study of quantum current standard at ETL 27248
Fukushima, A. *see* Iwasa, A. 27249
Fukushima, A. *see* Nakamura, Y. 27830
Fukushima, F., Uera, Y., Fujisaka, T., Kondo, M. Target detection performance of the CFAR which is used in the interference environment 48053
Fukushima, F. *see* Ichioka, Y. 35075
Fukushima, H. *see* Wada, H. 47761
Fukushima, K. Neural network model of spatial memory 25737
Fukushima, K. *see* Fujiwara, Y. 49405
Fukushima, K. *see* Nakamura, T. 55668
Fukushima, M., Liqun Qi A globally end superlinearly convergent algorithm for nonsmooth convex minimization 10418
Fukushima, M. *see* Aulchenko, V.M. 37247
Fukushima, M. *see* Ohshima, Y. 18083
Fukushima, M. *see* Yamakawa, E. 486
Fukushima, M. *see* Yamashita, N. 40118
Fukushima, N. *see* Izuha, M. 43581
Fukushima, N. *see* Ota, H. 38293
Fukushima, S. Division-based analysis of symmetry and its application 46075
Fukushima, S. *see* Matsuo, S. 3665
Fukushima, S. *see* Yoshikawa, H. 49102
Fukushima, T., Kawahara, A., Nanba, T., Matsumoto, M., Nishimoto, T., Ikeda, N., Judai, Y., Sumi, T., Arita, K., Otsuki, T. A microcontroller embedded with 4 Kbit ferroelectric non-volatile memory 1475
Fukushima, T., Sakamoto, T. Multimode optical fiber demultiplexer-star coupler using a single gradient-index-rod lens and a multi-facet grating 55210
Fukushima, T., Sakamoto, T. Optical signal inverter using injection locking of coupled semiconductor lasers 55811
Fukushima, T. *see* Kotaki, H. 43026
Fukushima, T. *see* Mori, S. 32314
Fukushima, T. *see* Murakami, T. 49064
Fukushima, T. *see* Yamashiro, S. 38312
Fukushima, Y., Fukuhara, N., Ueyama, K. Evaluation of performance of attenuated phase shift mask using simulation 22643
Fukushima, Y. *see* Adan, A.O. 43318
Fukuta, Y. *see* Collard, D. 13197
Fukutani, K., Yamazaki, T., Sato, M., Sugano, M. L-band circular active phased array antenna 56198
Fukutoku, M. *see* Oda, K. 16723
Fukutoku, M. *see* Oda, K. 47903
Fukutome, H. *see* Takikawa, K. 4963
Fukutomi, H., Takagi, T., Tani, J., Hashimoto, M., Shimone, J., Harada, Y. Numerical evaluation of ECT impedance signal due to minute cracks 40709
Fukuyama, A. *see* Fujiwara, Y. 22516
Fukuyama, H. *see* Ishibashi, K. 19843
Fukuyama, M. *see* Kudoh, Y. 11758
Fukuzawa, K. *see* Kuwano, H. 13155
Fukuzawa, M., Yoshitake, T., Yumiba, H., Iwamoto, M. Relationship between space charge and AC treeing in low density polyethylene under needle-plane electrode systems 32621
Fukuzawa, R. *see* Miyamoto, W. 18331
Fukuzo, Y. *see* Saeki, T. 1385
Fukuzumi, S. 64-channel EEG measurement system–applying to stress measurement 59593
Fulbert, L., Accomo, R., Molva, E., Besesty, P., Mouttet, A. Microchip laser range finder 4161

Fulcher, J. *see* Fisher, R. 24489
Fulcher, J. *see* Wilson, D. 28628
Fulcher, R.V. *see* Waite, P.P. 51360
Fuld, R.B. *see* Bryan, R.E. 30109
Fuldseth, A., Ramstad, T.A. Subband video coding with smooth motion compensation 25435
Fuldseth, A., Ramstad, T.A. Robust subband video coding with leaky prediction 46474
Fuldseth, A., Ramstad, T.A. Combined video coding and multilevel modulation 57021
Fuldseth, A. *see* Balasingham, I. 46357
Fulei Chu *see* Chu Fulei
Fulham, M.J. *see* Eberl, S. 37632
Fulham, M.J. *see* Hooper, P.K. 37631
Fulham, M.J. *see* Meikle, S.R. 37672
Fuling Li *see* Li Fuling
Fulkerson, D., Borgeson, R., Hochhalter, R., Baier, S., Nohava, J. Complementary heterostructure FET standard cells 40989
Fulle, D. *see* Dorschel, B. 59296
Fullekrug, M., Reising, S.C., Lyons, W.A. On the accuracy of arrival azimuth determination of sprite-associated lightning flashes by Earth-ionosphere cavity resonances 45133
Fuller, A.T.G., Nowrouzian, B. A new set of design and realizability conditions for Bode-type variable-amplitude digital equalizers 16001
Fuller, G., Larsen, W.E. Avionics HIRF certification for the 21st century 49917
Fuller, H. *see* Besterfield-Sacre, M. 20473
Fuller, J. *see* Carlin, R.T. 61027
Fuller, J. *see* Delisle, G. 238
Fuller, M.A. *see* Dubaniewicz, T.H., Jr. 39482
Fuller, M.R. *see* Seegar, W.S. 36286
Fuller, R., Evans, H., Gamlen, C., Czagas, B., Morrison, M., Decrosta, D., Lowry, R., Lenahan, P., Frye, C. The effect of deposition conditions on the radiation tolerance of BPSG films 21386
Fuller, R. *see* Ruth, R.D. 49165
Fuller-Mora, W.W., Stokes, K.L., Tritt, T.M., Ehrlich, A.C., Liu, J.Z., Shelton, R.N. Electronic transport properties of $PrBa_2Cu_{3-y}Ga_yO_{7-\delta}$ 32899
Fuller-Mora, W.W. *see* Stokes, K.L. 30981
Fullerton, E.E. *see* Keavney, D.J. 43663
Fullowan, T. *see* Morton, P.A. 16819
Fullowan, T. *see* Tanbun-Ek, T. 55691
Fulong Dai *see* Jiansen Zhu 30263
Fulong Dai *see* Dai Fulong
Fulong Zhang *see* Gubo Li 2352
Fulong Zhang *see* Zhang Fulong
Fulop, J. Lagrangian duality of concave minimization subject to linear constraints and an additional facial reverse convex constraint 10354
Fulton, C., San-Qi Li Delay jitter first-order statistical function in high-speed multi-media networks 6331
Fulton, K. New Czech and Slovak designs from 1000 to 4100 kW in power output 19571
Fulton, K. GT140P clean coal PFBC plant rated 425 MWe and 45% efficiency 50803
Fulton, N.L. Sensor based situational awareness as a hazard paradigm for optimisation of ATC systems design 49957
Fulton, R.E. Trends in electronic mechanical CAD integration 30241
Fulton, R.E. *see* Zhou, W.X. 31046
Fulton, R.R. *see* Eberl, S. 37632
Fultz, B. *see* Witham, C.K. 61036
Fultz, W.W., Neudeck, G.W. Ammonia nitridation of thermal polyoxide to eliminate epitaxial ambient induced dielectric pinhole formation 22558
Fulvio, P.Di *see* Di Fulvio, P.
Fumagalli, A. *see* Bianco, A. 47496
Fumagalli, A. *see* Chlamtac, I. 47999
Fumelli, M. *see* Pamela, J. 36993
Fumi, F., Lanzieri, C., Lupano, D., Negri, G., Peroni, M., Cetronio, A. Multi-function self-aligned gate (MSAG) process for low cost, increased performance GaAs integrated circuits 54820
Fumin Qiu *see* Qiu Fumin
Fuming Li, Harris, F.W., Cheng, S.Z.D. Polyimide films as negative birefringent compensators for normally white twisted nematic liquid crystal displays 13716
Fuming Li *see* Jianyao Wu 44697
Fuming Li *see* Lei Xu 14340
Fuming Li *see* Li Fuming
Fuming Yang *see* Yang Fuming
Fummi, F., Sciuto, D. The use of hierarchical information to test large controllers 41078
Fummi, F. *see* Barbagallo, S. 31275
Fummi, F. *see* Bevacqua, R. 1057
Fumo, J.P., Cushcieri, J., Kuntsal, E., Wapner, M. "The implementation of a massively parallel RISC-based digital transmitter for multi-dimensional acoustic imaging" 48139
Fun Luk Shu *see* Shu Fun Luk
Funaba, S. *see* Ishimura, E. 26840
Funabashi, J. *see* Matsuo, H. 15527
Funabashi, M. *see* Ohata, K. 21958
Funabashi, T. *see* Hagiwara, T. 28943
Funabiki, S. *see* Fujii, T. 19116
Funada, K., Kimura, H., Kawai, S., Maruta, T., Nakajima, T. Network technologies for international B-ISDN 6274
Funada, M.F., Ninomija, S.P. Analysis of brain activity for HCI 59594
Funae, H. *see* Hashimoto, S. 16232
Funae, K. *see* Yoshida, S. 9710
Funagai, K., Miyahura, Y., Ozaki, H., Kulbachinskii, V.A. Tunneling spectroscopy of band edge structures of Bi_2Te_3 and Sb_2Te_3 32093
Funak, F. *see* Mandelis, A. 1006
Funaki, A. *see* Yoshida, H. 10984
Funaki, H. *see* Kawaguchi, Y. 54669
Funaki, H. *see* Nakagawa, A. 42926
Funaki, K. *see* Matsushita, T. 55092
Funaki, T. *see* Michihira, M. 19847
Funaki, T. *see* Michihira, M. 51310
Funakoshi, S. *see* Tanaka, S. 61302
Funakoshi, T. *see* Okada, M. 14164
Funakubo, H. *see* During, C. 36645
Funakubo, H. *see* Fujii, M. 8170
Funakubo, H. *see* Uchida, T. 28069
Funakubo, H. *see* Uchida, T. 28394
Funakubo, N., Wang, Y. Detection of geometric shapes by the combination of genetic algorithm and subpixel accuracy 15562
Funakubo, N. *see* Takeda, Y. 11468
Funami, H. *see* Uda, S. 29350
Funato, K. *see* Fukunaga, T. 59536
Funato, M., Aoki, S., Fujita, S., Fujita, S. Formation of an atomically flat surface of ZnSe on GaAs (001) by metalorganic vapor phase epitaxy 30764
Funato, M., Aoki, S., Fujita, S., Fujita, S. Initial growth behavior of GaAs on ZnSe in MOVPE 40356
Funato, M. *see* Narukawa, Y. 42098
Funato, T. Expansion of capacities and optional functions of high performance, general-purpose inverter, the THYFREC-VT210S 29380
Funaya, N. *see* Nagashima, Y. 49349
Funaya, O. *see* Oka, H. 31538
Funayama, M. *see* Morita, S. 10599
Funayama, R., Yokoya, N., Iwasa, H., Takemura, H. Facial component extraction by cooperative active nets with global constraints 5386
Funck, T. *see* Hebrank, F.X. 23408
Funer, R. *see* Sullivan, C. 9692
Funfschilling, J., Schadt, M. Performance of conventional and novel deformed helix ferroelectric liquid crystal display operating modes 17641
Fung, A. *see* Dusa, M. 2465
Fung, A. *see* Wenham, S.R. 39088
Fung, A.K., Cong, L., Albrecht, J.D., Nathan, M.I., Ruden, P.P., Shtrikman, H. Linear in-plane uniaxial stress effects on the device characteristics of AlGaAs/GaAs modulation doped field effect transistors 32438
Fung, A.K., Hsieh, C.Y., Nesti, G., Sieber, A., Coppo, P. A further study of the IEM surface scattering model 8505
Fung, A.K. *see* Betty, C.L. 8394
Fung, A.K. *see* Dawson, M.S. 28651
Fung, A.K. *see* Li, Z. 8395
Fung, A.K. *see* Tjuatja, S. 18880
Fung, A.W.P. *see* Torsi, L. 2618
Fung, A.W.P. *see* Torsi, L. 2725
Fung, G.S.K., Liu, J.N.K., Lau, R.W.H. Feature selection in automatic signature verification based on genetic algorithms 25783
Fung, H.T., Parker, K.J. Efficient transmission of halftones via facsimile 26078
Fung, I. *see* Greer, D.R. 27087
Fung, J., Makis, V. An inspection model with generally distributed restoration and repair times 20999
Fung, K.K., Hui, S.Y.R. Generalised companion switch and link models for power electronic circuit simulation 40905
Fung, K.K. *see* Hui, S.Y.R. 60363
Fung, P.C.W. *see* Cai, H.T. 35259
Fung, P.C.W. *see* Cai, H.T. 36955
Fung, R. *see* Wissinger, J. 6938
Fung, R.Y.K., Shouju Ren, Jinxing Xie The prioritisation of attributes in customer requirement management 20794
Fung, S. *see* Luo, Y.L. 42248
Fung, S. *see* Reddy, C.V. 2032
Fung, S. *see* Reddy, C.V. 7522
Fung, S. *see* Xu Xiaoliang 3321
Fung, S.F. *see* Greenwald, R.A. 38062
Fung, S.K.H., Man Kit Wong, Chan, M., Nguyen, C.T., Ko, P.K. Frequency dispersion in partially depleted SOI MOSFET output resistance 22820
Fung, S.K.H., Zhenan Tang, Chan, P.C.H., Sin, J.K.O., Cheung, P.W. Thermal analysis and design of a micro-hotplate for integrated gas-sensor applications 13161
Fung, S.K.H. *see* Cheung, D.T.Y. 21500
Fung Chang Li *see* Li Fung Chang
Fung Hing Choi *see* Hing Choi Fung
Fung Kuan-Zong *see* Kuan-Zong Fung
Fung Ping-Fu *see* Ping-Fu Fung
Fung Rong-Fong *see* Rong-Fong Fung
Fung-Yuel Chang, Kong-Pang Pun Travelling wave simulation of diode charge storage effect 2583
Fung-Yuel Chang *see* Jun-Fa Mao 40847
Fung-Yuel Chang *see* Qing-Xin Chu 14660
Fung-Yuel Chang *see* Wai-Hung Leung 14651
Funk, B. *see* Krawczynski, H. 37287
Funk, D.S., Eden, J.G. Upconversion fiber lasers operating in the visible and ultraviolet 23781
Funk, E.E., Lee, C.H. Free-space power combining and beam steering of ultra-wideband radiation using an array of laser-triggered antennas 14744
Funk, E.E., Saddow, S.E., Jasper, L.J., Jr., Lee, C.H. Optically controlled ultra-wideband transceiver 58113
Funk, J. *see* Baltes, H. 43407
Funk, J.M., Korvink, J.G., Buhler, J., Bachtold, M., Baltes, H. SOLIDIS: a tool for microactuator simulation in 3-D 43389
Funke, F., Greger, G.-U., Hellmann, S., Bleier, A., Morell, W. Iodine-steel reactions under severe accident conditions in light-water reactors 29010
Funke, M. *see* Klemradt, U. 12283
Funke, S. *see* Sahlen, O. 36141
Funkenbusch, P.D. *see* Smith, M. 33195
Funsten, H.O., Suszcynsky, D.M., Harper, R.W. Mean secondary electron yield of avalanche electrons in the channels of a microchannel plate detector 7782
Funt, B. *see* Barnard, K. 46423
Fuochi, P.G. *see* Paccagnell, A. 22472
Fuqi Li *see* Li Fuqi
Fuqi Zuo *see* Zuo Fuqi
Fuqiang Shi *see* Shi Fuqiang
Fuqiang Yao *see* Yao Fuqiang
Fuqin Xiong, Bhatmuley, S. Performance of MHPM in Rician and Rayleigh fading mobile channels 47619
Fuqin Xiong, Shivananda, V. Performance of 1REC-MHPM in the presence of adjacent channel interference 14781
Fuqin Xiong *see* Dong Wu 6561
Fuqua, P.D. *see* Kuo, Y.-K. 3763
Fuqua, P.D. *see* Yen-Kuang Kuo 3776
Fur, C.Le *see* Le Fur, C.
Furakawa, A. *see* Tanabe, A. 6771
Furashov, N.I. *see* Katkov, V.Yu. 45128
Furber, S.B. The return of asynchronous logic 31243
Furber, S.B., Garside, J.D., Temple, S., Liu, J., Day, P., Paver, N.C. AMULET2e: an asynchronous embedded controller 53329
Furber, S.B. *see* Petlin, O.A. 53328
Furcic, B. *see* Ungarov, J. 29765
Furdyna, J.K. *see* Morton, R. 12442
Furdyna, J.K. *see* Sparing, L.M. 23665
Furdyna, J.K. *see* Xin, S.H. 10810
Furetta, C. *see* Biggeri, U. 7827
Furetta, C. *see* Brassart, N. 59854
Furga, G.S. *see* Manigrasso, R. 51785
Furga, G.Superti *see* Superti Furga, G.
Furgal, J. *see* Florkowska, B. 50596
Furht, B. *see* Westwater, R. 5185
Furio, C., Charitat, G., Lhorte, A., Dilhac, J.-M. A new barrier lowering model for metal-Silicide Schottky power diodes 40904
Furio, I. *see* Femenias, G. 6634
Furio, I. *see* Femenias, G. 36007
Furioli, J. *see* Eliseev, P.G. 55462
Furkay, S. *see* Voldman, S.H. 31278
Furlan, J., Popovic, P., Smole, F., Topic, M. Temperature dependence of p-i-n HIT solar cell characteristics 39142
Furlan, J. *see* Popovic, P. 39151
Furlan, J. *see* Topic, M. 7328
Furlan, J. *see* Topic, M. 31879
Furlan, J. *see* Topic, M. 39143
Furlan, J. *see* Topic, M. 48533
Furlan, R., Zemel, J.N. Controlled choked flow in microfluidic devices 23062
Furlan, R. *see* Mainardi, L.T. 59391
Furlan, W.D. *see* Andres, P. 57139
Furlanello, C., Giuliani, D., Trentin, E., Merler, S. Speaker normalization and model selection of combined neural networks 56400
Furlani, A. *see* Caliendo, C. 58719
Furlani, A. *see* Russo, M.V. 58721
Furley, N. The BT operational support systems architecture 35567
Furley, N. OSS architecture framework 35653
Furlong, P. *see* Cox, A. 28810
Furlong, P.L. *see* Singh, K.D. 59504
Furlonge, S. *see* Louri, A. 13762
Furman, A.S. *see* Dmitriev, A.P. 22883
Furman, B.J. Battery operated atomic force microscope 36789
Furman, D. *see* Blayvas, I. 13928
Furman, E. *see* Dausch, D.E. 43490
Furman, E. *see* Li, G. 43585
Furman, K. *see* Berger, K. 20887
Furman, Ya.A. Visual contour structures with specific spectral-correlation properties 34982
Furmanczyk, M., Napieralski, A. Application of sparse matrix techniques and self-adopting mesh generation to 3-D transient thermal simulation 11041
Furneaux, J.E. *see* Kravchenko, S.V. 12157
Furnee, E.H. *see* Jobbagy, A. 37717
Furner, R. *see* Sullivan, C. 1803
Furness, P. *see* Edom, T. 16930
Furong Chen *see* Chen Furong
Furong Zhu, Kohara, H., Fuyuki, T., Matsunami, H. Structural and optical properties of polycrystalline silicon thin films deposited by PECVD method 30897
Furs, A.N., Barkovsky, L.M. Integral formalism for surface polaritons at the boundary between two anisotropic media 55998
Furse, C. *see* Pandit, V. 18563
Furse, C.M., Gandhi, O.P. Calculation of electric fields and currents induced in a millimeter-resolution human model at 60 Hz using the FDTD method with a novel time-to-frequency-domain conversion 37900

Furse, C.M., Lazzi, G., Ghandi, O.P. FDTD computation of power deposition in the head for cellular telephones 37899
Fursei, G.N., Baskin, L.M. Field emission from semiconductors 53894
Fursei, G.N., Glazanov, D.V., Baskin, L.M., Evgen'ev, A.O., Kocheryzhenkov, A.V., Polezhaev, S.A. Properties of nanometer field emitters 53898
Fursey, G. *see* Baskin, L. 28494
Fursey, G.N., Shirochin, L.A., Baskin, L.M. Field-emission processes from a liquid-metal surface 53943
Furst, C., Leitenstorfer, A., Laubereau, A. Mechanism for self-synchronization of femtosecond pulses in a two-color Ti:sapphire laser 55587
Furst, C., Leitenstorfer, A., Laubereau, A., Trankle, G., Weimann, G. Femtosecond nonequilibrium dynamics of electrons in GaAs at low excitation densities 1999
Furst, G. *see* Hacklander, T. 7883
Furst, J.E., Yu, D.H., Hayes, P.A., D'Souza, C.M., Williams, J.F. Liquid crystal variable retarders in atomic scattering 3473
Furst, S. *see* Werner, S. 18647
Furst, W. *see* Jahn, E. 36142
Furstenau, N., Beyer, T., Goetze, W., Horak, H., Schmidt, W., Werner, A. Interferometric vibration and acoustic sensor systems for airport ground traffic monitoring 49952
Furtado, H.C., Le May, I. Premature failures in the contacts of drawout clusters 11796
Furth, D. *see* Van Cayseele, P. 10263
Furth, P. *see* Pineda, F. 56586
Furth, P.M., Andreou, A.G. Cochlear models implemented with linearized transconductors 8158
Furth, P.M., Andreou, A.G. Transconductors in subthreshold CMOS 31370
Furth, P.M., Andreou, A.G. Integrators for continuous-time analog auditory models 31452
Furthner, J. *see* Steinkellner, O. 14042
Furtsch, M. *see* Bevk, J. 22973
Furtsch, M. *see* Schiml, T. 22974
Furubo, S. *see* Hoshijima, K. 51283
Furudate, S. *see* Nishimaki, T. 59425
Furudate, T. *see* Imae, J. 40191
Furugen, K. *see* Takayama, J. 26797
Furuhashi, H., Hayashi, N., Watanabe, S., Higa, S., Uchida, Y., Singh, B.p., Kashyap, K. Automatic angular alignment in mask aligner using computer controlled moire technique 41695
Furuhashi, T. *see* Yoshikawa, T. 56313
Furuhata, M. *see* Taira, T. 14061
Furuhata, N. *see* Amamiya, Y. 1713
Furuhata, Y. *see* Maruyama, M. 7088
Furui, S. *see* Iida, K. 30445
Furui, S. *see* Matsui, T. 15132
Furui, S. *see* Matsuoka, T. 14967
Furui, S. *see* Matsuoka, T. 15110
Furui, S. *see* Minami, Y. 14927
Furui, T., Imagi, A. A crash detection algorithm for airbag systems 9700
Furuichi, H., Fearing, R.S. A planar capacitive micro positioning sensor 23073
Furuichi, K., Yamanaka, N. Pulverized-coal-fired thermal power plant built up in Thailand 29092
Furuichi, R., Aikawa, Y., Shimada, K., Takamoto, Y., Chiba, A., Fukao, T. A stable operation of induction type bearingless motor under loaded conditions 29331
Furuie, S.S. *see* Gutierrez, M.A. 49444
Furukaura, A. *see* Kurisu, M. 26417
Furukawa, A., Abe, Y., Shimizu, S., Kuroi, T., Tokuda, Y., Inuishi, M. Channel engineering in sub-quarter-micron MOSFETs using nitrogen implantation for low voltage operation 2837
Furukawa, A. *see* Nakahara, Y. 2807
Furukawa, A. *see* Sakamoto, K. 20160
Furukawa, A. *see* Shirafuji, J. 40425
Furukawa, A. *see* Togo, M. 2644
Furukawa, A. *see* Yamamoto, T. 1727
Furukawa, H., Kamio, Y., Sasaoka, H. Co-channel interference reduction method using CMA adaptive array antenna 58142
Furukawa, H., Yabuta, Y., Otsubo, T., Miyagi, K., Taniguchi, A. Mode-locked ring lasers using an MQW-semiconductor optical amplifier 23935
Furukawa, H. *see* Ishida, I. 41497
Furukawa, H. *see* Tanaka, T. 32444
Furukawa, K. *see* Aoki, T. 58309
Furukawa, K. *see* Futakuchi, T. 931
Furukawa, K. *see* Kamikubota, N. 49061
Furukawa, M., Sunaga, H., Kurihara, N., Tomura, M. Analysis of reusability of communication switching software based on C++ object-oriented design 6405
Furukawa, R., Imai, M., Uno, T. Active tubes in multiscale image queue 5116
Furukawa, S., Mehregany, M. Electroless plating of nickel on silicon for fabrication of high-aspect-ratio microstructures 32580
Furukawa, S. *see* Izumita, H. 33014
Furukawa, S. *see* Roy, S. 54831
Furukawa, T., Eguchi, T., Ohchi, M. Development of EWS aided graphical facilities for computational electromagnetism 44895
Furukawa, T., Imura, M. Non-linear dielectric effects in polymers and glass-forming liquids 54867
Furukawa, T., Rye, D.C., Dissanayake, M.W.M.G., Barratt, A.J. Automated polishing of an unknown three-dimensional surface 7566
Furukawa, T. *see* Hoshimiya, N. 59810
Furukawa, T. *see* Kimoto, M. 555
Furukawa, T. *see* Masuda, K. 18239
Furukawa, T. *see* Masuda, K. 18359
Furukawa, T. *see* Nagakura, T. 17559
Furukawa, T. *see* Ohchi, M. 44906
Furukawa, T. *see* Yoshimoto, S. 4736
Furukawa, Y. *see* Ishibashi, K. 19843
Furukubo, T. *see* Sakurai, T. 6020
Furumai, M., Oku, T., Ishikawa, H., Otsuki, A., Koide, Y., Oikawa, T., Murakami, M. NiGe-based ohmic contacts to n-type GaAs 12548
Furumiya, M. *see* Hatano, K. 48683
Furumoto, H. *see* Shibahara, K. 43064
Furuno, K. *see* Nagashima, Y. 49349
Furuno, T. *see* Ichitsubo, S. 26466
Furuno, T. *see* Ichitsubo, S. 47770
Furusawa, A. Amplitude squeezing of a semiconductor laser with light injection 33478
Furusawa, A., Suetsugu, K., Yamaguchi, A., Taketomo, H. Thermoset Pb-free solder using heat-resistant Sn-Ag paste 52199
Furusawa, T. *see* Miyamoto, M. 22936
Furuse, M. *see* Korogi, Y. 59489
Furuse, Y. *see* Tsuchiya, T. 29105
Furushima, Y., Sasaki, Y., Murakami, T., Hasumi, H., Enokidani, J., Tomida, S., Takano, S. Wide temperature range operation of 1.3 μm strained MQW λ/4-shifted DFB-LDs for 2.5 Gb/s transmission modules without temperature control 14196
Furuta, K. *see* Izumikawa, M. 21731
Furuta, K. *see* Jeong, E. 38468
Furuta, K. *see* Oishi, T. 57426
Furuta, S., Furuta, S. Visualization of air flows around low wind-pressure overhead transmission conductors 60405
Furuta, S. *see* Furuta, S. 60405
Furuta, S. *see* Ikeda, H. 2379
Furuta, T. *see* Shigekawa, N. 43134
Furuta, T. *see* Tsuji, O. 10025
Furutake, N. *see* Takemura, H. 31701
Furutake, N. *see* Takemura, H. 53962
Furutani, K., Ooishi, T., Asakura, M., Hidaka, H., Ozaki, H. A board level parallel test and short circuit failure repair circuit for high-density, low-power DRAMs 1393
Furutani, K., Ooishi, T., Asakura, M., Hidaka, H., Ozaki, H., Yamada, M. A board level parallel test circuit and a short circuit failure repair circuit for high-density, low-power DRAMs 53299
Furuya, A., Hosoi, N., Koyama, K., Ohshita, Y., Numasawa, Y. TiW/Cu/TiW interconnection lines patterned by IR-assisted RIE 12807
Furuya, I. *see* Iwai, M. 52589
Furuya, K., Saito, T., Yamada, I., Hata, T. In situ microlithography of Si and GaAs by a focused ion beam in a 200 keV TEM 12835
Furuya, K. *see* Hongo, H. 22742
Furuya, K. *see* Hongo, H. 43165
Furuya, K. *see* Hongot, H. 42200
Furuya, K. *see* Kang, Y.C. 13045
Furuya, K. *see* Kobayashi, M. 39247
Furuya, K. *see* Takemura, R. 22891
Furuya, M., Ochi, A. Dielectric materials for microwave and millimeter-wave applications 43426
Furuya, N. *see* Kato, M. 33369
Furuya, N. *see* Sugiyama, T. 55510
Furuya, T. *see* Higuchi, T. 1289
Furuya, T. *see* Kurosu, K. 46144
Furuya, T. *see* Tajima, T. 17982
Furuyabu, H., Niwa, K., Hayashi, K., Yamakawa, Y. Hybrid electric micro bus for short-haul transit in cities 61290
Furuyama, E. *see* Sekimoto, Y. 14602
Furuyama, M. *see* Tsuji, H. 18338
Fusaro, J.M. Effects of multiple ceramics on reliability in high current power modules 30212
Fusaro, J.M., Darveaux, R. Reliability of copper baseplate high current power modules 52224
Fusaro, J.M., Martinez, J.L., Jr., Romero, G.L. Variational solid modeling of metal matrix composite high current power modules 10114
Fusaro, J.M., Romero, G.L., Rodriguez, P., Martinez, J.L., Jr. Thermal characterization of DBC and MMC stacks for power modules 30211
Fusaro, S. *see* Bortolan, G. 49684
Fusayasu, H. *see* Inoue, H. 41552
Fusayasu, H. *see* Okada, Y. 50894
Fuschi, D.L., Piuri, V. META: multimedia environment for training applications 26360
Fusco, D. *see* Jackson, D.K. 51195
Fusco, V.F. *see* Humphrey, D.E.J. 14754
Fusco, V.F. *see* Karode, S.L. 14753
Fuse, G. *see* Kato, Y. 43314
Fuse, M., Kudo, Y., Maeda, K., Ohya, J., Ishino, M., Fujito, K. Development of 128 optical distribution system of 150 chs AM/QAM hybrid signals 27169
Fuse, M. *see* Fujito, K. 17075
Fuse, M. *see* Kawashima, S. 16710
Fuse, T., Oowaki, Y., Terauchi, M., Watanabe, S., Yoshimi, M., Ohuchi, K., Matsunaga, J. An ultra low voltage SOI CMOS pass-gate logic 41104
Fuse, T. *see* Mizuno, O. 19495
Fusellier, J. *see* Garvey, T. 49193
Fushen Chen *see* Chen Fushen
Fushen Li *see* Li Fushen
Fusheng Teng *see* Teng Fusheng
Fusheng Wang *see* Wang Fusheng
Fusheng Yang *see* Yang Fusheng
Fushida, A.M. *see* Yamamoto, K. 30754
Fushimi, H., Shinohara, M., Wada, K. Effects of native defects on carrier concentrations in heavily Si-doped and adjoining lightly doped GaAs layers 31809
Fushinobu, K., Hijikata, K., Majumdar, A. Heat generation in sub-micron GaAs MESFETs 32454
Fushuan Wen, Zhenxiang Han A refined genetic algorithm for fault section estimation in power systems using the time sequence information of circuit breakers 50294
Fushuan Wen *see* Wen Fushuan
Fushun Zhang *see* Zhang Fushun
Fusillo, L., de Moustier, C., Satriano, J.H., Zietz, S. In-situ far-field calibration of multibeam sonar arrays for precise backscatter imagery 38046
Fuska, T. *see* Reindl, T. 10914
Fuso, F. *see* Allegrini, M. 907
Fuso, F. *see* Diligenti, A. 42343
Fusong Jiang *see* Jiang Fusong
Fussell, D.S. *see* Patra, P. 1247
Fussell, D.S. *see* Patra, P. 53228
Fuster, J. *see* Allport, P.P. 37375
Fuster, J. *see* Beringer, J. 37394
Fuster-Sabater, A., Caballero-Gil, P. Global linear complexity analysis of filter keystream generators 45566
Futagi, T., Tachikawa, A., Jono, A., Morikawa, Y., Aigo, T., Moritani, A. Measurement of carrier concentration at the GaAs-Si interface in GaAs on Si by Raman scattering 31934
Futaki, H. *see* Daud, A. 13824
Futakuchi, T., Tanino, K., Furukawa, K., Adachi, M., Kawabata, A. Low-temperature sintering of $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$ ceramics with addition of PbO-Bi_2O_3 931
Futami, M. *see* Hombu, M. 60698
Futami, R. *see* Hoshimiya, N. 59810
Futami, T. *see* Shibata, K. 17644
Futamoto, M. *see* Hirayama, Y. 32849
Futamoto, M. *see* Kimoto, K. 23368
Futamura, S., Yamamoto, T. Byproduct identification and mechanism determination in plasma chemical decomposition of trichloroethylene 61384
Futamura, S., Zhang, A., Prieto, G., Yamamoto, T. Factors and intermediates governing by product distribution for plasma chemical processing 39480
Futao Zhao *see* Zhao Futao
Futatsugi, T., Horiguchi, N., Saito, M., Yokoyama, N. Observation of single electron effects using HEMT 13029
Futatsugi, T., Ogawa, S., Takemoto, M., Yanaka, M., Tsukatara, Y. Integrity evaluation of SiO_x film on polyethylene terapthalate by AE characterization and laser microscopy 40736
Futatsugi, T. *see* Horiguchi, N. 42195
Futatsugi, T. *see* Horiguchi, N. 54219
Futatsugi, T. *see* Nakajima, A. 41151
Futatsugi, T. *see* Nakajima, A. 43145
Futsuhara, M., Yoshioka, K., Ishida, Y., Takai, O., Hashimoto, K., Fujishima, A. Micropattern formation on ZnO films using a photodissolution reaction 12840
Fuwa, Y. *see* Sagioka, K. 33654
Fuwamoto, Y. *see* Oohashi, T. 49593
Fuwang Yan *see* Yan Fuwang
Fuweng Wang *see* Wang Fuweng
Fuxi Gan *see* Baolong Yu 44740
Fuxi Gan *see* Jianping Fan 5506
Fuxi Gan *see* Peizhen Deng 10669
Fuxi Gan *see* Gan Fuxi
Fuyau Lin *see* Hsien-Chen Li 161
Fuying Zhao *see* Tiaosheng Tong 44341
Fuyong Xu, Keyu Zhao, Ling Zhao Network analyses for transmission characteristics of several kinds of curve-shaped groove waveguides 14686
Fuyong Xu, Keyu Zhao, Qiang Wang Theoretical analysis for dispersion characteristics of elliptic-groove waveguide with mode-matching method 45340
Fuyuki, T., Hatayama, T., Tarui, Y., Matsunami, H. Low-temperature heteroepitaxy of cubic SiC on Si using hydrocarbon radicals in gas source MBE 10705
Fuyuki, T. *see* Fujii, T. 31878
Fuyuki, T. *see* Furong Zhu 30897
Fuyuki, T. *see* Hatayama, T. 744
Fuyuki, T. *see* Hatayama, T. 40383
Fuyuki, T. *see* Hatayama, T. 52720
Fuyuki, T. *see* Matsunami, H. 52708
Fuyun Xu *see* Xu Fuyun
Fuzessy, Z., Gyimesi, F., Raczkevi, B., Makai, J., Kornis, J., Laszlo, I. Holographic illumination for comparative measurement 4132
Fuzessy, Z., Gyimesi, F., Raczkevi, B., Makai, J., Kornis, J., Laszlo, I. Holographic illumination for comparison in interferometry 14418
Fuzheng Zhou *see* Wentao Hu 33393
Fuzi, J. Eddy currents in ferromagnetic sheets taking magnetic hysteresis nonlinearities into account 4192
Fwu Jong-Kae *see* Jong-Kae Fwu
Fyfe, C. *see* Charles, D. 46067
Fyhrie, D.P. *see* Hoshaw, S.J. 59395
Fyjiwara, H. *see* Fujiwara, A. 25589
Fynn, K.A. *see* Musca, C.A. 12281

Fyock, C. *see* Murtland, J. 48788
Fyodorov, A.A. *see* Kondratiev, D.M. 3586

Ga-Lane Chen *see* Chang, J.J.K. 32831
Ga-Lane Chen *see* Sivertsen, J.M. 32838
Gaa, M., Kunz, R.E., Scholl, E., Eberle, W., Hirschinger, J., Prettl, W. Spatial structure of impact-ionization-induced current filaments in n-GaAs films 12272
Gaa, M., Scholl, E. Traveling carrier-density waves in n-type GaAs at low-temperature impurity breakdown 22265
Gaa, M. *see* Kunihiro, K. 41930
Gaalen, J.J.-W.Van *see* Van Gaalen, J.J.-W.
Gab Cho Jai *see* Jai Gab Cho
Gab Joong Jeong *see* Kyoung Hwan Kwon 53273
Gabai, A.M. *see* Albutov, A.A. 3239
Gabaj, P. *see* Hrianka, M. 46129
Gabara, T. A closed-form solution to the damped RLC circuit with applications to CMOS ground bounce estimation 11153
Gabara, T. *see* Meindl, J.D. *(editor)* 9818
Gabara, T.J., Fischer, W.C. Capacitive coupling and quantized feedback applied to conventional CMOS technology 41277
Gabara, T.J. *see* Ota, Y. 58348
Gabaraev, O.G. *see* Kulakov, S.S. 13744
Gabaraeva, A.D. *see* Berman, L.S. 12587
Gabathuler, K. *see* Lou, K. 7818
Gabathuler, W., Lukosz, W. Electro-nanomechanically wavelength-tunable integrated-optical Bragg reflectors 23568
Gabay, A.M., Popov, A.G., Gaviko, V.S., Belozerov, Ye.V., Yermolenko, A.S. The structure and magnetic properties of rapidly quenched and annealed multi-phase nanocrystalline $Nd_9Fe_{91-x}B_x$ ribbons 43629
Gabber, E., Silberschatz, A. Agora: a minimal distributed protocol for electronic commerce 46719
Gabbouj, M. *see* Cheikh, F.A. 57035
Gabbouj, M. *see* Moga, A. 46495
Gabbouj, M. *see* Moga, A.N. 57110
Gabbouj, M. *see* Tabus, I. 56978
Gabel, J. *see* Idek, I. 5920
Gabella, M. *see* Leone, A. 8438
Gabella, W. *see* Murphy, C.T. 49262
Gabello, N. *see* Prakash, V. 37967
Gaberscek, M. *see* Jamnik, J. 19948
Gaberscek, M. *see* Kek, D. 38945
Gaberson, H.A. Rotating machinery energy loss due to misalignment 29213
Gabillat, J.M. *see* Brassart, N. 59854
Gabillet, Y. *see* Foulonneau, B. 4253
Gabitov, I., Shapiro, E.G., Turitsyn, S.K. Optical pulse dynamics in fiber links with dispersion compensation 23488
Gable, R.A. Videoconferencing perils: "Murphy was an optimist!" 6281
Gabler, F. *see* Bieser, F. 59307
Gabler, R. *see* Fink, T. 7160
Gabler, T., Waldhausl, R., Brauer, A., Michelotti, F., Horhold, H.-H., Bartuch, U. Spectral broadening measurements in poly(phenylene vinylene) polymer channel waveguides 43878
Gabler, T. *see* Bartuch, U. 23531
Gabler, Th., Waldhausl, R., Brauer, A., Bartuch, U., Stockmann, R., Horhold, H.-H. Nonresonant n_2 and two-photon-absorption dispersion measurements of DPOP-PPV and DP-PPV/DP-PFV polymer strip waveguides 55237
Gabor, A.J., Leach, R.R., Dowla, F.U. Automated seizure detection using a self-organizing neural network 18413
Gabor, A.M., Britt, J.S., Delahoy, A.E., Noufi, R., Kiss, Z.J. Manufacturing-compatible methods for the formation of $Cu(In,Ga)Se_2$ thin films 39095
Gaboriault, M., Jr. *see* Lagacy, L. 40977
Gaborit, F. *see* Ducellier, T. 47962
Gaborit, F. *see* Lestra, A. 2404
Gaborit, F. *see* Mestric, R. 47946
Gaborit, F. *see* Renaud, M. 16730
Gaborit, F. *see* Salet, P. 23997
Gaborit, J.C. *see* Fasso, A. 37923
Gaboury, P., Paiouar, P. Meeting the challenge of reduced defect density 20962
Gabrani, M. *see* Kotropoulos, C. 57033
Gabriagues, J.-M., Jacob, J.-B. Photonic switching techniques for broadband applications: Current status and perspectives 16511
Gabric, R.P. *see* Bowman, C.C. 35141
Gabriel, C. Phantom models for antenna design and exposure assessment 47833
Gabriel, C., Zheng, J. Measurements of etch rate pattern sensitivity during metal etching 54480
Gabriel, C. *see* Bothra, S. 42707
Gabriel, K.J. *see* Berlin, A.A. 54840
Gabriel, T.A. *see* Arai, Y. 37267
Gabriel, T.A. *see* Arai, Y. 37268
Gabriele, G.A. *see* Lahey, R.T., Jr. 20593
Gabriele, G.A. *see* McCloskey, L.T. 20652
Gabrielli, A. *see* Boschetti, F. 53512
Gabrielli, A. *see* Masetti, M. 54785
Gabrielson, T.B. Modeling and measuring self-noise in velocity and acceleration sensors 17316
Gabrielson, T.B. *see* Rockstad, H.K. 18965
Gabrielsson, A. *see* Ovegard, A. 59787
Gabrijelcic, D. *see* Jerman-Blazic, B. 6250
Gabrysch, M. *see* Reinhard, I. 13981
Gabsi, M. *see* Camus, F. 60717
Gabsi, M. *see* Laurent, P. 60704
Gabus, J.-C. *see* Guglielmelli, E. 28452
Gabuzda, D. *see* Massi, M. 48194
Gac, C. *see* Terre, T. 50200
Gac, I.Le *see* Le Gac, I.
Gaca, J. *see* Strupinski, W. 693
Gacek, A. *see* Chmielorz, W. 49424
Gacek, A. *see* Jezewski, J. 28098
Gach, A. *see* Pease, R.L. 43254
Gachagan, A. *see* Philp, W.R. 11008
Gachagan, A. *see* Pierce, S.G. 11020
Gachagan, A. *see* Pierce, S.G. 31028
Gachelin, O. *see* Bystricky, J. 59318
Gachkevich, A. *see* Solodyak, M. 43631
Gacoin, T. *see* Ricolleau, C. 12316
Gacs, A., Sziklai, P., Szonyi, T. Two remarks on blocking sets and nuclei in planes of prime order 40033
Gad Allah, A.G., Abd El-Rahman, H.A., Abd El-Galil, M. Role of minor alloying elements on the performance of lead/acid battery grids. II. Corrosion of lead-arsenic alloys 29534
Gadalla, M.A., Mansour, M.S., Mahdy, E., El-Mahallawy, F.M. Energy-efficient ovens for unpolluted balady bread 29920
Gadamsetty, S. *see* Maurer, C.R., Jr. 7886
Gaddi, A. *see* Luiten, A.N. 48500
Gaddis, N., Lotz, J. A 64-b quad-issue CMOS RISC microprocessor 1445
Gaddy, E.M. Cost performance of multi-junction, gallium arsenide, and silicon solar cells on spacecraft 38003
Gaddy, E.M. *see* Herriage, M.J. 18706
GadelRab, S.M., Chamberlain, S.G. An analytical model for a-Si:H transistors based on TFT device characteristics 12942
Gader, P. *see* Jung-Hsien Chiang 15552
Gader, P.D. *see* Hongchi Shi 25339
Gadh, R. *see* Shyamsundar, N. 20785
Gadient, A. *see* Richards, M.A. 41208
Gadioli, E. *see* Bohus, L.S. 59299
Gadioli, E. *see* Rozlosnik, N. 59297
Gadiyak, G.V., Kachurin, G.A., Tyschenko, I.E. Effect of competing trapping centers (sinks) on the evolution of implanted-nitrogen distribution in silicon–numerical simulation 12676
Gadjiev, I.M. *see* Portnoi, E.L. 55641
Gadkari, S., Rose, K. Noisy channel relaxation for VQ design 24658
Gadomski, S. *see* Beringer, J. 37394
Gadomski, S. *see* Weilhammer, P. 37381
Gadomski, W. *see* Hodges, S.E. 33591
Gadonas, R. *see* Baltuska, A. 44649
Gadoum, A., Gosse, B., Gosse, J.P. Aging of impregnated PP films under high ac electric fields 43539
Gadre, D.V. *see* Engineer, S. 57875
Gadre, V.M., Patney, R.K. Using multirate architectures in realizing quadratic Volterra kernels 1579
Gadzhiev, Ch.M., Isaev, M.M., Akhmedov, T.G., Sadykhov, R.A., Mirzoev, T.M. Experimental design in problems involving measurement of the mass of petroleum products in storage tanks 48959
Gadzhiev, C.M. Informativeness of multichannel Kalman filters 17142
Gadzhiev, C.M. Testing the covariance matrix of a renovating sequence under operating control of the Kalman filter 45799
Gadzhiev, I.M. *see* Venus, G.B. 55596
Gaedicke, P., Krabs, R. Prefabricated cold-shrink splice system for MV power cables 28896
Gaedke, K. *see* Hermann, K. 21738
Gaertner, G. *see* Frank, C. 677
Gaertner, G. *see* Mueller, M. 10638
Gaertner, K. *see* Jeynes, C. 12153
Gaertner, K. *see* Wendler, E. 12237
Gaeta, A.L. *see* Kajava, T.T. 55552
Gaeta, R. *see* Ajmone Marsan, M. 35409
Gaetano, L.Di *see* Di Gaetano, L.
Gaethke, R. *see* Behbahani, F. 21542
Gaethke, R. *see* Behbahani, F. 21778
Gaevskaya, O.V. *see* Afanas'ev, A.A. 33615
Gaevski, M.E. *see* Lundin, W.V. 52640
Gaffin, A., Gibbs, M. Intranets 47173
Gaffiot, F., Jacquemod, G., Zaygel, J.P., Le Helley, M. Graduate courses at Ecole Centrale de Lyon on integrated circuits design: actual, program and trends 9885
Gaffke, R. *see* Hebling, C. 39026
Gaffney, L.M., Hulkower, N.D., Klein, L. Non-GEO mobile satellite systems: a risk assessment 16638
Gaffney, M., Reaves, C.M., Smith, R.S., Holmes, A.L., Jr., DenBaars, S.P. Control of III-V epitaxy in a metalorganic chemical vapor deposition process: impact of source flow control on composition and thickness 10777
Gaffney, P.J. *see* Christy, D.H. 18305
Gafney, H.D. *see* Jinquan Dong 2386
Gafni, E. *see* Afek, Y. 35494
Gafsi, R. *see* Michel, L. 17428
Gafurov, Kh.U. *see* Kasymakhunova, A.M. 29646
Gafvert, U., Gubanski, S. Thermally stimulated depolarisation current calculated from isothermal dielectric response functions 32611
Gage, K.S. *see* Chang, J.L. 60051
Gage, P.J., Kroo, I.M. Representation issues for design topological optimization by genetic methods 30541
Gagel, F., Maschke, K. Potential barriers in quantum Hall devices 2731
Gagen, P.F., Pugh, W.E. Hybrid fiber-coax access networks 16430
Gaggero, M. *see* Alotto, P. 44888
Gaggero-Sager, L.M., Perez-Alvarez, R. Electronic states in B δ-doped Si quantum well 2154
Gagliardi, A. *see* Ghislotti, G. 54273
Gagliardi, F. *see* Bacchi, E. 48944
Gagliardi, F. *see* De Angelis, G. 8762
Gagliardi, R.M., Mendez, A.J. Performance improvement with hybrid WDM and CDMA optical communications 6810
Gagliardi, T. *see* Levine, E.R. 50148
Gagliati, G. *see* Bonato, P. 18426
Gaglio, S. *see* Chella, A. 46376
Gaglioti, E. *see* Baratella, P. 28785
Gagnaire, H., Brehm, C. New scattering method for the measurement of optical fibre outer dimension 3392
Gagnaire, H. *see* Abdelghani, A. 27606
Gagnaire, H. *see* Ronot-Trioli, C. 17414
Gagne, D., Quaglia, M., Shina, S.G. Method for paste selection and process optimisation for fine-pitch SMT 11868
Gagne, M. *see* Gosselin, C.M. 25251
Gagne, M.-C. *see* Boulanger, J.-S. 27327
Gagne, P. *see* Arsenault, H.H. 25653
Gagnol, C. *see* Lacour, B. 13932
Gagnon, D., Roberge, F.A. Simulation of triggered secondary repolarization at the junction between normal and depressed cardiac tissue 49732
Gagnon, D. *see* Lamarche, L. 16669
Gagnon, E. *see* Namavar, F. 40417
Gagnon, F. *see* Belzile, J. 16544
Gagnon, G. *see* Ouellet, L. 22611
Gagnon, G. *see* Ouellet, L. 54522
Gagnoulet, C. *see* Sorin, C. 46959
Gahagan, D. *see* Smith, K. 39745
Gahbauer, R.A. *see* Wambersie, A. 49765
Gahinet, P. *see* Becker, G. 50719
Gahl, J. *see* Young, D. 12115
Gahl, J.M., Grabowski, C., Young, D., Ishihara, O. Pulse shortening in a high power backward wave oscillator 1946
Gahl, J.M. *see* Grabowski, C. 12107
Gahl, J.M. *see* Grabowski, C. 54003
Gahm, T. *see* Bartels, P.H. 59539
Gai, N., Axel, L. Characterization of and correction for artifacts in linogram MRI 49467
Gai, W., Conde, M., Cox, G., Konecny, R., Power, J., Schoessow, P., Simpson, J., Barov, N. Performance of the Argonne Wakefield Accelerator facility and initial experimental results 37013
Gai, W., Kanareykin, A.D., Kustov, A.L., Simpson, J. Numerical simulations of intense charged-particle beam propagation in a dielectric wake-field accelerator 59147
Gai Weixin *see* Weixin Gai
Gaiani, E., Ronchini, M.C. Effects of interference diversity on the capacity of the GSM system with the application of frequency hopping 26544
Gaiani, E., Ronchini, M.C. Effects of interference diversity on the capacity of the GSM system with the application of frequency hopping 47807
Gaiani, E. *see* Barberis, S. 6622
Gaiazzi, F. *see* Kenny, R.P. 48640
Gaida, K. ATM hits the desktop 6051
Gaidarev, P.B. *see* Aulchenko, V.M. 37250
Gaidash, V.A. *see* Esin, S.K. 37133
Gaidis, M.C. *see* Karasik, B.S. 32956
Gaidot, A. *see* Aleksan, R. 59201
Gaiduk, P. *see* Nylandsted, L.A. 32109
Gaiduk, P. *see* Schulz, R. 30745
Gaiduk, P.I. *see* Herre, O. 32121
Gaiduk, S. *see* Sheiko, L. 1746
Gaidukov, M. *see* Sherman, V. 23429
Gaier, T., Seiffert, M., Meinhold, P., Lubin, P., Sholley, M., Lai, R., Wang, H., Allen, B., Osgood, B., Block, T., Liu, P.H., Jackson, C., Lawrence, C.R. Noise performance of a cryogenically cooled 94 GHz InP MMIC amplifier and radiometer 41485
Gaiffe, T., Morisse, J., Simonpietri, P., Martin, P., Lefevre, H.C. FOG multiplexing by time shifted phase modulation 27616
Gaiffe, T., Simonpietri, P., Morisse, J., Cerre, N., Taufflieb, E., Lefevre, H.C. Wavelength stabilization of an erbium-doped-fiber source with a fiber Bragg grating for high-accuracy FOG 27632
Gaigerov, B., Koshelyaevsky, N., Pushkin, S., Tatarenkov, V., Yolkin, G. The atomic time scale of Russia 27332
Gaikovich, K.P., Snopik, L.M., Troitsky, A.V. Helicopter radiometer measurements of thin lake ice and oil spills on lakes and soil 38079
Gaillard, F., Brault, P., Brouquet, P. Silicon dioxide chemical vapor deposition using silane and hydrogen peroxide 52812
Gaillard, I., Amaldi, P., Leroux, M. Cognitive engineering approach to the evaluation of human-computer interaction: the case of air traffic control 59996

Gaillard-Grenadier, B. *see* Bezaguet, A. 49013
Gailly, E. *see* Carlier, S. 37690
Gaimard, P. *see* Hubert, D. 60070
Gaindhar, J.L. *see* Barua, P.B. 30352
Gaines, D.P. *see* Kania, D.R. 22664
Gainey, T., Stover, M., Auray, M. Reliability evaluations on a new tape ball grid array (TBGA) 235
Gaing Zwe-Lee *see* Zwe-Lee Gaing
Gainutdinov, I.S. *see* Nesmelov, E.A. 13782
Gair, S. *see* Hredzak, B. 9153
Gair, S. *see* Hredzak, B. 9572
Gair, S. *see* Hredzak, B. 9686
Gair, S. *see* Madlena, M. 9685
Gaiseanu, F., Kruger, D., Stoemenos, J., Dimitriadis, C.A., Postalache, C., Richter, H., Schroter, W., Seibt, M. Doping-restructuration process during phosphorus diffusion in polysilicon layers on silicon 42420
Gaisenu, F., Dimritriadis, C.A., Stoemenos, J., Postolache, C., Angelis, C. Structural modifications of the thick polysilicon layers on silicon during phosphorus diffusion: contributing mechanisms 42409
Gaiser, H. *see* Badura, E. 37241
Gaitan, M. Microheating elements in CMOS technology 2825
Gaitan, M. MEMS in standard CMOS VLSI technology 32593
Gaitan, M. *see* Johnson, R.B. 36655
Gaitan, M. *see* Milanovic, V. 12871
Gaitan, M. *see* Milanovic, V. 53686
Gaiti, D., Boukhatem, N. Cooperative congestion control schemes in ATM networks 5763
Gaitonde, D.D., Maly, W., Walker, D.M.H. Fault probability prediction for array based designs 32535
Gaitskell, R.J., Barnes, P.D., Jr., DaSilva, A., Sadoulet, B., Shutt, T. The statistics of background rejection in direct detection experiments for dark matter 37468
Gaitskell, R.J. *see* Shutt, T. 37472
Gaizauskas, E., Feller, K.-H., Valkunas, L. Manifestation of the transition from the excited state by means of femtosecond four-wave mixing spectroscopy 3996
Gaizauskas, E. *see* Siruktkaitis, V. 44410
Gaj, J.A., Kossacki, P., Khoi, N.T. CdTe/(Cd,Mn)Te: a model system for interface characterization by spin tracing 22368
Gaj, J.A. *see* Nguyen The Khoi 12433
Gajda, J. Optimization of the algorithms of instantaneous phase shift estimation 56584
Gajewski, A. *see* Ptasinski, L. 20772
Gajewski, J.B. Monitoring electrostatic flow noise for mass flow and mean velocity measurement in pneumatic transport 17869
Gajewski, J.B. Electrostatic, inductive ring probe bandwidth 24376
Gajewski, J.B. *see* Kacprzyk, R. 36489
Gajic, Z., Boka, J. Kalman filtering error due to inaccuracy in filter's initial condition 56447
Gajjar, N. *see* Wong, J.C.F. 37928
Gajowy, T. *see* Gellert, B. 50920
Gajski, D.D. Methodology is the future 52136
Gajski, D.D. *see* Chang, E.-S. 31053
Gajski, D.D. *see* Hsiao-Ping Juan 11090
Gajski, D.D. *see* Youn-Sik Hong 41177
Gajski, D.D. *see* Zhu, J.-W. 41120
Gal, I. *see* Bojtor, L. 60556
Gal, L., Hajdu, I., Pinkola, J., Toth, E. Buried vias in multilayer printed wiring boards 31600
Gal, M. *see* Li, G. 22519
Gal, M. *see* Tan, H.H. 12513
Gal, M. *see* Yuan, S. 42136
Gal, R., van Genuchten, M. Release the embedded software: the electronics industry in transition 116
Gal, T. *see* Zornig, P. 482
Galambos, L., Erdei, S., Tanaka, I., Hesselink, L., Cross, L.E., Feigelson, R.S., Ainger, F.W., Kojima, H. Inhomogeneities and segregation behavior in strontium-barium niobate fibers grown by laser-heated pedestal growth technique. Pt. I 3393
Galambos, L. *see* Erdei, S. 3394
Galambos, L. *see* Erdei, S. 23479
Galan, F. *see* Pariente, F. 7443
Galan, J. *see* Kastrup, J. 42173
Galan, L. *see* Najmi, O. 54898
Galand, M. *see* Carpenter, D.L. 45140
Galanin, M.P., Plekhanov, A.V., Popov, Yu.P., Khramtsovskii, S.S. Effect of the parameters of a conducting outer shell on the acceleration of bodies in an electrodynamic accelerator 4216
Galanin, M.P., Popov, Yu.P., Khramtsovsky, S.S., Plekhanov, A.V. The use of currents induced within a conducting shield for railgun performance control 33895
Galantowicz, J.F. *see* Judge, J. 8513
Galanulis, K. *see* Ritter, R. 7611
Galarneau, P. *see* Levesque, M. 55771
Galarneau, P. *see* Morin, M. 55770
Galarneau, P. *see* Snell, K.J. 48654
Galassi, G.M. *see* Bovalini, R. 38579
Galasso, F.S., Fenner, D.B., Lynds, L., Rossman, C.E., Potrepka, D.M., Budnick, J.I., Carreiro, L.G. An assessment of synthesis effects on the high-T_c superconducting transition: with application to thin-film bolometer devices 43748
Galateanu, A. *see* Valeanu, M. 3151
Galateanu, L., Stoica, M., Bozdog, C., Popa, E., Stoica, A.D. Stress and strain in automotive diodes–a RVT, IR and XR study 42936
Galati, G., Naldi, M., Ferri, M. Reconstruction of the spatial distribution of radar reflectivity of precipitation through linear-inversion techniques 16835
Galatsanos, N. *see* Milisavjevic, M. 37770
Galatsanos, N.P. *see* Mesarovic, V.Z. 35345
Galatsanos, N.P. *see* Mungi Choi 25391
Galazka, P. *see* Wolinski, T.R. 37962
Galazka, R.R. *see* Le Van Khoi 12344
Galbato, A. *see* d'Alessandro, A. 7507
Galbato, A. *see* Maltese, P. 48772
Galbiati, N., Grilli, E., Guzzi, M., Brusaferri, L., Pavesi, L., Henini, M. Photoluminescence investigation of Si as p-type dopant in AlGaAs grown by molecular beam epitaxy on high-index planes 12275
Galbiati, N., Pavesi, L., Grilli, E., Guzzi, M., Henini, M. Be doping of (311)A and (100) $Al_{0.24}Ga_{0.76}As$ grown by molecular beam epitaxy 22518
Galbiati, P. *see* Contiero, C. 43346
Galbiati, P. *see* Pieracci, A. 43027
Galbreath, J. Multimedia communications: an update on standards 58010
Galchenko, G. *see* Galchenko, N. 45317
Galchenko, N., Galchenko, G., Skarlupina, A. The matrix theory of non uniform waveguide structures excitation 45317
Galdetskii, A.V. Vacuum microwave microelectronic devices with a finite transit angle 53952
Galdi, C. *see* Di Bisceglie, M. 6932
Galdi, V., Pierro, V., Pinto, I.M. Cut-off frequency and dominant eigenfunction computation in complex dielectric geometries via Donsker-Kac formula and Monte Carlo method 45287
Galdikas, A., Mironas, A., Senuliene, D., Setkus, A. CO-gas-induced resistance switching in SnO_2/ultrathin Pt sandwich structure 7477
Galdikas, A. *see* Battistoni, C. 7472
Galdikas, A. *see* Battistoni, C. 58899
Galdikas, A. *see* Kaciulis, S. 12292
Galdikas, A. *see* Knizikevicius, R. 32204
Galdin, S. *see* Dollfus, P. 2664
Galdin, S. *see* Sicard, E. 9878
Galdoz, E.G., Fontanini, H.R., Tapia, E.R. Integrating information in a real-time data visualization system on nuclear power plant 29006
Galdrikian, B. *see* Unterrainer, K. 2199
Gale, D., Jain, A., Marsh, A., Wieler, R. Microelectronics design–the CMC environment for research and training in embedded systems 11133
Gale, D.C. *see* Fleurov, V.B. 24215
Gale, D.J. *see* Tait, R.N. 13188
Gale, F.C.T. *see* Hoeher, P. 47841
Gale, G.W. *see* Ouimet, G. 32223
Gale, I. *see* Hartley, R.H. 10740
Gale, M.T., Pedersen, J., Schutz, H., Povel, H., Gandorfer, A., Steiner, P., Bernasconi, P.N. Active alignment of replicated microlens arrays on a charge-coupled device imager 58847
Gale, P. *see* Sneddom, M. 50598
Galeazzi, F. *see* Annis, P. 59237
Galecki, S. Multiphase sine-shaper circuit 21539
Galegev, M.M. *see* Agishev, R.R. 50047
Gales, M.J.F., Woodland, P.C. Mean and variance adaptation within the MLLR framework 24864
Gales, M.J.F. *see* Woodland, P.C. 15126
Galeyev, M.M. *see* Agishev, R.R. 8524
Galeyev, M.M. *see* Agishev, R.R. 38048
Gali, A. *see* Tarnay, K. 54676
Galiana, F. *see* Marceau, R.J. 38211
Galiana, F.D., Almeida, K., Toussaint, M., Griffin, J., Atanackovic, D., Ooi, B.T., McGillis, D.T. Assessment and control of the impact of FACTS devices on power system performance 19275
Galiano, E. *see* Carabe, J. 17350
Galica, J.P. *see* Holley, W.H., Jr. 39166
Galickas, A. *see* Kavaliauskas, J. 42118
Galicki, M. *see* Moller, U. 15543
Galik, R.S. Luminosity upgrade for CESR 27985
Galileo, M. *see* Ferraresso, A. 29497
Galimberti, G., Pellegrin, D. Integrated control of electrical energy distribution in industrial and tertiary frame 8874
Galimov, R.Kh. *see* Aleksandrov, A.V. 49205
Galin, E.N. Radio equipment for manned spacecraft 49876
Galindo, A. *see* Sanchez, J. 26753
Galindo, H. *see* Matcano, G. 2312
Galindo, J. *see* Navarrete, B. 38609
Galindo Gonzalez, A. *see* Sanchez Garcia, J. 16706
Galinec, D., Dekeyser, J.-L., Marque, P. Mixed synchronous-asynchronous approach for real-time image processing: a MPEG-like coder 57107
Galiotis, C. *see* Arjyal, B. 17420
Galipeau, D.W. *see* Story, P.R. 58874
Galipeau, D.W. *see* Vetelino, K.A. 17294
Galipeau, D.W. *see* Vetelino, K.A. 27481
Galipeau, J.D., LeGore, L.J., Snow, K., Caron, J.J., Vetelino, J.F., Andle, J.C. The integration of a chemiresistive film overlay with a surface acoustic wave microsensor 27735
Galipeau, J.D. *see* LeGore, L.J. 27736
Galis, A., Gantenbein, D., Covaci, S., Bianza, C., Karayannis, F., Mykoniatis, G. Towards multi-domain integrated network management for ATM and SDH networks 46927
Galisson, A. *see* Ehrlich, J. 17225
Galitsyn, Yu.G. *see* Sakhno, V.I. 21296
Galkin, A. *see* Kleperis, J. 9499
Galkin, A. *see* Pust, L. 43764
Galkin, A.F. *see* Abramov, D.V. 13564
Galkin, A.F. *see* Klimovskii, I.I. 30188
Galko, P. *see* Atieh, A.K. 13618
Galko, P. *see* Atieh, A.K. 16515
Galkowski, K. *see* Rogers, E. 40753
Gall, K., Desrosiers, M., Bensen, D., Serago, C. Alanine EPR dosimeter response in proton therapy beams 28475
Gall, K. *see* Douglas, R.M. 59764
Gall, M., Jawarani, D., Kawasaki, H. Characterization of electromigration failures using a novel test structure 42757
Gall, P.Le *see* Le Gall, P.
Gallager, R.G. *see* Chiu, A.L. 57660
Gallager, R.G. *see* Savari, S.A. 34598
Gallagher, A. *see* Laracuente, A. 10875
Gallagher, A.C. *see* Saeta, P.N. 44212
Gallagher, B.B. *see* Park, Y.D. 49587
Gallagher, B.L. *see* Ponomarev, Y.V. 22390
Gallagher, D., Richards, J., Scafuri, F., Armstrong High power peniotron development at Northrop Grumman 12102
Gallagher, D.L. *see* Greenwald, R.A. 38062
Gallagher, H. *see* Nicholls, J.F.H. 10805
Gallagher, H. *see* Tofts, P.S. 59494
Gallagher, H.M. *see* Allison, W.W.M. 37269
Gallagher, J.M. *see* Lawrence, J.D. 60489
Gallagher, M. The XK8 engine management system and electronic engine control module 29847
Gallagher, M., Ebel, C., Fournier, J., Weeks, T., MacDougall, G., Knotts, T., Chung Lam, Peterson, K. Control schemes using emission endpoint in a borderless oxide contact etch process 32228
Gallagher, N.C. *see* Haq, T.U. 21876
Gallagher, N.C. *see* Lau, D.L. 56925
Gallagher, P.K. Low cost imaging solutions for quality control 30345
Gallagher, W.J. *see* Rishton, S.A. 43606
Gallagher, W.J. *see* Sun, J.Z. 3260
Gallagher, W.L., Swartzlander, E.E., Jr. Fault tolerant Newton-Raphson dividers using time shared TMR 31249
Gallais, P. *see* Cesarsky, C.J. 36548
Gallant, D.J., Tilton, M.L., Bossert, D.J., Barrie, J.D., Dente, G.C. Optimized single-layer antireflection coatings for semiconductor lasers 33540
Gallant, P.J., Morin, E.L., Peppard, L.E. Improving myoelectric signal classifier generalization by preprocessing with exploratory projections 8068
Gallard, R.H. *see* Esquivel, S.C. 57893
Gallardo, J. *see* Fernow, R.C. 7737
Gallardo, J. *see* Palmer, R. 49067
Gallardo, J. *see* Palmer, R.B. 7742
Gallardo, J. *see* Trbojevic, D. 18008
Gallardo, J. *see* van Steenbergen, A. 49031
Gallardo, J.C., Palmer, R.B. Final focus system for a muon collider: a test model 17974
Gallardo, J.C. *see* Fernow, R.C. 7739
Gallardo, J.C. *see* Fernow, R.C. 7740
Gallardo, J.C. *see* Fernow, R.C. 17931
Gallardo, J.C. *see* Garren, A. 17972
Gallardo, J.C. *see* Palmer, R.B. 7736
Gallardo, J.C. *see* Palmer, R.B. 17924
Gallardo, J.C. *see* Palmer, R.B. 17966
Gallardo, M. *see* Sobral, H. 13951
Gallassi, G. *see* Di Concetto, M. 58000
Gallatin, G. *see* Drazkiewicz, S. 2480
Gallatin, G. *see* Williamson, D. 2544
Gallay, R. *see* Carlen, M.W. 41546
Gallazzi, M.C. *see* Anchisini, R. 27482
Gallazzi, M.C. *see* Anchisini, R. 58720
Galleano, R. *see* Fernicola, V.C. 36637
Gallego, C.J., Grunenfelder, R. Testing and measurement problems in ATM networks 5738
Gallego, J. TMN service testing (Eurescom P201) 35613
Gallego, J.D. *see* Munoz, S. 53580
Gallego, R.A., Alves, A.B., Monticelli, A., Romero, R. Parallel simulated annealing applied to long term transmission network expansion planning 50471
Gallegoes, R. *see* Hendricks, K. 11231
Gallegos-Lopez, G. *see* Montero-Hernandez, O. 52939
Gallen, B., Sutterfield, L. Network security points of failure 5964
Gallen, T. *see* Zipp, J. 28937
Galler, M. *see* De Mori, R. 15004
Galler, M. *see* Junqua, J.-C. 46976
Gallerano, G.P. *see* Panicker, J. 3913
Gallersdorfer, R., Klabunde, K. Performance of relational database management systems in intelligent networks and mobility environments 26288
Galles, M. Spider: a high-speed network interconnect 35687
Gallet, B. *see* Rey, J.M. 49267
Galletti, E., Stucchi, E., Willetts, D.V., Harris, M.R. Transverse-mode selection in apertured super-Gaussian resonators: An experimental and numerical investigation for a pulsed CO_2 Doppler lidar transmitter 48127
Galli, A. *see* Di Nallo, C. 11657
Galli, A.W. *see* Heydt, G.T. 50336
Galli, G. *see* de Monte, F. 29655
Galli, S., Stefanoni, M. Development of a solar-hydrogen cycle in Italy 60597
Galli, S. *see* Baccarelli, E. 34608
Galli, S. *see* Mandarini, P. 6436

Gallian, J.A. Error detection methods 14786
Galliano, J.A. *see* Lovberg, J.A. 58845
Gallie, P.R. Forty years of operation of Calder Hall 19464
Galligan, K. *see* Kuhlen, H. 6699
Gallimore, A.D. *see* Gilchrist, B.E. 38023
Gallin-Martel, L., Pouxe, J., Rossetto, O. A BiCMOS integrated charge to amplitude converter 59330
Gallinari, P. *see* Garcia-Salicetti, S. 15559
Gallinari, P. *see* Garcia-Salicetti, S. 25755
Gallinari, P. *see* Garcia-Salicetti, S. 57121
Gallinari, P. *see* Leray, P. 16179
Gallinari, P. *see* Leray, P. 57761
Gallion, P., Jeremie, F., Vey, J.-L. Classical optical corpuscular theory of semiconductor laser intensity squeezed-light generation 44448
Gallion, P. *see* Jeremie, F. 44470
Gallion, P. *see* Landais, P. 26746
Gallion, P. *see* Nuyts, R.J. 26788
Gallion, P. *see* Nuyts, R.J. 47974
Gallion, P. *see* Nuyts, R.J. 47975
Galliou, S. *see* Besson, R.J. 31128
Gallivan, K.A., Marsolf, B.A., Wijshoff, H.A.G. Solving large nonsymmetric sparse linear systems using MCSPARSE 10486
Gallivan, K.A. *see* Xiaoge Wang 40172
Gallo, A., Boni, R., Ghigo, A., Marcellini, F., Serio, M., Zobov, M. A waveguide overloaded cavity as longitudinal kicker for the DAΦNE bunch-by-bunch feedback system 49251
Gallo, A. *see* Zobov, M. 49224
Gallo, N.J.H. *see* Frejlich, J. 59028
Gallo, R.M., Jacobson, J.B. The Integrated Performance Assessment Process (a perspective on performance) 38560
Gallo, R.M., Norkin, D.P. Licensee self-assessments related to team inspections [nuclear plants] 38536
Gallo, T. *see* Deutsch, A. 43289
Gallo, T.A. *see* Clevenger, L.A. 42748
Gallo, W.L.Ribeiro *see* Ribeiro Gallo, W.L.
Gallois, B. *see* Tompa, G.S. 10888
Gallone, G., Lucardesi, P., Martinelli, M., Rolla, P.A. A fast and precise method for the measurement of dielectric permittivity at microwave frequencies 36843
Gallop, J.C., Langham, C.D., Abbas, F. Dielectric loaded HTS resonators as frequency standards and low phase noise oscillators 21879
Gallop, J.C., Langham, C.D., Abbas, F. Dielectric loaded HTS resonators as frequency standards and low phase noise oscillators 21893
Gallop, J.C. *see* Cowie, A. 13513
Gallop, J.C. *see* Langham, C.D. 23278
Gallop, J.C. *see* Langham, C.D. 27225
Galloppa, A. *see* d'Alessandro, A. 7507
Galloppa, A. *see* Maltese, P. 48772
Galloway, J.E., Miles, B.M. Moisture absorption and desorption predictions for plastic ball grid array packages 272
Galloway, J.H., Rocjco, S., Bykowski, M. Control system modernization of older SCR electrochemical rectifiers 51900
Galloway, J.L. Sea ice characterization with a correlation sonar 50117
Galloway, K.F. *see* Allenspach, M. 8240
Galloway, K.F. *see* Allenspach, M. 22866
Galloway, K.F. *see* Dusseau, L. 42981
Galloway, K.F. *see* Johnson, G.H. 22867
Galloway, K.F. *see* Titus, J.L. 22868
Galloway, K.F. *see* Witczak, S.C. 22792
Galloway, K.F. *see* Witczak, S.C. 22842
Galloway, N. *see* Wharton, A.D. 48492
Galloway, R.B., Hong, D.G., Napier, H.J. A substantially improved green-light-emitting diode system for luminescence stimulation [in quartz dating] 49992
Galloway, R.L. *see* Klaesner, J.W. 49468
Galluccio, A., Sassano, A. The rank facets of the stable set polytope for claw-free graphs 21066
Galluccio, F. Numerical simulations of head-tail instabilities in the HERA proton ring 17955
Gallup, D.L. Combination flash-bottoming cycle geothermal power generation: a case history 29123
Gallup, D.R. *see* Andraka, C.E. 29653
Gallus, A. *see* Stohlker, Th. 7727
Galluzzo, A. *see* Musumeci, S. 43109
Gallwitz, F. *see* Eckert, W. 14969
Galnander, B. *see* Skytt, P. 37580
Galo, M., Tozzi, C.L. Surface reconstruction using multiple light sources and perspective projection 57237
Galperin, Y. *see* Bo, O.L. 32042
Galperin, Y. *see* Totland, H. 54225
Galstjan, E. Flashover on a dielectric surface irradiated by EM wave 23112
Galstjan, E. Influence of EM-field inhomogeneity on the initial stage of MW electron avalanche on a dielectric surface in vacuum 23113
Galstjan, E. Simulation of flashover generated by strong TEM-wave in MITL with inner coaxial, dielectric insert 28889
Galstjan, E., Kazanskiy, L. Power electron beam front shortening in magnetically insulated transmission line by using pulse high voltage dielectric flashover 28890
Galstjan, E.A., Kazanskiy, L.N., Khomenko, A.I., Babkin, A.L., Chelpanov, V.I., Kornilov, V.G., Selemir, V.D., Zhdanov, V.S. Study of electromagnetic shock wave in modified MITL 53978
Galstyan, T. *see* Frauel, Y. 23618
Galstyan, T. *see* Vinh Phuc Pham 43904
Galstyan, T.V. *see* Granger, A. 24083
Galtarossa, A., Curioni, P. Theoretical analysis of step-index birefringent single-mode fibers 3374
Galtarossa, A., Someda, C.G., Tommasini, A., Schrefler, B.A., Zavarise, G., Schiano, M. Stress distribution in optical-fiber ribbons 33035
Galtier, F. *see* Besson, O. 16975
Galtier, P. *see* Mathet, V. 10703
Galtier, P. *see* Sussiau, M. 43654
Galton, I., Jensen, H.T. Oversampling parallel delta-sigma modulator A/D conversion 21759
Galton, I., Towne, D.A., Rosenberg, J.J., Jensen, H.T. Clock distribution using coupled oscillators 1550
Galton, I. *see* Jensen, H.T. 1159
Galushkin, M. *see* Afanas'ev, L. 14296
Galushkin, M. *see* Afanasev, L. 33362
Galushkin, M.G., Golubev, V.S., Zavalov, Yu.N., Zavalov, V.E., Panchenko, V.Ya. Optical inhomogeneities of the active media of high-power industrial CO_2 lasers with fast axial flow 55489
Galushkin, M.G. *see* Afanasiev, L.A. 4056
Galushko, V.G. *see* Yampolski, Y.M. 56053
Galuska, S. *see* Erenshteyn, R. 59820
Galvan, E., Quero, J.M., Franquelo, L.G. Dual mode optimal time control of DC motors using neural networks 60790
Galvan, E., Torralba, A., Franquelo, L.G. ASIC implementation of a digital tachometer with high precision in a wide speed range 20109
Galvan, E. *see* Barrero, F. 51001
Galvanauskas, A. Femtosecond watt-level fiber amplification circuits 55542
Galvanauskas, A., Arbore, M.A., Fejer, M.M., Fermann, M.E., Harter, D. Fiber-laser-based femtosecond parametric generator in bulk periodically poled $LiNbO_3$ 24254
Galvanauskas, A., Fernmann, M.E., Harter, D., Minelly, J.D., Vienne, G.G., Caplen, J.E. Broad-area diode-pumped 1 W femtosecond fiber system 33406
Galvanauskas, A., Harter, D., Radic, S., Agrawal, G.P. High-energy femtosecond pulse compression in chirped fiber gratings 33025
Galvanauskas, A. *see* Arbore, M.A. 24245
Galvanauskas, A. *see* Taverner, D. 33407
Galvez-Estrada, R. *see* Capellmann, C. 6299
Galvin, R., Coates, R.F.W., Wang, L.S., Stoner, R. Measured channel sounding characteristics and their relationship with the performance of a parametric communication system 48029
Galvin, R., Coats, R.E.W. A stochastic underwater acoustic channel model 48027
Galwas, B.A., Palczewski, S., Pienkowski, Z. A dual six-port with homodyne phase-sensitive detectors as new option of microwave network analyzer 27430
Galwas, B.A., Piorowski, J.K., Skulski, J. New type of microwave resonator sensors with waveguide below cut-off 17346
Galy, Ph., Berland, V. The ideal NPN vertical BIMOS transistor: analytical model, simulation and experimental results of the collector current 13053
Galyautdinov, M. *see* Fattakhov, Y. 42362
Galzerani, J.C. *see* Pusep, Y.A. 42127
Gam, K.S. A stable microcomputer-controlled heat pipe furnace and test of new noble metal thermocouples 17244
Gam Kee Sool *see* Kee Sool Gam
Gama, S. *see* Aliaga-Guerra, D. 3074
Gama, S. *see* Coelho, A.A. 30706
Gama, S. *see* De Morais, E. 7532
Gama de Abreu, M., Quintel, M., Albrecht, M. Reliability of the partial CO_2 rebreathing technique for measurement of cardiac output 7862
Gamache, C., Descamps, D., Husson, D., Seznec, S., Migus, A. Amplification of broadband chirped pulses up to the 100 mJ level using alexandrite-pumped neodymium-doped glasses 33448
Gamache, R. *see* Short, R. 47161
Gamage, S.K. *see* Perera, A.G.U. 48530
Gamage, S.K. *see* Yuan, H.X. 48509
Gamal, G.A. New technique for crystal growth and phase transition in $TlInS_2$ crystals 40296
Gamalski, J. *see* Albrecht, H.-J. 20930
Gamalski, J. *see* Hauck, T. 20892
Gamarnik, D. *see* Bertsimas, D. 403
Gamaz, N. *see* Panchanathan, S. 15920
Gamba, P., Marazzi, A., Mecocci, A., Savazzi, P. A completely fuzzy classification chain for multispectral remote sensing images 8555
Gamba, P., Mecocci, A., Salvatore, U. Vanishing point detection by a voting scheme 57235
Gamba, P. *see* Costamagna, E. 6572
Gamba, P. *see* Costamagna, E. 34141
Gambaccini, M., Taibi, A., Del Guerra, A., Marziani, M., Tuffanelli, A. MTF evaluation of a phosphor-coated CCD for X-ray imaging 18330
Gambaccini, M. *see* Bertolucci, E. 37628
Gambacorti, N. *see* Bocchi, C. 2319
Gambardella, U. *see* Barone, A. 3277
Gambardella, U. *see* Cappuccio, G. 40438
Gambardella, U. *see* Grimaldi, G. 23422
Gambaro, M. *see* Schenone, A. 4918
Gamberger, D., Lavrac, N., Dzeroski, S. Noise elimination in inductive concept learning: a case study in medical diagnosis 24759
Gamberger, D. *see* Lavrac, N. 21097
Gambhir, B.L., Wallace, R.G., Affens, D.W., Bellantoni, J.E. Improved COSPAS-SARSAT locating with geostationary satellite data 6954
Gambi, E. *see* Cancellieri, G. 24078
Gambi, E. *see* Chiaraluce, F. 3511
Gambi, M. *see* Cacopardi, S. 5807
Gambi, M.C. *see* Grazia Giri, M. 23231
Gambier, A., Unbehauen, H. Adaptive multivariable state-space receding horizon control of a turbo-generator pilot plant 50941
Gambini, P., Giaffreda, R., Macchi, M. Fast DBR wavelength switching with no thermal drifts by injection locking 26440
Gambini, P. *see* Masetti, F. 26444
Gambini, P. *see* Timofeev, F.N. 48022
Gambino, J.P., Jaso, M.A., Levine, E.N. The effect of contact implants on the patterning of tungsten damascene interconnects 42680
Gambino, J.P. *see* Colgan, E.G. 22434
Gamble, B., Snitchler, G., Manlief, M., Connor, B., Schwall, R.E. Coil and HTS development for fault current limiters 60438
Gamble, B. *see* Leung, E.M.W. 60439
Gamble, B.B. *see* Voccio, J.P. 60721
Gamble, H.S. *see* Goh, W.L. 54743
Gamble, H.S. *see* Quinn, L.J. 10917
Gamble, K.J., Weeks, A.R. A computer simulation of a multiple aperture coherent laser radar 6981
Gambotto, J.-P. *see* Canu, D. 57305
Gamec, J., Turan, J. Use of invertible rapid transform in motion analysis 25657
Gameiro, A. Differential detection of precoded MSK modulation in Rician channels 34560
Gamelin, J. *see* Jackel, J.L. 3496
Gamero, L.G., Risk, M., Sobh, J.F., Ramirez, A.J., Saul, J.P. Heart rate variability analysis using wavelet transform 37783
Games, E., Shrivastava, U., Liao, J.C. Package switching noise evaluation using boundary scan circuitry 1437
Gamidov, R., Cetintas, M., Sadikhov, E., Sautenkov, V. Diode lasers with external optical feedback for small displacement measurements 27890
Gamidov, R., Taskin, I., Sautenkov, V. Shift of diode laser frequency which locked to cesium D_2 line by the FM or ZM stabilization technique 44514
Gamiz, F., Lopez-Villanueva, J.A., Roldan, J.B., Carceller, J.E. Influence of the doping profile on electron mobility in a MOSFET 2635
Gamiz, F. *see* Godoy, A. 54661
Gamiz, F. *see* Roldan, J.B. 43002
Gamiz, F. *see* Roldan, J.B. 54137
Gamiz, F. *see* Roldan, J.B. 54655
Gamlen, C. *see* Fuller, R. 21386
Gamm, A.Z. *see* Voropai, N.I. 50407
Gamm, S., Haeb-Umbach, R., Langmann, D. Findings with the design of a command-based speech interface for a voice mail system 46985
Gamm, S. *see* Langmann, D. 34683
Gammage, R.B. *see* Espinosa, G. 7825
Gammaitoni, L., Marchesoni, F., Menichella Saetta, E., Santucci, S. Stochastic resonance: a residence time approach 25048
Gammaitoni, L. *see* Apostolico, F. 40757
Gammel, P.L. *see* Cava, R.J. 43422
Gammell, P.M. *see* Harris, G.R. 8576
Gammell, P.M. *see* Harris, G.R. 28689
Gammino, S., Ciavola, G., Harkewicz, R., Harrison, K., Srivastava, A., Briand, P. Effects of frequency and magnetic field scaling on the superconducting electron cyclotron resonance ion source at MSU-NSCL 7776
Gammino, S. *see* Calabretta, L. 49145
Gammino, S. *see* Ciavola, G. 49152
Gammino, S. *see* Ciavola, G. 49283
Gammino, S. *see* Ciavola, G. 49289
Gammon, A. Secondary mathematics: the current situation 52058
Gammoudi, M. *see* Bouazizi, A. 27461
Gamo, H., Kanemaru, S., Itoh, J. Fabrication of field emitter arrays with hydrogenated amorphous silicon on glass 31695
Gamo, K. Recent advances of focused ion beam technology 41963
Gamo, K. *see* Herfort, J. 12471
Gamo, K. *see* Wakaya, F. 12658
Gamo, K. *see* Wakaya, F. 42201
Gamo, K. *see* Yanagisawa, J. 10821
Gamo, K. *see* Yanagisawa, J. 22538
Gamo, K. *see* Yanagisawa, J. 30891
Gamo, T. *see* Hatoh, K. 61070
Gamota, D. *see* Prack, E. 30272
Gamota, D.R., Melton, C.M. Advanced encapsulant materials systems for flip-chip-on-board assemblies. I. Encapsulant materials with improved manufacturing properties. II. Materials to integrate the reflow and underfilling processes 30258
Gampell, D., McJimsey, M., Hidai, T., Sullivan, P. An isolated A/D converter for drive systems 61234
Gampenrieder, R., Hausler, M., Povh, D. Load flow control in power supply networks--vision and real possibilities 38323
Gan, D. *see* Barette, J. 59207
Gan, E. *see* Bergmann, H.W. 14493

Gan, H. *see* Chen, J. 37903
Gan, H. *see* Jin, J.M. 18326
Gan, J.-Y. *see* Cheng, C.-C. 22644
Gan, J.-Y. *see* Yan, Y.-S. 22645
Gan, K.K., Daubenmier, C.M., Kagan, H., Kass, R. Study of helium-based drift chamber gases 37410
Gan, K.K. *see* Bauer, C. 37326
Gan, K.K. *see* Bauer, C. 37378
Gan, K.K. *see* Kagan, H. 37508
Gan, K.K. *see* Shipsey, I. 59232
Gan, K.K. *see* Spencer, M.B. 59274
Gan, Q., Rao, R.A., Eom, C.B. Control of the growth and domain structure of epitaxial $SrRuO_3$ thin films by vicinal (001) $SrTiO_3$ substrates 40447
Gan, Q., Subramanian, R., Sundararajan, N., Saratchandran, P. Design for centres of RBF neural networks for fast time-varying channel equalisation 15215
Gan, Z.Z. *see* Zhang, G.Y. 52678
Gan Fuxi *see* Men Liqiu 43897
Gan Fuxi *see* Fuxi Gan
Gan Hong *see* Hong Gan
Gan Jianhua *see* Jianhua Gan
Gan Junren *see* Junren Gan
Gan Xuewen, Walton, A.J. The application of combining RSM experiment design and simulation to the optimisation of a buried channel PMOS device 32419
Gan Yanpu *see* Wang Zhishan 32882
Gan Zhijun *see* Zhijun Gan
Ganachaud, A., Wunsch, C., Myung-Chan Kim, Tapley, B. Combination of TOPEX/POSEIDON data with a hydrographic inversion for determination of the oceanic general circulation and its relation to geoid accuracy 50036
Ganansia, F. *see* Bouthemy, P. 57012
Ganapathy, V. Steam generator specifications 29070
Ganascia, J.-G. *see* Grolimund, S. 46185
Ganatra, R. Terminating aluminum cable at motors 38721
Ganau, P. *see* Blair, D.G. 33204
Ganchev, M. *see* Stratieva, N. 42016
Ganchev, S. *see* Qaddoumi, N. 40714
Ganchev, S.I. *see* Huber, C. 52873
Gand, M., Scholz, M., Franz, R. Interactive multimedia – services, success factors and end-to-end network solutions 47357
Gandais, M. *see* Ricolleau, C. 12316
Gandel, Y., Morozova, N. Mathematical models of diffraction and radiation problems for planar waveguide with impedance flange 45311
Gandelli, A. *see* Bellan, D. 11524
Gandelli, A. *see* Bellan, D. 53377
Gandelli, A. *see* Brandolini, A. 58687
Gander, W. *see* Sourlier, D. 52307
Gandhi, J.M. *see* Salem, A.M. 4355
Gandhi, M.B. *see* Setlur, A.R. 15135
Gandhi, O. *see* Pandit, V. 18563
Gandhi, O.P., Ding Wu, Jin-Yuan Chen, Conover, D.L. Induced current and SAR distributions for a worker model exposed to an RF dielectric heater under simulated workplace conditions 49824
Gandhi, O.P. *see* Furse, C.M. 37900
Gandhi, O.P. *see* Lazzi, G. 37911
Gandhi, O.P. *see* Lazzi, G. 45040
Gandhi, O.P. *see* Lazzi, G. 56033
Gandhi, P. *see* Todd, M.G. 53782
Gandhi, P.P. Data quantization effects in CFAR signal detection 6914
Gandhi, P.P. Wavelet sampling of continuous-time signals 34880
Gandhi, S. *see* Lucovsky, G. 881
Gandhi, T.L., Devadiga, S., Kasturi, R., Camps, O.I. Detection of obstacles on runway using ego-motion compensation and tracking of significant features 28550
Gandia, J.J. *see* Carabe, J. 17350
Gandia, J.J. *see* Gonzalez, N. 51579
Gandilyan, S.V., Gandilyan, V.V., Gandilyan, U.V. Transient processes in compatible dual-conjugate dynamic systems [electric machine EM fields] 29216
Gandilyan, U.V. *see* Gandilyan, S.V. 29216
Gandilyan, V.V. *see* Gandilyan, S.V. 29216
Gandini, A. *see* Aurenty, P. 48374
Gandolfi, E. *see* Boschetti, F. 53512
Gandolfi, E. *see* Masetti, M. 54785
Gandorfer, A. *see* Gale, M.T. 58847
Gandy, D.W. *see* Viswanathan, V. 38595
Gandy, S.N. Managing "risky" projects 20741
Gane, C.R. *see* Chen, K. 60505
Ganeev, R.A., Ganikhanov, F.S., Kamalov, Sh.R., Redkorechev, V.I., Usmanov, T. Highly efficient neodymium glass and YAG picosecond pulse amplifiers 23828
Ganeev, R.A., Ganikhanov, F.S., Redkorechev, V.I., Usmanov, T. Investigation of the parameters of a high-power picosecond feedback controlled chirp pulsed amplified Nd:glass laser with injection seeding 14041
Ganeev, R.A., Usmanov, T. Influence of the group-velocity mismatch in frequency conversion of picosecond pulses 4006
Ganeev, R.A., Usmanov, T. Generation of picosecond radiation continuously tunable in the range 113.5-117.0 nm 4007
Ganel, O. *see* Akchurin, N. 37257
Ganem, J. *see* Shaw, L.B. 3777
Ganem, J.-J. *see* Baumvol, I.J.R. 10735
Ganem, J.-J. *see* Baumvol, I.J.R. 42597
Ganem, J.-J. *see* Stedile, F.C. 12567
Ganesan, G.S., Lewis, G.L., Berg, H.M. Contact angles as a measure of interfacial integrity: Theory and experiments 30284
Ganesan, K. *see* Smith, S.M. 38093
Ganesan, P.Gopal *see* Gopal Ganesan, P.
Ganesan, R. *see* Zhang, S. 9161
Ganesh, B.M. *see* Kumar, S. 53447
Ganesh, C. *see* Liu, Y.M. 58808
Ganesh, M. A general convergence theory for nonlinear equations with application to integro-differential equations 30654
Ganesh, S., Chamarti, S., Misra, D. Design and simulation of a micromechanical sensor for detection of charging damage during plasma etching 54475
Gang Bai, Chien Chiang, Cox, N., Sychyi Fang, Gardner, D.S., Mack, A., Marieb, T., Xiao-Chun Mu, Ochoa, V., Villasol, R., Jick Yu Copper interconnection deposition techniques and integration 2437
Gang Chen *see* Chen Gang
Gang Ding *see* Ding Gang
Gang Feng *see* Chu Kwong Chak 51033
Gang Feng *see* Feng Gang
Gang Gao Qi *see* Qi Gang Gao
Gang He, Atwater, H.A. A model for ion-assisted molecular beam epitaxy and application to synthesis of epitaxial Sn_xGe_{1-x} alloy films 722
Gang Huang *see* Huang Gang
Gang Jiao *see* Jiao Gang
Gang Kang *see* Kang Gang
Gang Li *see* Li Gang
Gang Liu, Shunshi Zhong Theory and experiment of rectangular microstrip antennas with dielectric cover 14714
Gang Liu *see* Liu Gang
Gang Liu Jin *see* Jin Gang Liu
Gang Mu *see* Mu Gang
Gang Niu *see* Niu Gang
Gang Rong *see* Hui Peng 25332
Gang Rong *see* Rong Gang
Gang Wang *see* Wang Gang
Gang Wu *see* Taira, K. 47771
Gang Xiao *see* Sun, J.Z. 3260
Gang Xu, Tsuji, S. Correspondence and segmentation of multiple rigid motions via epipolar geometry 5073
Gang Xu *see* Hua Yu 5110
Gang Yu *see* Yu Gang
Gang Yuan *see* Yang Cao 54901
Gangadharan, K. *see* Panajkar, M.S. 32960
Gangal, A., Kayikcioglu, T., Atasoy, A., Ozer, M. Improvement of video signal-to-noise ratio with adaptive recursive filtering 5182
Gangal, S.A. *see* Ansari, S.G. 48738
Gangaram, V. *see* Chakradhar, S.T. 53184
Gangbing Song, Mukherjee, R. Integrated adaptive robust control of active magnetic bearings 24385
Ganghi, P. Fine-line applications of Ormet transient liquid phase sintered conductive ink 11916
Gangolf, J.J. *see* Lamel, L.F. 45681
Gangopadhyay, R. *see* Majumder, S.P. 36094
Gangopadhyay, S., Sarkar, S.N. Laser diode to single-mode fibre excitation via hyperbolic lens on the fibre tip: formulation of ABCD matrix and efficiency computation 3384
Gangopadhyay, S., Sarkar, S.N. LP_{11} cutoff frequency calculation using Chebyshev technique in dispersion-shifted and dispersion-flattened fibres 55214
Gangopadhyay, S. *see* Chen, Q. 58757
Gangopadhyay, S. *see* Eyler, E.E. 23772
Gangopadhyay, S. *see* Holtz, M. 22233
Gangopadhyay, S. *see* Lim, B.W. 48557
Gangopadhyay, S. *see* Mao, S. 13433
Gangopadhyay, T.K., Roy, S.N., Roy, C.K., Bhattacharya, P.K. Development of metal oxide varistor element for power systems 8968
Ganguly, A.K. *see* Choi, J.J. 1940
Ganguly, A.K. *see* Choi, J.J. 12098
Ganguly, A.K. *see* Das, A.K. 48910
Ganguly, G., Ikeda, T., Nishimiya, T., Saitoh, K., Kondo, M., Matsuda, A. Hydrogenated microcrystalline silicon germanium: a bottom cell material for amorphous silicon-based tandem solar cells 29630
Ganguly, G., Matsuda, A. As grown and light soaked defect densities in a-Si:H with sharp band tails 31875
Ganguly, G. *see* Ikeda, T. 31874
Ganguly, N., Abadir, M., Pandey, M. PowerPC(TM) array verification methodology using formal techniques 36431
Gangyi Jiang *see* Jiang Gangyi
Ganichev, S.D., Shul'man, A.Ya., Mordovets, N.A., Kotel'nikov, I.N., Prettl, W. Response of tunnel Schottky-barrier junctions to radiation pressure of FIR laser radiation 12532
Ganiere, J.-D. *see* Bonard, J.-M. 54167
Ganiere, J.-D. *see* Heun, S. 22318
Ganiere, J.-D. *see* Pellegrini, V. 2577
Ganikhanov, F.S. *see* Ganeev, R.A. 14041
Ganikhanov, F.S. *see* Ganeev, R.A. 23828
Ganikhanov Feruz *see* Feruz Ganikhanov
Ganitzer, P. *see* Oswald, J. 12486
Ganitzer, P. *see* Oswald, J. 54211
Ganji, A.A., Lataire, P. Rotor time constant compensation of an induction motor in indirect vector controlled drives 51699
Ganley, J.L., Salowe, J.S. Optimal and approximate bottleneck Steiner trees 10308
Ganley, M.D., Dawson, J.F., McQuilton, D. Benchmarking CAE tools for EMC 31051
Ganne, J.P. *see* Lebourgeois, R. 23343
Ganni, V. *see* Arenius, D. 37000
Ganni, V. *see* Chronis, W.C. 37001
Gannon, B. *see* Huff, J. 5915
Ganos, P.A., Koukias, M.N., Kokkinakis, G.K. ATM switch with multimedia traffic priority control 16051
Ganos, P.A., Koukias, M.N., Kokkinakis, G.K., Kotsopoulos, S.A. A novel dynamic priority scheduling method for multiple classes of ATM traffic in an ATM statistical multiplexer 5727
Ganot, F. *see* Niedoba, H. 43670
Ganser, S., Herzinger, S. Silicon LNA/mixer ICs for use up to 3 GHz 41491
Ganser, T., Scherer, M., Loffeld, O. Realization of a multi-sensor data-fusion-algorithm for a spark ignition engine control 39338
Ganser, T. *see* Scherer, M. 39337
Gansler, T., Hansson, M., Ivarsson, C.-J., Salomonsson, G. A double-talk detector based on coherence 6009
Gansman, J.A., Fitz, M.P., Krogmeier, J.V. Frame synchronization for PSAM on Rayleigh fading channels 6654
Gansman, J.A., Zoltowski, M.D., Krogmeier, J.V. Multidimensional multirate DOA estimation in beamspace 4639
Gansman, J.A. *see* Fitz, N.P. 6584
Ganster, H., Gelautz, M., Pinz, A., Binder, M., Pehamberger, H., Bammer, M., Krocza, J. Initial results of automated melanoma recognition 18203
Ganster, H. *see* Pinz, A. 25276
Ganster, H. *see* Prantl, M. 5656
Ganster, H. *see* Prantl, M. 35133
Gant, E.P. *see* Wexler, A. 34120
Gantenbein, D. *see* Galis, A. 46927
Ganter, M.A. *see* Mustafa, A.A.Y. 5284
Gantet, P., De Lagrevol, R., Danet, B., De La Barre, F., Guiraud, R. Simulation study of the influence of collimator defects on the uniformity of scintigraphic images 49572
Gantet, P., Martinez, S., Ouhayoun, E., Esquerre, J.P., Danet, B., De La Barre, F., Guiraud, R. A method for the measurement of SPECT uniformity 37618
Ganz, A., Krishna, C.M., Tang, D., Haas, Z.J. On optimal design of multitier wireless cellular systems 36029
Ganz, A. *see* Awduche, D.O. 47788
Ganz, A. *see* Tafertshofer, P. 41081
Ganz, J. Factoring polynomials using binary representations of finite fields 21138
Ganz, J. *see* Freudenberger, R. 11989
Ganzherli, N.M. *see* Denisyuk, Y.N. 24276
Ganzherli, N.M. *see* Denisyuk, Yu.N. 4125
Ganzhinov, I.S., Sapozhnikov, V.A., Tutaev, V.A. Development and experimental investigation of new seals for cryoalternators 50930
Ganzhinov, I.S., Tutaev, V.A. Thermally stressed elements of cryoalternators: development and investigations 50928
Ganzhur, S. *see* Arisaka, K. 37239
Ganzhur, S. *see* Arisaka, K. 37460
Ganzhur, S. *see* Aulchenko, V.M. 37243
Ganzhur, S. *see* Buzykaev, A. 37237
Ganzhur, S. *see* Buzykaev, A. 37240
Gao, C., Meditch, J.S. Two-layer video coding and priority statistical multiplexing over ATM networks 5033
Gao, C. *see* Eppich, B. 55774
Gao, F. Soft modems: algorithms for a V.34 modem 26403
Gao, G., Garcia, A., Dawson, F., Nindra, B. Experience in partial discharge measurements of high voltage stator coils/bars at factory 60675
Gao, H. *see* Ozkan, C.S. 54328
Gao, J. Analytical formulae and the scaling laws for the loss factors and the wakefields in disk-loaded periodic structures 17964
Gao, J., Heeger, A.J., Lee, J.Y., Kim, C.Y. Soluble polypyrrole as the transparent anode in polymer light-emitting diodes 33302
Gao, J. *see* Reymann, D. 58609
Gao, J. *see* Zhu, S. 42305
Gao, J.R., van de Stadt, H., Jegers, J.B.M., Kovtonyuk, S., Hulshoff, W., Whyborn, N.D., Klapwijk, T.M., de Graauw, Th. Low noise Nb-SIS mixers at far above the gap frequency 53614
Gao, L. *see* Nakayama, J. 56357
Gao, L. *see* Parker, K.J. 18187
Gao, L.J., Ma, P., Anderson, G.W., Norton, P.R., Lu, Z.H., Graham, M.J. Composition and magnetic properties of Ni-Fe thin films electrodeposited on InP(100) and Si(111) surfaces 32796
Gao, Q. *see* Blumenthal, D.J. 26725
Gao, Q.G. A qualitative geometry method for curve form recognition 57439
Gao, R.X., Fang, J., Rao, B., Warrington, R.O. Miniaturized surface-driven electrostatic actuators: design and performance evaluation 43390
Gao, R.X. *see* Beebe, D.J. 28058
Gao, S. *see* Wang, A. 28442
Gao, S. *see* Wang, A. 28686

Gao, S. *see* Wang, A. 34645
Gao, W. *see* Wu, R. 23571
Gao, Y., Kim, Y.J., Thevuthasan, S., Chambers, S.A., Lubitz, P. Growth, structure, and magnetic properties of γ-Fe_2O_3 epitaxial films on MgO 40402
Gao, Y., Myrtle, K., Meijie Zhang, Reimers, J.N., Dahn, J.R. Valence band of $LiNi_xMn_{2-x4}$ and its effects on the voltage profiles of $LiNi_xMn_{2-x}O_4$/Li electrochemical cells 29596
Gao, Y. *see* DeWitt, J. 59243
Gao, Y. *see* Douay, M. 55261
Gao, Y. *see* Sadrozinski, H.F.W. 37399
Gao, Y. *see* Shipsey, I. 59232
Gao, Y. *see* Spencer, M.B. 59274
Gao, Y. *see* Wu, Z. 36187
Gao, Y. *see* Xie, W.X. 24284
Gao, Y. *see* Zhao, C.Z. 3438
Gao, Y.J. *see* Wu, J.K. 5015
Gao, Y.Q. *see* He, X.D. 44813
Gao, Z. *see* Chen, F. 24731
Gao, Z. *see* Jiang, X. 15783
Gao, Z. *see* Qiu, Z.Y. 984
Gao, Z. *see* Wang, J. 38040
Gao, Z. *see* Wei, W. 15782
Gao Baoxin, Gong Ke, Sun Yingxin, Jiang Guanhui Millimeterwave monolithic integrated mixer 53679
Gao Baoxin, Zhao Jinsong, Zhang Naiqian, Liu Runsheng Simulation software for microwave integrated circuits and interconnections: Tsinghua microwave SPICE 1735
Gao Baoxin *see* Yu Tiejun 13524
Gao Benqing *see* Song Shuxian 14696
Gao Chun-Xiao, Zhang Tie-Chen, Zou Guang-Tian, Jin Zeng-Sun, Yang Jie Epitaxial growth of high quality diamond film on the cubic boron nitride surface by chemical vapor deposition 40310
Gao Cuizhu, Han Li Hua Low pass low noise filter CAD 53396
Gao Deyuan *see* Ma Wanliang 53734
Gao Deyuan *see* Wang Ling 53144
Gao Deyuan *see* Zhang Shengbin 57845
Gao Dingsan *see* Ma Dongge 23703
Gao Dingsan *see* Dingsan Gao
Gao Dongfa *see* Gu Haoshuang 3318
Gao Feng, Qin Yihang Synthetic optimum design of fuzzy controller using fuzzy neuron network. I. Fuzzy PSS 38283
Gao Feng, Qin Yihong, Xu Guoyu An approach for variable structure excitation control based on fuzzy logic 19114
Gao Feng *see* Gao Yingjun 12832
Gao Guizhuo *see* Han Lilua 53682
Gao Guoan *see* Dong Sheqin 15654
Gao Guoan *see* Wang Gang 47009
Gao Hang, Chen Songcan Associative memories implemented with sparse RAM 53283
Gao Hong, Dou Shuo-Xing, Zhang Jia-sen, Ye Pei-Xian, Wang Xue-Song, Zhang Bao-Wen, He Guang-Qian, Cao Yi A new photorefractive polymer with fast response 44633
Gao Hong-Ye *see* Hong-Ye Gao
Gao Hongkai *see* Sun Changyin 12065
Gao Hongkai *see* Zhang Shuming 12074
Gao Houlei, Jiang Shifang, He Jiali Sampling synchronization methods in digital current differential protection [of power systems] 28933
Gao Huajian *see* Huajian Gao
Gao Huimin *see* Ren Guoquan 24305
Gao Jianjun, Liang Chunguang 2.5 Gb/s PIN-HEMT optical receiver noise accurate simulation 16814
Gao Jin-Yue *see* Jin-Yue Gao
Gao Jingde *see* Zhou Xuesong 8823
Gao Jinyuan *see* Qiu Xiaohong 60176
Gao Juncheng The NIM Alanine-ESR dosimetric system for industrial radiation processing 28467
Gao Juncheng, Wang Zaiyong The extension of the range of NIM alanine/ESR dosimetric system to therapy level 28474
Gao Li *see* Lin Ruisen 39431
Gao Luomin *see* Luomin Gao
Gao Meifang *see* Li Yao 1276
Gao Mingyuan, Xi Zhang, Yang Bai, Li Feng, Shen Jiacong Assembly of modified CdS particles/cationic polymer based on electrostatic interactions 31828
Gao Qi Gang *see* Qi Gang Gao
Gao Qian *see* Sun Changqing 36785
Gao Qing *see* Chen Ping 39882
Gao Qinxiang, Zhang Jinhua The realization of a high reliable local area network [substation automation] 19915
Gao Shangrui *see* Zeng Jiyong 44815
Gao Shengquan *see* Shengquan Gao
Gao Shibin, He Weijun, Chen Xiaochuan Problems and countermeasures for feeder protection and fault location of heavy-duty electric traction system 51757
Gao Webin *see* Huang Dading 30803
Gao Wei *see* Wei Gao
Gao Weijian *see* Weijian Gao
Gao Wenqi *see* Ji Xianming 33221
Gao Wenqi *see* Zhou Jin 44161
Gao Xiang-Hong *see* Xiang-Hong Gao
Gao Xianwen *see* Xianwen Gao
Gao Xin *see* Xin Gao
Gao Xin-Cheng *see* Xin-Cheng Gao
Gao Xiqi *see* Xiqi Gao
Gao Xiquan *see* Ding Yumei 15919
Gao Xiquan *see* Ding Yumei 31390
Gao Xuebang, Jiang Jingqi An efficiently absolute convergence approach for microwave nonlinear steady-state CAD 53571
Gao Yang *see* Yang Gao
Gao Yihua *see* Bao Ximao 42403
Gao Yingjun, Liu Desen, Yan Guo'an, Yao Shengli, Gao Feng Fabrication of high quality photoresist microlens array 12832
Gao Yizhi *see* Lou Caiyun 3724
Gao Yougang *see* Yougang Gao
Gao Zhentong *see* Lu Zixing 52852
Gao Zhentong *see* Sun Yuanxiang 52853
Gao Zhentong *see* Xiong Junjiang 52911
Gao Zhi *see* Peng Xiang 27954
Gao Zhidong *see* Wei Bingqing 4169
Gao Zhiqing *see* Zhiqing Gao
Gao Zhiyuan, Qin Qing, Zhang Chuang Study of bunch lengthening at BEPC 59173
Gaofeng Wang Application of wavelets on the interval to the analysis of thin-wire antennas and scatterers 56131
Gaofeng Wang, Bing-Zhong Wang, Jiechang Hou An example of the wavelet impedance matrix with O(N) nonzero elements 40243
Gaofeng Wang, Jiechang Hou Analysis of thin-wire antennas and scatterers using orthogonal intervallic wavelets 33933
Gaofeng Wang *see* Bing-Zhong Wang 11658
Gaofeng Wang *see* Bing-Zhong Wang 14622
Gaofeng Wang *see* Minqing Zhong 22102
Gaoting Chen *see* Chen Gaoting
Gaoxi Xiao *see* Xiao Gaoxi
Gapchu Choi *see* Jaiwan Cho 46021
Gaponenko, I.A. *see* Achasov, M.N. 37251
Gaponenko, S.V. Quasi-zero-dimensional semiconductor structures: optical nonlinearities and hole-burning effects 24135
Gaponenko, S.V. *see* Germanenko, I.N. 14505
Gaponov, S.S. *see* Lesnoi, M.A. 178
Gapontsev, D.V. *see* Chernikov, S.V. 33418
Gapontsev, V.P., Fomin, V.V., Samartsev, I.E., Unt, A. 25 kW peak power, wide tunable-repetition-rate and pulse duration eye-safe MOPFA laser 13997
Gapontsev, V.P. *see* Chernikov, S.V. 13998
Gapontsev, V.P. *see* Chernikov, S.V. 33418
Gapontsev, V.P. *see* Chernikov, S.V. 55520
Gappisch, H. *see* Schreyer, O. 25979
Gaquire, C., Bonte, B., Piotrowicz, S., Bourcier, E., Crosnier, Y. Analysis of extrinsic element influence on the power performances of HEMT's in the Ka-band 53594
Garabal, J. *see* Duan, G.-H. 5793
Garand, L. *see* Deblonde, G. 60042
Garandel, R. Network experimentation with Q3 interface 35719
Garate, E. *see* Zhai Xiaoling 22184
Garavaglia, M. *see* Acciarri, M. 31951
Garawal, N. *see* Mailis, S. 24301
Garay, J.A., Gopal, I.S., Kutten, S., Mansour, Y., Yung, M. Efficient on-line call control algorithms 46922
Garb, K., Kastner, R. Characteristic impedance of a rectangular double-ridged TEM line 53516
Garbagnati, E. *see* Pigini, A. 8923
Garbar, N. *see* Simoen, E. 42992
Garbar, N.P. *see* Lukyanchikova, N.B. 55428
Garbarino, M. *see* Steffenino, G. 8185
Garbatos, C. *see* Bouclier, R. 37262
Garbe, H. *see* Kebel, R. 14628
Garber, F.W. *see* Walter, J. 59341
Garber, N.J. *see* Eisele, J.S. 9985
Garber, V. *see* Ariel, V. 41978
Garbini, J.L. *see* Dougherty, W.M. 27449
Garbini, J.L. *see* Downs, R.A. 36898
Garbini, J.L. *see* Sanders, J.E. 49394
Garbo, D.L., Olson, E.M., Coker, C.F., Crow, D.R. Real-time three dimensional infrared scene generation utilizing commercially available hardware 28512
Garboushian, V., Roubideaux, D., Yoon, S., Gunn, J.A. An evaluation of integrated high-concentration photovoltaics for large-scale grid connected applications 39184
Garboushian, V., Turner, G., Yoon, S., Vendura, G.J., Jr. Development of back junction point contact photovoltaic cells and arrays for space 37991
Garboushian, V. *see* Yoon, S. 37996
Garbowicz, G.D., Jug, B.R. Hybrid ballasts III–life test results and system performance data 39402
Garbulsky, G.D., Marino, P., Pignotti, A. Numerical model of induction heating of steel-tube ends 39427
Garbuzov, D., Kim, D.-S., Forrest, S.R., Menna, R., Lange, M., Olsen, G.H., Cohen, M. Efficient 2.0-2.6 μm wavelength photoluminescence from narrow bandgap InAsP/InGaAs double heterostructures grown on InP substrates 12350
Garbuzov, D. *see* Xu, L. 55693
Garbuzov, D.Z., Abeles, J.H., Morris, N.A., Harvey, M.G., Connolly, J.C. 4 Watt, high efficient, 0.81-μm SQW GRIN-SCH AlGaAs/GaAs laser diodes with broadened waveguide 3847
Garbuzov, D.Z. *see* Gu, G. 55435
Garbuzov, D.Z. *see* Mawst, L.J. 44565
Garces Chavez, V., Cudney, R.S., Zgonik, M., Gunter, P., Fousek, J., Garrett, M.H., Rytz, D. Analysis of domain structure in $BaTiO_3$ by second-harmonic generation 14332
Garces-Chavez, V. *see* Cudney, R.S. 55851
Garces-Guevara, S. *see* Moreno-Diaz, R. 388
Garche, J., Jorissen, L. Different electrochemical ways to store and generate electrical energy 9471
Garche, J. *see* Doring, H. 9481
Garche, J. *see* Jorissen, L. 9492
Garche, J. *see* Jossen, A. 9514
Garchery, L. *see* Zanier, S. 12335
Garcia, A. *see* Castro, M. 9915
Garcia, A. *see* Gao, G. 60675
Garcia, A. *see* Prieur, E. 12562
Garcia, A. *see* Rodriguez, M. 3070
Garcia, A. *see* Ronot-Limousin, I. 44229
Garcia, A.R. *see* Wiechmann, E.P. 60931
Garcia, B. *see* Caurant, D. 38944
Garcia, B. *see* Meier, M.M. 28610
Garcia, C., Prieto, A.C., Jimenez, J., Siegel, J., Solis, J., Afonso, C.N., Chafai, M. Raman spectroscopy study of pulsed laser induced structural transformations in amorphous Ge films 12183
Garcia, C. *see* Ollero, S. 51294
Garcia, C. *see* Siegel, J. 2069
Garcia, C. *see* Vernat-Rossi, V. 48708
Garcia, C.Lopez *see* Lopez Garcia, C.
Garcia, D.L. The failure of telecom reform 26001
Garcia, D.L. Networked commerce: public policy issues in a deregulated communication environment 52065
Garcia, E. *see* Duong, K. 29355
Garcia, E. *see* Lamela, H. 48876
Garcia, E. *see* Main, J.A. 32769
Garcia, E. *see* Newton, D. 3008
Garcia, E. *see* Pinder, R. 38624
Garcia, E.V. *see* Faber, T.L. 18398
Garcia, E.V. *see* Faber, T.L. 37738
Garcia, F. *see* Shadaram, M. 36775
Garcia, F.M., Lourtie, I.M.G. A wavelet transform frequency classifier for stochastic transient signals 25194
Garcia, G. *see* Piehler, D. 36343
Garcia, G.A. *see* De Morais, E. 7532
Garcia, G.A. *see* Deng, F. 13004
Garcia, I. *see* Gonzalo, C. 56452
Garcia, I. *see* Gutierrez, A. 30914
Garcia, J., Dorsch, R.G., Lohmann, A.W., Ferreira, C., Zalevsky, Z. Flexible optical implementation of fractional Fourier transform processors. Applications to correlation and filtering 15841
Garcia, J., Michell, J.A. HaarCos: an image transform 15445
Garcia, J., Olmos, S., Moody, G.B., Mark, R.G., Laguna, P. Adaptive estimation of Karhunen-Loeve series applied to the study of ischemic ECG records 37813
Garcia, J., Zalevsky, Z., Mendlovic, D. Two-dimensional wavelet transform by wavelength multiplexing 15758
Garcia, J. *see* Deutsch, M. 15757
Garcia, J. *see* Friebele, E.J. 17439
Garcia, J. *see* Maestre, R.A. 15842
Garcia, J. *see* Mendlovic, D. 15583
Garcia, J. *see* Olmos, S. 37814
Garcia, J. *see* Schmidt, K.H. 42196
Garcia, J. *see* Shabtay, G. 46181
Garcia, J. *see* Szu, H. 59561
Garcia, J. *see* Zalevsky, Z. 46010
Garcia, J.A. *see* Garcia-Silvente, M. 5374
Garcia, J.A. *see* Garcia-Silvente, M. 56910
Garcia, J.A. *see* Tejedor, M. 3071
Garcia, J.C., Cordier, Y. Chemical beam epitaxy of GaAs/GaInAs(P)/GaInP heterostructure lasers 10718
Garcia, J.C. *see* Ortion, J.M. 54425
Garcia, J.C. *see* Ortion, J.R. 22599
Garcia, J.C. *see* Tesch, B.J. 21766
Garcia, J.J. *see* Villadangos, J.M. 21681
Garcia, J.L., Lopez, A., Lazaro, F.J., Martinez, C., Corma, A. Iron oxide particles in large pore zeolites 3170
Garcia, J.L. *see* Herrera, A. 58240
Garcia, J.L. *see* Ruiz, J.L. 11435
Garcia, J.R., Martinez, A. The energy factor in induction heating systems 51855
Garcia, J.R. *see* Fernandez, S.F. 3422
Garcia, J.Sanchez *see* Sanchez Garcia, J.
Garcia, K. Optical engineering for display systems 58913
Garcia, L., Szu, H. Projection features using the discrete and continuous wavelet transform 57549
Garcia, L. *see* Charles, A. 42815
Garcia, L.E. *see* Alonso, J.I. 26612
Garcia, M. *see* Carreira, J.M. 37712
Garcia, M. *see* de Salvador, L. 36231
Garcia, M.A., Basanez, L. Fast extraction of surface primitives from range images 5624
Garcia, M.J. *see* Mor-Avi, V. 37732
Garcia, M.S. *see* Gomez Briceno, D. 9072
Garcia, O., Barrado, A., Cezon, J., Cobos, J.A., Olias, E. PCB based transformers for multiple output DC/DC converters 1127
Garcia, O. *see* Barrado, A. 9349
Garcia, O. *see* Cobos, J.A. 9345
Garcia, O. *see* Cobos, J.A. 40914
Garcia, O. *see* Cobos, J.A. 40919
Garcia, O. *see* Sebastian, J. 9348
Garcia, O.N. *see* Moore, F.W. 8247
Garcia, R., Liu, R., Lee, V. Optimal design for natural convection-cooled rectifiers 51325

Garcia, R. *see* Kidd, P. 30786
Garcia, R. *see* Laiz, H. 27346
Garcia, R. *see* Romero, M.J. 31996
Garcia, R. *see* Utzmeier, T. 733
Garcia, S. *see* Fiordalice, R. 2434
Garcia, S.G., Hung-Bao, T.M., Martin, R.G., Olmedo, B.G. On the application of finite methods in time domain to anisotropic dielectric waveguides 14690
Garcia, S.Marti i *see* Marti i Garcia, S.
Garcia, T. *see* Ponce, L. 2057
Garcia, T.R. Communication signal analysis using MATLAB 20583
Garcia, V. *see* Matcano, G. 2312
Garcia, V.G., Gonzalez, O., Alvarez, F., Vazquez, E., Alvarez-Campana, M. A synchronous and asynchronous mode algorithm in an industrial LAN based distributed communication system 6125
Garcia Adanez, X., Verscheure, O., Hubaux, J.-P. New network and ATM adaptation layers for real-time multimedia applications: A performance study based on psychophysics 16426
Garcia de Vicuna, L., Maixe, J., Majo, J. The use of the duality principle in the conception and analysis of resonant DC-DC converters 51350
Garcia del Muro, M. *see* Batlle, X. 3162
Garcia Gil, R., Dede Garcia Santamaria, E.J., Sanchis Kilders, E., Maset Sancho, E. The modelling of magnetic cores for operation at high frequencies 13462
Garcia Gil, R., Sanchis Kilders, E., Ramirez Munoz, D., Espi Huerta, J.M. A push-pull invertor with resonant parallel-parallel tank 11175
Garcia Nava, J.F., Walls, F.L., Shirley, J.H., Lee, W.D., Delgado Aramburo, M.C. Environmental effects in frequency synthesizers for passive frequency standards 17187
Garcia Nava, J.F. *see* Ferre-Pikal, E.S. 13374
Garcia Nava, J.F. *see* Ferre-Pikal, E.S. 23267
Garcia Nocetti, D.F., Solano Gonzalez, J., Martinet Flores, J., Ramos Hernandez, D. Heterogeneous parallel architecture for improving signal processing performance in Doppler blood flow instrumentation 4737
Garcia Orellana, C.J. *see* Macias Macias, M. 21433
Garcia Poza, M.M., Hernandez Velez, M., Jimenez, J., Gomez-Aleixandre, C., Sanchez Olias, J., Blanco Montes, A., Albella, J.M. Characterization of bias enhanced MWCVD diamond thin films 10868
Garcia Santamaria, E.J.Dede *see* Dede Garcia Santamaria, E.J.
Garcia-Abia, P. *see* Adam, A. 37280
Garcia-Alvarado, F. *see* Arroyo y de Dompablo, M.E. 51459
Garcia-Arribas, A. *see* Tejedor, M. 3057
Garcia-Belmonte, G., Perez, J.M., Fernandez-Marron, J.L., Bisquert, J. Digital implementation of filters for nuclear applications using the discrete wavelet transform 37559
Garcia-Bermejo, J.G., Pernas, F.J.D., Coronndo, J.L. An approach for determining bidirectional reflectance parameters from range and brightness data 56721
Garcia-Cabrera, L., Garcia-Salinas, M.J., Luque-Escamilla, P.L., Martinez-Aroza, J., Gomez Lopera, J.F., Roman-Roldan, R. Median-type filters with model-based preselection masks 1612
Garcia-Castillo, L.E., Grajal de la Fuente, J., Gentili, G.G., Alonso Montes, J.I. Receiving stacked patch array antenna for satellite mobile communications in L-band 4394
Garcia-Castillo, L.E. *see* Gentili, G.G. 45454
Garcia-Chamizo, J.M., Satorre Cuerda, R., Ibarra Pico, F., Cuenca Asensi, S. Selecting the best significant fragment to the incremental heteroassociative neural network (RHI) 25732
Garcia-Chamizo, J.M. *see* Ibarra-Pico, F. 25733
Garcia-Colevatti, J. *see* Singh, V.K. 40562
Garcia-Colon H., V.R. Correlation between surface degradation and PD wave shape evolution for spherical voids 43568
Garcia-Deza, C., Martinez-Salamero, L., Poveda, A., Guinjoan, F., Font, J. General purpose PWM nonlinear controller for bidirectional switching converters 51166
Garcia-Garcia, C. *see* Allison, W.W.M. 37269
Garcia-Garcia, J., Oriols, X., Martin, F., Sune, J. Comparison between the relaxation time approximation and the Boltzmann collision operator for simulation of dissipative electron transport in resonant tunnelling diodes 22754
Garcia-Gracia, M., Letosa, J., Artacho, J.M., Fornies-Marquina, J.M. A time domain method for determining the relaxation time spectra 44879
Garcia-Gracia, M. *see* Fornies-Marquina, J.M. 45069
Garcia-Hernandez, J., Zhang, J. Monitoring, evaluation and notification of QoS in ATM networks 35582
Garcia-Landa, B., Skolozdra, R., Fruchart, D., Gignoux, D., Soubeyroux, J.L. Magnetic and structural properties of new interstitial $RCo_9Si_2C_x$ compounds (R=Y, Nd, Sm) 3053
Garcia-Landa, B., Tomey, E., Fruchart, D., Gignoux, D., Skolozdra, R. Magnetic properties of $RFe_{10.5}Mo_{1.5}$ single crystals (R=Dy, Er) 3030
Garcia-Leon, M. *see* Bolivar, J.P. 37367
Garcia-Lopez, C.M. *see* Ramos, J.I. 40140
Garcia-Luna, J.J. *see* Mantey, P.E. 20502
Garcia-Luna-Aceves, J.J., Shree Murthy A path-finding algorithm for loop-free routing 35529
Garcia-Luna-Aceves, J.J., Yuxia Zhang Reliable broadcasting in dynamic network 5864
Garcia-Luna-Aceves, J.J. *see* Dommel, H.-P. 46741
Garcia-Luna-Aceves, J.J. *see* Dommel, H.-P. 47242
Garcia-Luna-Aceves, J.J. *see* Levine, B.N. 57659
Garcia-Luna-Aceves, J.J. *see* Muir, A. 46738
Garcia-Luna-Aceves, J.J. *see* Murthy, S. 6475
Garcia-Luna-Aceves, J.J. *see* Parsa, M. 46737
Garcia-Luna-Aceves, J.J. *see* Parsa, M. 47192
Garcia-Luna-Aceves, J.J. *see* Parsa, M. 57615
Garcia-Luna-Aceves, J.J. *see* Wittenbrink, C.M. 6201
Garcia-Marquez, J., Malacara-Hernandez, D. Holographic analogy of the spatial radial carrier analysis of interferograms 33756
Garcia-Mazario, M., Lancha, A.M., Hernandez, M., Maffiotte, C. Effect of lead on Inconel 600 and Incoloy 800 oxide layers formed in simulated steam generator secondary environments 29032
Garcia-Moreno, I. *see* Calderon, O.G. 23760
Garcia-Moreno, I. *see* Costela, A. 55848
Garcia-Munoz, J.L. *see* Seffar, A. 3145
Garcia-Ojalvo, J. *see* Williams, Q.L. 44383
Garcia-Ortiz, A. Tactical situation management using semantic control 38156
Garcia-Otero, E. *see* Crumbly, I. 20610
Garcia-Otero, S. *see* Crumbly, I. 20610
Garcia-Perez, A. Behaviour of sign test and one sample median test against changes in the model 423
Garcia-Pino, A. *see* Sierra, M.P. 56217
Garcia-Quirino, G.S., Iturbe-Castillo, M.D., Vysloukh, V.A., Sanchez-Mondragon, J.J., Stepanov, S.I., Lugo-Martinez, G., Torres-Cisneros, G.E. Observation of interaction forces between one-dimensional spatial solitons in photorefractive crystals 33678
Garcia-Ramirez, R., Sundhararajan, S. The effect of cable oil diffusion on the electrical conductivity of EPDM compounds 32739
Garcia-Rocha, M., Lopez-Luna, E., de Melo, O., Hernandez-Calderon, I., Sitter, H., Andreev, A.Yu. Optical and structural properties of ZnSe/GaAs interfaces 52707
Garcia-Salicetti, S., Dorizzi, B., Gallinari, P., Wimmer, Z. Adaptive discrimination in an HMM-based neural predictive system for on-line word recognition 15559
Garcia-Salicetti, S., Dorizzi, B., Gallinari, P., Wimmer, Z. Discriminative training of a neural predictive system for online word recognition 57121
Garcia-Salicetti, S., Gallinari, P., Dorizzi, B., Wimmer, Z., Gentric, S. From characters to words: dynamical segmentation and predictive neural networks 25755
Garcia-Salinas, M.J. *see* Garcia-Cabrera, L. 1612
Garcia-Santamaria, E.J.Dede *see* Dede Garcia-Santamaria, E.J.
Garcia-Sciveres, M. *see* Antos, J. 37373
Garcia-Sciveres, M. *see* Hoffman, K.D. 7796
Garcia-Silvente, M., Fdez-Valdivia, J., Garcia, J.A. A multi-channel-based approach for extracting significant scales on gray-level images 5374
Garcia-Silvente, M., Garcia, J.A., Fdez-Valdivia, J. The novel scale-spectrum space for representing gray-level shape 56910
Garcia-Tenorio, R. *see* Bolivar, J.P. 37367
Garcia-Valenzuela, A., Collin, R.E. The local spectral expansion method for scattering from perfectly conducting surfaces rough in one dimension 33972
Garcia-Vidal, F.J. *see* Wijnands, F. 56063
Garcia-Villares, J.L., Blasco-Alberto, J.A., Martin-Del-Brio, B., Ramirez-Rosado, I.J., Barquillas-Pueyo, J., Dominguez-Navarro, J.A., Medrano-Marques, N. Short-term electric power load-forecasting using artificial neural networks. II. Multilayer perceptron networks for hourly electric-demand forecasting 38270
Garcia-Villares, J.L. *see* Martin-Del-Brio, B. 38269
Garcia-Weidner, A. *see* Khomenko, A.V. 33617
Garcon, I. *see* Pons, M. 10630
Garconnet, J.-P. *see* Delage, O. 35328
Garcus, D., Gogolla, T., Krebber, K., Schliep, F. Brillouin optical-fiber frequency-domain analysis for distributed temperature and strain measurements 58775
Garczynski, J. *see* Dwilinski, R. 10619
Garda, P. *see* Prevost, D. 3671
Garde, A., Alderman, J., Lane, W. Improving the drift and hysteresis of the Si_3N_4 pH response using RTP techniques 48471
Garde, A. *see* Desmond, D. 27460
Gardell, D.L. Temperature control during high-power wafer test 32488
Gardelle, J., Labrouche, J., Marchese, G., Rullier, J.L., Villate, D., Donohue, J.T. Analysis of the beam bunching produced by a free electron laser 7717
Gardener, J.E. *see* Jing Deng 28089
Gardes, J. *see* Aboubacar, A. 41758
Gardes, J.-L. *see* Van Dyke, P. 50607
Gardey, K.-U., Bortfeld, T., Schlegel, W., Rhein, B. A fast algorithm for the dose calculation of irregularly shaped fields in stereotactic convergent beam irradiation 59849
Gardic, F. *see* Musseau, O. 22994
Gardin, I. *see* Vera, P. 37674
Gardiner, A.I., Johnson, S.A., Schempp, E. Operation of power electronic converters at cryogenic temperatures for utility energy conditioning applications 19881
Gardiner, C.K., Plumb, R.G.S., Williams, P.J., Reid, T.J. Spectral dynamics of widely tunable four-section sampled grating DBR lasers 26721
Gardiner, J.G. *see* Abumahlula, M.A. 35957
Gardiner, K.M. Education for future manufacturing 30068
Gardiner, K.M. *see* Balaji, S.S. 32491
Gardiner, P.D. *see* Belmiro, T.R. 39672
Garding, J. *see* Brautigam, C.G. 5053
Gardiol, F. Marconi in Switzerland 21011
Gardiol, F.E. Mixed potential integral equation methods for multilayered structures 44854
Gardiol, F.E., Zurcher, J.-F. Broadband patch antennas–a SSFIP update 32595
Gardiol, F.E. *see* Bokhari, S.A. 4353
Gardner, B. *see* Chung, T. 39850
Gardner, B.M., Jongeward, G., Katz, I. An analysis of ion thruster impact on new Millennium spacecraft subsystems 18729
Gardner, B.M. *see* Davis, V.A. 9534
Gardner, B.M. *see* Davis, V.A. 18700
Gardner, D. *see* Kalkur, T.S. 23580
Gardner, D.C. Semiconductor factory automation: designing for phased automation 39721
Gardner, D.S. *see* Gang Bai 2437
Gardner, D.T. Flexibility in electric power planning: coping with demand uncertainty 8842
Gardner, J. *see* Lingsch, S. 50006
Gardner, J.A., Rao, M.V., Tian, Y.L., Holland, O.W., Roth, E.G., Chi, P.H., Ahmad, I. Rapid thermal annealing of ion implanted 6H-SiC by microwave processing 54330
Gardner, J.M. *see* Wolcott, T.J. 6678
Gardner, J.W. *see* Chetwynd, D.G. 23081
Gardner, J.W. *see* Dyer, D.C. 27763
Gardner, M. *see* Penney, C.J. 59673
Gardner, M.J. *see* Hubley-Kozey, C.L. 59722
Gardner, M.M., Lu, J.C., Gyuresik, R.S., Wortman, J.J., Hornung, B.E., Heinisch, H.H., Rying, E.A. Equipment fault detection with fitted wafer surfaces 20829
Gardner, N.F. *see* Hartmann, Q.J. 40640
Gardner, N.F. *see* Sengupta, D.K. 27579
Gardner, N.F. *see* Sengupta, D.K. 48666
Gardner, N.R., Woods, N.J., Dominguez, P.S., Norman, C.E., Harris, J.J. Characteristics of lateral pn junctions grown on (100) GaAs patterned substrate 2107
Gardner, P., Nagi, H.S. Merged quasi-lumped branch-line couplers for miniature balanced microwave attenuators 21877
Gardner, P., Paul, D.K. Optimum noise measure configurations for transistor negative resistance amplifiers 53056
Gardner, P. *see* Singh, D. 41508
Gardner, S.D., Wagstaff, R.A. DIET AWSUM: a fluctuation-based deconvolution technique for enhancing signal-to-noise ratio and resolution 49009
Gardner, T.N., Evans, M., Kyberd, P.J. An instrumented spacial linkage for monitoring relative three-dimensional motion between fracture fragments 18303
Gardner, W.A., Yeung, G.K., Brown, W.A. Signal reconstruction after severe spectral excision 4804
Gardner, W.A. *see* Kahn, M.F. 4867
Gardner, W.A. *see* Kahn, M.F. 5708
Gardner, W.F., Lawton, D.T. Interactive model-based vehicle tracking 5490
Gardner, W.F. *see* Lawton, D.T. 56661
Gardner, W.R., Rao, B.D. Noncausal all-pole modeling of voiced speech 24835
Garegnani, J.J. *see* Foresman, T.W. 18941
Gareiss, R. Don't take no for an answer [frame relay] 16155
Gareiss, R. Web-hosting services: No mess, less stress 16313
Gareiss, R. Frame relay vs. IP: it's your move 47032
Garel, B. *see* Ghogho, M. 25109
Garello, R. *see* Grassin, S. 18873
Garello, R. *see* Grassin, S. 36259
Garello, R. *see* Grassin, S. 50130
Garello, R. *see* Kerbaol, V. 38092
Garello, R. *see* Le Caillec, J.-M. 34927
Garello, R. *see* Le Caillec, J.-M. 45764
Garello, R. *see* Le Caillec, J.M. 50144
Garello, R. *see* Rodenas, J.A. 18872
Garey, L.E., Gladwin, C.J., Shaw, R.E. Unconditionally stable methods for second-order Fredholm integro-differential equations 21179
Gareyte, J. LHC main parameters 17893
Gareyte, J. Impedance and collective effects in the LHC 49225
Garfield, J.R.B. Superconducting contacts for use in niobium thin film applications 48850
Garfinkel, A. *see* Antos, J. 37373
Garfinkel, A.F. *see* Bortoletto, D. 37383
Garfunkel, E. *see* Gusev, E.P. 2378
Garfunkel, E. *see* Lu, H.C. 2346

Garfunkel, E. *see* Zhou, J.B. 42655
Garg, A. *see* Maier, C.A. 21552
Garg, H.K. Skew circular convolution algorithms over finite integer rings 4840
Garg, H.K., Ko, C.C. Fast algorithms for computing one and two dimensional convolution in integer polynomial rings 24932
Garg, H.K. *see* Chia, K.B. 26896
Garg, H.K. *see* Haldar, M.K. 26771
Garg, H.Krishna *see* Krishna Garg, H.
Garg, N., Papatriantafilou, M., Tsigas, P. Distributed list coloring: how to dynamically allocate frequencies to mobile base stations 16094
Garg, S. *see* Farahani, M.M. 32540
Garg, S. *see* Kencke, D.L. 41175
Garg, V., Schimmel, D.E., Stogner, D., Ulmer, C., Wills, D.S., Yalamanchili, S. Early analysis of cost/performance trade-offs in MCM systems 22107
Garg, V.K., Sneed, E.L. Digital wireless local loop system 6587
Garg Hari Krishna *see* Hari Krishna Garg
Gargancinc, D. *see* Podaru, C. 48702
Garganese, U.S. *see* Clark, J.A. 52161
Gargasas, L. *see* Gelmanas, G. 49663
Garges, K. *see* Hoffman, G. 29173
Gargour, C.S., Ramachandran, V. A simple graphical method for testing 2-D stability 20558
Garibaldi, F. *see* Lolos, G.J. 59197
Garibaldi, F. *see* Perrino, R. 37264
Garibott, G., Masciangelo, S., Ilic, M., Bassino, P. ROBOLIFT: a vision guided autonomous fork-lift for pallet handling 35209
Garibotto, G. *see* Appiani, E. 15579
Garibyan, Yu.A. *see* Eganov, V.S. 7795
Gariepy, D. *see* Huff, J. 5915
Garigliano, R. *see* Nettleton, D.J. 15848
Garimella, S.V. *see* Morris, G.K. 285
Garin, B.M. Low loss limits in materials at the near millimeter range 54058
Garin Munoz, T., Perez Amaral, T. Demand for international telephone traffic in Spain: an econometric study using provincial panel data 26063
Garis, N.S. *see* Singkarat, S. 37454
Garito, A.F. *see* Koeppen, C. 23804
Garito, A.F. *see* Koeppen, C. 33399
Gark Choi, J., Kim, S.-D. Multi-stage segmentation of optical flow field 5527
Gark Choi Jae *see* Jae Gark Choi
Garlan, T. *see* Maroni, C.-S. 50019
Garland, D.J. *see* Muller, J.K. 59989
Garland, D.J. *see* Towhidnejad, M. 59988
Garland, J.C. *see* Herbert, S.T. 55119
Garland, R.V. *see* Beer, J.M. 50796
Garland, R.W., Eisenhauer, J. What is the federal government's role in sponsoring energy R&D? 28983
Garlea, C. *see* Popescu, C. 50745
Garlea, I. *see* Popescu, C. 50745
Garman, R.W. *see* Watts, J.W. 50793
Garmash, A.Yu. *see* Aulchenko, V.M. 37247
Garmash, K.P. *see* Chernogor, L.F. 34094
Garmash, K.P. *see* Chernogor, L.F. 34095
Garmire, E. *see* Canoglu, E. 12407
Garmire, E. *see* Huang, M.-F. 33133
Garmire, G.P. *see* Townsley, L.K. 27681
Garmon, J.P., Dugas, S.F., Gary, M.J. F-15E switch/state correlation tool–SWITCH 8230
Garn, H. Primary standards for antenna factor calibration in the frequency range of 30-1000 MHz 24570
Garnacho, F., Perez, J., Aro, M., Valve, P., Schon, K., Kato, T., McComb, T.R., Pesavento, G., Hauschild, W., Gockenbach, E., Ramirez, M., Munoz, P.E., Larzelere, B., Xin Zhang, Y. Evaluation procedures for lightning impulse parameters in case of waveforms with oscillations and/or an overshoot 50672
Garner, A.L. *see* Christenson, P.J. 1929
Garner, D.M., Amaratunga, G.A.J. A study of frequency response in silicon heterojunction bipolar transistors with amorphous silicon emitters 2595
Garner, H., Hofmann, G.A., Dev, S.B., Nanda, G.S. Electrochemotherapy: transition from laboratory to the clinic 18487
Garner, N.R., Barrett, P.A., Howard, D.M., Tyrrell, A.M. Robust noise detection for speech detection and enhancement 34659
Garner, P. *see* Barnes, N.M. 49805
Garner, P.N. *see* Webb, A.R. 16848
Garner, S. *see* Shi, Y. 47949
Garnero, L. *see* Baillet, S. 59682
Garnero, L. *see* Coutand, F. 59547
Garnesson, P. *see* Morel, M. 27034
Garnett, J. *see* Stobie, J. 18818
Garnett, R. *see* Lawrence, G. 49177
Garnett, R.W., Billen, J.H., Chan, K.C.D., Genzlinger, R., Gray, E.R., Nath, S., Rusnak, B., Schrage, D.L., Stovall, J.E., Takeda, H., Wood, R., Wangler, T.P., Young, L.M. Linear accelerator for tritium production 17896
Garnett, R.W., Wangler, T.P. A design approach for superconducting high-current ion linacs 49176
Garnett, R.W. *see* Wadlinger, E.A. 37124
Garnett, R.W. *see* Wangler, T.P. 49086
Garnev, I. *see* Kourtev, J. 22174
Garnier, D. *see* Allen, A.J. 36346
Garnier, F., Horowitz, G., Fichou, D., Yassar, A. Molecular order in organic-based field-effect transistors 22807
Garnier, P. *see* Poivey, C. 49939
Garnier, S.J. *see* Jasper, W.J. 15966
Garnot, M., Jourdan, A., Masetti, F., Sotom, M. Wavelength conversion in future WDM optical transport networks 36162
Garnov, S.V. *see* Kononenko, T.V. 43383
Garofalo, F. *see* di Bernardo, M. 51110
Garramone, S., Pettinella, M., Rebora, A., Zunino, R. Parallel implementation of distributed associative memories for image classification 57207
Garre, R. *see* Scanlan, R.M. 13516
Garre, R. *see* Scanlan, R.M. 37053
Garreau, Ph., Cottard, G., Berthaud, P., Beaumont, E., Bolomey, J.Ch. Potentials of microwave tomographic imaging for on line detection of land mines 8618
Garreau, Y. *see* Sauvage-Simkin, M. 2040
Garrec, B.J.Le *see* Le Garrec, B.J.
Garren, A., Courant, E., Gallardo, J.C., Palmer, R.B., Trbojevic, D., Johnstone, C., Ng, K.-Y. Design of the muon collider lattice: present status 17972
Garren, A. *see* Palmer, R.B. 17924
Garren, A. *see* Palmer, R.B. 17966
Garren, A.A. *see* Green, M.A. 49358
Garret, T., Chabassier, G., Roussel, A. High rate and low cost production of very large flat optical debris-shields for the French high power UV-laser project 3940
Garreton, G. *see* Regli, P. 12632
Garrett, H.B., Whittlesey, A.C. Spacecraft charging, an update 37942
Garrett, J.W. *see* Van Eck, T.E. 44074
Garrett, L.D., Chandrasekhar, S., Dentai, A.G., Zyskind, J., Sulhoff, J., Burrus, C.A., Burrows, E.C. Performance of an eight-channel p-i-n/HBT OEIC photoreceiver array module in an optically-preamplified WDM system experiment 16701
Garrett, L.D., Chandrasekhar, S., Zyskind, J.L., Sulhoff, J.W., Dentai, A.G., Burrus, C.A., Lunardi, L.M., Derosier, R.M. Performance of 8-channel OEIC receiver array in 8×2.5 Gb/s WDM transmission experiment 26872
Garrett, L.D., Chandrasekhar, S., Zyskind, J.L., Sulhoff, J.W., Dentai, A.G., Burrus, C.A., Lunardi, L.M., Derosier, R.M. Performance of eight-channel OEIC p-i-n/HBT receiver array in 8×2.5 Gb/s WDM transmission system 55474
Garrett, L.D. *see* Qi, J. 58377
Garrett, M.H., Mnushkina, I. Techniques for top-seeded solution growth of $BaTiO_3$ 10633
Garrett, M.H. *see* Brignon, A. 44708
Garrett, M.H. *see* Brignon, A. 55562
Garrett, M.H. *see* Garces Chavez, V. 14332
Garrett, R.M. *see* Cole, R.C. 12594
Garrett, R.T. The EMC specifications of Australia, China, Japan and New Zealand 45225
Garrett, T. Results of the portable traffic management system operational test 58578
Garrett, W.F. *see* Fuchs, H. 18220
Garrett, W.F. *see* State, A. 15495
Garrett, W.R. *see* Golovlev, V.V. 24197
Garrick, B.J. Risk-based regulation–where do we stand? [nuclear plants] 38562
Garrido, B., Montserrat, J., Morante, J.R. The pole of chemical species in the passivation of ⟨100⟩ silicon surfaces by HF in water-ethanol solutions 42430
Garrido, B., Samitier, J., Bota, S., Moreno, J.A., Montserrat, J., Morante, J.R. Reconstruction of the SiO_2 structure damaged by low-energy Ar-implanted ions 32077
Garrido, B. *see* Ferrer, J.C. 12317
Garrido, B. *see* Pedroviejo, J.J. 12623
Garrido, J. *see* Cervera, M. 12618
Garrido, L., Oliveras, A., Salembier, P. Motion analysis of image sequences using connected operators 56865
Garrido Caravantes, F.J.G. *see* Aguilar Pena, J.D. 1125
Garriga, M. *see* Alsina, F. 41915
Garrity, D., Rakers, P. A 10 bit, 2Ms/s, 15 mW BiCMOS cyclic RSD A/D converter 21763
Garrou, P.E. *see* Ida, Y. 12036
Garrou, P.E. *see* Liu, K. 12050
Garrou, P.E. *see* Skinner, M.I. 53846
Garrou, P.E. *see* Skinner, M.P. 302
Garrou, P.E. *see* Strandjord, A.J. 12044
Garrou, P.E. *see* Wells, G.T. 53857
Garrow, K. *see* Schicker, R. 18140
Garsden, H. *see* Vonwiller, J. 56364
Garside, J.D. *see* Furber, S.B. 53329
Garten, F., Hilberer, A., Cacialli, F., Esselink, E., van Dam, Y., Schlatmann, A.R., Friend, R.H., Klappwijk, T.M., Hadziioannou, G. Efficient blue LEDs from a partially conjugated Si-containing PPV copolymer in a double-layer configuration 55448
Garter, H.J. *see* Seungug Koh 22104
Garth, J.C., Critchfield, K.L., Turinetti, J.R., Beutler, D.E. A comprehensive comparison of CEPXS/ONELD calculations of dose enhancement with the Co-60 data set of Wall and Burke 22955
Garthe, D., Lee, W.S., Saunders, R.A., Hadjifotiou, A. 20 Gbit/s TDM transmission over 560 km of dispersion shifted fibre with a transmission window of more than 12 nm 16830
Garthe, D. *see* Saunders, R.A. 16833
Garthe, D. *see* Saunders, R.A. 58387
Gartia, R.K. *see* Sakural, T. 3582
Gartner, D., Sheppard, J.W. An experiment in encapsulation in system diagnosis 38196
Gartner, G., Geittner, P., Lydtin, H., Ritz, A. Emission properties of top-layer scandate cathodes prepared by LAD 53899
Gartner, G. *see* Makovicka, C. 53909
Gartner, H., Lehle, P., Tiziani, H.J., Voland, C. Structured light measurement by double-scan technique 36647
Gartner, H. *see* Lehle, P. 34986
Gartner, H. *see* Samlenski, R. 41881
Gartner, J.W., Cheng, R.T. Near bottom velocity measurements in San Francisco Bay, California 38088
Gartner, K., Fichtner, W. Improved separators by multigrid methods 13111
Gartner, M. *see* Ferrari, A. 42504
Gartner, P. *see* Lelkes, A. 39282
Gartner, P. *see* Souifi, A. 2174
Gartner, T. *see* Jenderka, K.-V. 18355
Gartz, P.E. Commercial systems development in a changed world 52134
Garud, R. *see* Kumaraswamy, A. 9951
Garudadri, H. *see* Li, Z. 24866
Garufi, F. *see* Annis, P. 59237
Garutti, V. *see* Cecchini, S. 7822
Garverick, L.M. *see* Becker, F.E. 51615
Garverick, L.M. *see* Fatemi, N.S. 20093
Garverick, L.M. *see* Stone, K.W. 50829
Garverick, S.L., Mehregany, M. Methodology for integrated MEMS designs 2873
Garverick, S.L., Nagy, M.L., Rao, N.K., Hartsfield, D.K., Purushotham, A. A capacitive sensing integrated circuit for detection of micromotor critical angles 27475
Garverick, S.L. *see* Purushotham, A. 9289
Garverick, T. *see* Nguyen, L.T. 6686
Garverick, T.G. *see* Nguyen, L.T. 53849
Garvey, J. *see* Brawn, I. 59325
Garvey, P.R., Phair, D.J., Wilson, J.A. An information architecture for risk assessment and management 52144
Garvey, S.D. *see* Phillips, C. 20135
Garvey, T., Bernard, M., Bourdon, J.C., Chehab, R., Dufresne, P., Jacquemard, B., Mencik, M., Mouton, B., Omeich, M., Roch, M., Rodier, J., Roudier, P., Saury, J.L., Solyak, N., Taurigna-Quere, M., Thiery, Y., Aune, B., Desmons, M., Fusellier, J., Gastebois, J., Gougnaud, F., Gournay, J.F., Jablonka, M., Joly, J.M., Juillard, M., Long, H., Lussignol, Y., Mosnier, A., Phung Ngoc, B., Buhler, S., Junquera, T. Status of the TTF linac injector 49193
Garvin, C., Wagner, K. Optical classification of radar signals using acousto-optically generated triple product representations 27003
Garwood, G.J. Work manager [BT's work management programme] 35570
Gary, C. *see* Sackos, J. 58994
Gary, C.K., Rubin, J. Wavelength coded fiber optic sensors for verification of identity 36602
Gary, M.J. *see* Garmon, J.P. 8230
Garyet, T.C., Dickson, N. Improved understanding of physical defect mechanisms using fault simulation 370
Garza, C.M. *see* Mason, M.E. 2476
Garza-Jinich, M., Meer, P., Medina, V. Robust retrieval of 3D structures from magnetic resonance images 8042
Garzella, D., Couprie, M.E., Billardon, M. UV-VUV mirrors for storage ring FELs: present performances and requirements 3939
Garzella, D. *see* Marsi, M. 31782
Garzelli, A. *see* Alparone, L. 26979
Garzelli, A. *see* Andreadis, A. 15604
Garzelli, A. *see* Andreadis, A. 16949
Garzi, G. *see* Bottino, M.P. 60355
Gas, B. *see* Natowicz, R. 25735
Gasan-zade, S.G., Sal'kov, E.A., Shepel'skii, G.A. Photoelectric and photomagnetic properties of the gapless semiconductor $Cd_xHg_{1-x}Te$ in the infrared and millimeter spectral regions when an energy gap is opened 42037
Gasanly, N.M., Aydinli, A. Low-temperature photoluminescence spectra of InS single crystals 42024
Gasanova, M.S. *see* Abilov, C.I. 31900
Gasca, L. *see* Desthieux, B.M. 6855
Gasca, M. *see* Alonso, P. 40132
Gascoyne Harrod, K. *see* Reagan, M. 36342
Gase, R. Ultrashort-pulse amplitude and phase retrieval using time-frequency distribution functions 4077
Gase, T., Karthe, W. Quasi-phase matched cascaded second order processes in poled organic polymer waveguides 13665
Gasemyr, J. *see* Natvig, B. 19508
Gaseor, T. *see* Gittleman, M.M. 48846
Gases, A. *see* Adams, S.M. 41664
Gash, W.L. *see* Skalka, M.S. 28502
Gasieniec, L., Kranakis, E., Krizanc, D., Pelc, A. Minimizing congestion of layouts for ATM networks with faulty links 16484
Gasiewski, A.J., Showman, G.A., Skofronick, G.M. Application of neural nets to rain rate retrieval from simulated multichannel passive microwave imagery 8442

Gasiorek, L. *see* Abboud, F. 22654
Gasiot, J. *see* Dusseau, L. 42981
Gasiot, J. *see* Setzkorn, R. 8196
Gasiot, J. *see* Stoebe, T.G. 8198
Gasiot, J. *see* Sudre, C. 54581
Gaska, R. *see* Chen, Q. 41469
Gaskey, C.J. *see* Chen, H.D. 54947
Gaskill, D.K. *see* Doverspike, K. 13034
Gaskin, J. Finding your way through TCP/IP 5875
Gaskov, A.M. *see* Rumyantseva, M.N. 36739
Gasmi, A., Huyart, B., Bergeault, E., Jallet, L. Narrow band quasi-circulator module design used in a transmit/receive module 58109
Gasmi, A., Huyart, B., Bergeault, E., Jallet, L.P. A new calculation approach of transistor noise parameters as a function of gatewidth and bias current 43135
Gasos, J., Martin, A. A fuzzy approach to build sonar maps for mobile robots 16984
Gaspar, C. Flow modelling using quadtrees and multigrid techniques 10565
Gaspar, P., Ponte, R.M. Relation between sea level and barometric pressure determined from altimeter data and model simulations 50077
Gasparac, I. *see* Maljkovic, Z. 9152
Gaspare, L.Di *see* Di Gaspare, L.
Gasparella, A. *see* Lazzarin, R.M. 50765
Gasparetto, G. *see* Meneghesso, G. 54711
Gaspari, F. *see* Dadabhai, F. 2271
Gasparini, M. *see* Kleyner, A. 52151
Gasparo, M.G. *see* Bellavia, S. 10491
Gasparotto, A. *see* Carnera, A. 12699
Gasperi, M.L. Life prediction model for aluminum electrolytic capacitors 31092
Gasperis, P.De *see* De Gasperis, P.
Gaspoz, J.-P., Hubaux, J.-P., Znaty, S. A generic architecture for VPN configuration management 46898
Gasquet, D. *see* Rouquette, P. 53621
Gasquet, H., Wootton, A.J. Variable-frequency complex demodulation technique for extracting amplitude and phase information 34800
Gass, C., DeFresart, E. Next generation power MOSFETs slash on-resistance, manufacturing cost 22871
Gass, J.H., Jr., Pursley, M.B. A comparison of frequency-hop and direct-sequence spread-spectrum communications 58152
Gass, W. Architecture trends of MPEG decoders for set-top box 47452
Gasser, L., Juengel, A. The quantum hydrodynamic model for semiconductors in thermal equilibrium 54012
Gasser, R.A. AS-i network touts low cost 16268
Gasser, S.M. *see* Shalish, I. 32060
Gassmann, A. *see* Liliental-Weber, Z. 10804
Gassmann, R. *see* Bitsch, P. 36026
Gassot, P. *see* Gennser, U. 2162
Gast, R. *see* Kathe, E. 24418
Gastaldi, J., Rossberg, A., Smolsky, I., Le Lay, G. New possibilities for the characterization of defects in α-HgI_2 crystals by synchrotron X-ray topography 37312
Gastaldi, M. *see* Cricelli, L. 30021
Gastaldi, M. *see* Cricelli, L. 52072
Gastaldi, M. *see* D'Angelo, A. 10046
Gastaud, R. *see* Cesarsky, C.J. 36548
Gastebois, J. *see* Buhler, S. 49018
Gastebois, J. *see* Clay, P. 49023
Gastebois, J. *see* Garvey, T. 49193
Gasteier, M., Glesner, M. Bus-based communication synthesis on system-level 1086
Gastellu-Etchegorry, J.P. *see* Pinel, V. 8538
Gastev, S.V. *see* Sokolov, N.S. 12571
Gasti, W. Implementation of an on-board compression system based on wavelet transform 57462
Gaston, B. Spread spectrum techniques for video transmission 47572
Gaston, F., Cappello, P. Self-esteem: the keystone of learning? 20621
Gaston, F.M.F., Brown, D.W., Kadlec, J. A parallel predictive controller 31310
Gasull, A. *see* Marques, F. 57468
Gasumov, V.A. *see* Abbasov, A. M. 6247
Gat, N., Subramanian, S., Barhen, J., Toomarian, N.B. Spectral imaging applications: remote sensing, environmental monitoring, medicine, military operations, factory automation and manufacturing 57372
Gates, D. *see* Howlett, P. 50685
Gates, D. *see* Waibel, A. 14945
Gates, J.V. *see* Henein, G.E. 44313
Gates, J.V. *see* Scotti, R.E. 44308
Gates, J.V. *see* Shmulovich, J. 33321
Gates, M. *see* Marvin, D.C. 37985
Gates, M.M. *see* LaBel, K.A. 21696
Gates, S.M. *see* McCormick, C.S. 22878
Gatewood, M. *see* Limpaecher, R. 51269
Gatewood, M. *see* Limpaecher, R. 51270
Gatewood, P.D., LaFollette, P.A. Host laboratory functions for the DoD 2400 bps vocoder selection process 16475
Gath, H.-C., Honold, A. Minienvironment technology for flat panel display manufacturing 17678
Gath, I. *see* Geva, A.B. 28319
Gath, I. *see* Harel, T. 49673
Gatherer, A. The effect of microreflections on decision feedback equalization 25809
Gatignon, L. *see* Doble, N. 49258
Gatley, I. *see* Fowler, A.M. 48650
Gato, L.M.C., Warfield, V., Thakker, A. Performance of a high-solidity Wells turbine for an OWC wave power plant 38639
Gatopoulos, J. *see* Nogaret, E. 19648
Gatt, P., Costello, T.P., Heimmermann, D.A., Castellanos, D.C., Weeks, A.R., Stickley, C.M. Coherent optical array receivers for the mitigation of atmospheric turbulence and speckle effects 6967
Gatti, A. *see* Lugiato, L.A. 33709
Gatti, A. *see* Marzoli, I. 44687
Gatti, E., Geraci, A., Ripamonti, G. Automatic synthesis of optimum filters with arbitrary constraints and noises: a new method 18133
Gatti, E., Geraci, A., Ripamonti, G. Lorentzian spectral noise density: optimum filter 56465
Gatti, E. *see* Bittanti, S. 59308
Gatti, E. *see* Kranenburg, R.A. 61144
Gatti, E. *see* Numeroli, R. 51706
Gattiker, A., Nigh, P., Grosch, D., Maly, W. Current signatures for production testing [CMOS ICs] 23001
Gatto, V. *see* Trew, R.J. 31499
Gatz, S., Herrmann, J., Muller, M. Kerr-lens mode locking without dispersion compensation 4039
Gatzen, H.H. Magnetic micromechanics activities in Germany 43378
Gaubas, E., Kaniava, A., Vaitkus, J. Investigation of recombination parameters in silicon structures by infrared and microwave transient absorption techniques 41858
Gaubas, E., Vanhellemont, J. A simple technique for the separation of bulk and surface recombination parameters in silicon 1973
Gaubert, C. *see* Corrao, N. 9916
Gaubert, J.P. *see* Coirault, P. 9223
Gaubert, J.P. *see* Coirault, P. 60758
Gauchard, S. *see* Bathelon, L. 36147
Gauchard, S. *see* Clesca, B. 26829
Gaucher, H. *see* Saied, A. 18373
Gaucher, P. Piezoelectric and electrostrictive bimorph actuators and sensors for smart microsystems 13369
Gaucher, P. *see* Noblanc, O. 51436
Gauck, H., Gfroerer, T.H., Renn, M.J., Cornell, E.A., Bertness, K.A. External radiative quantum efficiency of 96% from a GaAs/GaInP heterostructure 44216
Gauckler, L.J. *see* Buhl, D. 32895
Gauckler, L.J. *see* Goedickemeier, M. 29612
Gauckler, L.J. *see* Riess, I. 29605
Gauckler, L.J. *see* Sasaki, K. 51532
Gaudaire, F. *see* Foulonneau, B. 4253
Gaudaire, M. *see* Meunier, I. 28258
Gaudenzi, P. *see* Accettella, S. 13371
Gaudenzi, R.De *see* De Gaudenzi, R.
Gaudi, M. *see* Centeno, V. 28935
Gaudiano, P. *see* Linsay, P.S. 1178
Gaudiello, J. *see* Kokas, J. 1809
Gaudio, M.Del *see* Del Gaudio, M.
Gaudioso, M., Meuniti, D., Sorrentino, N., Russo, M., Testa, A. Optimal secure and economical dispatching by means of a min-max-min optimization technique 19189
Gaudron, C. *see* Ball, J. 18071
Gaudron, L. *see* Weiss, M.A. 36932
Gauen, K. New models and techniques analyze power transistor and its thermal environment 2667
Gauen, K., Neal, H. Tools for analyzing the power transistor and its thermal environment 22836
Gauggel, H.-P., Artmann, H., Geng, C., Scholz, F., Schweizer, H. Wide-range tunability of GaInP-AlGaInP DFB lasers with superstructure gratings 23903
Gaughan, K.R. Multilayer high temperature ceramics for semiconductor and MCM packaging 52243
Gaugitsch, M., Hauser, H., Haberl, F., Hochreiter, J. Magneto-optic light modulation for refraction measurements by thin iron films 3492
Gaugler, K.W. *see* Waitkus, P.E. 41693
Gauglitz, G. *see* Brecht, A. 7461
Gauja, E. *see* Bazylenko, M.V. 23715
Gaul, A.J., Handschin, E., Hoffmann, W. Optimal management of electrical loads using knowledge aware evolutionary strategies 50424
Gaul, G. Achieving a competitive edge with CHAT [gas turbines] 38622
Gaul, H.W., Huettl, T., Powers, C. Radiated emissions testing of an experimental electric vehicle 45191
Gault, M. *see* Kang, Y.C. 13045
Gault, W. *see* Lathuillere, C. 60066
Gaumont-Goarin, E. *see* Lestra, A. 2404
Gauneau, M., Volle, R., Martel, G., Moisan, J.Y. Impurities and dopants in vanadium doped CdTe 32969
Gauneau, M. *see* Hbib, H. 10872
Gauneau, M. *see* Lambert, B. 13686
Gauntt, J.du Pre *see* du Pre Gauntt, J.
Gaupp, O.J. *see* Boeck, R. 20175
Gaur, K. *see* Thakur, A.N. 2054
Gaur, K. *see* Thakur, A.N. 54103
Gaur, N.K. *see* Tewari, H.S. 54102
Gaura, E. *see* Trifa, V. 9613
Gaure, S. *see* Hovig, I. 25549
Gaus, J., Schroeder, W., Christ, T. Quality management in theory and practice 50678
Gaus, J. *see* Christ, T. 19141
Gausepohl, S.C. *see* McDaniel, E.B. 43762
Gaussen, P. *see* Murphy, A.M. 48187
Gauster, E., Rieder, W. Arc lengthening between divergent runners: influence of arc current, geometry and materials of runners and walls 19903
Gautam, K.S. *see* Narayan, K.S. 3610
Gautam, N. *see* Kulkarni, V.G. 35393
Gautam, P. *see* Ramamurti, V. 21211
Gautard, D., Couderchon, G., Coutu, L. 50-50 CoFe alloys: magnetic and mechanical properties 23314
Gautheron, F. *see* Alexeev, G. 59200
Gauthier, A. *see* Benabes, P. 31339
Gauthier, A. *see* Benabes, Ph. 9892
Gauthier, A. *see* Rousset, B. 38382
Gauthier, C., Goulon, J., Moguiline, E., Rogalev, A., Lechner, P., Strueder, L., Fiorini, C., Longoni, A., Sampietro, M., Besch, H., Pfitzner, R., Schenk, H., Tafelmeier, U., Walenta, A., Misiakos, K., Kavadias, S., Loukas, D. A high resolution, 6 channels, silicon drift detector array with integrated JFET's designed for XAFS spectroscopy: first X-ray fluorescence excitation spectra recorded at the ESRF 59190
Gauthier, C.R. *see* Brown, R.B. 41214
Gauthier, E., Le Boudec, J.-Y., Oechslin, P. SMART: a many-to-many multicast protocol for ATM 57620
Gauthier, G.P. *see* Courtay, A. 34426
Gauthier, G.P. *see* Filipovic, D.F. 56223
Gauthier, J.C. *see* Amiranoff, F. 17898
Gauthier, L.F. *see* Landeau, T. 50048
Gauthier, M. Temperature dependence of surface and bulk recombination in a-Si:H Schottky diodes 42911
Gauthier, M. *see* Besson, J.M. 22246
Gauthier, R. *see* Minh Toug 24352
Gauthier, R.C. Analysis of a birefringent sensor's dependence on the blocking properties of linear polarizers and the input laser beam's polarization state 7378
Gauthier-Lafaye, O. *see* Berger, V. 42798
Gautier, B. *see* Labiadh, A. 42645
Gautier, E., Nunzi, J.-M., Sentein, C., Lorin, A., Raimond, P. Blue light-emitting diodes with doped polymers 23693
Gautier, E. *see* Moreau de Saint-Martin, F. 15908
Gautier, J. *see* Mandelman, J.A. 21662
Gautier, J. *see* Sun, J.Y.-C. 42984
Gautier, J.-L. *see* Balatchev, S. 53665
Gautier, J.D. *see* Zbinden, H. 45623
Gautier, M. *see* Robet, P.P. 51044
Gautier, M. *see* Robet, P.P. 60971
Gautier, R. *see* Icart, S. 25151
Gautier, T. *see* Assouad, Y. 59952
Gautier, T. *see* Rosten, H.I. 52280
Gauvain, J.-L. *see* Young, S.J. 56368
Gauvain, J.L., Lamel, L., Adda, G., Matrouf, D. Developments in continuous speech dictation using the 1995 ARPA NAB news task 24819
Gauvain, J.L. *see* Adda-Decker, M. 14885
Gauvain, J.L. *see* Lamel, L.F. 45681
Gauvin, J., Doucet, M., Gingras, D., Chevrette, P. Coding of image data via correlation filters for invariant pattern recognition: some practical results 5667
Gauvin, S., Zyss, J. Growth of organic crystalline thin films, their optical characterization and application to non-linear optics 10613
Gauvrit, H., Le Cadre, J.-P., Jauffret, C. A N-dimensional assignment algorithm to solve multitarget tracking 25242
Gauyacq, J.P. *see* Spataru, C. 22161
Gauyacq, J.P. *see* Spataru, C. 53946
Gavalda, J. *see* Sole, R. 682
Gavalda, M. *see* Mayfield, L.J. 56373
Gavalda, M. *see* Waibel, A. 14945
Gavalek, V. *see* Kovalev, L.K. 60703
Gavalek, V. *see* Kovaliov, L.K. 29266
Gavand, M. *see* Fave, A. 38985
Gavat, I., Zirra, M., Enescu, V. A hybrid NN-HMM system for connected digit recognition over telephone in Romanian language 45671
Gavat, I. *see* Grigore, M. 45696
Gaver, W.W., Smets, G., Overbeeke, K. A virtual window on media space 47377
Gavignet, E., Ballandras, S., Bigler, E. A perturbation method for modeling the thermal sensitivity of surface transverse waves 32773
Gavignet, E. *see* Bigler, E. 55012
Gaviko, V.S. *see* Gabay, A.M. 43629
Gaviko, V.S. *see* Zaikov, N.K. 55063
Gavish, B., Sridhar, S. Threshold priority policy for channel assignment in cellular networks 47094
Gavoille, C. *see* Fraigniaud, P. 40756
Gavric, M.R., Hrvic, D.M. Power system frequency transducer for real time measurements and relay applications 19431
Gavrielides, A., Kovanis, V., Erneux, T. Analytical stability boundaries for a semiconductor laser subject to optical injection 44447
Gavrielides, A. *see* Newel, T.C. 1114
Gavrielides, A. *see* Peterson, P. 23834
Gavrik, V.V., Kirillova, L.N. The noninformational influence of resolution on the visual quality of color images of a scene with a person 56601
Gavrila, D.M. Hermite deformable contours 5062
Gavrilas, M., Georgescu, G., Cartina, G. A connectionist approach to real-time control and simulation of switching operations in power systems substations 9448
Gavrilenko, A. *see* Kalmykov, A. 18816

Gavrilenko, A.S. *see* Matveyev, A.Ya. 27041
Gavrilenko, A.S. *see* Zeldis, V.I. 16941
Gavrilenko, V.I., Bechstedt, F. Local-field and exchange-correlation effects in optical spectra of semiconductors 22200
Gavrilenko, V.I., Erofeeva, I.V., Korotkov, A.L., Krasil'nik, Z.F., Kuznetsov, O.A., Moldavskaya, M.D., Nikonorov, V.V., Paramonov, L.V. Shallow acceptors in Ge/GeSi strained multilayer heterostructures with quantum wells 54201
Gavrilenko, V.I. *see* Aleshkin, V.Ya. 2192
Gavrilov, L. *see* Webb, D.J. 37700
Gavrilov, N.M., Fukao, S., Nakamura, T., Tsuda, T., Yamanaka, M.D., Yamamoto, M. Statistical analysis of gravity waves observed with the middle and upper atmosphere radar in the middle atmosphere. 1. Method and general characteristics 50064
Gavrilov, S.P., Tarapov, S.I., Vertiy, A.A., Ozel, M.E. Evolution of electromagnetic field in resonator with nonlinear paramagnetic filling 14684
Gavrilov, S.P. *see* Vertiy, A.A. 11661
Gavrilov, S.P. *see* Vertiy, A.A. 17750
Gavrilov, S.P. *see* Vertiy, A.A. 27857
Gavrilov, S.P. *see* Vertiy, A.A. 50230
Gavrilov, S.P. *see* Vertiy, A.A. 53556
Gavrilov, V. *see* Akchurin, N. 37257
Gavrilov, V.V. *see* Bugrov, A.E. 55760
Gavrilovic, P. *see* Rommel, J.M. 3853
Gavrilovic, P. *see* Starodumov, A.N. 55518
Gavrilyachenko, V.G., Reshetnyak, N.V., Semenchev, A.F., Klebtsov, A.N. Depolarization of ferroelectrics by nanosecond electrical pulses 41748
Gavrilyako, O. Diffraction on compound boundary structures 45076
Gavrilyuk, E.P. *see* Andreeva, O.V. 14415
Gavrish, Yu.N. *see* Svistunov, Yu.A. 49215
Gaw, C. *see* Jiang, W. 24012
Gaw, C. *see* Schwartz, D.B. 23710
Gaw, H. *see* Assaderaghi, F. 42332
Gawalek, W. *see* Stoye, P. 32891
Gawior, W., Woch, M., Kolano, R., Wojcik, N. The structure and magnetic properties of $Fe_{82.5-x}Cu_1Nb_3Si_{13.5}B_x$ alloys 3082
Gawior, W. *see* Kolano, R. 21998
Gawlik, K.-U., Kipp, L., Skibowski, M., Orlowski, N., Manzke, R. HgSe: metal or semiconductor? 54081
Gawron, V.J., Priest, J.E. Evaluation of hand-dominance on manual control of aircraft 59939
Gawron, W. *see* Piotrowski, J. 48558
Gawronski, M. *see* Brzozka, K. 3066
Gaxiola, E.H.R., Wetzer, J.M. Partial discharges in micrometer voids in PTFE 2978
Gaxiola, E.H.R., Wetzer, J.M. A time-resolved optical study of the avalanche and streamer formation in atmospheric nitrogen 13217
Gaxiola, E.H.R., Wetzer, J.M. Partial discharge modelling and measurements on micrometer voids in solid dielectrics 43451
Gaxiola, E.H.R., Wetzer, J.M. Avalanche and streamer formation in N_2 and dry air 43454
Gaxiola, S., Chou, F. Turnkey installation of a two-stage wastewater treatment system used on saponifier cleaning PWA operations 41688
Gay, C. *see* Antos, J. 37373
Gay, D., McCarthy, N. Improvement of the pulse and spectrum characteristics of a mode-locked argon laser with a phase-conjugating external cavity 55494
Gay, E. *see* Chawki, M.J. 16721
Gay, N., Floret, F., Martinuzzi, S., Roux, L., Arnould, J., Mathieu, G. Effects of annealing in oxygen and nitrogen atmosphere on FZ silicon wafers 54323
Gay, N. *see* Porre, O. 39021
Gay, S.L. Dynamically regularized fast RLS with application to echo cancellation 15245
Gay, V., Leydekkers, P. Multimedia in the ODP-RM standard 47048
Gayda, V.B. *see* Gimel'farb, G.L. 18780
Gaydadjiev, G.N. *see* van de Goer, A.J. 53270
Gaydecki, P.A. Signal recovery using a cascade adaptive filter: application to ultrasonic testing of heterogeneous media 34861
Gayet, P. *see* Barranco-Luque, M. 49012
Gayet, P. *see* Maury, D. 40611
Gayles, E.S., Owens, R.M., Irwin, M.J. A fast compact addition architecture for low power microprocessors and DSP chips 11499
Gaylor, T.R. *see* Wyss, G.D. 57823
Gaylord, A. *see* Awduche, D.O. 47788
Gaylord, T. *see* Cruz-Rivera, J.L. 1459
Gaylord, T.K. *see* Anemogiannis, E. 54199
Gaylord, T.K. *see* Brundrett, D.L. 181
Gaylord, T.K. *see* Cruz-Rivera, J.L. 57916
Gaylord, T.K. *see* Guthrie, D.K. 9859
Gaylord, T.K. *see* Guthrie, D.K. 22447
Gaynes, M.A., Shaukatullah, H. Adhesives for thermal enhancement of surface mount plastic electronic packages 39853
Gaynes, M.A. *see* Saraf, R.F. 12021
Gaynes, M.A. *see* Shaukatullah, H. 10145
Gaynor, W., Takoudis, C.G., Neudeck, G.W. Process-property relationships between silicon selective epitaxial growth ambients and degradation of insulators 10729
Gayral, M. *see* Plana, R. 53566
Gazalet, M.G. *see* Derviaux, C. 57083
Gazalet, M.G. *see* Kastelik, J.C. 55337
Gazda, M.J. *see* Das, I.J. 8131
Gazecki, J., Zamora, M., Reeves, G.K. Low frequency "negative capacitance" in AuPtTi/nGaAs Schottky contacts 12523
Gazelle, D., Snyders, J. Reliability-based code-search algorithms for maximum-likelihood decoding of block codes 24735
Gazen, D. *see* El Baz, D. 16117
Gazengel, J. *see* Rhaimini, S.E. 33620
Gazey, B. *see* Tonkinson, J. 39613
Gazi, S. *see* Spankova, M. 40368
Gazit, D. *see* Brandon, S. 10661
Gazit, D. *see* Horowitz, A. 10660
Gazit, R. Digital tracking filters with high order correlated measurement noise 31375
Gazit, R.Y., Powell, J.D. Aircraft collision avoidance based on GPS position broadcasts 49887
Gazor, S. *see* Farhang-Boroujeny, B. 4646
Gburzynski, P., Ono-Tesfaye, T., Ramaswamy, S. Modeling ATM networks in a parallel simulation environment: a case study 46621
Gcabashe, T. Electricity investment: from the Cape to the Sahara 19164
Ge, C. *see* Prinet, V. 8041
Ge, G., Wen, H.K. Research on microstrip multiway unequal power divider/combiner 11650
Ge, H., Bar-Ness, Y. Comparative study of the linear minimum mean squared error (LMMSE) and the adaptive bootstrap multiuser detectors for CDMA communications 5809
Ge, J., Rajan, P.K. Design of an optimal weighted MACE filter realizable with arbitrary SLM constraints 3547
Ge, Q.-W., Yoshioka, N. A method of finding legal sequence number for a class of extended series-parallel digraphs 52503
Ge, W.K. *see* Xu, Z.Y. 2215
Ge, Y., Stelts, D.R., Vining, D.J. 3D skeleton for virtual colonoscopy 18397
Ge Bao-Zhen *see* Bao-Zhen Ge
Ge Chuan-Zhen *see* Chuan-Zhen Ge
Ge Chuanzhen *see* Chuanzhen Ge
Ge Chuanzheng *see* Chuanzheng Ge
Ge Cong, Song De Ma Dyadic scale space 56706
Ge Cong, Songde Ma Nonlinear diffusion for early vision 5100
Ge Cong, SongDe Ma Dyadic scale space 5397
Ge Debiao, Zhu Zhiwei, Zhou Qizhong, Zhou Yilin Derivation of numerical diffraction coefficient of the wedge characterized by fractal surfaces 14550
Ge Debiao *see* Shi Shouyuan 15208
Ge Fuding *see* Fuding Ge
Ge Gong, SongDe Ma Derivatives in scale space 15276
Ge Hailin *see* Fang Yue 7311
Ge Hongjuan, Zhuang Xinfu, Huang Shengguo Research on the converter controlled by the isosceles-trapezoid PWM wave 60913
Ge Hongwei *see* Pei Min 44803
Ge Hongya *see* Hongya Ge
Ge Huang *see* Chen Gen-Xiang 43939
Ge Huang *see* Zhao Yu-Cheng 43938
Ge Jin *see* Jin Ge
Ge Jue Design of high-order switched-capacitor filter 53413
Ge Ning, Feng Chongxi ASIC design of M13 47490
Ge Wang, Snyder, D.L., Vannier, M.W. Local computed tomography via iterative deblurring 46166
Ge Wang, Vannier, M.W., McFarland, E.G., Heiken, J.P., Brink, J.A. GI tract unraveling in volumetric CT 18376
Ge Weikun *see* Lu Liwu 32005
Ge Weikun *see* Lu Liwu 32006
Ge Wu *see* Wu Ge
Ge Yaorong *see* Yaorong Ge
Ge Yaoxhong *see* Dong Xinzhou 38446
Ge Yi, Li Zhenhua, Wang Zixing, He Anzhi, Lu Aiming Reconstruction of asymmetrical three-dimensional temperature field of radiator 39827
Ge Yi, Li Zhenhua, Zhang Li, He Anzhi, Lu Aiming An improved back-propagation algorithm applied to target recognition 46403
Ge Yi *see* Yi Ge
Ge Yuanqing *see* Yuanqing Ge
Ge Zhou *see* Yi-Mo Zhang 57917
Ge Zongtao *see* Zongtao Ge
Gea, L.A. *see* Christen, H.-M. 52682
Geaga, J.V. Displaying information for situational awareness 28701
Geaghan, B.S., Yuan, R.L. Communications to high latitudes using a commercial low Earth orbit satellite system 58151
Geake, W.B. *see* Amoore, J.N. 49404
Geannopoulos, G. *see* Taylor, G.F. 41221
Gearhart, S.A. *see* O'Bannon, T.E. 28520
Gearhart, S.S. *see* Porter, B.G. 34193
Geary, D.E. *see* Lynch, S.P. 59359
Geary, G.M. *see* Geary, J.R. 19683
Geary, J.R., Spooner, E., Geary, G.M. Electromechanical flux regulation of permanent magnet TORUS machines using a passive alignment technique 19683
Geballe, T.H. *see* Snyder, G.J. 23290
Gebauer, H.-D. *see* Schmitt, T. 37704
Gebauer, J. *see* Krawczynski, H. 37287
Gebbinck, M.S.K. *see* Schouten, T.E. 56608
Gebel, B. *see* Dempsey, N.M. 3137
Gebel, B. *see* Eckert, D. 3134
Gebel, B. *see* Mueller, K.-H. 3051
Gebel, M. *see* Bleck, J.S. 18270
Gebhard, A. *see* Noth, E. 14968
Gebhard, B. *see* Teichert, St. 895
Gebhard, M. *see* Bauer, D. 36731
Gebhard, M. *see* Schulze, S. 23046
Gebhardt, K.H. *see* Lau, F. 12974
Gebhardt, M., Warner, M., Bungey, T., Currie, A., Holden, N. Airborne SAR interferometry applied to flood modelling 60035
Gebhardt, W., Reisinger, T., Hahn, B., Rosenauer, A. Growth of large gap II-VI-semiconductors by MBE and MOVPE. A comparative study 21242
Gebhardt, W. *see* Angermeier, D. 40412
Gebhardt, W. *see* Griebl, E. 22387
Gebhardt, W. *see* Hahn, B. 40466
Gebhardt, W. *see* Kastner, M.J. 40344
Gebhardt, W. *see* Reisinger, T. 21244
Gebhardt, W. *see* Rosenauer, A. 22241
Gebhardt, W. *see* Worz, M. 12354
Gebicki, W. *see* Szuszkiewicz, W. 22242
Gebler, D.D., Wang, Y.Z., Blatchford, J.W., Jessen, S.W., Fu, D.-K., Swager, T.M., MacDiarmid, A.G., Epstein, A.J. Exciplex emission in bilayer polymer light-emitting devices 44264
Gebler, D.D. *see* Wang, H.L. 13874
Gebre-Egziabher, D. *see* Barrows, A.K. 18612
Gec, Z. *see* Ivanovic, Z. 29768
Geci, D. *see* Wellfare, M. 8675
Geck, B., Marquardt, J., Sagebiel, M. A homodyne network analyzer based on the FMCW method and digital signal processing 27867
Geck, W.R. *see* Hsia, R.P. 36865
Geckeis, H. *see* Quinones, J. 38514
Gedde, U.W. *see* Windmar, D. 32733
Geddes, D.J., Swidenbank, E., Hogg, B.W. A model based control scheme for a power plant boiler 19565
Geddes, E. *see* Yong Shen 48271
Geddes, L.A. Heritage of the tissue-bed oximeter 59458
Geddes, N.D., Brown, J.L., Beamon, W.S., III, Wise, J.A. A shared model of intentions for Free Flight 59869
Gedeon, I. *see* Chase, P. 6005
Gedeon, T.D. *see* Baranyi, P. 21128
Gedeon, T.D. *see* Bustos, R.A. 24800
Gediga, S., Marquardt, R., Sommer, R. High power IGBT converters with new gate drive and protection circuit 51155
Gedney, S. *see* Navsariwala, U.D. 34143
Gedney, S.D. An anisotropic perfectly matched layer-absorbing medium for the truncation of FDTD lattices 14563
Gedney, S.D. The application of the finite-difference time-domain method to EMC analysis 45238
Gedney, S.D. *see* Roden, J.A. 34149
Gedney, S.D. *see* Roden, J.A. 47513
Gedra, T.W. A framework for security pricing in a re-regulated environment [power systems] 28839
Gedridge, R.W., Jr. *see* Groshens, T.J. 30949
Gedridge, R.W., Jr. *see* Groshens, T.J. 40569
Gee, A.E. Modelling the mechanics of free particulate abrasive polishing from the viewpoint of single-point processes 182
Gee, A.E. *see* Jeynes, C. 12153
Gee, C.M., Chen, T.R., Paslaski, J., Schrans, T.P., Bar-Chaim, N. Performance and applications of wide-temperature DFB lasers 55672
Gee, C.M. *see* Paslaski, J.S. 58353
Gee, D. *see* Maluf, N.I. 23058
Gee, G.B. *see* Adolphsen, J.W. 22865
Gee, H.D. Improvements in gas turbine manufacturing at EGT 19568
Gee, J.M. A simple procedure to analyze rear-surface internal quantum efficiency 39003
Gee, J.M., Gordon, R., Haifan Liang Optimization of textured-dielectric coatings for crystalline-silicon solar cells 39052
Gee, J.M., King, R.R., Mitchell, K.W. High-efficiency cell structures and processes applied to photovoltaic-grade Czochralski silicon 39193
Gee, J.M. *see* Schubert, W.K. 39200
Gee, M.G. Final report and recommendations: project AM4, development of measurement methods for the characterisation of the high stress behaviour of piezoelectric, electrostrictive and magnetostrictive materials 59023
Gee, M.G. *see* Stewart, M. 40731
Gee, P. *see* Nicholas, R.J. 2126
Gee, R.C. *see* Mendis, S.K. 27683
Gee, S.A., Chen, K.L., Nguyen, L.T. Test chip and finite element analysis of passivation cracking in molded integrated circuits 330
Gee Keun Chang, Woo Yong Ohm, Cheol Sang Shin, Ho Jeong Chang Thermal instability of Co-silicides formed by Co and Co/Ti bilayer 42734
Geelen, A.van *see* van Geelen, A.
Geelhaar, T. *see* Buchner, P. 19841
Geels, R.S. *see* O'Brien, S. 33527
Geen, D., Smith, D. Wide flare-angle horn antenna with means for radiating low levels of crosspolarisation in two widely separated frequency bands 34342
Geen, M.W. *see* Buck, B.J. 53650
Geen, M.W. *see* Devlin, L.M. 58116
Geen, P. Integrating traveller information services within ARENA 58231
Geene, H.T.F. *see* Gulski, E. 19333
Geeng-Kwei Chang *see* Tzuen-Lih Chern 29674

Geer, D.E., Jr., Davis, D.T. Token-mediated certification and electronic commerce 45564
Geer, S. Searching for antiproton decay at the Fermilab Antiproton Accumulator 28037
Geerk, J. *see* Knierim, A. 32900
Geerkens, J. *see* Schmitz, B. 350
Geerkens, J. *see* Seidel, U. 40744
Geers, R., Puers, R., Goedseels, V. Electronic identification and monitoring of pigs during housing and transport 59388
Geeter, J.De *see* De Geeter, J.
Geffarth, F. *see* Lussem, G. 13871
Geffe, P.R. The design of single-layer solenoids for RF filters 41286
Geffe, P.R. On numerical technique in analog filter synthesis 41289
Gefle, O.S., Lebedev, S.M. The anomalous treeing resistance of proton-irradiated PMMA 54897
Geggus, K.M., Botha, E.C. A novel neural-based diagnostic aid for detecting sharp transients in the EEG 59736
Geh, B. *see* Flagello, D.G. 2490
Geheb, F. *see* Elghazzawi, Z. 49638
Gehlen, W. On the sequence of errors in best polynomial approximation 52528
Gehler, J., Karthe, W., Wachter, C., Brauer, A., Rasch, A., Rottschalk, M. ARROW's in $KTiOPO_4$ 44015
Gehlhausen, M. *see* Pease, R.L. 22959
Gehner, A. *see* Kuck, H. 13164
Gehoel-van Ansem, W.F.J., Zandbergen, P., Juffermans, A.H. Influence of resist process on proximity bias 42839
Gehrels, N. *see* Hye-Sook Park 58842
Gehrels, N. *see* Katz, C.A. 58518
Gehrels, N. *see* Kurczynski, P. 59369
Gehrels, N. *see* Stahle, C.M. 37354
Gehring, S., Ludwig, S. The Trianus system and its application to custom computing 11422
Gehrke, M., Hetschold, T. Management of a public key certification infrastructure: Experiences from the DeTeBerkom project BMSec 5997
Gehrke, M., Hetschold, T. Management of a public key certification infrastructure experiences from the DeTeBerkom project BMSec 6221
Geib, K. *see* Blum, O. 32172
Geib, K.M., Choquette, K.D., Chui, H.C., Hou, H. Mirror reflectivity and doping considerations for high-performance oxide-confined vertical-cavity lasers 23998
Geib, K.M. *see* Choquette, K.D. 3896
Geib, K.M. *see* Choquette, K.D. 24002
Geib, K.M. *see* Choquette, K.D. 33502
Geib, K.M. *see* Choquette, K.D. 55734
Geib, K.M. *see* Hayes, E.M. 33345
Geib, K.M. *see* Hou, H.Q. 14175
Geib, K.M. *see* Lear, K.L. 3968
Geib, K.M. *see* Li, J. 44543
Geidter, D. *see* Lockledge, J. 20503
Geier, S., Hessmer, R., Schreck, M., Stritzker, B., Rauschenbach, B., Helming, K., Kunze, K., Erfurth, W. Study of the growth of thin epitaxial CVD diamond films on silicon 40437
Geier, S., Zeitler, M., Helming, K., Philip, M., Henke, S., Stritzker, B., Rauschenbach, B. Study of the growth of fullerene-carbonized epitaxial SiC thin films by synchrotron radiation 40430
Geifman, E.M. *see* Bespalov, N.N. 40876
Geiger, A.R. *see* Prasad, N.S. 6978
Geiger, A.R. *see* Prasad, N.S. 48644
Geiger, B., Schneider, P. The light-curve reconstruction method for measuring the time delay of gravitational lens systems 27117
Geiger, C. *see* Lai, R. 41496
Geiger, D., Heckerman, D., Meek, C. Asymptotic model selection for directed networks with hidden variables 456
Geiger, D. *see* Lichte, H. 33742
Geiger, F. *see* Lin, H. 7336
Geiger, H. *see* Cole, M.J. 26779
Geiger, H. *see* Udem, T. 27341
Geiger, H. *see* Volanthen, M. 43982
Geiger, H. *see* Volanthen, M. 48577
Geiger, H. *see* Volanthen, M. 48637
Geiger, J.E. Quality assurance approaches to enhance operating plant safety 38554
Geiger, M., Bauknecht, A., Adler, F., Schweizer, H., Scholz, F. Observation of the 2D-3D growth mode transition in the InAs/GaAs system 42239
Geiger, M., Ottenwaelder, D., Scholz, F., Glanz, M., Recker, C., Winterfeld, J., Schumann, H. Bisphosphino-methane: a new precursor for metalorganic vapor phase epitaxy of phosphides 30784
Geiger, M. *see* Griesinger, U.A. 23962
Geiger, M. *see* Jian Wang 14143
Geiger, M. *see* Konig, P. 3459
Geihs, K. *see* Puder, A. 6158
Geiler, H.-D. *see* Ehlert, A. 54022
Geiler, H.D. *see* Lugscheider, E. 40707
Geiman, B.J. *see* Bohs, L.N. 28183
Geiman, V.G. *see* Bochkov, V.D. 28949
Geindre, J.P. *see* Amiranoff, F. 17898
Geis, J.W. *see* Reinhardt, K.C. 18704
Geis, M.W., Twichell, J.C., Lyszczarz, T.M. Fabrication and theory of diamond emitters 12070
Geiselman, E.E., Tsou, B.H. Helmet-display resident target locator line symbology: an evaluation of vector length depiction 18641
Geiselman, E.E. *see* Meador, D.P. 18631
Geiselmann, W., Gollmann, D. Correlation attacks on cascades of clock controlled shift registers 4572
Geiser, A. *see* Karduck, A.P. 16408
Geisler, J. *see* Foster, I. 35731
Geisler, T. *see* Jakobsen, C. 48964
Geissel, H. Experiments with relativistic exotic nuclei at the FRS-ESR facilities 7730
Geist, T., Wursching, E., Hartfuss, H.-J. Multichannel millimeter wave interferometer for W7-AS 36873
Geist, T. *see* Dryagin, Yu. 11647
Geistlinger, H., Eisele, I., Flietner, B., Winter, R. Dipole- and charge transfer contributions to the work function change of semiconducting thin films: experiment and theory 27718
Geisz, J.F., Safvi, S.A., Kuech, T.F. Photoreflectance study of the long-term stability of various surface chemical treatments on (001) n-GaAs 42543
Geitner, G.-H. *see* Schonfeld, R. 52039
Geittner, P. *see* Gartner, G. 53899
Gekat, F., Idel, F., Beerwald, M., Blokesch, G., Ritenberg, F. Transmitter requirements for modern Doppler weather radars 51259
Gektin, A.V. *see* Komar, V.K. 10603
Gektin, V., Bar-Cohen, A. Mechanistic figures of merit for die-attach materials 286
Gel, V.P. *see* Grudin, M.A. 46036
Gela, G., Kientz, H., Fox, H.J., Jr, Mitchell, J.D., Lyons, P.F. Defective insulators in live working on a 550 kV compact steel lattice tower 50616
Gela, G. *see* Kientz, H.J. 28955
Gela, G. *see* Pigini, A. 8923
Gelatos, A.V., Nguyen, B.-Y., Perry, K., Marsh, R., Peschke, J., Filipiak, S., Travis, E., Thompson, M., Saaranen, T., Tobin, P.J., Mogab, C.J. Copper metallization for on-chip interconnects 54511
Gelatos, J. *see* Fiordalice, R. 2434
Gelautz, M., Leberl, F., Kellerer-Pirklbauer, W. Image enhancement and evaluation: SAR layover and shadows 16915
Gelautz, M. *see* Ganster, H. 18203
Gelb, A. *see* Oakes, D.B. 12799
Gelblum, E.A., Calderbank, A.R. A forbidden rate region for generalized cross constellations 24637
Gel'buch, S.I. *see* Yarmonenko, S.P. 49772
Gelder, A.van *see* van Gelder, A.
Gelderen, P.van *see* van Gelderen, P.
Gelderland, S.M.R. *see* Young, E.W.A. 58941
Geldreich, D. *see* Sziranyi, T. 35090
Gelenbe, E. Genetic algorithms with analytical solution 52518
Gelenbe, E., Ghanwani, A., Srinivasan, V. Improved neural heuristics for multicast routing 25973
Gelenbe, E., Mang, X., Feng, Y. Diffusion cell loss estimate for ATM with multiclass bursty traffic 25859
Gelenbe, E., Seshadri, S., Srinivasan, V. Single node and end-to-end buffer control in real time 5675
Gelenbe, E., Sungur, M., Cramer, C., Gelenbe, P. Traffic and video quality with adaptive neural compression 16368
Gelenbe, E. *see* Srinivasan, V. 26027
Gelenbe, E. *see* Srinivasan, V. 46631
Gelenbe, E. *see* Yutao Feng 57521
Gelenbe, P. *see* Gelenbe, E. 16368
Gelet, J.L. *see* Duong, S. 31086
Geletneky, C. *see* Lundquist, P.M. 23446
Gelfand, M.S., Ming, Z. On rank distribution of letter frequencies in human languages 14771
Gelfand, S.B., Krogmeier, J.V., Balasubramanian, R. A tree-structured piecewise linear filter with recursive least-squares adaptation 4881
Gelfand, S.B. *see* Kadaba, S.R. 25417
Gelikonov, V.M., Stepanov, D.P., Khandokhin, P.A., Turkin, A.A., Mamaev, Yu.A., Shirokov, E.Yu. Fluctuation and dynamic characteristics of self-modulation regime in solid-state ring laser 14215
Gelikonova, V.D. *see* Klushin, A.M. 32909
Gelin, P., Wellekens, C.J. Keyword spotting for video soundtrack indexing 14920
Gelin, P. *see* Berthou-Pichavant, K. 56105
Gelin Chen *see* Chen Gelin
Gell, M.A. *see* Pointon, C.T. 16037
Geller, C. *see* Marks, S. 42627
Geller, M.R., Loss, D., Kirczenow, G. Luttinger liquids and composite fermions in nanostructures: what is the nature of the edge states in the fractional quantum Hall regime? 42103
Gellermann, W. *see* Frolov, S.V. 3761
Gellert, B., Suchecki, W., Gajowy, T. Retrofit packages for 200-MW turbogenerators 50920
Gelli, G. *see* Finelli, M. 60025
Gelli, N. *see* Fioretto, E. 59283
Gelman, N., Wood, M.L. Wavelet encoding for 3D gradient-echo MR imaging 7991
Gelmanas, G., Jurkonis, V., Gargasas, L. Is it possible to diagnose myocardial ischemia from QRS complex of 12 lead ECG? 49663
Gelmont, B. *see* Gorfinkel, V. 23932
Gelorme, J.D. *see* LaBlanca, N.C. 43380
Gelorme, J.D. *see* Shaw, J.M. 10229
Gelosh, D.S. *see* Kadrovach, B.A. 36234
Gelpey, J.C., Ozturk, M.C., Thakur, R.P.S., Fiory, A.T., Roozeboom, F. *(editors)* Rapid Thermal and Integrated Processing V. Processing 9840
Gelsema, E.S., Kanal, L.N. *(editors)* Pattern Recognition in Practice IV: Multiple Paradigms, Comparative Studies and Hybrid Systems. Proceedings of an International Workshop 51961
Gelsema, S.J., Blaauw, M., Bode, P. The influence of counting geometry and lining on the Compton continuum in well-type detectors 7800
Gelsema, S.J. *see* Blaauw, M. 49331
Gembicki, J. *see* Liptak, R. 20761
Gemello, R. Neural networks for speech recognition 24846
Gemello, R. *see* Albesano, D. 56402
Gemert, M.J.C.van *see* van Gemert, M.J.C.
Gemignani, L. A fast iterative method for determining the stability of a polynomial 10485
Gemme, C. *see* Bozzo, R. 2977
Gemme, C. *see* Bozzo, R. 13286
Gemme, C. *see* Bozzo, R. 32688
Gemme, C. *see* Bozzo, R. 32695
Gemme, C. *see* Bozzo, R. 43528
Gemme, C. *see* Bozzo, R. 43536
Gemme, G. *see* Fabbricatore, P. 13487
Gemmeke, H., Eppler, W., Fischer, T., Menchikov, A., Neusser, S. Neural network chips for trigger purposes in high energy physics 59323
Gemmill, W.H. *see* Krasnopolsky, V.M. 8449
Gemmler, A. *see* Richter, H. 53826
Gemperle, R., Murtinova, L., Kambersky, V. Experimental verification of theoretical relations for the domain structure of uniaxial ferromagnets 43648
Gemperle, R. *see* Kambersky, V. 3190
Gen, M., Liu, B., Ida, K. Evolution program for deterministic and stochastic optimizations 480
Gen, M., Tsujimura, Y., Ishizaki, S. Optimal design of a Star-LAN using neural networks 6103
Gen, M. *see* Dijin Gong 30532
Gen, M. *see* Runwei Cheng 1001
Gen, M. *see* Yin-Xiu Li 21098
Gen, M. *see* Zheng, D.W. 477
Gen, M. *see* Zhou, G. 21080
Gen-Xiang Chen *see* Chen Gen-Xiang
Genack, A.Z. *see* Kempe, M. 7935
Genbo Su *see* Zhengdong Li 33700
Genbo Su *see* Su Genbo
Genc, I., Guzelis, C. One-dimensional signal recognition by two-dimensional dynamical arrays 45835
Genc, I., Guzelis, C., Goknar, I.C. Classification of acoustical alarm signals with CNN using wavelet transformation 34757
Gencai Zhu *see* Zhu Gencai
Gencer, A.H., Dunham, S.T. Modeling of transient enhanced diffusion based on evolution of {311} defects 41895
Gencer, A.H., Dunham, S.T. A predictive model for transient enhanced diffusion based on evolution of {311} defects 42385
Gencer, N.G., Williamson, S.J. Magnetic source images of human brain functions 59567
Gencheva, K. *see* Atanassov, N. 52839
Genda, K., Doi, Y., Endo, K., Yamanaka, N. A very high-speed ATM switch architecture using internal speed-up technique 16505
Genda, K. *see* Kaizu, K. 16507
Genda, K. *see* Kawamura, T. 16489
Genda, K. *see* Yamanaka, N. 16506
Genderen, P.van *see* van Genderen, P.
Gendi Pang *see* John, S. 13984
Gendreau, K. *see* Yamashita, A. 59364
Gendry, M. *see* Del Medico, S. 17286
Gendry, M. *see* Krapf, P. 10720
Gendry, M. *see* Venet, T. 12226
Gendry, M. *see* Viktorovitch, P. 13018
Genereux, R.P., Doucette, B. Pet-coke-firing experience evolves over three decades 19548
Generie, P., Hayden, B. Estimation of the on-orbit distortion of the Mars Orbiter Laser Altimeter (MOLA II) primary mirror 36266
Generosi, R. *see* Coluzza, C. 12518
Genest, G. *see* Sabourin, R. 5590
Genest, J., Tremblay, P., Chamberland, M., Tetu, M. Mutual phase instabilities between semiconductor lasers injection-locked to a common master laser 44536
Geneva, A. *see* Hallquist, E. 50184
Geneva, A. *see* Zietz, S. 50000
Geneva, E.V. *see* Korolev, I.I. 29081
Geneves, G. *see* Frantsuz, E.T. 27198
Geneves, G.P.J. *see* Piquemal, F.P.M. 17152
Geng, C., Moritz, A., Heppel, S., Muehe, A., Kuhn, J., Ernst, P., Schweizer, H., Phillipp, F., Hangleiter, A., Scholz, F. Influence of order-domain size on the optical gain of AlGaInP laser structures 40459
Geng, C. *see* Alsina, F. 41915
Geng, C. *see* Burkard, M. 42062
Geng, C. *see* Gauggel, H.-P. 23903
Geng, C. *see* Kuhn, J. 55661
Geng, C. *see* Moritz, A. 55633
Geng, L., Boguslavsky, L.I., Kovalev, I.P., Sahni, S.K., Kalash, H., Skotheim, T.A., Lee, H.S., Laurinavicius, V. Amperometric biosensors based on dehydrogenase/NAD and heterocyclic quinones 36714
Geng, N., Wiesbeck, W. PEM coverage predictions compared to measurements 34042
Geng, N.Von *see* Von Geng, N.
Geng, Z., Asano, C., Ichimura, M., Tao, F., Wan, K., Kuroda, M. Partial imputation method in the EM algorithm 436
Geng Jihong *see* Jihong Geng

Geng Rongli, Song Jinhu, Yu Jin Studies on a laser driven photoemissive high-brightness electron source and novel photocathodes 59188
Geng Wang *see* Sivertsen, J.M. 32838
Geng Wanzhen *see* Zhao Feng 44825
Geng Xinhua *see* Wang Baohui 33232
Geng Xinhua *see* Wu Chunya 9562
Geng Yang *see* Fortin, M. 12855
Geng-Sheng Kuo A new generalized mechanism of secure internetworked information service creation for future personal communications networks. V 6539
Gengchen Shi *see* Shi Gengchen
Gengguo Wang *see* Wang Gengguo
Genghini, M., Pirani, S., Zanasi, R. Hypertext-based on-line guide to electrical measurement laboratory practice with instrument simulation 52044
Gengmin Zhang *see* Zhang Gengmin
Gengshing Peng *see* Chihchiang Hua 51148
Gengyuan Zang *see* Zang Gengyuan
Genicot, J.-L., Alzetta, J.-P. New technique using room temperature diodes for the direct assessment of internal contamination by low energy gamma-ray emitters 49828
Genies, E. Polyaniline as an active material for rechargeable batteries 9500
Genin, F. *see* Sheehan, L. 3956
Genin, F.Y., Stolz, C.J. Morphologies of laser-induced damage in hafnia-silica multilayer mirror and polarizer coatings 55383
Genin, F.Y. *see* Kang, S.H. 42779
Genin, F.Y. *see* Kim, C.-U. 54503
Genin, Y. *see* Atallah, M.J. 57246
Genis, V. *see* Shankar, P.M. 7980
Genji, T. *see* Kurioka, H. 60375
Genji, T. *see* Okuda, H. 60828
Genji, T. *see* Sawada, K. 60829
Genjima, Y. *see* Watanabe, M. 51502
Genkin, A.M. *see* Belous, M.V. 42068
Genkin, A.M. *see* Belous, M.V. 55443
Genkina, V.K. *see* Belous, M.V. 42068
Genkina, V.K. *see* Belous, M.V. 55443
Genming Gin *see* Gin Genming
Gennai, A. *see* Luiten, A.N. 48500
Gennarelli, C. *see* Bucci, O.M. 34181
Gennari, S., Attolini, G., Pelosi, C., Lottici, P.P., Ricco, F., Labardi, M., Allegrini, M., Frediani, C. Raman scattering study and AFM morphological characterization of MOVPE-grown (111)-strained heterostructures 10839
Gennari, S. *see* Zeng, W. 22319
Gennaro, G., Malvestio, M., Zanella, G., Zannoni, R. Scintillating optical fibers in mammography 37668
Gennaro, R. *see* Canetti, R. 4517
Gennaro, S.Di *see* Di Gennaro, S.
Gennissen, P.T.J. *see* Bell, T.E. 23032
Genno, H. *see* Fujiwara, Y. 49405
Gennser, U., Zaslavsky, A., Grutzmacher, D.A., Gassot, P., Portal, J.C. Uniaxial stress effects on a $Si/Si_{1-x}Ge_x$ double-barrier resonant tunnelling structure studied by magnetotunnelling spectroscopy 2162
Genoe, J. *see* Van Hoof, C. 13887
Genon, A. *see* Dular, P. 44929
Genon, A. *see* Dular, P. 44931
Genon, A. *see* Remacle, J.-F. 44934
Genon-Catalot, D. *see* Lang, T. 17332
Genoud, D. *see* Bornet, O. 46966
Genovese, C. *see* Eddy, W.F. 8035
Genovese, G. *see* Azzopardi, D. 52168
Gensheng Sun *see* Sun Gensheng
Gentet, M.C. *see* Ghis, A. 53081
Gentet, M.C. *see* Nail, M. 33259
Gentile, A. *see* Cat, H.H. 55355
Gentile, A. *see* Wills, D.S. 3657
Gentile, G., Meo, S., Ometto, A., Rotondale, N. Analysis of stator failures in linear induction machines 19767
Gentile, G., Rotondale, N., Tursini, M., Franceschini, G., Tassoni, C. Fault operations of inverter-fed induction motor 20134
Gentile, J. *see* Chen, W. 231
Gentile, P. *see* Mula, G. 13706
Gentile, P. *see* Mula, G. 31999
Gentile, S. *see* Nuccio, P. 61018
Gentili, G.Biffi *see* Biffi Gentili, G.
Gentili, G.G. Improved Green's function formulation for the analysis of rectangular stacked patch antennas enclosed in a cavity 34295
Gentili, G.G., Garcia-Castillo, L.E., Salazar-Palma, M., Perez-Martinez, F. Green's function analysis of single and stacked rectangular microstrip patch antennas enclosed in a cavity 45454
Gentili, G.G. *see* Alonso, J.I. 26612
Gentili, G.G. *see* Garcia-Castillo, L.E. 4394
Gentili, G.G. *see* Macchiarella, G. 41399
Gentili, K.L. *see* Calkins, D.E. 20704
Gentili, M. *see* Di Fabrizio, E. 1845
Gentili, M. *see* Di Fabrizio, E. 31639
Gentili, M. *see* Di Fabrizio, E. 42886
Gentili, M. *see* Glezos, N. 32283
Gentili, M. *see* Grella, L. 44158
Gentili, M. *see* Hiroshima, H. 32268
Gentili, M. *see* Patsis, G. 42832
Gentili, P., Piazza, F., Uncini, A. Improved power-of-two sharpening filter design by genetic algorithm 15361
Gentilman, R., Fiore, D., Hong Pham-Nguyen, Serwatka, W., Pazol, B., Near, C., McGuire, P., Bowen, L. 1-3 piezocomposite smart panels for active surface control 17289
Gentilman, R. *see* Bowen, L. 43593
Gentilman, R. *see* Corsaro, R.D. 18972
Gentilman, R.L., Bowen, L.J., Fiore, D.F., Pham, H.T., Serwatka, W.J. Injection molded 1-3 piezocomposite velocity sensors 18971
Gentilman, R.L. *see* Pazol, B.G. 18368
Gentilman, R.L. *see* Ting, R.Y. 13342
Gentilnan, R. *see* Corsaro, R.D. 17320
Gentinne, B., Flandre, D., Colinge, J.-P., Van De Wiele, F. Measurement and two-dimensional simulation of thin-film SOI MOSFETs: intrinsic gate capacitances at elevated temperatures 2674
Gentinne, B. *see* Dessard, V. 11573
Gentle, D.G. *see* Liang, W. 56143
Gentric, S. *see* Garcia-Salicetti, S. 25755
Gentsch, D., Dullni, E. Degassing of materials inside a vacuum interrupter, measurements by residual-gas analysis and calculations 29479
Genty, F., Almuneau, G., Chusseau, L., Boissier, G., Malzac, J.-P., Salet, P., Jacquet, J. High reflectivity Te-doped GaAsSb/AlAsSb Bragg mirror for 1.5 μm surface emitting lasers 24013
Gentzlinger, R. *see* Lawrence, G. 49177
Genuchten, M.van *see* van Genuchten, M.
Genxiang Chen *see* Chen Genxiang
Genyu, Y. *see* Wenyung, K. 28014
Genyu Huang *see* Huang Genyu
Genyuan Wang, Zheng Bao, Xiaobing Sun Inverse synthetic aperture radar imaging of nonuniformly rotating targets 6984
Genz, H. *see* Dobert, S. 37145
Genz, O., Lohrengel, M.M., Schultze, J.W. Fast charge-discharge kinetics in intrinsically conducting polymers–intercalation and film relaxation 9503
Genzlinger, R. *see* Garnett, R.W. 17896
Geohegan, D.B., Puretzky, A.A. Dynamics of laser ablation for thin film growth by pulsed laser deposition 10744
Geohegan, D.B., Puretzky, A.A. Species-resolved imaging and gated photon counting spectroscopy of laser ablation plume dynamics during KrF-and ArF-laser PLD of amorphous diamond films 10864
Geohegan, D.B. *see* Lowndes, D.H. 10745
Geohegan, D.B. *see* Lowndes, D.H. 21317
Geohegan, D.B. *see* Rouleau, C.M. 10746
Geok-Leong Tan, Chuan-Yau Hoo, Gerard Chew, Jim-Hee Low, Nam-Beng Tay, Chakravorty, K.K., Thiam-Beng Lim Reliability assessment of BGA packages 192
Geok-Lian Oh *see* Kah-Chye Tan 45955
Geon Kyeong Mun *see* Mun Geon Kyeong
Geon Sa-Gong *see* Jung-Hak Park 28687
Georg, D., Dutreix, A. A formalism to calculate the output ratio in a mini-phantom for a GE multileaf collimator 49778
Georgadze, A.Sh., Danevich, F.A., Zdesenko, Yu.G., Kuts, V.N., Kobychev, V.V., Kropivyanskii, B.N., Muzalevskii, V.V., Nikolaiko, A.S., Ponkratenko, O.A., Tretyak, V.I., Burachas, S.F., Ryzhikov, V.D., Sai, A.S., Sol'skii, I.M. Cadmium tungstate scintillators of large volume 18101
Georganas, N.D. *see* Fan, Y. 46542
Georganas, N.D. *see* Qian, K. 16417
Georgantzis, G.J., Hatziargyriou, N.D., Leonidaki, E.A. Transient simulation of series compensated EHV transmission lines for short-circuit studies 8895
George, A.D., Cook, S.W., Jr. Distributed simulation of parallel DSP architectures on workstation clusters 25007
George, A.G., Krusius, J.P., Granitz, R.F. Packaging alternatives to large silicon chips: tiled silicon on MCM and PWB substrates 294
George, B. Potential and perspectives for RES exploitation in autonomous grids [renewable energy] 19641
George, D., Fews, H., McCall, M. Enhanced wide-bandwidth wavelength conversion via feedforward photomixing in semiconductor laser amplifiers 26700
George, D.S., McCall, M.W. Wavelength conversion schemes using semiconductor lasers 14317
George, D.St. *see* St. George, D.
George, D.T. *see* Cheever, E.A. 59795
George, E. *see* Harris, N.D. 49374
George, E.Bryan *see* Bryan George, E.
George, G., Rohling, S. The effects of changes in substation no-load voltage 61272
George, G. *see* Cash, G. 43564
George, G. *see* Denham, H. 10985
George, J., Deepukumar, M., Vasudevan, K., Mohanan, P., Nair, K.G. A method for lowering the resonant frequency of a rectangular microstrip antenna 34429
George, J., Dey, S., Mohanan, P., Nair, K.G. A modified compact circular patch antenna 4392
George, J., Mohanan, P., Vasudevan, K., Nair, K.G., Pinto, R., Rao, M.S.R., Vijayaraghavan, R. Design and development of a high Tc superconducting low pass filter at microwave frequencies 1556
George, J. *see* Deepukumar, M. 34358
George, J.M. *see* Piraux, L. 43635
George, M. *see* Schwartzenberg, J.W. 19902
George, M.A., Hess, D.W., Beck, S.E., Young, K.M., Roberts, D.A., Vrtis, R., Voloshin, G., Bohling, D.A., Lane, A.P. Reaction of 1,1,1,5,5,5-hexafluoro-2,4-pentanedione (H^+hfac) with iron oxide thin films 42467
George, M.A. *see* Beck, S.E. 42443
George, M.A. *see* Beck, S.E. 42523
George, M.A. *see* Chen, K.-T. 12619
George, M.A. *see* Kang, W.P. 53964
George, N. Lensless electronic imaging 17522
George, P.L. Improvements on Delaunay-based three-dimensional automatic mesh generator 52579
George, P.L. *see* Borouchaki, H. 40260
George, P.L. *see* Borouchaki, H. 40261
George, R., Curry, M. A robust acoustic Doppler velocimeter for use in severe environments 50118
George, R.A. *see* Bessette, N.F. 51523
George, R.T. *see* De Ramirez, L.M. 20487
George, S.M. *see* Klaus, J.W. 40554
George, S.M. *see* Ott, A.W. 10876
George, T. *see* Wappelhorst, M.H. 48330
Georges, J.B. *see* Cutrer, D.M. 58363
Georges, J.B. *see* Vassilovski, D. 14149
Georges, L. *see* Ulmer, L. 40649
Georges, M.P., Lemaire, P.C. Holographic interferometry using photorefractive crystals: recent advances and applications 14423
Georges, P. *see* Balembois, F. 23865
Georges, P. *see* Balembois, F. 55571
Georges, P. *see* Falcoz, F. 33450
Georges, P. *see* Faloss, M. 23767
Georges, T. Recent advances on soliton systems 16754
Georges, T., Borg, M. Study of the continuum generated by in-line filtering of solitons 55823
Georges, T., Charbonnier, B. Reduction of the dispersive wave in periodically amplified links with initially chirped solitons 26713
Georges, T. *see* Charbonnier, B. 6736
Georges, T. *see* Charbonnier, B. 47898
Georges, T. *see* Favre, F. 47899
Georges, T. *see* Favre, F. 47963
Georges, T. *see* Lebref, R. 33408
Georges, T. *see* Lebref, R. 55538
Georges, T.M., Harlan, J.A. The first large-scale map of ocean surface currents made with dual over-the-horizon radars 50138
Georges, T.M. *see* Harlan, J.A. 50153
Georgescu, A. *see* Ionescu, F. 48528
Georgescu, G. *see* Gavrilas, M. 9448
Georgescu, N. *see* Presura, R. 23192
Georgescu, N. *see* Zoita, V. 29481
Georgescu, S.S. *see* Mihnea, A. 12927
Georgevich, A. *see* Hodgson, A.J. 7440
Georghiades, C.N., Jae Choong Han Sequence estimation in the presence of random parameters via the EM algorithm 46534
Georghiades, C.N. *see* Han, J.C. 47711
Georghiades, C.N. *see* Velidi, R. 36197
Georghiades, C.N. *see* Yuan, W.S. 34504
Georgi, B. *see* Hoff, R.M. 28618
Georgi, R. Microcontroller designed for control and driving of stepping motors 19774
Georgiades, N.P., Polzik, E.S., Kimble, H.J. Frequency metrology via quantum interference in two-photon excitation 27377
Georgiadis, L., Szpankowski, W., Tassiulas, L. Stability analysis of quota allocation access protocols in ring networks with spatial reuse 57649
Georgiadis, L. *see* Serpanos, D.N. 6320
Georgiadis, P. *see* Anagnostopoulos, D. 47129
Georgiev, V. *see* Gurova, A.E. 31037
Georgiev, Zh.D. *see* Savov, V.N. 50988
Georgieva, A. *see* Hallin, C. 54261
Georgieva, J.K. *see* Shumov, D.P. 43887
Georgievskii, A.M., Gromov, D.V., Dudinov, K.V., Es'kov, G.V., Zaitsev, G.M., Ivanov, Yu.A., Lubyshev, D.I., Malyshev, K.V., Mal'tsev, P.P., Mikhal'chenkov, A.G., Perunov, Yu.M., Popov, N.D., Preobrazhenskii, V.V., Fedorkova, N.V. Possible applications of a resonant-tunneling diode in microwave ICs 31513
Georgii, R. Kernstruktur von ^{124}Te. Zweifrequenz-Interferometer fuer Kristallspektrometer. (Nuclear structure of ^{124}Te. Two-frequency interferometer for crystal spectrometer) 18163
Georgiou, G., Boudouvis, A., Poullikkas, A. Comparison of two methods for the computation of singular solutions in elliptic problems 52577
Georgiou, G. *see* Cohen, F.S. 49411
Georgiou, G. *see* Cohen, F.S. 59421
Georgiou, G.E. *see* Bevk, J. 22973
Georgiou, G.E. *see* Schiml, T. 22974
Georgopoulos, C.J. *see* Karagiannidis, G.K. 26586
Georgopoulos, L. *see* Lachiq, A. 20024
Georgoulas, N. *see* Dimitriadis, E.I. 44233
Georgoulas, N. *see* Magafas, L. 32364
Georgsson, G. *see* Bojsen, J. 18173
Geppert, L. Solid state [development forecast] 22922
Geppert, R. *see* Rogalla, M. 32358
Geppetti, L. *see* Fiore, L. 49629
Ger, M. *see* Karamete, B.K. 10577
Gera, A.E. The modified exponentiated-Weibull distribution for life-time modeling 52347
Gerace, G.C. *see* Barnhart, G.A. 33937
Gerace, G.C. *see* Floyd, V.M., Jr. 36210
Geraci, A., Ripamonti, G., Pullia, A. Self-calibration and self-optimization in DSP-based high resolution spectroscopy systems 59346
Geraci, A. *see* Gatti, E. 18133
Geraci, A. *see* Gatti, E. 56465

Geraci, M. *see* Aiello, S. 1483
Geraci, M. *see* Aiello, S. 49328
Geradts, Z.J., Dofferhoff, G., Visser, R. Using high-speed video in ballistic experiments with crossbows 56647
Geraets, W.G.M., Van Der Stelt, P.F., Lips, P., Elders, P.J.M., Van Ginkel, F.C., Burger, E.H. Orientation of the trabecular pattern of the distal radius around the menopause 49566
Geraets, W.G.M. *see* Korstjens, C.M. 49551
Geraghty, D.F., Lee, R.B., Vahala, K.J., Verdiell, M., Ziari, M., Mathur, A. Wavelength conversion up to 18 nm at 10 Gb/s by four-wave mixing in a semiconductor optical amplifier 44696
Geraghty, D.F. *see* Hunziker, G. 14152
Gerald, J. *see* Alverson, G. 18085
Geraniotis, E., Chang, Y.-W., Yang, W.-B. Optimal strategies for admitting voice and data traffic in networks of LEO satellites using CDMA 26669
Geraniotis, E. *see* Chih-Hsien Chou 35447
Geraniotis, E. *see* Fruth, F. 6513
Geraniotis, E. *see* Wai Chung Chan 5685
Geraniotis, E. *see* Wai-Chung Chan 46650
Geraniotis, E. *see* Yu-Wen Chang 36035
Gerard, B. *see* Parillaud, O. 10704
Gerard, F. *see* Plais, A. 44571
Gerard, J.F. *see* Kranbuehl, D. 11003
Gerard, P. *see* Moezzi, S. 48244
Gerard, P. *see* Pochet, T. 59383
Gerard Chew *see* Geok-Leong Tan 192
Gerardi, C. *see* Lovergine, N. 40395
Gerardi, C. *see* Verardi, P. 40626
Gerasimov, A. *see* Burov, A. 18003
Gerasimov, V.A., Klimkin, V.M. Pulsed-laser television projector 7063
Gerasimov, Yu.A. *see* Aleksandrov, G.N. 28927
Gerasimova, L.A. Interference measurement of refractive index in blanks for gradient-index optics 27948
Gerasimova, L.A., Fedorov, A.V. New interferometric method for measuring refractive index distribution in GRIN optical blanks 17852
Geraskin, O. *see* Deksnis, G. 8986
Gerasym, V.V. *see* Romanyuk, B.N. 2328
Geravanchizadeh, M. *see* Mecklenbrauker, C.F. 28657
Gerbaud, L., Bolopion, A., Bigeon, J. Symbolic and object oriented approach for the simulation of electric drives 39286
Gerbaud, L. *see* Bouche, J.M. 60883
Gerbaud, L. *see* Lechevalier, C. 38891
Gerbe, V. *see* Nail, M. 33259
Gerben, G.J. *see* Zhiqiang Zeng 56810
Gerber, C. *see* Berger, R. 48476
Gerber, C. *see* Christen, H.-M. 52682
Gerber, G. *see* LeBlanc, D.J. 4984
Gerber, G. *see* LeBlanc, D.J. 20206
Gerber, H., Rachford, J. Electromagnetic processing of liquid steel 39448
Gerber, H.A. *see* Wagner, P. 39892
Gerber, H.A. *see* Wagner, P. 39898
Gerber, J. *see* Schreiber, W. 17768
Gerber, K.A. *see* Lehecka, T. 23734
Gerber, P. *see* Schreiber, R. 9662
Gerber, R., Krist, P., Tarrant, L. The retention of strongly magnetic particles in single wire HGMS 4212
Gerber, R., Nagel, N.-H. Knowledge representation for the generation of quantified natural language descriptions of vehicle traffic in image sequences 57326
Gerber, R., Nissel, T., Wener, H.-G., Willmann, A., Huebener, R.P., Koelle, D., Gross, R. Liquid nitrogen cooled sample stage for scanning electron microscopy using a superconducting $YBa_2Cu_3O_{7-\delta}$ shield 41807
Gerber, R. *see* Alff, L. 23416
Gerber, R.E., Mansuripur, M. Tilt correction in an optical disk system 13559
Gerber, S. *see* Stoffel, D. 41122
Gerber, S.S., Patterson, R., Ray, B., Stell, C. Performance of a spacecraft DC-DC converter breadboard modified for low temperature operation 18683
Gerber, S.S. *see* Niedra, J.M. 19822
Gerber, S.S. *see* Ray, B. 19865
Gerberich, W.W. *see* Bahr, D.F. 10906
Gerberich, W.W. *see* Venkataraman, S. 10939
Gerblinger, J., Heppel, U., Meixner, H. Accurate sensors offering unrestricted recalibration and long-term stability for determining high temperatures on the basis of gas-sensitive effects of different gases on metal oxides 17340
Gerbsch, E.W. *see* Viduya, L.A. 29839
Gerbu, S. *see* Finn, S.G. 23974
Gerdes, J.W., Jr. *see* Khanna, S.M. 22258
Gerek, O.N., Altunbasak, Y. Key frame selection from MPEG video data 57354
Gerek, O.N., Cetin, A.E., Tewfik, A.H. Subband coding of binary textual images for document retrieval 57463
Gerek, O.N. *see* Cetin, A.E. 45891
Gerek, O.N. *see* Gurcan, M.N. 56769
Gerek, O.N. *see* Nafi Gurcan, M. 35367
Gerez, V. *see* Kellogg, W. 60630
Gerez, V. *see* Venkataramanan, G. 19659
Gerfelder, N. Video application in multimedia systems and computer networks 16397
Gerganoff, K. *see* Rieder, P. 15305
Gergaud, P. *see* N'Guy, K. 33196
Gergic, B., Caf, M., Pavlic, A., Cucej, Z. Automatic testing of refrigerators and freezers 61348
Gerginov, V. *see* Cartaleva, S. 13975
Gergintschew, Z., Kometzky, P., Schipanski, D. The capacitively controlled field effect transistor (CCFET) as a new low power gas sensor 36754
Gerhard, D.B., Kinsner, W. Lossy compression of head and shoulder images using zerotrees of wavelet coefficients 15496
Gerhard, G. *see* Voss, A. 16640
Gerhard, M. *see* Feldmann, K. 11897
Gerhard, T. *see* Waag, A. 23959
Gerhard-Multhaupt, R. Nonlinear optical polymer electrets 55894
Gerhard-Multhaupt, R. *see* Bauer-Gogonea, S. 4044
Gerhard-Multhaupt, R. *see* Bauer-Gogonea, S. 14342
Gerhardt, A. *see* Abrosimov, N.V. 10642
Gerhardt, D. *see* Mrowka, R. 37782
Gerhardt, J. *see* Link, A. 58692
Gerhardt, L. *see* Bukowinski, S. 15178
Gerhardt, L. *see* Bukowinski, S.J. 15512
Gerhardt, M. *see* Kirpal, G. 40342
Gerhardt, R. *see* Bahlmann, N. 13429
Gerhardt, R.A., Wanqing Cao Distinguishing bulk water from adsorbed water via dielectric measurements [silica gels] 32600
Gerhardts, R.R. *see* Ye, P. 2202
Gerhart, G., Goetz, R., Meitzler, T., Karlsen, R. Validation status of the TARDEC visual model (TVM) 19017
Gerhart, G. *see* Gorsich, D. 26976
Gerhart, G. *see* Meitzler, T. 19018
Gerhart, G.R., Bednarz, E.L., Meitzler, T.J., Sohn, E., Karlsen, R.E. Target acquisition methodology for visual and infrared imaging sensors 8693
Gerhart, G.R. *see* Meitzler, T.J. 7426
Gerhart, G.R. *see* Meitzler, T.J. 25315
Gerhold, J., Hubmann, M., Telser, E. About the size effect in LHe-breakdown 23142
Gerhold, V. *see* Yordi, B. 60601
Geri, A., Salvini, A., Veca, G.M. Connection of MHD generator to high voltage AC lines 20050
Geri, G.A. *see* Wetzel, P.A. 7940
Geri, G.A. *see* Wetzel, P.A. 59867
Geri, I., Ozkul, C. Conjugation fidelity of double phase-conjugate mirrors in photorefractive materials with two-center transport 4085
Geria, M., Kannan, B., Kwan, B., Palnati, P., Walton, S., Leonardi, E., Neri, F. Quality of service support in high-speed, wormhole routing networks 57907
Gerich, E. *see* Harris, S.R. 6203
Gerig, G. *see* Brechbuhler, C. 18381
Gerigan, C. *see* Ogrutan, P. 9340
Gerikh, V.P., Portnoi, M.G., Okin, A.A., Beim, R.S., Litkens, I.V., Syromyatnikov, S.Yu., Filippova, N.G., Shtrobel, V.A. Investigation of the dynamic properties of a power system of longitudinal structure 8736
Gerin, G., Vullierme, B., van Weelderen, R. Measurement of the thermohydraulic behaviour of LHC dipole prototypes after quench 49081
Gerke, R.D. Ceramic solder-grid-array interconnection reliability over a wide temperature range 41582
Gerke, R.D., Kromann, G.B. The effect of solder-joint temperature rise on ceramic-ball-grid array to board interconnection reliability: The Motorola PowerPC 603™ and PowerPC 604™ microprocessors and MPC105 Bridge/Memory Controller 30281
Gerken, M. *see* Krauss, H. 15146
Gerken, P. Source model of the MPEG-4 video verification model and progressive source models 5228
Gerl, S., Levi, P. 3-D human face recognition by self-organizing matching approach 46283
Gerla, M. *see* Leonardi, E. 6144
Gerla, M. *see* Palnati, P. 47190
Gerlach, D. Transmit antenna beamforming for the Advanced Mobile Phone System 16567
Gerlach, D., Paulraj, A. Base station transmitting antenna arrays for multipath environments 4407
Gerlach, G. *see* Schroth, A. 17263
Gerlach, G. *see* Schroth, A. 27456
Gerlach, M., Onken, R., Prevot, T., Ruckdeschel, W. The cockpit assistant system CASSY–design and in-flight evaluation 59879
Gerlach, P. *see* Becks, K.H. 59228
Gerlach, S. *see* Schuppen, A. 26555
Gerlach, W. *see* Reznik, D. 41812
Gerland, C., Lacroix, A. Estimation of vocal tract areas from fluently spoken text 34686
Gerland, H.E. Intelligence on board–modern approach to transit fleet management 58129
Gerlando, A.D., Vistoli, I. DC polarized current transformers for the measurement of harmonic noise 29368
Gerloff, C., Toro, C., Uenishi, N., Cohen, L.C., Leocani, L., Hallett, M. Steady-state movement-related cortical potentials: a new approach to assessing cortical activity associated with fast repetitive finger movements 59642
Germain, J.-L. *see* Dorr, R. 19525
Germain, K.M.St. *see* St. Germain, K.M.
Germain, M. *see* Gurskii, A.L. 40476
Germain, O., Refregier, P. Optimal snake-based segmentation of a random luminance target on a spatially disjoint background 15689
Germain, O. *see* Wosinski, L. 5204
German, A. *see* Shalem, S. 33045
German, F. *see* Ommodt, K. 34436
German, I. Short kernel fifth-order interpolation 56575
German, M.L., Nekrasov, N.P., Nogotov, E.F. Influence of scattering in the absorbing line structure in two-phase media 4230
German, N., Yannacopoulos, S. Environmental effects on the mechanical integrity of optical fibers 55229
German, R.F. *see* Holloway, C.L. 34112
German, R.M. *see* Hongerholt, D.D. 20982
German, W., Vaughn, B.V. Techniques for monitoring intrathoracic pressure during overnight polysomnography 37603
Germanenko, I.N., Kapitonov, A.M., Byck, A.P., Aksyonov, A.M., Kravtsevich, I.I., Gaponenko, S.V. High sensitive laser spectrometer with optical multichannel analyser 14505
Germanova, K. *see* Donchev, V. 12235
Germer, T.A., Asmail, C.C. Proposed methodology for characterization of microroughness-induced optical scatter instrumentation 48905
Germond, A. *see* Buchenel, B. 19249
Germond, M. *see* Rink, K. 4176
Gerna, D. *see* Brattoli, M. 25769
Gernegross, D. *see* Huish, P. 26389
Gerner, J. *see* Wu, R. 31268
Gerner, S.D., Ross, W.J., Sirard, M.L. A high temperature test program for VRLA batteries 51475
Geronimo, G.De *see* De Geronimo, G.
Geronimo, J.S. *see* Donovan, G.C. 25057
Geronimo, J.S. *see* Xiang-Gen Xia 15371
Gerosa, G. *see* Alvarez, J. 1193
Gerosa, G. *see* Sanchez, H. 41233
Gerosa, G. *see* Voldman, S.H. 31278
Gerpott, T.J. Strategy adaptations of alternative carriers and resellers in the German telecommunications market 5909
Gerr, V.V. *see* Stolypko, A.L. 54069
Gerrand, J. Now for the hard part–business success from technology 46842
Gerrish, A.M. *see* Jia, F. 6809
Gerrish, V. *see* Cross, E.S. 37304
Gerritsen, K.G.M., van den Bogert, A.J., Hulliger, M. Direct dynamics simulation of FES-assisted locomotion 18531
Gerritsen, M.G.J.M. *see* Baljon, M.H. 37935
Gerritson, S.L. Ozone Transport Assessment Group: recommended control strategies 28666
Gerry, C.C. Proposal for a mesoscopic cavity QED realization of the Greenberger-Horne-Zeilinger state 13905
Gersak, B. *see* Trobec, R. 49751
Gersch, G. *see* Newell, J.M. 1871
Gersch, W., Kitagawa, G. Smoothness priors analysis of quasi-periodic time series 15182
Gerschutz, J. *see* Shao, H. 2219
Gersem, P.De *see* De Gersem, P.
Gersemsky, F. *see* Bin Yang 25031
Gersh, D. *see* Williamson, S. 9231
Gershenfeld, N. *see* Zimmerman, T.G. 48801
Gershenzon, E. *see* Kawamura, J. 43870
Gershenzon, E.M. *see* Verevkin, A.A. 2098
Gershman, A.B., Bohme, J.F. Joint estimation strategy with application to eigenstructure methods 4679
Gershman, A.B., Bohme, J.F. Improved DOA estimation via pseudorandom resampling of spatial spectrum 34764
Gersho, A. *see* De Martin, J.C. 14900
Gersho, A. *see* Kumar, A. 45683
Gersho, A. *see* Miller, D. 15975
Gersho, A. *see* Rao, A. 24656
Gershoni, D. *see* Harris, T.D. 2047
Gershtein, Y. *see* Akchurin, N. 37257
Gerson, D.J., Wood, S.E. The RADIUS testbed system 57373
Gerstacker, W.H., Huber, J.B. Maximum SNR decision-feedback equalization with FIR filters: filter optimization and a signal processing application 5687
Gerstel, O. On the future of wavelength routing networks 16458
Gerstel, O., Cidon, I., Zaks, S. The layout of virtual paths in ATM networks 25868
Gersten, E. *see* Hadar, O. 15944
Gerstenberg, H. *see* Hagedorn, D. 49219
Gerstenberg, H. *see* Reed, R. 52850
Gerstenhofer, G.F.M., Heinz, D. Isar-Amperwerke implement network safety computations and automatic reactive power optimisation 19138
Gerstenmaier, T. *see* Franke, T. 43080
Gerstenmaier, Y.C., Scheller, G.J.E., Hierholzer, M. Short circuit ruggedness, switching and stationary behaviour of new high voltage IGBT in measurement and simulation 43037
Gerstenmayer, J.-L. *see* Gigot, J.-F. 37352
Gerstenmayer, J.L., Gigot, J.-F., Vibert, P., Cuzin, M., Peyret, O., le Dain, L., Mathy, F., Verger, L. Pixellized CdTe MeV-camera for flash radiography 37351
Gerster, J., Schneider, J.M., Ehret, C., Limmer, W., Sauer, R., Heinecke, H. Micro-Raman characterization of the electronic properties of Si-doped GaAs layers grown on patterned substrates 22220

Gerstl, A., Karisch, S.E. Cost optimization for the slitting of core laminations for power transformers 51073
Gerstl, S.A.W. Angular signatures, and a space-borne measurement concept 8315
Gerstl, S.A.W. *see* Borel, C.C. 18796
Gerstoft, P. *see* Hermand, J.-P. 18862
Gertners, A., Zagursky, V., Saldava, D. Behavior model of mixed ADC systems 21772
Gertsbakh, I., Kordonsky, K.B. Choice of the best time scale for preventive maintenance in heterogeneous environments 52359
Gertsenshteyn, M., Ben-Yosef, N. Color direct vision image intensifier 48673
Gervais, M., Diagne, A. Formalization of service creation in intelligent network 35793
Gervais, M.-P., Jabbari, B. A framework for mobility in wireless personal communications 6565
Gervasio, G. *see* Lou, K. 7818
Gerwe, D.R., Plonus, M.A., Elsebelgy, B.H. Speckle imaging of coherent sources 5216
Gerwens, A., Simon, M., Buse, K., Kratzig, E. Activation of cerium-doped strontium-barium niobate for infrared holographic recording 24299
Ges, J.A. *see* Ryabtsev, G.I. 3887
Gesbert, D., Duhamel, P., Mayrargue, S. A bias removal technique for the prediction-based blind adaptive multichannel deconvolution 5704
Gesbert, D., Duhamel, P., Mayrargue, S. Blind least-squares approaches for joint data/channel estimation 46554
Geschonke, G. Superconducting structures for high intensity linac applications 49070
Geschwind, H. *see* Carlier, S. 37690
Gesell, L.H., Evanko, S.M. True time-delay beamforming using Bragg grating resonators 56497
Geselowitz, D.B. Mathematical theory behind bioelectromagnetism 49369
Geselowitz, D.B. On the use of the surface Laplacian to analyze electrocardiograms recorded on the body surface and on the heart surface 49657
Geselowitz, D.B., Crombie, P.E., Smith, S.M., Berbari, E.J. Use of surface Laplacian to extract local activation from epicardial electrograms 37777
Geselowitz, D.B. *see* Reiger, M.A. 37779
Geshiro, M. *see* Yabu, T. 43973
Geske, S. *see* Mondal, J. 41492
Gesong Chen *see* Chen Gesong
Gessner, G. *see* Iversen, K. 47445
Gessner, G.H. *see* Rosenfelder, G.H. 9975
Gessner, T., Wiemer, M., Hiller, K., Hafen, M. Bonding and metallization for a high precision acceleration sensor 27497
Gessner, T. *see* Baumann, J. 42640
Gessner, T. *see* Bertz, A. 42602
Gessner, T. *see* Beyer, R. 43228
Gessner, T. *see* Markert, M. 42705
Gessner, T. *see* Riedel, S. 40650
Gessner, T. *see* Streiter, R. 42649
Gessner, T. *see* Torres, J. 12805
Gestel, H.C.J.M.Van *see* Van Gestel, H.C.J.M.
Gestri, G. *see* De Rossi, D. 58890
Geswein, C.A. Multi-band multimode hand held radio: can performance requirements be met using commercial miniaturized components and manufacturing technologies 60143
Gete, E. *see* Moftah, B.A. 59349
Getta, J.R., McKerrow, L., McKerrow, P.J. The application of database mining techniques to data fusion in spatial databases 27922
Geudtner, D., Schwabisch, M. An algorithm for precise reconstruction of InSAR imaging geometry: Application to "flat Earth" phase removal, phase-to-height conversion, and geocoding of InSAR-derived DEMs 18814
Geudtner, D. *see* Vachon, P.W. 18895
Geukes, A. *see* Apostolopoulos, N. 6219
Geum-Bae Cho, Hyung-Lae Baek, Jong-Gyu Hwang, Hong-Sung Kim, Hyung-Soo Mok, Gyu-Ha Choe Reduction method of detected noise for voltage regulated current-fed power filter 29516
Geun Jeong Dong *see* Dong Geun Jeong
Geun Jung Chan *see* Chan Geun Jung
Geun Kim Hae *see* Hae Geun Kim
Geun Kim Jeong *see* Jeong Geun Kim
Geun Kim Tae *see* Tae Geun Kim
Geun Lee Seong *see* Seong Geun Lee
Geun Ok Park *see* Jung Woon Lee 50750
Geun Yoon Chan *see* Chan Geun Yoon
Geun-Hong Kim *see* Seung-Man Park 33262
Geun-Young Yoon, Jitsuno, T., Kato, Y., Nakatsuka, M. High-aspect-ratio line focus for an X-ray laser by a deformable mirror 33600
Geurts, J. *see* Behet, M. 10690
Geurts, J. *see* Tuemmler, J. 52668
Geurts, J. *see* Wagner, V. 797
Geva, A.B., Gath, I. Decision making in electromyography using wavelet-type analysis and fuzzy clustering 28319
Geva, A.B., Pratt, H., Zeevi, Y.Y. Multichannel wavelet-type decomposition of evoked potentials: model-based recognition of generator activity 49672
Geva, M. *see* Mittleman, D.M. 3537
Gevel, M.van de *see* van de Gevel, M.
Gevins, A. Modern high resolution electroencephalography 49650
Gevorgian, S., Carlsson, E., Rudner, S., Wernlund, L.-D., Wang, X., Helmersson, U. Modelling of thin-film HTS/ferroelectric interdigital capacitors 11755
Gevorgian, S. *see* Carlsson, E. 24537
Gevorgian, V. *see* Muljadi, E. 29193
Gevorkian, D.Z. *see* Astola, J.T. 15317
Gevorkian, D.Z. *see* Atourian, S.M. 5523
Gevorkyan, A., Smirnova, G., Khutorshchikov, V. Durability of spectral lamps with vapors ^{87}Rb for optically pumped frequency standards 27276
Gevorkyan, A. *see* Al'shina, A. 27937
Gevorkyan, A.G. *see* Gouzhva, Y.G. 27938
Gevorkyan, E.T. *see* Barkova, L.V. 10051
Gewinner, G. *see* Hong, S. 10730
Gewinner, G. *see* Simon, L. 30811
Gewirth, A.A. *see* Eliadis, E.D. 40511
Geyer, H.K., Ahluwalia, R.K., Kumar, R. Dynamic response of steam-reformed, methanol-fueled, polymer electrolyte fuel cell systems 20018
Geyer, P.L. *see* Steiner, S.H. 341
Geyer, R.G., Krupka, J. Microwave behavior of ferrites: theory and experiment 23388
Geyer, R.G. *see* Krupka, J. 41427
Geyling, F. *see* Speranza, T. 22503
Geymonat, M. *see* Wirkkala, T. 35609
Geyu Lu, Miura, N., Yamazoe, N. High-temperature hydrogen sensor based on stabilized zirconia and a metal oxide electrode 27733
Geyu Lu *see* Miura, N. 17570
Geyu Lu *see* Miura, N. 17591
Gezgin, C., Heck, B.S., Bass, R.M. Simultaneous design of power stage and controller for switching power supplies 60932
Gfirtner, H. *see* Schneider, P. 59775
Gfroerer, O. *see* Ottenwaelder, D. 52654
Gfroerer, T.H. *see* Gauck, H. 44216
Gfrorer, O. *see* Scholz, F. 30829
Ggttert, I. *see* Muller, A. 55183
Ghabri, M.-K. A general Petri nets formalism 52462
Ghadiali, M.D., Poon, J.C.H., Siu, W.C. Adaptive algorithms for image enhancement based on nonlinear filtering techniques and the fuzzy property plane 35130
Ghaemi, M. *see* Binder, L. 61047
Ghaemmaghami, S., Deriche, M. Adaptive-width approximation of events in temporal decomposition based speech coding 4613
Ghaemmaghami, S., Deriche, M. A new approach to very low-rate speech coding using temporal decomposition 14902
Ghaemmaghami, S., Deriche, M., Boashash, B. Hierarchical approach to formant detection and tracking through instantaneous frequency estimation 24832
Ghaffar, A., Devarajan, V. Middle stage requirements and blocking probability validation for three stage broadcasting Clos networks 5747
Ghaffarian, R., Barela, P. CBGA/PBGA for space & military applications 322
Ghafouri-Shiraz, H., Aruga, T. The conically-shaped microlens for achieving a low coupling loss between a laser diode and a single-mode fibre 55365
Ghafouri-Shiraz, H., Lew, S.-H., Kobayashi, S., Kamata, I.N., Yamada, K. Analysis of a λ/4-phase-shifted double phase-shift-controlled distributed feedback wavelength tunable optical filter 44184
Ghafouri-Shiraz, H., Shum, P. Narrow pulse formation using nonlinear LC ladder networks 21470
Ghafouri-Shiraz, H. *see* Kykkotis, C.E. 58119
Ghafouri-Shiraz, H. *see* Lee, M.C. 33047
Ghafouri-Shiraz, H. *see* Shum, P. 14319
Ghahghahi, F. *see* Chung, T.C. 213
Ghai, N.K. Design and application considerations for motors in steep-fronted surge environments 38689
Ghaisas, S.V. *see* Harkar, A. 22752
Ghajar, R. *see* Billinton, R. 19651
Ghajar, R.F. *see* Anderson, P.M. 60436
Ghali, A., Daemi, M.F. Rotational information in shape description 35124
Ghali, F.M.A. A combined technique for elimination of islanding phenomenon [grid-connected power systems] 50839
Ghali, H. *see* Amora, A.I. 55150
Ghaly, M. *see* Averback, R.S. 12659
Ghamaty, S., Elsner, N., Wang, K., Xiang, Q. Thermoelectric performance of B_4C/B_9C heterostructures 32047
Ghamnia, M. *see* Bouslama, M. 22311
Ghanassi, M. *see* Ricard, D. 24139
Ghanayem, O., Reznik, L. A universal adaptation procedure for fuzzy controller design with the application to power system stability control 38303
Ghanayem, O., Reznik, L. A novel excitation control scheme: design and implementation 50937
Ghanbaja, J. *see* Coowar, F. 29547
Ghanbaja, J. *see* Naji, A. 29543
Ghanbaja, J. *see* Naji, A. 29566
Ghanbari, M. Postprocessing of late cells for packet video 15692
Ghanbari, M., Assuncao, P. Control of MPEG-2 video traffic in an ATM environment 57448
Ghanbari, M. *see* Assuncao, P. 15633
Ghanbari, M. *see* Assuncao, P.A.A. 25584
Ghanbari, M. *see* Assuncao, P.A.A. 35279
Ghanbari, M. *see* Assuncao, P.A.A. 56287
Ghanbari, M. *see* de Faria, S. 5176
Ghanbari, M. *see* De Faria, S.M.M. 15630
Ghanbari, M. *see* Wang, Q. 15611
Ghanbari, M. *see* Wang, Q. 57464
Ghanbari, M. *see* Wilson, D. 4937
Ghanbari, M. *see* Wilson, D. 35061
Ghandakly, A.A., Shields, M.E., Brihoum, M.E. Design of an adaptive controller for a DC motor within an existing PLC framework 38747
Ghandeharian, H. Making network survivability more affordable [ATM] 16381
Ghandeharizadeh, S., Kim, S.H., Shi, W., Zimmermann, R. On minimizing start-up latency in scalable continuous media servers 47346
Ghandeharizadeh, S. *see* Aref, W.G. 48248
Ghandi, O.P. *see* Furse, C.M. 37899
Ghanei, A., Soltanian-Zadeh, H., Windham, J.P. Automatic segmentation of hippocampus from brain MRI using deformable contours 59507
Ghanem, A.A. *see* Abdelaziz, M.E. 28007
Ghanem, R.B., Frappier, C. Spherical Bessel functions and explicit quadrature formula 39979
Ghang, P.S. *see* Mangione-Smith, W. 16466
Ghani, A. *see* Rahim, T. 45014
Ghani, A. *see* Rahim, T. 45160
Ghani, A.A. *see* Sattar, A.A. 31863
Ghani, N., Mark, J.W. Measurement-based flow control for ABR services in ATM networks 35391
Ghani, T. *see* Bohr, M. 41067
Ghanim, M.H., Tantawy, O.A., Selim, F.M. On lower separation axioms 30478
Ghannam, M., Sivoththaman, S., Poortmans, J., Szlufcik, J., Nijs, J., Mertens, R., Van Overstraeten, R. Trends in industrial silicon solar cell processes 61085
Ghannam, M.Y., Mahmoud, S.F., Nijs, J.F. A general two dimensional study of the power reflection in microwave detected photoconductance technique for lifetime measurement 31779
Ghannam, M.Y., Mahmoud, S.F., Nijs, J.F. Optimum sensitivity and two-dimensional modeling of microwave detected photoconductance decay carrier lifetime measurement 31797
Ghannouchi, F.M. A generalized calibration technique for de-embedding of microwave circuit measurements 7560
Ghannouchi, F.M. *see* Haiji, R. 27870
Ghannouchi, F.M. *see* Hajji, R. 53588
Ghanta, S. *see* Abed, M.A.A. 6126
Ghante, V., Lam, L.M., Morris, S., Yang, S.-H., Tasch, A.F., Kamenista, D., Sheng, J., Magee, C. The detailed dependence of implanted phosphorus profiles in (100) single-crystal Si on key implant parameters 12687
Ghanwani, A. *see* Gelenbe, E. 25973
Ghanwani, A. *see* Srinivasan, V. 26027
Ghanwani, A. *see* Srinivasan, V. 46631
Gharavi, A.R. *see* Zhonghua Peng 23433
Gharavi-Alkhansari, M., Huang, T.S. Fractal video coding by matching pursuit 56746
Gharaybeh, M.A., Bushnell, M.L., Agrawal, V.D. An exact non-enumerative fault simulator for path-delay faults 41042
Gharbi, A., Pellerin, R., Villeneuve, L. A simulation approach for improving the strategic planning of overhaul industries 9980
Gharbi, T. *see* Sandoz, P. 4160
Ghare, D.B. *see* Prakash, S. 22276
Gharieb, R.R. *see* Ibrahim, H.M. 56984
Gharpurey, R. *see* Charbon, E. 11114
Ghassemian, M.H. A robust on-line restoration algorithm for fingerprint segmentation 57224
Ghassemlooy, Z. *see* Kaluarachchi, E.D. 26773
Ghassemlooy, Z. *see* Wickramasinghe, V.R. 26770
Ghatage, A.K. *see* Patil, S.A. 2061
Ghatak, A.K. *see* Thyagarajan, K. 3360
Ghatak, K.P., Banerjee, J.P., Mitra, M., Nag, B. On the Einstein relation for the diffusivity-mobility ratio in n-channel inversion layers on non-linear optical materials in the presence of a parallel magnetic field: theory and suggestion for experimental determination 22470
Ghatak, K.P., Basu, D.K., Nag, B. On a simplified analysis of the carrier contribution to the elastic constants in semiconductor superlattices in the presence of crossed electric and quantizing magnetic fields 22340
Ghatak, K.P., Mitra, B., Nag, B. On the Einstein relation in ultrathin films of IV-VI compounds in the presence of a parallel magnetic field 31899
Ghatak, K.P. *see* Banerjee, J.P. 53581
Ghatak, K.P. *see* Nag, B. 42187
Ghawghawe, S.N., Ghose, D. Pure proportional navigation against time-varying target manoeuvres 8680
Ghayour, R. *see* Bakhtazad, A. 33073
Ghazanfarian, A.A. *see* Pati, Y.C. 32480
Ghazi-Moghadam, V., Kaveh, M., Nelson, L.B. A multi-element blind adaptive multiuser detector 4678
Ghazi-Moghadam, V. *see* Kaveh, M. 6666
Ghazikhanian, V. *see* Wieman, H. 59275
Ghazzar, A. *see* Mayer, J.R.R. 48886
Ghedira, S. *see* Allard, B. 53033
Gheewala, T. *see* Bhatia, S. 41020
Gheforian, A. *see* Litva, J. 34083
Gheller, J.M. *see* Golovanov, L.B. 18072
Ghenim, L., Sivco, D.L., Cho, A.Y., Hill, G. Conductance fluctuations in a double-barrier resonant-

tunneling structure with three-dimensional electrodes 2183
Gheorghisor, I.L. *see* Kahn, W.K. 36406
Gherardi, L. *see* Montanari, G.C. 13486
Gherghel, M. The photoelectrical interface processes in multilayer-type heterostructures based on II-VI semiconductors compounds and photosynthetic pigment [solar cells] 61084
Ghesquiers, J.-P. *see* Paineau, S. 13891
Ghetie, S. *see* Dutu, D.C.A. 8099
Ghetti, A., Selmi, L., Bez, R., Sangiorgi, E. Monte Carlo simulation of low voltage hot carrier effects in non volatile memory cells 43019
Ghetti, A. *see* Fischer, B. 22858
Ghetti, A. *see* Selmi, L. 43018
Gheury, J. *see* Lekane, Th. 28826
Ghezali, S., Laurent, P., Lea, S.N., Clairon, A. An experimental study of the spin-exchange frequency shift in a laser-cooled cesium fountain frequency standard 17724
Ghezali, S., Laurent, P., Lea, S.N., Santarelli, G., Bahoura, M., Simon, E., Weyers, S., Szymaniec, K., Cognet, L., Clairon, A. About the accuracy evaluation of the LPTF cesium fountain frequency standard 27316
Ghezali, S. *see* Bahoura, M. 24022
Ghezali, S. *see* Clairon, A. 27367
Ghezali, S. *see* Clairon, A. 48295
Ghezzi, C. *see* Baraldi, A. 12273
Ghezzi, S. *see* Conti, M. 25913
Ghezzi, S. *see* Fiocchi, C. 21668
Ghezzi, U., Pasini, S. Technical-economic analysis of pretreatment influence for a SMW incineration platform 29058
Ghezzi, U. *see* Coghe, A. 27391
Ghezzo, M. *see* Brown, D.M. 2841
Ghezzo, M. *see* Ramungul, N. 2690
Ghibaudo, G. *see* Jomaah, J. 42987
Ghibaudo, G. *see* Jomaah, J. 42991
Ghidaoul, D. *see* Habazaki, H. 2340
Ghidini, C., Marioli, D., Sardini, E., Taroni, A. A 15 ppm resolution measurement system for capacitance transducers 27450
Ghidini, G., Alessandri, M., Clementi, C., Drera, D., Pellizzer, F. Electrical characterization of highly reliable 8 nm oxide 42544
Ghidini, G. *see* Paccagnell, A. 22472
Ghiggino, P. *see* Tesauri, M. 47996
Ghigo, A. *see* Gallo, A. 49251
Ghigo, A. *see* Zobov, M. 49224
Ghigo, J. A brief overview of the use of evoked potentials in pediatrics 59566
Ghil, M. *see* Jin, F.-F. 21158
Ghil Byung Moon *see* Byung Moon Ghil
Ghimire, R.P. *see* Jain, M. 39931
Ghindilis, A.L., Atanasov, P., Wilkins, E. Potentiometric immunoelectrode for fast assay based on direct electron transfer catalyzed by peroxidase 27701
Ghindilis, A.L. *see* Atanasov, P. 7459
Ghinello, I. *see* Montanari, G.C. 13486
Ghinello, I. *see* Peruzzotti, F. 50584
Ghione, G., Benvenuti, A. Discretization schemes for high-frequency semiconductor device models 42904
Ghione, G., Goano, M., Naldi, C.U. A CAD-oriented model for the ohmic losses of multiconductor coplanar lines in hybrid and monolithic MIC's 53696
Ghione, G. *see* Bonani, F. 53595
Ghione, G. *see* Pillan, M. 53694
Ghioni, M., Cova, S., Zappa, F., Samori, C. Compact active quenching circuit for fast photon counting with avalanche photodiodes 1199
Ghioni, M. *see* Cova, S. 58766
Ghiorso, W. *see* Celata, C.M. 59132
Ghirardi, C. *see* Calvagno, G. 56690
Ghirmai, T. *see* Jain, V.K. 21741
Ghis, A., Cuzin, M., Gentet, M.C., Ouvrier-Buffet, P., Nail, M., Gibert, P., Husson, D., Armengaud, L., Lalande, M., Jecko, B. Single pulse analysis with a 35 GHz optical sampler 53081
Ghis, A. *see* Armengaud, L. 48529
Ghisler, C., Luthy, W., Weber, H.P. Cladding-pumping of a Tm^{3+}:Ho^{3+} silica fibre laser 3727
Ghislotti, G., Gagliardi, A., Bottani, C.E., Bertoni, S., Cerofolini, G.F., Meda, L. Characterization of SOI-SIMOX structures using Brillouin light scattering 54273
Ghisoni, M., Martinsson, H., Eriksson, N., Ming Li, Larsson, A., Bengtsson, J., Khan, A., Parry, G. 4×4 fan-out spot generator using GaAs based VCSEL's and diffractive optical element 44778
Ghita, C., Schuster, H.-G., Ghita, Z. Thermal protection of three-phase asynchronous motors 60784
Ghita, C., Staicu, M., Bocse, A., Burtea, V. Certain overloading protection of three-phase AC electrical motors, using electronic relays 60644
Ghita, R. *see* Pantelica, D. 42274
Ghita, Z. *see* Ghita, C. 60784
Ghitani, H.E., Sadik, S., Shousha, A.H. Two-dimensional analytical modelling of short-channel MOS transistors 12930
Ghiti, A., O'Neill, A.G. The effects of grain boundary diffusion anisotropy on via electromigration failure 42653
Ghiti, A. *see* Shih, W.C. 42778
Ghiti, A. *see* Shih, W.C. 42781
Ghitza, O., Monhan Sondhi, M. On the perceptual distance between speech segments 34651
Ghiyasvand, M.S., Guha, S.K., Anand, S., Deepak, K.K. A new EEG signal processing technique for discrimination of eyes close and eyes open 8057
Gho Jae-Seok *see* Jae-Seok Gho
Ghobadi, Ch., Shepherd, P.R., Pennock, S.R. An improved 2-D model for indoor radio propagation at MM frequencies 34099
Ghodosi, H., Pieprzyk, J., Charnes, C., Safavi-Naini, R. Cryptosystems for hierarchical groups 24772
Ghodosi, H. *see* Pieprzyk, J. 24766
Ghodsian, B., Chen, J.M., Parameswaran, M., Syrzycki, M. Towards an integrated sub-nanogram mass measurement system 27945
Ghodsian, B., Parameswaran, A., Syrzycki, M., Tait, N. Fabrication of affordable metallic microstructures by electroplating and photoresist molds 13187
Ghodsian, B., Syrzycki, M., Gries, G., Parameswaran, M. Microelectromechanical probe for an integrated electroantennographic system 27706
Ghodssi, R., White, V., Herdey, C., Archie, C., Denton, D.D., McCaughan, L. An optimized LIGA/MEMS process for polymer waveguides on a linear microactuator 23064
Ghogho, M., Garel, B. On AR modulated harmonics: CRB and parameter estimation 25109
Ghohui Zhou How accurate is the streamline diffusion finite element method? 40284
Gholdston, E.W., Karimi, K., Lee, F.C., Rajagopalan, J., Panov, Y., Manners, B. Stability of large DC power systems using switching converters, with application to the International Space Station 18714
Ghomi, M. *see* El-Kouhen, D. 4349
Ghoniemy, M.S. *see* Seireg, R.H. 53206
Ghoniemy, S. *see* Mohamed, A.S. 41114
Ghorai, A.K., Bhattacharya, D.P. Electron transport in GaAs at low lattice temperatures 2018
Ghorai, S.K. *see* Bandyopadhyay, S. 32029
Ghorbel, F., Daoudi, M., Mokadem, A., Avaro, O., Sanson, H. Global planar rigid motion estimation applied to object-oriented coding 5428
Ghorbel, F. *see* Fracasso, B. 14472
Ghorbel, F. *see* Mokadem, A. 5058
Ghorbel, F. *see* Zribi, M. 5126
Ghosal, S., Mehrotra, R. Robust optical flow estimation using semi-invariant local features 56701
Ghose, D. *see* Ghawghawe, S.N. 8680
Ghose, K. *see* Kamble, M.B. 53315
Ghose, R.N. Radiations from a current source at the interface of two arbitrary media and their practical utilizations 45354
Ghose, S. *see* Cunliffe, J. 7683
Ghose, S. *see* Mandal, C.A. 52975
Ghose, S.K. *see* Satyam, P.V. 32067
Ghose, S.K. *see* Sundaravel, B. 30810
Ghosh, A. Comment on "Electrical and dielectric properties of the $Bi_4Sr_3Ca_3Cu_4O_x$ (4:3:3:4) glassy semiconductor" 42001
Ghosh, A., Rohani, K. Effect of mobile power control saturation in DS-CDMA 47663
Ghosh, A. *see* Devadas, S. 11110
Ghosh, A. *see* Hazra, S. 31871
Ghosh, A. *see* Monteiro, J. 41055
Ghosh, A. *see* Monteiro, J. 41060
Ghosh, A. *see* Pal, S.K. 25539
Ghosh, A. *see* Tsutsui, S. 40092
Ghosh, A.K. Alignment considerations in the package design of optical interconnection systems 20876
Ghosh, A.K., Johnson, B.W., Profeta, J.A., III Performing fault simulation in large system design 52349
Ghosh, A.K., Lubkeman, D.L., Downey, M.J., Jones, R.H. Distribution circuit state estimation using a probabilistic approach 50528
Ghosh, A.K., Lubkeman, D.L., Jones, R.H. Load modeling for distribution circuit state estimation 50558
Ghosh, A.K. *see* De, S.S. 22305
Ghosh, A.K. *see* Kruzelecky, R.V. 33106
Ghosh, B.K., Di Xiao, Ning Xi, Tzyh Jong Tarn Multisensor based intelligent planning and control for robotic manipulators on a mobile platform 25786
Ghosh, B.K., Loucks, E.P. A realization theory for perspective systems 15701
Ghosh, B.K. *see* Di Xiao 25500
Ghosh, B.K. *see* Jankovic, M. 15699
Ghosh, B.K. *see* Tzyh-Jong Tarn 25491
Ghosh, B.K. *see* Zhou, J. 5484
Ghosh, G. Sellmeier coefficients and dispersion of thermo-optic coefficients for some optical glasses 55160
Ghosh, I., Bhawmik, S. A practical method for selecting partial scan flip-flops for large circuits 53171
Ghosh, I., Raghunathan, A., Jha, N.K. A design for testability technique for RTL circuits using control/data flow extraction 11355
Ghosh, J. *see* Chakravarthy, S.V. 15711
Ghosh, J. *see* Ramamurti, V. 25226
Ghosh, J. *see* Dagli, C.H. *(editor)* 9788
Ghosh, K., Ramesh, V.C. An options model for electric power markets 38247
Ghosh, P. *see* Grimm, T. 39699
Ghosh, S., Chowdhury, B.H. Security-constrained optimal rescheduling of real power using Hopfield neural network 19094
Ghosh, S., Jain, P.K., Basu, B.N. Analysis of an anisotropically loaded helix in the fast-wave regime for gyro-traveling-wave amplifiers 31711
Ghosh, S., Matthews, L.J., Lavelle, M.P., Miles, J.D. Operational aspects of Sizewell B high integrity piping 9016
Ghosh, S., Praveen Reddy, K., Jain, P.K., Basu, B.N. Helix thickness effects in the upper end of microwave-to-millimeter-wave frequency travelling-wave tubes 1951
Ghosh, S. *see* Banerjee, J.P. 53581
Ghosh, S. *see* Das, A.K. 48910
Ghosh, S. *see* Karnett, M. 43311
Ghosh, S. *see* Kundu, S. 32008
Ghosh, S. *see* Mahadevan, K. 31488
Ghosh, S. *see* Maly, W. 32512
Ghosh, S. *see* Saha, S.C. 41997
Ghosh, S. *see* Zhi Chao Tao 34324
Ghoshal, K. Distribution automation: SCADA integration is key 28877
Ghoshal, R., Sambasivam, M., Mukerji, P.K. Novel epoxy-based compositions for microelectronic packaging applications 52213
Ghoshray, S., Yen, K.K., Andrian, J. Modified genetic algorithms by efficient unification with simulated annealing 21112
Ghoshroy, S., DiMercurio, J., Eng, R.S., Stowe, H., Wang, Y., Corbett, F., Hasson, V.H., Kovacs, M.A., Fox, M.J., Wendt, R. Status report of an airborne CO_2 transceiver for remote sensing employing direct and coherent detection 7673
Ghoshroy, S. *see* Kovacs, M. 8676
Ghoshtagore, R.N. *see* Cresswell, M.W. 32319
Ghotra, P. *see* Giakos, G.C. 59471
Ghouz, H.H.M., El-Sharawy, E.-B. An accurate equivalent circuit model of flip chip and via interconnects 21939
Ghoy, C.S. *see* Long, H.Q. 53070
Ghozati, S.B. *see* Honsberg, C.B. 39191
Ghrieb, M. *see* Aida, M.S. 42002
Ghuman, P., Bennett, T., Soloman, J. Shrinking the cost of telemetry frame synchronization 8290
Ghuneimi, N.M. *see* Draidi, J.A. 4731
Ghuwar, M. *see* Skarbek, W. 35309
Ghyselen, C. *see* Beguenane, R. 60737
Gi Bum Kim, Hong Koo Baik, Sung Man Lee Control of Co flux through ternary compound for the formation of epitaxial $CoSi_2$ using Co/Ti/Si system 10678
Gi Byun Hyung *see* Hyung Gi Byun
Gi Cheol Park *see* Tae Young Ma 21322
Gi Eun Cho *see* Hyun Shik Kang 40495
Gi Hun Lee *see* Seung Soo Chae 7070
Gi Jeon Won *see* Won Gi Jeon
Gi Kang Moon *see* Moon Gi Kang
Gi Lee Byeong *see* Byeong Gi Lee
Gi Won Lee *see* Joo Hyun Cho 29043
Gi Xue *see* Xue Gi
Gi-Dong Lee *see* Ki Hyung Kang 58933
Gi-Ho Park *see* Oh-Young Kwon 21157
Gi-Jung Nam *see* Do-Hyun Park 23866
Gi-Seok Kim, Young-Sik Park, Kun-Weon Song, Yeong-Ho Ha Adaptive contour representation based on morphological segmentation 57059
Gi-Seok Kim *see* Young-Sik Park 57061
Gi-Taek Kim, Lipo, T.A. VSI-PWM rectifier/inverter system with a reduced switch count 29394
Giacalone, J.-P. Timing characterization flow for DSP cores: a practical example on a TMS320C54X megamodule 11459
Giachetti, A., Torre, V. The use of optical flow for the analysis of non-rigid motions 46322
Giacobino, E., Marin, F., Bramati, A., Jost, V. Quantum noise reduction in lasers 33564
Giacoletto, L.J. *see* Miller, J.M. 29783
Giacomazzi, P., Pattavina, A. Performance analysis of the ATM shuffleout switch under arbitrary nonuniform traffic patterns 5799
Giacomelli, G. *see* Cecchini, S. 7822
Giacometti, J.A., DeReggi, A.S., Davis, G.T., Dickens, B., Ferreira, G.F.L. Thermal pulse study of the electric polarization in a copolymer of vinylidene cyanide and vinyl acetate 2882
Giacomini, M. *see* Sacile, R. 18489
Giacomo, G.Di *see* Di Giacomo, G.
Giaconi, M. *see* Aureli, G. 47910
Giaconi, M. *see* Betti, S. 6731
Giaconi, M. *see* Betti, S. 26705
Giaconi, M. *see* Betti, S. 26710
Giaconia, C.G. *see* Lullo, G. 42865
Giaever, I., Keese, C.R. Cell motion and morphology measured with electric fields 49652
Giaffreda, R. *see* Gambini, P. 26440
Giakos, G.C., Ghotra, P., Pillai, B., Chowdhury, S., Vedantham, S., DiBianca, F.A., Jordan, L.M., Devidas, S., Nagarajan, S., Endorf, R.J. Line spread function study of kinestatic charge detectors operating at high gas pressures [for digital radiography] 59471
Giakoumakis, V. P_4-laden graphs: a new class of brittle graphs 460
Gialanella, L. *see* Campajola, L. 7751
Giambene, G. *see* Del Re, E. 6522
Giammanco, F., Ceccherini, P., Tagliavini, C., Malvezzi, M., Villoresi, P., Tondello, G. Coherent VUV radiation by harmonic conversion of mixed fields in gases 55901
Giammanco, F. *see* Del Gobbo, G. 3685
Giancarli, L. *see* Perez Ramirez, A.S. 52848

Giancaterino, J. Enhanced current limit in rectifiers 51210
Giancristofaro, D., Sheriff, R.E. An efficient dual-channel synchronisation scheme for the return link of CDMA mobile satellite systems 26535
Gianfelice, E. *see* Bartel, W. 37084
Gianfelici, D. Overall performance evaluation of overloaded wireless A/S DS-CDMA in realistic propagation and noise conditions 26505
Gianfelici, D. *see* Lancia, E. 26624
Giani, A., Pascal-Delannoy, F., Podlecki, J., Bougnot, G. Electrical characteristics of GaIn(As)Sb layers grown by metal organic vapor phase epitaxy 31819
Giani, A. *see* Malzac, J.P. 10712
Giani, A. *see* Malzac, J.P. 10713
Giani, A. *see* Podlecki, J. 17359
Giannakis, G.B., Heath, R.W., Jr. Blurs and perfect image restoration 56969
Giannakis, G.B., Serpedin, E. Linear multichannel blind equalizers of nonlinear FIR Volterra channels 25806
Giannakis, G.B. *see* Halford, S.D. 16003
Giannakis, G.B. *see* Halford, S.D. 34829
Giannakis, G.B. *see* Jianming Yuan 46527
Giannakis, G.B. *see* Porchia, A. 26963
Giannakis, G.B. *see* Swami, A. 4768
Giannakis, G.B. *see* Tsatsanis, M.K. 4263
Giannakis, G.B. *see* Tsatsanis, M.K. 5697
Giannakis, G.B. *see* Tsatsanis, M.K. 6489
Giannakis, G.B. *see* Tsatsanis, M.K. 16013
Giannakis, G.B. *see* Tsatsanis, M.K. 16552
Giannakis, G.B. *see* Tsatsanis, M.K. 34891
Giannakis, G.B. *see* Tsatsanis, M.K. 35471
Giannakis, G.B. *see* Tsatsanis, M.K. 58126
Giannakis, G.B. *see* Zhou, G.-T. 34897
Giannakopoulos, G.B., Vovos, N.A. A method for fast digital simulation of induction motor drive systems including the power electronic circuit 51676
Giannandrea, J. *see* Bethscheider, G. 36933
Giannantonio, R., Succi, M., Solcia, C. Combination of a cryopump and a non-evaporable getter pump in applications 41724
Giannelli, M. *see* Bollini, P. 6874
Giannessi, L. *see* Ciocci, F. 24032
Giannetta, R.W. *see* Hannan, M. 22898
Giannetta, R.W. *see* Hannan, M. 31985
Giannetti, F. Capacity evaluation of a cellular CDMA system operating in the 63-64-GHz band 36003
Giannetti, F. *see* De Gaudenzi, R. 35908
Giannini, C., Tapfer, L., Zhuang, Y., De Caro, L., Marschner, T., Stolz, W. Structural ordering and interface morphology in symmetrically strained (GaIn)As/Ga(PAs) superlattices grown on off-oriented GaAs(100) 42220
Giannini, F., Limiti, E., Orengo, G. A novel single-bias ultra-wideband monolithic pulse amplifier 53045
Giannini, G. *see* Caffau, E. 59204
Giannini, G. *see* Carpita, M. 51778
Giannini, Q. *see* Bocchetti, G. 51771
Giannini, R. *see* Cifrek, M. 37600
Giannone, L., Elsner, A., Heinrich, O., Hirsch, M. Tomography by the maximum entropy method for the W7-AS and W7-X multichannel bolometer systems 35201
Giannopoulos, E., Streit, R., Swaszek, P. Probabilistic multi-hypothesis tracking in a multi-sensor, multi-target environment 25244
Giannopoulos, E. *see* Leih, T.J. 25239
Giannotti, G. *see* White, C. 19579
Giannotti, H. *see* White, C. 19579
Giannuzzi, P. *see* Colombo, R. 37593
Gianola, P., Finotto, D., Ansbro, A.P. S-parameter analysis of multislot microstrip patch arrays: spectral domain approach 14740
Gianotti, P. *see* Benussi, L. 37231
Gianoutsos, S. W4: a World Wide Web browser with CSCW support 6137
Giapintzakis, J. *see* Studenmund, W.R. 36949
Giapis, K.P. *see* Anderson, C.M. 54489
Giapis, K.P. *see* Hwang, G.S. 42577
Giaquinta, A. *see* Ramazza, P.L. 13715
Giaquinto, N., Savino, M., Trotta, A. Detection, digital correction and global effect of A/D converters nonlinearities 1536
Giardina, C.R. *see* Hua Luo 4794
Giardini, A., Ambrico, M., Smaldone, D., Martino, R., Parisi, G.P., Capozzi, V., Perna, G. Laser ablation of highly oriented CdSe thin films and CdSe/CdTe multilayers on silicon substrates 903
Giardini, A. *see* Ambrico, M. 10865
Giardini, A. *see* Ambrico, M. 21359
Giardini, M.E. *see* Borghesi, A. 31781
Giardini, W.J. *see* Collins, J.G. 27382
Giardini Guidoni, A. *see* Mele, A. 21363
Giardoni, M. *see* Benussi, L. 37231
Giaretta, G., Li, G.S., Yuen, W., Chang-Hasnain, C.J. Novel wavelength-selective single-mirror resonant detector 36553
Giaretta, G., Li, M.Y., Li, G.S., Yuen, W., Chang-Hasnain, C.J. A very uniform single mode addressable oxide confined VCSEL array 55735
Giarola, A.J. *see* Costa, J.C.W.A. 53523
Giarola, A.J. *see* De Oliveira, L.P. 31459
Giarola, A.J. *see* Farias, R.G. 34173
Giarola, A.J. *see* Sobrinho, C.L.daS.S. 33078
Giarolla, M.H. *see* Brodskyn, H.O. 50597
Giauffret, L., Laheurte, J.-M., Papiernik, A. Study of various shapes of the coupling slot in CPW-fed microstrip antennas 45379
Giazotto, A. *see* Luiten, A.N. 48500
Gibaek Lee *see* Kyung Joo Mo 30384
Gibard, P. *see* Coquery, G. 40883
Gibart, P. *see* Beaumont, B. 10701
Gibart, P. *see* Beaumont, B. 40364
Gibart, P. *see* Calleja, E. 44213
Gibart, P. *see* Omnes, F. 9538
Gibart, P. *see* Teisseyre, H. 40442
Gibas-Tracy, D.R. Cost-effective environmental consulting using geographic information systems and remote sensing 18921
Gibb, S.G., Graumann, P.J.W., Turner, L.E. FIR filter implementation using bit-serial arithmetic and partial summation trees 21801
Gibb, S.G. *see* Turner, L.E. 11583
Gibbard, M.J. *see* He, F. 19198
Gibbard, M.J. *see* Pourbeik, P. 19274
Gibbel, M. *see* Cornford, S.L. 30388
Gibbes, A.M. *see* Shapiro, E. 27345
Gibbins, D., Newsam, G.N., Brooks, M.J. Detecting suspicious background changes in video surveillance of busy scenes 27178
Gibble, K. Collisional effects in cold alkalis 48297
Gibbon, G. *see* Aisbett, J. 25236
Gibbon, P. *see* Foerster, E. 7853
Gibbons, A. *see* Novak, L.A. 40050
Gibbons, A.S. New techniques for an old profession 20691
Gibbons, G.J., Holland, D. Polysiloxane interpenetrating network materials as electronic device encapsulants: synthesis and properties 52856
Gibbons, J.F. *see* Hung, S.C.H. 43329
Gibbons, J.F. *see* Takagi, S. 12954
Gibbons, K.P., Wolfe, J.D., Laird, R.E., Carniglia, C.K., Westra, S.W.T. Two approaches to conductive AR coatings for the display market 17666
Gibbons, M.D. *see* Hurd, D.L. 16910
Gibbs, D.L. *see* Somps, C.J. 27705
Gibbs, D.P., Krenek, B. Use of FT-IR and UV spectrometers for monitoring multiple pollutants in the lower troposphere 8522
Gibbs, H.M. *see* Berger, J.D. 44527
Gibbs, H.M. *see* Nelson, T.R., Jr. 3934
Gibbs, J.F. OpenSim/RT–a public domain simulator executive and toolkit 8717
Gibbs, J.S. *see* Swallom, D.W. 20053
Gibbs, M. *see* Gaffin, A. 47173
Gibbs, M.R.J., Shearwood, C., Dancaster, J.L., Frere, P.E.M., Jacobs-Cook, A.J. Piezomagnetic tuning of a micromachined resonator 2855
Gibbs, M.R.J. *see* Shearwood, C. 32806
Gibbs, P., Buckley, D.L., Blackband, S.J., Horsman, A. Tumour volume determination from MR images by morphological segmentation 8004
Gibbs, S.G., Miller, D.L. Inferring power consumption and electrical performance from motor speed in oil-well pumping units 39490
Giber, J. *see* Reti, F. 17592
Gibert, P. *see* Ghis, A. 53081
Gibert, P. *see* Nail, M. 33259
Giberti, R.W. *see* Nguyen, L.T. 237
Gibiansky, L.V., Torquato, S. Optimal design of 1-3 composite piezoelectrics 50211
Gibin, I.S. *see* Odinokov, S.B. 5445
Giblin, P.J. *see* Bruce, J.W. 46320
Gibney, J. *see* Gustafson, K.J. 59788
Giboney, K.S., Rodwell, M.J.W., Bowers, J.E. Traveling-wave photodetector design and measurements 58758
Giboney, K.S. *see* Hahn, K.H. 47336
Gibson, A.A.P., Sheikh, S.I., Dillon, B.M. Material independent design charts for circular ferrite devices 55067
Gibson, A.A.P. *see* Dillon, B.M. 11687
Gibson, A.J., Craig, K.H. Development of an ultraviolet lidar for measurement of tropospheric radio refractivity 36261
Gibson, C. *see* Sakuma, F. 27208
Gibson, D.R. *see* Blackwell, H. 3552
Gibson, D.R. *see* Cole, C. 3550
Gibson, G. *see* Bagen, S. 1877
Gibson, G. *see* Bagen, S. 21324
Gibson, G. *see* Bagen, S. 53866
Gibson, G. *see* Bakshi, R.K. 49974
Gibson, G. *see* Chen, S. 5686
Gibson, G. *see* Wells, G.T. 53857
Gibson, G.M., Morrison, G.R., Hansen, P.L., Dunn, M.H., Padgett, M.J. Dynamic behaviour of a doubly resonant optical parametric oscillator 44703
Gibson, J. *see* Brown, T. 57970
Gibson, J.D., Moodie, M.L., McClellan, S.A. Variable rate techniques for CELP speech coding 14878
Gibson, J.D. *see* McClellan, S. 14905
Gibson, J.D. *see* McClellan, S. 34692
Gibson, J.D. *see* Rhee, V. 5554
Gibson, J.D. *see* Ta-Hsin Li 45648
Gibson, J.M. *see* Sengupta, D.K. 54326
Gibson, J.M. *see* Xidong Chen 42357
Gibson, K. Hearing things [echo cancellation] 5948
Gibson, M.D. *see* Beringer, J. 37394
Gibson, R.C. Introduction to coupled electromagnetic and thermal field computer simulations of induction heating processes 29876
Gibson, R.J. Packaging fundamentals for ESD sensitive products 39845
Gibson, T.B., Jenn, D.C. Prediction and measurement of wall insertion loss 36833
Gichev, T.R. *see* Angelova, R.K. 40759
Gicquel, A. *see* Cella, N. 12186
Gicquel, A. *see* Foulon, F. 36560
Gicquel, A. *see* Jany, C. 31767
Gicquel, N. Bifurcation structure in a transmission system modelled by a two-dimensional endomorphism 4442
Gider, F., Tomsic, M., Kljajic, M., Bogataj, U. Influence of body position on the ankle response to functional electrostimulation 37841
Gider, F. *see* Tomsic, M. 37880
Gider, S., Shi, J., Awschalom, D.D., Hopkins, P.F., Campman, K.L., Gossard, A.C., Kent, A.D., von Molnar, S. Imaging and magnetometry of switching in nanometer-scale iron particles 3097
Gieci, A. *see* Shier, W. 30074
Giedd, J.N. *see* Rajapakse, J.C. 49545
Giedd, J.N. *see* Rajapakse, J.C. 59408
Giedd, R.E., Wang, Y.Q., Moss, M.G., Kaufmann, J. Versatile applications of ion implanted polymers 10964
Giedd, R.E. *see* Kaufmann, J. 11751
Giedd, R.E. *see* Kaufmann, J. 27564
Gielen, G. *see* Lampaert, K. 53878
Gielen, G. *see* Wambacq, P. 11060
Gielen, G. *see* Wambecq, P. 11053
Gierak, J., Vieu, C., Launois, H., Assayag, G.B., Septier, A. Focused ion beam nanolithography on AlF_3 at a 10 nm scale 42893
Gierak, J. *see* Vieu, C. 40622
Gierczak, T. Architecture of the DECTlink system for radio in the local loop 47402
Gierczak, T. CDMAlink – radio access system of Siemens 47448
Gieres, G. *see* Parhofer, S. 32802
Gieres, G. *see* Van den Berg, H.A.M. 43669
Giergiel, J. *see* Kirilyuk, A. 3154
Gierlich, H.W. The auditory perceived quality of hands-free telephones: Auditory judgements, instrumental measurements and their relationship 26398
Gierlotka, K., Grzesik, B., Nowak, A., Wojnarowski, J. Control of overhead crane drive with centred motion and elimination of the bevel 9757
Gierlotka, S. *see* Kaminska, E. 12529
Gierse, M., Leckner, B. Operation control of circulating fluidized bed boilers 29076
Gierull, C., Ruppel, M. An end-to-end synthetic aperture radar simulator 16967
Gierull, C.H. Statistical analysis of the eigenvector projection method for adaptive spatial filtering of interference 56426
Giesbers, J.B., Prins, M.H.J., Cillessen, J.F.M., Van Esch, H.A. Dry etching of all-oxide transparent thin film memory transistors 43000
Giesbers, J.B. *see* Prins, M.W.J. 3013
Giesbers, J.B. *see* Prins, M.W.J. 43011
Giesbers, J.B. *see* Van Delft, F.C.M.J.M. 42497
Giesbrecht, J. *see* Kuffel, R. 19053
Gieschen, N. *see* Warzanskyj, W. 26388
Giese, H. *see* Engelko, V. 28008
Giesen, A. *see* Maestle, R. 55782
Giesen, A. *see* Plass, W. 24060
Giesen, A. *see* Plass, W. 55779
Giesen, A. *see* Plass, W. 55801
Giesen, A. *see* Ristau, D. 59067
Giesen, B. *see* Neubauer, O. 48842
Giesen, U. *see* Kelson, I. 48897
Gieser, H., Haunschild, M. Very-fast transmission line pulsing of integrated structures and the charged device model 22941
Giess, H., Ohlin, C. The corrosion behavior of positive grids with lead calcium aluminum alloys in VRLA/AGM cells and monoblocs. Test results with up to 2% tin and 0.05% silver additions 51476
Giesselmann, M. Dynamic models of 3-phase alternators including saliency effects using PSpice for Windows 29282
Giesselmann, M., Crittenden, B. Design and construction of a neutral point clamped inverter 51271
Giesselmann, M., Mahund, Z., Carson, S. Investigation of power MOSFET switching at cryogenic temperatures 43095
Giesselmann, M.G. Dynamic modeling of switched reluctance machines with PSpice for Windows 19719
Giessen, H. *see* Woggon, U. 32032
Giessen, P.-H.Van der *see* Van der Giessen, P.-H.
Giessler, F. *see* Nowak, H. 49514
Giessler, K.-H., Rauch, F., Fabricius, N. Glass waveguides produced by ion-exchange. A characterization by RBS 3408
Gievska, S. *see* Josifovski, L. 47364
Gifes, N.C. *see* Zhonghai Yu 738
Giffard, R. *see* Allan, D.W. 48307
Giffard, R.P., Cutler, L.S., Kusters, J.A., Miranian, M., Allan, D.W. Continuous, multi-channel, common-view, L1-GPS time-comparison over a 4,000 km baseline 27333
Giffard, R.P., Cutler, L.S., Kusters, J.A., Miranian, M., Allan, D.W. Toward 10^{-15} and sub-nanosecond international frequency and time metrology [using GPS advanced common-view] 36364
Giffin, G. *see* Enloe, C.L. 44912
Gigante, G.E. *see* Cesareo, R. 37562
Gigante, G.E. *see* Rao, D.V. 18161

Gigante, G.E. *see* Rao, D.V. 59355
Gigase, Y. *see* Beccard, R. 40330
Giger, M., Doi, K., Nishikawa, R.M., Ping Lu, Kupinski, M., Haldemann, R.C., Papaioannou, J., Wei Zheng Use of artificial neural networks in a prototype clinical "intelligent" mammography workstation 57539
Giger, M.L. *see* Yoshida, H. 28208
Giggenbach, D., Schex, A., Wandernoth, B. Prototype of a coherent tracking and detection receiver with wide band vibration compensation for free-space laser communications 6792
Gigli, A. *see* Ciarlini, P. 52306
Giglietto, N. *see* Barbarito, E. 18093
Giglmayr, J. Sorting on a ≥2-D multistage architecture with nearest-neighbour interconnection of switches 26450
Giglmayr, J. Planar networks 26845
Giglmayr, J. WDM/OFDM-networks: Transformations, embeddings, and dualism 26848
Gignac, D.S. *see* Zwinkels, J.C. 36945
Gignac, L. *see* Schonenberg, K. 42050
Gignac, L. *see* Schonenberg, K. 43251
Gignac, L.M. *see* Rodbell, K.P. 42780
Gignoux, D. *see* Garcia-Landa, B. 3030
Gignoux, D. *see* Garcia-Landa, B. 3053
Gignoux, D. *see* Tomey, E. 3050
Gignoux, D. *see* Tomey, E. 3245
Gigot, J.-F., Gerstenmayer, J.-L., le Dain, L., Cuzin, M., Mathy, F. Modelling by an analytical function of a pixellized CdTe photoconductor response 37352
Gigot, J.-F. *see* Gerstenmayer, J.L. 37351
Giho Cha *see* Il-Kwon Kim 41170
Gihyun Jung *see* Sangjoong Kim 46303
Gijs, M.A.M., Reinders, A., Jungblut, R.M., Oepts, W., De Jonge, W.J.M. Perpendicular giant magnetoresistance in magnetic multilayers deposited on grooved substrates 43655
Gil, B. *see* Aigouy, L. 22359
Gil, B. *see* Briot, O. 21272
Gil, B. *see* Briot, O. 30839
Gil, B. *see* Briot, O. 54092
Gil, B. *see* Liaci, F. 22317
Gil, B., Aulombard, R.-L. *(editors)* Semiconductor Heteroepitaxy. Growth, Characterization and Device Applications 20308
Gil, F.J.C. *see* del Alamo, C.M. 15130
Gil, J. *see* Hai-Shan Wu 18291
Gil, J.Grana *see* Grana Gil, J.
Gil, J.J. *see* Yelmo, J.C. 16282
Gil, R.Garcia *see* Garcia Gil, R.
Gil Jung Kim *see* Man Tak Huh 15221
Gil-Cho Ahn, Hee-Cheol Choi, Shin-Ii Lim, Seung-Hoon Lee, Chul-Dong Lee A 12-b, 10-MHz, 250-mW CMOS A/D converter 11542
Gil-Lafon, E. *see* Parillaud, O. 10704
Gil-Yoon Kim *see* Gun-Han Park 26366
Gilad, R. *see* Thomas, P.J. 38118
Gilardi, A. Real time services in IP network architectures 57984
Gilardi, E. *see* Carpita, M. 51778
Gilath, C. *see* Eisen, Y. 37667
Gilbert, B.K., Randall, B.A., Donham, B.L., Schwab, D.J., Benson, D.C., Tuckerman, D.B., Goodwin, W.P. Implementation of a gallium arsenide multichip digital circuit operating at 500-1000 MHz clock rates using a Si/Cu/SiO_2 MCM-D technology 31657
Gilbert, B.K. *see* Guang-Tsai Lei 45282
Gilbert, B.K. *see* Lei, G.T. 53851
Gilbert, B.K. *see* Lei, P.-M. 21581
Gilbert, B.K. *see* Williamson, W., III 21637
Gilbert, B.S., III. *see* Andrade, R.A. 5463
Gilbert, B.S., III *see* Dawson, D.W.W. 46060
Gilbert, D.B. *see* Alphonse, G.A. 3635
Gilbert, D.J. Spectral analysis of one-dimensional Schrodinger operators using series solutions 40190
Gilbert, D.M., Morrison, I.F. A statistical method for the detection of power system faults 50662
Gilbert, D.R., Singh, R., Clarke, R., Murugkar, S. Dynamic growth effects during low-pressure deposition of diamond films 40643
Gilbert, F., Ardouin, F., Morillon, P., Le Foulgoc, K., Zhang, X.H., Blanchetiere, C., Ma, H.L., Lucas, J. Low temperature measurement by using IR TeX glass fibers 36621
Gilbert, F.J. *see* Brookes, J.A. 59406
Gilbert, J. *see* Emerald, P. 48900
Gilbert, J.M., Oldaker, R.S., Grindley, J.E., Taylor, P.M. Control of a novel switched mode variable ratio drive 39264
Gilbert, J.R. Exploring design spaces for optical MEMS devices 44153
Gilbert, M. *see* Ahlgren, D.C. 43253
Gilbert, M. *see* Le Garrec, B.J. 33434
Gilbert, M. *see* Schonenberg, K. 42050
Gilbert, M. *see* Schonenberg, K. 43251
Gilbert, M.M. *see* Sunderland, D.A. 22777
Gilbert, P. *see* Armengaud, L. 48529
Gilbert, P. *see* Chagnard, C. 7288
Gilbert, R. The viable VSAT: new applications on an unexpected platform 6675
Gilbert, R. Design considerations of no clean fluxes used to eliminate VOC emissions 39772
Gilbert, R. *see* Jalbert, J. 51089
Gilbert, S.J., Kurz, C., Greaves, R.G., Surko, C.M. Creation of a monoenergetic pulsed positron beam 49311
Gilbert, T.S. *see* Brunett, B.A. 37310
Gilbert, T.S. *see* Medlin, D.L. 37336
Gilbert, T.S. *see* Schieber, M. 7805
Gilbert, T.S. *see* Van Scyoc, J.M. 18123
Gilbert, W.A. *see* Fuentes, R.J. 8633
Gilbert, W.J. *see* Allouche, J.-P. 52460
Gilby, J. *see* Wilson, D. 346
Gilby, J. *see* Wilson, D. 46199
Gilchriese, M.G.D. *see* DeWitt, J. 59243
Gilchrist, B.E., Ohler, S.G., Gallimore, A.D. Flexible microwave system to measure the electron number density and quantify the communications impact of electric thruster plasma plumes 38023
Gilchrist, B.E. *see* Bilen, S.G. 8460
Gildersleeve, K. *see* Huff, H.R. 48883
Gile, M. *see* BiCesare, F. 9899
Giles, C. *see* Goulon, J. 49357
Giles, C.R., Delavaux, J.-M.P. Repeaterless bidirectional transmission of 10 Gb/s WDM channels 26824
Giles, C.R., Dentai, A., Burrus, C.A., Kohutich, L., Centanni, J. Microwatt-power InGaAs photogenerator for lightwave networks 58378
Giles, C.R., Feldman, R.D., Wood, T.H., Zirngibl, M., Raybon, G., Strasser, T., Stulz, L., McCormick, A., Joyner, C.H., Doerr, C.R. Access PON using downstream 1550-nm WDM routing and upstream 1300-nm SCMA combining through a fiber-grating router 6725
Giles, C.R. *see* Delavaux, J.-M.P. 16663
Giles, C.R. *see* Dentai, A.G. 55424
Giles, F.P., Schwartz, R.J. A technique for separating bulk and surface lifetimes in the analysis of photoconductance decay measurements 36869
Giles, L.F., Kunii, Y., Izumi, K. Growth and retrogrowth of oxidation induced stacking faults (OISF) in SIMOX 22556
Giles, M.D. *see* Wang, E.X. 12161
Giles, M.K. *see* Hazzard, D. 15946
Giles, M.K. *see* Prasad, N.S. 55322
Giles, N.C. *see* Zhonghai Yu 762
Giles, R., Song Jiang Fiber-grating sensor for wavelength tracking in single-fiber WDM access PONs 47984
Giles, R., Zirngibl, M., Strasser, T., Joyner, C., Stulz, L. Wavelength conversion in a 1550-nm multifrequency laser 26698
Giles, R.H. *see* Allison, W.W.M. 37269
Giles, R.H. *see* Bober, K. 30984
Giles, W.R. *see* Demir, S.S. 49722
Giles, W.R. *see* Nygren, A. 49725
Gilfedder, T.H., Andonovic, I., Shabeer, M. Performance of dense WDM routed passive optical networks due to interferometric noise effects 26861
Gilfedder, T.H. *see* Cornwell, W.D. 58345
Gilfedder, T.H. *see* Hunter, D.K. 26793
Gilg, L., Chung, T. Known good die versus chip size package: Options, availability, manufacturability and reliability 20866
Gilg, L. *see* Flynn, W.G. 2756
Gilgenbach, R.M. *see* Hochman, J.M. 12087
Gilgenbach, R.M. *see* Hochman, J.M. 53972
Gilgenbach, R.M. *see* Jaynes, R.L. 12086
Gilgenbach, R.M. *see* Kishek, R. 53980
Gilgenbach, R.M. *see* Luginsland, J.W. 12079
Gilgenbach, R.M. *see* Spencer, T.A. 12110
Gilgenbach, R.M. *see* Spencer, T.A. 54001
Giliberti, V. *see* Dell'Aquila, A. 51172
Gilicinski, A.G. *see* Hames, G.A. 22576
Giling, L.J. *see* Bastos, P.L. 52657
Giling, L.J. *see* Bastos, P.L. 52731
Giling, L.J. *see* Bongers, M.M.G. 30821
Giling, L.J. *see* Hageman, P.R. 38978
Giling, L.J. *see* Hageman, P.R. 42374
Giling, L.J. *see* Schermer, J.J. 10769
Giling, L.J. *see* te Nijenhuis, J. 10689
Giling, L.J. *see* te Nijenhuis, J. 12358
Gilioli, E. *see* Fornari, R. 12656
Gilja, O.H. *see* Leotta, D.F. 28124
Gill, D. *see* Buchman, S. 7545
Gill, D. *see* Mailis, S. 24301
Gill, D.M., Block, B.A., Conrad, C.W., Wessels, B.W., Ho, S.T. Thin film channel waveguides fabricated in metalorganic chemical vapor deposition grown $BaTiO_3$ on MgO 3413
Gill, G.S. Simultaneous pulse compression and Doppler processing with step frequency waveform 6909
Gill, G.S., Huang, J.-C. Analysis of step frequency radar using ambiguity function 26945
Gill, J. Advanced EV/HEV battery pack testing using the ABC-150 power system 58661
Gill, K., Hall, G., MacEvoy, B.C. Further experimental tests of the deep-acceptor model 7815
Gill, K. *see* De Fez-Laso, M.D.M. 37505
Gill, K.S., Kirton-Darling, F., Robinson, F.T. Partnership--its contribution to outage success [Bradwell NPP] 19479
Gill, M. Flash memories: a review 1381
Gill, P. *see* Barwood, G.P. 48335
Gill, P. *see* Edwards, C.S. 7134
Gill, P. *see* Edwards, C.S. 44535
Gill, P. *see* Lea, S.N. 48334
Gill, R.D. *see* Alper, B. 37569
Gill, R.M. *see* Sweeney, R.J. 37844
Gill, R.W. *see* Wilson, L.S. 49450
Gill, T.L. *see* Mahmood, M.F. 13566
Gillan, E.G. *see* Stoll, S.L. 30874
Gillaspy, J.D. EBIT spectra of highly stripped ions from the visible to the X-ray 18160
Gillaspy, J.D. *see* Hai-Ping Cheng 42518
Gillberg, J.M., Brown, M.L., Stanton, M.S., Hammill, S.C., Olson, W.H. Clinical testing of a dual chamber atrial tachyarrhythmia detection algorithm 28385
Gillberg, J.M. *see* Brown, M.L. 37768
Gille, A., Reppert, S., Ruckser, G. MCDS as an integral part of a radio-based operations control system 16600
Gille, A., ter Haseborg, J.L. Immunity measurements on cardiac pacemakers for interfering fields above 50 MHz 18524
Gilleard, J.D., Lee, Y.C. Hypermedia and engineering design 30138
Gillemot, F., Kovats, P. Nuclear power plant lifetime management in Hungary 19489
Gillen, K.T. *see* Kudoh, H. 59842
Gillenwater, T. *see* Ma, G. 41462
Gilleo, K. Advances in packaging and assembly polymers 317
Gilleo, K. Flip or flop? 39787
Gilleo, K., Socoloski, N. Are "polymer solders" real? Metallurgical vs. adhesive joining 39773
Giller, G.L. *see* Allison, W.W.M. 37269
Gillerman, J. *see* Carullo, S.P. 19103
Gilles, G. *see* Poinard, F. 55501
Gilles, H. *see* Moreau, O. 48838
Gilles, H.-J. *see* Bokenbrink, D. 60548
Gilles, S., Brady, M., Declerck, J., Thirion, J.-P., Ayache, N. Bias field correction of breast MR images 15990
Gilleskie, R. *see* Keebler, P.F. 39385
Gillespie, A., Fujii, K., Newell, D., Olsen, P.T., Picard, A., Steiner, R., Stenbakken, G., Williams, E. Measurement and reduction of alignment errors of the NIST watt experiment 27362
Gillespie, A., Orth, B., Profumo, A., Webster, S. Evolving access networks: a European perspective 47433
Gillespie, A. *see* Steiner, R. 17814
Gillespie, A. *see* Weeks, R.J. 28604
Gillespie, D.J. *see* Ehrlich, A.C. 30965
Gillespie, D.J. *see* Sharp, J.W. 36958
Gillespie, D.J. *see* Tso, M.M. 47784
Gillespie, G.H., Hill, B.W., Brown, N.A., Babcock, R.C., Carey, D.C. A graphic user interface for the particle optics code transport 49208
Gillespie, G.H., Hill, B.W., Jameson, R.A. A new approach to modeling linear accelerator systems 7714
Gillespie, J. *see* Anholt, R. 42944
Gillespie, J.K. *see* DeSalvo, G.C. 12761
Gillespie, P.J. *see* Lichtenberg, L.R. 41614
Gillespie, S.J. *see* Bo Jiang 3002
Gillespie, S.J. *see* Zurcher, P. 1378
Gillespie, W.A. *see* Vallmitjana, S. 4128
Gillet, P. *see* Leturcq, P. 42905
Gillet, P. *see* Saied, A. 18373
Gillett, S.E. *see* Tennenhouse, D. 6145
Gillett, W. *see* Yordi, B. 60601
Gillette, M.U. *see* Tcheng, T.K. 28358
Gillham, J.P. *see* Watton, R. 36658
Gilli, M., Civalleri, P.P., Roska, T., Chua, L.O. Global optimization through time-varying cellular neural networks 30526
Gillibrand, D., Sarwar, M., Pierce, C.T. The economic benefit of finish turning with coated carbide 51892
Gillick, L. *see* Mendoza, S. 14981
Gillick, L. *see* Peskin, B. 14921
Gillies, D. *see* Palosz, W. 12242
Gillies, D.A.G., Guo, Y.J., Barton, S.K. Synchronisation techniques for HIPERLAN 47076
Gillies, D.F. *see* Chee-Keong Kwoh 21055
Gillies, D.F. *see* Khan, G.N. 5480
Gilligan, J.G. *see* Bourham, M.A. 33857
Gilligan, J.G. *see* Kincaid, R.W. 24387
Gilliland, G.D. *see* Chtchekine, D.G. 40314
Gilliland, G.D. *see* Seng, W.F. 12800
Gilliland, T.L. *see* Sanford, T.W.L. 7753
Gillin, W.P. *see* Jafri, Z.H. 42113
Gillin, W.P. *see* Kozanecki, A. 12420
Gillin, W.P. *see* Peyre, H. 12337
Gilliot, P., Chergui, A., Pelant, I., Valenta, J., Tomasiunas, R., Honerlage, B., Briot, N., Alexis, J.P., Briot, O. Linear and nonlinear optical properties of ZnSe and ZnS thin epitaxial layers and of CdZnSe/ZnSe quantum wells 22361
Gilliot, P. *see* Cloitre, T. 21241
Gilliot, P. *see* Valenta, J. 33668
Gillis, H.P., Choutov, D.A., Martin, K.P. The dry etching of group III-nitride wide-bandgap semiconductors 2355
Gillis, H.P., Choutov, D.A., Martin, K.P., Bremser, M.D., Davis, R.F. Highly anisotropic, ultra-smooth patterning of GaN/SiC by low energy electron enhanced etching in DC plasma 54460
Gillis, H.P., Choutov, D.A., Martin, K.P., Pearton, S.J., Abernathy, C.R. Low energy electron-enhanced etching of GaN/Si in hydrogen direct current plasma 12757
Gillispie, B. *see* Yang-Tse Cheng 11808
Gillman, A.R. *see* Brawn, I. 59325
Gillner, L. Comparison of dynamic effects in two types of expanded semiconductor optical amplifier gate switch arrays 16734
Gilloire, A. *see* Amand, F. 15014
Gillon, R. *see* Colinge, J.P. 21918
Gillon, R. *see* Raskin, J.P. 11745
Gillon, R. *see* Raskin, J.P. 42985

Gillot, C., Michenaud, P.J. Microscopic origin of PTC effect in doped $BaTiO_3$ ceramics 54938
Gilloux, M. *see* Lemarie, B. 57044
Gilman, C.M. *see* Bhasavanich, D. 33878
Gilman, C.M. *see* Hammon, J. 51263
Gilman, M.A., Kirgetov, A.V., Mikheev, A.G., Tkachenko, T.L., Shamaev, A.S. Methods and algorithms for processing and identification of radar images of the ocean surface 28646
Gilman, P. *see* Nelwan, S. 49623
Gilman, S.E. *see* Morita, Y. 33214
Gilmer, D.C. *see* Campbell, S.A. 2694
Gilmer, D.C. *see* Campbell, S.A. 22798
Gilmer, D.C. *see* Hyeon-Seag Kim 12577
Gilmer, G.H. *see* Caturla, M.-J. 12662
Gilmer, G.H. *see* Gossmann, H.-J. 41890
Gilmer, G.H. *see* Marques, L.A. 673
Gilmer, G.H. *see* Pelaz, L. 54359
Gilmont, T., Verians, X., Legat, J.-D., Veraart, C. Resolution reduction by growth of zones for visual prosthesis 59800
Gilmore, J. *see* McDermott, T.E. 44936
Gilmore, J.P. *see* Baker, T.S. 21169
Gilmore, P. *see* Pernambuco-Wise, P. 4209
Gilmore, R., Vilaseca, R., Corbalan, R., Roldan, E. Topological analysis of chaos in the optically pumped laser 55485
Gilmore, R. *see* Chen, S.-W. 25885
Gilmore, R. *see* Roldan, E. 44337
Gilmore, R.L. *see* Casdagli, M.C. 37832
Gilmore, R.L. *see* Casdagli, M.C. 59641
Gilmore, R.S. *see* Bauer, C. 37326
Gilmore, R.S. *see* Bauer, C. 37378
Gilmore, T., Skibinski, G. Pre-charge circuit utilizing non-linear firing angle control 38937
Gilo, M., Croitoru, N. Properties of TiO_2 films prepared by ion-assisted deposition using a gridless end-Hall ion source 3319
Gilor, J., Blumin, M., Samid, I., Fekete, D. Very low threshold current density for pseudomorphic quaternary AlInGaAs single quantum well lasers using a growth parameters optimization technique 55616
Gilpatrick, J.D. Specialized beam diagnostic measurements for an ADTT accelerator funnel 7716
Gilroy, T.D. *see* Girolamo, H.J. 58912
Gils, M.J.Van *see* Van Gils, M.J.
Gilson, R.G. *see* Warren, A.P. 23358
Giltner, L.J. Cycle-life improvement study for secondary silver-zinc batteries 60999
Gim, S.M. Quantum derivation of overall free-electron laser gain dependence on photon energy 33590
Gima, S. *see* Fujii, M. 30332
Giman, Y. *see* Kulbachinskii, V.A. 54139
Gimel'farb, G.L. Non-Markov Gibbs texture model with multiple pairwise pixel interactions 5420
Gimel'farb, G.L. Texture modeling by multiple pairwise pixel interactions 5489
Gimel'farb, G.L. Gibbs models for Bayesian simulation and segmentation of piecewise-uniform textures 5563
Gimel'farb, G.L. Texture modelling and segmenting by multiple pairwise pixel interactions 57505
Gimel'farb, G.L., Malov, V.I., Gayda, V.B., Grigorenko, M.V., Mikhalevich, B.O., Oleynik, S.V. Digital photogrammetric station "Delta" and symmetric intensity-based stereo 18780
Gimenez, G. *see* Hernandez, A. 28129
Gimenez, G. *see* Karoubi, B. 60125
Gimenez, G. *see* Ma, N. 56443
Gimenez, G. *see* Wang, H. 56853
Gimenez, M.I. *see* Fernandez, H. 53029
Gimenez de Guzman, M.I. *see* Guzman, V.M. 42972
Gimenez de Guzman, M.I. *see* Regidor, J.C. 51159
Gimeno, B., Guglielmi, M. Full wave network representation for rectangular, circular, and elliptical to elliptical waveguide junctions 45326
Gimeno, B. *see* Cruz, J.L. 45475
Gimeno, B. *see* Diez, A. 36871
Gimeno, S. *see* Lousa, A. 40620
Gimzewski, J.K. *see* Berger, R. 48476
Gimzewski, J.K. *see* Joachim, C. 53822
Gin, A. *see* Meyer, B. 17486
Gin Genming *see* Duan Limin 18082
Gin Yee, Sechen, C. Clock-delayed domino for adder and combinational logic design 1246
Gin-Kou Ma *see* Chiung-Shien Wu 7067
Gin-Kou Ma *see* Chiung-Shien Wu 7077
Gin-Kou Ma *see* Chiung-Shien Wu 17059
Gin-Kou Ma *see* Chiung-Shien Wu 58083
Gin-Shiang Chen *see* Ray-Ming Lin 27586
Gin-Shiang Chen *see* Su, Y.K. 44239
Ginart, A., Camilleri, J.S., Pesse, G. Thyristor controlled AC induction motors using a discrete frequency control method 50986
Ginart, A. *see* Esteller, R. 59589
Ginat, D. *see* Shifroni, E. 39635
Gindele, F. *see* Woggon, U. 32032
Ginder, A.P. Maintenance as a corporate strategy 20775
Ginder, A.P. Measuring maintenance and reliability performance 20779
Ginder, J.M., Davis, L.C., Elie, L.D. Rheology of magnetorheological fluids: models and measurements 985
Gindre, D. *see* Lantz, E. 33005
Giner, J., Laconti, A. Fuel cells as rechargeable batteries 9530
Ginesta, X., Sambhwani, S., Kim, S.P. Low complexity finite-state scalar quantization of image subbands 5339
Gineste, J.-M. *see* Hernandez, D. 48611
Ging Heo *see* Zhao Hao 3382
Gingerich, G. *see* Harris, J.A. 16320
Gingl, Z., Pennetta, C., Kiss, L.B., Reggiani, L. Biased percolation and abrupt failure of electronic devices 10215
Gingras, D. *see* Claveau, F. 17804
Gingras, D. *see* Gauvin, J. 5667
Gingras, D. *see* Yamazaki, T. 5158
Gingrich, H.S., Chumney, D.R., Sun, S.-Z., Hersee, S.D., Lester, L.F., Brueck, S.R.J. Broadly tunable external cavity laser diodes with staggered thickness multiple quantum wells 23975
Gini, E., Blaser, M., Hunziker, W., Melchior, H. Packaged 2.5 Gb/s 4-channel WDM receiver module with InP grating demultiplexer and pin-JFET receiver array 16741
Gini, F. Estimation strategies in the presence of nuisance parameters 25095
Gini, F. Sub-optimum coherent radar detection in a mixture of K-distributed and Gaussian clutter 48051
Gini, F., Lombardini, F., Verrazzani, L. Decentralized CFAR detection with binary integration in Weibull clutter 58417
Gini, F. *see* Berizzi, F. 48079
Gini, F. *see* Farina, A. 6923
Giniewicz, J.R. *see* Wang, J.F. 23180
Ginis, R., Wolfe, V.F. Issues in designing open distributed real-time databases 6131
Ginkel, F.C.Van *see* Van Ginkel, F.C.
GinKou Ma *see* Muh-Rong Yang 58065
Ginley, D. *see* McGraw, J.M. 21364
Ginley, D.S. *see* Schulz, D.L. 30859
Ginley, D.S. *see* Schulz, D.L. 52738
Ginley, R.A. Dual 6-port ANA calibration with a single impedance standard 27343
Ginn, K.B. *see* Henning, P.J. 60116
Ginneken, A.C.G.Van *see* Van Ginneken, A.C.G.
Ginneken, A.Van *see* Van Ginneken, A.
Ginneken, L.P.P.P.van *see* van Ginneken, L.P.P.P.
Ginolas, A. *see* Hahn, R. 52278
Ginosar, R. *see* Kol, R. 41108
Ginsburg, D. *see* Barnes, J. 5877
Ginsburg, D. *see* Barnes, J. 6244
Ginter, O., Rothe, H. Desktop setup for binary holograms 4127
Ginther, J. *see* Baldwin, T. 60141
Ginther, J.C. *see* Brothers, A.S., Jr. 60145
Ginzburg, G.V. *see* Shvartz, A.L. 29113
Ginzburg, I.F. The e^+e^- pair production at $\mu^+\mu^-$ collider 17976
Ginzburg, L.R. *see* Ferson, S. 39677
Giorci, L. *see* Frangini, S. 51509
Giordano, A. *see* Christillin, M. 57728
Giordano, A.R. *see* Farmer, K.R. 2580
Giordano, G. *see* Bollanti, S. 13937
Giordano, N. *see* Antonucci, V. 29599
Giordano, N. *see* Arico, A.S. 40508
Giordano, S., Pagano, M., Pannocchia, R., Russa, F. A new call admission control scheme based on the self similar nature of multimedia traffic 6330
Giordano, V. *see* Di Monaco, O. 21885
Giorgetti, E. *see* Palchetti, L. 44041
Giorgetti, M.F. *see* Carlson, R. 20513
Giorgi, L., Carewska, M., Scaccia, S., Simonetti, E., Zarzana, F. Investigation on $LiCoO_2$ materials for MCFC alternative cathodes 51506
Giorgi, M. *see* Balzaretti, S. 25975
Giorgi, M. *see* Batignani, G. 59329
Giorgi, M. *see* Marchetti, S. 13908
Giorgi, M.A. *see* Baticnani, G. 7810
Giorgi, M.A. *see* Batignani, G. 7811
Giorgio, A., Perri, A.G., Castagnolo, B. Automatic design of GaAs MESFETs for thermal effect optimization 54691
Giorgio, A., Perri, A.G., Petruzzelli, V. A new technique for designing high-performance monolithically integrated $In_{0.53}Ga_{0.47}As/InP$ p-i-n/FET front-end optical receiver 6745
Giorgio, A. *see* Castagnolo, B. 2706
Giorgio, A. *see* Castagnolo, B. 2707
Giorgis, F., Pirri, C.F., Tresso, E., Rava, P. Correlation between the optoelectronic properties and the structure of hydrogenated amorphous silicon-carbon films grown from a C_2H_2 gas source 52777
Giorgis, F. *see* Yichun Liu 52778
Giorio, E. *see* Bernasconi, V. 47637
Giorio, E. *see* Buscaglia, F. 47626
Gioumousia, H. *see* Strintzis, M.G. 56796
Giourdjian, V. *see* Rossi, P. 18092
Giovannini, H., Deumie, C., Akhouayri, H., Amra, C. Angle-resolved polarimetric phase measurement for the characterization of gratings 4118
Giovannini, H. *see* Dokulilova, S. 17415
Giovannini, H. *see* Huard, S.J. 7379
Giovannozzi, E. *see* Orsitto, F. 36574
Giovannozzi, M., McIntosh, E. Development of parallel codes for the study of nonlinear beam dynamics 59177
Giovannozzi, M. *see* Fischer, W. 59149
Giove, D. *see* Calabretta, L. 49145
Giove, D. *see* Rovelli, A. 49146
Gipprich, J., Faulkner, J., Pingor, M., Masti, J., Hershfeld, M. A 16 watt, 8.0-10.5 GHz power amplifier using HFET MMICs and a compact LTCC splitter/combiner network 53644
Gips, J., DiMattia, P., Curran, F.X., Olivieri, P. Using EagleEyes–an electrodes based device for controlling the computer with your eyes–to help people with special needs 8167
Gipser, T. Broadcasting in an all-optical packet-switched network 6769
Gipser, T., Leuthold, P. Wholly optical networks–the future of the information superhighway. II. Components and prospects of wholly optical networks 6861
Giraldo, A. *see* Biggeri, U. 7814
Giraldo, A. *see* Matthews, J.A.J. 37266
Girard, A., Melin, G. ECR ion sources today. Physics, performance and technology 49288
Girard, P., Ladrault, C., Pravossoudovitch, S., Severac, D. Technique for reducing power consumption in CMOS circuits 43274
Girard, P., Landrault, C., Pravossoudovitch, S., Rodriguez, B. A diagnostic ATPG for delay faults based on genetic algorithms 41043
Girard, S., Dinten, J.-M., Chalmond, B. Building and training radiographic models for flexible object identification from incomplete data 4926
Girard, S. *see* Konate, A. 14057
Girardeau-Montaut, C. *see* Afif, M. 41757
Girardeau-Montaut, C. *see* Tomas, C. 53895
Girardeau-Montaut, J.P. *see* Afif, M. 41757
Girardeau-Montaut, J.P. *see* Tomas, C. 53895
Girardet, B. *see* Daniau, W. 3001
Girardi, G. *see* Narducci, D. 12298
Giraud, X., Boutillon, E., Belfiore, J.C. Algebraic tools to build modulation schemes for fading channels 56256
Giraudet, L. *see* Ducellier, T. 47962
Giraudi, D. *see* Pavese, F. 48298
Giraudon, G., Sandakly, F. Indoor scene interpretation for a mobile robot 46294
Giraudon, G. *see* Volden, E. 5433
Girault, M., Graindorge, P., Mangeot, D., Morin, V., Gonos, A., Laloux, B., Desforges, F.X. The Optonet system: a 64 on/off fiber optic sensor network designed for industrial and military applications 48590
Girault, M. *see* Graindorge, P. 36616
Girdauskas, V. *see* Dement'ev, A. 33624
Girdinio, P., Molfino, P., Molinari, G., Nervi, M. Adaptive meshing in two-variable static problems with field based error estimators using edge and facet elements 44902
Girdinio, P. *see* Alotto, P. 44962
Girginoudi, D. *see* Dimitriadis, E.I. 44233
Girgis, A.A., Makram, E.B. Measurement of voltage flicker magnitude and frequency using a Kalman filtering based approach 19427
Girgis, A.A. *see* Jun Zhu 50553
Giri, A.K. Magnetic properties of iron-polyethylene nanocomposites prepared by high energy ball milling 32789
Giri, M.Grazia *see* Grazia Giri, M.
Giriat, W. *see* Paszkowicz, W. 41965
Giribona, P. *see* Buizza, A. 8095
Giridhar, R.V. Flash technology: challenges and opportunities 31255
Girimaji, M. *see* Ramkumar, P.S. 7228
Girin, L., Feng, G., Schwartz, J.-L. Speech enhancement with filters estimated from the speaker's image. A feasibility study 24862
Girka, I., Girka, V. Delaying of transverse surface waves in the isotropic plasma waveguide with the noncircular cross-section 45174
Girka, V. *see* Girka, I. 45174
Girka, V.O., Kondratenko, A.N., Pavlenko, I.V. Effect of the plasma inhomogeneity on the surface cyclotron waves dispersion properties 45175
Girka, V.O. *see* Azarenkov, N.A. 4273
Giro, G. *see* Kalinowski, J. 13870
Girod, B., Ben Younes, K., Bernstein, R., Eisert, P., Farber, N., Hartung, F., Horn, U., Steinbach, E., Stuhlmuller, K., Wiegand, T. Recent advances in video compression 5145
Girod, B., Younes, K.B., Faerber, N., Steinbach, E. Recent advances in mobile video communications 35945
Girod, B. *see* Hartung, F. 15609
Girod, B. *see* Hartung, F. 25578
Girod, B. *see* Hartung, F. 47350
Girod, B. *see* Steinbach, E. 25365
Girod, B. *see* Steinbach, E. 56725
Girod, B. *see* Steinbach, E. 56866
Girolami, E., Mazzer, M. Systems engineering approach to maintainability optimisation with case studies on ion implanters and sputtering tools 39690
Girolami, G. *see* Rosner, S.J. 44214
Girolamo, H. *see* Bosco, C.D. 38190
Girolamo, H.J., Rash, C.E., Gilroy, T.D. Advanced information displays for the 21st-century warrior 58912
Girolamo, R.Di *see* Di Girolamo, R.
Girouard, M., Chan, G.K. Consideration of probability of interference between land mobile duplex systems 16576
Giroult-Matlakowski, G. *see* de Barros, O. 2599
Giroux, M. *see* Biron, D. 61338
Giroux, N. A tutorial on ATM traffic management 5767
Girsch, W. *see* Mayr, W. 8152
Girt, E. *see* Jun Yang 43623

Girton, D.G. *see* Van Eck, T.E. 44074
Girvan, R. *see* Dalal, V. 39133
Girwar, B.S. *see* Kuznetsov, V.I. 862
Girzikowsky, R. *see* Mehta, K. 28473
Gisbertz, A., Pitt, E., Scharmann, A. SSNTD for fast neutron personal dosimetry–lower limit of detection 59841
Gisclon, J.M. *see* Simion, G.P. 38568
Gish, H. *see* Eide, E. 14932
Gish, H. *see* Lund, M.A. 14983
Gish, H. *see* McDonough, J. 15095
Gish, H. *see* Schmidt, M. 15134
Gisin, B. *see* Gisin, N. 13587
Gisin, M.A., Absalyamova, E.Kh., Mustaev, R.M. High-contrast blocking filters for the near IR region 13783
Gisin, N., Gisin, B., Von der Weid, J.P., Passy, R. How accurately can one measure a statistical quantity like polarization-mode dispersion? 13587
Gisin, N. *see* Muller, A. 34546
Gisin, N. *see* Mussi, G. 3361
Gisin, N. *see* Zbinden, H. 45623
Gisiner, B. *see* Abileah, R. 38083
Gislason, F., Jensen, P.R., Jespersen, K., Padrah, S., Pedersen, M.R., Ritchie, A.E., Sander-Larsen, J. Transient models of three-phase synchronous generator and transformer for analysis of inrush current 19720
Gislason, H., Langbein, W., Hvam, J.M. Asymmetric GaAs/AlGaAs T wires with large confinement energies 773
Gismero, J. *see* Alonso, J.I. 26612
Gisselfaelt, M. Parity effects in Josephson tunneling through a metallic island 13512
Gissler, W. *see* Hammer, P. 40617
Gitae Kim *see* Kihong Park 57910
Gitelson, A.A., Merzlyak, M.N., Grits, Y. Novel algorithms for remote sensing of chlorophyll content in higher plant leaves 8410
Githiari, A.N. *see* Palmer, P.R. 2622
Githiari, A.N. *see* Palmer, P.R. 51859
Gitin, M., Seaton, C. Lasers manufacturers target commercial markets 14039
Gitlin, R.D. *see* Chih-Lin I 36017
Gitlin, R.D. *see* Chih-Lin I. 47369
Gitlin, R.D. *see* La Porta, T.F. 6213
Gitlits, M. *see* Ivanovich, M. 6619
Gittik, Y. ISDN extension over non-ISDN premises 47223
Gittins, J.T. *see* Jaukett, R. 8086
Gittleman, M.M., Robertson, B., Lee, B., Gaseor, T., Wightman, B., Hughes, G. A fly-by robotic tank inspection end effector for waste storage tank 48846
Giuclea, R. *see* Magureanu, R. 61190
Giudice, G.E. *see* Thiagarajan, P. 55607
Giudici, F. *see* Costa, A. 31277
Giudici, F. *see* Costa, A. 53304
Giuffrida, F., Morasso, P., Vercelli, G., Zaccaria, R. Integration of active localization systems in vehicles control for real-time trajectory tracking 27900
Giuffrida, F., Morasso, P., Vercelli, G., Zaccaria, R. Active localization techniques for mobile robots in the real world 36897
Giugno, P.V., De Vittorio, M., Rinaldi, R., Cingolani, R., Quaranta, F., Vanzetti, L., Sorba, L., Franciosi, A. Electro-optic exciton nonlinearities in $Zn_{1-x}Cd_xSe/ZnSe$ multiple quantum wells 22420
Giuliani, A. *see* Alessandrello, A. 7819
Giuliani, A. *see* Alessandrello, A. 37480
Giuliani, A. *see* Alessandrello, A. 48812
Giuliani, A. *see* Alessandrello, A. 59340
Giuliani, D. *see* Furlanello, C. 56400
Giuliano, C. *see* Balsamo, S. 24023
Giuliante, A.T. *see* Jodice, J.A. 19386
Giulio, M.Di *see* Di Giulio, M.
Giunta, D., Gonnelli, S. LPC based multispectral compression techniques applied to optical imaging spectrometer instruments 57466
Giuntini, J.C. *see* Salam, F. 12302
Giurgiu, M., Meciu, E. An approach for automatic speech recognition using multilayer perceptrons and acoustic segmentation 15020
Giurgiutiu, V., Rogers, C.A. Comparison of solid-state actuators based on power and energy criteria 3011
Giurgiutiu, V., Rogers, C.A. Dynamic power and energy capabilities of commercially-available electro-active induced-strain actuators 51439
Giurgiutiu, V., Rogers, C.A. Large-amplitude rotary induced-strain (LARIS) actuator 54998
Giurgiutiu, V., Zao Chen, Lalande, F., Rogers, C.A., Quattrone, R., Berman, J. Passive and active tagging of reinforced composites for in-process and in-field non-destructive evaluation 1012
Giurgiutiu, V., Zao Chen, Lalande, F., Rogers, C.A., Quattrone, R., Berman, J. Passive and active tagging of glass-fiber polymeric composites for in-process and in-field non-destructive evaluation 40746
Giuri, C., Perrone, M.R., Piccinno, V. Output coupler design of unstable cavities for excimer lasers 44330
Giuseppe Leo, Assanto, G., Torruellas, W.E. Beam pointing control with spatial solitary waves in quadratic nonlinear media 24105
Giust, G.K., Sigmon, T.W. Comparison of excimer laser recrystallized prepatterned and unpatterned silicon films on SiO_2 32110
Giust, R. *see* Mazurenko, Yu.T. 16788
Giustina, D.Della *see* Della Giustina, D.
Giusto, D.D. *see* Accame, M. 56999
Giusto, D.D. *see* Atzori, L. 15642
Giusto, D.D. *see* Buscemi, M. 15624
Giustolisi, F. *see* Aiello, S. 49328
Givargizov, E.I., Zhirnov, V.V., Chubun, N.N., Stepanova, A.N. Fabrication of field emission display prototype based on Si field emission arrays with diamond coating 58929
Givargizov, E.I., Zhirnov, V.V., Chubun, N.N., Voronin, A.B. Diamond cold cathodes for electron guns 53940
Givargizov, E.I. *see* Konopsky, V.N. 53925
Givargizov, E.I. *see* Stepanova, A.N. 53920
Givargizov, E.I. *see* Zhimov, V.V. 53963
Givargizov, E.L. Diamond-coated silicon tips as field emitters 53954
Given, J.A., Anghaie, S. A computational model for thermal fluid design analysis of nuclear thermal rockets 49949
Given, J.D. *see* Dewald, J.P.A. 18498
Given, M.J. *see* Banford, H.M. 2974
Given, M.J. *see* Banford, H.M. 2975
Given, M.J. *see* MacGregor, S.J. 43447
Givens, B.R. An engineering design simulator for advanced distributed simulation 8248
Givens, G., Yona, Z. Helmet mounted display (day/night) 18638
Givens, R.B., Murphy, J.C., Oslander, R., Kistenmacher, T.J., Wickenden, D.K. A high sensitivity, wide dynamic range magnetometer designed on a xylophone resonator 7258
Givens, R.B. *see* Colvin, A.E., Jr. 36776
Givens, R.B. *see* Osiander, R. 17243
Givernaud, A. *see* Alexeev, G. 59200
Givoli, D., Flaherty, J.E., Shephard, M.S. Simulation of Czochralski melt flows using parallel adaptive finite element procedures 52598
Givord, D. *see* Duc, N.H. 3067
Givord, D. *see* Kobayashi, K. 3047
Givord, D. *see* Kobayashi, K. 3136
Gizdarski, E. Built-in self-test for folded bit-line Mbit DRAMs 41132
Gizdulich, P. *see* Aschero, G. 8009
Gizeli, E., Lowe, C.R., Liley, M., Vogel, H. Detection of supported lipid layers with the acoustic Love waveguide device: application to biosensors 17569
Gizhevskii, B.A., Naumov, S.V., Viglin, N.A., Loshkareva, N.N., Samovkhvalov, A.A., Belykh, T.A., Pyatkova, T.M., Puzanov, A.A. Irradiation of single crystals of cupric oxide CuO by oxygen ions 32153
Gizinski, S.J., Cardoso, J.C. High data rate wireless communications 26464
Gizopoulos, D., Nikolos, D., Paschalis, A. Testing CMOS combinational iterative logic arrays for realistic faults 21584
Gizopoulos, D., Nikolos, D., Paschalis, A., Halatsis, C. C-testable modified-Booth multipliers 1236
Gizopoulos, D., Paschalis, A., Zorin, Y. An effective BIST scheme for datapaths 43186
Gjaere, K. ATM: The rails for "Infobahn" 16035
Gjaja, M.N. *see* Carpenter, G.A. 50011
Gjedde, A. *see* Murase, K. 18273
Gjellan, E. *see* Steinvall, O. 8499
Gjengedal, T., Gjerde, J.O., Flolo, R. Transmission open access; management, operation and pricing 8848
Gjengedal, T. *see* Gjerde, J.O. 8760
Gjerde, A.C. Multifactor ageing models - origin and similarities 23225
Gjerde, J.O., Flolo, R., Gjengedal, T. Use of HVDC and FACTS–components for enhancement of power system stability 8760
Gjerde, J.O. *see* Gjengedal, T. 8848
Gjoen, S.R. *see* Sato, H. 32887
Gkanatsios, N.A., Huda, W. Computation of energy imparted in diagnostic radiology 49507
Glad, A. *see* Suntio, T. 51213
Gladden, D.B., Ren, X., Weintraub, C.E., Ozturk, M.C. Rapid thermal chemical vapor formation of $TiSi_2$: an alternative refractory metallization process for device fabrication 42691
Gladden, W.K. *see* Schafft, H.A. 369
Glade, B. *see* Rodrigues, L. 5847
Gladfelter, W. *see* Karpov, I. 10905
Gladfelter, W. *see* Karpov, I. 40597
Gladfelter, W.L. *see* Campbell, S.A. 2694
Gladfelter, W.L. *see* Campbell, S.A. 22798
Gladkikh, A., Lereah, Y., Karpovski, M., Palevski, A., Kaganovskii, Y.S. Activation energy of electromigration in copper thin film conductor lines 42746
Gladkikh, A., Lereah, Y., Karpovski, M., Palevski, A., Kaganovskii, Y.S. Activation energy of electromigration in copper thin film conductor lines 42755
Gladman, A.S. *see* Vitkin, I.A. 49760
Gladum, A. *see* Stoye, P. 32891
Gladun, C. *see* Burkov, A.T. 31931
Gladun, C. *see* Burkov, A.T. 42008
Gladun, C. *see* Heinrich, A. 31906
Gladun, V.V. *see* Pirogov, Yu.A. 17291
Gladwell, I. *see* Shampine, L.F. 10539
Gladwin, C.J. *see* Garey, L.E. 21179
Gladyshev, G.A. *see* Aandreyev, G.A. 36024
Gladysheva, L.G., Lunev, A.V., Smirnitskii, V.B., Prestinskii, D.A. Fabrication of submicron grating by holographic lithography and shadow deposition of metal or insulator layers 3883
Glaese, U. Measurement set-up of an automated cable-monitoring system 8900
Glaeser, M. *see* Ratschko, D. 49310
Glaeser, U. *see* Shi-Yu Huang 31242
Glahn, P.von *see* von Glahn, P.
Glajchen, N. *see* Yeung, N. 18513
Glance, B., Doerr, C.R., Kaminow, I.P., Montagne, R. Optically restorable WDM ring network using simple add/drop circuitry 6819
Gland, J.L. *see* Majoo, S. 36757
Gland, J.L. *see* Patel, S.V. 48707
Gland, J.L. *see* Walton, R.M. 58882
Glantz, R. Positron production for the S-Band and TESLA linear colliders 49302
Glanz, M. *see* Geiger, M. 30784
Glanzer, D. Foundation fieldbus forging high-level network standard 16264
Glardon, R. *see* Chaboudez, C. 39426
Glas, A., Wacker, K. SAW resonators for RF keyless entry: more convenience for drivers, security for cars 39346
Glas, P., Naumann, M., Schirrmacher, A., Dong, L., Caplen, J. Novel fiber design for efficient Nd-doped fiber lasers in the 1-5 W power range 23807
Glas, P., Naumann, M., Schirrmacher, A., Muller, H.R., Reichel, V., Unger, S. Predicting the performance data for a fiber laser by measuring the emitted fluorescence power of the end-on pumped fiber 33426
Glasberg, S., Sharon, A., Rosenblatt, D., Friesem, A.A. Long-range surface plasmon resonances in grating-waveguide structures 43998
Glasbey, C.A. Inference on binary images from binary data 4916
Glaser, A. *see* Franzon, P.D. 11498
Glaser, A. *see* Franzon, P.D. 41220
Glaser, E. *see* Schulz, R. 30745
Glaser, E.R. *see* Carlos, W.E. 13881
Glaser, I. Optical transfer function synthesis in multiple lenslet array imagers 7410
Glaser, M. *see* Bettin, H. 27220
Glaser, M. *see* Dezillie, B. 59248
Glaser, R.M. *see* Faghri, P.D. 49754
Glaser, S. *see* Bruck, J. 5755
Glaser, S. *see* Middleton, N.T. 20590
Glaser, U. *see* Dahmen, H.-Ch. 21446
Glasmacher, M., Pucher, H.-J. Laser beam micro welding as a competitive technique for soldering 11969
Glasmacher, M. *see* Pucher, H.-J. 10126
Glasman, C., Andronov, V., Vasilyev, O., Litchakov, V. Subjective assessment of concatenated compression systems 15606
Glass, A.M. *see* Canoglu, E. 12407
Glass, A.W., Leaver, F.G., Dennis, P.N.J. STAIRS C–the UK next generation high performance thermal imaging system 36687
Glass, C.J., Nelson, D.F., Rao, V.B. Jedi (J-90) system upgrade: A case study of the memory bar module 1383
Glass, G. *see* Kim, H. 10750
Glass, I.S. *see* Tanabe, T. 27667
Glass, K.J. *see* Simpson, A.D. 47432
Glass, M.C. Improved solar array power point model with SPICE realization 18666
Glass, M.C. Battery electrochemical nonlinear/dynamic SPICE model 19968
Glasser, F., Campagnolo, R., Mathy, F., Louis, N., Mermet, R. X-ray imaging performances of a 2D hybrid cadmium telluride structure 37338
Glassey, C.R., Shanthikumar, J.G., Seshadri, S. Linear control rules for production control of semiconductor fabs 152
Glassey, C.R. *see* Sattler, L. 54747
Glassman, J. *see* Rafferty, B.D. 55502
Glassner, A. Signs of significance [digital displays] 58909
Glassner, D.S., Frankel, M.Y., Esman, R.D. Reduced loss microwave fiber-optic links by intracavity modulation and carrier suppression 36137
Glatfelter, T., Guha, S., Hoffman, K., Vogeli, C., Yang, J., Younan, K., Wishagen, J. A PV module that emulates an asphalt shingle 38654
Glatfelter, T., Lycette, M., Akkashian, E., Hoffman, K. A PV module with an active area utilization of 99.8% 39156
Glattli, D.C. *see* Kumar, A. 12469
Glattli, P. What is a real 1 GHz bandwidth ESD generator calibration? 24346
Glatz, J. *see* Barth, W. 37119
Glatz-Reichenbach, J., Meyer, B., Strumpler, R., Kluge-Weiss, P., Greuter, F. New low-voltage varistor composites 943
Glauche, E. *see* Andra, G. 44613
Glaude, V. *see* Jacquet, P. 36872
Glaunsinger, W. *see* Clodius, D. 8797
Glavanakov, I.V., Krechetov, Yu.F., Potylitsin, A.P., Radutsky, G.M., Tabachenko, A.N., Nurushev, S.B. A proton polarimeter based on the elastic pe-scattering 37260
Glavas, C. *see* Molnar, L. 9999
Glavic, M., Nuhanovic, A., Tesnjak, S. Voltage stability analysis in longitudinal power systems and its application to the Bosnian power system 19062
Glavin, B.A., Kochelap, N.A., Mitin, V.V. Patterns in bistable resonant tunneling diodes: possibility of novel electron devices 54580

Glavin, B.A. *see* Belyaev, A.E. 12877
Glavinas, E., Dhagat, P., Jander, A., Indeck, R.S., Muller, M.W. Data distortion due to magnetic medium microstructure 43693
Glavinic, V., Kapetanovic, D. Protocol extensions for multiple multimedia mail access 35679
Glavinic, V., Rogovic, B., Vukovic, D. Project IRISH: Istrian Region Information Superhighway 35828
Glaw, V. *see* Hahn, R. 52278
Glaw, V. *see* Topper, M. 53855
Glawischnig, H. *see* Naeem, M.D. 42355
Glazanov, D.V. *see* Fursei, G.N. 53898
Glaze, D. *see* Westfeldt, P., Jr. 45466
Glazkov, D.A., Efimkov, V.F., Zubarev, I.G., Mikhailov, S.I., Sobolev, V.B. Increase in the output energy of multipass neodymium glass amplifiers 55546
Glazkov, V.V., Sinkevich, O.A. The possibility of hypersonic acceleration of light space vehicles with the aid of a microwave discharge in the atmosphere 8274
Glazman, L.I. *see* Matveev, K.A. 2178
Glazov, A.L., Muratikov, K.L. Measurement of thermal parameters of solids by a modified photodeflection method 48984
Glazowski, C. *see* Wochnik-Dyjas, D. 28311
Gleason, K.K. *see* Wolden, C.A. 10907
Gleason, S.S., Tobin, K.W. Directional dilation for the connection of piece-wise objects: a semiconductor manufacturing case study 57482
Gleason, S.S. *see* Sari-Sarraf, H. 28145
Gleason, T.P. *see* Zissman, M.A. 14979
Glebocki, R. *see* Vogt, R. 9683
Glebov, A.L., Blaauw, D., Jones, L.G. Transistor reordering for low power CMOS gates using an SP-BDD representation 21611
Glebov, I.A., Chubraeva, L.I. Superconducting turbogenerators as a new generation of high-rated electrical machines 50929
Glebov, L.B. *see* Dianov, E.M. 24177
Glebov, V.I. *see* Zhevago, N.K. 55975
Gleed, D. *see* Lettington, A. 27049
Gleed, D.G., Lettington, A.H., Hong, Q.H. A comparison of methods for super-resolving passive millimetre wave images 35327
Gleed, D.G. *see* Anderton, R.N. 58856
Gleeson, H.F., Morse, A.S. Microsecond studies of layer motion in a ferroelectric liquid crystal device 23591
Gleeson, H.F. *see* Robinson, W.K. 44108
Gleeson, M.J. *see* Hill, D.L.G. 18400
Glegg, M. *see* Mackie, R.T. 28341
Glegg, M.M. *see* Moseley, H. 8190
Gleichman, D. *see* Radford, W. 17492
Gleiter, H. *see* Keblinski, P. 40505
Gleixner, R.J., Nix, W.D. An analysis of void nucleation in passivated interconnect lines due to vacancy condensation and interface contamination 42784
Glekas, J. *see* Rindos, A. 46563
Glembocki, O.J. *see* Grun, J. 42360
Glen, G. *see* Whiteman, D. 5530
Glen, G.D. High-speed photography using television techniques 7104
Glenn, D.R. Direct fuel cell power plants: the final steps to commercialization 19639
Glenn, G.S. *see* Stella, P.M. 38001
Glenn, T., Chavez, T., Toole, M.T., Markwardt, J. Transportable range augmentation and control systems for multiple shot engagements 8706
Glenn, W.E., Holton, C.E., Dixon, G.J., Bos, P.J. High-efficiency light valve projectors and high-efficiency laser light sources 58922
Glenn, W.M., Jr. *see* Dietz, D.R. 28199
Glenzinski, D. *see* Azzi, P. 37390
Gleskova, H., Wagner, S., Shen, D.S. Electrophotographic patterning of a-Si:H 12739
Glesner, M. *see* Gasteier, M. 1086
Glesner, M. *see* Herpel, H.-J. 11475
Glesner, M. *see* Munch, M. 1323
Glesner, M. *see* Ober, U. 11145
Glesner, M. *see* Steudel, A. 57470
Glesner, M. *see* Zahm, U. 11313
Glesner, M. *see* Hartenstein, R.W. *(editor)* 9836
Glevarec, P. *see* Lutton, E. 57394
Glew, N. *see* Clark, P. 50888
Glew, R.W. *see* Alsina, F. 41915
Glezer, E.N., Milosavljevic, M., Huang, L., Finlay, R.J., Her, T.-H., Callan, T.P., Mazur, E. Three-dimensional optical storage inside transparent materials 32993
Glezos, N., Patsis, G.P., Raptis, I., Argitis, P., Gentili, M., Grella, L. Application of a reaction-diffusion model for negative chemically amplified resists to determine electron-beam proximity correction parameters 32283
Glezos, N. *see* Patsis, G. 42832
Glibitskiy, G.M. Measurement of permittivity of aqueous solutions at 44 GHz by FM receiver 48833
Glick, M. *see* Robadey, J. 23900
Glick, M. *see* Robadey, J. 33523
Glick, S., Cochrane, D., Mellor, J., Yao, J.-G. Packet level discard: a practical way to improve effective throughput over ATM networks 35399
Glick, S.H. *see* Pern, F.J. 39164
Glick, S.J., Weishi Xia Iterative restoration of SPECT projection images 59467
Glick, S.J. *see* Pretorius, P.H. 28237
Glick, S.J. *see* Soares, E.J. 28230
Glick, Y., Sternklar, S. High gain and double phase conjugation with strongly doped Co:$BaTiO_3$ in reflection grating configurations 55820
Glicksman, M.E. *see* Singh, N.B. 10598
Glielmo, L. *see* di Bernardo, M. 51110
Glijer, P. *see* Kyusik Sin 43691
Glikin, L.S. *see* Lesnoi, M.A. 178
Glimelius, B. *see* Jung, B. 28424
Glimm, J. *see* Munter, K. 27296
Glingener, C., Elbers, J.-P., Kastner, J., Voges, E. Simulation of wavelength multiplexed fibre-optical systems 6857
Glingener, C., Elbers, J.-P., Voges, E. CAE for photonic waveguide devices 44042
Glingener, C., Elbers, J.-P., Voges, E. Simulation tool for WDM networks 58341
Glinkowski, M.T. Building a mathematical model of vacuum arc interruption–parameter optimization 29491
Glinkowski, M.T., Gutierrez, M.R., Braun, D. Voltage escalation and reignition behavior of vacuum generator circuit breakers during load shedding 38896
Glinov, A. *see* Poltanov, A. 33876
Glinov, A.P. *see* Kondratenko, A.K. 33901
Glises, R., Bernard, R., Chamagne, D., Kauffmann, J.M. Equivalent thermal conductivities for twisted flat windings 9240
Glisic, S.G., Talvitie, J.J., Kumpumaki, T., Latva-aho, M., Iinatti, J.H., Poutanen, T.J. Design study for a CDMA-based LEO satellite network: downlink system level parameters 16593
Glisson, A.W. *see* Junker, G.P. 34267
Glitza, K.W. *see* Becks, K.H. 59228
G.L.Michel. *see* Michel. G.L.
Gloag, A. *see* Fallon, R.W. 58785
Gloag, A. *see* Forster, R.J. 13615
Gloag, A. *see* Forster, R.J. 23805
Globus, M., Grinyov, B., Ratner, M. Effect of large gamma-irradiation doses on conversion efficiency and light output of alkali halide scintillators 59266
Glock, H.-W., Marhauser, F., Hulsmann, P., Kurz, M., Peschke, C., Muller, W.F.O., Klein, H. Measurement of HOM-propagation through cavity chains in terms of S-parameters 49179
Glocker, F.X. *see* Linden, D. 28327
Glockner, S., Goring, R. Analysis of a micro-optical light modulator 55366
Glockner, S., Goring, R., Possner, T. Micro-opto-mechanical beam deflectors 54850
Glockner, S. *see* Goring, R. 23022
Gloeckler, R. Use adaptive digital predistortion to simulate a linearization system 21447
Glogas, G. *see* Akay, H.U. 30288
Gloor, D. *see* Stricker, A. 32396
Gloria, A.De *see* De Gloria, A.
Gloria, D.De *see* De Gloria, D.
Glorieux, P. *see* Lepers, C. 13926
Glorieux, P. *see* Milovsky, N.D. 13990
Glorion, C. *see* Dufour, S. 26549
Glos, D. *see* Rangan, V. 8144
Glosch, H. *see* Ashauer, M. 43224
Gloster, L.A.W., Binks, D.J., King, T.A. Single-mode Ti:sapphire laser enhancement by a novel resonator design 3782
Gloster, L.A.W. *see* Dickinson, M.R. 3738
Glotin, F. *see* Prazeres, R. 44591
Glotov, V.A. On the estimate of the von Neumann algorithm 10285
Gloubokov, A. *see* Ryba-Romanowski, W. 14045
Gloukhian, A. *see* Delorme, F. 33505
Gloukhian, A. *see* Nakajima, H. 26910
Gloukhian, A. *see* Ramdane, A. 26813
Gloukhian, A. *see* Zimmermann, G. 52646
Gloutak, R.T., Jr., Alexopoulous, N.G. Two-arm eccentric spiral antenna 45456
Glover, A.C.J. *see* Coutts, D.W. 176
Glover, B.M. *see* Craven, B.D. 10242
Glover, F. *see* Xu, J. 5894
Glover, G. *see* Graham Sommer, F. 49774
Glover, G.H. *see* Yihong Yang 7992
Glover, I.A. *see* Jones, S.M.R. 24474
Glover, I.A. *see* Yusoff, M.M.B.M. 24473
Glover, J.R., Jr. *see* Marshall, B.H., Jr. 5671
Glover, M.D., Parkerson, J.P., Schaper, L.W. A signal-noise comparison of the interconnected mesh power system (IMPS) with a standard four-layer MCM topology 1875
Glowacka, D. *see* Polushkin, V. 48443
Glowacki, B.A., Robinson, E.A., Ashworth, S.P. An apparatus for the transport current versus magnetic field measurements in LN_2 in the temperature range 77-124 K 58950
Glowacki, B.A. *see* Ciszek, M. 43741
Glowacki, F. *see* Sagnes, I. 22595
Glower, D. *see* Drezek, R. 59530
Glownia, J.H., Gnass, D.R., Sorokin, P.P. An optical scheme for enhancing the performance of the F_2 (157 nm) laser; a possible F_2 two-photon femtosecond pulse generator 13921
Gluche, P. *see* Vescan, A. 54687
Gluck, M., Hackbarth, T., Konig, U., Haas, A., Hock, G., Kohn, E. High f_{max} n-type Si/SiGe MODFETs 31495
Gluck, M. *see* Hagelauer, R. 31193
Gluck, N.S. *see* Motamedi, M.E. 58848
Gluck, P.R., Morales, S. Applying a general spacecraft power subsystem architecture to perform multimission simulation 18667
Gluckstern, R. *see* Miller, R.H. 49048
Glueckstein, J.C., Evans, M.M.R., Nogami, J. Surface unwetting during growth of Ag on Si(001) 10844
Glunz, S.W., Hebling, C., Warta, W. Lifetime and material characteristics of multicrystalline silicon measured with high spatial resolution 12191
Glunz, S.W., Schumacher, J., Warta, W., Knobloch, J., Wettling, W. Solar cells with mesh-structured emitter 51560
Glunz, S.W. *see* Knobloch, J. 39192
Gluschenkov, O. *see* Myoung, J.M. 2004
Glushankov, Ye.I. *see* Batenkov, A.A. 34584
Glushchenko, A.V., Kresse, H., Reznikov, Yu.A., Yaroshchuk, O.V. Memory effect in filled nematic liquid crystals 13550
Glushko, E.V., Ptichnikov, A.V., Tikunov, V.S. Using geoinformation system and space imagery to monitor environmental changes in the Aral Sea ecological disaster area 18923
Glushko, E.Y. Interference modes of an electromagnetic field in a layered structure 42198
Glushkov, D.A. *see* Sorokin, B.P. 13239
Glushkov, I.S., Kareev, Yu.A., Kotova, L.G., Kuharenko, A.T., Halimullin, Yu.A. Investigation of techniques to increase armature transition velocity 33896
Glusker, B.N. *see* Shvartz, A.L. 29113
Gluskin, E. *see* Ilinski, P. 37065
Gluskin, I.Z. *see* Yakimets, I.V. 8948
Gluzkin, I.Z. *see* Yakimets, I.V. 28814
Gluzman, R. *see* Bratin, P. 829
Gluzman, R. *see* Bratin, P. 1836
Glynn, D. *see* Noll, T.E. 45465
Glytsis, E. *see* Cruz-Rivera, J.L. 1459
Glytsis, E.N. *see* Anemogiannis, E. 54199
Glytsis, E.N. *see* Brundrett, D.L. 181
Glytsis, E.N. *see* Cruz-Rivera, J.L. 57916
Glytsis, E.N. *see* Guthrie, D.K. 9859
Glytsis, E.N. *see* Guthrie, D.K. 22447
Glytsis, E.N. *see* Moniri-Ardakani, S.M. 4310
Glytsis, E.N. *see* Sakis Meliopoulous, A.P. 38336
Gmachl, C. *see* Golshani, A. 55662
Gmaj, P. *see* Calabretta, L. 49145
Gmelin, E. *see* Forster, R. 7292
Gmur, N.F. *see* Johnston, R.E. 37639
Gmyrek, Z. Simulation of currents in a squirrel-cage induction motor fed by PWM voltage inverter 51010
Gmyrek, Z. Calculations of power loss components in an induction motor fed by PWM voltage inverter 51011
Gmyrek, Z. *see* Witczak, P. 50965
Gn, F.H., Li, Q., Chan, L., Chooi, S. Process integration of TDEAT-based MOCVD TiN as diffusion barrier for advanced metallisation 54251
Gnanasekaran, T. *see* Jayaraman, V. 27759
Gnappi, G. *see* Montenero, A. 831
Gnass, D.R. *see* Glownia, J.H. 13921
Gnatchenko, S.L. *see* Sugg, B. 14443
Gnatovsky, O. *see* Pryadko, L. 14462
Gnauck, A.H. *see* Lunardi, L.M. 26733
Gnauck, A.H. *see* Veselka, J.J. 26757
Gnauck, A.H. *see* Young, M.G. 26833
Gnazzo, A., Barla, A., De Barnardi, C. Improved analysis and design of waveguide Bragg grating filters for wavelength division multiplexing applications 44018
Gnedin, I.N. *see* Bochkov, V.D. 24377
Gneiting, T., Jalowiecki, I. The prediction of circuit performance variations for deep submicron CMOS processes 32555
Gnewuch, H., Roman, J.E., Harris, R.D., Wilkinson, J.S., Ulrich, R. Measurement of complex coupling coefficients of directional coupling by thermo-optic modulation 44023
Gniadek, K. Intensity-controlled nonreciprocal coupler 55272
Gniewek, L., Holota, B. Implementation of fuzzy logic circuits using lattice ispLSI chips. I. Combinational circuits 53260
Gniewinska, B. *see* Kalinowska, B. 32758
Gniewinska, B. *see* Lisowiec, A. 17167
Gninenko, S. *see* Alexeev, G. 59200
Gnoth, D. *see* Evans, D.A. 2245
Gnoth, D.N., Poole, I.B., Ng, T.L., Evans, D.A., Maung, N., Williams, J.O., Wright, A.C. Growth process studies by reflectance anisotropy spectroscopy on MOVPE ZnSe 40346
Go, H., Kono, I., Sasaki, G. Compact optical module for EDFA 13995
Go, P. *see* Lockledge, J. 20503
Go Bong Choi *see* Hee Jin Lim 47264
Go Jeung Sang *see* Jeung Sang Go
Goad, C.C., Grejner-Brzezinska, D.A., Yang Ming Determination of high-precision GPS orbits using triple differencing technique 36070
Goaer, G. *see* Laugier, A. 39016
Goaer, G. *see* Martinuzzi, S. 39018
Goano, M. *see* Ghione, G. 53696
Gobbi, A.L. *see* Lima, C.R.A. 44603
Gobbi, B. *see* Amos, N. 37445
Gobbi, B. *see* Cremaldi, L. 59262
Gobbi, B. *see* Miyamoto, J. 59269
Gobbi, J.-M. *see* Hellberg, L. 58057
Gobbi, L. *see* Corsini, R. 14025
Gobbi, P.G. *see* Agnesi, A. 33457

Gobbi, R. ACTS Project EXODUS: an experiment to interwork the present with the future 26627
Gobbi, R. *see* Ciancetta, C. 47283
Gobbo, B. The BABAR experiment and its silicon vertex tracker 59234
Gobbo, G.Del *see* Del Gobbo, G.
Gobel, E.O. *see* Mackh, G. 22316
Gobel, E.O. *see* Mackh, G. 22369
Gobel, H., Benstetter, G. Interfaces for fast semiconductor memories 11445
Gobel, L., Hofmann, W. A small linear stepper motor–construction and control 60811
Gobel, T. *see* Voigt, A. 39022
Gobert, Y., Tasker, P.J., Bachem, K.H. A physical, yet simple, small-signal equivalent circuit for the heterojunction bipolar transistor 22788
Gobin, I. *see* Richou, B. 55952
Gobin, R. *see* Beauvais, P.-Y. 37207
Gobl, G., Almehag, L., Johansson, U., Andersson, L. ARIDEM: a multi-service broadband access demonstrator 47430
Gobong Choi *see* Jooseok Song 26316
Gobovic, D. *see* Hsu, C.C. 1656
Gobrecht, J. *see* Padeste, C. 48696
Gobronidze, V. *see* Jishiashvili, D. 54281
Gobsch, G. *see* Cole, B.E. 2144
Goch, G. *see* Schmitz, B. 350
Goch, G. *see* Seidel, U. 40744
Gockel, N., Drechsler, R. Influencing parameters of evolutionary algorithms for sequencing problems 52979
Gockel, N., Drechsler, R., Becker, B. A multi-layer detailed routing approach based on evolutionary algorithms 52934
Gockel, N., Pudelko, G., Drechsler, R., Becker, B. A hybrid genetic algorithm for the channel routing problem 13069
Gockel, N. *see* Drechsler, R. 24802
Gockel, N. *see* Drechsler, R. 52959
Gockenbach, E., Schiller, G. The influence of the material conditions on the breakdown behaviour of XLPE-samples at voltages of different shapes 19342
Gockenbach, E. *see* Dumke, K. 13290
Gockenbach, E. *see* Dumke, K. 23153
Gockenbach, E. *see* Farahat, M.A. 11812
Gockenbach, E. *see* Garnacho, F. 50672
Gockenbach, E. *see* Krins, M. 19805
Gockenbach, E. *see* Krins, M. 23241
Gockenbach, E. *see* Krins, M. 43555
Gockenbach, E. *see* Schichler, U. 19335
Gockenbach, E. *see* Wenzel, D. 9313
Gockenbach, E. *see* Wenzel, D. 51087
Gockner, L., Heinrici, M. Adjustable compressor guide rows in practical operation–operating experience of WIENSTROM at Simmering Power Station on gas turbines of the V 93.2 and V 93.3 types 9106
Goda, A. *see* Misaka, A. 43298
Goda, B.S., Sayles, A.H., Gray, D.C. One approach to multidisciplinary senior design projects 20497
Godakumbura, S.D. *see* Kularatna, A.D.V.N. 60882
Godambe, N.J. *see* Shi, C.-J.R. 11138
Godard, B. *see* Boher, P. 12622
Godard, B. *see* Stehle, M. 13725
Godard, J. *see* Aka, G. 14037
Godard, R., Chang, J.S., Kaneda, T. Validity of the theories for the measurement of electric fields and conductivity in the stratosphere 60065
Godard, R. *see* Chang, J.S. 44915
Godbold, C.Van *see* Van Godbold, C.
Godbole, K. *see* Mukherjee, S. 53359
Godby, J. The continuing evolution of intelligence for telecommunications power plants 50341
Godcharles, D. *see* Paquin, J.P. 10190
Goddard, B. *see* Xu, N.S. 43443
Goddard, B.J., Kalbreier, W., Xu, N.S., Latham, R.V., Taylor, W., Chivers, D. The effects of UV radiation and electron bombardment on the flashover characteristics of alumina based high voltage insulators in vacuum 27983
Goddard, P. *see* Dickson, S. 7899
Goddard, R. *see* Kia, T. 49844
Godden, D. *see* McAdams, R. 7756
Godden, P. Rejuvenation of switchboards 51397
Godeke, A. *see* ten Haken, B. 43769
Godet, C. *see* Ebothe, J. 30895
Godet, C. *see* Etemadi, R. 30917
Godfroid, H. *see* Ben Ammar, F. 51885
Godichon, A. Criteria for the choice of fans for use in thermal power plant applications 50769
Godignon, P., Fernandez, J., Flores, D., Hidalgo, S., Rebollo, J., Millan, J., Chante, J.P. Design considerations of a MOS-bipolar Darlington structure: the vertical insulated base transistor (IBT) 22805
Godignon, P. *see* Flores, D. 12913
Godignon, P. *see* Flores, D. 42974
Godignon, P. *see* Morvan, E. 42417
Godijn, R.T. *see* Westra, J.R. 40958
Godin, G. *see* Soucy, M. 57259
Godin, O.A., Mikhin, D.Yu. An opportunity for improved observation of ocean currents in the coastal zone 50106
Godin, R. Application of eutectic solder using solder jetting technology 22036
Godin, R., Pearson, S., Lasky, R. A novel process for solder deposition 41677
Godinho, O.E.S. *see* Nakatani, H.S. 7449
Godinovic, N. *see* Alexeev, G. 59200
Godivier, X. *see* Chapeau-Blondeau, F. 45879
Godlewski, F., Bergman, P., Monemar, B., Kurtz, E., Hommel, D. Influence of strain conditions on exciton dynamics and on thermal stability of photoluminescence of ZnCdSe/ZnSe quantum wells 12374
Godlewski, J. *see* Beringer, J. 37394
Godlewski, J. *see* DeWitt, J. 59243
Godlewski, J. *see* Jarosz, G. 55395
Godlewski, J. *see* Sadrozinski, H.F.W. 37399
Godlewski, M., Bergman, J.P., Monemar, B., Kurtz, E., Hommel, D. Influence of growth conditions on optical properties of ZnCdSe/ZnSe quantum wells grown by molecular beam epitaxy 12415
Godlewski, M., Bergman, J.P., Monemar, B., Rossner, U., Barski, A. Optical properties of GaN epilayers grown by gas source molecular beam epitaxy on AlN buffer layer on (111) Si 12231
Godlewski, M., Holz, P.O., Bergman, J.P., Monemar, B., Reginski, K., Bugajski, M. Inter-island energy transfer in AlGaAs/GaAs quantum wells grown by molecular beam epitaxy 12435
Godlewski, M., Kopalko, K., Wojtowicz, T., Karczewsi, G., Kossut, J., Bergman, J.P., Monemar, B. Comparison of optical properties of CdTe/CdMnTe quantum wells grown by molecular beam and atomic layer epitaxy 12436
Godlewski, M. *see* Bugajski, M. 12400
Godlewski, P. *see* Samou, J.C. 47278
Godlin, G.R. Implement DSP functions in FPGAs to reduce cost and boost performance 31182
Godlove, T.F. *see* Bernal, S. 59136
Godlove, T.F. *see* Reiser, M. 59138
Godlove, T.F. *see* Venturini, M. 59137
Godone, A. *see* Andreone, D. 27808
Godone, A. *see* Brida, G. 36935
Godone, A. *see* Levi, F. 27259
Godoy, A., Gamiz, F., Palma, A., Jimenez-Tejada, J.A., Carceller, J.E. Random telegraph signal amplitude in submicron n-channel metal oxide semiconductor field effect transistors 54661
Godoy, A. *see* Rojas, J.E. 50124
Godoy Fo, J. *see* Diniz, J.A. 12776
Godshalk, E. *see* Lutz, R.D. 53639
Godsill, S.J., Rayner, P.J.W. Robust noise reduction for speech and audio signals 15072
Godsill, S.J. *see* Chan, D.C.B. 15077
Godskesen, J.C. Telecommunications service validation and interaction detection 46954
Godson, D. Hampshire e-mail project 6019
Godsvang, P. *see* Berger, M. 58369
Godtliebsen, F. *see* Sebastiani, G. 56711
Godts, P. *see* Kropfeld, P. 41739
Goebel, D.M., Ponti, E.S., Feicht, J.R., Watkins, R.M. PASOTRON high-power microwave source performance 54000
Goebel, D.M. *see* Matossian, J.N. 1896
Goebel, D.M. *see* Ponti, E.S. 53981
Goebel, E.O. *see* Protzmann, H. 40340
Goebel, E.O. *see* Rettig, R. 52664
Goebel, E.O. *see* Spika, Z. 40354
Goebel, R., Pello, R., Kohler, R., Haycocks, P., Fox, N. Comparison of the BIPM cryogenic radiometer with a mechanically cooled cryogenic radiometer from the NPL 17161
Goebel, R., Yilmaz, S., Pello, R. Polarization dependence of trap detectors 27556
Goebel, R. *see* Kohler, R. 48285
Goebel, R. *see* Kohler, R. 48302
Goeckel, D.L., Stark, W.E. Optimal diversity allocation in coherent multiuser systems 58100
Goeckeler, C.R. Capacitor controls lead to improved service [of distribution system] 38351
Goede, A.P.H. *see* de Valk, J.P.J.M.M. 60039
Goedel, W. *see* Fujii, K. 12464
Goedert, R., Becker, R., Clements, A., Whittaker, T., III Time-resolved shadowgraphic imaging of nonlinear liquids and suspensions 24219
Goedertier, W. *see* De Baetselier, E. 290
Goedgebuer, J.-F. *see* Porte, H. 44078
Goedgebuer, J.P., Porte, H., Elflein, W. Coherence multiplexing and applications to distributed microsensors and integrated optics 7647
Goedgebuer, J.P. *see* Gutierrez-Martinez, C. 36080
Goedgebuer, J.P. *see* Mazurenko, Yu.T. 16788
Goedicke, K. *see* Schiller, N. 40533
Goedickemeier, M., Sasaki, K., Gauckler, L.J., Riess, I. Perovskite cathodes for solid oxide fuel cells based on ceria electrolytes 29612
Goedickemeier, M. *see* Riess, I. 29605
Goedkindt, P. *see* MacPhee, A.G. 13967
Goedkoop, J.B. *see* Dallera, C. 7847
Goedseels, V. *see* Geers, R. 59388
Goedvolk, E.J. *see* Rosier, J.C. 25683
Goeke, M. *see* Mange, D. 1288
Goel, A., Shevgaonkar, R.K. Wide-band dispersion compensating optical fiber 13586
Goel, A. *see* Schoen, K.J. 54263
Goel, A.K., Bapat, P.S. A new time-position algorithm for the modeling of multilevel carry skip adders in VHDL 11319
Goel, A.K., Misra, N. A scheme for pseudo-exhaustive test generation in the repairable programmable arrays 11386
Goel, A.K., Mohun, V.T. Modeling of transverse propagation delays in a GaAs MESFET 54678
Goel, G.K. *see* Sen Gupta, A. 48956
Goel, M., Shanbhag, N.R. Low-power adaptive filter architectures via strength reduction 11584
Goel, M. *see* Shanbhag, N.R. 57945
Goel, N. *see* Khoshgoftaar, T.M. 5918
Goel, N.S. *see* Wenhan Qin 8534
Goel, Oe. Discrete circuit modelling of electrical machines 29318
Goel, Oe. *see* Nafalski, A. 36855
Goeldel, C. *see* Betin, F. 60820
Goeldel, C. *see* Betin, F. 61172
Goeldel, C. *see* Robert, B. 51342
Goeman, S. *see* Demeulenaere, B. 33552
Goenka, L., Achari, A. Void formation in flip chip solder bumps. II 22097
Goepfert, I.D. *see* Korakakis, D. 21265
Goepfert, I.D. *see* Schubert, E.F. 12636
Goer, A.J.van de *see* van de Goer, A.J.
Goer, K.A.Van *see* Van Goer, K.A.
Goerg, P. *see* Froidure, J.-C. 6738
Goernert, P. Crystal growth and crystalline layers of high temperature superconductors: characterization and application 55077
Goernert, P. *see* Batlle, X. 3162
Goernert, P. *see* Por, P.T. 13466
Goernert, P.N. *see* Jordan, J. 59938
Goerres, M.D.Hanna *see* Hanna Goerres, M.D.
Goertemiller, M. *see* Lee, X.Y. 38977
Goertemiller, M. *see* Wei Chang 33315
Goertzen, B.J., Richling, K.G., Mitkas, P.A. Implementation of a volume holographic database system 23460
Goesele, U.M. *see* Kopperschmidt, P. 43753
Goethals, A.M., Vertommen, J., Van Roey, F., Yen, A., Tritchkov, A., Ronse, K., Jonckheere, R., Van Den Hove, L. Top surface imaging and optical proximity correction: a way to 0.18 μm lithography at 248 nm 2523
Goethals, A.M. *see* Kim, K.-H. 2549
Goetschel, R.H., Jr., Craine, W.L., Voxman, W. Fuzzy transversals of fuzzy hypergraphs 10304
Goettmann, W. Miniature g-measuring system 17209
Goetz, B. *see* Lindner, J.K.N. 21333
Goetz, I. Achieving the customer's desire, challenges facing designers of future mobile system audio visual services 47826
Goetz, M. *see* Fischer, D. 39129
Goetz, M. *see* Hof, C. 39130
Goetz, M. *see* Karnezos, M. 242
Goetz, M. *see* Keppner, H. 39031
Goetz, M.P., Ciaschi, A., Papageorge, M., Tarter, T.S., Cramer, H., Hawks, D. Cost-performance analysis of high pin count surface mount plastic IC packages 20943
Goetz, P., Kumar, S., Miikkulainen, R. On-line adaptation of a signal predistorter through dual reinforcement learning 47856
Goetz, P.M. *see* Rajavel, R.D. 27578
Goetz, R. *see* Gerhart, G. 19017
Goetz, V., Spinner, B., Lepinasse, E. A solid-gas thermochemical cooling system using $BaCl_2$ and $NiCl_2$ 39435
Goetzberger, A. Synergies in solar energy 50694
Goetzberger, A. *see* Voss, K. 50852
Goetze, W. *see* Furstenau, N. 49952
Goff, A.Le *see* Le Goff, A.
Goff, R.C. *see* Tauss, J.W. 59982
Goff, S.Le *see* Le Goff, S.
Goffaux, R., Krecke, M. Contribution to the evaluation of the hoped-for service gain resulting from the reversal of the neutral point of the stator winding of HVAC machines 29218
Goffin, F., Delaigle, J.F., De Vleeschouwer, C., Macq, B., Quisquater, J.-J. A low cost perceptive digital picture watermarking method 57344
Goffin, J.-L., Marcotte, P., Daoli Zhu An analytic center cutting plane method for pseudomonotone variational inequalities 30515
Gofman, V.A. *see* Bragilevskii, E.L. 19737
Gofman, Y., Kiryati, N. Detecting symmetry in grey level images: the global optimization approach 5314
Goforth, R.E. *see* Edgecumbe Summers, T.S. 52836
Gofuku, A., Numoto, A., Yoshikawa, H., Tanaka, Y. Fast prediction technique of plant behaviour in an emergency situation by using similar cases 38519
Gofuku, E. *see* Tanabe, S. 41588
Gog, T. *see* Len, P.M. 44765
Gogala, A. *see* Jerman-Blazic, B. 6250
Gogani, E. *see* Hui, S.Y.R. 51351
Gogate, N., Panwar, S.S. Assigning customers to two parallel servers with resequencing 35769
Goggin, S.D.D., Janson, S.D. Shape features for recognition of pap smear cells 28062
Gogineni, P. *see* Chakrabarti, S. 8337
Gogineni, S. *see* Allen, C. 18871
Goglia, P. *see* Yufeng Li 13439
Gogniat, G. *see* Freund, L. 1326
Gogoi, A.K., Raghuram, R. Analysis of VLF loop antennas on the Earth surface for underground mine communication 34280
Gogoi, A.K. *see* Dasgupta, C. 34337
Gogoi, B.P., Mastrangelo, C.H. A low-voltage force-balanced barometric pressure sensor 48483
Gogoi, B.P. *see* Man, P.F. 40567
Gogolides, E., Tzevelekis, D., Grigoropoulos, S., Tegou, E., Hatzakis, M. Wet silylation and oxygen plasma development of photoresists: A mature and versatile lithographic process for microelectronics and microfabrication 2487
Gogolides, E. *see* Tegou, E. 42828
Gogolla, T. *see* Garcus, D. 58775

Goguenheim, D. *see* Bravaix, A. 43102
Goh, C.J. *see* Yang, X.Q. 40099
Goh, C.K., Lim, Y.C. An efficient weighted L_p algorithm for the design of quadrature mirror filters 45843
Goh, H. *see* Nakayama, W. 30960
Goh, K.L., Liew, S.C., Hasegawa, B.H. Energy-dependent systematic errors in dual-energy X-ray CT 59497
Goh, S.-C., Lee, S., Chee, S., Park, S., Lee, D. The extended LFSRs and their applications to the high speed data protections 45598
Goh, T. Simulated annealing optimization in Chamfer matching 35005
Goh, T.N. Economical experimentation via 'lean design' 140
Goh, W.B., Chong, M.N., Kalra, S., Krishnan, D. Bi-directional 3D auto-regressive model approach to motion picture restoration 25421
Goh, W.L., Montgomery, H., Raza, S.H., Armstrong, B.M., Gamble, H.S. Electrical characterization of dielectrically isolated silicon substrates containing buried metallic layers 54743
Goh, Y.H. *see* Ling, C.H. 43048
Goh Chee-Kiang *see* Chee-Kiang Goh
Gohar, I.A., Moustafa, Y.M., Megahed, A.A., Mansour, E. Switching characteristic of barium vanadate glasses doped with iron oxide 41996
Gohda, S. *see* Tanaka, H. 32672
Gohda, Y. *see* Tamura, T. 58920
Gohde, S.C. *see* Ladd, M.E. 7888
Gohlar, T. *see* Clifton, J.C. 58103
Gohs, U. Application of an alanine dosimetry system for industrial irradiation and radiation protection 28469
Goi, A. Current status for development of vehicular radar system using millimeter wave in Japan 58472
Goi, T. *see* Kaneko, M. 56197
Goi, Y. *see* Yasuda, M. 46451
Goiffon, A. *see* Palmier, D. 10596
Goiffon, T. *see* Bezaguet, A. 49013
Goifman, R.R., Saito, N. The local Karhunen-Loeve bases 34915
Goiran, M. *see* Knap, W. 54169
Goiran, M. *see* Postava, K. 32801
Goiser, A.M.J., Berger, G.L. Synchronizing a digital GPS receiver 6996
Goix, M. *see* Ducellier, T. 47962
Gojo, M., Cikovic, N. Electrochemical deposits of gold in transistor assembling process 30863
Gojyuki, M. *see* Yopshino, T. 58706
Gokdemir, T. *see* Khalid, A.H. 21968
Gokhale, A.S. *see* Schmidt, D.C. 35662
Gokhale, M., Kaba, J., Marks, A., Kim, J. A malleable architecture generator for FPGA computing 41005
Gokhale, M., Marks, A. Automatic synthesis of parallel programs targeted to dynamically reconfigurable logic arrays 11314
Gokhale, M. *see* Bao, K.X. 40470
Gokhale, M.R. *see* Xu, L. 55693
Gokkavas, M. *see* Ozbay, E. 58754
Gokmen, M. *see* Gultekin, A. 46186
Goknar, I.C. *see* Genc, I. 34757
Gokulakrishnan, S., Chellappan, C., Sankaranarayanan, V. Genetic based topology optimized backpropagation network (OSTOP system) for finger print pattern identification 35373
Golab, S. *see* Ryba-Romanowski, W. 14036
Golab, S. *see* Ryba-Romanowski, W. 14045
Golacki, Z. *see* Gorska, M. 42042
Golacki, Z. *see* Paszkowicz, W. 41965
Golacki, Z. *see* Story, T. 12313
Golan, G., Axelevitch, A., Rabinovitch, E. Bilayer structure of Pd-Al_2O_3 for UV vidicon applications 1956
Golan, G., Pitt, C.W. Novel imaging method in scanning acoustic microscopy for thin films 3026
Golan, G. *see* Grave, I. 23548
Golant, E.I. *see* Belyaeva, I.V. 42140
Golant, K.M. *see* Bubnov, M.M. 13596
Golant, K.M. *see* Dianov, E.M. 33029
Golant, K.M. *see* Dianov, E.M. 43981
Golaszewska-Malec, K. *see* Piotrowska, A. 13899
Golban, G. *see* Tsiulyanu, D. 48564
Golbazi, A. A pre-biased microbending optical sensor 36632
Golben, M., Nechev, K., DaCosta, D.H., Rosso, M.J. A low pressure bipolar nickel-hydrogen battery 61033
Golberg, M.A., Chen, C.S., Karur, S.R. Improved multiquadric approximation for partial differential equations 21173
Gold, G. *see* Lall, P. 233
Gold, M. *see* Antos, J. 37373
Gold, M. *see* Bernstein, B.B. 50222
Gold, S. A PSPICE macromodel for lithium-ion batteries 61021
Gold, S., Rangarajan, A. Softassign versus softmax: benchmarks in combinatorial optimization 52488
Gold, S. *see* Pappu, S. 57047
Gold, S. *see* Ruth, R.D. 49165
Gold, S.H., Hafizi, B., Fliflet, A.W., Kinkead, A.K., Nezhevenko, O.A., Yakovlev, V.P., True, R.B. Development of an X-band magnicon amplifier for the Next Linear Collider–cold cathode experiments and a thermionic design study 7720
Gold, S.H. *see* Hafizi, B. 41788
Gold, S.M. *see* Brown, R.B. 41214
Golda, O. Interactive broadband applications, the role of IN 26323
Goldacker, W. *see* Dhalle, M. 32894
Goldasz, J., Powell, J.A. Response of a two degree of freedom system incorporating an electrorheological damper 957
Goldbach, A. *see* Rau, U. 39207
Goldbach, R. Randomized algorithms in convex programming 493
Goldbacher, A. Review of inductive circuit components 53019
Goldberg, A.C. *see* Beck, W.A. 48660
Gol'dberg, A.S. *see* Kotler, V.P. 29061
Goldberg, B.B. *see* Herzog, W.D. 33496
Goldberg, B.B. *see* Herzog, W.D. 42128
Goldberg, B.B. *see* Herzog, W.D. 55805
Goldberg, B.B. *see* Shankar, P.M. 7980
Goldberg, B.G. The evolution and maturity of fractional-N PLL synthesis 21540
Goldberg, C. *see* Faltermeier, C. 52766
Goldberg, D.E. *see* Weile, D.S. 34381
Goldberg, E. Boundary scan–beyond fiddling 58644
Goldberg, F., Knystautas, E.J. NiTi thin film characterization by Rutherford backscattering spectrometry 10842
Goldberg, H. *see* Padmanabhan, A. 17345
Goldberg, H. *see* Sarjeant, W.J. 51447
Goldberg, I., Wagner, D., Brewer, E. Privacy-enhancing technologies for the Internet 47164
Goldberg, I. *see* Malin, J.I. 3891
Goldberg, I.I. *see* Anashin, V.V. 36549
Goldberg, J. *see* Annis, P. 59237
Goldberg, J. *see* Riba, J. 6447
Goldberg, J. *see* Riba, J. 25121
Goldberg, J. *see* Riba, J. 26570
Goldberg, J.B. *see* Suvrajeet Sen 20546
Goldberg, J.M. Get ready for fiber-optic telecom testing 6719
Goldberg, L. Advanced POTS modems: Mr. Moore, meet Mr. Shannon 26404
Goldberg, L. The Internet in space: problems and solutions 35689
Goldberg, L. Wireless system design: new hope for the RF challenged 35921
Goldberg, L., Ripin, D.J., Snitzer, E., Cole, B. V-groove side-pumped 1.5-μm fiber amplifier 3731
Goldberg, L. *see* Petrov, K.P. 18944
Goldberg, R.D., Mitchell, I.V., Charbonneau, S., Poole, P., Koteles, E.S., Aers, G., Weatherly, G. Ion beam assisted quantum well intermixing 12698
Goldberg, R.D. *see* Labrie, D. 12431
Goldberg, R.D. *see* Noel, J.-P. 14098
Goldberg, R.D. *see* Piva, P.G. 44599
Goldberg, R.L., Emery, C.D., Smith, S.W. Hybrid multi/single layer array transducers for increased signal-to-noise ratio 59416
Goldberg, R.L. *see* Smith, S.W. 18369
Goldberg, S.R., Upadhyaya, S.J., Fuchs, W.K. Recovery schemes for mesh arrays utilizing dedicated spares 31336
Goldberg, S.Y. *see* Poles, E. 2042
Gol'dberg, Yu.A., Tsarenkov, B.V. Tailoring of the quantum efficiency spectrum of GaP surface-barrier photodetectors by optical filters 7330
Goldberger, A.L. *see* Ivanov, P.Ch. 18414
Goldblum, C.E., Lane, D., Press, J.L., Rayadurga, L., Cohen, L. Evanescent modes in a unique mode-stirred chamber the Advanced Technology Chamber (ATC)–design, construction, operation and data 45248
Golden, B. *see* Xiaoyun Sun 15704
Golden, J.I. *see* Curley, S.P. 30383
Goldenberg, A.A. *see* Kircanski, N.M. 59038
Goldenberg, A.L., Manuilov, V.N., Moiseev, M.A., Zavolsky, N.A. Energy spectra of electrons and depressed potential collector in gyrotrons 41790
Goldenberg, B. *see* Morkoc, H. 12362
Goldenberg, L. *see* Gupta, V. 28075
Goldenberg, S. *see* Hur, Y.-M. 52950
Goldenburg, L. *see* Peres, A. 4450
Goldenshluger, A., Nemirovski, A. Adaptive denoising of signals satisfying differential inequalities 56505
Golder, M. *see* Saner, M. 6429
Goldey, C.L., Laughlin, W.T., Popper, L.A. Radiometric probe design for the measurement of heat flux within a solid rocket motor nozzle 49946
Goldfarb, I. Limits of kinematic modelling of superlattice period due to Laue function convergence 3196
Goldfard, V.M. *see* Swallom, D.W. 20053
Goldfeiz, E.B., Mosleh, A. An approach for inclusion of organizational factors into probabilistic safety assessment 30111
Goldgof, D. *see* Kumar, S. 59444
Goldhaber, G. *see* Holland, S.E. 48685
Goldhar, J. *see* Mahgerefteh, D. 13621
Goldhar, J. *see* Mahgerefteh, D. 13999
Goldhar, J. *see* Mahgerefteh, D. 33008
Goldhorn, A. *see* Eisenbach, A. 44319
Goldie, J. Ten ways to bulletproof RS-485 interfaces 26096
Goldie, J. *see* Kempainen, S. 6067
Goldie, J.H. Multi-air gap electric motor provides high torque 60745
Goldie, J.H. *see* Tolikas, M. 29274
Golding, J. *see* Preece, A.W. 37896
Golding, L.A.R. *see* Jianhua Zhou 37878
Golding, W.M. *see* Ekstrom, C.R. 48317
Golding, W.M. *see* Phillips, W.D. 48290
Goldizen, D. *see* Hartmann, G.K. 8419
Goldman, A., Goldman, M., Odic, E., Khabthani, S. Influence of water layers on the electrical behaviour of polymer foils submitted to AC air coronas 2979
Goldman, A. *see* Panaget, M.-P. 9149
Goldman, A.M. *see* Paul, D.K. 47956
Goldman, K. *see* Sooriakumar, K. 27495
Goldman, M. *see* Goldman, A. 2979
Goldman, M. *see* Panaget, M.-P. 9149
Goldman, R., Pollack, S. Conductivity of a chronic wound model 28323
Goldman, R.N. *see* Habib, A.W. 518
Goldman, R.S., Feenstra, R.M., Briner, B.G., O'Steen, M.L., Hauenstein, R.J. Atomic-scale structure and electronic properties of GaN/GaAs superlattices 12430
Goldman, R.S., Kavanagh, K.L., Wieder, H.H., Ehrlich, S.N. Modulation-doped $In_{0.53}Ga_{0.47}As/In_{0.52}Al_{0.48}As$ heterostructures grown on GaAs substrates using step-graded $In_xGa_{1-x}As$ buffers 52622
Goldman, R.S., Kavanagh, K.L., Wieder, H.H., Robbins, V.M., Ehrlich, V.M., Feenstra, R.M. Correlation of buffer strain relaxation modes with transport properties of two-dimensional electron gases 2105
Goldman, S.A., Scott, S.D. A theoretical and empirical study of a noise-tolerant algorithm to learn geometric patterns 46184
Goldmann, A. *see* Stietz, F. 2028
Goldmann, A. *see* Stietz, F. 42550
Goldnau, J. *see* Bohme, R. 28909
Goldner, E.L. *see* Dahlen, N.J. 48168
Goldner, E.L. *see* Patterson, R.A. 27615
Goldner, L.S. *see* Hsu, J.W.P. 55167
Goldobin, E., Wallraff, A., Malomed, B.A., Ustinov, A.V. Delocking of flux-flow states in DC-driven magnetically coupled Josephson junctions 43820
Goldobin, E. *see* Wallraff, A. 3285
Goldreich, O. *see* Bellare, M. 34540
Goldschlag, D.M., Reed, M.G., Syverson, P.F. Hiding routing information 25972
Goldschlag, D.M. *see* Reed, M.G. 25967
Goldschmidt, O., Hochbaum, D.S. k-edge subgraph problems 52490
Goldschneider, J.R., Riskin, E.A. Bit allocation via recursive optimal pruning with applications to wavelet/VQ image compression 25437
Goldschneider, J.R., Riskin, E.A., Ping Wah Wong Embedded color error diffusion 56793
Goldsman, N. *see* Singh, S.P. 22201
Goldsman, N. *see* Wenchao Liang 22856
Goldsmith, C. *see* Randall, J.N. 23026
Goldsmith, G.C., II, Amick, M.A., Jones, L.E. Integration, calibration, and testing of resistor array dynamic infrared scene projector on the outer axis of a five axis flight motion simulator for real time hardware-in-the-loop simulations 28509
Goldsmith, G.C., II *see* Cole, B. 28506
Goldsmith, S. *see* Alterkop, B. 40539
Goldsmith, S. *see* Kaplan, L. 41991
Goldsmith, S. *see* Keidar, M. 22125
Goldsmith, S. *see* Parkansky, N. 22006
Goldsmith, S.D. *see* Stewart, I.C.D. 9030
Goldstein, B. *see* Tang, T.K. 59882
Goldstein, D.H. *see* Roth, P.J. 8689
Goldstein, E.L., Eskildsen, L., Silberberg, Y., Lin, C. Polarization statistics of crosstalk-induced interferometric noise in transparent lightwave networks 26740
Goldstein, J.R., Koretz, B., Harats, Y. Field test of the Electric Fuel™ zinc-air refuelable battery system for electric vehicles 29781
Goldstein, J.R. *see* Koretz, B. 9491
Goldstein, J.S., Kogon, S.M., Reed, I.S., Williams, D.B., Holder, E.J. Partially adaptive radar signal processing: the cross-spectral approach 16847
Goldstein, J.S., Reed, I.S. Performance measures for optimal constrained beamformers 24901
Goldstein, J.S., Reed, I.S. Reduced-rank adaptive filtering 34795
Goldstein, J.S., Reed, I.S. Subspace selection for partially adaptive sensor array processing 56468
Goldstein, J.S., Zulch, P.A., Reed, I.S. Reduced rank space-time adaptive radar processing 16898
Goldstein, L. *see* Bachmann, M. 6715
Goldstein, L. *see* Lestra, A. 2404
Goldstein, S.R., Daube-Witherspoon, M.E., Green, M.V., Eidsath, A. A head motion measurement system suitable for emission computed tomography 28212
Goldstein, Y. *see* Weisz, S.Z. 2068
Goldwasser, S. *see* Bellare, M. 34540
Goldwein, C.H., Lord, S.M. An optoelectronic laboratory for first year students 20589
Gole, A.M., Keri, A., Kwankpa, C., Gunther, E.W., Dommel, H.W., Hassan, I., Marti, J.R., Martinez, J.A., Fehrle, K.G., Tang, L., McGranaghan, M.F., Nayak, O.B., Ribeiro, P.F., Iravani, R., Lasseter, R. Guidelines for modeling power electronics in electric power engineering applications 38858
Gole, A.M. *see* Burton, R.S. 8865
Gole, A.M. *see* Mohaddes, M. 19856
Golea, M. *see* Matsuoka, M. 34530
Golebiowski, L., Lewicki, J. Calculation method of stepping motor dynamics 51064

Golebniak, U. Power supply systems with SPS for electronic interlockings [railways] 39317
Golego, N., Cocivera, M. Characterization of KTiOPO$_4$ thin films grown by spray pyrolysis 40503
Goleman, R. Basic properties of a single-phase hybrid motor prototype 29326
Golenko-Ginzburg, D., Gonik, A. Stochastic network project scheduling with non-consumable limited resources 20799
Golenko-Ginzburg, D., Gonik, A. On-line control model for network construction projects 30099
Golenkov, A.N. *see* Biryukova, I.P. 8573
Goles, E., Margenstern, M. Universality of the chip-firing game 30454
Golfinopoulos, S. *see* Cavouras, D. 28275
Goli, A., Lee, M., Yu-Chin Hsu Architectural exploration using behavioral synthesis 11393
Golias, N.A., Dutton, R.W. Advanced geometric techniques in 3D process simulation 13108
Golias, N.A., Dutton, R.W. Delaunay triangulation and 3D adaptive mesh generation 52580
Golic, J. On period of multiplexed sequences 24769
Golic, J.D. Conditional correlation attack on combiners with memory 4521
Golic, J.D. Edit distance correlation attacks on clock-controlled combiners with memory 24770
Golikov, G. *see* Siegbahn, K. 37529
Golikov, Yu.K., Flegontova, E.Yu. Reconstruction of the mass distribution of charged particles in a periodic electric field 44967
Golikova, O.A. Defects in intrinsic and pseudodoped amorphous hydrated silicon 54106
Golikova, O.A., Kuznetsov, A.N., Kudoyarova, V.Kh., Kazanin, M.M. a-Si:H films fabricated at elevated temperatures by direct-current, magnetron-assisted silane decomposition 10835
Golin, M.J., Young, N. Prefix codes: Equiprobable words, unequal letter costs 14860
Golinelli, P. *see* Reggiani, L. 32350
Golini, D. *see* Smith, M. 33195
Golio, M. *see* Driver, T. 11694
Golio, M. *see* El-Ghazaly, S.M. 58172
Golkowski, C., Flechtner, D., Kerslick, G.S., Nation, J.A. Transverse traveling wave tube amplifier studies 12113
Golkowski, Cz. *see* Flechtner, D. 1904
Golla, D., Knoke, S., Schone, W., Bode, M., Tunnermann, A. Diode-pumped Nd:YAG lasers operating at output powers of several 100 W 14074
Golladay, R.M. *see* Copeland, B.R. 9854
Gollakota, N. *see* Needham, W. 41200
Gollamudi, S., Yih-Fang Huang, Kapoor, S., Nagaraj, S. Set-membership identification for multichannel adaptive equalization 57605
Goller, M. Aspects of radio network planning for railway applications 35997
Goller, V. BITBUS–an old dog still bites! 57846
Golles, M. *see* Malomed, B.A. 55221
Gollhardt, N. *see* Liang, J. 324
Gollin, G.D. *see* Bergeld, T.J. 59334
Gollin, G.D. *see* Bergfeld, T.J. 59333
Gollmann, D. *see* Chen, L. 24767
Gollmann, D. *see* Chen, L. 56283
Gollmann, D. *see* Geiselmann, W. 4572
Gollmann, D. *see* Jianying Zhou 16210
Gollmann, D. *see* Zhou, J. 4557
Golmie, N., Masson, S., Pieris, G., Su, D. Performance evaluation of MAC protocol components for HFC networks 17083
Golmie, N. *see* Chang, Y. 46605
Golmie, N. *see* Chang, Y. 46636
Golnabi, H. Simple capacitive sensors for mass measurements 48442
Golnabi, H., Provence, J.D. RMBITP: a reconfigurable matrix based built in self-test processor 31221
Golnabi, S. *see* Houshmand, A.A. 52300
Golnik, N. *see* Zielczynski, M. 18574
Golob, R., Gubina, F. Power systems security assessment by use of Tellegen theorem 19147
Golob, R., Gubina, F., Debs, A. Improved adjoint network algorithm for online contingency analyses 60279
Golob, R. *see* Grgic, D. 19392
Golobic, J., Vasiljevic, D. Memory elements on the basis of inducted strain in polycarbonate 13560
Golod, D. *see* Wilders, R. 49721
Golomb, S.W., Moreno, O. On periodicity properties of Costas arrays and a conjecture on permutation polynomials 21074
Golonka, L.J., Licznerski, B.W., Nitsch, K., Teterycz, H. Thick-film humidity sensors 36490
Golonka, L.J. *see* Dziedzic, A. 36465
Golonka, L.S. *see* Elias, R.J. 22853
Golovach, E. *see* Rossi, P. 18092
Golovan, A.V., Shevtsova, N.A., Klepatch, A. Neural network system for purposeful behavior based on foveal visual preprocessor 35021
Golovanov, A.V., Zeigarnik, Yu.A., Polyakov, A.F., Meshkov, S.A., Mironov, Yu.R., Nizovskii, V.L., Polishchuk, V.G., Sokolov, N.P. The comparative effectiveness of steam and air cooled gas-turbine blades 29101
Golovanov, L.B., Borzounov, Yu.T., Piskunov, N.M., Tsvinev, A.P., Ball, J., Chesny, P., Gheller, J.M., Guillier, G., Ladygin, V.P., Theure, Ph., Tomasi-Gustafsson, E. A three-cell liquid hydrogen target for an extended focal plane polarimeter 18072
Golovanov, V., Solis, J.L., Lantto, V., Leppavuori, S. Different thick-film methods in printing of one-electrode semiconductor gas sensors 27715
Golovatyuk, V. *see* Andryakov, A. 37226
Golovatyuk, V. *see* Murphy, C.T. 49262
Golovchenko, E.A., Jacob, J.M., Pilipetskii, A.N., Menyuk, C.R., Carter, G.M. Dispersion-managed solitons in a fiber loop with in-line filtering 58277
Golovchenko, E.A. *see* Ding Wang 55813
Golovchenko, E.A. *see* Jacob, J.M. 23485
Golovchenko, E.A. *see* Jacob, J.M. 47964
Golovin, A.B., Khizhnyak, A.B., Sagajdak, R.V. Importance of phase component of inverse population grating for dynamics of ring solid state laser oscillation 14207
Golovin, A.B., Khizhnyak, A.I., Sagajdak, R.V. Diffraction excitation of the TEM$_{00}$ mode of the solid state ring laser 44595
Golovin, M.N., Tinker, L.A., Buzzelli, E.S. Power and performance characteristics of rechargeable zinc-air batteries for long run time portable power applications 61052
Golovkin, S. *see* Annis, P. 59237
Golovkin, S.V. *see* Berkovski, A.G. 12123
Golovkov, A.A. *see* Asnis, L.N. 27790
Golovkov, A.A. *see* Voronov, A.V. 36792
Golovlev, V.V., Garrett, W.R., Chen, C.H. Reverse saturable absorption of C_{60} in liquids irradiated by picosecond and nanosecond laser pulses 24197
Golovnin, I.V. *see* Laptev, G.D. 14064
Golshani, A., Hainberger, R., Freisleben, S., Kock, A., Gornik, E., Gmachl, C., Korte, L. Efficient surface emitting AlGaAs-GaAs laser diodes based on first-order-grating-coupled surface mode emission 55662
Golshani, A. *see* Kock, A. 14115
Golshani, A. *see* Kock, A. 55731
Golshayan, A.K. *see* Por, P.T. 13466
Golston, J., Matusiak, R. Divide and rule (programming of a parallel digital signal processor for video conferencing systems) 21725
Golston, J. *see* Jihong Kim 5513
Goltser, I.V. *see* Kao, Y.-H. 23883
Gol'tsman, G. *see* Kawamura, J. 43870
Gol'tsman, G.N. *see* Verevkin, A.A. 2098
Goltsos, W.C. Radiation-induced loss studies in Er-doped fiber amplifier systems 3723
Gol'tsov, A.Yu. *see* Bugrov, A.E. 55760
Golub', B.I. *see* Evtikhiev, N.N. 55145
Golub, G. *see* Zhaojun Bai 584
Golub, G.H. The singular value decomposition with applications 52547
Golubchik, L. *see* Leung, M.Y.Y. 58555
Golubchikov, A.V., Zaimidoroga, O.A., Smirnov, O.Yu., Sotnikov, A.P. Probing the neutrino magnetic moment with a laboratory source of neutrinos 18091
Golubenko, A.N. *see* Fainer, N.I. 40546
Golubev, A. *see* Kane, C. 60674
Golubev, A.N. Multiphase asynchronous electric drive with an incomplete number of stator-winding phases 51674
Golubev, K.A. *see* Dubenkov, V. 18057
Golubev, S.V., Platonov, Yu.Ya., Razin, S.V., Zorin, V.G. Soft X-ray emission from millimeter-wave electron cyclotron resonance discharge 18147
Golubev, V.B. *see* Achasov, M.N. 37251
Golubev, V.B. *see* Anashin, V.V. 36549
Golubev, V.B. *see* Bukin, D.A. 37447
Golubev, V.B. *see* Bukin, D.A. 37489
Golubev, V.G. *see* Abramov, A.S. 10908
Golubev, V.S. *see* Banishev, A.F. 10054
Golubev, V.S. *see* Galushkin, M.G. 55489
Golubkov, A.A., Makarov, V.A. Boundary conditions for an electromagnetic field on the surface of linear and nonlinear crystals: allowance for weak spatial dispersion and near-surface inhomogeneity of optical properties at the intermedium boundary 34101
Golubov, A.A., Malomed, B.A., Ustinov, A.V. Radiation linewidth of a long Josephson junction in the flux-flow regime 23404
Golubov, A.A. *see* Neurohr, K. 22448
Golubov, A.A. *see* Uhlisch, D. 23398
Golubov, A.A. *see* Wilhelm, F.K. 43804
Golubovic, A. *see* Nikolic, P.M. 54130
Golubovic, B., Bouma, B., Bilinsky, I.P., Fujimoto, J.G., Mikhailov, V.P. Room-temperature cw Cr^{4+}:forsterite laser using an ultrathin crystal pumped in the near-infrared 33446
Golubovic, B., Bouma, B.E., Bilinsky, I.P., Fujimoto, J.G., Mikhailov, V.P. Thin crystal, room-temperature Cr^{4+}:forstefite laser using near-infrared pumping 33435
Golubovic, B. *see* Bouma, B.E. 18289
Golubovic, B. *see* Sanders, G.D. 3859
Golubovic, L. *see* Pavlovic, V. 60124
Golubtsov, I.V., Korobkov, V.I., Barinov, A.S., Karlina, O.K., Ojovan, M.I. Distribution of radionuclides in the process of thermal decontamination of asphalt layers 50225
Golubtsov, P. *see* Zhang, Y. 32229
Golwala, S.R. *see* Shutt, T. 37472
Golyaev, Yu.D. *see* Boiko, D.L. 55545
Golz, A. *see* Bano, E. 32406
Golz, U. *see* Kauff, P. 35191
Gombia, E., Mosca, R., Motta, A., Chaabane, H., Bosacchi, A., Franchi, S. Quasi-Schottky contacts on n-$In_{0.35}Ga_{0.65}As$ epitaxial layers deposited on GaAs substrates 12519
Gombia, E. *see* Coffa, S. 32118
Gombia, E. *see* Rotelli, B. 32357
Gomei, Y. *see* Ashikaga, K. 22680
Gomei, Y. *see* Murooka, K. 30935
Gomes, A.O.S. *see* Santos, S.F.S. 5207
Gomes, A.S.L. *see* Acioli, L.H. 3720
Gomes, A.S.L. *see* Demenicis, L. 55847
Gomes, H.L. *see* Jones, G.W. 22759
Gomes, L. *see* Ranieri, I.M. 10604
Gomes, N.J. *see* Callaghan, P. 21942
Gomes, N.J. *see* Sum, K.C. 44526
Gomes, N.J. *see* Sum, K.C. 55723
Gomes, N.R. *see* Vieira, S.L. 47365
Gomez, B. *see* de Salvador, L. 36231
Gomez, D., Quiros, A., Barrientos, J.M., Morgado, A. Microelectronics education: a learning by doing approach 9888
Gomez, D. *see* Tinoco, T. 22290
Gomez, E., Silva, R., Silva-Andrade, F. SEM and EDS characterization of GaAs layers grown by the close-spaced vapor transport technique at four different geometries using atomic hydrogen as initial reactant 52677
Gomez, F., Adeva, B., Gracia, G., Lopez, M.A., Nunez, T., Pazos, A., Plo, M., Rodriguez, A., Santamarina, C., Vazquez, P. Performance of MSGC with analog pipeline readout 37446
Gomez, J.C., Rego, V., Sunderam, V.S. Efficient multithreaded user-space transport for network computing: design and test of the TRAP protocol 35732
Gomez, J.M., Lopez, O., Montes, M., Bota, S.A., Juvells, I., Herms, A. Implementation and design of a new model of neural network with application to typographical character recognition 53336
Gomez, J.M. *see* Castro, M. 9915
Gomez, L.H. *see* del Alamo, C.M. 15130
Gomez, L.H. *see* Villarrubia, L. 15033
Gomez, L.J. *see* Vergara, G. 41749
Gomez, M. *see* Weisz, S.Z. 2068
Gomez, P., Rodellar, V., Alvarez, A., Mayo, N., Rubio, F., Nieto, V., Perez, M.M. Visual representation of the speech trace using neural networks 4620
Gomez, R. *see* Carrasco, J.M. 50415
Gomez, R.D., Burke, E.R., Madabhushi, R., Mayergoyz, I.D. Erasure processes of magnetic memories at the microscopic level 3214
Gomez, R.D. *see* Cannon, J.A. 13459
Gomez, S. *see* Lamela, H. 46271
Gomez, T.E., Montero de Espinosa, F. Piezocomposites of complex microstructure: theory and experimental assessment of the coupling between phases 32654
Gomez Albarran, M.de las Mercedes *see* de las Mercedes Gomez Albarran, M.
Gomez Briceno, D., Castano, M.L., Garcia, M.S. Stress corrosion cracking susceptibility of steam generator tube materials in AVT (all volatile treatment) chemistry contaminated with lead 9072
Gomez del Moral, J.B., Biglieri, E. Blind identification of digital communication channels with correlated noise 25798
Gomez Exposito, A. *see* Abur, A. 60448
Gomez Lopera, J.F. *see* Garcia-Cabrera, L. 1612
Gomez Ros, J.M., van der Burg, B., Muniz, J.L., Delgado, A. Glow curve control of the maximum readout temperature: application to LiF GR-200 8197
Gomez Ros, J.M. *see* Delgado, A. 18570
Gomez Vela, D., Fernandez, F.J.L., Sanchez, A.V., Olozabal, A.Q. Boundary scan: the concept and its realization. II 1204
Gomez Vela, D. *see* Lucus Fernandez, F.J. 1203
Gomez Vela, D. *see* Quiros Olozabal, A. 1034
Gomez-Alcala, R., Fraile-Pelaez, F.J., Esquivias, I. Theoretical calculation of gain for interdiffused GaAs/AlGaAs quantum well lasers 23994
Gomez-Alcala, R., Fraile-Pelaez, F.J., Esquivias-Moscardo, I. Bandstructure and modal gain of partially interdiffused InGaAs/GaAs/AlGaAs SQW lasers 33487
Gomez-Aleixandre, C. *see* Garcia Poza, M.M. 10868
Gomez-Becerril, D. *see* Espinosa-Perez, G. 9227
Gomez-Cadenas, J.J. Design of a large area silicon tracker for a future neutrino oscillation experiment 59236
Gomez-Cadenas, J.J., Hernando, J.A. Search for $\nu_\mu(\nu_e) \rightleftharpoons \nu_\tau$ oscillations with a detector based on a emulsion-silicon target 37258
Gomez-Gesteira, M. *see* Munuzuri, A.P. 21472
Gomez-Polo, C., Arcas, J., Vazquez, M., Hernando, A. A critical current sensor based on the Matteucci effect of a toroidal Fe-rich amorphous wire 27506
Gomez-Polo, C. *see* Zhukov, A. 3058
Gomez-Reino, C. *see* Bao, C. 13641
Gomez-Reino, C. *see* Jaroszewicz, Z. 13780
Gomez-Trevino, E. *see* Esparza, F.J. 8355
Gomez-Trevino, E. *see* Esparza, F.J. 38037
Gomi, K. *see* Kubozono, R. 16411
Gomi, K. *see* Niitsu, Y. 1011
Gomi, K. *see* Niitsu, Y. 31017
Gomi, T., Ide, K. The development of an intelligent wheelchair 28451
Gomi, T. *see* Miwa, H. 22950
Gomila, G., Rubi, J.M. Non-equilibrium thermodynamic description of junctions in semiconductor devices 31946

Gomila, G., Rubi, J.M. Relation for the nonequilibrium population of the interface states: effects on the bias dependence of the ideality factor 32070
Gomis, P., Suarez, K., Passariello, G., Mendoza, I., Caminal, P., Lander, P. Abnormal intra-QRS signals and late potentials in the high resolution ECG associated with chagasic myocarditis 49679
Gomory, F. *see* Fabbricatore, P. 13487
Gompper, K. *see* Kim, J.I. 38513
Gon, A.W.D.Van der *see* Van der Gon, A.W.D.
Gon Kim Han *see* Han Gon Kim
Gon Kim Il *see* Il Gon Kim
Gon Kim Joong *see* Joong Gon Kim
Gon Kim Min *see* Min Gon Kim
Gon Nam Ki *see* Ki Gon Nam
Gon Yu Syoung *see* Syoung Gon Yu
Gon-Der Liao *see* Gwo-Ching Chang 49790
Goncalves, A. *see* Soares, A.O. 50781
Goncalves, A.P.M. *see* De Moura, M.F.S.F. 52575
Goncalves, F.M., Teixeira, I.C., Teixeira, J.P. Integrated approach for circuit and fault extraction of VLSI circuits 32513
Goncalves, G.J., Cabrita, C.P. On the derivation of induced-voltage and torque formulas for commutator motors 50911
Goncalves, J.G.M. *see* Santos, V. 59095
Goncalves, J.G.M. *see* Sequeira, V. 5301
Goncalves, J.G.M. *see* Sequeira, V. 57258
Goncalves, J.J. *see* Araujo, R.E. 9575
Goncalves, L.C.D. *see* Yavich, B. 54353
Goncalves, N.C., Correia, L.M. Testing the COST231-WI propagation model in the city of Lisbon 26589
Goncalves, P., Baraniuk, R.G. Pseudo affine Wigner distributions 15289
Goncalves, P. *see* Pasquier, M. 45779
Goncalves-Conto, S., Scharer, U., Muller, E., von Kanel, H., Miglio, L., Tavazza, F. Competitive metastable phase in low-temperature epitaxy of $CoSi_2$/Si(111) 52613
Goncharenko, I.A. *see* Grudinin, A.B. 16751
Goncharenko, I.A. *see* Royset, A. 16827
Goncharov, A., Litovko, I., Protsenko, I. Intense ion beam on the quasibrillouin orbit in the magnetic field 24370
Goncharov, A.A. *see* Angeluts, A.A. 44631
Goncharov, I. *see* Kazharsky, O. 55600
Goncharov, I.G., Grachev, A.P., Sovorchevsky, C.A., Beskurnikov, A.Y. Fiber optic interferometer with tuning diode laser for gravity field measurement 58783
Goncharov, L.N. *see* Cowie, A. 13513
Goncharov, V.A. *see* Aleshin, Y.D. 18124
Goncharov, V.A. *see* Cherkasov, F.G. 48845
Goncharov, V.O. *see* Molebny, V.V. 7977
Goncharov, Yu.G. *see* Maev, R.G. 36852
Goncharova, O.V. Picosecond all-optical switching in thin-film Fabry-Perot interferometers and cavityless devices 44650
Goncharova, O.V., Tikhomirov, S.A. Picosecond spectral brightening and darkening in thin-film matrices activated by microcrystals 44724
Gonchukov, S.A. *see* Sundukov, A.V. 8098
Gonda, A. *see* Takikawa, K. 4963
Gonda, E. *see* Yamanouchi, K. 13394
Gonda, P. *see* Heger, F. 38411
Gonda, S. *see* Doi, K. 31964
Gonda, S. *see* Iwata, K. 30736
Gonda, S. *see* Yamamoto, K. 30754
Gondal, I., Kalam, A. Simulation of adaptive interference cancellation schemes for power line carrier systems 16522
Gondeev, N.Yu. *see* Maksimov, M.V. 44463
Gondek, J.J., Wojewodzki, T.H., Parzelka, Z. New polymer thick-film temperature sensor with a switch-over TCR 58698
Gondek, L. The analysis of design ability of the anthropomorphic co-ordinator (to the co-ordinators measurements and position accuracy of the industrial robots) 7151
Gondermann, J., Rower, T., Hadam, B., Koster, T., Stein, J., Spangenberg, B., Roskos, H., Kurz, H. A triangle-shaped nanoscale metal-oxide-semiconductor device 23008
Gondermann, J., Schiepanski, J., Hadam, B., Koster, T., Rower, T., Stein, J., Spangenberg, B., Roskos, H., Kurz, H. New concept for ultra small N-MOSFET's 43039
Gondermann, J. *see* Koster, T. 43132
Gondra, F. *see* Olabe, M.A. 35452
Gondra, F. *see* Olabe, M.A. 35454
Gondran, C., Siebert, E., Yocoub, S., Novokov, E. Noise of surface bio-potential electrodes based on NASICON ceramic and Ag-AgCl 18472
Gondran, C. *see* Mendicino, M.A. 42303
Gondran, C. *see* Smith, S. 7153
Gondran, C. *see* Smith, S. 30171
Gondzio, J. Another simplex-type method for large scale linear programming 10335
Gondzio, J. Presolve analysis of linear programs prior to applying an interior point method 40123
Goneid, A. Image encryption using n-dimensional reversible cellular automata 15860
Gonella, F., Mattei, G., Mazzoldi, P., Cattaruzza, E., Arnold, G.W., Battaglin, G., Calvelli, P., Polloni, R., Bertoncello, R., Haglund, R.F., Jr. Interaction of high-power laser light with silver nanocluster composite glasses 3954
Gonella, F. *see* de Marchi, G. 13650
Gonen, E., Mendel, J.M. Beamspace virtual-ESPRIT 4874
Gong, B. *see* Koga, T. 51670
Gong, C.-D. *see* Zhu, J.-X. 31955
Gong, D.W. *see* Wang, J.B. 2155
Gong, F.F., Shen, H.M., Wang, Y.N. Structures and defects induced during annealing of sputtered near-equiatomic NiTi shape memory thin films 2861
Gong, G.Q. *see* Sun, J.Z. 3260
Gong, H., Ong, C.K. New observation of surface pre-breakdown of polymethyl-methacrylate in vacuum with a scanning electron microscope 2973
Gong, H., Ong, C.K. Discharging behaviour on insulator surfaces in vacuum: a scanning electron microscopy observation 54881
Gong, H. *see* Song, Z.G. 54980
Gong, J., Cheng-Kok Koh, Kwok-Shing Leung Simultaneous buffer and wire sizing for performance and power optimization 11036
Gong, J. *see* Volakis, J.L. 45441
Gong, J.P. *see* Matsumoto, S. 10981
Gong, J.P. *see* Osada, Y. 10980
Gong, K. *see* Ferkinhoff, D. 16982
Gong, K.F. *see* Nguyen, C.T. 4897
Gong, K.F. *see* Nguyen, C.T. 25076
Gong, L. *see* Deng, R.H. 6017
Gong, L.H. *see* Zhang, L. 51876
Gong, S.M. *see* Postrekhin, E.V. 13489
Gong, W. *see* Wieman, H. 59275
Gong, X.Y., Yamaguchi, T., Kan, H., Makino, T., Rowell, N.L., Lacroix, Y., Mangyou, A., Aoyama, M., Kumagawa, M. Mid-infrared photoluminescence from liquid phase epitaxial $InAs_{1-y}Sb_y$/InAs multilayers 41935
Gong, Y.Q. *see* He, X.D. 44813
Gong Ailing *see* Yang Qimin 14469
Gong Ailing *see* Ailing Gong
Gong Changde *see* Changde Gong
Gong Dijin *see* Dijin Gong
Gong Dong *see* Dong Gong
Gong Fang *see* Feng Tianwu 58055
Gong Fengmin *see* Fengmin Gong
Gong Ge *see* Ge Gong
Gong Guang *see* Guang Gong
Gong Guoli *see* Zhang Peihong 19790
Gong Jeng *see* Jeng Gong
Gong Jian *see* Li Liyuan 46338
Gong Jian *see* Jian Gong
Gong Jun *see* Zhang Yancao 2718
Gong Ke, Chen Minghui, Zhao Youping Study on millimeter-wave propagation in building 36075
Gong Ke *see* Feng Zhenghe 58461
Gong Ke *see* Gao Baoxin 53679
Gong Leiguang *see* Leiguang Gong
Gong Li *see* Li Gong
Gong Lian *see* Lian Gong
Gong Lifu *see* Lifu Gong
Gong Peng *see* Peng Gong
Gong Wei-Bo *see* Wei-Bo Gong
Gong Xinowu *see* Lou Xu 2616
Gong Xiong *see* Wu Pengfei 14467
Gong Xiong *see* Xiong Gong
Gong Yaohuan *see* Liu Zhong 15152
Gong Yifan *see* Ma Xiaohui 56407
Gong Yifan *see* Yifan Gong
Gong Yongqing *see* He Xingdao 44775
Gong Yu *see* Liu Zhong 15152
Gong Yubin *see* Yu Guofen 54004
Gong Yunzhan The complexity analysis of fault simulation algorithm for digital circuits 53159
Gong-Ming Chang *see* Chang Gong-Ming
Gong-Ru Lin *see* Ci-Ling Pan 3575
Gong-Shing Chiou *see* Hsiu-Fung Cheng 54953
Gonget, N., Arques, P.Y., Martinet, L. Simulation of surveillance radar waveform fitted for anti-stealthness and for counter countermeasures 58428
Gongfan Huang *see* Zhengdong Li 33700
Gongfan Huang *see* Huang Gongfan
Gonghai Ren *see* Ren Gonghai
Gongjiu Jin, Jones, B.K. The effect of traps at the free surface of GaAs field effect transistors 2638
Gonglewski, J. *see* Dayton, D. 15943
Gonglewski, J.D., Highland, R.G., Dayton, D.C., Sandven, S.S., Rogers, S.C., Browne, S.L. ADONIS: Daylight imaging through atmospheric turbulence 27649
Gongora-Alfaro, J.L. *see* Heredia-Lopez, F.J. 48376
Gongsan Yu, Marcellin, M.W., Liu, M.M.K. Recovery of video in the presence of packet loss using interleaving and spatial redundancy 57103
Gongxin Yu *see* Yu Gongxin
Gongyu Zhou *see* Zhou Gongyu
Gongyun Zhao *see* Jie Sun 52513
Goni, A.R. *see* Li, G.H. 22383
Goni, A.R. *see* Liu, Z.X. 22352
Goni, A.R. *see* Ulrich, C. 22283
Goniche, M. *see* Seki, M. 11644
Gonik, A. *see* Golenko-Ginzburg, D. 20799
Gonik, A. *see* Golenko-Ginzburg, D. 30099
Gonik, Ya.Ye. *see* Dmitriyev, K.S. 50600
Gonka, J., Nyklinski, A., Rams, W. The measuring investigation of transient temperature states of induction machines 9215
Gonmori, A. *see* Tomioka, Y. 58485
Gonmori, H. *see* Ishibashi, K. 44928
Gonnard, P. *see* Brissaud, M. 17117
Gonnard, P. *see* Claeyssen, F. 19781
Gonnard, P. *see* Eyraud, L. 13255
Gonnard, P. *see* Lebrun, L. 51058
Gonnard, P. *see* Petit, L. 19780
Gonnard, P. *see* Tajan, V. 10950
Gonnella, M. *see* Panariello, G. 3376
Gonnelli, R.S., Ummarino, G.A. Surface order-parameter depression and pair symmetry in high-T_c Josephson junctions 3267
Gonnelli, S. *see* Canepa, G. 58728
Gonnelli, S. *see* Giunta, D. 57466
Gonnet, G.H. *see* Corless, R.M. 606
Gonno, Y. *see* Yoshida, H. 14161
Gonon, G. *see* Boudet, T. 3544
Gonos, A. *see* Girault, M. 48590
Gonsalves, A.M.d'A.Rocha *see* Rocha Gonsalves, A.M.d'A.
Gonschorek, K.-H. Modern computer-tools for EMC-analysis 24497
Gontar, A.S., Kucherov, R.Ya., Nikolaev, Yu.V., Nelidov, M.V. Merits of the refractory metals single crystals in application to the TFE [thermionic fuel element] 20075
Gontarz, R. *see* Chrzumnicka, K. 23353
Gonthier, F., Daxhelet, X., Lacroix, S. High isolation tapered fiber filters 26752
Gonthier, F. *see* Daxhelet, X. 55185
Gontijo, I., Neilson, D.T., Walker, A.C., Kennedy, G.T., Sibbett, W. Nonlinear InGaAs-InGaAsP single-quantum-well all-optical switch-theory and experiments 14314
Gontrand, C., Sellitto, P., Tabikh, S., Latreche, S., Kaminski, A. Diffusion and electrical activation after a rapid thermal annealing of an As and B-co-implanted polysilicon layer 43266
Gontrand, C. *see* Kaabi, L. 32117
Gonul, B. *see* Adams, A.R. 23953
Gonzaga, A., Costa, J.A.F. Moment invariants applied to the recognition of objects using neural networks 35243
Gonzaga, C.C., Tapia, R.A. On the convergence of the Mizuno-Todd-Ye algorithm to the analytic center of the solution set 40112
Gonzaga, C.C., Tapia, R.A. On the quadratic convergence of the simplified Mizuno-Todd-Ye algorithm for linear programming 40113
Gonzales, A. *see* Arnold, H. 9078
Gonzales, C. *see* Bourgoin, J.C. 37987
Gonzales, D.G. *see* Richard, G.C. 4376
Gonzales, D.G. *see* Richard, G.C. 4403
Gonzales, D.R. Tool reusable for DSP system emulation and board production testing 36434
Gonzales, S., Quijada, J., Grivna, G. Submicron metal etch integration study 54507
Gonzalez, A. *see* Adam, A. 37280
Gonzalez, A. *see* Moy, J.P. 7840
Gonzalez, A. *see* Noheda, B. 23172
Gonzalez, A. *see* Zhang, Y. 54435
Gonzalez, A.E.J., Nair, P.K. Preparation and characterization of highly photosensitive ZnO thin films 2006
Gonzalez, A.Galindo *see* Galindo Gonzalez, A.
Gonzalez, A.Suarez *see* Suarez Gonzalez, A.
Gonzalez, B., Knecht, S., Handy, H., Ramirez, J. The effect of ultrasonic frequency on fine pitch aluminum wedge wirebond 1847
Gonzalez, B. *see* Knecht, S. 1850
Gonzalez, C., Collins, S.D. Micromachined 1×n fiber-optic switch 58374
Gonzalez, D. *see* Kidd, P. 30786
Gonzalez, E.R. *see* Caires, M.I. 38964
Gonzalez, F., Shekhar, V., Chia-Kung Chan, Choy, B., Chen, N. Fabrication of a 300 V, high current (300 mA/output), smart-power IC using gate-controlled SCRs on bonded (BSOI) technology 40881
Gonzalez, F. *see* Kononchuk, O. 22517
Gonzalez, F. *see* Laurent, P. 27221
Gonzalez, F. *see* Thakur, R.P.S. 22625
Gonzalez, F.I. *see* Milburn, H.B. 38084
Gonzalez, F.J.O. *see* Martin, J.L.J. 54987
Gonzalez, F.J.Ortega *see* Ortega Gonzalez, F.J.
Gonzalez, G., Martinez, S. A study on telephone traffic in Spain. The 4-S model 35674
Gonzalez, G. *see* Recio, M. 58623
Gonzalez, G.L. *see* Kinzy Jones, W. 52891
Gonzalez, H. *see* Antos, J. 37373
Gonzalez, H. *see* Vico, F.J. 57204
Gonzalez, I.Valle *see* Valle Gonzalez, I.
Gonzalez, J. Recovering motion parameters from a 2D range image sequence 5106
Gonzalez, J. A new active structure of high frequency wide band differential phase shifters 53673
Gonzalez, J., Guerrero, A., Telliez, I. A new high frequency wide band 180° differential power splitter 31516
Gonzalez, J. *see* Arrillaga, J. 50502
Gonzalez, J. *see* Prieto, M.A.J. 4281
Gonzalez, J. *see* Roa, L. 22282
Gonzalez, J.C. *see* Krawczynski, H. 37287
Gonzalez, J.G., Arce, G.R. Weighted myriad filters: a robust filtering framework derived from alpha-stable distributions 25026
Gonzalez, J.G. *see* Zurbach, P. 5168
Gonzalez, J.M. *see* Cornejo, D.R. 3247
Gonzalez, J.M. *see* de Julian, C. 23289
Gonzalez, J.M.Ruiz *see* Ruiz Gonzalez, J.M.
Gonzalez, J.P. *see* Fontan, F.P. 47589
Gonzalez, J.Solano *see* Solano Gonzalez, J.
Gonzalez, K.D. *see* Myers, R.J. 97
Gonzalez, L., Marin, A. Weak properties and aggregated extension of fuzzy relations 30473
Gonzalez, L. *see* Kidd, P. 30786

Gonzalez, L. *see* Whitaker, M.F. 22386
Gonzalez, M., Lopez, J., Lopez, E., Perez, M.A. New fast-charge methods of NiCd/NiMH batteries: universal battery charger/discharger for testing 51473
Gonzalez, M., Perez, M.A., Diaz, J., Ferrero, F.J. Ni-Cd and Ni-MH battery optimized fast-charge method for portable telecommunication applications 51482
Gonzalez, M. *see* Bandera, C. 57203
Gonzalez, M.L.Y., Mesquita, R.C., Bastos, J.P.A. Comparison of convergence rates of edge and nodal finite elements for magnetostatic problems 44920
Gonzalez, N., Gandia, J.J., Carabe, J., Gutierrez, M.T. Optoelectronic properties of doped layers for a-Si solar cells prepared using helium dilution 51579
Gonzalez, N. *see* Carabe, J. 17350
Gonzalez, O. *see* Garcia, V.G. 6125
Gonzalez, P. *see* Chiussi, S. 900
Gonzalez, P. *see* Larciprete, R. 800
Gonzalez, P. *see* Redondas, X. 2075
Gonzalez, P.P. *see* Fuentes, J. 741
Gonzalez, R. *see* Ramirez, R. 41992
Gonzalez, R. *see* Sadrozinski, H.F.W. 37399
Gonzalez, R. *see* Tiwari, V. 53325
Gonzalez, R. *see* Wu, G. 30446
Gonzalez, S. *see* DeWitt, J. 59243
Gonzalez, S.A., Sulzer, M.P. Detection of He^+ layering in the topside ionosphere over Arecibo during equinox solar minimum conditions 18843
Gonzalez, S.A. *see* Sulzer, M.P. 18852
Gonzalez, T. *see* Mateos, J. 2720
Gonzalez, T. *see* Reggiani, L. 32350
Gonzalez, Y. *see* Kidd, P. 30786
Gonzalez C., R. *see* Pena C., M.A. 59586
Gonzalez de la Cruz, G., Gurevich, Yu.G. Interacted electron and phonon thermal waves in semiconductors: application to photothermal effects 31741
Gonzalez Diaz, G. *see* Ojeda, A.M. 55445
Gonzalez Nicieza, C. *see* Ortega, F. 36479
Gonzalez Prelcic, N. *see* Marquez, O.W. 39639
Gonzalez-Altamirano, G. *see* Ramirez-Angulo, J. 1566
Gonzalez-Borrero, P.P., Lubyshev, D.I., Marega, E., Jr., Petitprez, E., Basmaji, P. Self-organized InGaAs quantum dots grown by molecular beam epitaxy on (100), (711)A/B, (511)A/B, (311)A/B, (211)A/B, and (111)A/B oriented GaAs 30813
Gonzalez-Cinca, R., Ramirez-Piscina, L., Casademunt, J., Hernandez-Machado, A., Kramer, L., Katona, T.T., Boerzsoenyi, T., Buka, A. Phase-field simulations and experiments of faceted growth in liquid crystals 30733
Gonzalez-Diaz, G. *see* Quintanilla, L. 42070
Gonzalez-Diaz, P.F. *see* Badikov, V.V. 24178
Gonzalez-Elipe, A.R. *see* Jimenez, V.M. 32079
Gonzalez-Elipe, A.R. *see* Jimenez, V.M. 32080
Gonzalez-Galvan, E.J., Skaar, S.B., Korde, U.A., Wenzong Chen Application of a precision-enhancing measure in 3D rigid-body positioning using camera-space manipulation 57391
Gonzalez-Hernandez, J. *see* Becerril, M. 42389
Gonzalez-Manas, M. *see* Martinez-Lopez, J. 10595
Gonzalez-Sanz, F. *see* Kidd, P. 30786
Gonzalez-Varona, O. *see* Perez-Rodriguez, A. 32120
Gonzalez-Vega, L. Applying quantifier elimination to the Birkhoff interpolation problem 10483
Gonzalez-Vega, L. Implicitization of parametric curves and surfaces by using multidimensional Newton formulae 40177
Gonzalez-Vera, P., Santos-Leon, J.C., Njastad, O. Some results about numerical quadrature on the unit circle 510
Gonzalez-Vera, P. *see* Bultheel, A. 30557
Gonzalez-Vera, P. *see* Bultheel, A. 30558
Gonzalez-Vera, P. *see* Bultheel, A. 30579
Gonzalo, C., Perez-Castellanos, M., Garcia, I., Martinez, P., Sanchez-Dehesa, J.-M. Parallel computation of discrete Wigner distribution function based on neural schemes 56452
Gonzalo, J. *see* Dyer, P.E. 40625
Gonzalo, J.A. *see* Noheda, B. 23172
Goo, G.-I. Correlation filter for target detection, and noise and clutter rejection 8687
Goo, J.S. *see* Lee, H.J. 1355
Goo Kang Hong *see* Hong Goo Kang
Goo Kang Seung *see* Seung Goo Kang
Goo Kim Yun *see* Yun Goo Kim
Goo Lee Jeong *see* Jeong Goo Lee
Goo Min Byoung *see* Byoung Goo Min
Goo Moh Kyung *see* Kyung Goo Moh
Goo Park Woo *see* Woo Goo Park
Goo-Young Jeong *see* Chang-Joo Kim 24632
Goobar, E. *see* Akulova, Y.A. 44530
Gooch, B.R. *see* Ham, F.M. 59535
Gooch, R. *see* Leary, J. 16568
Gooch, R.M., Clarke, T.A., Ellis, T.J. A semi-autonomous sewer surveillance and inspection vehicle 27177
Gooch, R.P. *see* Mathur, A. 25003
Good, B.S., Chubb, D.L., Lowe, R.A. Optimization study of selective emitter thermophotovoltaic systems 20081
Good, H. Thin films: consistency is the key to high yields 33220
Good, J.A., Allitt, M.L., Owczarkowki, M., Probst, P.A. A fully automated system for the characterization of standard reference resistors using the quantum Hall effect 27246
Good, J.A. *see* Larson, J.D., III 23432
Goodall, B.L. *see* Kohl, P.A. 1886
Goodall, C. *see* Mardia, K.V. 4917
Goodall, F.N. *see* Rizvi, N.H. 2540
Goodall, R.K. Silicon wafer specifications and characterization capabilities–another perspective 43244
Goodall, R.K. *see* Huff, H.R. 48883
Goodall, R.K. *see* Mulholland, G.W. 48340
Goodberlet, J., Silverman, S., Ferrera, J., Mondol, H., Schattenburg, M.L., Smith, H.I. A one-dimensional demonstration of spatial-phase-locked electron-beam lithography 42873
Goodbody, C., Kimber, R. The UoSAT-5 solar cell experiment–over 4 years in orbit 37992
Goodbody, C., Kimber, R., Sugden, S. A new proton irradiation facility to investigate the effect of test conditions on solar cell degradation 37990
Goodby, L., Orailoglu, A. Synthesizing self-testable filters via scaling and redundant operator elimination 1608
Goodby, L., Orailoglu, A. Variance mismatch: identifying random-test resistance in DSP datapaths 27405
Goodchild, A. An evaluation scheme for trader user interfaces 6161
Goodelle, G. *see* Burger, D.R. 37993
Goodenough, D.G., Bhogal, P., Charlebois, D., Matwin, S. SEIDAM: an intelligent data fusion system with case-based reasoning 57069
Goodenough, D.G. *see* Bhogal, A.S. 8552
Goodenough, D.G. *see* Charlebois, D. 8401
Goodenough, F. 12-bit IC ADCs becoming commodity components 1508
Goodenough, F. LDO controller handles 250-A/μs load transients 21490
Goodenough, F. Advanced microprocessors demand amperes of current at <2 V 31076
Goodenough, F. Monolithic IC oscillator has near-quartz stability 31139
Goodenough, F. Analog/linear ICs demand bipolar transistors 31408
Goodenough, F. A 20-kHz switcher adapts UPSs for consumer use 38807
Goodenough, J.B. *see* Keqin Huang 20015
Goodenough, J.B. *see* Man Feng 29609
Goodenough, J.B. *see* Nanjundaswamy, K.S. 38948
Goodfellow, S., Weiss, D. Designing power systems around processor specifications 31078
Goodhew, P.J. *see* Kidd, P. 30786
Gooding, J.J., Hammerle, M., Hall, E.A.H. An enzyme electrode with response independent of the thickness of the enzyme layer 27700
Gooding, M., Cohen, L. Evaluation of three ATE test environments 36427
Goodman, D., Krishnan, P., Sugla, B. Minimizing queuing delays and number of messages in mobile phone location 6579
Goodman, D.A. *see* Underwood, A.C. 7894
Goodman, J.W., Wandell, B.A. Image systems engineering at Stanford 52028
Goodman, L.A. *see* Loboda, M.J. 310
Goodman, L.A. *see* Loboda, M.J. 2748
Goodman, L.A. *see* Loboda, M.J. 52233
Goodman, M.C. *see* Allison, W.W.M. 37269
Goodman, M.S. *see* Jackel, J.L. 3496
Goodman, N., Leuschen, C., Plumb, R., Allen, C. Subsurface imaging using ground-penetrating radar measurements 8359
Goodman, N. *see* Leuschen, C. 8358
Goodman, R. *see* Gupta, B. 23056
Goodman, R.B. *see* Horn, M.W. 32274
Goodman, S.A., Auret, F.D. Defect characterization of sputter deposited Au contacts on N-type $Si_{1-x}Ge_x$ 42256
Goodman, S.A. *see* Barnard, W.O. 12549
Goodman, T. *see* Vardaman, E.J. 10075
Goodman, T.D., Mansuripur, M. Subtle effects of the substrate in optical disk data storage systems 13558
Goodman, T.N.T. *see* Farouki, R.T. 10429
Goodman, T.W., Crowley, R.T., Vardman, E.J. Chip-size packages: comparisons and structure/performance relationships 10128
Goodner, R. *see* Ceton, R. 30362
Goodner, R. *see* Thornton, J. 42803
Goodnick, S.M. *see* Dur, M. 32013
Goodnick, S.M. *see* Menoni, C.S. 22336
Goodnick, S.M. *see* Smith, J.C. 12478
Goodnick, S.M. *see* Wybourne, M.N. 32466
Goodnough, M.A., Molyneux, T.S., Burleson, J.M., Adams, A.L., Rosner, B.D. Design of an extensible, user friendly, imaging and radiometric test set utilizing the ImageIR™ System and other commercially available components 17530
Goodnough, M.A., Rosner, B.D., Stineman, J.S., Hahn, L.J. FPA design methodologies at Santa Barbara Focalplane 17463
Goodrich, B. *see* Burkhart, A. 39847
Goodrich, L.C. *see* Best, W.S. 14689
Goodrich, L.F. *see* Gregory, E. 55138
Goodrick, M.J. *see* Beringer, J. 37394
Goodridge, S.G., Kay, M.G. Multimedia sensor fusion for intelligent camera control 25499
Goodsitt, M.M., Heang-Ping Chan, Bob Liu Investigation of the line-pair pattern method for evaluating mammographic focal spot performance 28254
Goodsitt, M.M. *see* Heang-Ping Chan 49523
Goodsitt, M.M. *see* Petrick, N. 57540
Goodsitt, M.M. *see* Sahiner, B. 57541
Goodson, K.E., Kurabayashi, K., Pease, R.F.W. Improved heat sinking for laser-diode arrays using microchannels in CVD diamond 33466
Goodson, K.E. *see* Ju, S. 54641
Goodson, M.V. *see* Schreier, R. 21770
Goodson, T., III, Wang, C.H. Dispersion and dipolar orientational effects on the linear electroabsorption and electro-optic responses in a model guest/host nonlinear optical system 3313
Goodstein, F.R. *see* Nichols, A. 6045
Goodwill, D.J., Devenport, K.E., Hinton, H.S. An ATM-based intelligent optical backplane using CMOS-SEED smart pixel arrays and free-space optical interconnect modules 3661
Goodwill, D.J., Fan, R.S., Tomic, D., Morozova, N.D., Hooker, R.B., Mickelson, A.R., Yung-Cheng Lee Laser-array to single-mode-fiber coupling module with increased tolerance budget using polymer waveguide tapers 55468
Goodwill, D.J., Hinton, H.S. Optical interconnect module extensible to 10,000 parallel channels for a smart-pixel optical backplane 33335
Goodwill, D.J. *see* Devenport, K.E. 33326
Goodwill, D.J. *see* Neilson, D.T. 44083
Goodwill, D.J. *see* Plant, D.V. 55473
Goodwin, A.R.H., Mehl, J.B., Moldover, M.R. Reentrant radio-frequency resonator for automated phase-equilibria and dielectric measurements in fluids 7224
Goodwin, C.A. *see* Cowen, C.S. 40866
Goodwin, C.A. *see* Weldon, M.K. 22553
Goodwin, C.A. *see* Weldon, M.K. 42300
Goodwin, G.C. *see* Braslavsky, J.H. 34970
Goodwin, J. *see* Scotti, R.E. 44308
Goodwin, M. Residual modeling in music analysis-synthesis 15254
Goodwin, M., Vetterli, M. Time-frequency signal models for music analysis, transformation, and synthesis 34916
Goodwin, M.J. *see* Fells, J.A.J. 50258
Goodwin, M.J. *see* Sanders, D.A. 59822
Goodwin, P.A. *see* Biber, C.R. 30221
Goodwin, T.A. *see* Mauk, M.G. 38997
Goodwin, T.J., Leppert, V.J., Smith, C.A., Risbud, S.H., Niemeyer, M., Power, P.P., Lee, H.W.H., Hrubesh, L.W. Synthesis of nanocrystalline gallium nitride in silica aerogels 2023
Goodwin, W.P. *see* Gilbert, B.K. 31657
Goody, S.B. *see* Saul, P.H. 21791
Goody, S.B. *see* Saul, P.H. 21979
Goodyear, A. *see* Anwand, W. 54274
Goodyear, B.G., Brodie, D.E. a-$SiSn_x$:H thin films prepared by ion beam assisted deposition 40545
Goodyear, C.C., Dongbing Wei Articulatory copy synthesis using a nine-parameter vocal tract model 14941
Goodzeit, N.E., Throckmorton, A.J., Pijaca, J., Wright, D. The hemispherical resonator gyro–a user's perspective 49933
Gooi, H.B. *see* Teo, C.Y. 28801
Gook Kim Hong *see* Hong Gook Kim
Gook Park Byung *see* Byung Gook Park
Gook Park Chan *see* Chan Gook Park
Gool, L.J.Van *see* Van Gool, L.J.
Gool, L.Van *see* Van Gool, L.
Goolsby, W.N. *see* Wilders, R. 49721
Goor, A.J.van de *see* van de Goor, A.J.
Goor, F.A.van *see* van Goor, F.A.
Goorsky, M. *see* Schlesinger, T.E. 37554
Goorsky, M. *see* Toney, J.E. 37317
Goorsky, M.S., Yoon, H., Schieber, M., James, R.B., McGregor, D.S., Natarajan, M. X-ray diffuse scattering for evaluation of wide bandgap semiconductor nuclear radiation detectors 37301
Goorsky, M.S. *see* Feiler, D. 30791
Goorsky, M.S. *see* McGregor, D.S. 37313
Goorsky, M.S. *see* Meshkinpour, M. 43111
Goorsky, M.S. *see* Rich, D.H. 54197
Goorsky, M.S. *see* Van Scyoc, J.M. 7837
Goosen, K.W. *see* Chan, K.K. 32996
Goosev, M.Yu. *see* Grechishkin, R.M. 3171
Goosey, M., Merricks, D., Smith, B., Hendrickson, M. A cost effective high density interconnection process using a photoimageable dielectric 11981
Goossen, K.W., Lentine, A.L., Walker, J.A., D'Asaro, L.A., Hui, S.P., Tseng, B., Leibenguth, R., Cunningham, J.E., Kossives, D., Bacon, D.D., Dahringer, D., Chirovsky, L.M.F., Woodward, T.K., Miller, D.A.B. Demonstration of dense optoelectronic integration to Si CMOS for direct optical interfacing of logic circuits to fiber bundles 16494
Goossen, K.W., Tseng, B., Hui, S.P., Walker, J.A., Leibenguth, R., Chirovsky, L.M.F., Krishnamoorthy, A. Multiple attachment GaAs-on-Si hybrid optoelectronic/VLSI chips 33324
Goossen, K.W., Walker, J.A., Amey, S.C. Optical design considerations in substrate-air-membrane micromechanical modulators 13772
Goossen, K.W. *see* Frigo, N.J. 16762
Goossen, K.W. *see* Krishnamoorthy, A.V. 33185
Goossen, K.W. *see* Lentine, A.L. 3660
Goossen, K.W. *see* Lentine, A.L. 33316
Goossen, K.W. *see* Rolston, D.R. 3662

Goossen, K.W. *see* Rolston, D.R. 33325
Goossen, K.W. *see* Walker, J.A. 44067
Goossens, G. Soft chips: a synergetic approach to chip design for telecommunications 32502
Goossens, G. *see* Paulin, P.G. 46870
Goossens, R.J.G. *see* Hanson, D.A. 2775
Goovaerts, H.G. *see* Raaijmakers, E. 18469
Goozen, F. *see* Angstadt, R. 59309
Gopakumaran, B., Petre, J.H., Krucinski, S., Murray, P.A. Real-time continuous measurement of right ventricular volume using a conductance catheter 37829
Gopal, B.R., Chahine, R., Bose, T.K. A sample translatory type insert for automated magneto-caloric effect measurements 48375
Gopal, B.R. *see* Liu, X.Y. 55027
Gopal, I.S. *see* Garay, J.A. 46922
Gopal, S., Agnihotry, S.A., Gupta, V.D. Ionic conductivity in poly(vinyl butyral) based polymeric electrolytes: effect of solvents and salts 30985
Gopal, S., Ramchandran, R., Agnihotry, R.S.A. Polyvinyl butyral based solid polymeric electrolytes: preliminary studies 44065
Gopal, S. *see* Abuelgasim, A.A. 8528
Gopal, S. *see* Carpenter, G.A. 50011
Gopal, V. Required composition uniformity of $Hg_{1-x}Cd_xTe$ substrate for focal plane arrays 48648
Gopal Ganesan, P. *see* Damodara Das, V. 42034
Gopalakrishna, M.V., Harish, C.S. Transponder design provides pulse-coherent tracking 48100
Gopalakrishnan, G.K. *see* Howerton, M.M. 16702
Gopalakrishnan, P.S. *see* Bahl, L.R. 15069
Gopalakrishnan, S. *see* Johnson, J.P. 29276
Gopalan, B.P. *see* Vusirikala, V. 3389
Gopalan, P. *see* Rajaraman, R. 42552
Gopalan, V., Kawas, M.J., Gupta, M.C., Schlesinger, T.E., Stancil, D.D. Integrated quasi-phase-matched second-harmonic generator and electrooptic scanner on $LiTaO_3$ single crystals 14318
Gopalan, V., Raj, R. Domain structure-second harmonic generation correlation in potassium niobate thin films deposited on a strontium titanate substrate 24148
Gopalan, V., Raj, R. Electric field induced domain rearrangement in potassium niobate thin films studied by in situ second harmonic generation measurements 43487
Gopalaswamy, S., Kumar, B.V.K.V. Multichannel decision feedback equalizer for high track density in optical recording 43896
Gopalkrishnan, I.K. *see* Panajkar, M.S. 32960
Gopalsami, N., Bakhtiari, S., Raptis, A.C. Open-path millimeter-wave spectroscopy in the 225-315 GHz range 50216
Gopel, K.-D., Stockl, P. EMC (electromagnetic compatibility) test cell for use in electronic equipment development 34116
Gopel, W. Ultimate limits in the miniaturization of chemical sensors 7464
Gopel, W. *see* Doll, T. 27719
Gopel, W. *see* Lang, T. 27712
Gopel, W. *see* Mohr, A. 17564
Gopel, W. *see* Somov, S. 36782
Gopel, W. *see* Zhou, R. 17589
Gopele, W. *see* Marco, S. 17583
Gopfert, A. *see* Breckner, W.W. 10340
Gopichand, B. *see* Durga Prasad, G. 50334
Gopinath, A. *see* Cheung, P. 14682
Gopinath, A. *see* Kim, S. 23550
Gopinath, A. *see* Wei Yang 23554
Gopinath, B. *see* Nagaraj, T.M. 16402
Gopinath, R.A. Modulated filter banks and wavelets–a general unified theory 15372
Gopinathan, C. *see* Panajkar, M.S. 32960
Gora, K. *see* Dobrzanski, L. 2702
Gorantia, S. *see* Venkatasubramanian, R. 753
Goras, L., Chua, L.O. Turing patterns in CNN's based on a new cell 31429
Gorbachev, A.A., Zaboronkova, T.M., Tarakankov, S.P. The influence of the interface between two media on the structure of the electromagnetic field scattered by a nonlinear half-wave loop 4374
Gorbachev, V.M. *see* Zorin, G.N. 37482
Gorban, A.P., Didenko, P.I., Kostylev, V.P., Litovchenko, V.G., Nikolin, I.B., Romanova, G.F., Serba, A.A., Chernenko, V.V. Electrophysical and structural properties of Si-SiO_2 textured-surface systems 42330
Gorban, Yu.P. *see* Ryabtsev, G.I. 3887
Gorbatenko, S.P. *see* Sharygin, L.M. 38465
Gorbatenko, V.V. *see* Gridnev, S.A. 43475
Gorbatov, S.S. *see* Usanov, D.A. 1708
Gorbatyuk, A.V., Niedernostheide, F.J. Analytical model for a nonlinear current feedback mechanism in a self-organizing semiconductor system 31961
Gorbics, M.S., Kelly, J., Roberts, K.M., Sumner, R.L. A high resolution multihit time to digital converter integrated circuit 59332
Gorbics, S.G. *see* Judy, D.C. 28021
Gorbounov, M.B., Bottura, L., Miller, J.R., van Sciver, S.W. Finite element code for quench and stability analysis of superconducting magnets cooled by He II 43843
Gorbunov, A.A., Eichler, H., Pompe, W., Huey, B. Lateral self-limitation in the laser-induced oxidation of ultrathin metal films 12704
Gorbunov, A.A., Mertig, M., Kirsch, R., Eichler, H., Pompe, W., Engelhardt, H. Nanopatterning by biological templating and laser direct writing in thin laser deposited films 53815
Gorbunov, M. *see* Van Sciver, S.W. 43854
Gorbunov, M. *see* Welton, S.J. 43855
Gorbunov, M.E., Sokolovsky, S.V., Bengtsson, L. Space refractive tomography of the atmosphere: modeling of direct and inverse problems 38063
Gorbunova, I. *see* Ramsteiner, M. 42219
Gorbylev, V.A. *see* Chelny, A.A. 31997
Gorchak, L.V. *see* Botnaryuk, V.M. 54144
Gorchakov, A.M. *see* Kruchinskii, N.G. 49768
Gorchakov, V.V. *see* Charonov, V.Ya. 20279
Gorczynski, J. *see* Niemczewski, B. 18962
Gordaliza, A. *see* Riesco, M.V. 8873
Gordan, D. *see* Miroslav, B. 19777
Gordaninejad, F., Akdag, O., Zedelmayer, E. An experimental study on thermal conductivity enhancement of fiber reinforced polymeric composite materials 30982
Gordaninejad, F., Bindu, R. The effect of scale factor on the performance of electro-rheological fluid dampers 9463
Gordeev, A.V. Multi-layer model of the electron magnetic insulation in vacuum coaxial lines 27994
Gordeev, A.V. New approach to the theoretical modeling of applied-B ion diodes 28006
Gordeev, N.Yu. *see* Ledentsov, N.N. 2177
Gordeev, N.Yu. *see* Zaitsev, S.V. 44520
Gordeev, N.Yu. *see* Zhukov, A.E. 44487
Gordeller, S. UK reactor decommissioning–Progress on Magnox Electric sites 50707
Gordillo, G., Teheran, P. Influence of preparation parameters on the chemical composition and structural properties of $CuInSe_2$ thin films 849
Gordillo, G. *see* Florez, M. 39106
Gordillo, G. *see* Torres, J. 31841
Gordon, A. *see* Dorfman, S. 10967
Gordon, A.C. *see* Gordon, J.C. 9948
Gordon, A.E. *see* Hagedorn, M.S. 22840
Gordon, B.M., Tsern, E., Meng, T.H. Design of a low power video decompression chip set for portable applications 26233
Gordon, C.L., Webber, C.E., Christoforou, N., Nahmias, C. In vivo assessment of trabecular bone structure at the distal radius from high-resolution magnetic resonance images 49510
Gordon, C.L., III *see* Barty, C.P.J. 13910
Gordon, D.M. *see* Brown, B.E. 10298
Gordon, G.S. Navigation systems integration 59955
Gordon, G.W. *see* Periasamy, A. 7925
Gordon, H. *see* Palmer, R.B. 17966
Gordon, I. *see* Hine, N. 6172
Gordon, I. *see* Yacamini, R. 61247
Gordon, J.C., Gordon, A.C. Outsourcing: focusing on core competencies by leveraging resources 9948
Gordon, J.M. A 100-Sun linear photovoltaic solar concentrator design from inexpensive commercial components 51580
Gordon, J.S. *see* Nagarkar, V.V. 52925
Gordon, L.B. Engineering high voltage in the space vacuum 22134
Gordon, L.B., Dillon, W.E., Hernandez, A., Rasul, H. Transformer insulation with high field stresses 51082
Gordon, L.B., Hardy, T., Origgi, L., Vu, P. Electrical insulation at cryogenic temperatures 32687
Gordon, L.B. *see* Slaten, D.M. 36846
Gordon, M.A. *see* Pope, T.W. 28151
Gordon, M.H. *see* Chandran, B. 276
Gordon, M.H. *see* Chandran, B. 1849
Gordon, M.J. *see* Anderson, C.M. 54489
Gordon, N. A hybrid bootstrap filter for target tracking in clutter 36208
Gordon, N., Salmond, D. Bayesian target selection after group pattern distortion 26987
Gordon, N.A. Mathematica and finite geometry 40151
Gordon, N.T., Phillips, T.J. 1/f noise reduction systems for uncooled heterostructure IR photon detectors 48511
Gordon, N.T. *see* Elliott, C.T. 698
Gordon, N.T. *see* Elliott, C.T. 7320
Gordon, N.T. *see* Maxley, C.D. 700
Gordon, N.T. *see* Phillips, T.J. 2567
Gordon, R. *see* Gee, J.M. 39052
Gordon, R. *see* Hegedus, S. 39148
Gordon, R.J. *see* Saltzberg, M. 20199
Gordon, R.W. *see* Hollkamp, J.J. 38932
Gordon, V.D. *see* Tolk, N.H. 2392
Gordon, W.B. Near field calculations with far field formulas 33963
Gordov, E. *see* Carlier, S. 37690
Gore, J.C., Ranade, M., Maryanski, M.J., Schulz, R.J. Radiation dose distributions in three dimensions from tomographic optical density scanning of polymer gels. I. Development of an optical scanner 18587
Gore, J.C. *see* Maryanski, M.J. 49831
Gorecka, A. Siemens' ONMS – optimised solution of TMN network for each operator 46931
Gorecka, B., Dzielinska, Z., Jodkowski, J., Ruzyllo, W., Szmaus, P., Dabrowski, M. Intracoronary Doppler versus new method of the assessment of coronary flow using computer analysis of conventional coronary angiograms 49437
Gorecki, C. *see* Kozlowska, A. 7391
Gorecki, C. *see* Kozlowska, A. 35321
Gorecki, C. *see* Mandziuk, J. 3557
Gorecki, C. *see* Oriat, L. 49848
Gorecki, C. *see* Trolard, B. 35240
Gorecki, H. Extremal transients in linear control systems 30629
Gorecki, H. Relation between energy and entropy of information 51030
Gorelenko, A.Ya. *see* Kuzmin, A.N. 13815
Gorelik, J. *see* Nemirovsky, Y. 7780
Gorelik, L.Y., Maao, F.A., Shekhter, R.I., Jonson, M. Giant mesoscopic fluctuations of quantum dot conductance caused by strong electromagnetic irradiation 54210
Gorelik, L.Y. *see* Tageman, O. 31939
Gorelik, S.Ya. Diffraction of light by a pseudodeep holographic grating 55920
Gorelik, S.Ya., Nagibina, I.M. Concerning the polarization vector of a wave reconstructed by a pseudodeep volume grating 44760
Gorelov, G.V., Romashkova, O.N. Influence of Russian, Spanish and Vietnamese speech characteristics on digital information quality 4599
Gorelov, I., Weber, M. Performance of the H1 lead/scintillating-fibre calorimeter 37256
Goren, D., Amir, N., Khanin, E., Asa, G., Nemirovsky, Y. Single crystalline CdTe solar cells grown by MOCVD 39041
Goren, J., Kurchik, B. Single-stage series resonant power factor correctors 51215
Goren, S. *see* Koltun, M. 39046
Gorenflo, R.L., Hermann, D.J. A 21 inch common large area display set (CLADS) for multiple military command and control workstation applications 18623
Gorenok, V.N., Popov, P.G., Shkaruba, V.N. Multichannel image compilation 5442
Gorenok, V.N. *see* Popov, P.G. 5441
Gores, H.J. *see* Barthel, J. 19954
Gores, H.J. *see* Barthel, J. 19955
Gores, J. *see* Fenner, D.B. 10747
Gorev, N.B., Makarova, T.V., Prokhorov, E.F., Ukolov, A.T., Eppel', V.I. High-frequency capacitance-voltage characteristic of GaAs-based, thin-film structures 42078
Gorfinkel, B., Jong Min Kim Development of 4 in. field-emission displays 58928
Gorfinkel, B.I. *see* Kim, J.M. 58930
Gorfinkel, V., Luryi, S., Gelmont, B. Theory of gain spectra for quantum cascade lasers in the limit of low carrier concentration 23932
Gorgadze, S.F. *see* Rodimov, A.P. 4754
Gorges, E., Raez, L.M., Schillings, A., Egry, I. Density measurements on levitated liquid metal droplets 7610
Gorgucci, E., Scarchilli, G., Chandrasekar, V. Error structure of radar rainfall measurement at C-band frequencies with dual polarization algorithm for attenuation correction 38072
Gori, F., Borghi, R., Santarsiero, M., Vicalvi, S. Shape invariance characterization of coherent axially symmetric beams 55776
Gori, F. *see* Borghi, R. 24491
Gori, F. *see* Frezza, F. 33980
Gori, L. On the numerical solution of Cauchy singular integral equations I. A survey of methods with computational aspects 52569
Gori, L., Micchelli, C.A. On weight functions which admit explicit Gauss-Turan quadrature formulas 10430
Gori, L., Santi, E. On the numerical solution of Cauchy singular integral equations II. A projector-splines method for solution 52570
Goriachkin, O.V., Klowsky, D.D. Non-parametrical focusing in the synthetic aperture radar 27043
Gorin, A.E. *see* Baidakov, V.V. 22199
Gorin, A.L., Parker, B.A., Sachs, R.M., Wilpon, J.G. How may I help you? 46969
Gorin, M.Yu. *see* Asseev, A.A. 49260
Gorin, S.N. *see* Steckl, A.J. 10626
Gorin, Yu. *see* Antipov, Yu. 37233
Goring, R., Glockner, S. Micro-optical beam deflectors and modulators: Present state of development 23022
Goring, R. *see* Glockner, S. 54850
Goring, R. *see* Glockner, S. 55366
Gorini, E. *see* Andryakov, A. 37226
Gorinsky, S.V. *see* Sinha, P. 25566
Gorisse, M. *see* Cesarsky, C.J. 36548
Gorka, W. *see* McParland, B.J. 7974
Gorkin, E.V. *see* Asina, S.S. 41532
Gorkom, G.G.P.van *see* van Gorkom, G.G.P.
Gorkunov, E.S. *see* Rigmant, M.B. 52922
Gorkunov, E.S. *see* Ul'yanov, A.I. 52909
Gorla, R.S.R. Finite element analysis of a flat plate solar collector 39230
Gorman, J.D. *see* Hughes, A.E. 2276
Gorman, J.D. *see* Subotic, N.S. 27066
Gorman, R.J. *see* Henry, R.L. 30689
Gormely, M. From inspection to communication: advances in video inspection technology 52297
Gormley, J.E. *see* Uritani, A. 59365
Gorn, N.L. *see* Berkov, D.V. 43664
Gornert, P. *see* Stoye, P. 32891
Gornev, E.S. *see* Belyaev, A.E. 12877
Gornez-Rodriguez, J.M. *see* Martin-Gago, J.A. 30756
Gornicki, E. *see* Bieser, F. 59307
Gornik, E. *see* Golshani, A. 55662
Gornik, E. *see* Hauser, M. 32326
Gornik, E. *see* Kock, A. 14115
Gornik, E. *see* Kock, A. 55731
Gornik, E. *see* Ploner, G. 12451
Gornik, E. *see* Rauch, C. 32018

Gornov, A.O., Moskalenko, V.V., Anisimov, V.A., Rozhankovskii, Y.V., Alekseeva, O.V., Sokolov, A.S., Tarasov, A.E., Katolikov, G.V. Asynchronous electric drives with parametric control for general-purpose mechanisms 20100
Gornov, A.O., Sultanova, T.S., Anisimov, V.A., Netunaeva, V.N., Batov, N.G. Course work in engineering graphics and design principles and the use of actual electrical-engineering equipment 92
Gorny, D.J. *see* Hiraki, M. 11477
Gorny, D.J. *see* Kojima, H. 21710
Gorny, M., Ziolo, J., Rzoska, S.J. A new application of the nonlinear dielectric method for studying relaxation processes in liquids 7527
Gorobets, N., Yeliseyeva, N. The calculation and optimization of directional characteristics of vibrator antenna with limited dimensional screen 45364
Gorobets, V.A. *see* Tochitsky, S.Ya. 55830
Gorodeisky, S. *see* Reinhorn, S. 44748
Gorodetskaya, T. *see* Buzykaev, A. 37237
Gorodetskaya, T. *see* Buzykaev, A. 37240
Gorodetsky, M.L. *see* Braginsky, V.B. 41417
Gorodilov, N.A. *see* Arapov, Yu.G. 54145
Gorodnitsky, I.F., Rao, B.D. Sparse signal reconstruction from limited data using FOCUSS: a re-weighted minimum norm algorithm 46182
Gorodnitsky, I.F. *see* Rao, B.D. 15401
Gorokhov, A., Abramovich, Y., Bohme, J.F. Unified analysis of DOA estimation algorithms for covariance matrix transforms 24922
Gorokhov, A., Loubaton, P., Moulines, E. Second order blind equalization in multiple input multiple output FIR systems: a weighted least squares approach 25816
Gorokhov, A. *see* Moulines, E. 25013
Gorokhov, A.Y. *see* Abed-Meraim, K. 25000
Gorokhov, A.Y. *see* Abramovich, Y.I. 4683
Gorokhov, A.Y. *see* Abramovich, Y.I. 4703
Gorokhov, A.Y. *see* Abramovich, Yu.I. 25119
Goronkin, H. *see* Tehrani, S. 43728
Gorostiza, P., Diaz, R., Servat, J., Sanz, F., Morante, J.R. Atomic force microscopy study of the silicon doping influence on the first stages of platinum electroless deposition 52740
Gorrell, P. Fiber optic "air-blown" solutions 26890
Gorria, P., Orue, I., Fernandez-Gubieda, M.L., Plazaola, F., Zabala, N., Barandiaran, J.M. Stress and annealing induced changes in the Curie temperature of amorphous and nanocrystalline FeZr and FeNb based alloys 3080
Gorricho, J.-L., Paradells, J. Evaluation of the soft handover benefits on CDMA systems 47657
Gorrieri, R. *see* Bernardo, M. 437
Gorringe, T.P. *see* Moftah, B.A. 59349
Gorritti, E., Ruiz, A. Modular network planning of a Peruvian university 47121
Gorshe, S.S., Tatebayashi, T. Universal interface-group approach to improving the flexibility and performance of SONET multiplex equipment 6837
Gorshkov, V.T. *see* Gromov, B.F. 37192
Gorshunov, B.P. *see* Maev, R.G. 36852
Gorsich, D., Tolle, H., Karlsen, R., Gerhart, G. Wavelet and fractal analysis of ground vehicle images 26976
Gorska, M., Anderson, J.R., Peng, J.L., Oka, Y., Y-Jen, J., Mogi, I., Ravot, D., Golacki, Z. Concentration dependence of the exchange interaction in $Pb_{1-x}Eu_xTe$ 42042
Gorska, M. *see* Story, T. 12313
Gortel, Z.W. *see* Swierkowski, L. 42076
Gorter, R.J.A., Duarte, J.L., Van den Bosch, P.P.J. Parameter estimation for induction machines 60751
Gorti, B.V., Alexander, G.C., Spee, R. Power balance considerations for brushless doubly-fed machines 19689
Gorti, B.V., Alexander, G.C., Spee, R., Wallace, A.K. A fuzzy controller for terminal quantity regulation in a doubly-fed, stand-alone generator system 38684
Gortler, A. *see* Frank, K. 28948
Gortler, A. *see* Frank, K. 51407
Gortler, A. *see* Prucker, U. 28951
Gortler, A. *see* Schwandner, A. 29498
Gorton, D., Oxley, D., Curtis, B. Reliable work on a death march schedule [toll-free telephone number software upgrading] 35666
Gorton, L. *see* Vijayakumar, A. 48699
Gortsev, A.M., Kataeva, S.S. Optimizing the hysteresis service strategy for an asymmetric backup channel 14772
Goru, V.K., Akers, L.A. A habituation, rehabituation, and recovery chip 1668
Gorur, R.S., De La O, A., El-Kishky, H., Chowdhary, M., Mukherjee, H., Sundaram, R., Burnham, J.T. Sudden flashover of nonceramic insulators in artificial contamination tests 54963
Gorur, R.S., de la O, A., Shead, W.D. Evaluation of naturally aged non-ceramic insulators 38402
Gorur, R.S. *see* de la O, A. 32746
Gorwadkar, S.M., Wada, T., Haraichi, S., Hiroshima, H., Ishii, K., Kumoro, M. SiO_2/c-Si bilayer electron-beam resist process for nano-fabrication 32322
Goryachev, V. *see* Antipov, Yu. 37230
Goryachev, V.A., Zakharov, S.M. Dynamics of transmission of ultrashort light pulses by thin-film cavity structures 55808
Gorynya, L.M., Zuev, V.A., Il'in, P.P., Stepanova, M.A. Photo- and acoustoelectrical effects in CdP_2 2089
Gorzkowski, J. 0 dB branch waveguide directional couplers with narrower coupling waveguides 24545
Gosavi, H.D., MacGregor Smith, J. An algorithm for sub-optimal routeing in series-parallel queueing networks 52421
Gosavi, S.W. *see* Ansari, S.G. 48738
Gosbell, V.J., Cugaly, P.P. A low cost reversible rectifier 9384
Gosch, S. *see* Wolf, T. 15753
Goscianska, I. *see* Chrzumnicka, K. 23353
Goscinski, A. *see* Wanlei Zhou 57935
Gosden, D.F. *see* Asaii, B. 9674
Gosden, D.F. *see* Asaii, B. 29791
Gosden, D.F. *see* Asaii, B. 29793
Gosden, D.F. *see* Chalmers, B.J. 29736
Gosele, U. *see* Ledentsov, N.N. 2177
Gosele, U. *see* Ledentsov, N.N. 24005
Gosele, U. *see* Mack, S. 32581
Gosele, U. *see* Mack, S. 54836
Gosele, U. *see* Martini, T. 41839
Gosele, U. *see* Ruvimov, S. 22418
Gosele, U. *see* Scheerschmidt, K. 12611
Gosele, U. *see* Schroer, E. 22211
Gosele, U. *see* Tong, Q.-Y. 12801
Gosele, U. *see* Tong, Q.-Y. 42347
Gosele, U. *see* Tong, Q.-Y. 42516
Goser, K. *see* Muller, J. 3615
Goser, K. *see* Rossmann, M. 11633
Goser, K.F. *see* Thewes, R. 43044
Goser, K.F. *see* Thewes, R. 43301
Goshaw, A.T. *see* Arai, Y. 37267
Goshaw, A.T. *see* Arai, Y. 37268
Goshima, H. *see* Hayakawa, N. 23143
Goshima, H. *see* Hayakawa, N. 54885
Goshima, H. *see* Okubo, H. 23254
Goshin, G. The Kontorovich-Lebedev transform in diffraction problems for conical surfaces 45078
Goshin, G., Lugina, N. The quasithree-dimensional problem on excitation of line wire system on a chiral substrate 45077
Gosink, J.P. *see* Middleton, N.T. 20590
Goslin, G. Field programmable logic arrays (FPGAs) allow the use of DSPs as high speed coprocessors 21723
Goslin, G.R. A guide to using field programmable gate arrays (FPGAs) for application-specific digital signal processing performance 41001
Gosling, I.G., Pingyu Qu Propagation characteristics of a heaviside absorbing layer for TLM 45262
Gosnell, T.R. Avalanche assisted upconversion in Pr^{3+}/Yb^{3+}-doped ZBLAN glass 44378
Gosney, J. *see* Capper, P. 10629
Gospodinov, M. *see* Tassev, V. 13740
Gossa, M. *see* Loukil, I. 9208
Gossard, A. *see* Allen, S.J. 12488
Gossard, A. *see* Mirtn, R. 55726
Gossard, A.C. *see* Eriksson, M.A. 31948
Gossard, A.C. *see* Gider, S. 3097
Gossard, A.C. *see* Harris, J.G.E. 2858
Gossard, A.C. *see* Keay, B.J. 2200
Gossard, A.C. *see* Livermore, C. 22422
Gossard, A.C. *see* Livermore, C. 31992
Gossard, A.C. *see* Maranowski, K.D. 2123
Gossard, A.C. *see* Patel, S.R. 42102
Gossard, A.C. *see* Unterrainer, K. 2199
Gossard, A.C. *see* Yang, S.H. 12497
Gossard, A.C. *see* Zeunel, S. 2138
Gossard, A.C. *see* Zeuner, S. 54236
Gossard, E.E. *see* Wilczak, J.M. 18850
Gosse, B., Hammal, R., Sassoulas, P.O., Gosse, J.-P. Analysis of partial discharges in a capacitor-type structure 31545
Gosse, B. *see* Gadoum, A. 43539
Gosse, B. *see* Notingher, P.V. 1750
Gosse, E., Picheta, L., Allamando, E.A. K-band monolithic mixer with the use of a GaAs cold FET 41503
Gosse, J.-P. *see* Gosse, B. 31545
Gosse, J.P. *see* Brouche, M. 13276
Gosse, J.P. *see* Gadoum, A. 43539
Gosse, J.P. *see* Hammal, R. 21988
Gosse, J.P. *see* Seguin, B. 58953
Gosse, K., Moreau de Saint-Martin, F., Duhamel, P. Filter bank design for minimum distortion in presence of subband quantization 15300
Gosselin, B. *see* Dutoit, T. 4577
Gosselin, B. *see* Remy-Jardin, M. 37640
Gosselin, C.M., St. Pierre, E., Gagne, M. On the development of the Agile Eye 25251
Gosselin, S., Lovisa, S., Gravey, P., Wolffer, N. Theoretical study of self-starting gratings in photorefractive multiple-quantum-well structures 3988
Gosselin, S. *see* Le Corre, A. 44073
Gossman, H.-J. *see* Liu, J. 32134
Gossmann, H.-J., Stolk, P.A., Eaglesham, D.J., Gilmer, G.H., Poate, J.M. Diffusion of Si self-interstitials in the presence of carbon-related interstitial traps 41890
Gossmann, H.-J. *see* Eaglesham, D.J. 31744
Gossmann, H.-J. *see* Herner, S.B. 54497
Gossmann, H.-J. *see* Pelaz, L. 54359
Gossmann, H.-J. *see* Rafferty, C.S. 42410
Gostic, J.M. *see* Deaton, R. 51904
Goswami, D.Y., Mathur, G.D., Gupta, S., Stoff, L., Colacino, F. An experimental investigation of the effect of moisture on the performance of an air-conditioning system 29889
Goswami, J.C., Mittra, R. An extrapolation technique for solving a class of large-body scattering problems by using the FDTD 33964
Goswami, J.C. *see* Nevels, R.D. 33932
Goswami, S.K. Distribution system planning using branch exchange technique 60382
Gotaas, J.A. *see* Warren, A.P. 23358
Gotanda, H., Shiratsuchi, H., Inoue, K., Kumamaru, K. Studies on cardinality of solutions for multi-layer nets and a scaling method in hardware implementations 1653
Gotanda, H., Shiratsuchi, H., Inoue, K., Kumamaru, K. Difference of solution regions due to net's polarity 41368
Goteti, P. *see* Devarayanadurg, G. 43230
Gothard, G.K., Rao, S.M., Milton, D.R. Application of finite integral technique to electromagnetic scattering by two-dimensional cylinders: transverse magnetic case 56001
Gothoskar, P. *see* Nagarkar, V.V. 52925
Gotman, J. *see* Hao Qu 28353
Goto, A. *see* Itoh, Y. 37166
Goto, A. *see* Kamigaito, O. 49213
Goto, A. *see* Kurata, K. 26914
Goto, A. *see* Yamada, I. 56589
Goto, F. *see* Shirai, K. 12236
Goto, H. Si micromachined 2D optical scanning mirror and its application to scanning sensors 44303
Goto, H., Kuze, N., Matsui, N., Shibasaki, I. Reflection high-energy electron diffraction image analysis during molecular beam epitaxial growth of InAs/AlGaAsSb deep quantum well structures 21314
Goto, H., Takemura, M., Ido, T. Deep hole trap level of nitrogen-doped ZnSe grown by metalorganic vapor phase epitaxy 40472
Goto, H. *see* Jungemann, C. 12861
Goto, H. *see* Jungemann, C. 13137
Goto, H. *see* Jungemann, C. 43020
Goto, H. *see* Sakata, M. 54990
Goto, H. *see* Sogawa, T. 9707
Goto, H. *see* Wakabayashi, S. 2985
Goto, H. *see* Yamaguchi, M. 12492
Goto, H. *see* Yokoyama, S. 54451
Goto, K. Orthogonal linear polarized laser waves oscillation in a thin film integrated laser chip for MO disk signal detection 55336
Goto, K., Hane, K. Tapping mode capacitance microscopy 36836
Goto, K., Ishihara, T. High-frequency analysis of radiation field excited by incident whispering-gallery mode over concave-to-convex boundary 4221
Goto, K., Matsuo, J., Sugii, T., Minakata, H., Yamada, I., Hisatsugu, T. Novel shallow junction technology using decaborane ($B_{10}H_{14}$) 42396
Goto, K. *see* Katagiri, K. 55106
Goto, K. *see* Mochizuki, M. 52279
Goto, K. *see* Nakano, T. 43518
Goto, K. *see* Otani, T. 36125
Goto, K. *see* Otani, T. 36165
Goto, K. *see* Otani, T. 58399
Goto, K. *see* Sakai, A. 58022
Goto, K. *see* Shinkai, K. 19331
Goto, K. *see* Takiguchi, T. 52656
Goto, K. *see* Tsukamoto, S. 1515
Goto, K. *see* Watanabe, J. 22442
Goto, K. *see* Yanagisawa, Y. 38339
Goto, M., Hayakawa, S., Takeda, K., Itakura, F. MDS analysis of speaking styles for robust speaker recognition 24868
Goto, M. *see* Nakatani, T. 15078
Goto, M. *see* Nakatani, T. 45804
Goto, M. *see* Nojiri, K. 60231
Goto, M. *see* Yamada, H. 48388
Goto, N. *see* Amamiya, Y. 1713
Goto, N. *see* Ando, M. 34359
Goto, N. *see* Chang-Woo Kim 41445
Goto, N. *see* Hayama, N. 58143
Goto, N. *see* Hirokawa, J. 35935
Goto, N. *see* Kuga, N. 35942
Goto, N. *see* Kyeong-Sik Min 34385
Goto, N. *see* Murakami, S. 31501
Goto, N. *see* Nemoto, K. 3945
Goto, N. *see* Nemoto, K. 33604
Goto, N. *see* Nemoto, K. 55803
Goto, N. *see* Sakakibara, K. 24599
Goto, N. *see* Sakakibara, K. 34383
Goto, N. *see* Tachibana, M. 21610
Goto, N. *see* Ueda, H. 45357
Goto, N. *see* Yajima, M. 53607
Goto, N. *see* Yamamoto, T. 34223
Goto, S., Nakamura, M., Watanabe, T., Taniguchi, T. Automatic decision making of timing of insulator washing in coastal substations by pollution prediction through event matching model 38927
Goto, S. *see* Diao, Z.T. 43653
Goto, S. *see* Ichiyanagi, T. 52124
Goto, S. *see* Tate, H. 35820
Goto, T., Hori, M. Radical behavior in fluorocarbon plasma and control of silicon oxide etching by injection of radicals 32176
Goto, T., Ishida, M., Hori, T. High-frequency zero-phase-sequence equivalent circuit of induction motor driven by PWM inverter 20102
Goto, T., Watanabe, K., Awaji, S. Field dependence of J_c for F-doped Hg1223 filament 32886
Goto, T. *see* Bagnall, D.M. 55710

Goto, T. *see* Bartashevich, M.I. 32804
Goto, T. *see* Den, S. 32177
Goto, T. *see* Hirose, Y. 11675
Goto, T. *see* Hirose, Y. 53520
Goto, T. *see* Masuda, Y. 23181
Goto, T. *see* Nakamura, K. 53201
Goto, T. *see* Onozawa, T. 19494
Goto, T. *see* Tomita, H. 13485
Goto, Y. *see* Ozaki, K. 43187
Goto, Y. *see* Takanabe, S. 13734
Gotoh, A. *see* Deki, S. 827
Gotoh, A. *see* Kawai, A. 966
Gotoh, A. *see* Masu, K. 2435
Gotoh, H. *see* Ando, H. 42171
Gotoh, H. *see* Fujii, K. 52651
Gotoh, H. *see* Tanaka, A. 7402
Gotoh, J. *see* Momose, M. 12409
Gotoh, K., Ogawa, J., Saito, M., Tamura, H., Taguchi, M. A 0.9 V sense-amplifier driver for high-speed Gb-scale DRAMs 1398
Gotoh, K. *see* Saito, M. 1397
Gotoh, S., Ochi, M., Hayashi, N., Matsushima, S., Uchida, T., Obata, S., Minami, K., Hayashi, K., Matsuo, T., Iwanaga, M., Yasunaga, A., Shibata, S. Narrow photon beam dosimetry for linear accelerator radiosurgery 49822
Gotoh, S. *see* Nakamura, K. 44550
Gotoh, T., Abe, F., Ishizu, T., Yoshio, M. Effect of the addition of silver compounds during the pyrolysis of manganese nitrate on tantalum anodic oxide film 11763
Gotoh, T. *see* Murai, H. 33140
Gotoh, Y., Silverman, H.F. Incremental ML estimation of HMM parameters for efficient training 15062
Gotoh, Y. *see* Adcock, J.E. 15009
Gotoh, Y. *see* Ishikawa, J. 37180
Gotoh, Y. *see* Nagao, M. 1921
Gotoh, Y. *see* Shoji, K. 1356
Gotoh, Y. *see* Yoshimura, T. 32263
Gotra, Yu. *see* Bacchetta, N. 36561
Gots, S.S. *see* Bakhtizin, R.Z. 53893
Gotschy, W., Vonmetz, K., Leitner, A., Aussenegg, F.R. Thin films by regular patterns of metal nanoparticles: tailoring the optical properties by nanodesign 874
Gotsman, C. *see* Roytman, E. 46132
Gotszalk, T. *see* Grabiec, P.B. 43397
Gott, G.F., Chan, S.K., Pantjiaros, C.A., Laycock, P.J. High frequency spectral occupancy at the solstices 45218
Gott, G.F. *see* Pantjiaros, C.A. 45219
Gottardi, G., Bolisani, E. A critical perspective on information technology management: the case of electronic data interchange 30090
Gottardi, M. *see* Bellutti, P. 58850
Gottberg, I. *see* Bass, E.A. 29832
Gottcheiner, A. *see* Bouzette, S. 40054
Gotter, C. *see* Brito, P. 32632
Gottert, J., Marth, M., Mohr, J., Patterson, B., Sochtig, J. Integration of III/V-devices on polymer micro-optical benches with single-mode waveguides 23565
Gottert, J. *see* Mohr, J. 26687
Gottert, J. *see* Muller, A. 16445
Gottfried-Gottfried, R., Budde, W., Jahne, R., Kuck, H., Sauer, B., Ulbricht, S., Wende, U. A miniaturized magnetic-field sensor system consisting of a planar fluxgate sensor and a CMOS readout circuitry 13156
Gottfried-Gottfried, R. *see* Muller, M. 17356
Gottfriedsen, J. *see* Pohl, U.W. 40339
Gotthardt, G.A. *see* Sandwith, C.J. 35895
Gottler, W. *see* Endres, H.-H. 36762
Gottlieb, D., Gustafsson, B., Olsson, P., Strand, B. On the superconvergence of Galerkin methods for hyperbolic IBVP 627
Gottlieb, M. *see* Denes, L.J. 55341
Gottlieb, U., Sun, X., Kolawa, E., Nicolet, M.-A. Temperature dependence of resistivity for TiN and Ti-Si-N films 42270
Gottlob, C., Demmel, F. Fit for future radiomonitoring and radiolocation up to 3 GHz 47548
Gottlober, P., Kerscher, M.J., Korting, H.C., Peter, R.U. Sonographic determination of cutaneous and subcutaneous fibrosis after accidental exposure to ionising radiation in the course of the Chernobyl nuclear power plant accident 49554
Gottschalch, V., Franzheld, R., Pietzonka, I., Schwabe, R., Benndorf, G., Wagner, G. MOVPE growth of spontaneously ordered (GaIn) and (AlIn)P layers lattice matched to GaAs substrates 52641
Gottschalch, V. *see* Kirpal, G. 40342
Gottschalch, V. *see* Waclawek, J. 27566
Gottschalk, H., Stritzke, T. Using Petri-net-models for energy demand optimisation 20272
Gottscheber, A., Nishihara, A. Passive two-dimensional wave digital filters used in a multirate system having perfect reconstruction 31377
Gottscheber, A., Nishihara, A. Wavelet bases obtained from the raised-cosine filter 34737
Gottschlich, J.M. *see* Gui, F. 29893
Gottscho, R.A., Barone, M.E., Cook, J.M. Use of plasma processing in making integrated circuits and flat-panel displays 43184
Gottscho, R.A. *see* Sherman, S. 2070
Gottwald, G. *see* Stotz, M. 34444
Gottwald, P., Krautle, H., Szentpali, B., Kincses, Z., Hartnagel, H.L. Damage characterisation of InP after reactive ion etching using the low-frequency noise measurement technique 54389
Gottwald, T., Ye, Z., Stuart, T. Equalization of EV and HEV batteries with a ramp converter 29788
Gottwald, T., Ye, Z., Stuart, T. Equalization of EV and HEV batteries with a ramp converter 39289
Gotwols, B.L., Aarholt, E., Chapman, R.D., Sterner, R.E., II Optical, radar and in situ measurements of internal wave dispersion 8491
Gotz, A. *see* Cane, C. 27704
Gotz, B. *see* Lindner, J.K.N. 12703
Gotz, M. *see* Abel, A. 4436
Gotz, M. *see* Falk, T. 43353
Gotz, M. *see* Kelber, K. 46002
Gotz, W., Johnson, N.M., Bour, D.P., Chen, C., Liu, H., Kuo, C., Imler, W. Shallow and deep level defects in GaN 12290
Gotz, W., Johnson, N.M., Bour, D.P., McCluskey, M.D., Haller, E.E. Local vibrational modes of the Mg-H acceptor complex in GaN 12230
Gotz, W. *see* Molnar, R.J. 21281
Gotze, J., Odegard, J.E., Rieder, P., Burrus, C.S. Approximate moments and regularity of efficiently implemented orthogonal wavelet transforms 4700
Gotze, J., Rieder, P. SVD-updating using orthonormal μ-rotations 24910
Gotze, J. *see* Rieder, P. 15305
Gotzelmann, R. *see* Zoller, A. 3553
Gotzfried, R. *see* Schuppen, A. 26555
Gotzhein, R. *see* Bredereke, J. 16086
Gotzhein, R., Bredereke, J. *(editors)* Formal Description Techniques IX. Theory, Application and Tools. IFIP TC6/6.1 International Conference on Formal Description Techniques IX/Protocol Specification, Testing and Verification XVI 20415
Gou, Z. *see* Placido, F. 3562
Gou Hui Li *see* Chen Jie Chee 53582
Gou Quan-Bu *see* Xu Hu-Shan 18113
Goualher, G.Le *see* Le Goualher, G.
Goubran, R.A. *see* Birkett, A.N. 25222
Goud, P.A. *see* Grant, S.J. 47763
Gouda, M.G. *see* Cobb, J.A. 46723
Gouda, M.G. *see* Cobb, J.A. 57906
Goudail, F., Refregier, P. Optimal location of an object with unknown Gaussian random luminance on an unknown Gaussian random background 46028
Goude, A. *see* Green, R.G. 39332
Goude, A. *see* Green, R.G. 61242
Goudeau, P. *see* Rahmoune, M. 32062
Goudemant, J.-F. *see* Thiran, J.-P. 59514
Goudge, L. The impact of the Internet on electronic engineering 35691
Goudonnet, J.P. *see* Hosain, S.I. 23482
Goudour, J.P. *see* Scheurer, J.N. 59353
Goudreau, L. *see* Lemaire, E.D. 8143
Gouet, L.Le *see* Le Gouet, L.
Gouezigou, L.Le *see* Le Gouezigou, L.
Gouezigou, O.Le *see* Le Gouezigou, O.
Gougam, A.B., Sicart, J., Robert, J.L. Negative magnetoresistance in silicon doped AlAs-GaAs short period superlattices 42146
Gougas, A. *see* Alverson, G. 18085
Gough, A.B. *see* Johnson, K.F. 20219
Gough, C.E. *see* Porch, A. 43876
Gough, G. *see* Barringer, H. 31062
Gough, J. *see* Jennings, C. 50845
Gough, M.P. *see* Bruckner, J.R. 56673
Gough, P.S. *see* Wren, G.P. 33868
Gough, P.T., Hawkins, D.W. Imaging algorithms for a strip-map synthetic aperture sonar: minimizing the effects of aperture errors and aperture undersampling 48130
Gough, P.T. *see* Blaikie, R.J. 24640
Gough, R.A. *see* Lee, Y. 22717
Gough, R.A. *see* Lee, Y. 49297
Gough, R.A. *see* Lee, Y. 49306
Gough, R.A. *see* Lee, Y. 49309
Gough, W.A. *see* Hung, O.K. 51882
Gougnaud, F. *see* Garvey, T. 49193
Gouhara, T. *see* Yoshida, H. 59392
Gouker, M.A., Delisle, J.T., Duffy, S. A 16-element subarray for hybrid-circuit tile-approach spatial power combining 14745
Gouker, M.A. *see* Delisle, J.T. 14757
Gouker, M.A. *see* Duffy, S.M. 34230
Gould, N. *see* Conn, A.R. 10417
Gould, N. *see* Conn, A.R. 30536
Gould, N. *see* Conn, A.R. 40124
Gould, N.I.M. *see* Dayde, M.J. 10475
Gould, O. *see* Alessi, J.G. 49196
Gould, P. *see* Bunce, P. 30125
Gould, R.D. *see* Hassan, A.K. 42014
Gould, R.D. *see* Shihub, S.I. 42017
Gouldy, C.A. *see* Hopper, R.D. 59453
Gouler, A. *see* Kirk, A. 55360
Goulet, E. *see* Katchmar, R. 52228
Gouliamos, A. *see* Argiris, A. 37626
Goul'kov, M.Yu., Odoulov, S.G., Sturman, B.I., Chernykh, A.I., Kratzig, E., Jakel, G. Bright light dots caused by interference of parametric scattering processes in $LiNbO_3$ crystals 14310
Goulon, J., Malgrange, C., Giles, C., Neumann, C., Rogalev, A., Moguiline, E., de Bergevin, F., Vettier, C. Design of an X-ray phase-plate analyzer to measure the circular polarization rate of a helical undulator source 49357
Goulon, J. *see* Gauthier, C. 59190
Goulyan, A.G. *see* Ajvazyan, H.H. 38064
Goumet, E. *see* Parillaud, O. 10704
Gourber, J.P. The LEP2 and LHC projects at CERN 27984
Gourdon, T. Doing business on the Internet 6252
Goureau, P., Djermoune, A. A non linear control for induction machine 60760
Goureau, P., Ibaliden, A. Fuzzy controller for induction machine 61183
Goureau, P., Markens, C., Ibaliden, A. Robustness of classical and fuzzy controllers for an AC drive 9621
Goureau, P. *see* Djermoune, A. 9253
Gourgon, C. *see* Mariette, H. 12721
Gourgoulis, D.E., Mikropoulos, P.N., Stassinopoulos, C.A. On the breakdown parameters of medium length rod-plane gaps stressed by positive impulse voltages with long wavetails 13221
Gourgoulis, D.E., Mikropoulos, P.N., Stassinopoulos, C.A. Analysis of sphere-rod gaps under standard lightning and switching impulse voltages 38432
Gourgoulis, D.E., Stassinopoulos, C.A., Yakinthos, C.G. Impulse breakdown of positive conductor-rod gaps 13220
Gourishankar, S., Pandiarajan, P. Recent advances in the residual life assessment methodologies for steam generators 60550
Gourlay, J., Love, G.D., Birch, P.M., Sharples, R.M., Purvis, A. A real-time closed-loop liquid crystal adaptive optics system: first results 55319
Gourlay, J., Vass, D.G. Edge-enhancement with ferroelectric liquid crystal spatial light modulators exploiting domain walls 33158
Gourley, C.S. *see* Thayer, S.M. 5302
Gourmelon, P. *see* Clarencon, D. 37827
Gournay, J.F. *see* Garvey, T. 49193
Gournay, P. *see* Lesaint, O. 23236
Gournay, P. *see* Saker, A. 19791
Gourrett, J.P., Khamlichi, J. A model for compression and classification of face data structures 25255
Gourrierec, L.Le *see* Le Gourrierec, L.
Gourrierec, P.Le *see* Le Gourrierec, P.
Gouse, R.P. *see* Goutzoulis, A.P. 34353
Gouskov, L. *see* Malzac, J.P. 10712
Gouskov, L. *see* Podlecki, J. 17359
Goussain, J.C., Vire, S. Prospects of very high power CO_2 laser in welding 14481
Goussard, Y. *see* Champagnat, F. 15334
Goussard, Y. *see* El-Jakl, J. 59672
Goussarov, D. *see* Villsboll, N. 29188
Goussarov, D. *see* Vilsboll, N. 60626
Goustouridis, D. *see* Kouvatsos, D.N. 12951
Goutan Chakraborty *see* Shiratori, N. 47003
Goutelard, C. *see* Caratori, J. 38060
Goutelle, A. *see* Renaud, M. 16730
Goutenoire, F. *see* Edwards, D.D. 41994
Goutis, C.E. *see* Bisdounis, L. 1315
Goutis, C.E. *see* Soudris, D.J. 45959
Goutsias, J. *see* Sivakumar, K. 57416
Goutzoulis, A.P., Gouse, R.P. Comparison of conventional and fiberoptic manifolds for a dual band (UHF and S) phased-array antenna 34353
Goutzoulis, A.P., Zomp, J.M., Johnson, A.H. Development and antenna range demonstration of an eight-element optically powered directly modulated receive UHF fiberoptic manifold 4399
Gouveia, E.A. *see* Amorim, H.T. 14362
Gouveia, W.P., Scales, J.A. Resolution of seismic waveform inversion: Bayes versus Occam 60023
Gouveia-Neto, A.S. *see* Amorim, H.T. 14362
Gouveia-Neto, A.S. *see* De Araujo, M.T. 33400
Gouveia-Neto, A.S. *see* de Araujo, M.T. 33659
Gouvela, E.A. *see* Fonseca, E.J.S. 13670
Gouvela-Neto, A.S. *see* Fonseca, E.J.S. 13670
Gouws, J. *see* Groenewald, M.L. 39345
Gouz, V.I. *see* Molebny, V.V. 59612
Gouzhva, Y.G., Gevorkyan, A.G., Bolotov, I.M., Pluzhnikov, S.N. RIRT activity in clock synchronization area by means of meteor bursts radio link 27938
Govaerts, W., Spence, A. Detection of Hopf points by counting sectors in the complex plane 10484
Gove, A.N. *see* Waxman, A.M. 17511
Gove, A.N. *see* Waxman, A.M. 25546
Gove, R.J. *see* Jihong Kim 5513
Goveas, N., Mukhopadhyay, P., Mukhopadhyay, G. Study of RE iron garnets using a modified BPW method 3179
Gover, A. *see* Cohen, M. 13906
Gover, A. *see* Pinhasi, Y. 33580
Gover, J., Carayannis, E.G., Peterson, M. Improving the national science and technology policy development process 9949
Gover, J., Peterson, M. Engaging engineers in science and technology policy development 9794
Goverdhanam, K., Tentzeris, E., Krumpholz, M., Katehi, L.P.B. An FDTD multigrid based on multiresolution analysis 33935
Govind, N. Optimal design of digital filters with embedded signal processors 31399
Govind Rao *see* Sipior, J. 3626
Govinda Raju, G.R., Leo Wu, Z. Generation and transport of charge carriers in polymers under transient voltages 32614
Govindan, S. A subgame property of stable equilibria 10278
Govindaraju, V. *see* Kim, G. 15558
Govindaraju, V. *see* Kim, G. 25757
Govoni, D. *see* Donolato, C. 39038
Govoreanu, B. *see* Dima, G. 42959

Govorkov, A.V., Enisherlova, K.L., Milvidsky, M.G. SEM of bilayer silicon structures produced by epitaxial growing and direct joint of wafers 12372
Govorkov, A.V., Enisherlova, K.L., Milvidskii, M.G., Chervyakova, E.N. Scanning electron microscopy studies of double-layer silicon structures prepared by epitaxy and direct bonding 54161
Govorkov, A.V. *see* Polyakov, A.Y. 52721
Govorov, A.I. *see* Baldin, A.M. 37160
Govorov, A.I. *see* Monchinsky, V.A. 28004
Govorov, A.I. *see* Volovov, V.I. 16985
Govorov, A.N., Kalagin, I.V., Kovalenko, A.D., Monchinsky, V.A., Ovsyannikov, V.P., Pilipenko, U.K., Popov, V.A., Salimov, E.H., Volkov, V.I. Linac LU-20 as injector of Nuclotron 37159
Govorov, A.O., Hansen, W., Kotthaus, J.P. Voltage-tuneable Bragg reflector based on the quantum confined Stark effect 3463
Govorov, A.O. *see* Schmerek, D. 22389
Govorova, R.A. *see* Bondar'kov, M.D. 28030
Govyadinov, A.N. *see* Raspereza, A.V. 41805
Gow, A.J. *see* Nghiem, S.V. 38078
Gow, A.J. *see* Nghiem, S.V. 60077
Gow Wuu Sou *see* Sou Gow Wuu
Goward, S.N. *see* Nagler, P.L. 8545
Gowda, G.V., Meadors, A.L. Application of ITS technologies to enhance the safety of blind/sightless road users 59826
Gowda, K.C. *see* Jagannathan, S. 46150
Gowda, K.C. *see* Prakash, H.N.S. 8335
Gowda, K.Chidananda *see* Chidananda Gowda, K.
Gowdy, J.N. *see* Duanpei Wu 34643
Gowdy, S. *see* D'Auria, S. 59251
Gowens, J.W., Nguyen, S.T. Evaluation of static load balancing using an environment for simulation of distributed systems (ESDS) 57812
Gower, F. *see* Anamkath, H. 60865
Gower, M.C. *see* Rizvi, N.H. 2540
Goyal, A. *see* Christen, D.K. 52673
Goyal, I.C. *see* Thyagarajan, K. 3360
Goyal, N.C. *see* Gupta, R.D. 17220
Goyal, R. Issues in designing high speed IC, PCB & MCM 41719
Goyal, R., Tripathi, V.K. MCM design methodology for portable wireless communication systems design 6574
Goyal, R. *see* Jain, R. 5759
Goyal, R. *see* Seo, Y. 1883
Goyal, R.K., Verman, A.K. Mathematical formulation for estimation of baseline in synthetic aperture radar interferometry 6875
Goyal, S. *see* Agarwal, A. 2080
Goyal, V.K., Vetterli, M. Consistency in quantized matching pursuit 14861
Goyal, V.K., Vetterli, M. Dependent coding in quantized matching pursuit 56616
Goyal, V.K., Zhuang, J., Vetterli, M., Chan, C. Transform coding using adaptive bases and quantization 57249
Goyer, J. *see* Kortbawi, D. 19892
Goyette, J. *see* Rouleau, J.-F. 13302
Goyette, T.M. *see* Petkie, D.T. 48372
Goyot, M. *see* Auffray, E. 37281
Gozdz, A.S. *see* Tarascon, J.M. 29558
Gozzi, A.C. *see* Almeida, A.M. 1878
Gozzini, G. *see* Kramer, A. 21831
Graaf, A.van der *see* van der Graaf, A.
Graaf, C.de *see* de Graaf, C.
Graaf, M.van der *see* van der Graaf, M.
Graaf, W.A.van der *see* van der Graaf, W.A.
Graaf, Y.van der *see* van der Graaf, Y.
Graafsma, H., Thorander, P., Heunen, W.J.C., Morse, J. Wide dynamic range germanium detector for perturbation crystallography 7841
Graas, F.van *see* van Graas, F.
Graauw, Th.de *see* de Graauw, Th.
Grab, R., Gunther, M., Wever, U., Qinghua Zheng Optimization of parallel multilevel-Newton algorithms on workstation clusters 11067
Grabar, A. *see* Anema, A. 44733
Grabar, A.A. *see* Odoulov, S.G. 4105
Grabbe, E. *see* Doler, W. 37647
Grabecki, G., Wrobel, J., Dietl, T., Sawicki, M., Domagala, J., Skoskiewicz, T., Papis, E., Kaminska, E., Piotrowska, A., Leszczynski, M., Ueta, Y., Sprinhultz, G., Bauer, G. Conductance anomalies in strained quantum wires: the case of PbSe and PbTe 42234
Grabecki, G., Wrobel, J., Dietl, T., Sawicki, M., Skoskiewicz, T., Papis, E., Kaminska, E., Piotrowska, A., Frank, N., Ueta, Y., Sprinholtz, G., Bauer, G. Conductance anomalies in strained quantum wires: the case of PbSe and PbTe 12416
Grabecki, G. *see* Dietl, T. 2203
Grabecki, G. *see* Takeyama, S. 22370
Grabenhorst, R. *see* Warzanskyj, W. 26388
Graber, H.C., Ebuchi, N., Vakkayil, R. Evaluation of ERS-1 scatterometer winds with ocean buoy observations 50054
Graber, H.C., Thompson, D.R., Carande, R.E. Ocean surface features and currents measured with synthetic aperture radar interferometry and HF radar 38081
Graber, H.C. *see* Chin, D.A. 50088
Graber, H.C. *see* Haus, B.K. 50152
Graber, H.C. *see* Sylvester, W.B. 50070
Graber, H.C. *see* Vakkayil, R. 50069
Graber, H.L. *see* Jenghwa Chang 28155
Graber, H.L. *see* Jenghwa Chang 28216
Graber, H.L. *see* Lenghwa Chang 28153
Graber, H.L. *see* Wenwu Zhu 57133
Grabherr, M. *see* Jager, R. 33528
Grabherr, M. *see* Schnitzer, P. 3851
Grabherr, M. *see* Schnitzer, P. 48002
Grabherr, M. *see* Weigl, B. 3897
Grabherr, M. *see* Weigl, B. 55609
Grabiec, P.B., Feng Shi, Hudek, P., Gotszalk, T., Zaborowski, M., Dumania, P., Rangelow, I.W. Scanning probe sharp tip formation for IC integration using mesa technique 43397
Grabinsky, G. *see* Miller, J.R. 32944
Grabit, Y. *see* Aloisi, R. 18790
Grable, R.J. Optical tomography improves mammography 7921
Grabmayr, P. *see* MacGregor, I.J.D. 37365
Grabner, P.J., Herendi, T., Tichy, R.F. Fractal digital sums and codes 21079
Graboll a, T. *see* Ramgopal Rao, V. 32089
Grabosch, H.-J. *see* Bamberger, A. 7787
Grabosch, H.-J. *see* Bamberger, A. 37358
Grabow, J.-U., Stahl, W., Dreizler, H. A multi-octave coaxially oriented beam-resonator arrangement Fourier-transform microwave spectrometer 7559
Grabow, M.H. *see* Vogel, E.M. 13584
Grabowska, E. Always with Polish Telecom [co-operation with telecommunication operators] 16154
Grabowski, A., Nowak, M., Tzanetakis, P. Determination of recombination and photogeneration parameters of a-Si:H using photoconductivity measurements 1984
Grabowski, C., Gahl, J.M., Schamiloglu, E. Plasma filling of high-power backward wave oscillators with nonuniform slow wave structures 12107
Grabowski, C., Gahl, J.M., Schamiloglu, E., Fleddermann, C.B. Pulse shortening in high-power backward wave oscillators 54003
Grabowski, C. *see* Gahl, J.M. 1946
Grabowski, C. *see* Young, D. 12115
Grabowski, K.S. *see* Chrisey, D.B. 10898
Grabowski, K.S. *see* Dorsey, P.C. 43647
Grabowski, K.S. *see* Knudson, A.R. 23084
Grabowski, P.Z. *see* Dzieniakowski, M.A. 9377
Grabski, F., Sarhan, A. Empirical Bayes estimation in the case of exponential reliability 364
Grabtschev, I.K., Moneva, I.T., Wolarz, E., Bauman, D. New unsaturated 1,8-naphthalimide dyes for use in nematic liquid crystals 55324
Grac, R. *see* Iehl, J.L. 33703
Gracco, V. *see* Adam, W. 59267
Grace, J.L., Poland, S.H., Murphy, K.A., Claus, R.O., Abraham, P., Sridharan, K. Embedded fiber optic sensors for structural damage detection 17403
Grace, J.L. *see* Jones, M.E. 49873
Grace, K.M. *see* Meier, M.M. 28610
Grace, M.I. *see* Ali-Ahmad, W.Y. 17215
Grace, T. *see* Wolfer, J. 60101
Grachev, A. *see* Kazharsky, O. 55600
Grachev, A.P. *see* Goncharov, I.G. 58783
Grachev, S.A. *see* Al'perovich, L.S. 54035
Gracia, G. *see* Gomez, F. 37446
Gracia, I. *see* Cane, C. 27704
Gracia-Caroca, E. *see* Roa-Sepulveda, C.A. 19550
Gracias, N., Lima, J., Figueiredo, M., Fred, A. Adaptive contour estimation with genetic algorithms 25509
Graczyk, S. *see* Jezewski, J. 28098
Gradauskas, I. *see* Dashevsky, Z.M. 31963
Gradauskas, J. *see* Asmontas, S. 36579
Gradauskas, J. *see* Asmontas, S. 58745
Gradinaru, G., Sudarshan, T.S., Gradinaru, S.A., Mitchell, W., Hobgood, H.M. Electrical properties of high resistivity 6H-SiC under high temperature/high field stress 31892
Gradinaru, S.A. *see* Gradinaru, G. 31892
Gradisnik, D., Marcic, B., Tovornik, B. Identification of thickness, size and surface of rolling materials with the laser distance sensor 58693
Grado, A. *see* Barone, F. 7186
Gradoboev, Yu.G. *see* Grekhov, I.V. 14224
Grady, W.M. *see* Chang, W.K. 50335
Grady, W.M. *see* Farach, J.E. 8978
Grady, W.M. *see* Stensland, T. 51091
Graedel, T.E. Life-cycle assessment of electronics manufacturing processes 21008
Graefe, V., Efenberger, W. A novel approach for the detection of vehicles on freeways by real-time vision 25777
Graefe, V. *see* Efenberger, W. 35219
Graeff, C.F.O. *see* Kawachi, G. 2617
Graeff, C.F.O. *see* Kawachi, G. 32408
Graessle, D.E., Clark, A.M., Fitch, J.J., Harris, B., Schwartz, D.A., Blake, R.L. Reflectance calibrations of AXAF witness mirrors using synchrotron radiation, 2-12 keV 28539
Graetzel, M. *see* Kay, A. 9561
Graetzel, M. *see* Rousar, I. 9542
Graf, A. SIPMOS high-current switches in automotive electronics: extra features cut system costs 39347
Graf, A. New applications with DECT 58194
Graf, D. *see* Wagner, P. 39892
Graf, D.D. *see* Hong Yaoliang 33246
Graf, F.R., Plagemann, B.H., Renn, A., Wild, U.P., Mitsunaga, M. Total dephasing-rephasing balancing in Stark-pulse-modulated photon echoes 33681
Graf, H.-D. *see* Alt, H. 3303
Graf, H.-D. *see* Dobert, S. 37145
Graf, M. Active alignment process reduces fiber-core offsets 33006
Graf, P. *see* Bufler, F.M. 11696
Graf, P. *see* Bufler, F.M. 54171
Graf, T., Balmer, J.E., Weber, R., Weber, H.P. Multi-Nd:YAG-rod variable-configuration resonator (VCR) end pumped by multiple diode-laser bars 23851
Graf, T., Pfeiffer, W. Influence of humidity on the flashover characteristics of small insulating distances under natural environmental conditions 32691
Grafarend, E. *see* Peiliang Xu 38033
Grafe, M. *see* Muller, J. 3615
Graff, P. Satellite accesses using ATM protocol 47326
Graffeuil, J. *see* Borgarino, M. 54599
Graffeuil, J. *see* Plana, R. 32379
Graffeuil, J. *see* Plana, R. 53566
Graffi, S., Masetti, G., Piovaccari, A. Criteria to reduce failures induced from conveyed electromagnetic interferences on CMOS operational amplifiers 1152
Graffigne, C. *see* Dugelay, S. 18912
Grafman, J. *see* Wassermann, E.M. 28088
Grafstroem, P. *see* Doble, N. 49258
Graglia, R.D., Sarto, M.S., Uslenghi, P.L.E. TE-TM modal decoupling in circular and coaxial waveguides filled with bianisotropic material 34151
Graglia, R.D., Wilton, D.R., Peterson, A.F. Higher order interpolatory vector bases for computational electromagnetics 44857
Graglia, R.D. *see* Pelosi, G. 33944
Graglia, R.D. *see* Pelosi, G. 56025
Gragopoulos, I., Pavlidou, F.-N. A new evaluation criterion for Clos- and Benes-type rearrangeable switching networks 25858
Graham, A., Kopp, G., Vargas-Aburto, C., Uribe, R. Preliminary space environment tests of nematic liquid crystals 44098
Graham, A.C. *see* Buckingham, R.O. 28395
Graham, C.R., Rudnick, E.M., Patel, J.H. Dynamic fault grouping for PROOFS: a win for large sequential circuits 53191
Graham, C.R. *see* Swafford, M.L. 20635
Graham, D., Hetz, H., Young, J. Evolution of intelligent networks: object oriented relationships for holistic communication services 26301
Graham, D.J. *see* Alexeev, G. 59200
Graham, D.S. *see* Pritchard, L.S. 43562
Graham, E.B., Raab, R.E. Covariant D and H fields for reflection from a magnetic anisotropic chiral medium 24454
Graham, G., Petzing, J., Lucas, M., Tyrer, J. Wholefield modal analysis using electronic speckle pattern interferometry 48940
Graham, G.M., Sanderson, T.M., Ume, C.I. Intelligent welding with laser ultrasonic sensing 38135
Graham, J. *see* Skellern, D.J. 35688
Graham, J. *see* Vajdic, S.M. 28298
Graham, J.J. *see* Murray, P. 19064
Graham, L.A. Land, sea, air–GPS/GIS field mapping solutions for terrestrial, aquatic and aerial settings 60093
Graham, M.C. *see* Pentlow, K.S. 7909
Graham, M.J. *see* Gao, L.J. 32796
Graham, M.J. *see* Lu, Z.H. 54399
Graham, M.J. *see* Schmuki, P. 2401
Graham, M.L. *see* Nardone, S.C. 45729
Graham, P., Nelson, B. A hardware genetic algorithm for the traveling salesman problem on Splash 2 10307
Graham, R. *see* Baber, C. 24824
Graham, R. *see* Keegan, C.E. 59978
Graham, S.W. *see* Marks, S. 42627
Graham, W.G., Steen, P.G., Courteille, C., Leroy, R., Bacal, M. A comparison of the plasma characteristics of two multicusp negative ion sources 37184
Graham, W.G. *see* Steen, P.G. 37172
Graham Sommer, F., Sumanaweera, T.S., Glover, G. Tissue ablation using an acoustic waveguide for high-intensity focused ultrasound 49774
Grahl, H. *see* Mueller, M. 23310
Grahn, H.T. *see* Hatatani, S. 40360
Grahn, H.T. *see* Kastrup, J. 42173
Grahn, H.T. *see* Martini, R. 22410
Grahn, H.T. *see* Mazuelas, A. 55709
Grahn, H.T. *see* Ohtani, N. 22397
Grahn, H.T. *see* Yaokui Zhang 42203
Graindorge, P., Laloux, B., Girault, M., Martin, P., Lefevre, H.C., Desforges, F.X. Metricor 2000: a multi-parameter fiber-optic sensor instrument 36616
Graindorge, P. *see* Girault, M. 48590
Grainger, F. *see* Hartley, R.H. 10740
Grainger, L.G., Bollinger, K.E. Measurement of frequency of nonsinusoidal signals 17725
Grainger, P. *see* Preece, A.W. 37896
Grainger, R.W. *see* Braslavsky, J.H. 34970
Grainger, W. *see* Chang, Y.-W. 60163
Grais, K.I., Marcos, M.L. An approach to fit ion induced secondary electron emission coefficient on ion energy in some insulators 12068
Grajal, J. *see* Alonso, J.I. 26612
Grajal de la Fuente, J. *see* Garcia-Castillo, L.E. 4394
Gramatikov, B. *see* Casaleggio, A. 37784
Grambole, D. *see* Beyer, R. 43228

Grambow, B. *see* Quinones, J. 38514
Grambow, P. *see* Nash, G.R. 2157
Gramegna, G., O'Connor, P., Rehak, P., Hart, S. Low-noise CMOS preamplifier-shaper for silicon drift detectors 59327
Gramegna, G. *see* De Venuto, D. 2749
Gramegna, G. *see* O'Connor, P. 59315
Gramlich, S. *see* Knauer, A. 40357
Gramlich, S. *see* Sato, M. 42135
Gramlich, V. *see* Feng Pan 24156
Gramling, C.J., Long, A.C., Horstkamp, G.M. Autonomous navigation integrated with spacecraft communication systems 49845
Gramm, M.I. Variant of deductive organization of electrical engineering theory for high school study 20562
Grammalidis, N., Strintzis, M.G. Multiview video coding using a multi-state dynamic programming disparity estimation algorithm 15592
Grammalidis, N., Strintzis, M.G. Disparity and occlusion estimation for multiview image sequences using dynamic programming 57244
Grammalidis, N. *see* Tzovaras, D. 46454
Grammalidis, N. *see* Tzovaras, D. 56683
Grammalidis, N. *see* Tzovaras, D. 57460
Grammatikakis, M.D. *see* Hwang, F.K. 35419
Grammer, W. *see* Shifrin, M. 11663
Gramoll, K., Craig, J. Teaching a multimedia course in engineering 9930
Gramp, K.J. A comparison of different tasking architectures used in mobile satellite communication ground station software 58247
Grana Gil, J., Vilares Ferro, M., Bernhard, R. Communication protocols verification with ESTEREL 35501
Granade, S.R., Drueding, T.W. Variation in material removal in Gaussian removal processes 10059
Granados, J. *see* Tighe, J.R. 14739
Granata, J. *see* Tuttle, J.R. 39065
Granata, J.E., Sites, J.R., Contreras-Puente, G., Compaan, A.D. Effect of CdS thickness on CdS/CdTe quantum efficiency [solar cells] 39078
Granata, R.D. *see* Madani, M.M. 54732
Granath, K. *see* Niemi, E. 39066
Granath, K. *see* Rockett, A. 39115
Granatstein, V.L. Microwave amplifiers for driving TeV linear colliders 36987
Granatstein, V.L. *see* Chu, K.R. 1954
Granatstein, V.L. *see* Guo, H. 12104
Granatstein, V.L. *see* Lawson, W. 37138
Granatstein, V.L. *see* Nusinovich, G.S. 41791
Granatstein, V.L. *see* Saraph, G.P. 1939
Granatstein, V.L. *see* Shkvarunets, A. 1947
Granatstein, V.L. *see* Singh, A. 1937
Grancagnolo, F. *see* Andryakov, A. 37226
Grancea, Al. *see* Alexandru, H.V. 10589
Grand, G. *see* Tong, F. 26751
Grand, J.B.le *see* le Grand, J.B.
Grandchamp, J.-P. *see* Bourouina, T. 23036
Grandchamp, M., Cavassilas, J.-F. Simulation of noise involved in synthetic aperture radar 48037
Grandell, J. *see* Hallikainen, M. 18877
Grandell, J. *see* Palliainen, J. 8471
Grandgenett, D. *see* Grandgenett, N. 39621
Grandgenett, N., Grandgenett, D. Techniques for improving computer-assisted presentations 39621
Grandi, G., Kazimierczuk, M.K., Massarini, A., Reggiani, U. Stray capacitances of single-layer air-core inductors for high-frequency applications 31548
Grandi, G.De *see* De Grandi, G.
Grandis, M.De *see* De Grandis, M.
Grandjean, F. *see* Vandormael, D. 32812
Grandjean, N., Massies, J. Surfactant-mediated molecular beam epitaxy of III-V strained-layer heterostructures 10714
Grandjean, N., Massies, J., Vennegues, P., Laugt, M., Leroux, M. Epitaxial relationships between GaN and Al_2O_3(0001) substrates 30801
Grandjean, N. *see* Disseix, P. 42169
Grando, D. *see* Palchetti, L. 44041
Grando, J. *see* Bonnet, P. 24455
Grando, J. *see* Bonnet, P. 34033
Graneau, P. *see* Hathaway, G. 29656
Granelli, G.P., Montagna, M., Ricci, M. A bounding criterion for efficient contingency screening 8764
Granelli, G.P. *see* Demartini, G. 19528
Grangeat, P. *see* de Murcia, J. 59546
Grangeon, F. *see* Sassoli, H. 10867
Granger, A., Vinh Phue Pham, Galstyan, T.V., Lessard, R.A. Optical phase conjugation in novel azo-dye doped PMMA films 24083
Granger, A. *see* Vinh Phuc Pham 43904
Granger, R., Triboulet, R., Rolland, S. Bond stability and electronic properties of $Hg_{1-x}Zn_xTe$ solid solutions 48507
Grangier, Ph. *see* Lugiato, L.A. 44667
Granholm, J. *see* Lintz Christensen, E. 8311
Granholm, J. *see* Madsen, S.N. 27017
Granier, E., Kleiner, M., Dalenback, B.-I., Svensson, P. Experimental auralization of car audio installations 7111
Granier, H., Tasselli, J., Marty, A., Hiep Pham Hu A $SiCl_4$ reactive ion etching and laser reflectometry process for AlGaAs/GaAs HBT fabrication 22767
Granieri, S., de Carmen Lasprilla, M., Bolognini, N., Sicre, E.E. Space-variant optical correlator based on the fractional Fourier transform: implementation by the use of a photorefractive $Bi_{12}GeO_{2s}$ (BGO) holographic filter 13793
Granito, A. *see* Cardarelli, G. 150
Granito, C., Wilde, J.N., Petty, M.C., Houghton, S., Iredale, P.J. Toluene vapour sensing using copper and nickel phthalocyanine Langmuir-Blodgett films 27744
Granitz, R.F. *see* George, A.G. 294
Granitza, B. *see* Laux, S. 3543
Granley, G.B., Hurst, A.T. Projected applications, status and plans for Honeywell high density, high performance, nonvolatile memory 3258
Granlund, G. *see* Ulvklo, M. 15720
Granlund, L. *see* Lindgren, S. 33542
Granlund, S. *see* Delavaux, J.-M.P. 26874
Granlund, S.W. *see* Delavaux, J.-M.P. 16663
Grannan, S.M., Richards, P.L., Hase, M.K. Numerical optimization of bolometric infrared detectors including optical loading, amplifier noise, and electrical nonlinearities 58762
Grannells, R. *see* Holmes, R. 1812
Granosik, G., Zarychta, D. Co-operation between two robots using stereo-vision tracking system 5221
Granot, F., Skorin-Kapov, J., Tamir, A. Using quadratic programming to solve high multiplicity scheduling problems on parallel machines 30518
Granovskii, Yu.V. *see* Markova, E.V. 39624
Granozzi, G. *see* Sambi, M. 52614
Grant, C.A., Scott, T.M. The "superhighway": a revolutionary means of supporting collaborative work 57956
Grant, D. *see* Wheeler, P. 38867
Grant, E.R. Improved Technical Specifications [nuclear plants] 38546
Grant, J.M., Ang, M., Allen, L.R. Selective deposition of silicon and silicon-germanium alloys by rapid thermal chemical vapor deposition 21294
Grant, J.M., Karim, Z. Rapid thermal oxidation of silicon in mixtures of oxygen and nitrous oxide 22577
Grant, K.P., Baumgardner, C.R., Shane, G.S. The perceived importance of technical competence to project managers in the defense acquisition community 20757
Grant, L.J. *see* Moseley, H. 8190
Grant, P.M. Emerging applications of high temperature superconductors in electric power 19367
Grant, P.M. *see* Antoszczyszyn, P.M. 56963
Grant, P.M. *see* Auer, G. 47580
Grant, P.M. *see* Ng, Y.H. 7031
Grant, P.M. *see* Sava, H.P. 59430
Grant, P.M. *see* Sava, H.P. 59794
Grant, P.M. *see* Thompson, J.S. 6516
Grant, R.S. Effective non-linear coefficients of optical waveguides 3402
Grant, R.S. *see* Chu, K.C. 17838
Grant, R.S. *see* Krauss, T.F. 44001
Grant, S.J., Cavers, J.K., Goud, P.A. A DSP controlled adaptive feedforward amplifier linearizer 47763
Grantham, C. *see* Jin, J.X. 43849
Grantham, C. *see* Jin, J.X. 48452
Grantham, C. *see* Jin, J.X. 50640
Grantham, C. *see* Jin, J.X. 50927
Grantman, L. *see* Peled, A. 3449
Grantner, J.L. *see* Patyra, M.J. 1489
Granucci, G. *see* Simonetto, A. 8208
Granveaud, M. *see* Guillemot, P. 27373
Granville, S. *see* Meio, A.C.G. 50312
Granville, S. *see* Mello, J.C.O. 60298
Graovac, D., Marcetic, D., Katic, V. Comparison of design methods for standard digital industrial regulators 61233
Graovac, D. *see* Katic, V. 9406
Graovac, M. *see* Konrad, A. 41595
Graovac, M. *see* Nahman, J. 38226
Graper, E.B. A systematic method for the design of vacuum equipment and the choice of components within a limited budget 850
Grapin, J.C. *see* Bouffault, F. 58625
Grapperhaus, M.J., Kushner, M.J. A semianalytic radio frequency sheath model integrated into a two-dimensional hybrid model for plasma processing reactors 41730
Grard, E. *see* Ducellier, T. 47962
Grard, E. *see* Jourdan, A. 26441
Grard, R.J.L. *see* Torkar, K. 59857
Grasa, M.S. *see* Zuobin Wang 44836
Graschew, G. *see* Grosskopf, S. 25254
Grasdepot, F., Alause, H., Knap, W., Malzac, J.P., Suski, J. Domestic gas sensor with micromachined optical tunable filter 36766
Grass, E., Bartlett, V., Kale, I. Completion-detection techniques for asynchronous circuits 41112
Grasselli, U. A probabilistic method for simulation and design optimization of stand-alone photovoltaic systems 19632
Grasselli, U. *see* Parise, G. 19410
Grasser, B. *see* Hutten, H. 37789
Grasser, B. *see* Schreier, G. 28362
Grasser, B. *see* Schreier, G. 59571
Grasshoff, G. *see* Stavreva, Z. 42637
Grassi, D., Caroli, E., De Cesare, G., Donati, A., Dusi, W. Study of a CdTe multipixel spectrometer for X- and γ-rays 7849
Grassi, D. *see* Di Cocco, G. 59368
Grassi, D. *see* Ramunno, G. 37332
Grassi, G. *see* Brucoli, M. 21471
Grassi, G. *see* Brucoli, M. 53483
Grassi, M.L., Rizzo, R. Implementation of a feeding algorithm for direct torque control of induction motor drives 51724
Grassin, S., Garello, R. Spectral analysis of non-stationary ocean SAR images using the Wigner-Ville transform 18873
Grassin, S., Garello, R. Applications of Wigner-Ville distribution on ERS-1 SAR images 36259
Grassin, S., Garello, R. Spectral analysis of the swell using the reassigned Wigner-Ville representation 50130
Grassl, M. *see* Pellizzari, T. 13750
Grassmann, A., Mih, R., Kluwe, A. How focus budgets are spent: limitations of advanced i-line lithography 2525
Grasza, K. *see* Kutrowski, M. 10723
Grasza, K. *see* Palosz, W. 12242
Gratchev, V.M. *see* Dmitrenko, V.V. 59282
Gratiet, J.L.Le *see* Le Gratiet, J.L.
Gratsch, F. *see* Hofler, A. 12644
Gratta, C.Del *see* Del Gratta, C.
Grattan, K.T.V. Many hands make light work: optics in the service of instrumentation and measurement 27604
Grattan, K.T.V. *see* Addy, R.C. 17844
Grattan, K.T.V. *see* Addy, R.C. 36900
Grattan, K.T.V. *see* Anwar, N. 55305
Grattan, K.T.V. *see* Badini, G.E. 17859
Grattan, K.T.V. *see* Buah, P.A. 55213
Grattan, K.T.V. *see* Hauptmann, M.A. 27595
Grattan, K.T.V. *see* Kemp, J. 48642
Grattan, K.T.V. *see* Marshall, R.H. 27553
Grattan, K.T.V. *see* Marshall, R.H. 36611
Grattan, K.T.V. *see* Ning, Y.N. 17447
Grattan, K.T.V. *see* Qi Wang 17446
Grattan, K.T.V. *see* Shi, W.J. 48612
Grattan, K.T.V. *see* Shiping Chen 36609
Grattan, K.T.V. *see* Sun, T. 36495
Grattan, K.T.V. *see* Wongcharoen, T. 3559
Grattan, K.T.V. *see* Wongcharoen, T. 33069
Grattan, K.T.V. *see* Wongcharoen, T. 33072
Grattan, K.T.V. *see* Yamaguchi, T. 38587
Grattarola, M., Martinoia, S., Lorenzelli, L., Bove, M., Lui, A., Margesin, B., Zen, M. H^+-FET sensor-based workstation for bioelectrochemical applications 58864
Grattarola, M. *see* Cambiaso, A. 18930
Grattarola, M. *see* Fanigliulo, A. 7454
Grattepain, C. *see* Ortion, J.R. 22599
Grattepain, C. *see* Tromson-Carli, A. 40478
Gratton, E. *see* Walker, S.A. 37658
Gratzel, M. *see* Bonhote, P. 9541
Gratzel, M. *see* Papageorgiou, N. 20032
Graube, M., Johannsmeyer, U. Optoelectronic systems in the area of explosion hazards 6762
Grauel, A. *see* Ludwig, L.A. 7479
Grauel, A. *see* Ludwig, L.A. 10201
Graumann, P.J.W. *see* Gibb, S.G. 21801
Graumann, P.J.W. *see* Panneerselvam, G. 11474
Graumann, P.J.W. *see* Turner, L.E. 11073
Graumann, P.J.W. *see* Turner, L.E. 11583
Graupner, W. *see* Leising, G. 23691
Grauschopf, T., Griebel, M., Regler, H. Additive multilevel preconditioners based on bilinear interpolation, matrix-dependent geometric coarsening and algebraic multigrid coarsening for second-order elliptic PDEs 40218
Grauvogl, M., Aberle, A.G., Hezel, R. 17.1% efficient truncated-pyramid inversion-layer silicon solar cells 39199
Grave, I., Griffel, G., Daous, Y., Golan, G. Structural and dynamic analysis of an ultra short intracavity directional coupler 23548
Grave, T. *see* Muller, J.-E. 41493
Grave, T. *see* Simlinger, T. 54703
Gravel, D.B., Drolet, G., Rozon, C.N. Improved VLSI design for decoding concatenated codes comprising an irreducible cyclic code and a Reed-Solomon code 4510
Gravert, M. *see* Nolting, H.-P. 47935
Gravert, M. *see* Nolting, H.-P. 55252
Graves, H.L., III *see* Naus, D.J. 29031
Graves, J.S. *see* Wakefield, R.A. 60343
Graves, M.S. *see* Parsons, T.L. 59977
Graves, R. *see* BiCesare, F. 9899
Graves, W.S., Johnson, E.D., Raubenheimer, T.O. The Source Development Lab linac at BNL 49058
Graves-Morris, P.R., Roberts, D.E. Problems and progress in vector Pade approximation 30559
Gravesteijn, D.J. *see* Cowern, N.E.B. 42049
Gravesteijn, D.J. *see* Rupp, T. 2085
Gravesteijn, D.J. *see* Thornton, J.M.C. 1986
Gravey, A. *see* Bostica, B. 47499
Gravey, P. *see* Bostica, B. 47499
Gravey, P. *see* Gosselin, S. 3988
Gravey, P. *see* Martel, G. 3977
Gravey, P. *see* Vincensini, F. 26811
Gravier, T., Braud, F., Torres, J., Palleau, J., Chantre, A., Kirtsch, J. Copper contamination effects in 0.5 μm BiCMOS technology 43351
Gravrok, R.J., Scheid, D., Ficke, J.T., VanGoor, K.A., Rao, V. Advanced MCM-Ds break the I/O bottleneck with embedded area-array integrated circuits 303
Gravrok, R.J. *see* Blossfield, K.M. 1879
Gravrok, R.J. *see* Ficke, J.T. 305
Gravrok, R.J. *see* Ficke, J.T. 53864
Gravseth, I.J. *see* Bank, T. 49932
Graw, K.-U. *see* Lengricht, J. 38080

Grawe, J., Zinow, B.-M. Electricity transmissions according to the present and future law 50493
Grawe, J.Von *see* Von Grawe, J.
Grawert, M. *see* Noting, H.-P. 23555
Grawes, E. *see* Zarandy, A. 35093
Gray, A., Dhar, N.K., Clark, W., Charlton, P., Dinan, J.H., Mayo, W.E. Twinning in epilayers of CdTe on ⟨211⟩ Si: influence of ZnTe buffer layer and substrate misorientation 729
Gray, A. *see* Smyth, P. 40013
Gray, A. *see* Tamargo, M.C. 21243
Gray, A.L. *see* Livingstone, C.E. 8533
Gray, C. ISO 9000: common mistakes and easy successes 30082
Gray, D.A. *see* Abramovich, Yu.I. 25119
Gray, D.A. *see* Krieg, M.L. 25228
Gray, D.A. *see* Krieg, M.L. 25231
Gray, D.A. *see* Krieg, M.L. 26986
Gray, D.A. *see* Legg, J.A. 27030
Gray, D.C. *see* Goda, B.S. 20497
Gray, E. *see* Lawrence, G. 49177
Gray, E.G. *see* Armstrong, J.R. 31057
Gray, E.R. *see* Garnett, R.W. 17896
Gray, E.R. *see* Stovall, J.E. 49169
Gray, E.R. *see* Wangler, T.P. 49086
Gray, F. *see* Holmes, R. 1812
Gray, G.M. *see* Fleurov, V.B. 24215
Gray, G.R. *see* DeTienne, D.H. 55684
Gray, G.R. *see* Pan, M.-W. 33513
Gray, H.F., Maxwell, R.J., Martinez-Perez, I., Arus, C., Cerdan, S. Genetic programming classification of magnetic resonance data 59482
Gray, H.F. *see* Hsu, D.S.Y. 41741
Gray, J. *see* Brebner, G. 16216
Gray, J. *see* Woods, R. 21571
Gray, J.E., Harter, T.L. On the application of e^{hD2} to evaluate integrals 45489
Gray, J.E. *see* Burton, S.L. 48047
Gray, J.E. *see* Murray, W.J. 48046
Gray, J.L. Interpretation of capacitance-voltage characteristics in thin-film solar cells using a detailed numerical model 39099
Gray, J.L. *see* Holden, T. 41918
Gray, J.M., Marsh, J.H. 850-nm antiguided laser array fabricated using a zinc disordered superlattice 3845
Gray, J.W.D. *see* Pattison, D.A. 14011
Gray, L. *see* Linskey Merrill, M. 50154
Gray, L. *see* Shahidi, R. 18399
Gray, L. *see* Vachon, P.W. 18895
Gray, L.A. *see* Date, E.S. 28326
Gray, M.H. *see* Yang, Y.T. 36597
Gray, P.F. *see* Lidiard, K.A. 8350
Gray, P.R. *see* Cho, T.B. 6600
Gray, R.B. *see* Srivastava, S.K. 16893
Gray, R.J. *see* Watson-Walker, M.A. 20566
Gray, R.M., Olshen, R.A., Ikeda, D., Cosman, P.C., Perlmutter, S.M., Nash, C., Perlmutter, K.O. Measuring quality in computer-processed radiological images 8038
Gray, R.M. *see* Chaddha, N. 25378
Gray, R.M. *see* Hemami, S.S. 46126
Gray, R.M. *see* Hemami, S.S. 46252
Gray, R.M. *see* Perlmutter, K.O. 25412
Gray, R.N. *see* Allison, W.W.M. 37269
Gray, S., Grudinin, A.B. Two GHz soliton fiber laser mode-locked with hybrid saturable absorber 33405
Gray, S. *see* Grudinin, A.B. 16751
Gray, S. *see* Grudinin, A.B. 33398
Gray, S.D., Preisig, J.C., Brady, D. Multiuser detection in a horizontal underwater acoustic channel using array observations 26939
Gray, W., Morris, C., Nelson, J. Handover control scenarios within an IN architecture 36042
Gray, W.S., Nabet, B. Volterra series analysis of a neural network for velocity estimation 56834
Gray Lin, Shun-Tung Yen, Chien-Ping Lee, Der-Cherng Liu Extremely small vertical far-field angle of InGaAs-AlGaAs quantum-well lasers with specially designed cladding structure 14144
Gray Lin *see* Shun-Tung Yen 44567
Graydon, O.C. *see* Poulsen, C.V. 6756
Grayson, T.P., Myers, L.E., Barnes, L.J., Nelson, M.D., McDonald, S.A., Missey, M.J., Dominic, V. Frequency-agile laser radar using a periodically-polled lithium niobate optical parametric oscillator 6969
Grayson, T.P. *see* Myers, L.E. 23437
Grayson, T.P. *see* Nelson, M.D. 4064
Grazia Giri, M., Carla, M., Gambi, M.C., Senatra, D., Chittofrati, A., Sanguineti, A. Dielectric analysis of the percolation transition in fluorinated water in oil microemulsions 23231
Grazia Montesano, M. *see* Binaghi, E. 50012
Graziano, A. *see* de Feo, M. 58410
Graziosi, F. *see* Ruggieri, M. 47654
Grazioso, P. *see* Frullone, M. 6532
Grazioso, P. *see* Frullone, M. 16623
Grazioso, P. *see* Frullone, M. 47721
Grcar, B., Cafuta, P., Znidaric, M. Practical robust stabilization of PMAC servo drive based on continuous variable structure control 20138
Grcar, B. *see* Cafuta, P. 20111
Grcar, B. *see* Stumberger, G. 60827
Grcev, L.D., Heimbach, M. Frequency dependent and transient characteristics of substation grounding systems 38920
Grcev, L.D. *see* Heimbach, M. 38420
Grear, B., Cafuta, P., Znidaric, M., Dolinar, D. Two stage nonlinear control design of PMAC servodrive 29678
Grear, B. *see* Ritonja, J. 60252
Greasley, H. *see* Watts, C. 57888
Greason, J. *see* Bohr, M. 41067
Greason, W.D. Constant charge and constant potential models for electrostatic discharge (ESD) 33807
Greason, W.D., Bulach, S. Constant energy device test for electrostatic discharge (ESD) of semiconductor devices 32344
Greason, W.D., Bulach, S., Flatley, M. Non-invasive detection and characterization of ESD induced phenomena in electronic systems 24348
Greason, W.D., Kucerovsky, Z., Bulach, S., Flatley, M.W. Investigation of the optical and electrical characteristics of a spark gap 38431
Greason, W.D., Kucerovsky, Z., Bulach, S., Flatley, M.W. Noninvasive optoelectronic system for measurement of electrostatic discharge (ESD)-induced phenomena 55963
Greason, W.D., Kucerovsky, Z., Flattey, M.W., Bulach, S. Noninvasive measurement of electrostatic discharge (ESD) induced phenomena in electronic systems 36482
Greated, C.A. *see* Hann, D.B. 59018
Greathouse, S. Critical issues with chip scale packages (CSPs) 20862
Greaves, D. The CSYN Verilog compiler and other tools 11309
Greaves, D. *see* Chuang, S.-C. 57731
Greaves, E.D. *see* Bohus, L.S. 59299
Greaves, J.B., Jr. Manufacturing with conductive adhesives 39834
Greaves, R.G., Surko, C.M. Solid neon moderator for positron trapping experiments 27989
Greaves, R.G. *see* Gilbert, S.J. 49311
Greaves, S.D., Heatley, D. Design of receivers for free-space FM optical video systems 26769
Greaves, S.D. *see* Nicholls, P.J. 26152
Greaves, S.J. *see* Fan, W. 42404
Grebe, D. *see* Kaminskii, A.A. 44407
Grebe, D. *see* Kaminskii, A.A. 44738
Grebe, D. *see* Leonard, G. 17499
Grebe, E. *see* Clodius, D. 8797
Grebe, E. *see* von Weber, H. 50422
Grebenkova, O.B. *see* Dobryakov, B.S. 8113
Grebenuk, A.A. *see* Barkov, L.M. 37486
Grebner, R. *see* Bodendorf, F. 26362
Grebner, S. *see* Popovic, P. 39151
Grebogi, C. *see* Hayes, S. 4413
Grebogi, C. *see* Rosa, E., Jr. 34797
Greborio, L. *see* Bertone, D. 52658
Grechikhin, V.A., Rinkevichius, B.S. Digital Hilbert transform for processing of laser Doppler vibrometer signals 58668
Grechishkin, R.M., Goosev, M.Yu., Ilyashenko, S.E., Neustroev, N.S. High-resolution sensitive magneto-optic ferrite-garnet films with planar anisotropy 3171
Grechishkin, R.M. *see* Pastushenkov, Yu.G. 55066
Grechishkin, R.M. *see* Suponev, N.P. 3150
Grechukh, T.Z. *see* Moiseenko, V.N. 24080
Grecki, M., Pacholik, J., Wiecek, B., Napieralski, A. Application of computer-based thermography to thermal measurements of integrated circuits and power devices 43225
Greco, D. *see* Calcagnile, L. 24116
Greco, D. *see* Calcagnile, L. 42111
Greco, M.del *see* del Greco, M.
Greco, M.V. *see* Farina, A. 6923
Greco, O.T. *see* Polley, R. 28438
Greco, P. *see* Kherrat, R. 48705
Greco, S. *see* Subbanna, S. 41161
Greco, V. *see* Trivi, M. 7586
Grecu, D. *see* Shao, M. 9554
Grecu, D.S. *see* Fischer, A. 39103
Grecu, L. *see* Chilian, A. 18528
Grecu, R. *see* Nascu, C. 31893
Grecu, R. *see* Pop, I. 2086
Grecu, V.V. *see* Craciun, G. 41897
Greczko, E. *see* Mucko, J. 9395
Greek, S., Ericson, F., Johansson, S., Schweitz, J.-A. In situ tensile strength measurement and Weibull analysis of thick film and thin film micromachined polysilicon structures 54054
Green, A.D. Measurements of the dielectric relaxation spectra of nine liquids and binary mixtures at 20°C and microwave frequencies 27835
Green, A.H., Jr. A new technique for image generation when extending synthetic aperture radar (SAR) technology to nonlinear geometries 16952
Green, A.K., Darvish, S., Shafir, E. Practical terminations for optical fibres embedded in composite materials 17425
Green, A.M. Operation of inverters supplying mutually coupled induction heating loads 29877
Green, A.M., Jenkins, N. Connection of small wind-turbines in weak grids 29181
Green, A.M., Williamson, A.C. The elimination of interference voltages from mutually-coupled induction heating coils 20236
Green, A.M., Williamson, A.C. The parallel operation of inverters supplying induction heating loads 51860
Green, B.D. *see* Oakes, D.B. 12799
Green, B.M., Jensen, M.A., Rahmat-Samii, Y. Dual-mode antenna for satellite/terrestrial communications 35933
Green, C. *see* Allport, P.P. 37375
Green, C. *see* Beringer, J. 37394
Green, C. *see* Little, C. 27340
Green, D. *see* Martinez, M.J. 43120
Green, E. *see* Hu, A. 33211
Green, E.D.H. *see* Allen, E.L. 20463
Green, H. *see* Deel, D. 27152
Green, J. *see* Muljadi, E. 20284
Green, J.E. *see* Solka, J.L. 60175
Green, J.L. *see* Greenwald, R.A. 38062
Green, K. *see* Pellegrini, J. 42801
Green, L. Schools and industry: working together 39604
Green, L. *see* Russell, M. 24586
Green, L.H., Shulman, G. The economic impact of reducing deep drilling costs for heat mining power plants 29125
Green, L.H. *see* Hogan, P. 9035
Green, M., Duerden, S. Collaboration, English composition, and the engineering student: constructing knowledge in the Integrated Engineering Program 20455
Green, M. *see* Fardad, M.A. 3419
Green, M. *see* Palmer, R.B. 17924
Green, M. *see* Roedel, R.J. 20577
Green, M. *see* Wenzel, J. 1872
Green, M.A. Some options for the muon collider capture and decay solenoids 17927
Green, M.A. The effect of muon decay on the design of dipoles and quadrupoles for a muon collider 17941
Green, M.A. Superconducting magnets for a muon collider 17973
Green, M.A. Depletion region recombination in silicon thin-film multilayer solar cells 20027
Green, M.A. Theory of grain boundary effects upon single junction and multijunction polycrystalline silicon thin film solar cells 20042
Green, M.A. Generalized relationship between dark carrier distribution and photocarrier collection in solar cells 38966
Green, M.A. Brain sport: the 1996 World Solar Challenge solar car race across Australia 51794
Green, M.A., Emery, K., Bucher, K., King, D.L., Igari, S. Solar cell efficiency tables (version 8) 20028
Green, M.A., Emery, K., Bucher, K., King, D.L., Igari, S. Solar cell efficiency tables (Version 9) 51605
Green, M.A., Garren, A.A., Leung, E.M., Madura, D.D., Cline, D.B., Kolonko, J.J., Schachinger, L.C. A superconducting bending magnet system for a compact synchrotron light source 49358
Green, M.A., Jia, L.X., Addessi, L.J., Cullen, J.R., Jr., Esper, A.J., Meier, R.E. A design method for multiple tube gas-cooled electrical leads for the g-2 superconducting magnets 37081
Green, M.A. *see* Altermatt, P.P. 20025
Green, M.A. *see* Altermatt, P.P. 51559
Green, M.A. *see* Chisholm, W.A. 8927
Green, M.A. *see* Edmiston, S.A. 9540
Green, M.A. *see* Guang Fu Zheng 20026
Green, M.A. *see* Guang Fu Zheng 39035
Green, M.A. *see* Guang Fu Zheng 39206
Green, M.A. *see* Jia, L.X. 49162
Green, M.A. *see* Palmer, R.B. 17966
Green, M.A. *see* Sproul, A.B. 39001
Green, M.A. *see* Stephens, A.W. 42551
Green, M.A. *see* Wenham, S.R. 39088
Green, M.A. *see* Zhao, J. 29640
Green, M.A. *see* Zhao, J.-H. 39159
Green, M.L. *see* Lu, H.C. 2346
Green, M.L. *see* Ma, Y. 42461
Green, M.M. New results on topological requirements for modeling capacitors and inductors in nonlinear circuits 1100
Green, M.M. *see* Prodanov, V.I. 40922
Green, M.M. *see* Prodanov, V.I. 41362
Green, M.M. *see* Walker, P.D. 11189
Green, M.V. *see* Goldstein, S.R. 28212
Green, N.G., Hughes, M.P., Monaghan, W., Morgan, H. Large area multilayered electrode arrays for dielectrophoretic fractionation 44978
Green, N.W. The EMI story–the first and the greatest 58543
Green, P. *see* Liu, S.T. 22910
Green, P.T. *see* Sharaf, A.M. 51729
Green, P.W. *see* Thornton, T.J. 42137
Green, R. *see* Fincannon, J. 18717
Green, R.G., Rahmat, M.F., Dutton, K., Evans, K., Goude, A., Henry, M. Velocity and mass flow rate profiles of dry powders in a gravity drop conveyor using an electrodynamic tomography system 61242
Green, R.G., Rahmat, M.F., Evans, K., Goude, A., Henry, M., Stone, J.A.R. Concentration profiles of dry powders in a gravity conveyor using an electrodynamic tomography system 39332
Green, R.J. *see* Qi Pan 26785
Green, R.J. *see* Qi Pan 58288
Green, R.J. *see* Selvan, B. 58289
Green, R.K. Transformed automatic generation control 19433
Green, R.P.M., Camacho-Lopez, S., Damzen, M.J. Pump-probe measurements of induced-absorption birefringence in Cr^{4+}:YAG at 1.064 μm 14062
Green, R.P.M., Camacho-Lopez, S., Udaiyan, D., Kim, D.H., Damzen, M.J. Vector phase conjugation and its implementation in holographic laser resonators 14334

Green, R.P.M. *see* Camacho-Lopez, S. 24094
Green, R.P.M. *see* Udaiyan, D. 14373
Green, R.P.M. *see* Udaiyan, D. 33684
Green, S. FLASH fiber optic data bus lessons learned 59912
Green, S. CFB boiler enhance plant performance at Porici 60535
Green, S.G., Welsh, M.A., Dehler, G.E. Transferring technology into R&D: a comparison of acquired and in-house product development projects 52141
Green, T.C., Taha, M.H., Rahim, N.A., Williams, B.W. Three-phase step-down reversible AC-DC power converter 51140
Green, T.C., Taha, M.H., Rahim, N.A., Williams, B.W. Control of a three-phase step-down reversible AC/DC converter 51356
Green, T.C. *see* Fletcher, J.E. 51703
Green, T.C. *see* Rahim, N.A. 19845
Green, V. Results from US utilities using new instrument for continuous online partial discharge measurement 60682
Greenall, A. *see* Allport, P.P. 37375
Greenall, A. *see* Beringer, J. 37394
Greenaway, A.H. *see* Luke, D.G. 36610
Greenbaum, M. *see* Wang, P. 8639
Greenbaum, S.G. *see* Croce, F. 29561
Greenbeerg, D.D. *see* Liu, H.B. 8133
Greenberg, D. *see* Ahlgren, D.C. 43253
Greenberg, D.R. *see* Jeng, S.J. 22775
Greenberg, H. *see* Colletti, P. 18310
Greenberg, H.J. Possibilities of logically equivalent expressions 40049
Greenberg, M.J., Rao, S., Behanna, C., Phillips, R. Experiences developing CORBA-based services 57735
Greenberg, N.L., Stugaard, M., Vandervoort, P.M., Thomas, J.D. Automated assessment of color Doppler M-mode early diastolic flow propagation features 37689
Greenberg, N.L. *see* Illindala, U. 37686
Greenberg, R.I., Shih, J.-D. Minimizing channel density with movable terminals 31040
Greenberg, R.S., Taylor, G.A., Stapleton, J.C., Hillsley, C.A., Spinak, D. Analysis of regional cerebral blood flow in dogs, with an experimental microbubble-based US contrast agent 37760
Greenberg, Y.S., Krivoy, G.S., Koch, H. The current-voltage characteristics of the resistive direct current superconducting quantum interference device 32907
Greenblatt, J. *see* Dalcanale, E. 58884
Greenblatt, M. Tl-based high temperature superconducting cuprates: structure and properties 13493
Greenblatt, M., Shuk, P. Solid-state humidity sensors 27527
Greenblatt, M. *see* Inda, Y. 27535
Greenblatt, M. *see* Shuk, P. 27534
Greenblatt, M. *see* Shuk, P. 48478
Greene, A.E. *see* Bowers, R.L. 9367
Greene, E.R., Jr *see* Fisher, C. 19156
Greene, E.R., Jr. *see* Sener, P.P. 50473
Greene, J. *see* Harss, B. 49275
Greene, J.A., Jones, M.E., Tran, T.A., Murphy, K.A., Schindler, P.M., Bhatia, V., May, R.G., Sherrer, D., Claus, R.O. Grating-based optical fiber-based corrosion sensors 17402
Greene, J.A. *see* Jones, M.E. 18658
Greene, J.A. *see* Murphy, K.A. 17443
Greene, J.E. *see* Kim, H. 10750
Greene, J.E. *see* Kitabatake, M. 745
Greene, J.E. *see* Ramanath, G. 2450
Greene, K. *see* Greene, M. 18613
Greene, M. A solid state attitude heading reference system for general aviation 18611
Greene, M., Greene, K. An EFIS EICAS for general aviation 18613
Greene, M.A. Pentium(R) processor with MMX™ technology performance 41231
Greene, N. *see* Balabanian, V. 6322
Greene, P.D. *see* King, J.P. 16750
Greene, P.D. *see* Silver, M. 10717
Greene, R. *see* Zatsman, A. 58054
Greene, S., Dobson, I., Alvarado, F.L. Sensitivity of the loading margin to voltage collapse with respect to arbitrary parameters 50302
Greene, S.V. *see* Arai, Y. 37267
Greene, S.V. *see* Arai, Y. 37268
Greene, T.P. *see* Watarai, H. 17396
Greene, W. *see* Cao, M. 22814
Greene, W. *see* Zhongjian Chen 43073
Greenfield, D. Euro-ATM: get ready for the rollouts 46860
Greenfield, D. Global intranet services: patchy but promising 57810
Greengard, L. *see* June-Yub Lee 40277
Greenhall, C.A. *see* Santarelli, G. 27279
Greenhill, D., Forte, P., Jones, G.A. Analysing interferometric images using the Hough transform 5652
Greenhill, D. *see* Forte, P. 5002
Greenhough, P. Switched reluctance variable speed drive for hazardous areas–meeting the challenge 61388
Greenhut, S.E., Steinhaus, B.M., Fraser, J.A., Hughes, W.G. A pacing parameter for controlling ventricular rate during atrial fibrillation: potential correlation to hemodynamic function 37884
Greening, W.J.T., Chaplin, B.A., Sutherland, D.G., DesRoche, D.E. Commercial applications of GPS-assisted photogrammetry 8526
Greenlaw, D. *see* Bristow, J. 52207
Greenleaf, J. *see* Vilkomerson, D. 28122
Greenleaf, J.F. *see* Belohlavek, M. 18217
Greenleaf, J.F. *see* Dutt, V. 18271
Greenleaf, J.F. *see* Fatemi, M. 18362
Greenough, C. *see* Colyer, B. 44984
Greenough, N. *see* Ramakrishnan, S. 29436
Greenough, R.D., Reed, I.M., O'Connor, K.C., Wharton, A., Schulze, M.P. The characterisation of transducer materials 48490
Greenough, R.D. *see* Wharton, A.D. 48492
Greensite, F., Yao-Jin Qian, Huiskamp, G. Myocardial activation imaging: a new theorem and its implications 59668
Greensite, F. *see* Huiskamp, G. 59669
Greensite, F. *see* Huiskamp, G. 59687
Greenspan, E. *see* Celata, C.M. 60027
Greenspan, H. *see* Malik, J. 57316
Greenspan, M. Radar applications overview 8662
Greenspan, M. *see* Collier, D.C. 16922
Greenspan, M. *see* Tobin, M.E. 19020
Greenspan, R.L. Global navigation satellite systems 7010
Greenstein, L.J. *see* Ariyavisitakul, S. 26463
Greenstein, L.J. *see* Ariyavisitakul, S. 47531
Greenstreet, M.R. *see* Pang, P.B.K. 53227
Greenwald, R.A., Calvert, W., Benson, R.F., Carpenter, D.L., Fung, S.F., Gallagher, D.L., Green, J.L., Haines, D.M., Reiff, P.H., Reinisch, B.W., Smith, M.F., Taylor, W.W.L. Comment on "The feasibility of radio sounding of the magnetosphere" by W. Calvert et al 38062
Greenwald, Y., Poplawski, J., Ehrenfreund, E., Speiser, S. Transient photoconductivity and light activated p-n junction device based on bilayer substituted polythiophene derivatives 13804
Greenway, P., Deaves, R.H., Bull, D.R. Communications management in decentralised data fusion systems 24976
Greenway, R.B., Jr. *see* Brooks, S.L. 5533
Greenwell, R. *see* McFadden, J.D.O. 43956
Greenwell, R. *see* Pentrack, D. 44282
Greenwood, A.D., Ni, S., Jian-Ming Jin Computation of the radiation pattern of a microstrip patch antenna in a complex geometry 34241
Greenwood, A.D., Ni, S.S., Jin, J.M., Lee, S.W. Hybrid FEM/SBR method to compute the radiation pattern from a microstrip patch antenna in a complex geometry 45374
Greenwood, G. *see* de Doncker, E. 21162
Greenwood, G. *see* Hu, X.S. 11388
Greenwood, G.W. Training partially recurrent neural networks using evolutionary strategies 34699
Greenwood, J.C. A silicon bulk micromachined capacitive force feedback accelerometer 23094
Greenwood, N.M. *see* Eick, W. 28034
Greenwood, N.M. *see* Eick, W. 59238
Greer, A.L. *see* Shih, W.C. 42778
Greer, A.L. *see* Shih, W.C. 42781
Greer, A.L. *see* Shih, W.C. 54269
Greer, D.R., Fung, I., Shapiro, J.H. Maximum-likelihood multiresolution laser radar range imaging 27087
Greer, J.A. *see* Andres, D. 13403
Greer, K.L. *see* Jianying Li 7911
Greer, L.C., III *see* Tuma, M.L. 36926
Greethan, D. *see* Emmerson, B. 5999
Greffe, J.L. *see* Loncol, Th. 59846
Greger, E. *see* Kiesel, P. 12514
Greger, G.-U. *see* Funke, F. 29010
Gregersen, H. *see* Storkholm, J.H. 49671
Gregg, A. Manufacturing economics: optimizing the layout of a flat panel display manufacturing facility 17680
Gregg, A. *see* Cannella, V. 13733
Gregg, B.A. *see* Bechinger, C. 13696
Gregg, W.W., Patt, F.S., Woodward, R.H. Development of a simulated data set for the SeaWiFS mission 50173
Gregoire, J.-M. *see* Dimmer, C. 28382
Gregor, I.M. *see* Becks, K.H. 59228
Gregor, J. On the design of positive real functions 10243
Gregor, J., Huff, D.A. A focus-of-attention preprocessing scheme for EM-ML PET reconstruction 49549
Gregor, J. *see* Olesen, S.P. 7999
Gregor, J.A. *see* Meger, R.A. 4274
Gregor, J.A. *see* Myers, M.C. 48122
Gregor, P.D., Li, Y.M., Budinger, A.B., Byszewski, W.W. Arc tube transparency loss due to starting of HID lamps 39405
Gregor, P.D. *see* Byszewski, W.W. 20224
Gregoratti, L. *see* Kolmakov, A. 42267
Gregoretti, F. *see* Broggi, A. 46381
Gregori, E. *see* Chimienti, A. 15644
Gregorio, M.Di *see* Di Gregorio, M.
Gregory, A.P. *see* Tofts, P.S. 59494
Gregory, C. *see* Read, M. 48837
Gregory, D.A. *see* Erbach, P.S. 5202
Gregory, D.A. *see* Erbach, P.S. 15432
Gregory, D.A. *see* McClain, J.L., Jr. 3481
Gregory, D.A. *see* Taylor, T.S. 5458
Gregory, E., Gulko, E., Pyon, T., Goodrich, L.F. Properties of internal-tin Nb_3Sn strand for the International Thermonuclear Experimental Reactor 55138
Gregory, E. *see* Liu, H. 55095
Gregory, E. *see* Scanlan, R.M. 13516
Gregory, E. *see* Scanlan, R.M. 37053
Gregory, G. *see* Yu, W. 41765
Gregory, G.D. *see* Hall, W.M. 38900
Gregory, J.A. *see* Reich, R.K. 36661
Gregory, J.M., Rivera, J. Building little bridges to help students succeed 20619
Gregory, K. *see* Smith, I.R. 60187
Gregory, M.J., Probert, D.R., Cowell, D.R. Auditing technology management processes 20732
Gregory, O.J., Bruins Slot, A., Amons, P.S., Crisman, E.E. High temperature strain gages based on reactively sputtered AlN_x thin films 48460
Gregory, P.C., Loredo, T.J. Bayesian periodic signal detection: analysis of ROSAT observations of PSR 0540–693 34803
Gregory, R. *see* Lortz, D. 17546
Gregory, R.I., Forsyth, A.J. Quasi-square-wave converter for aerospace applications 51236
Greguss, P. PAL-optic based instruments for space research and robotics 35165
Greham, R. Web server activator 47018
Grehk, M. *see* Aristov, V.Yu. 2238
Greidanus, H., Hoogeboom, P., Koomen, P., Snoeij, P., Pouwels, H. First results and status of the PHARUS phased array airborne SAR 8312
Greier, G. SIOV-CN multilayer varistors: keeping ESD at bay 31536
Greife, U. *see* Campajola, L. 7751
Greig, A. *see* Wilson, D. 346
Greig, A. *see* Wilson, D. 46199
Grein, C.H., Flatte, M.E., Ehrenreich, H. Comparison of ideal $InAs\text{-}InAs_{1-x}Sb_x$ and $InAs\text{-}In_xGa_{1-x}Sb$ superlattice IR detectors 48525
Grein, W. *see* Albersmann, J. 8827
Greiner, A., Petrot, F., Wajsburt, F. A portable layout approach well adapted to education 13083
Greiner, A. *see* As, D.J. 12223
Greiner, A. *see* Baumann, I. 44059
Greiner, A. *see* Bazargan-Sabet, P. 9891
Greiner, A. *see* Lussem, G. 13871
Greiner, A. *see* Petrot, F. 52948
Greiner, A. *see* Schaefer, O. 33292
Greiner, D. *see* Wieman, H. 59275
Greiner, D.E. *see* Betts, W. 59222
Greiner, H. *see* Quadakkers, W.J. 38957
Greiner, L. *see* Betts, W. 59222
Greiner, M., Lipa, P., Carruthers, P. Wavelets: Some applications in physics 34767
Greiner, T. Orthogonal and biorthogonal texture-matched wavelet filterbanks for hierarchical texture analysis 5524
Greiner, U.J., Klingenberg, H.H. Picosecond intracavity optical parametric oscillator 24250
Greisen, F. Ebone and other parts of the European Internet 6238
Greitans, M. *see* Mikelsons, A. 4741
Greivell, N.E., Hannaford, B. The design of a ferrofluid magnetic pipette 37709
Greizer, F. *see* Cramer, G. 29388
Grejcz, B. Telecommunications in Brazil 46854
Grejner-Brzezinska, D.A. *see* Goad, C.C. 36070
Grekhov, I.V., Berman, L.S., Argunova, T.S., Kostina, L.S., Belyakova, E.I., Kudryavtseva, T.V., Kim, E.D., Kim, S.C., Pak, D.M. Recombination properties of directly bonded silicon structures with a regular relief at the interface 22324
Grekhov, I.V., Gradoboev, Yu.G., Korotkov, S.V., Mokrushin, Yu.M., Stepanyants, A.L. Generator on the basis of reversely switched dynistors forming pump pulses for a copper-vapor laser 14224
Grekhov, I.V., Korotkov, S.V., Andreev, A.G., Kozlov, A.K., Rol'nik, I.A., Yakovchuk, N.S. High-power RSD generator for pumping excimer lasers 13946
Grekhov, I.V., Kostina, L.S., Berman, L.S., Beliakova, E.I., Kudravtzeva, T.V., Kim, E.D., Kim, S.C., Park, J.M. Power SDB-devices with regularly grooved interfaces 2295
Grekhov, I.V., Kozlov, A.K., Korotkov, S.V., Mokrushin, Yu.M., Stepanyants, A.L., Yakovchuk, N.S. Submicrosecond RSD generator for pumping pulsed lasers 13945
Grekhov, I.V., Shulekin, A.F., Vexler, M.I. Optimization of the silicon-based tunnel MIS structures as hot electron injectors 42338
Grekhov, I.V. *see* Argunova, T.S. 12792
Grekhov, I.V. *see* Belov, S.V. 12889
Grekhov, I.V. *see* Kim, E.D. 41852
Grelet, F. *see* Lorgere, I. 3327
Grelick, A.E., Fuja, R., Arnold, N., White, M. RF and beam diagnostic instrumentation at the Advanced Photon Source (APS) linear accelerator (linac) 49210
Grelick, A.E. *see* White, M. 37030
Grella, L., Di Fabrizio, E., Gentili, M., Baciocchi, M., Maggiora, R. Proximity correction for e-beam patterned sub-500nm diffractive optical elements 44158
Grella, L. *see* Di Fabrizio, E. 31639
Grella, L. *see* Di Fabrizio, E. 42886
Grella, L. *see* Glezos, N. 32283
Grella, L. *see* Hiroshima, H. 32268
Grella, R. *see* Spagnolo, G.S. 48628
Gremenok, V.F., Viktorov, I.A., Kindyak, V.V., Yakushev, M.V. Structural investigations of laser-deposited $CuInTe_2$ films 22292
Gremmelmaier, U. *see* Hessenmuller, H. 58029
Gremmelmaier, U. *see* Spath, J. 47494

Grenander, U. *see* Miller, M.I. 27068
Grenfell, M.W., Klink, F.W., Owens, J.G. Performance fluids for critical cleaning and drying applications 52197
Grenier, D., Bosse, E. A new spatial smoothing scheme for direction-of-arrivals of correlated sources 4854
Grenier, D. *see* Bosse, E. 16883
Grenier, P., Whitaker, J.F. Subband gap carrier dynamics in low-temperature-grown GaAs 41981
Grenier, P. *see* Lucidarme, O. 37641
Grenier, P. *see* Wang, H.-H. 55432
Grenier, Y. *see* Affes, S. 15011
Grenier, Y. *see* Amand, F. 15014
Grennberg, A. *see* Adolfsson, S. 9751
Grenville, A., Uttaro, R., Sedlacek, J.H.C., Rothschild, M., Corliss, D. Calorimetric measurements of optical materials for 193 nm lithography 32270
Grenville, A. *see* Rorhschild, M. 22735
Grenzer, J., Schomburg, E., Hofbeck, K., Blomeier, T., Ignatov, A.A., Renk, K.F., Pavel'ev, D.G., Koschurinov, Yu., Melzer, B., Ivanov, S., Schaposchnikov, S., Kop'ev, P.S. An Esaki-Tsu superlattice: a new quantum device as a source for microwave and mm-wave applications 53606
Grenzer, J. *see* Schomburg, E. 53616
Grenzer, J. *see* Winnerl, S. 42106
Grenzer, S.J. *see* Ignatov, A.A. 42231
Greoseneken, G. *see* Degraeve, R. 43239
Grepperud, G. Something in the air – Norwegian experiences with telelecturing in flexible education 47881
Grepsad, J.K. *see* Fagerberg, R. 41388
Greshishchev, Y.M. *see* Sowlati, T. 41510
Gresser, J. *see* Buessler, J.L. 58832
Gressus, C.Le *see* Le Gressus, C.
Gretillat, M. *see* Anthamatten, O. 47912
Gretillat, M.-A. *see* Paoletti, F. 27547
Gretillat, M.A. *see* Marxer, C. 44066
Gretsch, R. *see* Robert, A. 8733
Greub, H. *see* Maier, C.A. 21552
Greubel, G. *see* Wicker, G. 6382
Greus, C. *see* Zengerie, R. 44484
Greuter, F. *see* Glatz-Reichenbach, J. 943
Greve, A., Harkola, J. Social networks and the development of two oil technologies in Norway 10014
Greve, A., LeFloch, B., Penalver, J. Coma correction of a wobbling subreflector 17016
Greve, D.R. *see* Jakobsen, C. 48964
Greve, D.W. *see* Knight, T.J. 30881
Greve, D.W. *see* Polyakov, A.Y. 2015
Greve, D.W. *see* Polyakov, A.Y. 30753
Greve, D.W. *see* Polyakov, A.Y. 52721
Greve, J. *see* Lunedei, E. 7543
Grevendonk, W. *see* Herremans, H. 42006
Grevera, G.J., Udupa, J.K. Shape-based interpolation of multidimensional grey-level images 18278
Grevey, D. *see* Dumord, E. 14490
Grevey, D.F. *see* Lemoine, F. 4167
Grewal, A. *see* DeWitt, J. 59243
Grewal, A. *see* Sadrozinski, H.F.W. 37399
Grewal, A.S. *see* Beringer, J. 37394
Grewal, G.W., Wilson, T.C. Shake And Bake: a method of mapping code to irregular DSPs 53320
Grewal, G.W., Wilson, T.C. An enhanced genetic solution for scheduling, module allocation, and binding in VLSI design 54755
Grewal, G.W., Wilson, T.C., Stacey, D.A. An enhanced genetic formulation for scheduling, module allocation, and binding in VLSI design 11077
Grewal, M. *see* Farrell, J. 6998
Grewal, V. *see* Naeem, M. 54481
Grewin, C. DAB: The Swedish perspective 7049
Grey, D. *see* King, C. 55109
Grey, F. *see* Birkelund, K. 32325
Grey, F. *see* Mullenborn, M. 2389
Grey, R. *see* Cockburn, J.W. 31958
Grey, R. *see* Edirisinghe, S.P. 10716
Grey, R. *see* Griffin, P.R. 3601
Grey, R. *see* Mazzer, M. 31995
Grey, R. *see* Plimmer, S.A. 2584
Grey, R. *see* Teissier, R. 2108
Grey, R. *see* Wilson, L.R. 42110
Greznev, Yu.S., Mamin, R.F., Motrya, S.F. Phase transitions in ferroelectric-semiconductors by the different regimes of the temperature change 54910
Grgic, D., Golob, R., Gubina, F. A new protection scheme against ferroresonant chaotic oscillations in the power system 19392
Grguric, I. *see* Koscielniak, S. 49094
Gri, M. *see* Cristoloveanu, S. 42302
Gri, M. *see* Ionescu, A.M. 22452
Grianik, M., Ilinov, M., Pasechnik, S. Reflector antenna for telecommunication network 56141
Grianik, M., Loman, U. Design of transformed reflector antennas 56142
Gribble, J.J. *see* Kjaer, P.C. 29687
Gribble, R.P. *see* Sheen, D.M. 50248
Gribble, S.D. *see* Fox, A. 6072
Gribenyukov, A.I. *see* Apollonov, V.V. 14315
Gribenyukov, A.I. *see* Shakir, Y.A. 44350
Gribkov, D.A., Gribkova, V.V., Kuznetsov, Y.I., Rzhanov, A.G. Global dynamical modeling of time series and application to restoration of broadband signal characteristics 25043
Gribkov, V.A. *see* Lee, S. 59348
Gribkova, V.V. *see* Gribkov, D.A. 25043
Gribnikov, Z.S., Korshak, A.N., Vagidov, N.Z. Terahertz ballistic current oscillations for carriers with negative effective mass 2574
Gribnikov, Z.S. *see* Vagidov, N.Z. 42143
Gribonval, R., Bacry, E., Mallat, S., Depalle, P., Rodet, X. Analysis of sound signals with high resolution matching pursuit 36354
Gribov, N.N., Theeuwen, S.J.C.H., Caro, J., Radelaar, S. A new fabrication process for metallic point contacts 42265
Grider, D. *see* Nguyen, N.X. 31494
Grider, D.T. *see* Hattangady, S.V. 42554
Gridin, S.V., Konstantinov, A.N., Mikheeva, I.B., Skorodumov, D.V., Tuboltsev, Yu.V., Chichagov, Yu.V. Measuring system for radiocarbon research 49343
Gridina, E.G., Lebedev, A.N., Nedosekin, D.D. Modified Kalman filter 34812
Gridnev, A.A., Nikolaev, Yu.V. Blocking of the gas channel in a thermionic emission converter under conditions of fuel mass transport 28569
Gridnev, S.A., Gorbatenko, V.V., Prasolov, B.N. Relaxation of metastable states in incommensurate phase of Rb_2ZnCl_4 43475
Gridnev, S.A., Korotkov, L.N., Shuvalov, L.A., Fedosynk, R.M. Effect of composition on switching processes and spontaneous polarization of KDP-ADP mixed crystals 2927
Griebel, M. *see* Grauschopf, T. 40218
Griebenow, R., Thibault, C., Fray, R. The EPRI Fossil Plant Simulator Library 9083
Griebl, E., Haserer, B., Frey, T., Reisinger, T., Gebhardt, W. $Zn_{1-x}Mg_xSe$ samples and a $ZnSe/Zn_{0.93}Mg_{0.07}Se$ quantum well under pressure: optical absorption and photoluminescence 22387
Griebner, U., Koch, R., Schonnagel, H., Jiang, S., Myers, M.J., Rhonehouse, D., Hamlin, S.J. Efficient tranversely diode-pumped Yb:phosphate glass laser at room temperature 23844
Griebner, U. *see* Koch, R. 23836
Griebner, U. *see* Petrov, V. 55572
Grief, M.K., Steele, J.A., Jr. Warpage and mechanical strength studies of ultra thin 150 mm wafers 31780
Grieg, W. *see* Prabhu, A.S. 30230
Grieger, E. *see* Li, L. 42476
Griem, H.T. *see* Hong, C.-S. 16401
Griemert, R. *see* Jamal, R. 20966
Griepentrog, E. *see* Bahi, J. 577
Gries, G. *see* Ghodsian, B. 27706
Gries, M.J. System engineering for the 777 autopilot system 59895
Griesbach, C.R. Fault-tolerant solar array control using digital signal processing for peak power tracking 20036
Grieser, M. *see* Madert, M. 49186
Grieser, M. *see* Miesner, H.-J. 37046
Grieshaber, W. *see* Schubert, E.F. 12636
Griesinger, U.A., Kronmuller, S., Geiger, M., Ottenwalder, D., Scholz, F., Schweizer, H. Fabrication and investigation of nanostructures and their application in new laser devices 23962
Griesinger, U.A. *see* Jian Wang 14143
Griesinger, U.A. *see* Jian Wang 44456
Griesmer, R. *see* Potts, D. 48354
Griessen, R. *see* Notten, P.H.L. 3468
Griest, W.H. *see* Barshick, S. 48703
Grietens, B. *see* Smanek, R. 12339
Griethuysen, V.Van *see* Van Griethuysen, V.
Griffel, D. *see* Juston, P. 8945
Griffel, D. *see* Leitloff, V. 50552
Griffel, G. *see* Grave, I. 23548
Griffel, G. *see* Ho, K.C. 33067
Griffin, A., Kittler, J., Windeatt, T., Matas, G. Techniques for the interpretation of thermal paint coated samples 5664
Griffin, A., Taylor, D.P. On differentially demodulated CPFSK 4427
Griffin, J. *see* Anderson, M. 26108
Griffin, J. *see* Calhoun, J. 9919
Griffin, J. *see* Galiana, F.D. 19275
Griffin, M.J. *see* Murray, A.G. 7557
Griffin, N., Paul, D.J., Pepper, M., Taylor, S., Smith, J.P., Eccleston, W., Fernandez, J.M., Joyce, B.A. Gating high mobility silicon-germanium heterostructures 42087
Griffin, N. *see* Paula, D.J. 2139
Griffin, P. *see* Zachariou, A. 38988
Griffin, P.B., Plummer, J.D. Physical modeling of transient enhanced diffusion in silicon 41892
Griffin, P.B. *see* Crowder, S.W. 42336
Griffin, P.B. *see* Rousseau, P.M. 1970
Griffin, P.B. *see* Rousseau, P.M. 22539
Griffin, P.B. *see* Smeys, P. 2351
Griffin, P.B. *see* Smeys, P. 42555
Griffin, P.B. *see* Voorde, P.V. 43071
Griffin, P.J. *see* Zhang, Y. 9299
Griffin, P.R., Barnes, J., Barnham, K.W.J., Haarpaintner, G., Mazzer, M., Zanotti-Fregonara, C., Grunbaum, E., Olson, C., Rohr, C., David, J.P.R., Roberts, J.S., Grey, R., Pate, M.A. Effect of strain relaxation on forward bias dark currents in GaAs/InGaAs multiquantum well *p-i-n* diodes 3601
Griffin, P.R. *see* Mazzer, M. 31995
Griffin, R.A., Lane, P.M., O'Reilly, J.J. Dispersion-tolerant subcarrier data modulation of optical millimetre-wave signals 16667
Griffioen, W.O.D. *see* Bengtsson, J. 5857
Griffis, D.P. *see* Stark, T.J. 22724
Griffis, D.P. *see* Thaus, D.M. 23049
Griffith, D.A. *see* Mayer, J.S. 29780
Griffith, D.W., Arce, G.R. Order statistic quadrature mirror filters 34870
Griffith, K. *see* Dudley, N.J. 28095
Griffith, M.S. *see* Radcliffe, S. 44095
Griffith, P.C., Potts, D.C., Morgan, S.L. Low-Earth-orbit satellite systems in ocean science 47846
Griffiths, A.J. *see* Williams, J.M. 50760
Griffiths, B.J. *see* Wang, Y.S. 15759
Griffiths, C.L. *see* Stafford, A. 40343
Griffiths, D. Evolution of computerized asset management and maintenance 9979
Griffiths, D.A. *see* Pohl, M.C. 2408
Griffiths, E.C. *see* Batchelor, B.G. 35164
Griffiths, H., Tucker, M.G., Sage, J., Herrenden-Harker, W.G. An electrical impedance tomography microscope 18442
Griffiths, H. *see* Brown, B.H. 18454
Griffiths, H. *see* Jones, P. 19922
Griffiths, H. *see* Taylor, M.J. 19319
Griffiths, H.D. A comparison between radar and sonar synthetic aperture interferometry 58476
Griffiths, H.D., Rafik, T.A., Meng, Z., Cowan, C.F.N., Shafeeu, H., Anthony, D.K. Interferometric synthetic aperture sonar for high resolution 3-D mapping of the seabed 58486
Griffiths, H.D. *see* Bullock, R.J. 58474
Griffiths, J.M. ATM: customer needs in the transition to B-ISDN 6266
Griffiths, J.M. ATM – customer needs in the transition to B-ISDN 47226
Griffiths, J.M., Winstanley, S.B. Markov chain animation: dimension and real-time application 35412
Griffiths, K. *see* Li, L. 42476
Griffiths, L. *see* Wagner, K. 27006
Griffiths, L.J. Linear constraints in hot clutter cancellation 16900
Griffitt, W. *see* Ertl, A. 18586
Grigas, M. *see* Colomb, F. 34350
Grigat, R.-R. *see* Ibenthal, A. 15591
Grigat, R.-R. *see* Schnorr, C. 34756
Grigat, R.-R. *see* Siggelkow, S. 57275
Grigg, M.W. *see* Pickering, M.R. 5528
Grigonis, A. *see* Knizikevicius, R. 32204
Grigonis, R. *see* Siruktkaitis, V. 44410
Grigoras, K. *see* Krotkus, A. 51599
Grigoras, K. *see* Pacebutas, V. 61095
Grigore, M., Gavat, I. Vowel recognition with nonlinear perceptron 45696
Grigore, V., Murgan, A.T., Radoi, C. A simulator for switching conversion circuits 9335
Grigorenko, M.V. *see* Gimel'farb, G.L. 18780
Grigorenko, N.L., Kiselev, Yu.N., Lagunova, N.V., Silin, D.B., Trin'ko, N.G. Solution methods for two-player differential games 30453
Grigorescu, C.E.A., Manea, S.A., Lazarescu, M.F., Logofatu, C., Necsoiu, T., Botila, T., Munteanu, I. Optimization of N-type InSb photoconductive detectors 48565
Grigorescu, S. *see* Albu, M. 19397
Grigorescu, S.-D., Iliescu, C., Pantelimon, B. Sigma-Delta modulation and PWM performs high-resolution DAC for DC applications 17238
Grigor'ev, Yu.G. Bioelectromagnetical compatibility (the problems of protecting people against electromagnetic irradiation) 59833
Grigor'evskii, V.I. *see* Boritko, S.V. 18959
Grigorian, E. *see* Riley, A.L. 58260
Grigorian, E. *see* Riley, L. 58257
Grigorian, V., Evdokimov, K., Izmailov, A., Khartov, S., Latyshev, L., Shturlin, A. Electric rocket thrusters for new spacecraft types with high specific power level 18742
Grigoriev, A.Y. *see* Kovalev, V.A. 18248
Grigoriev, B.V. *see* Lysenko, G.P. 29778
Grigoriev, D., Karpinski, M., Odlyzko, A.M. Short proofs for nondivisibility of sparse polynomials under the extended Riemann hypothesis 21124
Grigoriev, D.N. *see* Akhmetshin, R.R. 37253
Grigoriev, D.N. *see* Logashenko, I.B. 37034
Grigoriev, D.N. *see* Vasiliev, Ya.V. 30688
Grigoriev, D.N. *see* Yudin, Yu.V. 37485
Grigoriev, E. *see* Arrighi, C. 7816
Grigoriev, E. *see* Bauer, C. 37326
Grigoriev, E. *see* Bauer, C. 37378
Grigoriev, O.A. *see* Grigoriev, Yu.G. 37894
Grigoriev, O.A. *see* Grigoriev, Yu.G. 37914
Grigoriev, S.V., Okorokov, A.I., Runov, V.V. Peculiarities of the construction and application of a broadband adiabatic flipper of cold neutrons 37094
Grigoriev, V. *see* Badura, E. 37241
Grigoriev, Y.A., Petrosyan, A.I., Penzyakov, V.V., Pimenov, V.G., Rogovin, V.I., Shesterkin, V.I., Kudryashov, V.P., Semyonov, V.C. Experimental study of matrix carbon field-emission cathodes and computer aided design of electron guns for microwave power devices, exploring these cathodes 53942
Grigoriev, Yu.G. A role of modulation in a biological influence of an electromagnetic radiation 37892
Grigoriev, Yu.G., Grigoriev, O.A., Tischenko, V.A., Palzev, Y.P., Semin, A.A. Performance of conditions of exposure of staff of personal computers to outcomes of measurements, evaluation of danger and methods of protection 37914

Grigoriev, Yu.G., Lukianova, S.N., Grigoriev, O.A., Rinskov, V.V., Makarov, V.P., Polynzev, Yu.V. Evaluation of the danger of the electromagnetic field generated by the screen monitor (researches in conditions of short-term work of an operator on the personal computer) 37894
Grigorieva, E.V. *see* Chizhevsky, V.N. 13963
Grigorieva, L.K. *see* Pavlov, A.P. 29539
Grigorishin, I.L., Kotova, I.F., Mukhurov, N.I. Design and technological peculiarities of making vacuum integrated circuit of a thermocathode-based AC amplifier 53956
Grigorjev, M.P. *see* Dementyev, D.V. 37249
Grigoropoulos, C.P. *see* Xiang Zhang 20872
Grigoropoulos, S., Nassiopoulos, A.G., Travlos, A., Papadimitriou, D., Kennou, S., Ladas, S. Characterization of light emitting silicon nanopillars produced by lithography and etching 1979
Grigoropoulos, S. *see* Gogolides, E. 2487
Grigorov, L. *see* Pelova, V. 23673
Grigoryan, V.S. Autosoliton in a fiber with distributed saturable amplifiers 14325
Grigoryev, V.P., Koval, T.V. Electromagnetic oscillation generation in the virtual cathode triode from the viewpoint of parametric interaction of electrons with the variable field 55977
Grigsby, L.L. *see* Hanson, A.P. 50540
Grigsby, L.L. *see* Roberts, B.P. 9392
Grigulis, Yu.K., Avgutsevich, B.I., Poris, U.R., Silin'sh, Ya.E. Electromagnetic impedance method of monitored semiconducting layers and studying biological objects 20834
Griguolo, S. Classification on sets of remotely-sensed images: a vegetation monitoring model 60097
Grijp, M.H.B.de *see* de Grijp, M.H.B.
Grilikhes, V.A., Rumyantsev, V.D., Shvarts, M.Z. Indoor and outdoor testing of space concentrator AlGaAs/GaAs photovoltaic modules with Fresnel lenses 38015
Grill, A., Laibowitz, R., Beach, D., Neumayer, D., Duncombe, P.R. Effect of base electrode on the crystallization and electrical properties of PLT 54949
Grill, A. *see* Neumayer, D.A. 52798
Grill, J., Shaw, L. Polytechnic Executive Scholars Institute 20651
Grill, R. *see* Huber, E. 29488
Grill, R. *see* Zvara, M. 12589
Grill, W.M., Mortimer, J.T. Inversion of the current-distance relationship by transient depolarization 18494
Grillakis, M.G. *see* Alexander, J.C. 55231
Grilli, E. *see* Bignazzi, A. 30817
Grilli, E. *see* Brusaferri, L. 12378
Grilli, E. *see* Galbiati, N. 12275
Grilli, E. *see* Galbiati, N. 22518
Grilli, M.L., Aumann, T., Ristau, D., Dieckmann, M., von Alvensleben, F., Masetti, E. Thermal conductivity of E-beam and IBS coatings 3937
Grillmayr, J. *see* Aumayr, G. 19139
Grillo, A. *see* Unno, Y. 37395
Grillo, A.A. *see* DeWitt, J. 59243
Grillo, A.A. *see* Sadrozinski, H.F.W. 37399
Grillo, D. Personal communications and traffic engineering in ITU-T: the developing E.750-series of recommendations 16624
Grillo, D.C., Baude, P.F., Miller, T.J., Law, K.K., Haugen, G.M., Haase, M.A., Buijs, M., Haberem, W., Shahzad, K. Room temperature CW laser diode at 485 nm 3907
Grillo, M.L.N. *see* De Biasi, R.S. 3045
Grillon, F. *see* Chaix, J.-M. 48412
Grillon, G. *see* Amiranoff, F. 17898
Grillon, G. *see* Ripoche, J.-F. 24203
Grillot, P.N. *see* Sieg, R.M. 10731
Grima, P. *see* Besson, J.M. 22246
Grima, P. *see* Errandonea, D. 22284
Grima, P. *see* Roa, L. 22282
Grimaila, M.R., de Gyvez, J.P., Gunhee Han Robust functional testing for VLSI cellular neural network implementations 31446
Grimalde, D. *see* Daponte, P. 45713
Grimaldi, A. *see* Cannistra, G. 8964
Grimaldi, D., Maiorca, F., Molinaro, A., Mollica, F., Michaeli, L. Improvement of the neural ADC accuracy by successive weight optimisation 1534
Grimaldi, D. *see* Daponte, P. 8983
Grimaldi, G., Filatrella, G., Pace, S., Gambardella, U. Flux distribution and critical currents in a one-dimensional row of a Josephson junction square lattice 23422
Grimaldi, M.G. *see* Frangis, N. 31886
Grimalsky, V., Koshevaya, S., Resin, A. Nonlinear surface magnetic polaritons in non-uniform magnetic field 45090
Grimalt, P. *see* Guellal, S. 21191
Grimberg, I. *see* Shor, J.S. 32164
Grimberg, R. *see* Savin, A. 31006
Grimbergen, K.A. *see* Linnenbank, A.C. 59724
Grimble, M.J. *see* Ordys, A.W. 38629
Grimes, C.A. Surface permeameter for nondestructive measurement of the rf complex permeability spectra of thin surface coatings 7293
Grimes, C.A. *see* Horn, J.L. 36404
Grimes, G.J. *see* Mirov, S.B. 6740
Grimm, C. *see* Antos, J. 37373
Grimm, J. *see* Fitz, N.P. 6584
Grimm, L. *see* Muller, F. 27215
Grimm, M. *see* Riley, L. 58257
Grimm, M. *see* Yocom, P.N. 17704
Grimm, R., Kaftal, T. Gamma radiography utilising selenium-75 992
Grimm, R. *see* Miesner, H.-J. 37046
Grimm, R.A. *see* Chandra, S. 28262
Grimm, R.A. *see* Illindala, U. 37686
Grimm, R.C. *see* Lee, C.C. 7958
Grimm, T., Wallace, S., Fuiks, K., Ghosh, P., Tajnai, J., Juenger, R., Watts, V., Smith, R. Defining new product concepts and architectures 39699
Grimm, T.L. *see* Pudvay, D.J. 37074
Grimmeiss, H.G. *see* Jia, Y.B. 12508
Grimmeiss, H.G. *see* Jia, Y.B. 12554
Grimmeiss, H.G. *see* Jia, Y.B. 41916
Grimmeiss, H.G. *see* Olajos, J. 2165
Grimmer, D., Jeffrey, F., Martens, S., Thomas, M., Dalal, V., Noack, M., Shanks, H. Lightweight, flexible, monolithic thin-film amorphous silicon modules on continuous polymer substrates 29647
Grimnes, S. *see* Bojsen, J. 18173
Grimnes, S. *see* Martinsen, O.G. 59609
Grimont, L. *see* Castagne, M. 17327
Grimshaw, M.P. *see* Burke, T.M. 42581
Grimshaw, M.P. *see* Drndic, M. 42179
Grimshaw, M.P. *see* Field, M. 2734
Grimson, W.E.L. *see* Ettinger, G.J. 6941
Grinberg, V. A simple pulse-timing system for table-top maser experiments 31148
Grincwajg, A., Edwards, G., Ferry, D.K. Conductance fluctuations in quantum wire systems: a comparison between different scattering models 12458
Grincwajg, A., Ferry, D.K. Magnetotransport in corrugated quantum wires 54192
Grindley, J.E. *see* Gilbert, J.M. 39264
Grindrod, E. *see* Hammoudeh, A.M. 45132
Grinev, A.Yu. *see* Voronin, E.N. 7510
Grinev, B.V. *see* Mel'nik, V.I. 49335
Grinev, S.N., Nikitin, A.V. Digital parametric spectrum analyzer for periodic signals using a short sampling period 17232
Gringmuth, A. Electric vehicle components 39350
Grini, R.-E. *see* Kim, I.S. 38518
Grinstead, J.H., Finkelstein, N.D., Lempert, W.R. Doppler velocimetry in a supersonic jet by use of frequency-modulated filtered light scattering 59083
Grinsven, P.A.M.Van *see* Van Grinsven, P.A.M.
Grinyaev, S.N., Karavaev, G.F., Tyuterev, V.G. Intervalley deformation potentials in $(AlAs)_1(GaAs)_1(001)$ superlattice 22342
Grinyov, B. *see* Globus, M. 59266
Grippando, S.A. *see* Wiest, T. 16997
Grippe, J. *see* Ruth, R.D. 49165
Grippo, A., Pelosi, L., Mehta, V., Blumhardt, L.D. Working memory in temporal lobe epilepsy: an event-related potential study 18410
Grisch, F., Attal-Tretout, B., Bouchardy, P., Katta, V.R., Roquemore, W.M. A vortex-flame interaction study using four-wave mixing techniques 3975
Grisch, F. *see* Picard, Y.J. 48995
Grischkowsky, D. *see* Cheville, R.A. 7551
Grischkowsky, D. *see* Tae-In Jeon 31798
Grisel, A. *see* Rosenfeld, D. 48712
Grishechkina, S.P. *see* Birjulin, P.I. 54208
Grishin, E.A., Melkov, S.N., Milovidov, V.L., Romanov, O.G. Detectability of Ge:Hg photoresistors at a reduced background level 27588
Grishin, I.A., Gur'ev, V.A., Mart'yanov, V.L., Savikin, A.P. Conversion of infrared radiation into visible in ZBLAN glass with three-component doping by rare-earth elements 44664
Grishin, Y.P. A robust limited memory recursive filter 34842
Grishmanovskii, V.A. *see* Anpilogov, V.R. 49878
Grishmanovskii, V.A. *see* Boiko, B.R. 48191
Grishuk, Yu.G. *see* Akimov, V.A. 28024
Grisoni, L., Heubi, A., Balsiger, P., Pellandini, F. Implementation of a micro power 15-bit 'floating-point' A/D converter 11531
Griswold, B. *see* Min, B.Y. 52292
Griswold, M. *see* Bauguess, S. 42759
Griswold, M. *see* Chain, E.E. 43193
Grits, Y. *see* Gitelson, A.A. 8410
Gritsan, A.V. *see* Achasov, M.N. 37251
Gritsan, A.V. *see* Bukin, D.A. 37489
Gritsenko, K.P. Pd-based films produced by PECVD for optical recording 876
Gritti, G. *see* Pullia, A. 59317
Gritton, C. Call quality: a question of noise 26645
Gritzalis, D., Katsikas, S. Towards a formal system-to-system authentication protocol 16110
Griva, C., Profumo, F., Ilas, C., Magureanu, R., Vranka, P. A unitary approach to speed sensorless induction motor field oriented drives based on various model reference schemes 39269
Griva, G. *see* Donescu, V. 9620
Griva, G. *see* Ilas, C. 9639
Griva, G. *see* Profumo, F. 21492
Griva, G. *see* Profumo, F. 40783
Grivas, C. *see* Mailis, S. 24301
Grivickas, V., Noreika, D., Linnros, J., Tellefsen, J.A. Fourier transient grating in semiconductors with nonlinear carrier recombination 12205
Grivna, G. *see* Gonzales, S. 54507
Grizzle, J.W. *see* Thomas, S., III 54393
Grnarov, A. *see* Tentov, A. 57564
Grno, L. *see* Bergeest, R. 27511
Groat, J., Hancock, B., Johnson, M., Shackleton, J., Spaanenburg, H., Steeves, T., Bishop, R.G., Peterson, G.D., Read, B.C., III Graphics processing simulation and tradeoff study for cockpit applications 18624
Grob, J.J. *see* Nylandsted Larsen, A. 42371
Grob, R. *see* Lessard, M.C. 19803
Grob, R. *see* Lessard, M.C. 43540
Grobe, H. *see* Breitzke, M. 18811
Grobelny, J.M. *see* Hess, D. 54375
Grober, R.D., Schoelkopf, R.J., Prober, D.E. Optical antenna: towards a unity efficiency near-field optical probe 45391
Grober, V. *see* Rottschalk, M. 33099
Grochal, P., Barlik, R., Nowak, M. Control system for a three-phase PWM current source line converter with compensating properties 9405
Grochal, P. *see* Dakir, A. 9256
Grochal, P. *see* Dakir, A. 9258
Grochal, P. *see* Nawak, M. 51334
Grochal, P. *see* Nowak, M. 38890
Grochal, P. *see* Omedi, T.J. 9408
Grochenig, K. *see* Bolcskei, H. 45782
Grochenig, K. *see* Bolcskei, H. 45881
Grochowalski, J. Transducer for position determination of machine shafts 58710
Groden, M. *see* Corbett, F. 36262
Grodent, C. *see* Renard, M. 6801
Grody, N.C., Basist, A.N. Interpretation of SSM/I measurements over Greenland 50170
Grodzicka, E. *see* Story, T. 12313
Grodzinski, P. *see* Chui, H.C. 52786
Grodzinski, P. *see* Fan, L. 33175
Grodzinski, P. *see* Fan, L. 44142
Grodzinski, P. *see* Fan, L. 55477
Groemping, M. *see* Balachandran, W. 33837
Groen, F. *see* Cailin Wei 55297
Groen, F.C.A. *see* Van Dam, J.W.M. 15271
Groen, F.C.A. *see* van Dam, J.W.M. 24970
Groen, F.C.A. *see* Van Der Heiden, R. 58443
Groen, F.H. *see* Uitterdijk, T. 44080
Groen, F.H. *see* van Dam, C. 33060
Groen, F.H. *see* van Dam, C. 33096
Groen, F.H. *see* Van Dam, C. 47980
Groen, F.H. *see* Van der Tol, J.J.G.M. 23567
Groen, F.H. *see* Van Der Tol, J.J.G.M. 44026
Groen, F.H. *see* Vreeburg, C.G.M. 26871
Groenendaal, J.G.van de *see* van de Groenendaal, J.G.
Groenewald, M.L., Gouws, J. Controlling tyre pressure in moving vehicles 39345
Groenstege, H. *see* Brock, I.C. 37039
Groeseneken, G. *see* Al-Kofahi, I.S. 32091
Groeseneken, G. *see* De Blauwe, J. 41148
Groeseneken, G. *see* Montanari, D. 1373
Groeseneken, G. *see* Russ, C. 22832
Groeseneken, G. *see* Verhaege, K. 24339
Groessinger, R. *see* Algarabel, P.A. 3246
Groessinger, R. *see* Do, H.D. 3076
Groessinger, R. *see* Kou, X.C. 3129
Groessinger, R. *see* Sinnecker, J.P. 3073
Groetzschel, R. *see* Yakimov, A.I. 54109
Grofcsik, A. *see* Kubinyi, M. 44170
Groger, H. The digital newsroom: the "AvidNews" news editorial system 27138
Grohan, P., Marcos, S. Structures and performances of several adaptive Kalman equalizers 46548
Grohs, K.-D. *see* Bruck, J. 5755
Groiss, S., Bardi, I., Biro, O., Preis, K., Richter, K.R. Finite element analysis of multiport filters using perfectly matched layers 41420
Grolier-Mazza, V. *see* Brochard, P. 44674
Grolimund, S., Ganascia, J.-G. Speeding-up nearest neighbour memories: the template tree case memory organisation 46185
Groll, M. *see* Kulenovic, R. 36399
Groll, M. *see* Song Yaozu 36954
Groll, M. *see* Yao Zu Song 24287
Gromadin, A.L. *see* Ivanova, N.L. 3487
Gromek, J. *see* Slusarek, B. 13468
Gromilov, S. *see* Isaenko, L. 10612
Gromnitskaya, E.L. *see* Stalgorova, O.V. 36534
Gromov, B.F., Efimov, E.I., Leonchuk, M.P., Veremeev, A.A., Chekunov, V.V., Orlov, Yu.I., Pankratov, D.V., Stepanov, V.S., Gorshkov, V.T. Liquid-metal lead-bismuth target for high-energy protons as an intense source of neutrons in accelerator-controlled systems 37192
Gromov, D.V. *see* Georgievskii, A.M. 31513
Gromov, E.M., Talanov, V.I. High-frequency wave packets in inhomogeneous plasma with striction nonlinearity 45172
Gromov, G., Lola, I., Sagiudoulline, L., Shikhabutinov, V. Use of the Rovno-1 living probabilistic safety assessment for risk-based configuration control 38476
Gronbech-Jensen, N. *see* Cai, D. 22544
Gronbech-Jensen, N. *see* Cai, D. 23491
Gronberg, T. *see* Lundqvist, A. 35634
Grondin, R. *see* Kamwa, I. 8846
Grone, M.J.La *see* La Grone, M.J.
Grone, R., Hascik, J., Lipka, R., Pietryzk, I., Slugen, V., Vitazek, K. Angular correlation spectrometer for measurements of annihilations spectra of ^{60}Co containing materials 7852
Gronenschild, E., Roos, J., Mulkens, G. The accuracy and reproducibility of an algorithm to correct for geometric image distortion in quantitative coronary angiography 37650

Gronfors, T. Clustering of pedestal peak parameters for preliminary classification tasks of auditory brainstem responses 59617
Gronfors, T. *see* Tian, J. 37809
Gronfors, T. *see* Tian, J. 59616
Gronholdt, M.-L.M. *see* Wilhjelm, J.E. 37751
Groning, O. *see* Nutzenadel, C. 1906
Groning, P. *see* Jaszewski, R.W. 40689
Gronlund, J., Kero, P., Korvenranta, H., Korhonen, I., Jalonen, J., Aarimaa, T., Valimaki, I. Respiration and pulse pressure influence cerebral circulation in infants with peri-intraventricular haemorrhage–transcephalic electrical impedance and MAR-modelling approach 49714
Gronowski, P.E., Bowhill, W.J., Donchin, D.R., Blake-Campos, R.P., Carlson, D.A., Equi, E.R., Loughlin, B.J., Mehta, S., Mueller, R.O., Olesin, A., Noorlag, D.J.W., Preston, R.P. A 433-MHz 64-b quad-issue RISC microprocessor 1444
Gronquist, J.F., Hiskens, I.A. On the application of FACTS controllers derived from lossless models to lossy systems 50507
Gronsky, R. *see* Winton, M.J. 22546
Gronstrand, M. *see* Block, F.E., Jr 59537
Groodzinsky, A.S. *see* Bondar, V.D. 48783
Groom, D.E. *see* Holland, S.E. 48685
Groot, A.J.De *see* De Groot, A.J.
Groot, J.S.De *see* De Groot, J.S.
Groot, L.E.M.de *see* de Groot, L.E.M.
Groot, P.D.de *see* de Groot, P.D.
Groot, P.de *see* de Groot, P.
Groot, S.M.H.de *see* de Groot, S.M.H.
Groot Boerle, D.J., Leferink, F.B.J. Real free space antenna factors for validating completely absorber lined chambers? 45244
Groothoff, B.M. *see* Sigmund, G. 49456
Grootoonk, S., Spinks, T.J., Sashin, D., Spyrou, N.M., Jones, T. Correction for scatter in 3D brain PET using a dual energy window method 18328
Grootoonk, S. *see* Bailey, D.L. 28232
Groover, R.L. *see* Guenin, B.M. 10142
Groppelli, S. *see* Yang, B. 58897
Groppo, R., Panizza, U. Electrovalves driver unit with integrated state machine based control circuit 51816
Gros, P. *see* Pizlo, Z. 57142
Grosch, D. *see* Gattiker, A. 23001
Grose, B.L. *see* Shefter, A.P. 38085
Grosenick, D., Wabnitz, H., Rinneberg, H. Time-resolved imaging of solid phantoms for optical mammography 37661
Groshens, T.J., Gedridge, R.W., Jr., Lowe-Ma, C.K., Cole, T. Low temperature MOCVD growth of V/VI materials via a Me_3SiNMe_2 elimination reaction 40569
Groshens, T.J., Gedridge, R.W., Jr., Scheri, R., Cole, T. Low temperature MOCVD growth of V/VI materials via a Me_3SiNMe_2 elimination reaction 30949
Groshev, V.R. *see* Baru, S.E. 37227
Groshev, V.R. *see* Blinov, V.E. 59199
Groshon, R. *see* Lander, P. 49689
Grosjean, D.E., Okabayashi, H. 1-D model of current distribution and resistance changes for electromigration in layered lines 54515
Groslambert, J. Ultimate performances of oscillators in time domain 11229
Grosmaire, S. *see* Delorme, F. 33505
Grosmaire, S. *see* Nakajima, H. 26910
Gross, A., Latecki, L.J. Modelling digital straight lines 5372
Gross, B., Ruppel, W., Breide, S. Applications for broadband call services based on T-Online 57720
Gross, B. *see* Manassah, J.T. 44701
Gross, B. *see* Manassah, J.T. 55900
Gross, D. *see* Boesch, F. 35733
Gross, D.W. *see* Fruth, B.A. 9184
Gross, E. *see* Dimmler, B. 39056
Gross, G. *see* Alpers, W. 8432
Gross, G. *see* Overbye, T.J. 28782
Gross, G. *see* Tang, H. 49299
Gross, H. *see* Despont, M. 23031
Gross, H. *see* Elster, C. 58667
Gross, H.-M. *see* Hamker, F.H. 15549
Gross, H.N., Schott, J.R. Evaluating an image fusion algorithm with synthetic image generation tools 15775
Gross, H.S., Prins, F.E., Kern, D.P. New method for fabrication of an array of individually controllable miniaturized electrostatic lenses 44979
Gross, M. *see* Bazylenko, M.V. 12751
Gross, M. *see* Bazylenko, M.V. 23715
Gross, M.H., Koch, R. Visualization of multidimensional shape and texture features in laser range data using complex valued Gabor wavelets 5529
Gross, M.H. *see* Koch, R.M. 15494
Gross, P. *see* Dolling, R. 37109
Gross, P. *see* Pozimski, J. 37108
Gross, P. *see* Reidelbach, K. 59128
Gross, R. *see* Alff, L. 23416
Gross, R. *see* Gerber, R. 41807
Gross, R. *see* Marx, A. 23402
Gross, R. *see* Mawasha, P. 9735
Gross, R. *see* Ohkubo, M. 7850
Gross, T. *see* Willamowski, U. 7637
Gross, T. *see* Willamowski, U. 59066
Gross, U., Karutz, R. The cross-connect network of Heag Versorgungs-AG 19146
Gross, V. *see* Minh Toug 24352
Gross, V. *see* Voldman, S. 22978
Gross, V.P. *see* Voldman, S.H. 31278
Gross, W., Rumpenhorst, D. The SS7 network of Deutsche Telekom 16196
Gross-Thebing, A. *see* Stiebler, M. 51784
Grossberg, S. *see* Asfour, Y.R. 60100
Grosse, F., Zimmermann, R. Growth simulation and optical properties of semiconductor nanostructures 10721
Grosse, I. *see* Read, D. 1860
Grosse, I.R., Kulkarni, S.A. Finite element based design tools for plated through hole interconnects and MCM packages 30237
Grosse, P. *see* Berger, P.D. 14111
Grosse, P. *see* Thonissen, M. 44174
Grosse, S., Sandmann, J.H.H., von Plessen, G., Feldmann, J., Lipsanen, H., Sopanen, M., Tulkki, J., Ahopelto, J. Carrier relaxation dynamics in quantum dots: scattering mechanisms and state-filling effects 42212
Grosse-Holz, K.-O. *see* Prins, M.W.J. 3013
Grosser, C. *see* Bohme, R. 28909
Grossert, S., Koppen, M., Nickolay, B. A new approach to fuzzy morphology based on fuzzy integral and its application in image processing 5425
Grossetie, J.-C. *see* Morucci, S. 24283
Grossglauser, M. Optimal deterministic timeouts for reliable scalable multicast 57617
Grossi, G. *see* Albertri, M.A. 53496
Grossi, G. *see* Bertolucci, E. 37628
Grosskopf, G. *see* Braun, R.P. 26834
Grosskopf, R. *see* Hoeher, P. 47841
Grosskopf, S., Hildebrand, A., Malkewitz, R., Muller, W., Ziegler, R., Graschew, G. Computer aided surgery–vision and feasibility of an advanced operation theatre 25254
Grossman, C.H., Schulhofer-Wohl, S., Thoen, E.R. Blue light second harmonic generation in the organic crystal ortho-dicyanovinyl-anisole 24165
Grossman, E.N., Reintsema, C.D., Koch, J.A., Berkowitz, S.J., Hirahara, A., Char, K. Far-infrared radiometers based upon high-T_c and low-T_c superconducting transition-edge thermometers 32962
Grossman, E.N. *see* MacDonald, M.E. 31356
Grossman, E.N. *see* MacDonald, M.E. 34316
Grossman, J. *see* Parks, D. 19896
Grossman, J.W. *see* Lobitz, D.W. 20062
Grossman, P.C. *see* Kobayashi, K.W. 31526
Grossman, P.J. *see* Eckel, C.C. 10264
Grossman, R., Michel, J., Sachs, T., Schrufer, E. Measurement of mechanical, quantities using quartz sensors 36480
Grossman, R.I. *see* Samarasekera, S. 59452
Grossmann, C. *see* Al-Musallam, F. 40226
Grossmann, G., Nicoletti, G. Preparation of soft solder joints 10052
Grossmann, G., Weber, L., Heiduschke, K. Metallurgical considerations for accelerated testing of soft solder joints 20848
Grossmann, J. *see* Watrous, J. 19898
Grossmann, R. *see* Sachs, T. 7304
Grossmann, S. *see* Bergmann, R. 11837
Grossmann, T. *see* Silva, A. 7187
Grossmann, T. *see* Surkau, R. 37093
Grossner, C. *see* Clark, R. 16112
Grosso, F., Italiano, C., McKeown, M., Monterulo, L. New wire design requirements for wire bonding applications 53836
Grossoni, M., Palmisano, F. Storage systems in telecommunications applications 9136
Grosswig, S. *see* Hurtig, E. 60568
Grosu, A.P. *see* Bologa, M.K. 23108
Grosvenor, J.H. *see* Jones, C.A. 48852
Groszkiewicz, J.E. *see* Bodson, M. 37941
Grot, D. *see* Poignant, H. 43979
Grote, D. *see* Eylon, S. 49182
Grote, D. *see* Yu, S. 18027
Grote, D. *see* Yu, S.S. 59107
Grote, D.P., Friedman, A., Haber, I., Yu, S. Three-dimensional simulations of high current beams in induction accelerators with WARP3d 59129
Grote, D.P. *see* Barnard, J.J. 59104
Grote, D.P. *see* Friedman, A. 59103
Grote, D.P. *see* Haber, I. 18026
Grote, D.P. *see* Haber, I. 18035
Grote, D.P. *see* Haber, I. 59125
Grote, D.P. *see* Henestroza, E. 59152
Grote, D.P. *see* Sharp, V.M. 18047
Grote, D.P. *see* Sharp, W.M. 59130
Grothaus, M.G. *see* Roush, R.A. 50228
Grothe, M. *see* Bamberger, A. 7787
Grothe, M. *see* Bamberger, A. 37358
Grothe, P.A. *see* Barnett, J.M. 42462
Grother, P.J., Candela, G.T., Blue, J.L. Fast implementations of nearest neighbor classifiers 56473
Grotker, T. *see* Vaupel, M. 35552
Grotsch, S. *see* Bogner, G. 44529
Grotstollen, H., Bunte, A. Control of induction motor with orientation on rotor flux or on stator flux in a very wide field weakening region–experimental results 9255
Grotstollen, H. *see* Bunte, A. 60741
Grotstollen, H. *see* Fiedler, A. 31081
Grotstollen, H. *see* Frohleke, N. 38829
Grotstollen, H. *see* Jian Sun 29453
Grotstollen, H. *see* Jian Sun 60930
Grotstollen, H. *see* Krafka, P. 60740
Grotstollen, H. *see* Maas, J. 29723
Grotstollen, H. *see* Maas, J. 51714
Grotstollen, H. *see* Ruff, M. 29697
Grotstollen, H. *see* Sun, J. 38836
Grotta-Ragazzo, C. *see* Pakdaman, K. 37830
Grottum, P. *see* Yang, L. 18201
Grotty, P.M., Kelly, C., Barriskill, D., Morin, P. Wave division multiplexing technology and applications 58333
Grotzbach, M., Ried, C. Investigation of AC/DC converter harmonics by an analytical based time-discrete approach 51201
Grotzky, M., Turner, D.J. Internet training: the trainees' thoughts 20564
Groudeva-Zotova, S. *see* Kourtev, J. 22174
Grouffaud, J., Larzabul, P., Clergeot, H. Some properties of ordered eigenvalues of a Wishart matrix: application in detection test and model order selection 25098
Groult, H., Nakajima, T., Kumagai, N., Devilliers, D. Characterization and electrochemical properties of $C_x(VOF_3)F$ as positive material for primary lithium batteries 29526
Grout, I.A. *see* Olbrich, T. 41348
Grove, A. *see* Basri, R. 5081
Grove, J.E. *see* Kroeger, R.A. 59363
Grove, J.R., Coker, R.J., Sanders, A. Cost effective integrated modular avionics 8244
Grove, N.R. *see* Kohl, P.A. 1886
Grover, A. *see* White, H. 53727
Grover, V., Lebeau, J. US telecommunications: industries in transition 25999
Grover, W.D., Rawat, V., MacGregor, M.H. Fast heuristic principle for spare capacity placement in mesh-restorable SONET/SDH transport networks 35421
Grover, W.D. *see* Duggal, A. 16124
Grover, W.D. *see* Iraschko, R.R. 5891
Grover, W.D. *see* Zheng, Y. 46558
Groves, G.W., Blair, W.D. Simulation of narrow-band monopulse measurements of closely-spaced targets 48090
Groves, G.W. *see* Conte, J.E. 38178
Groves, J.T. *see* Aksay, I.A. 2997
Groves, R., Stein, K., Harame, D., Jadus, D. Temperature dependence of Q in spiral inductors fabricated in a silicon-germanium/BiCMOS technology 23015
Groves, R. *see* Ahlgren, D.C. 43253
Groves, S.H. *see* Donnelly, J.P. 3831
Groves, S.H. *see* Donnelly, J.P. 14195
Groves, S.H. *see* Walpole, J.N. 3824
Groves, T.R. Theory of beam-induced substrate heating 22702
Groves-Kirkby, C.J. *see* Fells, J.A.J. 50258
Grow, J.M. *see* Ren, F. 22589
Grow, J.M. *see* Ren, F. 54457
Grow, R.W. *see* Bunch, K.J. 31505
Groz, R., Charles, O., Renevot, J. Relating conformance test coverage to formal specifications 25957
Grozeva, M. *see* Mentel, J. 23758
Grubb, M. How to get there from here: scaling the enterprise-wide mail infrastructure 16183
Grubb, S. *see* Swanson, E.A. 18246
Grubb, S.G. *see* Feller, G.S. 33417
Grubb, S.G. *see* Hansen, P.B. 6755
Grubb, S.G. *see* Hansen, P.B. 26730
Grubb, S.G. *see* Hansen, P.B. 26879
Gruber, A. *see* Hadrian, W. 39330
Gruber, H. *see* Dahms, U. 55325
Gruber, H. *see* Demoli, N. 4987
Gruber, H. *see* Wernicke, G. 33744
Gruber, L. *see* Orvek, K.J. 2526
Gruber, M., Ken-Yuh Hsu Moment-based image normalization with high noise-tolerance 46073
Gruber, M. *see* Hessenmuller, H. 58029
Gruber, P. *see* Breekweg, M.R.B. 61108
Gruber, W. *see* Reininger, F. 27709
Grubin, H.L., Ferry, D.K., Akis, R. Dissipation and quantum transport simulations in nanoscale devices 31988
Grubor, D.P., Sulic, D.M. What can be deduced from sporadic-E data 38050
Grubsky, V., MacCormack, S., Feinberg, J. Dynamic mapping of 180° domains hidden in photorefractive crystals 13546
Grucza, R. GSM network construction 47803
Grudin, M.A., Harvey, D.M., Timchenko, L.I. Multistage hierarchy for fast image analysis 46388
Grudin, M.A., Timchenko, L.I., Harvey, D.M., Gel, V.P. System-theoretical approach to multistage image processing 46036
Grudinin, A.B., Goncharenko, I.A., Gray, S., Payne, D.N. Reduction of soliton instability in transmission systems by means of chirped bandwidth-limited amplification 16751
Grudinin, A.B., Gray, S. Passive harmonic mode locking in soliton fiber lasers 33398
Grudinin, A.B. *see* Gray, S. 33405
Grudinin, N., Roytelman, I. Heading off emergencies in large electric grids 50450
Grudler, P. *see* Guillemot, P. 27373
Grudowski, P.A., Holmes, A.L., Eiting, C.J., Dupuis, R.D. The luminescence characteristics of GaN heteroepitaxial films 3585
Grudowski, P.A., Holmes, A.L., Eiting, C.J., Dupuis, R.D. The effect of substrate misorientation on the photoluminescence properties of GaN grown on sapphire by metalorganic chemical vapor deposition 12228

Grudowski, P.A., Holmes, A.L., Eiting, C.J., Dupuis, R.D. The effect of substrate misorientation on the optical, structural, and electrical properties of GaN grown on sapphire by MOCVD 52723
Grudowski, P.A. *see* Carrano, J.C. 48555
Grudowski, P.A. *see* Chelakara, R.V. 40483
Grudowski, P.A. *see* Dupuis, R.D. 21280
Grueff, G. *see* Ambrosini, R. 36301
Grueff, G. *see* D'Amico, N. 36303
Gruen, D.M. *see* Auciello, O. 846
Gruen, D.M. *see* Csencsits, R. 12195
Gruenbaum, E. *see* Mazzer, M. 31995
Gruenberger, W., Hinz, D., Schlaefer, D., Schultz, L. Microstructure, texture, and magnetic properties of backward extruded NdFeB ring magnets 3112
Gruening, H.E., Zuckerberger, A. Hard drive of high power GTOs: better switching capability obtained through improved gate-units 31096
Gruensteudel, H. *see* Chumakov, A.I. 37547
Gruensteudel, H.F. *see* Chumakov, A.I. 37547
Grueter, R. *see* Kanai, K. 5716
Gruetzner, G., Fehlberg, S., Voigt, A., Loechol, B., Rothe, M. New negative-tone photoresists avoid swelling and distortion 42844
Gruetzner, G. *see* Loechel, B. 23052
Gruher, J. High velocity manufacturing [PCBs] 1788
Gruhl, D., Lu, A., Bender, W. Echo hiding 25160
Gruhl, D. *see* Bender, W. 14790
Grula, G. *see* Cheng-Liang Huang 13147
Grula, G.J. *see* Cheng-Liang Huang 43046
Grumer, L.C., Molinet, F. Effective technical communications 30030
Grun, C., Lewis, H., Salkind, A.J. Design parameters and advances in silver zinc secondary batteries 61050
Grun, C. *see* Salkind, A.J. 61053
Grun, J., Manka, C.K., Hoffman, C.A., Meyer, J.R., Glembocki, O.J., Kaplan, R., Qadri, S.B., Skelton, E.F., Donnelly, D., Covington, B. Athermal annealing of silicon 42360
Grun, J. *see* Elton, R.C. 33199
Grun, M. *see* Woggon, U. 32037
Grun, T. *see* Braun, M. 11421
Grunbacher, H. *see* Khosravipour, M. 11311
Grunbaum, E. *see* Griffin, P.R. 3601
Grunbaum, R. *see* Hausler, M. 8798
Grunblutt, G. *see* Bruzek, C.E. 55102
Grundbacher, R., Adesida, I., Kao, Y.-C., Ketterson, A.A. Single step lithography for double-recessed gate pseudomorphic high electron mobility transistors 43129
Grundbacher, R. *see* Hannan, M. 22898
Grundbacher, R. *see* Hannan, M. 31985
Grundemann, T. *see* Dadgar, A. 42373
Grundig, B. *see* Wendzinski, F. 36721
Grundke, W. *see* Kuck, H. 13164
Grundmann, M., Bimberg, D. Formation of quantum dots in twofold cleaved edge overgrowth 40443
Grundmann, M. *see* Darhuber, A.A. 40304
Grundmann, M. *see* Heinrichsdorff, F. 40651
Grundmann, M. *see* Kappelt, M. 40652
Grundmann, M. *see* Kappelt, M. 52612
Grundmann, M. *see* Ledentsov, N.N. 2177
Grundmann, M. *see* Nakashima, H. 12480
Grundmann, M. *see* Ruvimov, S. 22418
Grundmann, M. *see* Takeuchi, M. 40450
Grundmann, M. *see* Turck, V. 54194
Grundmann, M. *see* Yang, X. 54157
Grundmann, S., Krause, M., Muller, V., Iyengar, B.S.R. Application of fuzzy control for PWM voltage source inverter fed permanent magnet synchronous motor 50949
Grundy, D.L., Bozic, M., Hatfield, J.V. Development of an analogue microprocessor 53470
Grundy, D.L. *see* Bozic, M. 32524
Grundy, P.J. *see* Atkinson, R. 13438
Grundy, P.J. *see* Jones, G.A. 32826
Grune, L. An adaptive grid scheme for the discrete Hamilton-Jacobi-Bellman equation 30645
Grunenfelder, R. *see* Gallego, C.J. 5738
Gruner, C.M., Johnson, D.H. Detection of change in periodic, nonstationary data 25100
Gruner, J. *see* Harrison, M.G. 55421
Gruner, S.M. *see* Aksay, I.A. 2997
Gruner, S.M. *see* Tate, M.W. 37572
Gruner-Nielsen, L. *see* Boskovic, A. 33007
Grunert, J. Field Programmable Gate Array (FPGA) implementation of a microcontroller 11472
Grunes, M.R. *see* Lee, J.S. 6891
Grunewald, P., Koziel, R., Weidner, J., Becker, K. Partial discharge (PD)–on-line diagnostics and fault localization on high-voltage electrical equipment at the power plant 60466
Gruntman, M. Transmission grating filtering of 52-140-nm radiation 55381
Grunze, M. *see* Dahint, R. 36727
Grupen, M., Hess, K. Severe gain suppression due to dynamic carrier heating in quantum well lasers 33501
Grupen, M. *see* Crook, A.C. 44058
Grupp, J. *see* Teijido, J.M. 3637
Grushetskaya, M.I., Kopysitskii, T.I. Moving-examination and cross-validation methods: their effectiveness in structure identification 52444
Gruson, Y. *see* Di Monaco, O. 21885
Gruss, L.P., Newhouse, J.H. Eight echo T2 measurements of adrenal masses: limitations of differential diagnosis by relaxation time determination 7889
Grut, K.E., Holbrook, R.L., Hook, E., Antaya, T.A. Development of bending characteristics for the TPX TF magnet coil cable-in-conduit conductor 32945
Grut, K.E. *see* Lvovsky, Yu.M. 32939
Gruter, R. *see* Mattavelli, M. 46004
Grutzmacher, D.A. *see* Gennser, U. 2162
Gruverman, A., Auciello, O., Tokumoto, H. Nanoscale investigation of fatigue effects in $Pb(Zr,Ti)O_3$ films 2960
Gruyter, R.H.S.de *see* de Gruyter, R.H.S.
Gruyters, M. *see* Mitrelias, T. 18958
Gruzinov, A., Cowley, S., Sudan, R. Small-scale-field dynamo 19756
Gruzinskis, V. *see* Reggiani, L. 32350
Gruzinskis, V. *see* Reggiani, L. 41952
Gruzs, T.M. *see* Dorr, D.S. 38438
Gruzza, B. *see* Bouslama, M. 22311
Gruzza, B. *see* Yassfy, A. 12720
Gryba, T. *see* Zhang, V. 54913
Grybos, P. *see* Dabrowski, W. 37388
Grycewicz, T.J. A single lens joint transform correlator for high-resolution position location 19001
Grygiel, G., Knopf, U., Lange, R., Petersen, B., Peterson, T., Sellmann, D., Weisend, J., II. Status of the TTF cryogenic system 49016
Grygiel, G. *see* Clay, P. 49023
Grygier, R.K. *see* Bernal, M.-P. 14427
Gryglewicz-Kacerka, W. *see* Anuszczyk, J. 51012
Grygolec, M. *see* Jaworski, Z. 1637
Grytsiv, M.Ya. *see* Bondar, V.D. 48783
Grzech, A. *see* Borzemski, L. 47140
Grzegorski, J. *see* Dziadecki, A. 29701
Grzegory, I. *see* Leszczynski, M. 40299
Grzegory, I. *see* Liliental-Weber, Z. 10621
Grzegory, I. *see* Liliental-Weber, Z. 10804
Grzegory, I. *see* Perlin, P. 22236
Grzegory, I. *see* Suski, T. 21220
Grzegory, I. *see* Teisseyre, H. 22237
Grzegory, I. *see* Teisseyre, H. 40442
Grzegory, I. *see* Wetzel, C. 12287
Grzelak, S.A., Miles, H., Jr., Szurkowski, E.S., Weber, W.P., Jr. Residential data services via hybrid fiber-coax local access networks 16433
Grzenkowicz, A., Malinowski, A., Szczerba, Z. The method and the set of computer programs for the simulation of electric power system operation regarding adaptive controllers of the grid transformers 19221
Grzesiak, L. *see* Koczara, W. 50463
Grzesiak, L.M., Dabrowski, P., Koczara, W. Robust neural estimator of induction machine linkage flux 60731
Grzesiak, L.M., Skoczylas, J. AC machine torque and stator flux estimation using a neural network based on the steady-state 2D field model 9246
Grzesiak-Janas, G. Potential eye hazard from laser radiation 37890
Grzesik, B., Kaczmarczyk, Z., Junak, J. A Class E inverter model with a PWL model of the MOSFET 9393
Grzesik, B. *see* Gierlotka, K. 9757
Grzeszczak, A., Mandal, M.K., Panchanathan, S. VLSI implementation of discrete wavelet transform 1471
Grzybowski, S., Fan, J. Electrical breakdown strength of 5 kV XLPE cable with imperfections under combined AC-DC voltage 19344
Grzybowski, S., Fan, J. Electrical breakdown strength of 5 kV imperfect XLPE cable after combined AC-DC excitation 38360
Grzybowski, S. *see* Chrzan, K. 50644
Grzyll, L.R., Back, D.D., Ramos, C., Samad, N.A. Development of nontoxic heat transport fluids for habitat two-phase thermal control systems 28492
Grzyll, R. *see* Gui, F. 29893
Grzymala, R. *see* Vincensini, F. 26811
Grzymkowski, A. *see* Swanson, G.D. 39340
Gschwind, D.R. *see* Kyung Sub Joo 25373
Gschwind, M., Mautner, C. Migration from schematic-based designs to a VHDL synthesis environment 11148
Gschwind, M., Salapura, V. A VHDL design methodology for FPGAs 11310
Gsteiger, K.E. *see* Arif uz Zaman, M. 844
Gstoettner, W., Hamazavi, J., Baumgartner, W. Cochlear implants–neuroprostheses in rehabilitation of deafness 8153
Gu, B.Y., Shi, J.R. Electronic conductance of a T-shaped waveguide in local magnetic field 32470
Gu, C. *see* Dai, F.F. 23450
Gu, C.L., Chalmers, B.J. New approach to longitudinal magnetic field in drum type machine 50906
Gu, C.L. *see* Yu, H.T. 44959
Gu, G., Burrows, P.E., Venkatesh, S., Forrest, S.R., Thompson, M.E. Vacuum-deposited, nonpolymeric flexible organic light-emitting devices 36811
Gu, G., Garbuzov, D.Z., Burrows, P.E., Venkatesh, S., Forrest, S.R., Thompson, M.E. High-external-quantum-efficiency organic light-emitting devices 55435
Gu, G. *see* Bai, L. 15786
Gu, G. *see* Burrows, P.E. 7514
Gu, G. *see* Chen, Q. 15785
Gu, J. *see* Dawson, J. 37868
Gu, J. *see* Han, J.-P. 52749
Gu, J. *see* Qiu, L. 50343
Gu, J.H., de Silva, C.W. Interpretation of mechanical impedance profiles for intelligent control of robotic meat processing 48931
Gu, J.H. *see* de Silva, C.W. 7600
Gu, M. *see* Dutt, A. 576
Gu, M. *see* Finocchiaro, P. 37097
Gu, S. *see* Zhou, F. 23870
Gu, S.L. *see* Liu, J.L. 12418
Gu, S.Q. *see* Li, X. 10808
Gu, S.W. *see* Choi, J.Y. 51214
Gu, T. *see* Je-Hsiung Lan 54412
Gu, X. *see* Song, Y.H. 91
Gu, Y. *see* Hong Lin 23796
Gu, Y. *see* Miley, G.H. 22138
Gu, Y.A. *see* Alam, M.S. 5273
Gu, Y.M., Pang, T., Chen, C., Wang, E.G., Ting, C.S., Bylander, D.M., Kleinman, L. First-principles study of the quaternary semiconductor superlattices $(GaX)_l/(YAs)_l$ (X=N, P; Y=Al, In) 22388
Gu, Z., Rizy, D.T. Neural networks for combined control of capacitor banks and voltage regulators in distribution systems 8886
Gu, Z., Schill, R.A., Jr. The two-dimensional electrostatic field configuration for parallel plate dust particle guide including end effects 24380
Gu, Z.N. *see* Chen, K.M. 12340
Gu Ben-Yuan *see* Ben-Yuan Gu
Gu Benguang, Lin Xiaoqi Investigations of low back bombardment high gradient standing wave linear accelerators 28000
Gu Binglin *see* Guo Yong 42144
Gu Binglin *see* Han Weiqiang 40536
Gu Bo *see* Bo Gu
Gu Chang-Zhi, Jin Zeng-Sun, Lu Xiang-Yi, Zou Guang-Tian, Lu Jian-Xia, Yao Da, Zhang Ji-Fa, Fang Rong-Chuan Thermal conductivity of diamond-based silicon-on-insulator structures 893
Gu Chang-Zhi, Jin Zeng-Sun, Wang Chun-Lei, Lu Xian-Yi, Zou Guang-Tian, Zhang Ji-Fa, Fang Rong-Chun Factors influencing thermal conductivity in diamond film 31768
Gu Changzhi, Sun Liangyan, Zhang Tong, Li Tiejun The design and characteristics of a porphyrin LB film ChemFET gas sensor 36741
Gu Chuang *see* Chuang Gu
Gu Guangqun *see* Guangqun Gu
Gu Guanqun *see* Wang Yun 16102
Gu Haoshuang, Bao Dinghua, Wang Shimin, Gao Dongfa, Kuang Anxiang, Li Xingjiao Synthesis and optical properties of highly c-axis oriented $Bi_4Ti_3O_{12}$ thin films by sol-gel processing 3318
Gu Haoshuang *see* Haoshuang Gu
Gu Hong *see* Wu Wen 14688
Gu Huizhi *see* Zhou Li 52851
Gu Jian-Hua *see* Jian-Hua Gu
Gu Jie *see* Jie Gu
Gu Jiechun *see* Zhu Yaming 38798
Gu Jinqi, Zheng Yongxing DDI method for measuring optical constants of thin films 36946
Gu Jun *see* Jun Gu
Gu Lianquan *see* Lan Wenguang 36371
Gu Limin, Ye Ming Digital modem based on new algorithm of bit synchronization 35851
Gu Liping *see* Liping Gu
Gu Lixing *see* Tang Yuezhong 51420
Gu Ning *see* Ning Gu
Gu Pei-Fu *see* Pei-Fu Gu
Gu Peifu *see* Chen Jie 3484
Gu Peifu *see* Peifu Gu
Gu Qian-Ping *see* Qian-Ping Gu
Gu Quan *see* Quan Gu
Gu Renyi Review and prospect of development for large fossil-fueled power plant automation 29074
Gu Shulin, Zheng Youdou, Zhang Rong, Wang Ronghua Growth kinetics study of SiGe alloys deposited by rapid thermal process, very low pressure chemical vapor deposition 30905
Gu Shulin *see* Shulin Gu
Gu Sulin *see* Sulin Gu
Gu Tai *see* Tang Wei 53251
Gu Tai *see* Wang Jian-Ming 53154
Gu Wen *see* Lin Feng 28770
Gu Wenguo *see* Wenguo Gu
Gu Xiliang *see* Xiliang Gu
Gu Xuefan *see* Li Youfen 22269
Gu Yizhi *see* Zhou Huaichun 50771
Gu Yong, Hu Xiehe, Chu Jian A neural network modelling based on modified PRPE algorithm and its application to an industrial electric heater 61327
Gu Yongchang *see* Tang Changqing 60346
Gu Young-Mo *see* Young-Mo Gu
Gu Yu-Qiu *see* Huang Wen-Zhong 44354
Gu Yuan *see* Yuan Gu
Gu Yuxing *see* Yuxing Gu
Gu-Yeon Wei, Horowitz, M. A low power switching power supply for self-clocked systems 11246
Guadalupe, J.B. *see* Saiz, V.M.M. 38443
Guaitini, G. *see* Conti, M. 11632
Gualandi, M.P. *see* Bisiach, L. 60426
Gualdesi, L., de Strobel, F., di Massa, D.E. An automated instrument for testing and monitoring oceanographic mooring cables and ropes 50104
Gualdron, O., Arsenault, H.H. Discrimination ability of the optimum circular harmonic filter for disjoint noise scenes 3548
Gualdron, O. *see* Arsenault, H.H. 25653
Gualtieri, A. *see* Bersani, M. 40671

Gualtieri, M.I. *see* Costabile, F. 10445
Guan, L., Anderson, J.A., Sutton, J.P. Biologically motivated neural computing in early vision processing 25586
Guan, L., Perry, S.W., Wong, E.P.K. Adaptive scaled mean square error filtering by neural networks 25565
Guan, L. *see* Kong, H. 5184
Guan, L. *see* Kong, H. 25424
Guan, Z.F., Deng, F., Liu, Q.Z., Lau, S.S., Hewett, C.A. Ni-diamond interactions 22436
Guan, Z.P., Ullrich, B., Zheng, Q.-B., Kobayashi, T. ZnSe-$Zn_{0.78}Cd_{0.22}Se$ multi-superlattice structure for effective optical pumping and multicolor emission 12417
Guan, Z.P., Ullrich, B., Zheng, Q.B., Kobayashi, T. Excitonic emission enhancement by directional carrier injection in a ZnSe/$Zn_{0.78}Cd_{0.22}Se$ multi-superlattice 42123
Guan Binghong *see* Binghong Guan
Guan Bingzhong *see* Bingzhong Guan
Guan Chi *see* Kang Hui 4131
Guan Dexin, Si Deyi Dynamic simulation on Ω navigation and its application 28527
Guan Hong *see* Hong Guan
Guan Huaiqun *see* Huaiqun Guan
Guan Huiwei *see* Huiwei Guan
Guan Jenn-Ming *see* Jenn-Ming Guan
Guan Lin, Cheng Shijie, Chen Deshu Design and implementation of a neural network based power system stabilizer 50372
Guan Lin *see* Lin Guan
Guan Ling *see* Ling Guan
Guan Qin-Bing *see* Qin-Bing Guan
Guan Shenheng *see* Shenheng Guan
Guan Tut San *see* Tut San Guan
Guan Xialing, Fan Mingwu, Jiang Weisheng Proposal for a radioactive nuclear beam facility at CIAE 49287
Guan Xialing *see* Yang Bingfan 49044
Guan Xiurong *see* Xiurong Guan
Guan-Chyun Hsieh, Hung, J.C. Phase-locked loop techniques. A survey 11235
Guan-Chyun Hsieh *see* Mao-Fu Lai 20107
Guan-Chyun Hsieh *see* Mao-Fu Lai 39285
Guan-Ping Feng *see* Rui-Gao Jia 13347
Guan-Shu Tseng *see* Jiann-Shu Lee 25562
Guang Deng A new interpolative subband coding algorithm for lossless image compression 56731
Guang Fu Zheng, Sproul, A.B., Wenham, S.R., Green, M.A. High-efficiency CVD multi-layer thin-film silicon solar cells 39206
Guang Fu Zheng, Wei Zhang, Zhengrong Shi, Thorp, D., Green, M.A. High-efficiency drift-field thin-film silicon solar cells by liquid-phase epitaxy and substrate thinning 39035
Guang Fu Zheng, Wenham, S.R., Green, M.A. 17.6% efficient multilayer thin-film silicon solar cells deposited on heavily doped silicon substrates 20026
Guang Gong A new class of nonlinear PN sequences over GF(q^n) 56327
Guang Xiangshi An analysis of unconventional lightning arrester 50637
Guang Xu, Fujii, K.-I., Nakayama, S., Honma, A., Uchiyama, Y., Tokita, Y., Hanazawa, Y. Experimental studies on longitudinal mode characteristics of a hollow cathode He-Cd^+ white light laser 33379
Guang-Da Hu *see* Guang-Di Hu 10477
Guang-Da Hu *see* Guang-Di Hu 10508
Guang-Da Hu *see* Guang-Di Hu 40215
Guang-Di Hu, Guang-Da Hu Stability of discrete-delay systems: boundary criteria 10477
Guang-Di Hu, Guang-Da Hu Some simple criteria for stability of neutral delay-differential systems 10508
Guang-Di Hu, Guang-Da Hu, Ming-Zhu Liu Estimation of numerically stable step-size for neutral delay-differential equations via spectral radius 40215
Guang-Duo Zhang *see* Zhang Guang-Duo
Guang-Hui Hsu, De-Ju Xu Transient solutions for multidimensional denumerable state Markov processes 52419
Guang-Hui Wu *see* Wu Guang-Hui
Guang-Jong Chou, Tzuang, C.-K.C. Oscillator-type active-integrated antenna: the leaky-mode approach 14731
Guang-Liang Li, Fang-Ming Li An analysis of impacts of long-term traffic correlations on congestion control in ATM-based local computer networks 57568
Guang-Pu Wei, Wen-Biao Wu, Kita, T., Nakayama, H., Nishino, T., Ma, W., Okamoto, H., Okuyama, M., Hamakawa, Y. Hydrogenated amorphous silicon/crystalline silicon double heterojunction X-ray sensor 7843
Guang-Qian He *see* He Guang-Qian
Guang-Ren Duan, Zhong-Xian Wang Simple connectivity of the D-stability domain and D-stability of polynomial families 30420
Guang-Rui Yu *see* Yu Guang-Rui
Guang-Tian Zou *see* Zou Guang-Tian
Guang-Tsai Lei, Techentin, R.W., Gilbert, B.K. Power distribution noise suppression using transmission line termination techniques 45282
Guang-Yin Zhang *see* Zhang Guang-Yin
Guang-Ying Zhang *see* Zhang Guang-Ying
Guang-Yu Zhang *see* Shi-Ji Fan 10625
Guang-Zhong Yang, Kilner, P.J., Wood, N.B., Underwood, S.R., Firmin, D.N. Computation of flow pressure fields from magnetic resonance velocity mapping 7965
Guangbin Yang *see* Kai Yang 55452
Guangcheng Xiong *see* Jinfeng Kang 32957
Guangda Hu *see* Hu Guangda
Guangen Wang *see* Wang Guangen
Guangguo Bi *see* Fengfang Yang 47719
Guanghan Xu *see* Hansen, L.K. 16613
Guanghan Xu *see* Hansen, L.K. 34765
Guanghan Xu *see* Hui Liu 5813
Guanghan Xu *see* Hui Liu 26472
Guanghan Xu *see* Hui Liu 35968
Guanghan Xu *see* Torlak, M. 6553
Guanghan Xu *see* Torlak, M. 6663
Guanghan Xu *see* Torlak, M. 25829
Guanghan Xu *see* Torlak, M. 25893
Guanghua Yi, Batalla, E. Preparation of EuO films by sol-gel technique 817
Guanghui Liu *see* Jiye Han 40126
Guanghui Xu *see* Jinwei Tong 33750
Guanghui Yu *see* Yu Guanghui
Guangjie Fu *see* Shenghua Huang 51435
Guangjie Wang *see* Wang Guangjie
Guangjun Cao *see* Jun Yu 43584
Guangjun Cao *see* Cao Guangjun
Guangjun Zhang *see* Zhang Guangjun
Guangming Lin, Xin Yao Analysing crossover operators by search step size 56311
Guangming Wang *see* Mindge Jin 33280
Guangpei Chen *see* Chen Guangpei
Guangping Xie *see* Xie Guangping
Guangqi Yue *see* Yue Guangqi
Guangquan Li *see* Wansheng Tang 21099
Guangquan Li *see* Wansheng Tang 52391
Guangqui Li *see* Li Guangqui
Guangqui Tong *see* Tong Guangqui
Guangquian Li *see* Li Guangquian
Guangqun Gu *see* Junzhou Luo 57648
Guangrui Hu *see* Hu Guangrui
Guangshu Hu *see* Hu Guangshu
Guangtsai Lei *see* Xiaojun Zhu 56081
Guangwei Wang *see* Wang Guangwei
Guangwen Pan *see* Xiaojun Zhu 56081
Guangxi Dai *see* Dai Guangxi
Guangxin He *see* He Guangxin
Guangxing Li *see* Kannan, R. 438
Guangxing Wang *see* Wang Guangxing
Guangyi Liu *see* Liu Guangyi
Guangyi Zhou *see* Zhou Guangyi
Guangyin Zhang, Qian Sun, Jingjun Xu, Simin Liu, Guoquan Zhang Fanning-noise-free double doped photorefractive $LiNbO_3$ crystals used for the 3-dimension storage 23453
Guangyin Zhang *see* Guoquan Zhang 56840
Guangyin Zhang *see* Qiyin Fang 13557
Guangyin Zhang *see* Zhang Guangyin
Guangyong Zhang *see* Zhang Guangyong
Guangyong Zhu, Ioinovici, A. DC-to-DC converter with no magnetic elements and enhanced regulation 53024
Guangyou Xu *see* Lifeng Liu 25346
Guangyou Xu *see* Xu Guangyou
Guangyu Chen *see* Jiang Liu 24051
Guangyu Ding *see* Ding Guangyu
Guangyu Dong *see* Dong Guangyu
Guangyu Liu *see* Liu Guangyu
Guangyu Tu *see* Tu Guangyu
Guangyy He *see* He Guangyy
Guangzhao, Z. *see* Yingen, X. 35264
Guangzhao Zhang *see* Zhang Guangzhao
Guangzheng Ni *see* Ni Guangzheng
Guanhui Jiang *see* Jiang Guanhui
Guanjie Wang *see* Wang Guanjie
Guanjiu Fu *see* Fu Guanjiu
Guanju Chen *see* Chen Guanju
Guanjun Zhai *see* Yingzhi Sun 55220
Guanping Feng *see* Feng Guanping
Guanqiang Zhang *see* Bing-Zhong Wang 11658
Guanqiang Zhang *see* Bing-Zhong Wang 14622
Guanqun Gu *see* Gu Guanqun
Guanqun Xia *see* Xia Guanqun
Guanrong Chen *see* Jianxiong Xu 1099
Guanrong Chen *see* Moiola, J.L. 1110
Guanrong Chen *see* Siouris, G.M. 38160
Guanshen Zhang *see* Javidi, B. 43894
Guansheng Zhang *see* Zhang Guansheng
Guanwei Lin *see* Lin Guanwei
Guanxiong Chen *see* Chen Guanxiong
Guanyuan Zhang *see* Zhang Guanyuan
Guaragnella, C. *see* Cafforio, C. 46349
Guaraldo, C. *see* Benussi, L. 37231
Guardado, J.L., Cornicki, K.J., Venegas, V., Naredo, J.L., Melgoza, E. A three-phase model for surge distribution studies in electrical machines 38696
Guardia, R.De La *see* De La Guardia, R.
Guardiani, C. *see* Felt, E. 11104
Guardiani, C. *see* Pandini, D. 11249
Guardiani, C. *see* Strojwas, A.J. 13139
Guardini, R. *see* Pavesi, L. 44208
Guarini, A. *see* Robert, A. 8733
Guarino, C.R. Enhancement of SIR-C imagery with the addition of height data 36252
Guarino, C.R. SAR interferometry: a novel method for enhancing elevation maps by combining interferometry with shape-from-shading 58415
Guarino, D. *see* Mao, C.C. 33184
Guarino, R. *see* Ibsen, P. 8665
Guarino Lo Bianco, C., Piazzi, A. A hybrid genetic/interval algorithm for semi-infinite optimization 40091
Guarnieri, A.Monti *see* Monti Guarnieri, A.
Guarnieri, P. *see* Abrardo, A. 15613
Guarnieri, S., Piazza, F., Uncini, A. Multilayer neural networks with adaptive spline-based activation functions 53494
Guarro, S. *see* Milici, A. 38473
Guasch, C., Torres, C.M.S., Ledentsov, N.N., Bimberg, D., Ustinov, V.N., Kop'ev, P.S., Kop'ev, P.S. Resonant photoluminescence from modulation-doped InAs-GaAs quantum dots 44217
Guastavino, F. *see* Bozzo, R. 2977
Guastavino, F. *see* Bozzo, R. 13286
Guastavino, F. *see* Bozzo, R. 32688
Guastavino, F. *see* Bozzo, R. 32695
Guastavino, F. *see* Bozzo, R. 43528
Guastavino, F. *see* Bozzo, R. 43536
Guastavino, J., Krause, E., Danikas, M., Bertin, C., Mayoux, C. Electrical properties of 12 μm biaxially oriented poly(ethylene naphthalate 2,6 dicarboxylate) films related to ageing 43553
Guastavino, J. *see* Danikas, M. 13287
Guastavino, V. *see* Verheyen, G. 28330
Guaug-Pu Wei *see* Kita, T. 31766
Guay, D. *see* Borges, C.F.M. 856
Guay, D. *see* Lalande, G. 20009
Guay, D. *see* Tilquin, J.Y. 20003
Guazzoni, P. *see* Aiello, S. 1483
Guazzoni, P. *see* Aiello, S. 49328
Gubanov, E.F. *see* Voskovtsova, L.M. 13532
Gubanov, V.A., Wright, A.F., Nelson, J.S., Fong, C.Y., Klein, B.M. Electronic structure of a nitrogen vacancy in cubic gallium nitride 12264
Gubanov, V.P., Korovin, S.D., Pegel, I.V., Rostov, V.V., Stepchenko, A.S., Totmeninov, E.M. Compact source of high power microwaves 54002
Gubanov, Yu.I. *see* Berkovski, A.G. 12123
Gubanski, S. *see* Gafvert, U. 32611
Gubanski, S.M. *see* Fernando, M.A.R.M. 38403
Gubar, N.B. *see* Afanas'ev, A.A. 33615
Gubar, N.B. *see* Apanasevich, P.A. 14392
Gubareny, N., Katkov, A. Parallel chaotic iterative algorithms for image reconstruction with limited projection data 15734
Gubenko, A.M. *see* Venus, G.B. 55596
Gubian, P. *see* Fornaciari, W. 21422
Gubian, P. *see* Pandini, D. 11249
Gubin, C.P. *see* Soldatov, E.S. 2732
Gubin, K.V. *see* Aleksandrov, A.V. 49205
Gubin, M.A. Optical-microwave frequency standard based on the reference comb of the strong CH_4 lines (λ=3.3 μm) 48326
Gubin, M.A., Kireev, A.N., Koval'chuk, E.V., Tyurikov, D.A., Shelkovnikov, A.S. Prospects for increasing the precision of optical frequency standards based on transitions in the methane molecule 7129
Gubin, M.A. *see* Mugino, A. 8523
Gubin, M.A. *see* Tyurikov, D.A. 27819
Gubin, S.P. *see* Iakovenko, S.A. 31641
Gubina, A. *see* Gubina, F. 8768
Gubina, F., Gubina, A. Decentralized secondary voltage control based on neural network and its effect on generator interaction 8768
Gubina, F. *see* Golob, R. 19147
Gubina, F. *see* Golob, R. 60279
Gubina, F. *see* Grgic, D. 19392
Gubisch, A., Lualdi, P., Mijanic, P., West, J. Power calibrator using sampled feedback for current and voltage 27308
Gubler, G., Klementev, A., Romanovskaja, E. Data acquisition system for low level signal 27422
Gubner, J.A. *see* Hayat, M.M. 15939
Gubner, J.A. *see* Sequeira, R.E. 34787
Gubner, J.A. *see* Wei-Bin Chang 30456
Gubo Li, Xiaoyuan Hou, Shuai Yuan, Huajie Chen, Fulong Zhang, Honglei Fan, Xun Wang Passivation of light-emitting porous silicon by rapid thermal treatment in NH_3 2352
Gubser, D.U. Superconducting homopolar motor and conductor development 51031
Gubser, D.U. High-temperature superconductors: thin films and applications 55128
Guckel, C., Schnabel, K., Deimling, M., Steinbrich, W. Solitary pulmonary nodules: MR evaluation of enhancement patterns with contrast-enhanced dynamic snapshot gradient-echo imaging 37642
Guckel, H. LIGA and LIGA-like processing with high energy photons 54537
Guckel, H., Earles, T., Klein, J. Deep X-ray lithography and electroplating for electromagnetic actuators 23089
Guckel, H. *see* Arch, D. 44173
Guckel, H. *see* Christenson, T.R. 60812
Guclu, C., Kashmar, G., Hacinliyan, A., Nalcioglu, O. An FEM approach for the characterization of the RF field homogeneity at high field 28267
Gudbjartsson, H., Maier, S.E., Mulkern, R.V., Morocz, I.A., Patz, S., Jolesz, F.A. Line scan diffusion imaging 7964
Guddemi, C. *see* Parpal, J.-L. 8906
Gude, L. Graphical user interface for the universal avionics tester 38189
Gudelev, V.G., Svirina, L.P., Zhurik, Yu.P. Antiphase polarization dynamics influenced by noise in a single-mode gas laser with anisotropic cavity 13924

Gudelev, V.G., Zhurik, Yu.P. Influence of noise on manifestations of the polarisation dynamics of an anisotropic gas laser 44332
Guden, M., Piprek, J. Material parameters of quaternary III-V semiconductors for multilayer mirrors at 1.55 μm wavelength 3932
Guderian, A. *see* Forster, A. 15223
Gudermann, F. *see* Puder, A. 6158
Gudim, Y.Ya. *see* Popenko, N.A. 48836
Gudino-Martinez, A., Falcony, C., Vazquez-Lopez, C., Navarro, H., Vidal, M.A., Araujo-Osorio, J., Cabanas-Moreno, J.G. Microstructure of spark-processed blue luminescent CdTe, GaSb, and InSb 2000
Gudivada, V.N., Jung, G.S. An architecture for and query processing in distributed content-based image retrieval 46296
Gudmundson, B., Skold, J., Anderson, P.-O. Evolution of the GSM air interface into wideband services 35951
Gudoshnikov, S.A., Ukhansky, N.N., Vengrus, I.I., Matveets, L.V., Andreev, K.E., Snigirev, O.V., Krasnosvobodtsev, S.I. Directly coupled electronics for HTSC DC SQUID based magnetometer 27464
Gudowska, I., Brahme, A. Neutron radiation from high-energy X-ray medical accelerators 18573
Gudym, I.Ya. *see* Vertiy, A.A. 11648
Guedj, C. *see* Finkman, E. 799
Guedon, J.P., Normand, N. The Mojette transform: applications in image analysis and coding 57352
Gueesang Lee Logic synthesis for cellular architecture FPGAs using BDDs 40803
Gueesoo Cha *see* Dong-Hun Kim 9646
Guegan, G. *see* Benistant, F. 22839
Guegan, G. *see* Raynaud, C. 22963
Gueho, S. *see* Dubost, G. 4383
Guekos, G. *see* Martelli, F. 24166
Guekos, G. *see* Martelli, F. 44746
Guellal, S., Grimalt, P., Cherruault, Y. Numerical study of Lorenz's equation by the Adomian method 21191
Guellati, S. *see* Juncar, P. 17182
Guelou, Y., Benamar, A., Scalart, P. Analysis of two structures for combined acoustic echo cancellation and noise reduction 16611
Guemes, A., Menendez, J.M. Fatigue strength of glass reinforced polyester (GRP) laminates with embedded optical fibers 10971
Guen, D.Le *see* Le Guen, D.
Guendouz, M. *see* Guyader, P. 13810
Guenette, D.R., Gustavson, R. CD-ROM and Web browsers: (HTML) as the Lingua Franca 6107
Guenin, B.M., Chowdhury, A.R., Groover, R.L., Derian, E.J. Analysis of thermally enhanced SOIC packages 10142
Guenin, B.M., Lall, B.S., Molnar, R.J., Marrs, R.C. A study of the thermal performance of BGA packages 20911
Guenter, P. *see* Dietrich, T. 40416
Guenther, B.D. *see* Khoo, I.C. 4023
Guenther, D. *see* Wood, M.V. 23599
Guenther, F.H. *see* Johnson, D. 56403
Guentner, S., Birbal, J.V. How VXI is impacting MIL-STD-1553 testing 59893
Gueorguiev, V. *see* Lazarova, V. 36769
Gueorguiev, V.K. *see* Andreev, S.K. 22509
Gueorguiev, V.K. *see* Popova, L.I. 48704
Gueorguiev, Y.M., Mladenov, G.M., Ivanov, D.I. Monte Carlo simulation of inclined incidence of fast electrons to solids 54545
Guerard, J., Boutillon, X. Bowing virtual strings 17129
Guerci, J. *see* Pillai, S.U. 16842
Guerci, J.R., Pillai, S.U., Kim, Y.L. Efficient space-time adaptive processing for airborne MTI-mode radar 27061
Guerci, J.R. *see* Jones, B.C. 56650
Guerdoux-Jamet, P., Lavenier, D., Wagner, C., Quinton, P. Design and implementation of a parallel architecture for biological sequence comparison 11333
Guerfali, W. *see* Plamondon, R. 15547
Guerin, C. *see* Sandini, G. 26072
Guerin, D. *see* Chen, F. 12881
Guerin, J. *see* Arnoul, P. 46521
Guerin, P., Machmoum, M., Le Doeuff, R. Harmonic evaluation in light dimmer system by a probabilistic approach 61316
Gueriot, D., Maillard, E., Kernin, J.-P. Sonar image registration through symbolic matching: a fuzzy local transform approach using genetic algorithms 49980
Guerlou-Demourgues, L., Fournes, L., Delmas, C. In situ ^{57}Fe Mossbauer spectroscopy study of the electrochemical behavior of an iron-substituted nickel hydroxide electrode 19965
Guermonprez, H. *see* Azancot, I. 37654
Guerra, A.Del *see* Del Guerra, A.
Guerra, J.M. *see* Bennett, J.M. 55161
Guerra, J.M. *see* Weigand, R. 33389
Guerra, L.M. *see* Mehra, R. 21455
Guerra, L.M. *see* Mehra, R. 40978
Guerra, R. *see* Savas, S. 2388
Guerra, T.M., Loslever, P., Malvache, N., Willaeys, D. Probabilistic sets and fuzzy reasoning for data analysis problems 432
Guerraa, J.M. *see* Calderon, O.G. 23760
Guerrazzi, L. *see* Bevacqua, R. 1057
Guerreiro, P.T., Ten, S., Slobodchikov, E., Kim, Y.M., Woo, J.C., Peyghambarian, N. Self-starting mode-locked Cr:forsterite laser with semiconductor saturable Bragg reflector 44420
Guerreiro, P.T. *see* Kippelen, B. 3406
Guerreiro, P.T. *see* Ten, S. 12380
Guerreiro, P.T. *see* Ten, S. 22372
Guerrero, A. *see* Gonzalez, J. 31516
Guerrero, F., Noras, J.M. Customised hardware based on the REDOC III algorithm for high performance data ciphering 14815
Guerrero, J. *see* Bataller, M. 11303
Guerrero, J. *see* Rosado, A. 1229
Guerrero, J.F. *see* Calpe, J. 6372
Guerrero, J.F. *see* Calpe, J. 6384
Guerrero, J.F. *see* Rosado, A. 21432
Guerrero Martinez, J. *see* Magdalena Benedito, J.R. 4585
Guerrero-Lemus, R., Moreno, J.D., Martinez-Duart, J.M., Corral, J.L. Electrochemical cell for the preparation of porous silicon 819
Guerrero-Lemus, R. *see* Martinez-Duart, J.M. 1967
Guerri, S. *see* Dori, L. 58900
Guerrieri, R. *see* Leone, A. 57424
Guerrieri, R. *see* Manaresi, N. 1635
Guerriero, A. *see* Di Lecce, V. 15224
Guerriero, L. *see* Chiaradia, M.T. 8365
Guerriero, L. *see* Chiaradia, M.T. 48077
Guerrini, G. *see* Perego, C. 58892
Guerry, A. *see* Hagolle, O. 18840
Guertin, F. *see* Cloutier, J. 21580
Guesbaoui, H. *see* Touhami, O. 60709
Guess, J.F., Oakley, C.G., Douglas, S.J., Morgan, R.D. Cross-talk paths in array transducers 18370
Guess, T.M., Alciatore, D.G. Model development and control implementation for a magnetic levitation apparatus 9684
Guessous, A. *see* Sarradin, J. 29544
Guest, S. *see* Cesarsky, C.J. 36548
Guetari, S., Devars, J., Benosman, R., Maniere, T. Peripheral vision by a real time 3D system for analysing dynamic scenes 56897
Guetre, E.R., Stubbs, M.G., Wight, J.S. Design of a Ka-band upconverter using a heterojunction bipolar transistor 11730
Guetta, D. *see* Kaplan, B.Z. 1185
Guettaf, A., Florent, O., Rejouan, E., Derieux, A. A low-cost digital tester based on boundary-scan techniques 11383
Guettler, T. *see* Devaux, F. 23584
Gueudre, C., Moysan, J., Corneloup, G. Computer simulation of a radioscopic data volume for weld segmentation 46040
Guevara, L.L.de *see* de Guevara, L.L.
Guevara, M.A. *see* Corsi-Cabrera, M. 59636
Guey, J.-C., Bell, M.R., Coffey, J.T. An information-theoretic approach to the design of a distributed cascade of sensors 56549
Guey Fuh Andy Ying *see* Andy Ying Guey Fuh
Gugel, E. *see* Woetting, G. 39291
Guggenmos, X. *see* Brodbeck, T. 4187
Guglielmelli, E., Dario, P., Laschi, C., Fontanelli, R., Susani, M., Verbeeck, P., Gabus, J.-C. Humans and technologies at home: from friendly appliances to robotic interfaces 28452
Guglielmi, E. *see* D'Errico, G.E. 51890
Guglielmi, L. *see* Becks, K.H. 59228
Guglielmi, M., Noret, E. A differential model for fractional Brownian motion 56525
Guglielmi, M. *see* Eleftheriades, G.V. 11739
Guglielmi, M. *see* Gimeno, B. 45326
Guglielmi, M. *see* Kinowski, D. 55989
Guglielmi, N. *see* Benedetti, A. 1113
Guh Yuh-Yuan *see* Yuh-Yuan Guh
Guha, D., Saha, P.K. Some characteristics of ridge-through waveguide 45330
Guha, D. *see* Saha, P.K. 1679
Guha, S. A nonlinear optical beam propagation method for describing optical limiter performance 24221
Guha, S. Amorphous silicon alloy solar cells and modules-opportunities and challenges 39123
Guha, S., Bojarczuk, N.A., Kisker, D.W. Surface lifetimes of Ga and growth behavior on GaN (0001) surfaces during molecular beam epitaxy 10676
Guha, S. *see* Glatfelter, T. 38654
Guha, S. *see* Jiang, L. 9555
Guha, S. *see* Kash, J.A. 32173
Guha, S. *see* Mahan, A.H. 39132
Guha, S. *see* Palsule, C. 42077
Guha, S. *see* Sugiyama, S. 29637
Guha, S. *see* Yang, J. 39126
Guha, S.K. *see* Ghiyasvand, M.S. 8057
Guha, S.K. *see* Koul, V. 18242
Guha, S.K. *see* Sridhar, V. 8149
Guharay, S.K., Sokolovsky, E.A., Reiser, M., Orloff, J., Melngailis, J. Study of energy broadening of high-brightness ion beams from a surface plasma Penning source and its relevance in ion projection lithography 42867
Guharay, S.K., Wang, W., Dudnikov, V.G., Reiser, M., Orloff, J., Melngailis, J. High-brightness ion source for ion projection lithography 22713
Guharay, S.K. *see* Wang, W. 37178
Guheng Xu *see* Wanlie Zheng 39243
Gui, F., Back, D.D., Scaringe, R.P., Grzyll, R., Gottschlich, J.M. Zero-ODP refrigerants for low tonnage centrifugal chiller systems 29893
Gui, X., Dew, S.K., Brett, M.J., De Cogan, D. A general expression of boundary conditions in TLM diffusion modelling 45275
Gui, Z.L. *see* Chan, Y.C. 11754
Gui Jang Hong *see* Hong Gui Jang
Gui Jing *see* Jing Gui
Gui Xiang *see* Xiang Gui
Gui Yongsheng, Cai Yi, Zheng Guozhen, Chu Junhao, Guo Shaoling, Tang Dingyuan The relationship between resistance and temperature at high temperature region for $Hg_{1-x}Cd_xTe$ photoconductors 3580
Gui-Chuan Liu *see* Yi-Zhong Wang 55029
Gui-Dong Kim *see* Chung-Wook Suh 58044
Gui-Gao Le Numerical simulation of a type of impingement of supersonic jets 49851
Gui-Peng Luo *see* Yan-Qing Lu 4067
Gui-Ren An *see* An Gui-Ren
Guican Chen *see* Chen Guican
Guichao Hua *see* Kunrong Wang 60854
Guichard, F., Rudin, L. Accurate estimation of discontinuous optical flow by minimizing divergence related functionals 56944
Guicheng Wang *see* Wang Guicheng
Guicun Ma *see* Ma Guicun
Guida, G. *see* Baroni, P. 19271
Guide Wang *see* Wang Guide
Guidi, F. *see* Tortoli, P. 28191
Guidi, G. *see* Cecati, C. 38745
Guidi, G. *see* Rossi, M. 31003
Guidi, V. *see* Atutov, S.N. 3497
Guidi, V. *see* Depero, L.E. 30906
Guidi, V. *see* Ferroni, M. 52829
Guidi, V. *see* Ferroni, M. 58877
Guidi, V. *see* Yang, B. 58897
Guidice, D.A., Ray, K.P., Curtis, H.B., Ferguson, D.C. Space environment effects on solar arrays measured by the PASP plus experiment 18699
Guidice, D.A. *see* Davis, V.A. 9534
Guidice, D.A. *see* Davis, V.A. 18700
Guidice, D.A. *see* Ray, K.P. 51610
Guido, P.N., Oggianu, S., Etchepareborda, A., Fernandez, O. Expert environment for the development of nuclear power plants failure diagnosis systems 29005
Guidoni, A.G., Mele, A., Teghil, R., Marotta, V., Orlando, S., Santagata, A. Polycrystalline aluminum nitride films prepared by laser assisted Al and NH_3 reaction 52763
Guidoni, A.Giardini *see* Giardini Guidoni, A.
Guien Zhou *see* Qianwang Chen 32189
Guifang, D. *see* Wenyung, K. 28014
Guifen Wang *see* Wang Guifen
Guifen Zhang *see* Zhang Guifen
Guifu Ding *see* Ding Guifu
Guifu Zhang *see* Leung Tsang 8384
Guignard, G. Dealing with the high-brightness beam and space charge in CLIC 18024
Guignard, M. Lagrangean relaxation: a short course 30528
Guignard, P. *see* Barry, L.P. 16761
Guihua Shang *see* Shang Guihua
Guihua Zhang *see* Skeel, R.D. 40211
Guijin Huang *see* Huang Guijin
Guijin Wen *see* Wen Guijin
Guil, N., Zapata, E.L. A parallel pipelined Hough transform 15578
Guil, N., Zapata, E.L. Parallelization of irregular algorithms for shape detection 57108
Guilan Zhang *see* Pengfei Wu 44656
Guilan Zhang *see* Zhang Guilan
Guilbert, F., Condette, C., Makany, P., Slamani, Y., Hemidy, J.-F. Neural network applied to the fault detection on the inverted pendulum 52374
Guild, K.M., Webb, S.M., Sian, S.S. Unrepeatered transmission over 415 km at 2.5 Gbit/s with Raman gain and +26.5 dBm launch power 6717
Guild, K.M. *see* Sian, S.S. 26825
Guile, A.E., Salim, M.A., Heylen, A.E.D. High-field single electron emission rates and their influence on the Paschen characteristics in compressed gases 53896
Guilherme, J. *see* Behrens, F.H. 40909
Guilherme, J.C. *see* Correia, A.J. 53369
Guillard, J.M. Study of rotor winding integrity 60632
Guillard, R.P., Gutierrez, M.L. The MIDI (musical instrument digital interface) approach to control room noise simulation 8720
Guillaud, G. *see* Bouazizi, A. 27461
Guillaud, J.-F. *see* Pokam, M.R. 47380
Guillaud, J.P. *see* Alexeev, G. 59200
Guillaud, X. *see* Vandecasteele, F. 60757
Guillaudeux, S., Daniel, S., Maillard, E. Optimization of a sonar image processing chain: a fuzzy rules based expert system approach 49979
Guillaume, B., Mabire, J., Maurin, P., Reffet, D., Chiroi, F., Polzer, E.K. Microwave applications using photo-imageable technology 41522
Guillaume, J.-C. *see* Omnes, F. 9538
Guillaumot, B., Achard, H., Candelier, P., Deleonibus, S., Martin, F. Flash EEPROM cells using shallow trench isolation 1371
Guillaussier, P., Audoly, C., Boucher, D. Porous lead zirconate titanate ceramics for hydrophones 43594
Guillebaud, L. *see* Cunliffe, J. 7683
Guillemain, P. *see* Kronland-Martinet, R. 34926
Guillemaud, R., Brady, M. Enhancement of MR images 18378

Guillemaud, R. *see* Marais, P. 18394
Guillemaud, R. *see* Payot, E. 28086
Guillemet, H., Benali, H., Preteux, F., Di Paola, R. Noisy fractional Brownian motion for detection of perturbations in regular textures 28061
Guillemin, F. ATM block transfer capability vs. available bit rate service 35561
Guillemin, F., Hamchaoui, I. Some traffic issues in the design of virtual private networks over ATM 16128
Guillemin, F. *see* Cregut, P. 57594
Guillemin, P. The EHS-protocol [European Home Systems protocol for linking domestic appliances] 16082
Guillemot, C., Clerot, F., Loualiche, S., Simon, J.C., Dontenwille, M., Kervarec, J., Henry, M. A two-stage transparent packet switch architecture based on wavelength conversion 26445
Guillemot, C. *see* Bostica, B. 47499
Guillemot, C. *see* Renaud, M. 58370
Guillemot, N. *see* Kamarinos, G. *(editor)* 9790
Guillemot, P., Folliard, J., Brunet, M., Meyer, F., Vincent, M., Granveaud, M., Grudler, P. Use of direct broadcasting satellite signals for time transfer and orbitography 27373
Guillemot, P. *see* Ratier, N. 32757
Guillemot, Ph. *see* Besson, R.J. 31128
Guillemot, T., Pottier, E., Saillard, J., Levrel, J.-R., Lebreton, E. Measuring equivalent radar surface area 6931
Guillen, A., Reijs, V. A pan-European IP multicast network over the PNO ATM pilot 6236
Guillen, C., Martinez, M.A., Rodriguez, A., Herrero, J., Gutierrez, M.T. Morphological investigations on CdS-TCO photovoltaic window layers using atomic force microscopy 51563
Guillen, C. *see* Martinez, M.A. 9544
Guillen, H.V. *see* Cory, G. 29126
Guillerme, Y. *see* Peixeiro, C. 35936
Guillet, D. *see* Mohammed-Brahim, T. 52806
Guillet, J. *see* Aulagnier, E. 41547
Guillet, J. *see* Middya, A.R. 10913
Guillet, P., Legras, J., Le Moan, Y. Results from experiments on a real ATM network 47325
Guillier, G. *see* Golovanov, L.B. 18072
Guillod, J. *see* Fischer, S. 59436
Guillon, F., Aronzon, B.A., Campbell, J.W.M., Rampton, V.W. Amplitude-dependent effects of the acoustoelectric voltage and acoustic charge transport in GaAs/AlGaAs heterostructure in the quantum Hall regime 42092
Guillon, M., Shah, D. Objective measurement of contact lens-induced conjunctival redness 7998
Guillon, P. *see* Charty, B. 33967
Guillon, P. *see* Delmond, M. 53662
Guillon, P. *see* Fargeot, S. 11023
Guillon, P. *see* Lemaire, D. 17746
Guillon, P. *see* Nigon, F. 53533
Guillon, P. *see* Tantot, O. 27836
Guillon, S., Baylou, P., Najim, M. Robust nonlinear contrast enhancement filters 56977
Guillot, C. *see* Guziewocz, E. 12528
Guillot, C. *see* Orlowski, B.A. 2249
Guillot, G. *see* Del Medico, S. 17286
Guillot, G. *see* Rogany, D. 55422
Guillot, P. *see* Carlet, C. 34556
Guillou, D.F. *see* Carley, L.R. 13129
Guillouard, K., Man-Fai Wong, Hanna, V.F., Citerne, J. A new global finite element analysis of microwave circuits including lumped elements 21899
Guillouard, K., Wong, M.F., Fouad Hanna, V., Citerne, J. Analysis of lossy transmission lines for GaAs MMIC technology 53655
Guilloux-Viry, M. *see* Castel, X. 24565
Guimaraes, A.P. *see* Aliaga-Guerra, D. 3074
Guimaraes, C. *see* Ngandui, E. 51141
Guimaraes, P.S.S. *see* Alves, A.R. 42205
Guinand, P., Lodge, J., Papke, L. An alternative approach to the design of interleavers for block "turbo" codes 4547
Guinand, P.S., Lodge, J.H., Erup, L., Buonomo, S., Lyons, R., Uras, V.S. A wideband propagation model for the mobile satellite channel 58145
Guinaudeau, H. *see* Bezaguet, A. 49013
Guinjoan, F., Calvente, J., Poveda, A., Martinez, L. Large-signal modeling and simulation of switching DC-DC converters 60929
Guinjoan, F. *see* Garcia-Deza, C. 51166
Guinn, K.V. *see* Lee, J.T.C. 54392
Guinn, K.V. *see* McNevin, S.C. 42580
Guiot, C., Saccomandi, F., Todros, T. Continuous and pulsed Doppler power spectral density in steady flow: an experimental investigation 49571
Guiqing He, Kot, A.C., Tong Qi Decorrelator-based neighbour-searching multiuser detector in CDMA systems 16061
Guiraud, R. *see* Gantet, P. 37618
Guiraud, R. *see* Gantet, P. 49572
Guirong Guo *see* Songhua He 6882
Guirong Guo *see* Wenfeng Zhang 6880
Guirong Guo *see* Wenfeng Zhang 6881
Guirong Guo *see* Wenfeng Zhang 36226
Guirong Liu *see* Liu Guirong
Guirong Wang *see* Wang Guirong
Guisan Li *see* Li Guisan
Guise, J.A.De *see* De Guise, J.A.
Guise-Bagley, L. *see* Hoff, R.M. 28618
Guisheng Liao *see* Liao Guisheng
Guissard, A. Multispectra for ocean-like random rough surface scattering 4242
Guixiong Liu *see* Xianxin Zhong 17460
Guiying Wang *see* Zhihua Ding 7663
Guiyun Tian, Ning Chang, Jubi Liao, Zhengxu Zhao The research of a frequency-modulated displacement sensor 27476
Guizal, B. *see* Plumey, J.P. 44027
Guizani, M. *see* Al-Semari, S.A. 5832
Guizhi Zhao *see* Zhao Guizhi
Guizhong Liu *see* Liu Guizhong
Guizhuo Gao *see* Gao Guizhuo
Guj, G. *see* Stella, F. 58681
Gujrathi, S.C., Poitras, D., Klemberg-Sapieha, J.E., Martinu, L. ERD-TOF characterization of silicon-compound multilayer and graded-index optical coatings 13787
Gujrathi, S.C. *see* Ouellet, L. 22611
Gujrathi, S.C. *see* Ouellet, L. 54522
Guk Jeong Weon *see* Weon Guk Jeong
Gukov, V.I. *see* Baranova, L.K. 19669
Gul, E. A mathematical model for multiprocessor implementation of an algorithm 45788
Gulak, C., D'Mello, R. A review of field programmable analog arrays 41345
Gulak, P.G. *see* Javad Omidi, M. 4724
Gulak, P.G. *see* Javad Omidi, M. 35385
Gulakhmedova, T. *see* Harlev, E. 55331
Gulakov, I.R., Novikov, E.V., Zenevich, A.O. Avalanche photodiodes for measuring photon correlations 44231
Gulanyan, E.H. *see* Mikaelian, A.L. 23456
Gulari, E. *see* Malik, R. 42380
Gulati, R., Dugan, J.B. A modular approach for analyzing static and dynamic fault trees 52343
Gulati, R.K. *see* Weiwei Mao 41037
Gulati, S. *see* Shapiro, S.S. 39935
Gulden, K.H. *see* Kiesel, P. 12514
Gulden, K.H. *see* Moser, M. 44553
Guldner, Y. *see* Berroir, J.M. 2170
Guldner, Y. *see* Berroir, J.M. 12393
Guler, I., Kara, S. Detection of mitral stenosis by a pulsed Doppler flowmeter and autoregressive spectral analysis method 7932
Guler, M. *see* Densmore, A. 36020
Guler, O. Barrier functions in interior point methods 10410
Guler, S. *see* Yilmaz, H. 23145
Guleryuz, O.G., Orchard, M.T. Optimized nonorthogonal transforms for image compression 46251
Guleryuz, O.G. *see* Zixiang Xiong 4921
Guleserian, D., Hesla, E., Keiver, L.A. Large motors/small system: effective operation with voltage sag [pulp mill power quality] 39465
Gulev, V.S. Self-correction of optical field distortions induced in an active medium of powerful lasers by pumping radiation 3769
Gulev, V.S. *see* Dobryakov, B.S. 8113
Gulevich, A.V., Dyachenko, P.P., Zrodnikov, A.V., Kononov, V.N., Prokhorov, Yu.A., Pupko, V.Ya. Power model of a laser system pumped by a pulsed reactor 33375
Gulfu Zhang, Leung Tsang, Kuga, Y. The angular correlation function of wave scattering by a buried object embedded in random discrete scatterers under a random rough surface 48039
Gulgazov, V.N., Zhao, H., Major, J.S., Jr., Koch, T.L. Tunable high-power AlGaAs distributed Bragg reflector laser diodes 23946
Gulgun, R. *see* Pravadalioglu, S. 9625
Gulin, A.V. *see* Vasile, D. 52565
Gulker, G., Hinsch, K.D. Detection of surface microstructure changes by electronic speckle pattern interferometry 7627
Gulko, E. *see* Gregory, E. 55138
Gulko, M. *see* Ivensky, G. 31079
Gulkov, A.N., Minaev, A.N. Magnetic field sea water treatment in ocean engineering systems 51910
Gullberg, G.T. *see* Yi Weng 59502
Gullberg, G.T. *see* Zeng, G.L. 37676
Gullberg, G.T. *see* Zeng, G.L. 37677
Gulledge, T.R., Tarimcilar, M.M., Womer, N.K. Estimation problems in rate-augmented learning curves 20768
Gullikson, E. *see* Han, S. 37555
Gulliver, T.A. New optimal quaternary linear codes of dimension 5 24725
Gulliver, T.A., Bhargava, V.K. Some best rate 1/p quasi-cyclic codes over GF(5) 4507
Gulliver, T.A., Bhargava, V.K. New optimal binary linear codes of dimensions 9 and 10 24740
Gulliver, T.A., Harada, M. Classification of extremal double circulant formally self-dual even codes 56265
Gulliver, T.A. *see* Almulhem, A. 16026
Gulliver, T.A. *see* Bigloo, A.M.Y. 16541
Gulliver, T.A. *see* Esmaeili, M. 4512
Gulliver, T.A. *see* Esmaeili, M. 45636
Gulliver, T.A. *see* Esmaeili, M. 56333
Gulliver, T.A. *see* Hendessi, F. 45632
Gulliver, T.A. *see* Chouinard, J.-Y. *(editor)* 42
Gulluk, T., Wagner, H.E., Slemr, F. A high-frequency modulated tunable diode laser absorption spectrometer for measurements of CO_2, CH_4, N_2O, and CO in air samples of a few cm^3 38056
Gully, A.M. Failure mechanisms in film-based power capacitors 51448
Gulmezoglu, M.B., Barkana, A. Effect of the losses in the vocal tract 4595
Gulrajani, R.M. *see* Johnston, P.R. 18466
Gulrajani, R.M. *see* Thivierge, M. 59723
Gulrajani, R.M. *see* Zhenyao Xu 59375
Gulski, E., Burger, H.P., Vaillancourt, G.H., Brooks, R. Digital tools for PD analysis during induced test of large power transformers 38783
Gulski, E., Burger, H.P., Zielonka, A., Brooks, R. Classification of defects in HV components by fractal analysis of PD measurements 38792
Gulski, E., Meijer, S., Rutgers, W.R., Brooks, R. Recognition of PD in SF_6 insulation using digital data processing 43456
Gulski, E., Samuel, A.R., Kehl, L., Geene, H.T.F. Digital discharge location in HV cables with the travelling wave system 19333
Gulski, E., Zielonka, A. Application of digital partial discharge measuring techniques for the diagnosis of high voltage generator insulation 9182
Gulski, E. *see* Contin, A. 8943
Gulski, E. *see* Zondervan, J.P. 32623
Gultekin, A., Gokmen, M. Adaptive shape from shading 46186
Gultekin, S. *see* Sleem-Ur-Rahman 51552
Gulyaev, Yu.V., Sinitsyn, N.I., Torgashov, G.V., Chernozatonskii, L.A., Kosakovskaya, Z.Y., Zakharchenko, Yu.F. Nanofilament carbon structures: a new material for emission electronics 53897
Gulyaev, Yu.V., Zakharchenko, Yu.F., Zhbanov, A.I., Nefedov, I.S., Sinitsyn, N.I. A distributed microwave amplifier based on field-emitter arrays with a periodically nonuniform energy collector 53953
Gulyaev, Yu.V. *see* Zakharchenko, Yu.F. 53959
Gulyaev, Yu.V. *see* Zakharchenko, Yu.F. 53967
Gulzow, E. Alkaline fuel cells: a critical view 19989
Gumbert, C.M. *see* Mendelson, R. 13060
Gumbold, M. Software distribution by reliable multicast 57629
Gumbrell, E.T. *see* Ditmire, T. 14274
Gumbs, G. *see* Huang, D. 2053
Gumbs, G. *see* Manasreh, M.O. 42177
Gumeniuc, N. *see* Tsiulyanu, D. 48564
Gumley, P. *see* Mosley, K. 2982
Gumm, M., Buhler, M., Baitinger, U. Design education in microelectronics at the University of Stuttgart: VHDL–and synthesis based design of a 32-bit RISC processor in a four months course 9876
Gummadi, L.N.B., Palazotto, A.N. Finite element analysis of arches undergoing large rotations. I. Theoretical comparison 30679
Gummati, E. *see* Alderighi, M. 25038
Gumustekin, S., Hall, R.W. Mosaic image generation on a flattened Gaussian sphere 25460
Gun Ho Lee *see* Kusiak, A. 39704
Gun Ho Lee *see* Kusiak, A. 52139
Gun Koo Jin *see* Jin Gun Koo
Gun Shul Yong *see* Yong Gun Shul
Gun Yong Sung, Jeong Dae Suh Nucleation and growth of b-axis oriented $PrBa_2Cu_3O_{7-x}$ thin films on $LaSrGaO_4$ (100) substrates 30912
Gun-Chang Yang *see* Kwong, W.C. 47924
Gun-Han Park, Hwang-Seok Oh, Gil-Yoon Kim, Joon-Nyeun Jeon, Heung-Kyu Lee Implementation of a multimedia on-demand service system on the Internet 26366
Gun-Woo Moon *see* In-Hwan Oh 50970
Gun-Woo Moon *see* Jun-Young Lee 51274
Gun-Woo Moon *see* Kyeong-Hwa Kim 38708
Gunal, I., Parlak, M. Current transport mechanisms in low resistive CdS thin films 41969
Gunapala, S.D., Liu, J.K., Park, J.S., Sundaram, M., Shott, C.A., Hoelter, T., True-Lon Lin, Massie, S.T., Maker, P.D., Muller, R.E., Sarusi, G. 9-μm cutoff 256×256 $GaAs/Al_xGa_{1-x}As$ quantum well infrared photodetector hand-held camera 17542
Gunapala, S.D., Liu, J.K., Sundaram, M., Bandara, S.V., Shott, C.A., Hoelter, T., Maker, P.D., Muller, R.E. Long-wavelength 256×256 QWIP hand-held camera 17494
Gunapala, S.D., Liu, J.K., Sundaram, M., Bandara, S.V., Shott, C.A., Hoelter, T., Maker, P.D., Muller, R.E. Long wavelength quantum well infrared photodetector (QWIP) research at Jet Propulsion Laboratory 36569
Gunapala, S.D., Liu, J.K., Sundaram, M., Park, J.S., Shott, C.A., Hoelter, T., Lin, T.L., Massie, S.T., Maker, P.D., Muller, R.E., Sarusi, G. 9 μm cutoff 256×256 GaAs-$Al_xGa_{1-x}As$ quantum well infrared photodetector focal plane array camera 48665
Gunapala, S.D., Park, J.S., Sarusi, G., True-Lon Lin, Liu, J.K., Maker, P.D., Muller, R.E., Shott, C.A., Hoelter, T. 15-μm 128×128 $GaAs/Al_xGa_{1-x}As$ quantum well infrared photodetector focal plane array camera 17541
Gunarathne, G.P.P. Methods and reliability issues in the detection of mineral deposits in petroleum pipelines 30355
Gunasekaran, A. *see* Jegathesan, J. 52075
Gunasekaran, A. *see* Okko, P. 30095
Gunasekaran, M. Can thick silicone rubber coatings enhance the durability of some polymer concrete insulators in polluted environments? 32735
Gunasekaran, M., Boneti, H.J. Performance of polymer concrete insulators in Latin America 38405

Gunatunga, S.R., Jones, G.W., Kalaji, M., Murphy, P.J., Taylor, D.M., Williams, G.O. Synthesis and characterisation of low band gap polymers 21325
Gunawan, E. *see* Hao, Q. 47718
Gunawan, E. *see* Li-Zhong Tang 34606
Gunawan, E. *see* Xie, Q. 47685
Gunder, O.A. *see* Barashkov, N.N. 28033
Gundersen, M.A. Research issues for new applications of power modulators 51253
Gundlach, A. *see* Haworth, L.I. 9904
Gundlach, A.M. *see* Elliott, J.P. 54745
Gundlach, D.J., Lin, Y.Y., Jackson, T.N., Nelson, S.F., Schlom, D.G. Pentacene organic thin-film transistors–molecular ordering and mobility 32422
Gundlach, D.J. *see* Lin, Y.Y. 2726
Gundlach, H. *see* Karpov, A. 17010
Gundlach, K.H. *see* Karpov, A. 58519
Gundlach, K.H. *see* Plathner, B. 21903
Gundlach, M. *see* Muller-Fiedler, R. 13196
Gundry, S. *see* Whittington, H.W. 19601
Gundu Rao, T.K., Shinde, S.S., Bhatt, B.C., Srivastava, J.K., Nambi, K.S.V. ESR, TL, and fluorescence correlation in $BaSO_4$:Eu, P thermoluminescent phosphor 3592
Gundyrev, V.M. *see* Kurlyandskaya, G.V. 3092
Gunel, T. *see* Erer, I. 4707
Gunes, E.O., Anday, F. CFA based fully integrated nth-order lowpass filter 41315
Gunes, E.O. *see* Ozoguz, S. 1565
Guney, K. *see* Sagiroglu, S. 34266
Gung, C.Y. *see* Jeong, S. 43863
Gung, T.J., Ustundag, A., Zahn, M. Kerr electro-optic measurements of nonuniform axisymmetric electric field distributions using point-plane electrodes 32706
Gung, T.J. *see* Ustundag, A. 27813
Gungor, A. *see* Davis, C.C. 55222
Gunhee Han, Pineda de Gyvez, J., Sanchez-Sinencio, E. Optimal manufacturable CNN array size for time multiplexing schemes 31435
Gunhee Han, Sanchez-Sinencio, E. A general purpose neuro-image processor architecture 5544
Gunhee Han *see* Grimaila, M.R. 31446
Gunji, S., Austin, R.A., Elsner, R.F., Ramsey, B.D., Weisskopf, M.C. Development of a high energy X-ray polarimeter for small satellites 59358
Gunji, S. *see* Tsukahara, M. 59277
Gunjima, T. *see* Sato, H. 44099
Gunn, J.A. *see* Garboushian, V. 39184
Gunn, S.R., Nixon, M.R. Snake head boundary extraction using global and local energy minimisation 5418
Gunn, S.R., Nixon, M.S. A robust snake implementation; a dual active contour 25625
Gunnarsson, S. *see* Gustafsson, F. 45946
Gunning, P., Lucek, J.K., Moodie, D.G., Smith, K., Pitcher, D., Siddiqui, A.S. Fine-grain optical TDMA channel selection using an electroabsorption modulator and impulse generator 26897
Gunning, P. *see* Cotter, D. 26442
Gunning, P. *see* Lucek, J.K. 26777
Gunsel, B., Ferman, A.M., Tekalp, A.M. Video indexing through integration of syntactic and semantic features 25465
Gunsel, B. *see* Ferman, A.M. 57356
Gunshor, R.L., Han, J., Nurmikko, A.V. MBE of ZnSe alloys for room temperature CW laser diodes 21237
Gunshor, R.L. *see* Kozlov, V. 24157
Gunshor, R.L. *see* Nurmikko, A. 44474
Guntau, M. *see* Fardad, M.A. 3419
Gunten, H.P.Von *see* Von Gunten, H.P.
Gunter, I.A. *see* Vincent, J.H. 39770
Gunter, P. *see* Brulisauer, S. 13651
Gunter, P. *see* Brulisauer, S. 14335
Gunter, P. *see* Cudney, R.S. 43480
Gunter, P. *see* Feng Pan 24156
Gunter, P. *see* Fluck, D. 13671
Gunter, P. *see* Fluck, D. 14380
Gunter, P. *see* Fluck, D. 44638
Gunter, P. *see* Follonier, S. 4029
Gunter, P. *see* Follonier, S. 55845
Gunter, P. *see* Garces Chavez, V. 14332
Gunter, P. *see* Medrano, C. 14313
Gunter, P. *see* Montemezzani, G. 32980
Gunter, P. *see* Montemezzani, G. 55854
Gunter, P. *see* Pliska, T. 33058
Guntermann, H., Herna, K., Schindler, M.M., Schindler, J.G. An electro-analytical comparison of O_2-sensitive L-lactate biosensors using enzyme membranes on the basis of L-lactate-2-monooxygenase and L-lactate oxidase 36716
Gunther, B., Milne, G., Narasimhan, L. Assessing document relevance with run-time reconfigurable machines 21572
Gunther, B.H. *see* Kotthaus, S. 40675
Gunther, C. *see* Dolabdjian, C. 7294
Gunther, E., Kragler, K. Nanotechnology and surface analysis using scanning probe microscopy 42814
Gunther, E. *see* Heydt, G.T. 8981
Gunther, E. *see* Heydt, G.T. 50649
Gunther, E. *see* Knitter, R. 52841
Gunther, E. *see* Ritzhaupt-Kleissl, H.-J. 52840
Gunther, E. *see* Robert, A. 8733
Gunther, E.W. *see* Gole, A.M. 38858
Gunther, H. *see* Leopold, J. 27915
Gunther, J., Swindlehurst, A. Algorithms for blind equalization with multiple antennas based on frequency domain subspaces 25817
Gunther, L. *see* Simanjuntak, H.P. 43816
Gunther, M. *see* Grab, R. 11067
Gunther, M.F. *see* Elster, J.L. 7386
Gunther, M.F. *see* Jones, M.E. 18658
Gunther, M.F. *see* Murphy, K.A. 17443
Gunther, P. *see* Kressmann, R. 2883
Gunther, S., Buschbeck, S., Roeper, H. Permanent: SRAM and EEPROM on a chip 41181
Gunther, S. *see* Kolmakov, A. 42267
Gunturi, S. *see* Misra, S. 40572
Gunzel, H. The crease structure of the Karush-Kuhn-Tucker set in parametric optimization 10407
Gunzel, R. *see* Mandl, S. 54361
Gunzel, T. *see* Farvacque, L. 18005
Guo, B., Weiming Cao A preconditioner for the h-p version of the finite element method in two dimensions 10573
Guo, B., Xiang, X.M. The large time convergence of spectral method for generalized Kuramoto-Sivashinsky equations 21159
Guo, B. *see* Babuska, I. 649
Guo, C.S. *see* Zhao, C.Z. 3438
Guo, G.J. *see* Pingmao Xu 54936
Guo, H., Burrus, C.S. Fast approximate Fourier transform via wavelets transform 25171
Guo, H., Odegard, J.E., Burrus, C.S. Teaching wavelets with Java on the information superhighway 39630
Guo, H., Rodgers, J., Chen, S., Walter, M., Granatstein, V.L. Experimental investigation of a phase-locked harmonic multiplying inverted gyrotwystron 12104
Guo, H. *see* Chu, K.R. 1954
Guo, H. *see* Tian, J. 6948
Guo, H.T. *see* Tang, Z.Y. 38952
Guo, H.X. *see* Mai, Z.H. 30729
Guo, H.X. *see* Shi, Y. 2115
Guo, H.X. *see* Shi, Y. 12346
Guo, J. *see* Hector, S. 32290
Guo, J.C. *see* Tahui Wang 2660
Guo, K. *see* Rodrigues, L. 5847
Guo, L. *see* Ding, X. 30402
Guo, L. *see* Zhao, C.Z. 44016
Guo, P., Tanaka, H. Fuzzy decisions in possibility programming problems 40005
Guo, Q. *see* Wang, R. 7232
Guo, R., Su, T.Y., Chia-Chi Chao A 500 MHz 1 Mb on-chip cache design using multi-level bit line sensing scheme 1477
Guo, R. *see* Love, C.E. 362
Guo, R.S. *see* Antos, J. 37373
Guo, R.S. *see* Iijima, T. 37238
Guo, R.S. *see* Sahu, S.K. 37360
Guo, S., Nakamura, T., Fukuda, T., Oguro, K. Design and experiments of micro pump using ICPF actuator 28059
Guo, S., Ozawa, S. A gray-level image thresholding method 25720
Guo, S., Peters, L., Surmann, H. Design and application of an analog fuzzy logic controller 1636
Guo, S. *see* Barta, P. 55449
Guo, S. *see* Luk, W. 11419
Guo, S. *see* Su, Y. 26946
Guo, S.L. *see* Kun Liu 31807
Guo, S.L. *see* Kun Liu 54078
Guo, S.P. *see* Feng, Y.Z. 687
Guo, T. *see* Barty, C.P. 14075
Guo, T. *see* Barty, C.P.J. 3802
Guo, T. *see* Barty, C.P.J. 7933
Guo, T. *see* Littau, K.A. 40648
Guo, W.-M., Oruc, A.Y. Semi-explicit construction of concentrators and superconcentrators 35868
Guo, W.H., Huang, J.T., Hwang, J. Hysteresis loop in the current-voltage characteristic of Al/boron-doped polycrystalline diamond Schottky contact 42263
Guo, W.T. *see* Chiang, J.Y. 25350
Guo, W.Y. *see* Chen, Y.K. 16677
Guo, X. *see* Waddill, G.D. 55019
Guo, X.L., Liu, Z.G., Hu, W.S., Xiong, S.B., Zhu, S.N., Zhu, Y.Y., Lin, C.Y. Pulsed laser deposition of $LiNbO_3/LiTaO_3$ multilayer films on $SiO_2/Si(100)$ substrate 52807
Guo, X.L., Liu, Z.G., Zhu, S.N., Xiong, S.B., Zhu, Y.Y., Liu, J.M. $Ba_2NaNb_5O_{15}$/MgO optical waveguide structure grown on Si wafer by pulsed laser deposition 10882
Guo, X.L. *see* Hu, W.S. 10841
Guo, Y. Experimental determination of effective coefficients of thermal expansion in electronic packaging 30319
Guo, Y. *see* Arnold, D.H. 22050
Guo, Y. *see* Campos, R.A. 3617
Guo, Y. *see* Han, B. 10066
Guo, Y. *see* Han, B. 30067
Guo, Y. *see* Han, B. 30317
Guo, Y. *see* Husman, M.S. 39789
Guo, Y. *see* Kezunovic, M. 28936
Guo, Y. *see* Shenouda, B. 34282
Guo, Y. *see* Vemuri, B.C. 18383
Guo, Y.C. *see* Horvat, J. 23395
Guo, Y.C. *see* Muller, K.-H. 32896
Guo, Y.J., Paez, A., Sadeghzadeh, R.A., Barton, S.K. A circular patch antenna for radio LAN's 24562
Guo, Y.J., Paez, A., Sadeghzadeh, R.A., Barton, S.K. A patch antenna for HIPERLAN 26119
Guo, Y.J. *see* Fu, K. 47079
Guo, Y.J. *see* Gillies, D.A.G. 47076
Guo, Y.J. *see* Tellambura, C. 26120
Guo, Y.J. *see* Tellambura, C. 26121
Guo, Z., Conrad, H. Fatigue cracking kinetics and lifetime prediction of electronic solder joints 30962
Guo, Z. *see* Hwang, J.S. 39841
Guo, Z.B., Zhang, J.R., Huang, H., Ding, W.P., Du, Y.W. Large magnetic entropy change in $La_{0.75}Ca_{0.25}MnO_3$ 32781
Guo Aike *see* Aike Guo
Guo Baohai *see* Liu Yanhong 52825
Guo Baoping, Nin Hanben Application of high voltage non-avalanche transistors to sweep circuit in streak camera 17473
Guo Ben-Yu *see* He Song-Nian 40139
Guo Bin *see* Bin Guo
Guo Bo *see* Bo Guo
Guo Cailin *see* Huangfu Lujiang 17707
Guo Changshun *see* Zhao Xiongwen 14695
Guo Chengan *see* Chengan Guo
Guo Der Feng *see* Der Feng Guo
Guo Der-Feng *see* Der-Feng Guo
Guo Fang Xu *see* Kyung Sub Joo 46484
Guo Feng-Zhen *see* Feng-Zhen Guo
Guo Guirong *see* Guirong Guo
Guo Haitao *see* Haitao Guo
Guo Hetong *see* Hetong Guo
Guo Hong *see* Deng Ximing 4271
Guo Hong *see* Hong Guo
Guo Hong Tang *see* De Ying Chen 22172
Guo Huadong, Zhu Liangpu, Shao Yun, Lu Xinqiao Detection of structural and lithological features underneath a vegetation canopy using SIR-C/X-SAR data in Zhao Qing test site of southern China 28606
Guo Hui *see* Hui Guo
Guo Jianbo, Xiao Jing, Qiu Qun, Liu Kui, Xiong Shixian, He Junjun Research on optimizing calculation of distributing electric power and energy remained from Three Gorges Power Station among provinces in Central China Power System 19262
Guo Jianxin *see* Jianxin Guo
Guo Jianzhong *see* Jianzhong Guo
Guo Jiatian, Bian Beilei, Ma Zeliang Research on switching-off of 220 kV inter-provincial tie lines in East China electric power grid 8813
Guo Jie *see* Xu Liming 50636
Guo Jie Li *see* Jin Gang Liu 55973
Guo Jihua, Yin Chunyong Response function and adaptive principle for measurement systems 7115
Guo Jyh-Huei *see* Jyh-Huei Guo
Guo Kexin *see* Sun Fai 54371
Guo Langjie *see* Langjie Guo
Guo Li-Wei *see* Zhang Man-Hong 41875
Guo Lihui, Zhang Yibin, Sun Tietun Energy band structure and sheet resistance of MIS inversion layer for silicon solar cells 9546
Guo Lingjie *see* Lingjie Guo
Guo Liqi *see* Hatatani, S. 40360
Guo Lixia, Li Changle, He Hong Acquisition on full field of view in TV tracking system 15436
Guo Lurong *see* Tang Jiyue 55921
Guo Lurong *see* Tang Jiyue 55923
Guo Lurong *see* Zeng Hongjun 44823
Guo Lurong *see* Zhu Jianhua 44824
Guo Lurong *see* Lurong Guo
Guo Ping *see* Liu Dahe 44787
Guo QiGang *see* QiGang Guo
Guo Qing *see* Qing Guo
Guo Qingding, Luo Ruifu, Wang Limei A shaft sensorless control for PMSM using direct neural network adaptive observer 50948
Guo Qingding *see* Wang Limei 51062
Guo Ruey-Shan *see* Ruey-Shan Guo
Guo Ruyan *see* Ruyan Guo
Guo Shangqi *see* Shangqi Guo
Guo Shaoling *see* Gui Yongsheng 3580
Guo Shaori *see* Shaori Guo
Guo Shilun *see* Hao Xiuhong 37478
Guo Shin-Ming *see* Shin-Ming Guo
Guo Shiping *see* Wang Shanli 10788
Guo Shuquan *see* Zhou Yaqin 36957
Guo Shuxiang *see* Shuxiang Guo
Guo Siji, Wang Lijun, Wang Jiayou, Wang Risheng Study of dynamic properties of photorefractive two-wave mixing 4072
Guo Tao *see* Tao Guo
Guo Tingwei *see* Tingwei Guo
Guo Tiyun *see* Zhu Ying 46807
Guo Tzong-Yih *see* Lin Ruey-Shiung 59828
Guo Wei Estimations of frequency and its drift rate 25089
Guo Wei *see* Lu Ying 58971
Guo Wei *see* Wei Guo
Guo Wen *see* Wen Guo
Guo Wenli *see* Li Gang 59598
Guo Xianshan *see* Wang Zhangqi 19887
Guo Xiao Wen *see* Xiao Wen Guo
Guo Xiaozhong *see* Liu Zhanwen 37169
Guo Xiuhuang *see* Xu Feng 58595
Guo Yanan Status and upgrade of BEPC/BES 37212
Guo Yi-Fan *see* Yi-Fan Guo
Guo Yingxiang *see* Chen Xinfeng 18143
Guo Yong, Gu Binglin, Duan Wenhui Level width of a quasibound state in a double-barrier parabolic-well resonant tunneling structure 42144
Guo Yong-Kang, Zhou Yu, Tang Hong, Zhou Chong-Xi, Zhou Xiang, Xu Ping Novel color-encoder for rainbow holography 44805
Guo Yong-Kang *see* Zhong Xi-Hua 58982
Guo Yongming *see* Yongming Guo

Guo Yuan, Lin PingWei A digital servo chip microprocessor designed for the cesium frequency standard 27258
Guo Yuan *see* Yuan Guo
Guo Yubin Preliminary study of laser plasma submicron lithography 22745
Guo Yuchai *see* Wang Tao 16223
Guo Yushun Further study on a method for the transient analysis of lossy transmission lines 14652
Guo Zaibing *see* Zaibing Guo
Guo Zhang-Qi *see* Wan Xiao-Yan 56459
Guo Zhao-Hui *see* Zheng Min 32823
Guo Zhenqin *see* Zhenqin Guo
Guo Zhenyu *see* Zhenyu Guo
Guo Zhi *see* Wang Zidong 45892
Guo Zhong Jiang *see* Wen Xun Zhang 34249
Guo Zhongjun The research of high-speed scanning technology 54553
Guo Zhongyong *see* Zhongyong Guo
Guo Zhuanyun *see* Zhuanyun Guo
Guo-Ding Chen *see* Wei-Ping Zhong 33039
Guo-Fan Jin *see* Ji-Hong Feng 25307
Guo-Guang Mu A physical method for color photography 46391
Guo-Guang Mu, Zhao-Qi Wang Application of moving gratings in BSO to optical pattern recognition 24277
Guo-Liang, D. The design of memory in high-speed data acquisition system 27423
Guo-Long Tan, Xi-Jun Wu, Li-Ren Wang, Yu-Quan Chen Investigation for oxygen sensor of LaF_3 thin film 27717
Guo-Nan Zhao Analog design-for-testability for analog/mixed-signal ASICs 53457
Guo-Ping, J. *see* Koutzarov, I.P. 22585
Guo-Ping Ding *see* Ding Guo-Ping
Guo-Ping Zhang *see* Zhang Guo-Ping
Guo-Qiang Hai, Studart, N. Quantum transport in δ-doped quantum wells 54187
Guo-Qiang Hai, Studart, N., Peeters, F.M., Koenraad, P.M., Wolter, J.H. Intersubband-coupling and screening effects on the electron transport in a quasi-two-dimensional δ-doped semiconductor system 2145
Guo-Qiang Xue, Xiao-Hu Yu, Shi-Xin Cheng Blind sequence detection algorithm for uplink CDMA RAKE receiver 6555
Guo-Qing Hu *see* Yau, S.S.-T. 45815
Guo-Qing Wei, Arbter, K., Hirzinger, G. Real-time visual servoing for laparoscopic surgery. Controlling robot motion with color image segmentation 28405
Guo-Qing Zhang *see* Bi-Zhen Dong 12838
Guo-Qing Zhu *see* Zhu Guo-Qing
Guo-Quan Zhang *see* Zhang Guo-Quan
Guo-Wei Huang *see* Wen-Chung Tsai 54147
Guo-Wen Yang *see* Feng-Chi Yuan 10840
Guo-Yun Tian *see* Tian Guo-Yun
Guo-Zhen Yang *see* Bi-Zhen Dong 12838
Guo-Zhen Yang *see* Da-Fu Cui 32679
Guo-Zua Wu *see* Shih-Hsu Chang 56705
Guoan Bi, Yanqiu Chen Split-radix algorithm for 2D DFT 30682
Guoan Gao *see* Gao Guoan
Guo'an Yan *see* Yan Guo'an
Guobao Li *see* Biying Huang 9520
Guobao Li *see* Li Guobao
Guochang Xu, Jun Liu Investigation of pertubation effect for plasma in the TM_{010}-mode microwave excited gas laser 44601
Guoching-Xu *see* Chisen-Lin 33942
Guochu Cao *see* Cao Guochu
Guodong Cheng *see* Xiaojun Yang 18776
Guodong Feng *see* Feng Guodong
Guofan Jin *see* Jin-Hui Zhai 3339
Guofan Jin *see* Jinhui Zhai 43923
Guofan Jin *see* Shifu Yuan 13760
Guofan Jin *see* Wenyi Feng 48415
Guofan Liu *see* Liu Guofan
Guofen Yu, Wenxiang Wang, Yanyn Wei, Shenggang Liu Study on microwave excited by virtual cathode oscillation in cavity 12083
Guofen Yu *see* Yu Guofen
Guofen Zhang *see* Zhang Guofen
Guofu Chen *see* Chen Guofu
Guofu Zhai *see* Zhai Guofu
Guoguang Mu *see* Yanxin Zhang 44134
Guoguang Yang *see* Tingdi Liao 55926
Guohong, T. Silicon wafer direct bonding technique and its application 22504
Guohong Yang *see* Yang Guohong
Guohua Cao *see* Huajun Tang 32981
Guohua Xiao, Bass, M. A generalized model for passively Q-switched lasers including excited state absorption in the saturable absorber 14223
Guohua Yu *see* Yu Guohua
Guohui Li *see* Li Guohui
Guojian Huang *see* Huang Guojian
Guojie Dong, Ruey-Wen Liu A temporal neural network for the noise subspace of the array signal 4863
Guojie Dong *see* Ruey-Wen Liu 56244
Guojun, J. *see* Johnston, W. 26194
Guojun Bao *see* Bao Guojun
Guojun Jin *see* Jin Guojun
Guojun Lu Quality of service management in distributed multimedia systems 26348
Guojun Lu An approach to image retrieval based on shape 46380
Guojun Sun *see* Sun Guojun
Guoli Gong *see* Gong Guoli
Guoliang Chen *see* Jianzhong Zhu 39360
Guoliang Shi *see* Shi Guoliang
Guoliang Shou *see* Sawahashi, M. 26537
Guoliang Wang *see* Wang Guoliang
Guoliang Zhu *see* Zhu Guoliang
Guolun Zhong *see* Shounan Hua 29572
Guomao, Y., Sessler, G.M., Fedosov, S.N. Electron-beam poling of PVDF and P(VDF-TFE) copolymer 54931
Guoping, C. *see* Xinlau, M. 21355
Guoqi Ni, Feilu Luo A error model of vision-based measurement 59015
Guoqiang Chen *see* Chen Guoqiang
Guoqiang Li, Liren Liu, Lan Shao, Yaozu Yin, Jiawen Hua Parallel optical negabinary arithmetic based on logic operations 44130
Guoqiang Li *see* Feng Wang 24102
Guoqiang Li *see* Huiquan Cheng 13756
Guoqiang Li *see* Jianwen Hua 56677
Guoqiang Li *see* Lan Shao 58401
Guoqiang Li *see* Liren Liu 23612
Guoqiang Li *see* Yaozu Yin 13768
Guoqiang Zhang *see* Zhang Guoqiang
Guoqing Huang *see* Huang Guoqing
Guoqing Li *see* Li Guoqing
Guoqing Liu, Shunji Huang, Torre, A., Rubertone, F. Optimal multi-look polarimetric speckle reduction and its effect on terrain classification 8303
Guoqing Tang *see* Pengfei Wu 44656
Guoqing Tang *see* Tang Guoqing
Guoqing Wen *see* Wen Guoqing
Guoqing Zhou *see* Zhou Guoqing
Guoquan Ni *see* Ni Guoquan
Guoquan Ren *see* Ren Guoquan
Guoquan Zhang, Simin Liu, Guoyun Tian, Jingjun Xu, Qian Sun, Guangyin Zhang New noise-suppression technique in photorefractive crystals 56840
Guoquan Zhang *see* Guangyin Zhang 23453
Guoquan Zhang *see* Qiyin Fang 13557
Guorong Hu *see* Hu Guorong
Guorui Chen *see* Chen Guorui
Guosui Liu *see* Chunling Yang 26983
Guotong Du, Stair, K.A., Devane, G., Jianping Zhang, Chang, R.P.H., White, C.W., Xuemei Li, Zhiling Wang, Ying Liu Vertical-cavity surface-emitting laser with a thin metal mirror fabricated by double implantation using a tungsten wire mask 14189
Guotong Du *see* Ying Liu 14154
Guotong Du *see* Yongsheng Zhao 3625
Guotong Feng *see* Feng Guotong
Guotong Zhou Differentiating random amplitude harmonics from constant amplitude harmonics 4669
Guowei Cai *see* Cai Guowei
Guowei Zhang *see* Zhang Guowei
Guowen Lu, Yu, F.T.S. Pattern classification using a joint transform correlator based nearest neighbor classifier 46112
Guowen Lu, Zheng Zhang, Shudong Wu, Yu, F.T.S. Implementation of a non-zero-order joint-transform correlator by use of phase-shifting techniques 35112
Guowu Zheng, Qi-Jun Zhang, Nakhla, M., Achar, R. An efficient approach for moment-matching simulation of linear subnetworks with measured or tabulated data 11082
Guoxian Liu *see* Liu Guoxian
Guoxiang Ai *see* Yuanyong Deng 55375
Guoxiang Xu, McGrath, P.B., Burns, C.W. Surface degradation of polymer insulators under accelerated climatic aging in weather-ometer 8936
Guoxin Fan, Jian-Ming Jin Scattering from a cylindrically conformal slotted-waveguide array antenna 36222
Guoxiong Chen *see* Chen Guoxiong
Guoxiong Zhang *see* Chunhai Wang 17324
Guoxiu Li, Ming Fang, Darwin Liang State-space model identification of synchronous machines 19707
Guoxiu Li, Ming Fang, Darwin Liang Direct approach to identification of physical parameters of large generators 19726
Guoyi Zhang *see* Lisen Cheng 40385
Guoyi Zhang *see* Zhang Guoyi
Guoying Chen, Peikang Huang A wavelet method to suppress the angle measurement error in monopulse tracking radar 48084
Guoying Chen, Peikang Huang, Hongcheng Yin A statistical model of radar target glint based on discrete differenced gaussian noise 36223
Guoying Zhu *see* Zhu Guoying
Guoyou Wang *see* Nong Sang 15764
Guoyu Xu *see* Xu Guoyu
Guoyue Chen, Abe, M., Sone, T. Improvement of convergence speed in the filtered-x LMS algorithm with correlated reference signals 45732
Guoyun Liu *see* Liu Guoyun
Guoyun Tian *see* Guoquan Zhang 56840
Guoyun Tian *see* Qiyin Fang 13557
Guozhao Wang *see* Wang Guozhao
Guozhen Xiao *see* Xiao Guozhen
Guozhen Yang *see* Jie Zhang 30808
Guozhen Yang *see* Xinhui Zhang 2184
Guozhen Zheng *see* Zheng Guozhen
Guozheng Li *see* Li Guozheng
Guozhi Wang *see* Wang Guozhi
Guozhong Wen, Peiji Zhao, Yia-Chung Chang Theory of unconfined excitons trapped by a quantum well 32011
Guozhong Xu *see* Xu Guozhong
Gupalakrishnan, G.K. Externally modulated CATV distribution systems 36345
Gupta, A., Hayes, J.P. Width minimization of two-dimensional CMOS cells using integer programming 13140
Gupta, A., Hayes, J.P. A hierarchical technique for minimum-width layout of two-dimensional CMOS cells 54808
Gupta, A., Stahl, D.O., Whinston, A.B. An economic approach to networked computing with priority classes 35692
Gupta, A. *see* Ashar, P. 11357
Gupta, A. *see* Chaddha, N. 15513
Gupta, A. *see* Chaddha, N. 56716
Gupta, A. *see* Chaudhury, S. 57163
Gupta, A. *see* Chen, X.C. 56787
Gupta, A. *see* de Doncker, E. 21162
Gupta, A. *see* De Doncker, E. 21163
Gupta, A. *see* Gupta, A.K. 9066
Gupta, A. *see* Jian Mi 12527
Gupta, A. *see* Jolly, M.-P.D. 25454
Gupta, A. *see* Konana, P. 47368
Gupta, A. *see* Maly, K. 39623
Gupta, A. *see* Natesan, V. 40836
Gupta, A. *see* Sun, J.Z. 3260
Gupta, A. *see* Sun, J.Z. 43671
Gupta, A.C. *see* Mohan, P. 17159
Gupta, A.D., Santiago, J.M., Meyer, C. 3-D finite element modeling and analysis of an armored vehicle hull with multiple access openings 8586
Gupta, A.K., Haslett, J.W., Trofimenkoff, F.N. BiCMOS adjustable linear current mirror 23018
Gupta, A.K., Hassan, T., Gupta, A. Correlation coefficients for modal response combination of non-classically damped systems 9066
Gupta, A.K., Khare, N., Khare, S. Development of high-T_c superconducting thick-film rf-SQUID sensors and their application in non-destructive testing 36491
Gupta, A.K., Marois, P.H., Lloyd, D.J. Study of the precipitation kinetics in a 6000 series automotive sheet material 10933
Gupta, A.K. *see* Brasoveanu, D. 19576
Gupta, A.K. *see* Khare, N. 36461
Gupta, A.K. *see* Khare, N. 43791
Gupta, A.K. *see* Wang Xiaoqun 16093
Gupta, A.Sen *see* Sen Gupta, A.
Gupta, B., Goodman, R., Fukang Jiang, Tsao, T., Yu-Chong Tai, Tung, S., Chih-Ming Ho A wafer-scale MEMS and analog VLSI system for active drag reduction 23056
Gupta, B.D., Dodeja, H., Tomar, A.K. Fibre-optic evanescent field absorption sensor based on a U-shaped probe 7370
Gupta, B.K., Fink, W.T. A proposed type test for interturn insulation in multi-turn coils 9177
Gupta, D. Evaluation of alternative processes for Au-Sn-Au flip chip bonding of power devices 10116
Gupta, D. *see* Hu, C.-K. 42743
Gupta, D. *see* Hu, C.-K. 42754
Gupta, D.P.S. *see* Sargunaraj, S. 38311
Gupta, G.C., Legg, P.J., Andonovic, I., Uttamchandani, D. Noise analysis in coherence-multiplexed optical fiber communication systems 36185
Gupta, G.Das *see* Das Gupta, G.
Gupta, H.M. *see* Singh, Y.N. 36101
Gupta, I.J. *see* Ming-Wang Tu 27008
Gupta, J.N.D. *see* Wachter, R.M. 9855
Gupta, K. *see* Verbauwhede, I. 31299
Gupta, K.C. *see* Parrikar, R.P. 34202
Gupta, K.C. *see* Watson, P.M. 21966
Gupta, L.R. Computer aided design and analysis of unidirectional fibrous composites 30978
Gupta, M., Sharma, V.K., Kapoor, A., Tripathi, K.N. Fabrication and characterization of polycarbonate thin film optical waveguides 44036
Gupta, M. *see* Tripathi, R.K. 27982
Gupta, M.C. *see* Gopalan, V. 14318
Gupta, M.K. *see* Aswal, D.K. 55088
Gupta, M.M. *see* Liang Jin 56590
Gupta, N. Periodic elliptic shaped resonators in fin line 53551
Gupta, N., Kanal, L. Gradient based image motion estimation without computing gradients 57162
Gupta, N. *see* Chakrabarti, P. 2281
Gupta, N. *see* Srivastava, S. 43986
Gupta, N.K., Bickford, J.P. Electromagnetic interference under short-circuit fault conditions in one-rail return AC railway systems with booster transformers 20185
Gupta, N.K., Jagadeesan, L.J., Kouteofios, E.E., Weiss, D.M. Auditdraw: generating audits the FAST way 26066
Gupta, N.K. *see* Buchanan, W.J. 41574
Gupta, P.K. *see* Sen, S.K. 1191
Gupta, P.S. *see* Kumar, A. 44706
Gupta, R., Bandopadhyaya, L., Puri, M.C. Ranking in quadratic integer programming problems 483
Gupta, R., Chowdhury, N., Billinton, R. Economic impact of nonutility generation on hydrothermal systems with variable head hydro units 19592
Gupta, R., Krauter, B., Pileggi, L.T. Transmission line synthesis via constrained multivariable optimization 45277

Gupta, R., Sharma, P.C., Singhal, P.K. Bootlace lens fed multiple beam antennas–a review 45375
Gupta, R., Tutuianu, B., Pileggi, L.T. The Elmore delay as a bound for RC trees with generalized input signals 40787
Gupta, R., Willis, J., Pileggi, L.T. Low power design of off-chip drivers and transmission lines: a branch and bound approach 40760
Gupta, R. *see* Louri, A. 35705
Gupta, R. *see* Louri, A. 57952
Gupta, R. *see* Palmer, R.B. 17966
Gupta, R. *see* Teke, A. 44473
Gupta, R. *see* Vazirani, G. 22052
Gupta, R. *see* Yuan, X. 35507
Gupta, R.C. *see* Kumar, M. 38463
Gupta, R.D., Goyal, N.C., Gupta, R.K., Singhal, P.K. Microcontroller based alarm and monitoring unit 17220
Gupta, R.K. Panel: Opportunities and pitfalls in HDL-based system design 1049
Gupta, R.K. Hardware-software co-design: Tools for architecting systems-on-a-chip 41073
Gupta, R.K. *see* Chung, K.-S. 11360
Gupta, R.K. *see* De Michell, G. 40789
Gupta, R.K. *see* Gupta, R.D. 17220
Gupta, R.P., Srinivas Rao, K. Prediction of wind power potential using Wind Atlas Analysis and Application Programme 60475
Gupta, R.P. *see* Kuruvilla, B.A. 2353
Gupta, R.S. *see* Chhokra, S.A. 43112
Gupta, R.S. *see* Maneesha 2681
Gupta, S., Singh, H. Preprocessing EEG signals for direct human-system interface 18554
Gupta, S., Singh, R. An optimally performing compact size horn for small size offset antenna 4337
Gupta, S. *see* Adham, S.M.I. 53303
Gupta, S. *see* Bhan, R.K. 13854
Gupta, S. *see* Brown, R.E. 8887
Gupta, S. *see* Brown, R.E. 50559
Gupta, S. *see* Chandra, P. 39794
Gupta, S. *see* Chhaya, H.S. 6102
Gupta, S. *see* Chi-Chung Cheung 5885
Gupta, S. *see* Choe, G. 43638
Gupta, S. *see* Goswami, D.Y. 29889
Gupta, S. *see* Roy, J. 29161
Gupta, S. *see* Sharma, R.D. 9071
Gupta, S.C. *see* Hmimy, H.H. 6570
Gupta, S.D. *see* Mahalakshmi, V. 24112
Gupta, S.Das *see* Das Gupta, S.
Gupta, S.K., Soong, F., Haimi-Cohen, R. High-accuracy connected digit recognition for mobile applications 16635
Gupta, S.K. *see* Aswal, D.K. 55088
Gupta, S.K. *see* Auffray, E. 37281
Gupta, S.K. *see* Breuer, M.A. 32551
Gupta, S.K. *see* Cheung, H. 41134
Gupta, S.K. *see* Chih-Ang Chen 27406
Gupta, S.K. *see* Regli, W.C. 5038
Gupta, S.K. *see* Sharma, G.D. 42012
Gupta, S.K. *see* Sharma, G.D. 42247
Gupta, S.K. *see* Sharma, G.D. 51603
Gupta, S.K. *see* Yuan-Chieh Hsu 11264
Gupta, S.M. Machine interference problem with warm spares, server vacations and exhaustive service 46694
Gupta, S.M. *see* Moyer, L.K. 41619
Gupta, S.N., Prince, J.L. On well-posed stochastic formulations of optical flow 35348
Gupta, S.N., Prince, J.L. On div-curl regularization for motion estimation in 3-D volumetric imaging 57018
Gupta, T.K. *see* Nagarkar, V.V. 52925
Gupta, U. *see* Prahlad, M. 49604
Gupta, V., Parameswaran, M., Goldenberg, L., McEwen, J. Toward the development of a non-invasive pressure-flow sensor system for the detection of prostate cancer in men 28075
Gupta, V. *see* Reddy, N.P. 18199
Gupta, V. *see* Vergin, R. 14926
Gupta, V.D. *see* Gopal, S. 30985
Gupta, V.K., Barker, D.B., Dasgupta, A. Modeling solder joint fatigue life for gullwing leaded packages. II. Creep model and life calculation 30313
Gupta, V.K. *see* Dion, M. 55620
Gupta, V.V., Im, J.S. Transient and athermal nucleation of solids in rapidly quenched liquid Si 52743
Gupta, Y. *see* Izhak, S. 7229
Gupta Sandeep *see* Sandeep Gupta
Gur, D. *see* Bin Zheng 8031
Gurary, A. *see* Thompson, A.G. 10702
Gurbuz, Y., Kang, W.P., Davidson, J.L., Kerns, D.V. Analyzing the mechanism of hydrogen adsorption effects on diamond based MIS hydrogen sensors 27729
Gurbuz, Y., Kang, W.P., Davidson, J.L., Kerns, D.V. A novel oxygen gas sensor utilizing thin film diamond diode with catalyzed tin oxide electrode 36780
Gurcan, M.N., Gerek, O.N., Enis Cetin, A. A morphological subband decomposition structure using GF(N) arithmetic 56769
Gurcan, M.Nafi *see* Nafi Gurcan, M.
Gurcharn Dang *see* Dorr, D.S. 38438
Gurd, D. *see* Lawrence, G. 49177
Gurd, E.D., Forest, C.A. Flat panels in future ground combat vehicles 18981
Gureev, D.M., Kanavin, A.P., Katulin, V.A., Levin, A.V., Nikolaev, V.D., Petrov, A.L., Satyugov, V.M., Stranin, S.A., Zaikin, A.E., Zolotarevskii, A.V. Laser-arc treatment of materials and its application 39762
Gurel, L., Aksun, M.I. Fast multipole method in layered media: 2-D electromagnetic scattering problems 34015
Gurelli, M.I., Onural, L. A class of adaptive directional image smoothing filters 15850
Gur'ev, V.A. *see* Grishin, I.A. 44664
Gurevich, A.V. *see* Hysell, D.L. 58449
Gurevich, B.S. *see* Akaev, A.A. 56602
Gurevich, E.L., Kaidanovskii, M.N. Experimental investigation of systems for synchronizing time scales by means of the Quasar satellite communication system network 48301
Gurevich, S.B., Konstantinov, V.B. Real-time holographic interferometry in a physical experiment 4138
Gurevich, S.B. *see* Akaev, A.A. 56602
Gurevich, Yu.G., Logvinov, G.N., Lyubimov, O.I., Titov, O.Yu. On the role of the bulk and surface recombination in the thermopower in bipolar semiconductors 31740
Gurevich, Yu.G., Vackova, S., Zdansky, K. The phonon drag effect on thermopower in p-CdTe 31844
Gurevich, Yu.G. *see* Gonzalez de la Cruz, G. 31741
Gurevich, Yu.Ye., Kasparov, E.A., Labunets, I.A., Khvoshchinskaya, Z.G., Shakaryan, Y.G. Use of different turbine generators in steam/gas turbine and steam turbine electrical power plants 9114
Guriev, V.I. *see* Agroskin, V.Ya. 50223
Gurieva, T.M., Pronyakin, V.T. The methods of detection and the analysis of welded and brazed joint defects emerging during ITER components manufacturing 31013
Gurin, N.T., Sabitov, O.Yu. Hybrid thin-film, electroluminescent variable-current emitter 23689
Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N. Optimisation of a metal waveguide cavity for a submillimetre laser 44335
Gurin, V.S. *see* Malyarevich, A.M. 14386
Gurin, V.S. *see* Yumashev, K.V. 33612
Gurkan, K., Heanue, J.F., Hesselink, L. Data detection for page-access optical memories 3345
Gurla, H. *see* Bokka, V. 4970
Gurley, G. *see* Walters, D.A. 2857
Gurnell, A.W. *see* Cresswell, M.W. 32319
Gurnell, A.W. *see* Cresswell, M.W. 54746
Gurney, C. *see* Davenport, I.J. 50208
Gurnik, P., Harmatha, L. An assembly for diagnostics of semiconductor structures 54558
Gurov, I.P., Sheynihovich, D.V. Noise-immune phase-shifting interferometric system based on Markov nonlinear filtering method 25259
Gurov, I.P. *see* Vasiliev, V.N. 20559
Gurov, N.S. *see* Chuvychin, V.N. 19098
Gurov, S.V., Utkin, L.V. Reliability and optimization of systems with periodic modifications in the probability and possibility contexts 39942
Gurov, S.V. *see* Utkin, L.V. 39941
Gurova, A.E., Georgiev, V. P-Z transformations based on numerical integration methods 31037
Gurrola, P. *see* Leung, E.M.W. 60439
Gurski, R.J. *see* Arlitt, M.F. 47152
Gurskii, A.L., Lutsenko, E.V., Yablonskii, G.P., Kozlovsky, V.I., Krysa, A.B., Sollner, J., Schmoranzer, J., Heuken, M. ZnMgSSe heterostructures to improve the radiative properties of ZnSSe quantum wells grown by MOVPE 22364
Gurskii, A.L., Taudt, W., Lampe, S., Hamadeh, H., Sauerlaender, F., Germain, M., Basilavecchia, M., Evrard, R., Yablonskii, G.P., Heuken, M. Optical and electrical properties of MOVPE-grown ZnSe:N using triallylamine as a nitrogen precursor 40476
Gurskii, A.L. *see* Yablonskii, G.P. 55601
Gursky, R.J. *see* Kogan, V.I. 8925
Gursoy, H.N. Tetrahedral finite element mesh generation from NURBS solid models 636
Gurtler, P. *see* Hahn, U. 37069
Gurtler, S. *see* Bongiovanni, G. 44637
Gurtu, A. *see* Adam, A. 37280
Gurtu, A. *see* Auffray, E. 37281
Gurumurugan, K., Mangalaraj, D., Narayandass, S.K., Nakanishi, Y. DC reactive magnetron sputtered CdO thin films 871
Gurunathan, S., Fain, E., Damiano, R., Jr., Peng-Wie Hsia Synchronized defibrillation shock delivery based on endocardial ventricular fibrillation waveform analysis is lead dependent 49641
Gurunathan, S. *see* Peng-Wie Hsia 37824
Gururaja, J. *see* Kui-Nang Mak 28980
Gurvich, Yu.A. *see* Al'perovich, L.S. 54035
Gurvits, L. *see* Betke, M. 48901
Gur'yanov, A.N. *see* Dianov, E.M. 23492
Guryanov, A.N. *see* Dianov, E.M. 23812
Guryanov, A.N. *see* Dianov, E.M. 33041
Gur'yanov, A.N. *see* Dianov, E.M. 44375
Gusarov, A., Nguyen Hong Ky, Limberger, H.G., Salathe, R.P., Fox, G.R. High-performance optical phase modulation using piezoelectric ZnO-coated standard telecommunication fiber 13701
Guschin, E. *see* Alexeev, G. 59200
Guseinov, E.K. *see* Salmanov, V.M. 33608
Gusev, A.A. *see* Kayukov, S.V. 10053
Gusev, A.O., Paget, D., Aristov, V.Yu., Soukiassian, P., Berkovits, V.L., Thierry-Mieg, V. Combined reflectance anisotropy and photoemission spectroscopies of Cs/GaAs(001) interface formation 42264
Gusev, A.V. The sensitivity of parametric electrodynamic transducers of the modulator-demodulator type 36535
Gusev, A.V. Detection of a classical signal with unknown parameters in quantum noise of an electrodynamic transducer 48506
Gusev, A.V., Kulagin, V.V. Suppression of excess noise in electromechanical transducers when there is an arbitrary external force 36510
Gusev, D.A. *see* Sandler, E.A. 56844
Gusev, E.P., Lu, H.C., Gustafsson, T., Garfunkel, E. The initial oxidation of silicon: new ion scattering results in the ultra-thin regime 2378
Gusev, E.P. *see* Lu, H.C. 2346
Gusev, L.G. *see* Akimov, D.Yu. 37245
Gusev, L.I. Contributions of the Russian Institute of Space Device Engineering to the development of space electronics 49874
Gusev, L.I. *see* Vasil'ev, V.P. 44833
Gusev, O.B., Kuznetsov, A.N., Terukov, E.I., Bresler, M.S., Kudoyarova, V.K., Yassievich, I.N., Zakharchenya, B.P., Fuhs, W. Room-temperature electroluminescence of erbium-doped amorphous hydrogenated silicon 22203
Gusev, O.B. *see* Kulakov, S.S. 13744
Gusev, V.A. *see* Antsigin, V.D. 13684
Gusev, V.A. *see* Vasiliev, Ya.V. 30688
Gusev, V.G. New approach to making instruments for measuring the electrical impedance of biological tissues 18431
Gusev, V.G. Lateral-shift interference patterns in the two-exposure recording of Gabor holograms 24289
Gusev, V.G. Formation of holographic shearing interferograms by illuminating a frosted screen with coherent diffusely scattered radiation 44751
Guseva, E. *see* Naidenko, V. 28002
Guseva, M.B., Babaev, V.G., Khvostov, V.V., Ludena, G.M.L., Bregadze, A.Yu., Konyashin, I.Y., Alexenko, A.E. High quality diamond films on WC-Co surfaces 40609
Guseva, O.A. *see* Belous, M.V. 42068
Gusewell, D. *see* Barranco-Luque, M. 49012
Gushin, E. *see* Alyushin, M. 58621
Gushing, J. *see* Urnes, J.M., Sr. 59909
Gus'kov, S.Yu. *see* Bugrov, A.E. 55760
Guslyakov, V.T., Zenkevich, O.A., Anpilogov, V.R., Polyakov, A.G., Krylov, V.M., Kitaeva, T.M., Kovalenko, M.G. Operational gathering and transmission of television information 48222
Gusmano, G., Traversa, E., Montenero, A. Innovative humidity sensors based on ceramic thin films 58722
Gusmano, G. *see* Morten, B. 36460
Gusmao, A. *see* Dinis, R. 6514
Gusmeroli, V. *see* Cole, M.J. 26779
Gusmeroli, V. *see* Cole, M.J. 48024
Gusovskii, D.D. *see* Dianov, E.M. 23492
Gusovskii, D.D. *see* Dianov, E.M. 44375
Guss, W. *see* Schaefer, O. 33292
Guss, W.C. *see* Levush, B. 12097
Gussenhoven, E.J. *see* Bouma, C.J. 18382
Gussenhoven, E.J. *see* Li, W. 28189
Gussner, C.G. *see* Wu, P.B.J. 28328
Gusso, M., De Caro, L., Tapfer, L. Elastic lattice deformation and piezoelectric fields in wurtzite type II-VI semiconductor heterostructures 42122
Gust, W. *see* Kripesh, V. 1842
Gust, W. *see* Kripesh, V.P. 22077
Gustaffsson, S. *see* Porcellato, A.M. 49142
Gustafson, B. *see* Carlsson, N. 40336
Gustafson, B. *see* Weeks, R.J. 28604
Gustafson, D.A. Kansas State's SLICK WILLIE robot software 58487
Gustafson, I. *see* Puu, G. 27691
Gustafson, J.L. *see* Snell, Q.O. 57651
Gustafson, K.J., Sweeney, J.D., Gibney, J., Brandon, T.A. Functional conditioning of skeletal muscle ventricles 59788
Gustafson, S.C. *see* Ahmed, F. 15670
Gustafsson, A. *see* Biasiol, G. 737
Gustafsson, A. *see* Biasiol, G. 40484
Gustafsson, A. *see* Dwir, B. 40434
Gustafsson, A. *see* Ils, P. 44580
Gustafsson, B., Olsson, P. High-order centered difference methods with sharp shock resolution 10545
Gustafsson, B. *see* Gottlieb, D. 627
Gustafsson, E., Karlsson, G. A literature survey on traffic dispersion 46610
Gustafsson, F., Gunnarsson, S., Ljung, L. Shaping frequency-dependent time resolution when estimating spectral properties with parametric methods 45946
Gustafsson, F., Isaksson, A.J. Best choice of coordinate system for tracking coordinated turns 48088
Gustafsson, F. *see* Carlemalm, C. 26062
Gustafsson, J. Real-time non-intercepting ion-beam intensity monitoring 37098
Gustafsson, K., Soderlind, G. Control strategies for the iterative solution of nonlinear equations in ODE solvers 40201
Gustafsson, K. *see* Liu, J. 42634
Gustafsson, L., Marciniewski, P., Zernov, A. MADD – a fast multiplicity trigger system 7830
Gustafsson, L. *see* Ronnqvist, C. 59367
Gustafsson, M. *see* Eriksson, C. 5872

Gustafsson, M.G., Stepinski, T. Studies of split spectrum processing, optimal detection, and maximum likelihood amplitude estimation using a simple clutter model 60123
Gustafsson, R. *see* Oberg, A. 11795
Gustafsson, S. The introduction of UniSwitch in AXE 10 16500
Gustafsson, S. *see* Dainelli, A. 49138
Gustafsson, S. *see* Engstrom, M. 59305
Gustafsson, S. *see* Martin, R. 34635
Gustafsson, S. *see* Palmieri, V. 49140
Gustafsson, S.E. *see* Suleiman, B.M. 36540
Gustafsson, T. *see* Gusev, E.P. 2378
Gustafsson, T. *see* Lu, H.C. 2346
Gustafsson, T. *see* Zhou, J.B. 42655
Gustavson, D. Expand your view of the 'test value chain' to improve cost of test 30159
Gustavson, R. *see* Guenette, D.R. 6107
Gustavsson, A., Ulander, L.M.H., Andersson, L.-E., Frolind, P.-O., Hellsten, H., Jonsson, T., Larsson, B., Stenstrom, G. The experimental airborne VHF SAR sensor CARABAS. A status report 8338
Gustavsson, A. *see* Hellsten, H. 6949
Gustavsson, A. *see* Israelsson, H. 28676
Gustavsson, A.-C. *see* Pak, S. 39452
Gustavsson, D. *see* Jackson, P.O. 50525
Gustavsson, N. VDL Mode 4/STDMA–a CNS data link 57727
Gustavsson, T., Beckman-Suurkula, M. Videodensitometric measurements in contrast-echocardiology 49531
Gustus, J. *see* Norwood, R.A. 3390
Gutay, L.J. *see* Adam, A. 37280
Gutberlet, T. *see* Popescu, M. 42083
Gutbrod, H.H. *see* Badura, E. 37241
Gutbrod, H.H. *see* Tamulaitis, G. 3589
Gutekunst, T. *see* Karduck, A.P. 16408
Gutfleisch, O. *see* Yartys, V.A. 3052
Gutfreund, Y.-S. *see* Phuah, V. 35431
Guth, U. *see* Somov, S. 36782
Guthrie, D.K., Gaylord, T.K., Glytsis, E.N. Number and density of states in quantum semiconductor structures 9859
Guthrie, D.K., Harrell, L.E., Henderson, G.N., First, P.N., Gaylord, T.K., Glytsis, E.N., Leibenguth, R.E. Ballistic-electron-emission spectroscopy of Au/Si and Au/GaAs interfaces: low-temperature measurements and ballistic models 22447
Guthrie, G., Carter, M. User charges for Internet: the New Zealand experience 47084
Guthrie, J. *see* Agarwal, B. 53590
Guthrie, W. *see* Mondal, J. 41492
Guthrie, W.F. *see* Cresswell, M.W. 32319
Guthrie, W.F. *see* Cresswell, M.W. 54746
Gutierrez, A., Lopez, M.F., Garcia, I., Vazquez, A. X-ray absorption and Auger electron spectroscopy studies of the quality of diamond thin films grown by the oxy-acetylene flame method 30914
Gutierrez, A., Ryan, W.E. The performance of MLSD receivers on nonlinear satellite channels 6681
Gutierrez, A. *see* Azorin, J. 28480
Gutierrez, E. *see* Kenny, R.P. 48640
Gutierrez, F.R. *see* Li, D. 59477
Gutierrez, G. *see* Donoso, A. 42056
Gutierrez, J., Tang, D.Y., Weiss, C.O., Prati, F., Brambilla, M. Helical wave laser as an "optical transistor" 23749
Gutierrez, J. *see* de Salvador, L. 36231
Gutierrez, J. *see* Montano, J.C. 8802
Gutierrez, J. *see* Perez, J. 35938
Gutierrez, J.L. *see* Mayordomo, J.G. 38228
Gutierrez, J.M. A new semilocal convergence theorem for Newton's method 40203
Gutierrez, M.A., Furuie, S.S., Rebelo, M.S., Moura, L., Moro, C.M.C., Melo, C.P., Meneghetti, J.C. Quantification of myocardial kinematics in perfusion images from gated SPECT 49444
Gutierrez, M.L. *see* Guillard, R.P. 8720
Gutierrez, M.R. *see* Glinkowski, M.T. 38896
Gutierrez, M.T. *see* Gonzalez, N. 51579
Gutierrez, M.T. *see* Guillen, C. 51563
Gutierrez, M.T. *see* Martinez, M.A. 9544
Gutierrez, M.T. *see* Martinez, M.A. 41990
Gutierrez, R. Interworking scenarios between TINA and IN 26312
Gutierrez, R. *see* Decker, D.R. 31512
Gutierrez, R.C. *see* Tang, T.K. 59882
Gutierrez, R.C. *see* Wang, P.K.C. 23030
Gutierrez, S. *see* Barlow, S. 53767
Gutierrez, S.J. *see* Taylor, C.D. 45123
Gutierrez, T. *see* Colyer, B. 44984
Gutierrez Conde, P.M., Perez Santos, S. Design of comparator circuits. III. Behaviour of differential amplifier for small signals at low frequencies 1645
Gutierrez-Aitken, A. *see* Zhang, X. 44576
Gutierrez-Aitken, A.L., Yang, K., Zhang, X., Haddad, G.I., Bhattacharya, P., Lunardi, L.M. 16 GHz bandwidth InAlAs/InGaAs monolithically integrated pin-HBT photoreceiver 26734
Gutierrez-Aitken, A.L. *see* Syao, K.C. 47993
Gutierrez-Castrejon, R. *see* Hung, K.M. 44707
Gutierrez-Martinez, C., Porte, H., Goedgebuer, J.P., Sanchez-Rinza, B., Hauden, J. A microwave coherence-multiplexed optical transmission system on Ti:$LiNbO_3$ integrated optics technology 36080
Gutierrez-Vera, J. Trends of renewables in Mexico 28979
Gutjahr, A. *see* Banhart, F. 751
Gutjahr, A. *see* Konuma, M. 10686
Gutjahr, A. *see* Silier, I. 10773
Gutjahr, A. *see* Silier, I. 30759
Gutjahr, K. *see* Tong, Q.-Y. 42347
Gutkin, M.Yu. *see* Argunova, T.S. 12792
Gutleben, C.D. *see* Isobe, C. 52799
Gutlerrez, M.T. *see* Carabe, J. 17350
Gutman, A.I. *see* Mazhbich, B.I. 59603
Gutman, E.J., Hartmann, G.C. Study of the conductive properties of two-component xerographic developer materials 33225
Gutman, G. *see* Ball, A. 22029
Gutman, R., Wagenaar, L.B. EHV transformer bank unbalance: practical issues and solutions 9298
Gutmann, A. *see* Azuma, T. 32282
Gutmann, B., Wolf, T., Weber, H., Ferre-Borrull, J., Bosch, S., Vallmitjana, S. Improvement of the discrimination capability of correlation techniques by the use of fuzzy logic 45718
Gutmann, B. *see* Wolf, T. 10990
Gutmann, B. *see* Wolf, T. 15753
Gutmann, P. *see* Hebrank, F.X. 23408
Gutmann, P. *see* Muller, F. 27215
Gutmann, R. *see* Ehsani, H. 10749
Gutmann, R. *see* Ehsani, H. 32968
Gutmann, R.J. *see* Bhat, I.B. 20077
Gutmann, R.J. *see* Hu, Y.Z. 42440
Gutmann, R.J. *see* Neirynck, J.M. 40682
Gutnik, V., Chandrakasan, A. An efficient controller for variable supply-voltage low power processing 1134
Gutnik, V. *see* Chandrakasan, A. 11476
Gutnikov, Yu.E. *see* Belikov, S.V. 28029
Gutowski, J., Diessel, A., Neukirch, U., Weckendrup, D., Wundke, K., Jobst, B., Hommel, D., Ferreira, S.O., Sitter, H. Ultrafast dynamics of excitons and lasing in II-VI quantum well structures 23917
Gutsche, D. *see* Kurpas, P. 42964
Gutt, G. *see* Buchman, S. 7545
Gutta, S., Huang, J., Wechsler, H., Takacs, B. Face recognition using hybrid systems 57378
Guttierez Conde, P.M. *see* Herrero Martin, P. 2562
Guttman, J.L. *see* Kaune, W.T. 49810
Guttman, R.L., Zerhouni, E.A., McVeigh, E.R. Analysis of cardiac function from MR images 28084
Guttmann, C.R.G. *see* Oshio, K. 7884
Guttormsen, M. *see* Berg, M. 37259
Guu Sy-Ming *see* Sy-Ming Guu
Guu-Chang Yang Asynchronous fast frequency-hopping CDMA cellular systems 6534
Guu-Chang Yang, Kwong, W.C. Multi-wavelength optical orthogonal codes 34628
Guuinic, P. *see* Fois, M. 54878
Guuinic, P. *see* Hudon, C. 9127
Guunic, P. *see* Drommi, J.-L. 60673
Guven, N., Ozay, N., Tunah, E. GIS based outage analysis system for electric distribution networks 8872
Guy, A., Guy, I. Hysteresis in ultrathin ferroelectric polymer films observed by capacitance versus voltage measurements 54925
Guy, C.G. *see* Shirsavar, S.A. 29321
Guy, F.W. *see* Swenson, D.A. 49027
Guy, G., Medioni, G. Inferring global perceptual contours from local features 5497
Guy, I. *see* Guy, A. 54925
Guy, M.J., Chernikov, S.V., Taylor, J.R., Moodie, D.G., Kashyap, R. A flexible, pulsewidth tuneable 0.2-20 ps, 10 GHz source of transform-limited pulses for high bit rate OTDM/WDM transmission systems 26758
Guy, M.J., Taylor, J.R., Moodie, D.G., Kelly, A.E. 10 GHz 3 ps actively mode-locked ring laser incorporating a semiconductor laser amplifier and an electroabsorption modulator 14103
Guy, S. *see* Shepherd, D.P. 23808
Guyader, P., Abouliatim, A., Guendouz, M., Sarret, M., Joubert, P. N-type polycrystalline silicon for luminescent porous silicon films 13810
Guyader, P.Le *see* Le Guyader, P.
Guyaux, J.-L., Lambin, P., Lange, M.D., Sporken, R., Thiry, P.A., Caudano, R. Ultra-thin AlAs films on GaAs(001) investigated by high-resolution electron-energy-loss spectroscopy 2120
Guyenot, V., Eberhardt, R., Tittelbach, G., Risse, S. Mounting, cementing and handling of microoptical elements 10150
Guyomar, D. *see* Aurelle, N. 13367
Guyot, A. *see* Ribas, R.P. 31209
Guyot, A. *see* Ribas, R.P. 53204
Guyot, A. *see* Tchoumatchenko, V. 11437
Guyot, M. *see* Lisfi, A. 3166
Guyot, P. *see* Busseuil, J. 49907
Guyot, Y. *see* Melinon, P. 40534
Guyot, Y. *see* Moncorge, R. 3991
Guyot-Sionnest, P. *see* Dhirani, A. 41699
Guzelis, C. *see* Celebi, M.E. 25534
Guzelis, C. *see* Genc, I. 34757
Guzelis, C. *see* Genc, I. 45835
Guzelis, C. *see* Yalcin, M.E. 35100
Guzev, M.A., Popov, G.V. Statistical characteristics of a point-source field in a randomly stratified medium in the absence of regular refraction 14544
Guzev, M.A., Popov, G.V. Statistical characteristics of waves in random layered medium in presence of regular refraction 14576
Guzhov, V.I., Kozachok, A.G., Nechaev, V.G. Measuring the strains of diffuse surfaces by digital speckle-interferometry 7646
Guziewicz, M. *see* Piotrowska, A. 13899
Guziewocz, E., Orlowski, B.A., Kowalski, B.J., Barrett, N., Martinotti, D., Guillot, C., Lacharme, J.-P., Sebenne, C.A. $Cd_{1-x}Fe_xSe$/Fe interface formation observed by means of photoemission spectroscopy 12528
Guzik, T.G. *see* Macri, J.R. 37355
Guzinski, A., Kielbasinski, A. Current-mode digital circuits operating in mixed analogue-digital systems 1628
Guzinski, A., Kielbasinski, A., Strzeszewski, B., Kulej, T., Pietrenko, W. Silicon implementation of the CCDCS-G in CMOS technology 1571
Guzman, A., Daqing Hou, Zocholl, S.E. Transformer modeling as applied to differential protection 19799
Guzman, A.M. *see* Torres, P. 44414
Guzman, M.I.Gimenez de *see* Gimenez de Guzman, M.I.
Guzman, V.M., Gimenez de Guzman, M.I. A modified J3 model for GTO simulation with SPICE 42972
Guzman, V.M. *see* Fernandez, H. 53029
Guzman, V.M. *see* Regidor, J.C. 51159
Guzzi, M. *see* Bignazzi, A. 30817
Guzzi, M. *see* Brusaferri, L. 12378
Guzzi, M. *see* Galbiati, N. 12275
Guzzi, M. *see* Galbiati, N. 22518
Guzzo, P.L., Besson, R.J., Mansfeld, G.D. Composite resonator spectroscopy of quartz ferrobielastic twinning under uniaxial stress 23279
Guzzo, P.L. *see* Boy, J.J. 13238
Gvozdev, V.I., Kuzaev, G.A., Linev, A.A., Nazarov, I.V. Sensor for measuring the permittivity of a medium in closed systems 17293
Gvozdev, V.I., Petrov, A.S. Conceptual classification of microwave filters: A review 31485
Gvozdev, V.N., Iovdalskii, V.A., Linev, A.A. Phase method for monitoring the permittivity of different media 48831
Gvozdic, D.M. Nonstationary response of MSM photodetectors 7319
Gvozdic, D.M. Analysis of transfer function of metal-semiconductor-metal photodetector equivalent circuit 27569
Gvozdic, D.M., Radunovic, J.B. Application of conformal mapping in modelling the response of an MSM photodetector 58763
Gvozdic, D.M. *see* Matavulj, P.S. 23674
Gwan Wan Ki *see* Ki Gwan Wan
Gwan-Chong Joo *see* Nara Hwang 3842
Gwan-Soo Park, Sang-Cheol Scol, Kyeong-Jin Lee, Taek-Dong Lee, Hak-Young Lee, Jung-Woo Lee, Song-Yop Hahn Practical method to obtain the particle density distribution in scalar Preisach model 43704
Gwanchong Joo *see* Haksoo Han 58391
Gwang Seon Ahn *see* Woo Jung Son 27407
Gwang-Hoon Park *see* Joo-Hee Moon 35197
Gwang-Won Kim *see* Young Moon Park 50653
Gwarek, W. *see* Novikova, I. 31457
Gwarek, W.K. *see* Celuch-Marcysiak, M. 34158
Gwark Jae-Young *see* Jae-Young Gwark
Gwee, C.L. *see* Kacejko, P.A. 19285
Gwennap, L. Birth of a chip 11457
Gwi-Tae Park *see* Nam-Jeong Kim 9602
Gwi-Tae Park *see* Soon-Won Jung 474
Gwi-Yeol Kim, Seung-Wook Eom, Seong-In Moon Generation characteristics of unit cell for molten carbonate fuel cell 51497
Gwiasda, J. *see* Simon, J. 17618
Gwiasda, M. *see* Kloeser, J. 53829
Gwilliam, B.L. *see* Zhang, J. 8414
Gwilliam, R. *see* Apiwatwaja, R. 32130
Gwilliam, R.M. *see* Chen, S.-M. 54276
Gwinn, E.G. *see* Markelz, A.G. 22300
Gwo-Ching Chang, Jer-Junn Lub, Gon-Der Liao, Jin-Shin Lai, Cheng-Kung Cheng, Bor-Lin Kuo, Te-Son Kuo A neuro-control system for the knee joint position control with quadriceps stimulation 49790
Gwo-Chung Tai, Korman, C.E., Mayergoyz, I.D. Simulation of the logic switching characteristics of hot-carrier-degraded ultra-thin SOI CMOS inverters 1284
Gwo-Hshiung Tzeng, Teodorovic, D., Ming-Jiu Hwang Fuzzy bicriteria multi-index transportation problems for coal allocation planning of Taipower 8790
Gwo-Jiunn Jaw *see* Keh-Yi Lee 23504
Gwo-Sheng Peng, Chien-Ming Wu, Yeu-Jong Huang The displacement measurement of a shaker in an accelerometer calibration system 48935
Gwo-Sheng Peng *see* Sheau-Shi Pan 27200
Gwon lee Hae *see* Hae Gwon lee
Gwon-Jong You *see* Hon-Sung Kim 60593
Gwon-Jong Yu, Myung-woong Jung, Jinsoo Song, In-Su Cha, In-Ho Hwang Maximum power point tracking with temperature compensation of photovoltaic for air conditioning system with fuzzy controller 51589
Gwon-Jong Yu *see* In-Su Cha 19778
Gwonjong Yoo *see* Kim, S. 38661
Gwozdz, M. *see* Frackowiak, L. 8750
Gwoziecki, R. *see* Bouillon, P. 43293
Gwyn, B. *see* Bo, Z.Q. 19391

Gwyn, B.J., Booth, C., Lai, L.L. The use of artificial neural networks to classify faults from digital fault records 19080
Gwynllyw, D.R., Phillips, T.N. Preconditioned iterative methods for unsteady non-Newtonian flow between eccentrically rotating cylinders 556
Gye Mo Yang Vertical-cavity surface-emitting lasers with oxide current aperture 14165
Gye Mo Yang *see* Dapkus, P.D. 23924
Gye Mo Yang *see* Dapkus, P.D. 33555
Gye-Young Kim *see* Dae-Sik Jang 25178
Gye-Young Kim *see* Hyung-Il Choi 46161
Gye-Young Kim *see* Surk-Woo Jang 25766
Gyeong Chang Ho *see* Ho Gyeong Chang
Gyergyek, T., Cercek, M., Stanojevic, M. Analytical and numerical solutions of the van der Pol equation 31138
Gyeyoung Lee *see* Lee Gyeyoung
Gyftodimos, G. *see* Anagnostopoulos, D. 47129
Gygax, J. *see* Ning Wang 17015
Gyi Huang Lin *see* Huang Lin Gyi
Gyimesi, F. *see* Fuzessy, Z. 4132
Gyimesi, F. *see* Fuzessy, Z. 14418
Gyires, T., Muthuswamy, K. A bidirectional search approach for restoring circuits in communication networks 35764
Gynderov, D.V. *see* Popov, A.G. 3108
Gyongy, L. *see* Jobbagy, A. 37717
Gyoo Lee Chun *see* Chun Gyoo Lee
Gyoo-Seok Choi, Soon Park, Kwang-Bang Woo Using the paging network to develop the ATIS 58230
Gyorffy, B.L. *see* Sipr, O. 43806
Gyori, C., Trosztel, I., Horche, W. 2F-LBLOCA analyses for the Paks NPP with the system code ATHLET 8996
Gyorki, J.R. Design secrets of switched-reluctance motors 9186
Gyoung-Pyo Hong *see* Hyun-Ki Hong 60161
Gyoyoung Jin, Kan, E.C., Dutton, R.W. A new practical method to include recombination-generation process in self-consistent Monte Carlo device simulation 12860
Gyr, M. *see* Elsener, K. 49261
Gys, L., Mottram, A. Intelligent networks: looking beyond the boundaries of the product 6298
Gysel, H. *see* Lin, B.C. 6860
Gyselinckx, B., Engels, M., Bolsens, I. A flexible direct sequence integrated receiver with ARM core 16547
Gysen, H.van *see* van Gysen, H.
Gytre, T., Nilsen, J.E.O., Stiansen, J.E., Sundby, S. Resolving small scale turbulence with acoustic Doppler and acoustic travel time difference current meters from an underwater tower 50108
Gyu Chae Byung *see* Byung Gyu Chae
Gyu Hyeong Cho *see* Jae Hoon Jeong 53058
Gyu Lee Jang *see* Jang Gyu Lee
Gyu Lee Jang *see* Lee Jang Gyu
Gyu Park In *see* In Gyu Park
Gyu Rho Young *see* Young Gyu Rho
Gyu Roh Bueong *see* Bueong Gyu Roh
Gyu Ug Kim *see* Sakai, H. 23741
Gyu-Chang Jun, Sung-Lae Cho, Ki-Bum Kim, Hyun-Koock Shin, Do-Heyoung Kim Low temperature deposition of TaCN films using pentakis(diethylamido)tantalum 42259
Gyu-Chul Yi, Wessels, B.W. Compensation of n-type GaN 2020
Gyu-Ha Choe *see* Geum-Bae Cho 29516
Gyu-Ha Choe *see* Hon-Sung Kim 60593
Gyu-In Jee *see* Chansik Park 17003
Gyu-Sik Kim A study on the parameter identification of induction motors 9206
Gyu-Sik Kim, Chung-Hyuk Yim, Chang-Hwan Kim Decoupling control of induction motors with motor parameter identification 29312
Gyu-Tak Kim, Young-Dae Son Variable structure vector controller design for position control of single-sided linear induction motor 61151
Gyugyi, L., Schauder, C.D., Sen, K.K. Static synchronous series compensator: a solid-state approach to the series compensation of transmission lines 38354
Gyulai, J. *see* Csepregi, L. 21235
Gyulai, J. *see* El-Sherbiny, M.A. 12650
Gyulai, J. *see* Peto, G. 30747
Gyun Jeong Young *see* Young Gyun Jeong
Gyun Shin Yu *see* Yu Gyun Shin
Gyung-Suk Kil *see* Duk-Kyu Jeon 27807
Gyungho Lee *see* Sangyeun Cho 16095
Gyungho Lee *see* Young-Keun Park 46654
Gyungho Lee *see* Young-Keun Park 58079
Gyuot, M. *see* Nedkov, I. 23340
Gyurcsik, R.S. *see* Davis, J.C. 910
Gyurcsik, R.S. *see* Davis, J.C. 39862
Gyurcsik, R.S. *see* Montalvo, A.J. 41369
Gyurcsik, R.S. *see* Montalvo, A.J. 41380
Gyuresik, R.S. *see* Gardner, M.M. 20829
Gyuro, I. MOVPE for InP-based optoelectronic device application 40379
Gyuseong Cho *see* Ho Kyung Kim 18121
Gyvez, J.P.de *see* de Gyvez, J.P.
Gyvez, J.Pineda De *see* Pineda De Gyvez, J.
Gzlo Ping, Sun YinGuan, Liu DaHe Image segmentation by a multilayer neural network 46402
H., V.R.Garcia-Colon *see* Garcia-Colon H., V.R.
Ha, C.S. *see* Lee, J.G. 23695
Ha, H. *see* Vittal, A. 11107
Ha, I.J. *see* Lee, S.H. 9243
Ha, J. *see* Liang, J. 25483
Ha, J.C., Duryea, J., Davis, C., Bush, J. Fiber optic rate gyros 27618
Ha, Q.P., Negnevitsky, M. A neural network-based controller for servo drives 51668
Ha, S.H. *see* Lee, J.-W. 32859
Ha, S.H. *see* Lee, J.-W. 43682
Ha, T.M. On functional relation between class-selective rejection error and average number of classes 15750
Ha, T.T., Borchardt, R.L., Eui-Sik Hwang Direct detection optical systems employing OOK modulation and error correction codes 26684
Ha, T.T. *see* Studer, J.A. 26686
Ha Bong-Chul *see* Bong-Chul Ha
Ha Eun-Joo *see* Eun-Joo Ha
Ha Eunyong *see* Eunyong Ha
Ha Heon Phil *see* Heon Phil Ha
Ha Hoi-Doo *see* Hoi-Doo Ha
Ha Jae-Geun *see* Jae-Geun Ha
Ha Jung-Ik *see* Jung-Ik Ha
Ha Jungsoo *see* Jungsoo Ha
Ha Kim Kyoung *see* Kyoung Ha Kim
Ha Kwon Tae *see* Tae Ha Kwon
Ha Kyeong Bong *see* Kyeong Bong Ha
Ha Kyong Bong *see* Kyong Bong Ha
Ha Lee Kyung *see* Kyung Ha Lee
Ha Lim Byung *see* Byung Ha Lim
Ha Nam Kyu *see* Nam Kyu Ha
Ha Nguyen Hong *see* Nguyen Hong Ha
Ha Park Seok *see* Seok Ha Park
Ha Soonhoi *see* Soonhoi Ha
Ha Su-Ho *see* Su-Ho Ha
Ha Yeong-Ho *see* Yeong-Ho Ha
Ha Yong-Min *see* Yong-Min Ha
Ha Young-Il *see* Young-Il Ha
Ha-Jine Kimn *see* Su Sun Kim 15811
Ha-Jong Sung *see* Sung Ha-Jong
Ha-Kyun Kim *see* Kyoung-Yul Bae 40027
Ha-Soo Kim, Sung-Hoon Lee, Hee-Chul Lee, Choong-Ki Kim CdTe is deposited by electron-beam evaporation on the bulk $Hg_{1-x}Cd_xTe$ 30898
Haacke, E.M. *see* Kuppusamy, K. 37759
Haacke, E.M. *see* Lai, S. 18281
Haacke, E.M. *see* Li, D. 59477
Haacke, S. *see* Haddab, Y. 2714
Haag, J. *see* Schlichting, W. 43918
Haag, M., Frank, T., Kollnig, H., Nagel, H.-H. Influence of an explicitly modelled 3D scene on the tracking of partially occluded vehicles 46418
Haage, B. *see* Dahms, U. 55325
Haagen, F.D.M. *see* Dijk, W.A. 49838
Haak, K.F.I., van den Berg, P.M., Kleinman, R.E. Modified gradient profile inversion using multi-frequency data 34037
Haak, K.F.I. *see* Van Stralen, M.J.N. 55250
Haake, F. *see* Puri, R.R. 23723
Haake, K. *see* Reichenbach, S.E. 5042
Haaksma, J., Brouwer, J., van den Berg, M.P., Dijk, W.A., Dassen, W.R.M., Mulder, L.J.M., Mulder, G., Crijns, H.J.G.M. Effects of metronome breathing on the assessment of autonomic control using heart rate variability 37772
Haaksma, J. *see* Dassen, W.R.M. 49642
Haaland, P., McKibben, J., Parodi, M. Fundamental constraints on thin-film coatings for flat-panel display manufacturing 17667
Haan, G.de *see* de Haan, G.
Haan, P.De *see* De Haan, P.
Haapala, D.R. Potential of enhanced vision for airport terminal and surface operations 18750
Haapalainen, J. *see* Alanen, J. 37609
Haar Romeny, B.M.Ter *see* Ter Haar Romeny, B.M.
Haardt, M. Structured least squares to improve the performance of ESPRIT-type algorithms 45757
Haardt, M., Nossek, J.A. Structured least squares to improve the performance of ESPRIT-type high-resolution techniques 25021
Haardt, M. *see* Mathews, C.P. 4883
Haaren, B.van *see* van Haaren, B.
Haaren, M.Van *see* Van Haaren, M.
Haarpaintner, G. *see* Griffin, P.R. 3601
Haas, A. *see* Gluck, M. 31495
Haas, A.P.de *see* de Haas, A.P.
Haas, D.G., Siefring, C.L., Baumback, M.M., Rodriguez, P. Space-flight digital signal processor system for on-board processing of experiment data 1433
Haas, E.de *see* de Haas, E.
Haas, J. Controlled impedance multilayers: requirements and trends in calculation, production and testing 11948
Haas, J.T.M.de *see* de Haas, J.T.M.
Haas, M., Lehner, G. Inverse 2D obstacle scattering by adaptive iteration 45074
Haas, M. *see* Franken, P. 8829
Haas, M.W. *see* Hettinger, L.J. 59935
Haas, N. *see* Bolle, R.M. 25479
Haas, O. *see* Muller, S. 60993
Haas, O. *see* Schlatter, C. 9490
Haas, R., Hargefeld, J., Moeller, D.P.F. A new approach to fuzzy clustering 46344
Haas, S.De *see* De Haas, S.
Haas, V. *see* Franceschi, J.L. 58977
Haas, W., Kugi, A., Weinhofer, J. Control of electric drives. II. Linear design methods 9605
Haas, W. *see* Kugi, A. 9604
Haas, Z.J. Location-independent access in mobile systems 6083
Haas, Z.J., Chih-Peng Li The multiply-detected macrodiversity scheme for wireless systems 47650
Haas, Z.J. *see* Chih-Peng Li 47800
Haas, Z.J. *see* Ganz, A. 36029
Haase, A. *see* Eichler, H.J. 14032
Haase, A. *see* Eichler, H.J. 33439
Haase, A. *see* Jakob, P.M. 7987
Haase, M. *see* Bechtel, H. 13829
Haase, M. *see* Bechtel, H. 58942
Haase, M. *see* Kiesel, A. 7570
Haase, M.A. *see* Grillo, D.C. 3907
Haaspasaari, M. *see* Walker, S. 49512
Haavengen, B., Olsen, D.H., Sena, J.A. The value chain component in a decision support system: a case example 113
Haavisto, P. *see* Collander, P. 16392
Haavisto, P. *see* Helsingius, M. 15927
Haavisto, P. *see* Ruikang Yang 15123
Haba, B., Morishige, Y. Laser cutting in packaging films using visible laser 10158
Haba, B., Morishige, Y., Kishida, S. Novel technique of through-hole laser drilling in teflon 44834
Haba, J. *see* Kawasaki, T. 59287
Haba, J. *see* Miyata, H. 37384
Haba, J. *see* Senyo, K. 37386
Habara, H. *see* Nanto, H. 36767
Habara, K. *see* Sasayama, K. 47915
Habara, K. *see* Yamada, Y. 47491
Habara, M. *see* Nanto, H. 17584
Habara, M. *see* Nanto, H. 27737
Habas, P., Prijic, Z., Pantic, D., Stojadinovic, N.D. Charge-pumping characterization of SiO_2/Si interface in virgin and irradiated power VDMOSFETs 12919
Habash, R.W.Y., Kumar, A. Fields due to open-ended waveguide applicators for microwave hyperthermia 8097
Habazaki, H., Skeldon, P., Ghidaoul, D., Lyon, S.B., Shimizu, K., Thompson, G.E., Wood, G.C. A high-resolution, analytical study of the anodic film formed on GaAs in a tungstate electrolyte 2340
Habel, R. *see* Blochwitz, S. 13256
Haber, C. *see* Antos, J. 37373
Haber, C. *see* Azzi, P. 37390
Haber, C. *see* DeWitt, J. 59243
Haber, C. *see* Sadrozinski, H.F.W. 37399
Haber, C. *see* Unno, Y. 37395
Haber, H.L. *see* Wu, C.C. 49649
Haber, I., Callahao, D.A., Celata, C.M., Fawley, W.M., Friedman, A., Grote, D.P., Langdon, A.B. PIC simulation of short scale-length phenomena 18035
Haber, I., Callahan, D.A., Friedman, A., Grote, D.P., Kehne, D., Langdon, L.A.B., Reiser, M., Rudd, H., Suk, H., Wang, D.X., Wang, J.G. Maryland Transport Experiment. Comparison to theory and simulation 18026
Haber, I., Callahan, D.A., Friedman, A., Grote, D.P., Langdon, A.B. Transverse-longitudinal temperature equilibration in a long uniform beam 59125
Haber, I. *see* Grote, D.P. 59129
Haber, S. *see* Franklin, M. 4536
Haberem, W. *see* Grillo, D.C. 3907
Haberern, K. *see* Chao, L.-L. 33559
Haberkorn, W. *see* Burghoff, M. 28318
Haberl, F. *see* Gaugitsch, M. 3492
Haberl, F. *see* Hofer, M. 33412
Haberland, M. Ferro-electric RAMs: memories without charge carriers 41129
Haberle, A. *see* Voss, K. 50852
Haberli, A., Schneider, M., Malcovati, P., Castagnetti, R., Maloberti, F., Baltes, H. Two-dimensional magnetic microsensor with on-chip signal processing for contactless angle measurement 17337
Haberli, A. *see* Baltes, H. 7316
Haberli, A. *see* Metz, M. 48485
Haberli, A. *see* Schneider, M. 48484
Haberli, A. *see* Schroth, A. 27456
Habermalz, E. *see* Evertsz, C.J.G. 49449
Habermann, W., John, P., Matschiner, H., Spaehn, H. Partially selective semiconductor redox electrodes 48989
Habermehl, S., Lucovsky, G. Ion-surface interactions in low temperature silicon epitaxy by remote plasma enhanced chemical-vapor deposition 10727
Haberstok, C. *see* Klingele, H. 48945
Haberstroh, C. *see* Kauschke, M. 49025
Habetler, T.G. *see* Schoen, R.R. 29337
Habetler, T.G. *see* Schoen, R.R. 51026
Habib, A.W., Goldman, R.N., Lyche, T. A recursive algorithm for Hermite interpolation over a triangular grid 518
Habib, I., Tarraf, A., Saadawi, T. A neural network controller for congestion control in ATM multiplexers 47354
Habib, I. *see* Meng, W. 6119
Habib, I. *see* Tarraf, A. 47224
Habib, I.W. *see* Youssef, S.A. 5720
Habib, I.W. *see* Youssef, S.A. 25854
Habib, K. Measurement of the double layer capacitance of aluminium samples by holographic interferometry 14478
Habib, K. Measurement of the AC impedance of aluminium samples by holographic interferometry 33746

Habib, K., Al-Sabti, F., Al-Mazedi, H. Optical corrosion meter 31018
Habib, N. *see* Naguib, K. 37527
Habibi, M. *see* Stolinski, C.A. 19835
Habiby, S.F., Soulliere, M.J. WDM standards: A first impression 6811
Habich, U. *see* Bartels, H. 55780
Habich, U. *see* Hertzler, C. 13934
Habiger, C. *see* Ammann, D. 22109
Habiger, C. *see* Peacock, C. 22106
Habiger, C. *see* Thiel, A. 22110
Habiger, E. Electromagnetic compatibility (EMC)–indispensable dimension in the techno-ecological system of operation of modern industrial companies 14626
Habiger, E., Vick, R. ESD immunity testing–ways to more reproducible test results as well as urgently needed alterations and supplements in a future rework of the existing basic standard 14631
Habong Chung *see* Jong-Seon No 24622
Habrard, M.-C. *see* Arrighi, C. 7816
Habs, D. *see* Madert, M. 49186
Habuchi, H., Hosaka, S. Bit error rate of bi-orthogonal systems considering synchronization performance 26467
Habuchi, H., Takebayashi, T., Hasegawa, T. Analysis of BER performance of the spread spectrum communication system with constrained spreading code 26489
Habuchi, H. *see* Ohuchi, K. 26468
Habuka, H., Nagoya, T., Mayusumi, M., Katayama, M., Shimada, M., Okuyama, K. Model on transport phenomena and epitaxial growth of silicon thin film in $SiHCl_3$-H_2 system under atmospheric pressure 12155
Hac, A., Chengdi Sheng User mobility management in PCS network: hierarchical databases and their placement 47772
Hac, A., Dongchen Lu Performance analysis of a multimedia conference system 6313
Haccoun, D., Lefrancois, S., Mehn, E. An analysis of the CDMA capacity using a combination of low rate convolutional codes and PN sequence 16575
Haccoun, D. *see* Chan, F. 45522
Haccoun, D. *see* Hebert, M. 47884
Hach, C.T., Cerqua-Richardson, K., Varner, J.R., Lacourse, W.C. Density and microhardness of As-Se glasses and glass fibers 55157
Hache, A., Kostoulas, Y., Atanasov, R., Hughes, J.L.P., Sipe, J.E., van Driel, H.M. Observation of coherently controlled photocurrent in unbiased, bulk GaAs 22245
Hache, F. *see* Maleck Rassoul, R. 55824
Hachem, A. *see* Hedayat, C.D. 40961
Hachicha, A. *see* Adimi, D. 57730
Hachigo, A., Richie, S.M., Malocha, D.C. Characteristics of ZnO/diamond/Si SAW resonators 13382
Hachiro, T. *see* Hayashi, T. 29669
Hachiya, I. *see* Yasunaga, M. 21851
Hachiya, I. *see* Yasunaga, M. 31428
Hachiya, J. *see* Ichikawa, T. 7890
Hachiya, K., Saito, T., Nakata, T., Tanabe, N. Enhancement of parallelism for tearing-based circuit simulation 40834
Hachman, J.T. *see* Bonivert, W.D. 21327
Hachol, A., Dziuban, J., Bochenek, A. Ophthalmic tonometer with silicon micromachined structure 37613
Hachtel, G. *see* Woohyuk Lee 11341
Hachtel, G.D., Macii, E., Pardo, A., Somenzi, F. Markovian analysis of large finite state machines 21626
Hachtel, G.D. *see* Bahar, R.I. 11030
Hachtel, G.D. *see* Hyunwoo Cho 21624
Hachtel, G.D. *see* Hyunwoo Cho 21625
Hachtel, G.D. *see* Pardo, A. 21442
Hachtel, G.D. *see* Ravi, K. 31246
Hachulski, J. Hardware and equipment for the distribution lines with insulated conductors 60409
Hacinliyan, A. *see* Guclu, C. 28267
Haciyev, F. *see* Atag, S. 17963
Hack, M. *see* Jacunski, M.D. 12953
Hack, R. *see* Batchelor, B.G. 35162
Hack, R. *see* Batchelor, B.G. 35164
Hack, R. *see* Jones, A.C. 35120
Hack-Seong Kim *see* Duk-Heon Kim 51672
Hack-Yoon Kim, Asano, F., Suzuki, Y., Sone, T. Speech enhancement based on amplitude estimation with two-channel beamformer 24834
Hackam, R. *see* Deng, H. 32734
Hackam, R. *see* Deng, H. 32745
Hackam, R. *see* Hui Deng 50612
Hackam, R. *see* Tokoro, T. 8934
Hackam, R. *see* Tokoro, T. 38406
Hackathorn, R. Web-enabled database: the Microsoft approach 6065
Hackbarth, T. *see* Alekseev, E. 41438
Hackbarth, T. *see* Gluck, M. 31495
Hackbusch, W. On the feedback vertex set problem for a planar graph 40194
Hackbusch, W., Sauter, S.A. Composite finite elements for the approximation of PDEs on domains with complicated micro-structures 30676
Hacke, P. *see* Feuillet, G. 40306
Hackenberger, W.S., Shrout, T.R., Pickrell, D.P. Piezoelectric thick films for ultrasonic transducer arrays 60111
Hackenbroich, G., Von Oppen, F. Quantum corrections to the conductivity and periodic orbits: integrable systems 22395
Hacker, J.B. *see* Jayakumar, A. 47942
Hacker, M.J. Very low profile copper foils 11955
Hackett, J.P. *see* Burriesci, L.G. 28545
Hackett, K. *see* Hendricks, K. 11231
Hackiewicz, H. New trends in surface mount technology 10109
Hacklander, T., Hofer, M., Reichenbach, J.R., Rascher, K., Furst, G., Modder, U. Cerebral blood volume maps with dynamic contrast-enhanced T1-weighted FLASH imaging: normal values and preliminary clinical results 7883
Hacklander, T., Reichenbach, J.R., Weule, J., Modder, U. An efficient and robust PC program to calculate MR based regional cerebral blood volume maps 37699
Hackman, C., Parker, T.E. Noise analysis of unevenly spaced time series data 59039
Hackmann, E.K. Decontamination and decommissioning of small-bore pipe 19498
Hacksel, P. *see* Kadar, L. 39425
Hackworth, D.T. *see* Arai, Y. 37267
Hackworth, D.T. *see* Arai, Y. 37268
Hackworth, D.T. *see* Christianson, O.R. 51623
Hada, H., Morita, T., Yano, T., Kaneko, W., Yajima, A. Development of 26 cm (10.4-inch) TFT color LCD for factory automation equipment 36805
Hada, H. *see* Koga, H. 41166
Hada, K., Shibata, T., Nishihara, T., Shiozawa, S. Universally applicable design concept of stably controlling an HTGR-hydrogen production system 38504
Hada, T. *see* Pesce, A. 21694
Hadad, D. *see* Tung-Sheng Chen 41539
Hadam, B. *see* Gondermann, J. 23008
Hadam, B. *see* Gondermann, J. 43039
Hadam, B. *see* Koster, T. 43132
Hadama, H. *see* Mun Choon Chan 35553
Hadama, H. *see* Yamashita, A. 46908
Hadano, R.Y. *see* Vilas-Boas, J.W.S. 17013
Hadar, O., Gersten, E., Weitzman, D.A., Arbel, D. Image reconstruction from power spectral data 15944
Hadar, O., Robbins, M., Novogrozky, Y., Kaplan, D. Image motion restoration from a sequence of images 5512
Hadavi, M.H., Modarres, M., Fakory, M.R. Reliability assessment and monitoring the effectiveness of maintenance in nuclear power plants 9054
Haddab, Y., Bonard, J.-M., Haacke, S., Deveaud, B. Optimum channel thickness of $Al_{0.3}Ga_{0.7}As/In_{0.25}Ga_{0.75}As/GaAs$ heterostructures for electron transport applications 2714
Haddab, Y. *see* Meneghesso, G. 2703
Haddab, Y. *see* Meneghesso, G. 54694
Haddad *see* Syao, K.C. 47993
Haddad, A. *see* Benzaoua, F.S. 19415
Haddad, E. Optimizing the bandwidth and energy of signals with prespecified zero-crossings 4830
Haddad, G.I., Eisele, H. Recent advances in the performance of GaAs- and InP-based two-terminal devices as high-power millimeter-wave sources 53609
Haddad, G.I. *see* Chen, L. 54609
Haddad, G.I. *see* Eisenbeiser, K.W. 2712
Haddad, G.I. *see* Gutierrez-Aitken, A.L. 26734
Haddad, G.I. *see* Syao, K.-C. 26784
Haddad, K., Thomas, T., Joos, G., Jaafari, A. Harmonic reduction in three phase unbalanced systems 19052
Haddad, K. *see* Thomas, T. 38332
Haddad, M., Adlassnig, K.-P., Porenta, G. Feasibility analysis of a case-based reasoning system for automated detection of coronary heart disease from myocardial scintigrams 28175
Haddad, M. *see* Porenta, G. 37691
Haddad, R. *see* Coudert, O. 11031
Haddad, R. *see* Coudert, O. 11046
Haddad, R.A. *see* Akansu, A.N. 25894
Haddad, R.A. *see* Choi, G. 15506
Haddad, R.A. *see* Horng, J. 45899
Haddad, S., Vei-Han Chan, Hao Fang, Yuan Tang, Ramsbey, M., Wang, A., Yu Sun, Chi Chang, Jih Lien New erase scheme suitable for low power flash memory application 1351
Haddad, Y.M., Iyer, S.S. On the characterization of the stress-relaxation response of a class of linear viscoelastic material using acousto-ultrasonics: a pattern recognition approach 50252
Haddadi, S. Simple Lagrangian heuristic for the set covering problem 40039
Haddadin, O.S., Ebbini, E.S. Adaptive regularization of a distorted born iterative algorithm for diffraction tomography 58491
Haddadin, O.S., Lucas, S.D., Ebbini, E.S. Solution to the inverse scattering problem using a modified distorted Born iterative algorithm 28123
Haddara, Y.M., Deal, M.D., Bravman, J.C. Modeling the transient diffusion behaviour of beryllium in gallium arsenide and the effect of encapsulant material on non-equilibrium point defect populations 41986
Haddock, P.C. *see* Fazio, M.V. 33353
Haddon, G.C. *see* Venkatraman, R. 31609
Haddon, J.F., Boyce, J.F. Spatio-temporal relaxation labelling applied to segmented infrared image sequences 5363
Haddon, J.F. *see* Orwell, J.M. 5102
Haddox, D. *see* Pinheiro, R.J. 35152
Haddy, J.R., Skellern, D.J. An asynchronous transfer mode (ATM) stream demultiplexer and switch 16487
Haderka, O., Bajer, J., Perina, J. Global characteristics of the dynamics of degenerate parametric nonlinear processes 24185
Hadi, H.A. *see* Burnside, B.M. 19567
Hadi, K.E. *see* Korkishko, Yu.N. 23543
Hadi, K.El *see* El Hadi, K.
Hadi, M.F., Piket-May, M. A modified FDTD (2, 4) scheme for modeling electrically large structures with high-phase accuracy 33919
Hadi, S., Pochec, P. Binary similarity measure based on Moire patterns 15738
Hadingham, P.T. Recognition of non-rigid objects represented as parametrized arcs 57438
Hadizad, P., Ommen, J., Salih, A., Varadarajan, S., Slocumb, R., Robles, E., Wolk, M., Thero, C. High voltage GaAs rectifiers for high frequency, high power density switching applications 60863
Hadj Said, N. *see* Bacha, S. 51182
Hadj-Alouane, A.Ben *see* Ben Hadj-Alouane, A.
Hadji, E. *see* Pautrat, J.L. 3623
Hadjiefthymiades, S.P. *see* Kaloxylos, A.G. 26598
Hadjifotiou, A. *see* Garthe, D. 16830
Hadjiloucas, S. *see* Irvine, J.J. 17553
Hadjsad, N. *see* Maginier, S. 50515
Hadjsaid, N. *see* Harsan, H. 60284
Hadjsaid, N. *see* Harsan, H. 60312
Hadjsaid, N. *see* Passelergue, J.-C. 19279
Hadlar, S. *see* Maneesha 2681
Hadley, G.R. Optical modeling of vertical-cavity surface-emitting lasers 55733
Hadley, G.R., Choquette, K.D., Lear, K.L. Understanding waveguiding in vertical-cavity surface-emitting lasers 24044
Hadley, G.R., Choquette, K.D., Lear, K.L. Understanding waveguiding in vertical-cavity surface-emitting lasers 33554
Hadley, G.R. *see* Choquette, K.D. 33502
Hadley, G.R. *see* Choquette, K.D. 55734
Hadley, G.R. *see* Lear, K.L. 3968
Hadley, G.R. *see* Smith, R.E. 33010
Hadley, M.A. Electronic chart displays for use in VTMIS 61256
Hadley, P., Visscher, E.H., Chen, Y., Mooij, J.E. An offset-charge independent single-electronics RS flip-flop 54725
Hadley, S. *see* Hirst, E. 38246
Hadouda, H. *see* Bernede, J.C. 32183
Hadri, S., Iung, C. Best error propagation properties for state space structures of digital systems 41325
Hadrian, W., Gruber, A. Calculation of the magnetic field in the close-range of electrified railway lines and the influence of CRT-monitors within station areas 39330
Hadzel, P., Radon, T. Photofield emission from clean and titanium covered (111) plane of tungsten 53931
Hadziioannou, G., van Hutten, P.F. Polymer photonic materials: physical and chemical aspects 32985
Hadziioannou, G. *see* Brouwer, H.J. 23702
Hadziioannou, G. *see* Garten, F. 55448
Hadziioannou, G. *see* Veenstra, S.C. 23682
Hae Dong Lee *see* Young-No Kim 31041
Hae Geun Kim, Seok Youl Kang Performance improvement of M-ary orthogonal modulators 45515
Hae Gwon lee *see* Hyo-Hoon Park 3820
Hae Jin Kim *see* Sang Jin Kim 57976
hae Kyoung Baek *see* Sung Hoon Kim 30883
Hae Ryong Kim, Won Hak Hong, Nam Chul Kim Fast hierarchical image segmentation based on mathematical morphology 56905
Hae Sung Park *see* Jae-Young Leem 689
Hae-Am Park *see* Hyung-Lae Baek 9459
Hae-Dong Lee, Jong-Suk Lee, Min-Ho Hyun, Sun-Young Hwang Efficient synthesis algorithm for low-power ASIC design 1202
Hae-Seok Oh *see* Yeong-Geon Seo 8018
Hae-Seung Lee *see* Yu, P.C. 11536
Hae-Sul Choi *see* Myong-Hee Lee 50623
Hae-Sung Park *see* Moon-Deock Kim 24017
Haeb-Umbach, R. *see* Gamm, S. 46985
Haeb-Umbach, R. *see* Langmann, D. 34683
Haedrich, S. *see* Doerk, T. 30872
Haeiwa, K. 100 W medium wave transmitter based on digital direct modulation 58546
Haelterman, M., Trillo, S., Ferro, P. Multiple soliton bound states and symmetry breaking in quadratic media 24253
Haelterman, M. *see* Seve, E. 13571
Haelterman, M. *see* Tchofo Dinda, P. 3369
Haelvoet, K., Vanwassenhove, L., Martens, L., Vandaele, P. An active electro-optical loop and dipole probe for electromagnetic near-field measurements 24573
Haen, A.-M. *see* Widmer, A.X. 26425
Haenni, W. *see* Mikhailov, S.N. 12169
Haensch, T.W. *see* Udem, T. 7145
Haensch, T.W. *see* Zimmermann, C. 44519
Haensel, M. *see* Quadakkers, W.J. 38957
Haerendel, G. *see* Frey, H.U. 18851
Haerendel, G. *see* Frey, H.U. 50072
Haerle, V. *see* Scholz, F. 40365
Haerri, F., Bachmann, R. Safety policy and the concept of safety in electric power companies 8795

Haertling, G.H. Thickness dependent properties of acetate-derived PLZT films 54924
Haertling, G.H. *see* Dausch, D.E. 43490
Haertling, G.H. *see* Li, G. 43585
Haertwig, J. *see* Prieur, E. 12562
Haeryong Lee, Jungyeon Hwang, Taegwon Jeong Network testbed establishment for broadband services based on ATM switching system 26183
Haes, J., Demeulenaere, B., Baets, R., Lenstra, D., Visser, T.D., Blok, H. Difference between TE and TM modal gain in amplifying waveguides: analysis and assessment of two perturbation approaches 55251
Haes, J., Demeulenaere, B., Visser, T.D., Lenstra, D., Blok, H., Baets, R. How (not) to calculate the confinement factor for the modal gain of TM modes in amplifying waveguides 23535
Haes, J. *see* Buus, J. 44020
Haes, J. *see* Sarlet, G. 33068
Haese, N. *see* Dhondt, F. 54613
Haese-Coat, V. *see* Li, W. 60016
Haesendonck, C.van *see* van Haesendonck, C.
Haesing, F.W. *see* Bueker, H. 58862
Haetly, J. *see* He, X.-F. 22373
Haetty, J. *see* Kioseoglou, G. 41959
Haeusermann, D. *see* Besson, J.M. 22246
Haeusler, A., Meyer, J.-U. A novel thick film conductive type CO_2 sensor 27713
Haeusler, W. *see* Weinmann, D. 22394
Hafeez-Ur-Rahman, Langer, D.W. Measurement of electro-refraction in GaAs/AlGaAs multiple quantum well waveguide structures 23576
Hafen, D.P., Armantrout, J.D. Nickel-hydrogen voltage-efficiency model 18672
Hafen, M. *see* Gessner, T. 27497
Haferkamp, H. *see* Bach, Fr.-W. 51918
Hafez, A.F. An approach to nuclear charge identification with CR-39 polymeric nuclear track detector 37483
Hafez, H.S. *see* El-Kolaly, M.A. 13819
Hafez, N.M. *see* Movahhedinia, N. 47554
Hafez, R.H.M. *see* Parulekar, S. 46570
Haff, R.P. *see* Schatzki, T.F. 46120
Haffner, H. *see* Ashauer, M. 43224
Hafich, M. *see* Vawter, G.A. 33130
Hafich, M.J. *see* Baca, A.G. 22885
Hafich, M.J. *see* Blum, O. 32172
Hafich, M.J. *see* Briggs, R.D. 42287
Hafich, M.J. *see* Fritz, I.J. 33122
Hafich, M.J. *see* Wang, L. 3632
Hafid, A., Bochmann, G.v. An approach to quality of service management for distributed multimedia applications 6302
Hafid, A. *see* v. Bochmann, G. 6398
Hafiz, M.M., Moharram, A.H., Abdel-Rahim, M.A., Abu-Sehly, A.A. The effect of annealing on the optical absorption and electrical conduction of amorphous $As_{24.5}Te_{71}Cd_{4.5}$ thin films 54120
Hafiz, T.S. *see* Unar, M.H. 26221
Hafizi, B., Esarey, E., Sprangle, P. Laser-driven acceleration with Bessel beams 59150
Hafizi, B., Gold, S.H. Beam loading in magnicon deflection cavities 41788
Hafizi, B. *see* Gold, S.H. 7720
Hafizi, B. *see* Sprangle, P. 59116
Hafizi, M. *see* Meneghesso, G. 43152
Hafner, E. An HF/VHF automated microcircuit admittance bridge for operation in a −60°C to +125°C air chamber with milliKelvin stability 27781
Hafner, J., Aredes, M., Heumann, K. A shunt active power filter applied to high voltage distribution lines 38331
Hafner, J. *see* Aredes, M. 41309
Hafner, J. *see* Aredes, M. 51139
Hafner, J. *see* Lorenz, R. 23298
Hafner, W., Munkelt, O. Using color for detecting persons in image sequences 46284
Hag-Ju Cho *see* Soon Oh Park 1350
Haga, A. *see* Kawamata, K. 14656
Haga, A. *see* Minetomo, K. 27185
Haga, D. *see* Willen, B. 53587
Haga, H. *see* Iwasaki, T. 678
Haga, H. *see* Sugihara, T. 4043
Haga, K. *see* Maeda, T. 41577
Haga, N. *see* Ishida, A. 20807
Haga, T., Tinone, M.C.K. Assembly of extreme ultraviolet lithography optics using at-wavelength Foucault testing 32311
Haga, T. *see* Watanabe, K. 36920
Haga, T. *see* Yoo, W. 17779
Haga, Y., Miwa, S., Morita, E. Structural change of selenium-treated GaAs(001) surface observed by STM 12753
Haga, Y. *see* Sato, T. 3084
Hagan, B. *see* Conroy, E. 51901
Hagan, D. *see* Cassanho, A. 55593
Hagan, D.J. *see* Assanto, G. 55858
Hagan, D.J. *see* Buck, P. 24214
Hagan, D.J. *see* Dogariu, A. 24224
Hagan, D.J. *see* Said, A.A. 24227
Hagan, D.J. *see* Stegeman, G.I. 14320
Hagan, D.J. *see* Xia, T. 4092
Hagan, D.J. *see* Xia, T. 24226
Hagan, D.J. *see* Zuo Wang 33634
Hagan, J.J. *see* Cherry, M.C. 8698
Hagan, T.H.Van *see* Van Hagan, T.H.
Hagberg, J. *see* Porjesz, T. 23393
Hagberg, M. *see* Kristjansson, S. 44500
Hagberg, M. *see* Li, M. 44766
Hagberth, R., Lindfors, A. Swedish nuclear power plants: balancing safety and kWh costs in the long term 50722
Hage-Ali, M., Koebel, J.M., Regal, R., Siffert, P., Prat, V., Simon, H. Cadmium telluride small probes for gamma-ray spectrometry 37561
Hagedoorn, A. *see* Theuws, W.H.C. 37110
Hagedoorn, H.L. *see* De Leeuw, R.W. 37015
Hagedoorn, H.L. *see* Pruiksma, J.P. 37016
Hagedorn, D., Gerstenberg, H., Schonbacher, H. Irradiation of quench protection diodes at cryogenic temperatures in a nuclear research reactor 49219
Hagedorn, M.S., Litfin, D.D., Price, G.M., Gordon, A.E., Higman, T.K. Silicon metal-oxide-semiconductor field-effect transistor with gate structures defined by scanned probe lithography 22840
Hagedorn, P. *see* Schmidt, J.P. 29349
Hagedorn, P. *see* Wolf, K. 13340
Hagel, U.Von *see* Von Hagel, U.
Hagelauer, R., Ostermann, T., Konig, U., Gluck, M., Hock, G. Performance estimation of Si/SiGe hetero-CMOS circuits 31193
Hagele, M. *see* Schraft, R.D. 27585
Hageman, P.R., Bauhuis, G.J., van Geelen, A., van Rijsingen, P.C., Schermer, J.J., Giling, L.J. Large area, thin film epitaxial lift off III/V solar cells 38978
Hageman, P.R., te Nijenhuis, J., Anders, M.J., Giling, L.J. Dependence of impurity incorporation upon substrate misorientation during GaAs growth by metalorganic vapour phase epitaxy 42374
Hageman, P.R. *see* Bastos, P.L. 52657
Hageman, P.R. *see* te Nijenhuis, J. 10689
Hagemann, I. Architectural considerations for building integrated photovoltaics 19615
Hagen, C. *see* Freisleben, B. 15275
Hagen, C.W. *see* Borgonjen, E.G. 41808
Hagen, D. *see* Downey, S. 20932
Hagen, J.Q.W., Kirk, A.F., Monacelli, G. Isolated ground plane and mesh earthing system comparison [for telecommunication power supplies] 51303
Hagen, L.W. *see* Alpert, C.J. 52963
Hagen, R. *see* Bastiaan Kleijn, W. 14899
Hagen, S. Addressing the language needs of UK industry: DTI support measures 39662
Hagen, T.H.J.J.Van der *see* Van der Hagen, T.H.J.J.
Hagena, O.F. *see* Menz, W. 32584
Hagenaar, H. *see* Schrijver, C.J. 35224
Hagenauer, J. *see* Xu, W. 5035
Hagenbuchner, M. *see* Fisher, R. 24489
Hagenouw, R. *see* van der Putten, N. 59746
Hager, G. *see* Nicholson, J.W. 33372
Hager, G. *see* Nicholson, J.W. 33385
Hager, G.D. *see* Phipps, S.P. 13927
Hager, G.D. *see* Rafferty, B.D. 55502
Hager, G.D. *see* Son, J.S. 36501
Hager, H.E. *see* Chan, E.Y. 228
Hager, M. *see* Kutka, R. 15595
Hager, P. *see* Wiberg, N.-E. 10566
Hagerman, B. *see* Ovegard, A. 59787
Hagerott Crawford, M. *see* Choquette, K.D. 3896
Hagerott Crawford, M. *see* Lehman, J.A. 33524
Hagerott Crawford, M. *see* Zolper, J.C. 12674
Hagerott-Crawford, M. *see* Lee, J.W. 23942
Hagerott-Crawford, M. *see* Vartuli, C.B. 22429
Hagerott-Crawford, M. *see* Vartuli, C.B. 22445
Hagerott-Crawford, M. *see* Vartuli, C.B. 54244
Hagerty, P. *see* Lindsay, T. 42820
Hagestedt, A. *see* Brinker, F. 49116
Hagfeldt, A. *see* Rensmo, H. 12606
Haggard, R.L. *see* Hix, R.W., Jr. 41048
Haggard, R.L. *see* Parris, C.P. 41046
Haggerott-Crawford, M. *see* Zavada, J.M. 33578
Haggerty, N.K., Malone, T.P., Crouse, J. Justifying the use of high efficiency transformers 51883
Haghighata, F. *see* Scalat, S. 9570
Haghighi-Mood, A., Torry, J.N. Coherence analysis of multichannel heart sound recording 49435
Haghighi-Mood, A., Torry, J.N. Time-frequency analysis of systolic murmurs 49535
Haghiri-Gosnet, A.M. *see* Carcenac, F. 32289
Haghiri-Gosnet, A.M. *see* Simon, G. 40500
Hagihara, K. *see* Yamada, H. 48388
Hagihara, Y., Inui, S., Okamoto, F., Nishida, M., Nakamura, T., Yamada, H. Floating-point datapaths with online built-in self speed test 41206
Hagimoto, E. *see* Kato, Y. 12014
Hagimoto, E. *see* Matsuda, S. 197
Hagimoto, K. *see* Kawakami, H. 47965
Hagimoto, K. *see* Matsuoka, S. 6823
Hagimoto, K. *see* Nakadan, Y. 27255
Hagimoto, K. *see* Tomizawa, M. 26789
Hagimoto, K. *see* Tsuda, H. 23620
Hagimura, A., Shima, K., Asahina, K., Sakuraba, H., Fujita, K., Tanaka, J. Application for ball grid array package by using high heat resistant substrate (BN300) 30262
Hagimura, A. *see* Fujita, K. 10169
Hagimura, A. *see* Shima, K. 320
Hagin, A.A. Reliability evaluation of a repairable network with limited capacity and structural redundancy 16015
Hagio, F. *see* Hoashi, T. 14701
Hagio, M. *see* Inamori, M. 41524
Hagio, M. *see* Motoyoshi, K. 40928
Hagishima, K. *see* Jinzenji, H. 58012
Hagita, N. *see* Arimura, K. 5379
Hagita, N. *see* Kashino, K. 4910
Hagita, N. *see* Sawaki, M. 5595
Hagiwara, K. *see* Honma, H. 11967
Hagiwara, M. *see* Hattori, M. 1411
Hagiwara, M. *see* Kawanishi, H. 15489
Hagiwara, S. *see* Nakagawa, F. 30273
Hagiwara, T., Funabashi, T., Watanabe, H., Takeuchi, N., Ueda, T. A metal oxide surge arrester model with active V-I characteristics 28943
Hagiwara, T., Komatsu, K. Application of phase sensitive optical system for soft defect detection 22688
Hagiwara, T. *see* Tanaka, S. 34965
Hagiwara, Y. High-density and high-quality frame transfer CCD imager with very low smear, low dark current, and very high blue sensitivity 17475
Hagiwara, Y. *see* Ikeda, S. 43209
Hagler, M. *see* Akiyama, H. 20511
Hagler, M.O. *see* Ramirez, J.M. 20639
Haglund, R.F., Jr. *see* Gonella, F. 3954
Hagman, W.H. *see* Lesieutre, B.C. 38770
Hagmann, D.R., Hummel, R.E. Characterization of multilayer thin film structures by differential reflection spectroscopy 10857
Hagmann, M.J., Brugat, M. Modulation of the current in a field emitter caused by a continuous wave or pulsed laser: simulations and experimental results 53936
Hagmann, M.J. *see* Brugat, M. 53927
Hagolle, O., Guerry, A., Cunin, L., Millet, B., Perbos, J., Laherrere, J.-M., Bret-Dibat, T., Poutier, L. POLDER level 1 processing algorithms 18840
Hagopian, J.G. *see* Crooke, J.A. 27116
Hagouel, P.I.L., Neureuther, A.R., Zenk, A.M. Negative resist corner rounding. Envelope volume modeling 32284
Hagston, W.E. *see* Ozanyan, K.B. 23884
Hagston, W.E. *see* Ozanyan, K.B. 33557
Hagstrom, M. Asymptotical behavior of a version of fast filtering algorithms for complex valued process 45814
Hague, L.M., Metcalf, K.J., Shannon, G.M., Hill, R.C., Cheng-Yi Lu Performance of International Space Station electric power system during station assembly 18712
Hague, L.M. *see* Hajela, G.P. 18715
Hague, S. *see* Dovgalenko, G. 14420
Hague, T. *see* Marchant, A. 35285
Haguenauer, M. *see* Alexeev, G. 59200
Hagwood, C. *see* Kacker, R. 52299
Hagyard, D., Razaz, M., Atkin, P. Analysis of watershed algorithms for greyscale images 57489
Hah, J.M., Tien, P.L., Yuang, M.C. Neural-network-based call admission control in ATM networks with heterogeneous arrivals 57571
Hah, J.M., Yuang, M.C. Estimation-based call admission control with delay and loss guarantees in ATM networks 5743
Hahad, M., Hopper, P. High performance semiconductor device simulation on shared memory parallel computers 12866
Hahidi, N. *see* Altmeyer, S. 54720
Hahm, J.H. *see* Chi, K.K. 54470
Hahm, M.D., Friedman, E.G., Titlebaum, E.L. Analog vs. digital: a comparison of circuit implementations for low-power matched filters 1617
Hahm Cheul-Hee *see* Cheul-Hee Hahm
Hahm Jin-Ho *see* Jin-Ho Hahm
Hahm JinHo *see* JinHo Hahm
Hahm Young-Kwon *see* Young-Kwon Hahm
Hahn, B., Deufel, M., Meier, M., Kastner, M.J., Blumberg, R., Gebhardt, W. Photoassisted growth and nitrogen doping of ZnSe 40466
Hahn, B. *see* Gebhardt, W. 21242
Hahn, B. *see* Kastner, M.J. 40344
Hahn, C. *see* Born, A. 22663
Hahn, C. *see* Handels, H. 37933
Hahn, D. *see* Schneider, D. 2110
Hahn, D.N. *see* Lundquist, P.M. 44727
Hahn, E. *see* Kerns, K. 60002
Hahn, F., Rivera, A., Vazquez Rueda, M. Dual AC motor control maintains airflow constant 9754
Hahn, G. Space-saving tensioning device for high speed catenaries in tunnels 61268
Hahn, G., Frerichs, I., Kleyer, M., Hellige, G. Local mechanics of the lung tissue determined by functional EIT 18457
Hahn, G. *see* Frerichs, I. 18456
Hahn, H. *see* Dong-Hwan Ko 25793
Hahn, I. *see* Echternach, P.M. 48453
Hahn, J., Bedrich, S. "Common view" clock synchronization of remote atomic clocks using GPS and PRARE onboard ERS-2 36931
Hahn, J. *see* Werninghaus, T. 41898
Hahn, K., Lee, E. A study of stripped pinched-beam transport for heavy ion fusion 59156
Hahn, K.D. *see* Celata, C.M. 59132
Hahn, K.H., Giboney, K.S., Wilson, R.E., Straznicky, J., Touchuan Huang, Tan, M.R., Straznicky, J., Dolfi, D.W. POLO-gigabyte/s parallel optical links for multimedia, computer cluster and switching systems 47336
Hahn, L.J. *see* Goodnough, M.A. 17463
Hahn, M., Dong-Guy Kang Precise glottal closure instant detector for voiced speech 4587
Hahn, P.J., Mathews, V.J., Tran, T.D. Adaptive realization of a maximum likelihood time delay estimator 25201
Hahn, P.J. *see* Mathews, V.J. 35114

Hahn, R., Kamp, A., Ginolas, A., Schmidt, M., Wolf, J., Glaw, V., Topper, M., Ehrmann, O., Reichl, H. High power multichip modules employing the planar embedding technique and microchannel water heat sinks 52278
Hahn, R. *see* Dobert, S. 37145
Hahn, R.E. *see* Romaine, S.E. 28538
Hahn, R.von *see* von Hahn, R.
Hahn, S.R., Kim, E.T., Oh, W.U., Kim, G.H., Yi, S.H., Bin, Y., Parsons, J.D. Low temperature OMVPE growth of $Hg_{0.792}Cd_{0.208}Te$ using methylallyltelluride 30774
Hahn, T.S. *see* Lee, S.Y. 32964
Hahn, T.S. *see* Song, M.H. 13860
Hahn, U., Frahm, R., Gurtler, P., Schulte-Schrepping, H. New beamline optics of the X-ray undulator BW1 at DORIS 37069
Hahn, W.S. *see* Clerjaud, B. 41957
Hahn Cheol Koo *see* Cheol Koo Hahn
Hahn He Il *see* He Il Hahn
Hahn Jae Won *see* Jae Won Hahn
Hahn Jeong Whan *see* Jeong Whan Hahn
Hahn Song-Yop *see* Song-Yop Hahn
Hahn Taek-Sang *see* Taek-Sang Hahn
Hahne, E., Pfluger, R. Improvements on PASSYS test cells 52152
Hahne, E.L. *see* Basak, D. 46644
Hahne, G., Waschk, V. 110 kV urban cable for the retrofitting of pipe cables 38370
Hahner, G. *see* Cheung, R. 22881
Hahner, G. *see* Duran, H.C. 41437
Haho, P., Smeds, R. Benefits from using simulation games in business process development. Experiences from a Finnish manufacturing company 39701
Hahs, D.W. *see* Corron, N.J. 56242
Hai, N.N. *see* Phu, H.X. 10356
Hai Bin Chung *see* Di Fabrizio, E. 42886
Hai Feng Weng *see* Tang, A. 35616
Hai Guo-Qiang *see* Guo-Qiang Hai
Hai Hong *see* Hong Hai
Hai Jin *see* Jin Hai
Hai Jin Cheng *see* Cheng Hai Jin
Hai Liu, Chen, J.Y., Shen, D., Han, Y.D., Li, C.Y., Liu, Y.X., Zhu, Q.X. The simulation study of the short-circuit current of the voltage source inverter 19864
Hai Ming *see* Ming Hai
Hai Soo Chun *see* Hyung Sun Kim 29531
Hai Tao, Huang, T.S. Multi-scale image warping using weighted Voronoi diagram 56923
Hai Wen Yuan *see* Yuan Hai Wen
Hai Yan, Eun Sok Kim Corrugated diaphragm for piezoelectric microphone 17115
Hai Zhou *see* Chung-Ping Chen 11085
Hai-Bo Song *see* Cheng-Tian Xue 41424
Hai-Fang Mao *see* Jing-Huai Fang 61094
Hai-Feng Liu *see* Hoshida, T. 55715
Hai-Feng Liu *see* Uchiyama, Y. 24252
Hai-Feng Wang *see* Shi-Ning Zhu 44742
Hai-Feng Zhang *see* Zhang Hai-Feng
Hai-Jiang Ou, Chung-Chi Hsu, Yue-Fei Yang, Yang, E.S. High frequency GaInP/GaAs heterostructure-emitter bipolar transistor with low offset voltage 53586
Hai-Jun Jia *see* Jia Hai-Jun
Hai-Ping Cheng, Gillaspy, J.D. Nanoscale modification of silicon surfaces via Coulomb explosion 42518
Hai-Shan Wu, Barba, J., Gil, J. Morphological segmentation of textured cell images 18291
Hai-Tan Tran *see* Ansari, N.A. 44670
Hai-Won Yang *see* Jae-Kee Jeong 1748
Hai-Won Yang *see* Jae-Kee Jeong 8916
Hai-Yan An *see* An Hai-Yan
Hai-Young Lee *see* Sang-Ki Yun 39807
Hai-Yun Jiang *see* Nishimura, S. 53437
Haibach, P. *see* Frey, U. 43822
Haibo Jiang, Hongzhi Cai, Dorsey, J.F., Zhihua Qu Toward a globally robust decentralized control for large-scale power systems 60263
Haichao Ma *see* Ma Haichao
Haicuan Mu *see* Jianzhong Zhu 39360
Haida, T. *see* Oki, I. 60966
Haidar, J., Lowke, J.J. Predictions of metal droplet formation in arc welding 10056
Haidekker, M. *see* Evertsz, C.J.G. 49449
Haider, B., Lewin, P.A., Thomenius, K.E. Pulse elongation and deconvolution filtering for medical ultrasonic imaging 28105
Haidong Zheng *see* Zheng Haidong
Haidoux, A. *see* Tomasini, P. 10764
Haieh Cheng-Ta *see* Cheng-Ta Haieh
Hai'en He *see* He Hai'en
Haifan Liang *see* Gee, J.M. 39052
Haifang Liao, Wayne Wei-Ming Dai, Rui Wang A new CMOS driver model for transient analysis and power dissipation analysis 40784
Haifeng Li, Chua-Han Lee, Wenhua Lin, Didde, L.S., Yung-Jui Chen, Stone, D. 8-wavelength photonic integrated 2×2 WDM cross-connect switch using 2×N phased-array waveguide grating (PAWG) multi/demultiplexers 47498
Haifeng Li, Wenhua Lin, Chen, Y.J., Stone, D. 8-channel wavelength-selective 2×2 optical switch using phased array waveguide grating multi/demultiplexer 35883
Haifeng Li *see* Wenhua Lin 6721
Haifeng Li *see* Wenhua Lin 26722
Haifeng Peng *see* Lan Shao 58401
Haifeng Qian, Jie Wu Unicast, multicast, and broadcast in enhanced Fibonacci cubes 46826
Haifeng Xu *see* Xu Haifeng
Haige Xiang *see* Xiang Haige
Haigh, D. Using a process-verification strategy to meet quality, cost, and schedule requirements 52137
Haigh, D., Adams, W. Why 64 bit computers in the control room? [Power industry] 19230
Haigh, D. *see* Kaunisto, R. 21980
Haigh, D. *see* Thayne, I. 53649
Haigh, D.G. *see* Webster, D.R. 31133
Haigh, D.G. *see* Webster, D.R. 54698
Haigh, N.R. *see* Selvan, B. 58289
Haigh, R.E. *see* De Groot, A.J. 55357
Haighton, P. *see* Wang, D. 56876
Haihong Feng *see* Feng Haihong
Haihong Wang *see* Wang Haihong
Haihuan Lu *see* Lu Haihuan
Haiji, H., Okada, K., Hiratani, T., Abe, M., Ninomiya, M. Magnetic properties and workability of 6.5% Si steel sheet 23323
Haiji, R., Beauregard, F., Ghannouchi, F.M. Multitone load-pull characterization system for power and distortion analysis of microwave transistors 27870
Haijun Jia *see* Jia Haijun
Haijun Wang *see* Wang Haijun
Haijun Zhang, Higuchi, T., Nishioki, N. Dual tunneling-unit scanning tunneling microscope for length measurement based on crystalline lattice 48892
Haijun Zhu *see* Zhu Haijun
Haikawa, Y., Noguchi, M., Fujii, O., Ishizaki, H., Minoda, H., Yamamoto, H. Development of LSI LR 37646 for Mini Disc System 27194
Hailan Duan *see* Duan Hailan
Hailin Cui *see* Li Feng 29577
Hailin Ge *see* Ge Hailin
Hailung Liu, Jinghua Wang Decay rate for perturbations of stationary discrete shocks for convex scalar conservation laws 40238
Haim, E. *see* McCartney, R. 18618
Haim, M., Barnea, Y. Peak temperature in a semiconductor with a clip-type dissipator 30300
Haimbodi, M. *see* Menon, A. 36745
Haimbodi, M. *see* Rongnong Zhou 27485
Haimes, Y.Y. *see* Eisele, J.S. 9985
Haimi-Cohen, R. *see* Gupta, S.K. 16635
Haiming Jin, Iyer, R.K., Hsueh, M.C., Covington, M. FAMAS: FAult Modeling via Adaptive Simulation 54771
Haiming Shao, Tianxiao Yin, Congcong Shen The method of summation difference and applications 17176
Haiming Wang Design of a non-interferometric vibrometer 36925
Haiming Wang Theoretical analysis and measurements on near specular scattering 48865
Haiming Wu *see* Ruibo Lu 55316
Haimovich, A. *see* Wu, X. 35470
Haimovich, A.M. *see* Berin, M.O. 27046
Haimovich, A.M. *see* Bernstein, X. 6543
Hain, M. *see* Bertagnolli, E. 2796
Hainberger, R. *see* Golshani, A. 55662
Hainberger, R. *see* Kock, A. 14115
Hainberger, R. *see* Kock, A. 55731
Haine, F. *see* Kastelik, J.C. 55337
Haines, D.M. *see* Greenwald, R.A. 38062
Haines, G. *see* Warren, V. 60679
Haines, N. *see* Spooner, E. 9657
Haines, N.A. *see* Juby, L. 29817
Haines, P. Sirius 2: European-wide satellite services from GE 48213
Hainin Chao *see* Chao Hainin
Haining Cui *see* Cui Haining
Hains, C.H. *see* Ortiz, G.G. 3898
Hains, C.P. *see* Ortiz, G.G. 3822
Hainsey, R. *see* Bohr, M. 41067
Hainsworth, G., Rodger, D. Finite element modelling of flux concentrators for coilguns 24417
Hainsworth, T.J. *see* Hurn, M.A. 18275
Haipei Lui *see* Lui Haipei
Haiping Su, Briggs, J.M., Knapp, A.K., Blair, J.M., Krummel, J.R. Detecting spatial and temporal patterns of aboveground production in a tallgrass prairie using remotely sensed data 8412
Haiping Tang *see* Tang Haiping
Haiping Zhang *see* Ning Gu 42845
HaiQiang Xie *see* Xie HaiQiang
Haiqing Yang, Panda, S.K., Liang, Y.C. Sliding mode control for switched reluctance motors: an experimental investigation 51658
Haiqun Zheng *see* Zheng Haiqun
Hairapetian, A. An 81-MHz IF receiver in CMOS 16550
Hairer, E., Stoffer, D. Reversible long-term integration with variable stepsizes 40136
Hairer, E., Zennaro, M. On error growth functions of Runge-Kutta methods 21170
Hairong Zhong *see* Zhong Hairong
Haisch, H., Baums, D., Lach, E., Kaiser, D., Kuhn, E., Satzke, K., Weber, J., Weinmann, R., Wiedemann, P., Zielinski, E. Record bandwidth (42 GHz measured) and polarisation insensitive (<0.4 dB) tensile strained InGaAsP MQW ridge waveguide electroabsorption modulator for ultra-high bitrate TDM systems 26831
Haisch, H. *see* Clesca, B. 26829
Haisch, H. *see* Zielinski, E. 44584
Haisma, J., Verheijen, M., van den Heuvel, K., van den Berg, J. Mold-assisted nanolithography: a process for reliable pattern replication 22731
Haisong Ang *see* Ang Haisong
Haitao Guo, Burrus, C.S. Convolution using the undecimated discrete wavelet transform 15281
Haitao Sun, Kuroda, K., Suzuki, Y. Non-uniform grid finite-difference time-domain method for the simulation of electromagnetic distributions 37853
Haitjema, H. Iterative solution of least-squares problems applied to flatness and grid measurements 59008
Haiwu Yu, Shaoxian Meng Transient stimulated Brillouin scattering and damage of optical glass 33639
Haiwu Yu, Shaoxian Meng Wollaston prism design and working parameters in the Nomarski polarized light interferometer 44148
HaiXin Chen, Zhen-Kang Shen, Zhi Yong Li A real-time infrared image multiple targets tracking system 4979
Haiyan An *see* Baijun Chen 23696
Haiyan An *see* An Haiyan
Haiyin Wang, Ke-Li Wu, Litva, J. The higher order modal characteristics of circular-rectangular coaxial waveguides 45327
Haiyou Wang *see* Wang Haiyou
Haiyuan Wu, Qian Chen, Yachida, M. A fuzzy-theory-based face detector 5612
Haiyuan Wu, Qian Chen, Yachida, M. Facial feature extraction and face verification 5621
Haiyuan Wu, Qian Chen, Yachida, M. Detecting human face in color images 25506
Haiyuan Wu *see* Qian Chen 57118
Haiyun Wang *see* Wang Haiyun
Haiyun Yang, Soo-Ngee Koh, Sivaprakasapillai, P., Xydeas, C. Pitch synchronous multiband (PSMB) coding of speech signals 4583
Haizhang Li *see* Shinan Qian 27907
Haizhou Li, Yifan Gong, Haton, J.-P. Probabilistic mapping networks for speaker recognition 34642
Haizhou Li *see* Jian Su 15092
Haizuka, T. *see* Takura, A. 5926
Haj Khalil, R.A., Jubran, B.A., Faqir, N.M. Optimization of solar pond electrical power generation system 60584
Haj-Maharsi, Y. *see* Sybille, G. 8853
Hajafi, S.I. *see* Ohtsuki, T. 33442
Hajagos, J. *see* Mancini, R. 9456
Hajdas, W. *see* Barak, J. 22216
Hajdrowski, K. *see* Rakowska, A. 43560
Hajdu, I. *see* Gal, L. 31600
Hajdu, I. *see* Ripka, G. 30214
Hajdu, L. *see* Berczes, A. 40182
Hajek, B., Krishna, A., LaMaire, R.O. On the capture probability for a large number of stations 35971
Hajela, G.P., Hague, L.M. Photovoltaic module start-up for the International Space Station 18715
Hajela, S. HP OEMF: alarm management in telecommunications networks 5994
Haji, L. *see* Salaun, A.-C. 12985
Hajian, M., Ligthart, L.P. Use of planar near-field measurement facilities at TU Delft for antenna diagnostics 56191
Hajime, K. Digital formats redefine quality in home A/V systems 17042
Hajime, K. DVDs' capacious storage holds promise in many fields 27184
Hajimusa Imran *see* Imran Hajimusa
Hajin Yu, Sung-Joo Kim, Yung-Hwan Oh Estimating fuzzy phoneme similarity relations for continuous speech recognition 34701
Hajj, H.M., Nguyen, T.Q., Chin, R.T. On multi-scale feature detection using filter banks 5329
Hajj, H.M., Nguyen, T.Q., Chin, R.T. A 2D multirate Bayesian framework for multiscale feature detection 25598
Hajj, I.N. Simulation of VLSI circuits and systems for reliability estimation 31060
Hajj, I.N. *see* Tzuhao Chen 23004
Hajji, R., Ghannouchi, F.M. Small-signal distributed model for GaAs HBT's and S-parameter prediction at millimeter-wave frequencies 53588
Hajnal, J.V. *see* Eastham, J.F. 49486
Hajnal, Z., Szilagyi, E., Paszti, F., Battistig, G. Channeling-like effects due to the macroscopic structure of porous silicon 12154
Hajra, A. *see* De, S.S. 22305
Hak Hong Won *see* Won Hak Hong
Hak Kee Jung Impact ionization for GaAs using full band Monte Carlo simulation 41985
Hak Kyu Lee, Kyong Hon Kim, Min-Yong Jeon, El-Hang Lee All-optical RZ-to-NRZ format conversion using a walk-off balanced nonlinear fiber-loop mirror 26805
Hak Kyu Lee, Kyong Hon Kim, Seo Yeon Park, El-Hang Lee A walk-off balanced nonlinear fiber loop mirror switch controlled by 1.5 μm pulses for high bit rate 1.3 μm telecommunications 16514
Hak Kyu Lee *see* Min-Yong Jeon 14003
Hak Lee Sang *see* Sang Hak Lee
Hak Soo Han *see* Min Woo Park 51544
Hak-Hwan Kim *see* Hee-Dae Kim 22244
Hak-Il Kim *see* Yong-Kuk Lee 50123
Hak-Lyun Kim *see* Sang-Baeck Yoon 51046
Hak-Yeong Chung, Ik-Soo Park, Zeungnam Bien Improved method for incipient multiple fault diagnosis with application to a nuclear power plant 29001

Hak-Young Lee *see* Gwan-Soo Park 43704
Hakakha, H. *see* Schuster, J. 6797
Hakala, H., Vehvilainen, K., Lehto, M., Turunen, S. GSM based traveller information services offered with portable and in-car terminals 58234
Hakamata, M. *see* Fukui, S. 43775
Hakansson, K., Hellborg, R., Erlandsson, B., Skog, G., Stenstroem, K., Wiebert, A. A cesium-sputtering negative ion source for AMS investigations 49295
Hakata, T. *see* Ohyama, H. 23685
Hakata, T. *see* Ohyama, H. 42920
Haken, B.ten *see* ten Haken, B.
Haken, L. *see* Fitz, K. 36355
Hakiki, N.E., da Cunha Bela, M. Electronic structure of passive films formed on molybdenum-containing ferritic stainless steels 12521
Hakimi, R. *see* Amann, M.-C. 44462
Hakki, B.W. Polarization mode dispersion compensation by phase diversity detection 26711
Hakkinen, J., Rahkonen, T., Kostamovaara, J. An integrated 100 MHz to 1 GHz I/Q modulator with CML phase shifter 53076
Hakkinen, V. *see* Hirvonen, K. 59689
Hakkinen, V. *see* Varri, A. 37810
Hakoda, K., Tsukada, H., Hirokawa, T., Yoshida, Y., Mizuno, H. Japanese text-to-speech software (FLUET) based on waveform synthesis method 14957
Hakoda, K. *see* Kitai, M. 46963
Hakoda, K. *see* Kitai, M. 46964
Hakon Husoy, J. *see* Einar Kolltveit, O. 45981
Hakopian, Y.R. *see* Axelsson, O. 40269
Hakoupian, J. *see* Heh, T. 48118
Haksoo Han, Hyunsoo Chung, Sungkook Park, Yungil Joe, Sungsoo Park, Gwanchong Joo, Nam Hwang, Hee Tae Lee, Kang Seungoo, Song Min-Kyu Pb/In solder bump formation for a flip-chip bonding technique at high speed optical communication devices 58391
Haku, H. *see* Kameda, M. 39128
Haku, H. *see* Muruyama, E. 30862
Hakun, S. *see* Oz, M. 34425
Hakuta, T. *see* Uetsuka, H. 26920
Hal, R.E.G.van *see* van Hal, R.E.G.
Hal Zhou *see* Ming Cal 14556
Halajian, S. *see* Wang, C.D. 56501
Halamandaris, B., Kane, H. Circuit card test system: modernization using VXIbus and Labwindows(R) 48377
Halamski, J., Muszynski, R. Investigation of servo-drive system with programmable controller 61169
Halang, W.A. *see* Sterzbach, B. 17000
Halani, A. *see* Basol, B.M. 37974
Halasz, E. *see* Biro, J. 10375
Halasz, S., Csonka, G., Hassan, A.A.H. Generalized harmonic loss curves of AC motors fed from two and three level inverters 50897
Halasz, S., Csonka, G., Hassan, A.A.M., Huu, B.T. Analysis of the unipolar PWM techniques 9323
Halasz, S., Hassan, A.A.M., Bui Tin Huu Optimal control of three-level PWM inverters 38878
Halasz, S., Schmidt, I., Molnar, T. Matrix converters for induction motor drive 51735
Halatsis, C. *see* Gizopoulos, D. 1236
Halatsis, C. *see* Tsiatouhas, Y. 43257
Halbach, K. *see* Lund, S.M. 59155
Halbach, L., Kirschvink, M. TEM test cells for EMC measurements 20823
Halbleib, J. *see* Mazarakis, M.G. 37078
Halbleib, J. *see* Mazarakis, M.G. 37152
Halbleib, J.A. *see* Kensek, R.P. 28556
Halchin, D. *see* Driver, T. 11694
Halchin, D. *see* Martinez, M.J. 43120
Haldar, J.C. *see* De, S.S. 22305
Haldar, M.K., Garg, H.K., Chia, K.B., Mendis, F.V.C. Simulation of distortion in multi-carrier subcarrier multiplexed optical communication systems employing direct intensity modulation of semiconductor lasers 26771
Haldar, M.K. *see* Chia, K.B. 26896
Haldar, M.K. *see* Linlin Li 3808
Haldar, M.K. *see* Seng, K.H. 55666
Haldar, P. *see* Ciszek, M. 43741
Haldar, P. *see* Fukumoto, Y. 3272
Haldar, P. *see* Iyer, A.N. 55081
Haldemann, R.C. *see* Giger, M. 57539
Halder, B., Kailath, T. Efficient estimation of closely spaced sinusoidal frequencies using subspace-based methods 34762
Halder, B., Ng, B.C., Paulraj, A., Kailath, T. Unconditional maximum likelihood approach for blind estimation of digital signals 16612
Haldorsen, T. *see* Vistnes, A.I. 49809
Hale, D. *see* Shutt, T. 37472
Hale, P.D., Wang, C.M., Rin Park, Wai Yuen Lau A transfer standard for measuring photoreceiver frequency response 7132
Hale, P.D. *see* Rochford, K.B. 59064
Hale, P.S., Jr. *see* Tolbert, L.M. 38202
Hale, P.S., Jr. *see* Tolbert, L.M. 38335
Hale, T., Telschow, K. Vibration modal analysis using all-optical photorefractive processing 27927
Hale, T.C., Telschow, K. Optical lock-in vibration detection using photorefractive frequency domain processing 7596
Halec, A. *see* Jurisa, M. 18560
Halet, A., Lampropoulos, G.A., Tue Huynh A new technique for noisy target discrimination 35118
Haley, P., Soloway, D. Experimental validation of generalized predictive control for active flutter suppression 8228
Haley, S.B. *see* Larson, T.M. 55125
Halfhill, T. Break the bandwidth barrier 6096
Halfhill, T.R. The x86 gets faster with age 1425
Halfhill, T.R. Power PC regroups 1426
Halford, K.W., Brandt-Pearce, M. Maximum likelihood detection and estimation for new users in CDMA 35467
Halford, S.D., Giannakis, G.B. Optimal blind equalization and symbol error analysis of fractionally-sampled channels 16003
Halford, S.D., Giannakis, G.B. Adaptive blind fractionally spaced equalizers using cyclic correlations 34829
Halgamuge, S.K., Herrmann, C.S., Jain, L. Analysis of EEG signals with wavelets and knowledge engineering techniques 34754
Halilcevic, S. Optimal operation of power systems using pattern recognition techniques 38244
Halimullin, Yu.A. *see* Glushkov, I.S. 33896
Halinka, A. *see* Winkler, W. 29208
Hall, A.C. *see* Lindroth, A. 8856
Hall, A.C. *see* Lindroth, A. 8857
Hall, A.F., Kovacs, S.J. Model-based image processing of transmitral Doppler velocity profiles: toward automation 28194
Hall, A.P. *see* Lee, E.J. 54549
Hall, B. *see* Na, H. 8476
Hall, C. *see* Kelsey, J. 25510
Hall, C. *see* Ueda, A. 12666
Hall, C.J. *see* Bazzano, A. 7799
Hall, C.M. Spatiotemporal predictions of polar mesospheric summer echoes 18848
Hall, C.M. Kilometer scale kinetic energy perturbations in the mesosphere derived from EISCAT velocity data 38057
Hall, C.S. *see* Christy, D.H. 18305
Hall, D.A. Tactical Internet system architecture for Task Force XXI 60136
Hall, D.A., Stevenson, P.J. Field-induced destabilisation of hard PZT ceramics 43492
Hall, D.G. *see* Jordan, R.H. 44598
Hall, D.G. *see* Stuart, H.R. 33090
Hall, D.G. *see* Tsybeskov, L. 13865
Hall, D.G. *see* Tsybeskov, L. 44289
Hall, D.J. *see* Christianson, O.R. 51623
Hall, D.K., Foster, J.L., Chang, A.T.C., Cavalier, D.J., Wang, J.R., Benson, C.S. Analysis of snow cover in Alaska using aircraft microwave data (April 1995) 18892
Hall, D.K., Layton, S.D. Hybrid electrical power source testing for electromechanical actuation applications 18664
Hall, D.K. *see* Foster, J.L. 18881
Hall, D.L., Llinas, J. An introduction to multisensor data fusion 27510
Hall, D.R. *see* Baker, H.T. 33367
Hall, D.R. *see* Morley, R.J. 33371
Hall, E.A.H. *see* Gooding, J.J. 27700
Hall, E.K. *see* Blackert, W.J. 4471
Hall, F.E. *see* Wills, R.H. 39162
Hall, F.G. *see* Brakke, T.W. 8537
Hall, G. Analogue optical data transfer for the CMS tracker 59320
Hall, G. *see* Bourgeois, M. 49273
Hall, G. *see* Collier, J. 18076
Hall, G. *see* De Fez-Laso, M.D.M. 37505
Hall, G. *see* Desmond, D. 27460
Hall, G. *see* Gill, K. 7815
Hall, G. *see* Iles, G. 18099
Hall, G. *see* Manson, A. 50065
Hall, G.R. *see* Walsh, J.A. 16079
Hall, J. *see* Pandey, S.U. 37293
Hall, J. *see* Wade, V. 46926
Hall, J.C. Cold charge nickel hydrogen geosynchronous satellite batteries 59958
Hall, J.L. *see* Eickhoff, M.L. 48961
Hall, J.L. *see* Jun Ye 27378
Hall, J.L. *see* Jun Ye 55302
Hall, J.R. *see* Bellwied, R. 59284
Hall, J.T. *see* Hayes, J.G. 39293
Hall, K. *see* Barth, J. 24350
Hall, K.L., Rauschenbach, K.A. A fiber loop buffer storing variable length data packets at 18 Gb/s for 200 circulations 36150
Hall, K.L. *see* Patel, N.S. 16703
Hall, L. *see* Prasad, J. 42526
Hall, L. *see* Sees, J. 42451
Hall, L.H., Sees, J.A., Schmidt, B.L. Characterization and application of the vapor phase decomposition technique for trace metal analysis on silicon oxide surfaces 2356
Hall, L.H. *see* Hurd, T.Q. 42560
Hall, L.O. *see* Vaidyanathan, M. 59495
Hall, M. *see* Astrom, A. 16968
Hall, M. *see* Clements, D.W. 19493
Hall, M. *see* Sheil, A.E. 19499
Hall, M.J.W. Quantum information and correlation bounds 45479
Hall, M.M., Carlsten, J.L. Low-frequency intensity noise in semiconductor lasers 14112
Hall, M.P.M. *see* Norbury, J.R. 36048
Hall, M.V. Measurement of seabed sound speeds from head waves in shallow water 18867
Hall, P.J.van *see* van Hall, P.J.
Hall, P.S., Kapoulas, S.D., Chauhan, R., Kalialakis, C. Adaptive tuning of microstrip antennas 47830
Hall, P.S. *see* Cryan, M.J. 34432
Hall, P.S. *see* Kykkotis, C.E. 58119
Hall, P.S. *see* Liu, Z. 35931
Hall, P.S. *see* Morrow, I.L. 34355
Hall, P.S. *see* Singh, D. 41508
Hall, R.B. *see* Ford, D.H. 39014
Hall, R.B. *see* Ingram, A.E. 39208
Hall, R.C., Wu, D.I. Analysis and design of conformal printed antennas 4401
Hall, R.C., Wu, D.I. Modeling and design of circularly-polarized cylindrical wraparound microstrip antennas 34368
Hall, R.C. *see* Brand, Y. 34147
Hall, R.C. *see* Brand, Y. 34364
Hall, R.J. Process quality assurance and reliability requirements for choosing a solder mask 53781
Hall, R.L. *see* Motamedi, M.E. 58848
Hall, R.M., Rosato, J.J., Lindquist, P.G., Jarvis, T., Parry, T., Walters, R.N. Improving rinse efficiency with automated cleaning tools 12791
Hall, R.S. *see* Elliott, C.T. 698
Hall, R.W. *see* Gumustekin, S. 25460
Hall, S. Efficiency considerations in electronics assembly 53800
Hall, S., Wainwright, S.P. On electron conduction and trapping in SIMOX dielectric 2286
Hall, S.E. *see* Sinsabaugh, S.L. 61288
Hall, S.R. *see* Harrison, M.R. 19366
Hall, T.J. *see* Hung, K.M. 44707
Hall, T.J. *see* Korneev, N.A. 3307
Hall, T.J. *see* Kudryashov, V.A. 42834
Hall, T.J. *see* Kudryashov, V.A. 42876
Hall, T.J. *see* Vainos, N.A. 14434
Hall, V. A clad aluminum gate process for advanced TFT manufacturing 12941
Hall, W. *see* Atkins, S. 59917
Hall, W. *see* Bass, E.A. 29832
Hall, W. *see* Jones, G.R. 5189
Hall, W.B. *see* Cosgrave, J.A. 51410
Hall, W.E. *see* Tong, F. 26751
Hall, W.J. Opening the process window through optimized reflow soldering 41675
Hall, W.J., Jr. Recce and UAV: mass memory an enabling technology for merger 8250
Hall, W.J., Jr. *see* Balakirsky, J. 8581
Hall, W.M., Gregory, G.D. Short-circuit ratings and application guidelines for molded-case circuit breakers 38900
Hall, W.R. *see* Hesler, J.L. 53620
Hall Barbosa, C. *see* Bruno, A.C. 40713
Hallam, T.D. Characterisation of epitaxial layers of the dilute magnetic semiconductor $Hg_{1-x}Mn_xTe$ 12312
Halle, M. *see* Hata, N. 18387
Halle, O. *see* Paul, S. 32343
Halle, O. *see* Schenk, R. 42819
Hallen, A. *see* Lalita, J. 31748
Hallen, H.D. *see* La Rosa, A.H. 41865
Hallenberg, D. *see* Tarbutton, G. 51839
Haller, C. *see* Adam, A. 37280
Haller, E.E., Hsu, L., Wolk, J.A. Far infrared spectroscopy of semiconductors at large hydrostatic pressures 22230
Haller, E.E. *see* Beeman, J.W. 13842
Haller, E.E. *see* Duxstad, K.J. 42251
Haller, E.E. *see* Fan, Z. 12550
Haller, E.E. *see* Farhoomand, J. 33261
Haller, E.E. *see* Fischer, S. 847
Haller, E.E. *see* Gotz, W. 12230
Haller, E.E. *see* Hirsch, M.T. 22438
Haller, E.E. *see* Itoh, K.M. 1991
Haller, E.E. *see* Knowlton, W.B. 42415
Haller, E.E. *see* Shutt, T. 37472
Haller, E.E. *see* Wetzel, C. 12287
Haller, F. *see* Riant, I. 43980
Haller, G. *see* Abe, K. 59233
Haller, J.O. *see* Beitia, A.O. 37698
Haller, J.O. *see* Petchprapa, C.N. 7881
Haller, T. *see* Beck, M. 37265
Hallett, M. *see* Gerloff, C. 59642
Hallett, M. *see* Wassermann, E.M. 28088
Halleux, B.de *see* de Halleux, B.
Hallewell, G. *see* Abe, K. 37234
Hallewell, G. *see* Arrighi, C. 7816
Hallewell, G. *see* Bauer, C. 37326
Hallewell, G. *see* Bauer, C. 37378
Hallewell, G.D. The present status of pixel detector development for high energy physics collider applications 37377
Halley, A. *see* Abt, I. 7783
Halliday, D.M., Rosenberg, J.R., Amjad, A.M., Breeze, P., Conway, B.A., Farmer, S.F. A framework for the analysis of mixed time series/point process data–theory and application to the study of physiological tremor, single motor unit discharges and electromyograms 49630
Halliday, J. *see* Nogaret, E. 19648
Hallidy, W. *see* McMillian, G. 31309
Hallikainen, M., Ahola, P., Rautiainen, K., Pihlflyckt, J., Tirri, T., Makynen, M., Lahtinen, J., Servomaa, H., Makkonen, P., Grandell, J., Kemppinen, M., Nikulainen, M., Taskinen, H., Tauriainen, S., Roschier, M. Overview of EMAC-95 snow and ice airborne campaign in Finland 18877
Hallikainen, M., Kemppinen, M., Rautiainen, K., Pihlflyckt, J., Lahtinen, J., Tirri, T., Mononen, I., Auer, T. Airborne 14-channel microwave radiometer HUTRAD 8400
Hallikainen, M. *see* Hyyppa, J. 50232
Hallikainen, M. *see* Kurvonen, L. 8318

Hallikainen, M. *see* Kurvonen, L. 18900
Hallikainen, M. *see* Kurvonen, L. 50171
Hallikainen, M. *see* Palliainen, J. 8471
Hallil, A. *see* Shimizu, K. 41738
Hallin, C., Yakimova, R., Pecz, B., Georgieva, A., Marinova, T., Kasamokova, L., Kakanakov, R., Janzen, E. Improved Ni ohmic contact on n-type 4H-SiC 54261
Hallin, C. *see* Hultman, L. 696
Hallin, C. *see* Konstantinov, A.O. 748
Hallin, C. *see* Marinova, Ts. 2221
Hallin, C. *see* Owman, F. 12771
Hallin, C. *see* Son, N.T. 31889
Hallin, C. *see* Son, N.T. 42015
Halling, H. *see* Wirrwar, A. 59464
Halliop, W. *see* Dougherty, T.A. 19974
Halliwell, J. *see* Marsh, D. 35757
Halliwell, M.A.G. X-ray diffraction solutions to heteroepitaxial growth problems 40321
Halliwell, N. *see* Denman, M. 59024
Halliwell, N. *see* Tullis, I. 48947
Hallmark, C., Langston, K., Tulkoff, C. Double reflow: degrading fine pitch joints in the wave solder process 41674
Hallquist, E., Sprague, K., Holland, J., Geneva, A., Marino, A. Obtaining accurate "stealth rock" detection/recovery capability utilizing shallow water sonars on coastal/waterway survey vessels 50184
Halls, D. *see* Bates, J. 47318
Halls, J.J.M. *see* Friend, R.H. 44224
Hallstein, S. *see* Berger, J.D. 44527
Halmagean, E., Tsoi, E., Misiakos, K., Ohanisian, M., Veron, A., Cimpoca, V., Lazarovici, D. Improved X-ray silicon detectors for medical applications 49576
Halmark, P. *see* Zatsman, A. 58054
Halonen, K. *see* Koli, K. 21835
Halonen, K. *see* Koli, K. 47837
Halonen, K. *see* Paasio, A. 1670
Halonen, K. *see* Paasio, A. 31434
Halonen, K. *see* Paasio, A. 53480
Halonen, K. *see* Tiiliharju, E. 53402
Haloulakos, G. *see* Haralambopoulos, D.A. 50864
Halperin, A. Defects in quartz related to interstitial Li and Na ions as revealed by luminescence 23670
Halperin, H.R. *see* Blair, D.M. 49384
Halpern, E.J. *see* Cohen, F.S. 59421
Halpern, J. *see* Callon, R.W. 6202
Halpern, M., Knotek, S., Tucker, G.S. A system for grabbing integrated video frames remotely 7211
Halpern, V. The interpretation of thermally stimulated currents obtained by the thermal slicing technique 48834
Halpin, M., Twomey, C. Renewal of transmission and distribution plant at Erne generating station 19605
Halpin, R. Incorporating computer applications into inservice and preservice education: mathematics teachers explore the World Wide Web 39609
Halpin, S.M., Ashcraft, S.R. Design considerations for single-phase uninterruptible power supplies using double-layer capacitors as the energy storage element 38851
Halpin, S.M., Spyker, R.L., Nelms, R.M., Burch, R.F. Application of double-layer capacitor technology to static condensers for distribution system voltage control 19291
Halsall, C.L. *see* Murray, P. 19064
Halsall, F. *see* Eberlein, A. 35549
Halsall, F. *see* Eberlein, A. 35792
Halsall, F. *see* Eyadeh, A. 35901
Halsall, F. *see* Nobles, P. 34062
Halsall, F. *see* Nobles, P. 35775
Halsall, F. *see* Singatwaria, S. 57625
Halsall, M.P., Dawson, P. Raman spectra and lattice dynamics of intermixed AlAs/GaAs superlattices 31967
Halsall, M.P. *see* Harada, K. 12700
Halsey, T.C., Anderson, R.A., Martin, J.E. The rotary electrorheological effect 976
Halski, D. FLASH Fly-By-Light flight control demonstration results overview 59905
Halthore, R.N. *see* Brown de Colstoun, E.C. 18766
Halton, J.M. Engineers as marketing managers 20750
Halunga, S. *see* Fratu, O. 26592
Haluska, J. *see* Timko, J. 60645
Haluskova, M. *see* Timko, J. 60645
Halvarsson, S., Wigren, T., Wahlberg, B. A test statistics for low complexity change detection in dynamic systems based on averaged filter models 25028
Halversen, S.D. *see* Novak, L.M. 19024
Halversen, S.D. *see* Novak, L.M. 28716
Halverson, G.D., Hamilton, M.G. Piecewise nonlinear regression: a statistical look at lamp performance 48394
Halverson, W. *see* Kalkhoran, N.M. 3618
Halvis, J. *see* McKee, R. 17495
Halzapfel, W., Neuschaefer-Rube, U., Neuschaefer-Rube, S. The photoelastic microellipsometer–a new tool for high-resolution force vector measurements 59037
Ham, C.S. *see* Na, N.J. 29004
Ham, F.M., Kostanic, I.N., Cohen, G.M., Gooch, B.R. Determination of glucose concentrations in an aqueous matrix from NIR spectra using optimal time-domain filtering and partial least-squares regression 59535
Ham, F.M. *see* McDowall, T.M. 15237
Ham, F.P.G.M.van *see* van Ham, F.P.G.M.
Ham, S.-J., Lee, S.-B. Experimental study for reliability of electronic packaging under vibration 11011
Ham, T.E. *see* Kizilyalli, I.C. 32380
Ham, T.E. *see* Vuong, H.-H. 43070
Ham, Y.K. *see* Lee, S.Y. 5243
Ham, Y.M. *see* Lee, C. 42824
Ham Chang-Shik *see* Chang-Shik Ham
Ham Dong Han *see* Dong Han Ham
Ham Young Kuk *see* Young Kuk Ham
Hama, H. *see* Robin, D. 17996
Hama, H. *see* Yanagihara, Y. 18288
Hama, T., Etoh, H. Topological routing path search algorithm with incremental routability test 41608
Hama, T. *see* Yoshida, T. 51590
Hamabe, K. *see* Hongqi Tian 50916
Hamabe, M. *see* Kuroda, T. 37176
Hamabe, M. *see* Tsumori, K. 37061
Hamacher, M., Trommer, D., Li, K., Schroeter-Janssen, H., Rehbein, W., Heidrich, H. High bandwidth heterodyne receiver OEIC, fabricated with a three stage MOVPE 16743
Hamacher, M. *see* Heidrich, H. 47997
Hamacher, M. *see* Steingruber, R. 44314
Hamacher, M. *see* Van Dam, C. 47980
Hamacher, T. *see* Krizan, P. 59293
Hamad, A.M., Abdel-Wahab, H.M.S., El-Sehely, E.A.B. An approach to improve airborne radar performance in clutter environment 58426
Hamad, D. *see* Firmin, C. 39857
Hamada, A. *see* Miyake, Y. 19997
Hamada, A. *see* Takigawa, K. 60264
Hamada, E., Fujii, T., Tomizawa, Y., Iimura, S. High density optical recording on dye material discs: an approach for achieving 4.7 GB density 43919
Hamada, H., Mizumoto, I., Chiba, J. Interfaces for synthetic speech creation 56376
Hamada, H. *see* Budoh, A. 46238
Hamada, H. *see* Minami, K. 58593
Hamada, H. *see* Morikawa, Y. 25299
Hamada, H. *see* Nelson, P.A. 25090
Hamada, H. *see* Nelson, P.A. 27192
Hamada, H. *see* Noji, T. 21428
Hamada, K., Nishio, N., Saito, S. Anomalous leakage current reduction by ramping rate control in MeV implantation 12690
Hamada, K. *see* Kato, T. 51866
Hamada, K. *see* Mineji, A. 12691
Hamada, K. *see* Saito, S. 31749
Hamada, K. *see* Watanabe, H. 13434
Hamada, M., Fujiwara, E. A class of error control codes for byte organized memory systems–SbEC-(Sb+S)ED codes 24650
Hamada, M. *see* Fujii, K. 21669
Hamada, M. *see* Sakashita, N. 41142
Hamada, N. A necessary and sufficient condition for the existence of some ternary [n,k,d] codes meeting the Greismer bound 45574
Hamada, N., Helleseth, T. The uniqueness of [87,5,57; 3]-codes and the nonexistence of [258,6,171; 3]-codes 45541
Hamada, N., Helleseth, T. A characterization of some $\{3\upsilon_2+\upsilon_3, 3\upsilon_1+\upsilon_2; 3,3\}$-minihypers and some [15,4,9;3]-codes with $B_2=0$ 45542
Hamada, N., Maekawa, T. A characterization of some $\{3v_i+v_3, 3v_0+v_2; 3,3\}$-minihypers and its applications to error-correcting codes 45543
Hamada, N. *see* Jiemei Zhu 4712
Hamada, N. *see* Nakachi, T. 15350
Hamada, N. *see* Nakachi, T. 35053
Hamada, N. *see* Okano, Y. 57215
Hamada, N. *see* Sudiana, D. 57423
Hamada, N. *see* Takagi, R. 46108
Hamada, N. *see* Watanabe, N. 56521
Hamada, N. *see* Yamashita, K. 34714
Hamada, S., Ishiwatari, H., Mii, T., Nakaoka, M. Saturable reactor and lossless capacitor-assisted soft-switching asymmetrical PWM DC-DC converter with forward-flyback transformer link 51116
Hamada, S., Mii, T., Shimizu, T., Nakaoka, M. Saturable reactor and lossless capacitor-assisted zero voltage transition asymmetrical PWM DC-DC converter with high-frequency transformer link 9330
Hamada, S. *see* Kajiyama, A. 51277
Hamada, S. *see* Katakami, K. 31712
Hamada, S. *see* Kohno, T. 52954
Hamada, S. *see* Takayanagi, S. 20268
Hamada, T., Luo, R.C. Gesture recognition using syntactical hand-sign parsing 46273
Hamada, T., Matsumoto, S. WHT-based composite motion compensated NTSC interframe direct coding 15815
Hamada, T. *see* Kanehara, F. 25322
Hamada, Y., Sano, T., Fujii, H., Nishio, Y., Takahashi, H., Shibata, K. White-light-emitting material for organic electroluminescent devices 3638
Hamada, Y., Yagishita, Y., Yoshida, T., Kawai, M., Kawada, K., Shibasaki, K. Fiber optic transmission equipment 7081
Hamadeh, H. *see* Gurskii, A.L. 40476
Hamadeh, H. *see* Heuken, M. 40319
Hamadeh, H. *see* Taudt, W. 40469
Hamadeh, H. *see* Taudt, W. 40588
Hamadeh, H. *see* Yablonskii, G.P. 55601
Hamaguchi, C. *see* Miura, N. 2198
Hamaguchi, C. *see* Murayama, K. 32359
Hamaguchi, C. *see* Nagasawa, H. 12882
Hamaguchi, C. *see* Sooda, K.-I. 32389
Hamaguchi, C. *see* Wirner, C. 12453
Hamaguchi, C. *see* Yamaji, M. 12959
Hamaguchi, C. *see* Yamanaka, K. 12485
Hamaguchi, H. *see* Feuillet, G. 40306
Hamaguchi, I. *see* Kawamura, K. 22460
Hamaguchi, I. *see* Tachimori, M. 42293
Hamaguchi, K., Sasaoka, H. Characteristics of orthogonal slow-FH/16QAM system with an interference immunity decoding method for digital land mobile communications 6646
Hamaguchi, K., Sasaoka, H. A study of an interference immunity decoding and its implementation for 16QAM on land mobile communications 47744
Hamaguchi, M., Ohmori, Y., Yoshino, K. Voltage- and polarity-tunable multicolor organic electroluminescent devices 33275
Hamaguchi, M., Sawada, H., Kyokane, J., Yoshino, K. A conjugated polymer for blue electroluminescent device: poly(p-phenylene) solubilized by perfluoropropylation 33289
Hamaguchi, M. *see* Horowitz, S.J. 12052
Hamaguchi, S., Rossnagel, S.M. Liner conformality in ionized magnetron sputter metal deposition processes 52810
Hamaguchi, S. *see* Nichols, C.A. 2421
Hamahata, T., Liaw, J. A case study comparison of north American and Japanese in-vehicle navigation systems 58509
Hamaide, J.-P., Pitel, F., Nouchi, P., Biotteau, B., Von Wirth, J., Sansonetti, P., Chesnoy, J. Experimental 10 Gb/s sliding filter-guided soliton transmission up to 19 Mm with 63 km amplifier spacing using large effective-area fiber management 26828
Hamaide, J.-P. *see* Cardinal, S. 26783
Hamaide, J.-P. *see* Kolltveit, E. 16720
Hamaji, Y. *see* Wada, N. 2939
Hamakawa, A., Kato, T., Kobayashi, H., Fukui, J., Nakabayashi, T., Katsuyama, T., Sasaki, G., Shigehara, M., Hattori, Y. Fiber-grating external-cavity-laser with MQW semiconductor optical amplifier for wide-temperature-range operation 14194
Hamakawa, N. *see* Wakamiya, M. 35897
Hamakawa, Y. *see* Abel, C.-D. 3616
Hamakawa, Y. *see* Guang-Pu Wei 7843
Hamakawa, Y. *see* Kitamura, A. 38662
Hamakawa, Y. *see* Kuratani, Y. 2946
Hamakawa, Y. *see* Oishi, Y. 52828
Hamakawa, Y. *see* Toyama, T. 22277
Hamakawa, Y. *see* Wenbiao Wu 23178
Hamakawa, Y. *see* Young-Jae Cho 44266
Hamakawa, Y. *see* Yuitoo, I. 23359
Hamaki, T. *see* Sakaguchi, K. 14727
Hamalainen, M. *see* Watabe, K. 39625
Hamalainen, T., Kivikoski, M. Secure infrared remote control system for automotive applications 51811
Hamalainen, T. *see* Walker, S. 49512
Hamam, H. *see* Berthele, P. 33760
Hamam, Y. *see* Cela, A. 60266
Hamamatsu, Y. *see* Wang Zhonglei 38849
Hamamoto, K., Nishimura, T. The use of the wavelet transform for improvement of axial resolution of pulse-echo ultrasonic image 49434
Hamamoto, K., Sasaki, T., Matsumoto, T., Komatsu, K. Insertion-loss-free 1×4 optical switch fabricated using bandgap-energy-controlled selective MOVPE 16509
Hamamoto, K. *see* Murase, K. 28179
Hamamoto, K. *see* Takeuchi, T. 16728
Hamamoto, K. *see* Takeuchi, T. 26911
Hamamoto, N. *see* Nemoto, Y. 47320
Hamamoto, S. *see* Kawama, Y. 30869
Hamamoto, T., Aizawa, K., Hatori, M. Video compression and enhancement sensors using column-parallel architecture 27660
Hamamoto, T., Morooka, Y., Amano, T., Ozaki, H. An efficient charge recycle and transfer pump circuit for low operating voltage DRAMs 1399
Hamamoto, T. *see* Aizawa, K. 7429
Hamamoto, T. *see* Aizawa, K. 27656
Hamamoto, T. *see* Aizawa, K. 58851
Hamamoto, T. *see* Aoki, M. 1349
Hamamoto, Y., Tsuneta, Y., Kaneyama, C., Tomita, S. Selection of representatives for a nearest neighbor classifier using genetic algorithms 46092
Hamamoto, Y., Uchimura, S., Watanabe, M., Yasuda, T., Tomita, S. Recognition of handwritten numerals using Gabor features 5604
Hamamura, M., Tachikawa, S. The effects of odd-correlation and band-limitation in direct-wave reception systems using broadband spread-spectrum techniques 26529
Hamanaka, F., Katto, M., Ohnishi, S., Kurioka, Y. Measurement of T&T olfactometer standard odors using quartz resonator type gas sensor 48716
Hamanaka, K., Koshi, H. An artificial compound eye using a microlens array and its application to scale-invariant processing 5219
Hamann, D.R. *see* Weldon, M.K. 32203
Hamann, D.R. *see* Weldon, M.K. 54403
Hamann, J.C. *see* Jacquot, R.G. 52018
Hamann, J.C. *see* Puckett, J.A. 20646

Hamann, U. *see* Flaig, J. 31264
Hamano, H. *see* Ihara, T. 47940
Hamano, H. *see* Sato, Y. 10167
Hamano, H. *see* Sato, Y. 11910
Hamano, H. *see* Sato, Y. 41593
Hamano, M., Irie, M. Ultrahigh density optical recording by the use of scanning near-field optical microscope 13552
Hamano, T., Hirayama, H., Aoyagi, Y. New technique for fabrication of two-dimensional photonic bandgap crystals by selective epitaxy 52607
Hamano, T. *see* Minamizawa, M. 10170
Hamano, T. *see* Minamizawa, M. 52217
Hamard, K. *see* Dehili, A. 5407
Hamard, K. *see* Dehili, A. 57222
Hamasaki, H. *see* Tsujita, Y. 37285
Hamasaki, T., Shinohara, Y., Terasawa, H., Ochiai, K.-I., Hiraoka, M., Kanayama, H. A 3-V, 2%-mW multibit current-mode ΣΔ DAC with 100 dB dynamic range 11540
Hamatsu, R. *see* Arai, Y. 37267
Hamatsu, R. *see* Arai, Y. 37268
Hamazaki, S. *see* Takashige, M. 2945
Hamazavi, J. *see* Gstoettner, W. 8153
Hamazumi, Y., Koga, M., Ishii, M., Suzuki, S., Sato, K. Transport performance in optical path cross-connect system employing unequally spaced channel allocation 58272
Hamazumi, Y. *see* Koga, M. 6427
Hambakis, M.A., Toubanaki, L. Technical aspects and procurement evaluation of SCADA systems 19180
Hamberg, R. *see* De Ridder, H. 36338
Hambitzer, G., Dreher, J., Dunger, J., Hefer, B. Rechargeable lithium battery with inorganic electrolyte 9489
Hamblen, D.G. *see* Fenner, D.B. 48518
Hamblin, J.R. *see* Matthewson, M.J. 43949
Hamblion, R. National transmission plan in a competitive environment 57697
Hambrecht, A. *see* Neumerkel, D. 25225
Hambrusch, S.E., Hung-Yi Tu New algorithms for minimizing the longest wire length during circuit compaction 40758
Hamburger, S. *see* Rajapakse, J.C. 59408
Hamchaoui, L *see* Guillemin, F. 16128
Hamdan, A.R. *see* Manaf, A.A. 35303
Hamdan, K. *see* Simon, M. 4435
Hamden-Smith, M.J. *see* Shang Guihua 30922
Hamdi, A.H. *see* Nastasi, M. 10885
Hamdi, M. ORMA: a high-performance MAC protocol for fiber-optic LANs/MANs 47095
Hamdi, M., Wang, L. All-optical MAC protocol for Gbits/sec fiber optic LANs/MANs 25944
Hamdy, K.N., Ali, M., Tewfi, A.H. Low bit rate high quality audio coding with combined harmonic and wavelet representations 14826
Hamed, M. A quick neural network for computer vision of gray images 46217
Hamed, M., Esmail, D. Effect of series and parallel compensation on internal transients in overhead transmission lines 28903
Hamed, S.A. Performance evaluation of three-phase variable-speed DC drive systems with uniform PWM control 51680
Hameister, J. *see* Choroba, S. 49059
Hamel, H. *see* Ellsworth, M.J., Jr. 206
Hamei, H. *see* Ray, S.K. 202
Hamel, J. *see* Moreau, O. 48838
Hamel, J.S. Separating the influences of neutral base recombination and avalanche breakdown on base current reduction in SiGe HBT's 54606
Hamel, J.S., Alison, R.J., Blaikie, R.J. Modeling of output resistance in SiGe heterojunction bipolar transistors with significant neutral base recombination 54590
Hamel, L.-A., Paquet, S. Charge transport and signal generation in CdTe pixel detectors 37335
Hamel de Montchenault, G. *see* Aleksan, R. 59201
Hamelin, F. *see* Noura, H. 52373
Hamelin, J.I.A., D'Attellis, C.E., Mendonca, H., Ruch, M. A new method for quasi on-line eddy current signal analysis: wavelet transform 1004
Hamell, R.L. *see* Tjoelker, R.L. 27324
Hamelmann, F. *see* D'Anna, E. 906
Hamelmann, F. *see* Stock, H.-J. 55377
Hamer, P. *see* McSharry, J. 51647
Hamer, P.S., Lowe, D.M., Wallace, S. Energy-efficient induction motors–performance characteristics and life-cycle cost comparison for centrifugal loads 50969
Hamer, P.S. *see* Swindler, D.L. 61373
Hamernik, R.P. *see* Lei, S.-F. 25074
Hamers, R.J., Yajun Wang, Jun Shan Atomic-level spatial distributions of dopants on silicon surfaces: toward a microscopic understanding of surface chemical reactivity 12173
Hamery, P., Dupire, P., Bruneau, M. Acoustic fields in trapezoidal cavities 54845
Hames, G.A., Beck, S.E., Gilicinski, A.G., Henson, W.K., Wortman, J.J. Influence of HCl on rapid thermal oxides 22576
Hamet, J.F. *see* Dolabdjian, C. 7294
Hamey, G.C. *see* RayChaudhuri, T. 15697
Hameyer, K. *see* De Weerdt, R. 50995
Hameyer, K. *see* De Weerdt, R. 60750
Hameyer, K. *see* Malfait, A. 61175
Hameyer, K. *see* Mertens, R. 53712
Hameyer, K. *see* Nertens, R. 50989
Hamid, A.-K. A neural-network approach to the inverse-scattering problem from a circular conducting cylindrical scatterer 24467
Hamid, A.-K., Al-Duwaish, H. A neural network approach to the scattering from a spherical shell with a circular aperture 34026
Hamid Nawab, S. *see* Winograd, J.M. 25102
Hamida, N.B., Saab, K., Marche, D., Kaminska, B., Quesnel, G. LIMSoft: automated tool for design and test integration of analog circuits 43231
Hamida, N.B. *see* Saab, K. 13093
Hamidi, A.A. *see* Altmeyer, S. 22895
Hamidzadeh, B. *see* To, T.-P.J. 47348
Hamila, R. *see* Cheikh, F.A. 57035
Hamill, T. *see* Magotra, N. 18523
Hamilton, A. Strapdown optical stabilisation system for EO sensors on moving platforms 7411
Hamilton, A. *see* Mayes, D.J. 1657
Hamilton, A. *see* Papathanasiou, K. 31419
Hamilton, B. *see* Chu, C.M. 37038
Hamilton, B.J. SINCGARS system improvement program (SIP) specific radio improvements 60150
Hamilton, B.J. *see* Nagaitsev, S.S. 59172
Hamilton, C., Burroughs, C.J., Benz, S.P. Progress toward an AC Josephson voltage standard 27214
Hamilton, C. *see* Cloeren, J.M. 13365
Hamilton, C.A. *see* Kupferman, S.L. 27217
Hamilton, C.J. *see* Kang, J.U. 44653
Hamilton, C.J. *see* Karkhanehchi, M.M. 55567
Hamilton, C.J. *see* Ooi, B.S. 55291
Hamilton, C.S. *see* Ostwald, P.M. 37861
Hamilton, D.B. Electric propulsion power system–overview 29784
Hamilton, D.J., Pearson, J.S. Classification of partial discharge sources in gas-insulated substations using novel preprocessing strategies 38924
Hamilton, D.J. *see* Sandham, W.A. 59662
Hamilton, D.J. *see* Zell, C.W. 43236
Hamilton, D.W. Selection and implementation of a CMMS 20774
Hamilton, F. Error correction in linear CCD scanners 36652
Hamilton, G. *see* Abbott, J. 196
Hamilton, J. Applying eye pattern measurements to digital communications systems 27878
Hamilton, J. *see* Krulevitch, P. 13200
Hamilton, J.A., Jr., Ratterree, G.R., Brutch, P.C., Pooch, U.W. Public domain tools for modeling and simulating computer networks 26143
Hamilton, J.B. *see* Cheung, C.S. 26248
Hamilton, J.R. ARTS IIE/ARTS IIIE evolution–a move toward ARTS commonality 59993
Hamilton, K. *see* Premuzic, E.T. 60565
Hamilton, M.G. *see* Halverson, G.D. 48394
Hamilton, M.K. *see* Rauss, P.J. 57377
Hamilton, M.W. *see* Stamatescu, L. 55559
Hamilton, S. E-commerce for the 21st century 57926
Hamilton, S.A. *see* Hill, R.A. 26719
Hamilton, S.A. *see* Knoesen, A. 55315
Hamilton, S.E., Longbottom, J.U. The Fox Movietone News Preservation Project: the computer control system 17098
Hamilton, T.W. *see* Woodworth, J.R. 40641
Hamilton, W.J., Rhiger, D.R., Sen, S., Kalisher, M.H., Chapman, G.R., Mills, R.E. HgCdTe/CdZnTe p-i-n high-energy photon detectors 7781
Hamilton, W.J. *see* Barber, H.B. 37663
Hamilton, W.J. *see* Tumer, T.O. 59361
Hamitouche, C. *see* Ibanez, L. 59515
Hamker, F.H., Gross, H.-M. Task-relevant relaxation network for visuo-motory systems 15549
Hamkins, J., Zeger, K. Asymptotically optimal spherical codes 34621
Hamkins, J., Zeger, K. Improved bounds on maximum size binary radar arrays 58427
Hamlin, S.J. *see* Griebner, U. 23844
Hamlin, S.J. *see* Jiang, S. 23846
Hamlin, S.J. *see* Koch, R. 23836
Hamlin, S.J. *see* Wu, R. 6979
Hamlin, S.J. *see* Wu, R. 23845
Hamling, D.T., Kister, J. Understanding your probecard leakage 53736
Hamm, R.A. *see* Lunardi, L.M. 26733
Hamm, R.A. *see* Malik, R.J. 1736
Hamm, R.A. *see* Ren, F. 22793
Hammack, J. *see* Duncan, G. 17515
Hammadi, S.M. *see* Alsunaidi, M.A. 53624
Hammal, R., Rain, P., Hantouche, C., Gosse, J.P. Characterization of partial discharges in impregnated capacitors 21988
Hammal, R. *see* Gosse, B. 31545
Hammam, T. Friction, wear and electric properties of tin-coated tin bronze for separable electric connectors 11803
Hamman, E. *see* Pesquet, J.-C. 24950
Hammel, S. *see* Ferkinhoff, D. 16982
Hammel, S.E., Johnson, H.M., Huber, T.W., Trenorden, P.K. Interactive information pre-processing and control for intelligent data fusion and contact tracking 25234
Hammel, S.E. *see* Nguyen, C.T. 4897
Hammer, C.L. *see* Moeglein, M.L. 47843
Hammer, D.X., Noojin, G.D., Thomas, R.J., Clary, C.E., Rockwell, B.A., Toth, C.A., Roach, W.P. Intraocular laser surgical probe for membrane disruption by laser-induced breakdown 59779
Hammer, J.H. *see* Sanford, T.W.L. 7753
Hammer, J.M., Abeles, J.H., Channin, D.J. Polycrystalline-metal-ferromagnetic optical waveguide isolator (POWI) for monolithic-integration with diode-laser devices 55335
Hammer, M. *see* Jorgensen, F.E. 49002
Hammer, P., Baker, M.A., Lenardi, C., Gissler, W. Synthesis of carbon nitride films at low temperatures 40617
Hammer, P.D., Peterson, D.L., Smith, W.H., Dunagan, S.E., Johnson, L.F., Strawa, A.W., Zott, J., Langford, G. Remote sensing with hyperspectral imagery using DASI–an imaging interferometer 8398
Hammer, V.B., Bendsoe, M.P., Lipton, R., Pedersen, P. Parametrization in laminate design for optimal compliance 40678
Hammer, W. *see* Still, L. 9663
Hammerle, H. *see* Mohr, A. 17564
Hammerle, J., Uhl, A. Approaching real-time processing for fractal compression 57141
Hammerle, J. *see* Uhl, A. 25667
Hammerle, J. *see* Uhl, A. 56863
Hammerle, M. *see* Gooding, J.J. 27700
Hammerly, J.D. *see* Vadari, S.V. 28781
Hammerschmied, C. *see* Qiuting Huang 7239
Hammersley, A.P. *see* Moy, J.P. 7840
Hammersley, V.L., Wharton, S.P., Winter, B.T. Redistribution of NAVSEC-1 composition on zinc anodes during silver-zinc cell cycling 61009
Hammig, M. *see* Zhong He 37333
Hammill, S.C. *see* Brown, M.L. 37768
Hammill, S.C. *see* Gillberg, J.M. 28385
Hammon, J., Bhasavanich, D., daSilva, T., Gilman, C.M., Nielsen, K., Shaw, R. Demonstration of a modular, repetitive-fired 1/4-MJ PFN for ETC guns 51263
Hammon, J., Lam, S.K., Pomeroy, S. A transportable 500 kV, high average power modulator with pulse length adjustable from 100 ns to 500 ns 51262
Hammond, C. *see* Schindhelm, E. 19477
Hammond, D. *see* White, D.G. 49978
Hammond, E.H. *see* Zhou, R. 8033
Hammond, J. *see* Schindler, S.M. 37451
Hammond, J.A. Scale factor variations due to wavelength dependent optical losses in fiber optic gyros 27626
Hammond, L. *see* Olukotun, K. 1436
Hammond, M.L. *see* Savas, S. 2388
Hammond, P. *see* Das, S.K. 18479
Hammond, P.W. A new approach to enhance power quality for medium voltage AC drives 39275
Hammond, R. *see* Martin, K. 20964
Hammond, R.T., Davis, J., Bobb, L. Reflection, absorption, and transmission of ultra-low-frequency electromagnetic waves through a Gaussian conductor 33921
Hammond, S.K. *see* Abdollahzadeh, S. 8181
Hammond, T.D. *see* Lenef, A. 27913
Hammonds, B. *see* Chapman, F.X. 38898
Hammonds, G.L. *see* Lichota, R.W. 25922
Hammonds, G.L. *see* Lichota, R.W. 46718
Hammons, A.R., Jr. *see* Swaminathan, K. 16470
Hammons, B.E. *see* Chui, H.C. 52786
Hammons, B.E. *see* Ejeckam, F.E. 40419
Hammons, B.E. *see* Hou, H.Q. 14175
Hammons, T.J. Asian electricity infrastructure, interconnections and electricity exchanges 19224
Hammons, T.J., Bremner, J.J., Kacejko, P.A. Torques in turbine-generator-exciter shafts due to DC currents in asynchronous HVDC links 60353
Hammons, T.J., Lee, S.K., Low, K.Y. Analysis of torques in large steam turbine driven induction generator shafts following disturbances on the system supply 19558
Hammons, T.J., Lim, C.K., Lim, Y.P., Kacejko, P. Impact of proposed 4 GW Russia-Germany link on Polish grid network 19286
Hammons, T.J., Lim, S.K. Flexible AC transmission systems (FACTS) 60350
Hammons, T.J., Seah, C.C. Torques in multimachine generator shafts due to HVDC rectifier ripple current superimposed on the DC current in asynchronous links 19186
Hammons, T.J. *see* Kacejko, P.A. 19219
Hammons, T.J. *see* Kacejko, P.A. 19285
Hammoud, A., Overton, E. Low temperature characterization of ceramic and film power capacitors 51443
Hammoud, A. *see* Stueber, T.J. 8273
Hammoudeh, A. *see* Pugliese, J.P. 34097
Hammoudeh, A.M., Sanchez, M.G., Grindrod, E. Analysis of millimetric wave propagation in a suburban microcell 45132
Hamnett, A. *see* Ray, S.C. 19982
Hamoir, D., Damzen, M.J., Duffault, L., Simon, F., Ayral, J.-L. Multimode optical parametric oscillation modelling including back-conversion to "pump" at side-frequencies 14375
Hamon, C.H. Optronic line scanning remote sensing for initial detection of land mines 8606
Hamon, L. *see* Jourdan, A. 26441
Hamoniaux, G. *see* Antonetti, A. 14076
Hamouda, R.M. *see* Al-Ohaly, A.A. 38712
Hampden-Smith, M. *see* Atanasova, P. 42714
Hampden-Smith, M. *see* Atanasova, P. 54500
Hampden-Smith, M.J. *see* Bhaskaran, V. 40638
Hampe, C. *see* Kuhlmann, B. 39210
Hampel, M. *see* Worz, M. 12354

Hampel, R., Chaker, N., Kastner, W. Fuzzy control application in power plants 28966
Hampel, T. *see* Dobert, S. 37145
Hampicke, D. *see* Iversen, K. 47445
Hampshire, A.R. *see* Marven, S.S. 18462
Hampshire, J.B., II, Watola, D.A. Diagnosing and correcting system anomalies with a robust classifier 26677
Hampshire, S. *see* Puyane, R. 928
Hampshire, W.B. Some problems in switching to lead-free solders 39754
Hampsink, B.G.M.Olde *see* Olde Hampsink, B.G.M.
Hampson, F.J., Franich, R.E.H., Pesquet, J.-C., Biemond, J. Pel-recursive motion estimation in the presence of illumination variations 56733
Hampson, F.J., Pesquet, J.-C. A nonlinear subband decomposition with perfect reconstruction 15909
Hampton, B. *see* Ponsonby, A. 51423
Hampton, N. *see* Yewen Zhang 32641
Hampton, R.N. *see* Alquie, C. 43572
Hampton, R.N. *see* Fanggao, C. 43561
Hampton, R.N. *see* Kabir, F. 19354
Hampton, R.N. *see* Lewis, T.J. 43449
Hampton, R.N. *see* Wu, X. 43517
Hamsapriye *see* Chakrabarti, A. 10494
Hamsapriye *see* Chakrabarti, A. 30572
Hamster, A.W. *see* le Grand, J.B. 32915
Hamuro, D., Suzuki, H., Suda, K. A study on a software structure of service operations systems and its performance evaluation 35802
Hamza, A.V. *see* Balooch, M. 32578
Hamzaoui, R., Muller, M., Saupe, D. Enhancing fractal image compression with vector quantization 46481
Hamzaoui, R., Muller, M., Saupe, D. VQ-enhanced fractal image compression 56745
Hamzaoui, S. *see* Boudghene Stambouli, A. 2033
Hamzehee, H. *see* Lettie, R. 38488
Han, B., Guo, Y., Lim, C.K. Moire interferometry as a tool for engineering education 30067
Han, B., Guo, Y., Lim, C.K. Application of interferometric techniques to verification of numerical model for microelectronics packaging design 30317
Han, B., Guo, Y., Lim, C.K., Caletka, D. Verification of numerical models used in microelectronics packaging design by interferometric displacement measurement methods 10066
Han, B., Hsin-Tai Yang, Shie-Jue Lee A hybrid diagnosis system for digital circuits 31160
Han, B., Verma, K., Chopra, M., Park, S., Li, L. Effect of substrate CTE on solder ball reliability of flip chip PBGA package assembly 20888
Han, B., Zhang, M.L., Liu, J.Q. A widely convergent generalized pulse-spectrum technique for the coefficient inverse problem of differential equations 21176
Han, B.J. *see* Simmons, W.D. 6576
Han, B.J. *see* Simmons, W.D. 58163
Han, B.K. *see* Adamson, S.D. 772
Han, C.M. *see* Park, W.G. 46594
Han, D.T. *see* Zhou, H. 46604
Han, G.C., Watanabe, K., Awaji, S., Kobayashi, N., Kimura, K. Magnetisation and instability in melt-textured $YBa_2Cu_3O_7$ at low temperature and high fields up to 23 T 43743
Han, H. *see* Hong, J. 2415
Han, J., Smith, R.L., Lander, R. Microfabricated high-energy particle detector 18087
Han, J. *see* Gunshor, R.L. 21237
Han, J. *see* Kozlov, V. 24157
Han, J.-H., Park, M.-S. Repeaterless transmission of the MQW LD directly modulated 10 Gbit/s optical signal over 300 km of dispersion-shifted fiber 26903
Han, J.-P., Gu, J., Ma, T.P. $SrBi_2Ta_2O_9$ (SBT) thin films prepared by electrostatic spray 52749
Han, J.C., Georghiades, C.N. Optimal sequential decoding algorithm for the land mobile fading channel 47711
Han, J.C. *see* Jiang, Z.H. 33809
Han, J.H. *see* Lee, J.H. 34825
Han, J.H. *see* Xia, S. 36529
Han, J.H. *see* Yun, T.Y. 26735
Han, K.-J. *see* Cha, H.-C. 46602
Han, K.-K. *see* Uchida, K. 24451
Han, K.C. *see* Kim, J.W. 47462
Han, K.J., Tewfik, A.H. Expert computer vision based crab recognition system 57306
Han, K.K. *see* Kim, G.R. 56039
Han, K.S. *see* Jae-Tae Seo 44411
Han, L. *see* Fu, G.S. 40642
Han, L.J. *see* Choi, W.K. 31868
Han, M.K. *see* Choi, H.S. 10909
Han, M.K. *see* Kim, S.D. 43146
Han, M.K. *see* Min, B.-H. 12986
Han, M.K. *see* Yun, C.M. 43108
Han, M.K. *see* Yun, C.M. 54617
Han, M.S., Beak, J.H., Oh, Y.T., Kang, T.W., Kim, T.W., Jung In Choi The behavior of the surface charge density in $Hg_xCd_{1-x}Te$ epilayers due to hydrogenation and annealing 2026
Han, M.S., Ryu, Y.S., Song, B.K., Kang, T.W., Kim, T.W. Improvement of the crystallinity of CdTe epitaxial film grown on Si substrates by molecular beam epitaxy using the two-step growth method 54097
Han, M.S., Song, B.K., Hou, Y.B., Baek, W.H., Kang, T.W., Hong, J.K., Jeong, Y.C., Kim, S.U., Park, M.J., Jeoung, Y.T., Kim, H.K., Kim, J.M. The properties of In-doped n-$Hg_{1-x}Cd_xTe$ layers grown by molecular beam epitaxy 42369
Han, M.S. *see* Hou, Y.B. 32113
Han, N. *see* Yamazaki, K. 20445
Han, P. *see* Chen, H. 22295
Han, P. *see* Huang, X.D. 54360
Han, P. *see* Liu, J.L. 12418
Han, Q., Kogami, Y., Tomabechi, Y., Matsumura, K. Resonance characteristics of a coupled dielectric resonator which consists of a dielectric disk resonator and a ring resonator 41402
Han, S. New developments in photoconductive detectors 37406
Han, S., Medioni, G. Reconstructing free-form surfaces from sparse data 5057
Han, S., Wagner, R.S., Gullikson, E. Response of diamond photoconductors to soft X-ray in the spectral range 125 Å to 240 Å 37555
Han, S., Wang, K.K. Flow analysis in a cavity with leadframe during semiconductor chip encapsulation 30224
Han, S. *see* Bauer, C. 37326
Han, S. *see* Bauer, C. 37378
Han, S. *see* Cai, L. 10815
Han, S. *see* Yang, H.Q. 9524
Han, S.G. *see* Lee, M.H. 4062
Han, S.H. *see* Crabtree, G.W. 55087
Han, S.H. *see* Kim, D.W. 34717
Han, S.M., Aydil, E.S. Plasma and surface diagnostics during plasma-enhanced chemical vapor deposition of SiO_2 from $SiH_4/O_2/Ar$ discharges 40543
Han, S.W. *see* Yang, E.H. 32592
Han, T., Orozco-Barbosa, L. Error control schemes for improving the performance of MPEG-based video communication over ATM networks 46591
Han, T.-H. *see* Ryum, B.R. 2608
Han, W.-S. *see* Choi, Y.-S. 2489
Han, W.-S. *see* Kim, Y.-B. 1384
Han, W.-S. *see* Lim, S.-C. 2462
Han, Y. Investigation of non-repudiation protocols 24762
Han, Y., Westwater, E.R., Ferrare, R.A. Applications of Kalman filtering to derive water vapor profiles from Raman lidar and microwave radiometers 8441
Han, Y. *see* Kim, S. 6648
Han, Y. *see* Liu, W.J. 32984
Han, Y.D. *see* Hai Liu 19864
Han, Y.K. *see* Kim, E.K. 52792
Han, Z.Y. *see* Jia, Y.B. 12508
Han Ahn Seung *see* Seung Han Ahn
Han Baik-Hyung *see* Baik-Hyung Han
Han Bong-Soo *see* Bong-Soo Han
Han Byung-Moon *see* Byung-Moon Han
Han Chang *see* Jian Yang 39727
Han Chi-Geun *see* Chi-Geun Han
Han Chi-Moon *see* Chi-Moon Han
Han Chimoon *see* Chimoon Han
Han Chin-Chuan *see* Chin-Chuan Han
Han Ching-Chih *see* Ching-Chih Han
Han Choi Joong *see* Joong Han Choi
Han Chul-Hi *see* Chul-Hi Han
Han Chunming *see* Chunming Han
Han Da Tong *see* Da Tong Han
Han Daxing *see* Daxing Han
Han Dehua, Luo Helie, Yang Zheng Remanent and anisotropic switching field distribution of platelike Ba-ferrite and acicular particulate recording media 13430
Han Dejun *see* Li Guohui 3595
Han Dong Hwan *see* Dong Hwan Han
Han Dong-Hoon *see* Dong-Hoon Han
Han Fang *see* Fang Han
Han Gon Kim *see* Chang Hyun Roh 29027
Han Gunhee *see* Gunhee Han
Han Hak Soo *see* Hak Soo Han
Han Haksoo *see* Haksoo Han
Han Ham Dong *see* Dong Han Ham
Han Hongtao *see* Hongtao Han
Han Hyunyong *see* Hyunyong Han
Han Il-Song *see* Il-Song Han
Han In Taek *see* In Taek Han
Han Jae Choong *see* Jae Choong Han
Han Jae Hong *see* Jae Hong Han
Han Jae-Hong *see* Jae-Hong Han
Han Jai Bok *see* Jai Bok Han
Han Jiaxiang, Xu Zizong, Chen Hongfang, Li Cheng, Zeng Hui Single photon time spectra in gas avalanches 37479
Han Jin-Man *see* Jin-Man Han
Han Jinghong, Cui Dafu, Li Yating, Yu Hao, Cai Xingxin, Zhang Hong On-line measurement system based on biosensors 36724
Han Jingqing *see* Jingqing Han
Han Jiye *see* Jiye Han
Han Joon-Hee *see* Joon-Hee Han
Han Jun Kim *see* Rae Duk Lee 27270
Han Jun Kim *see* Semyonov, Yu.P. 27288
Han Jung, Hee Chul Lee, Choong-Ki Kim Enhancement of the steady state minority carrier lifetime in HgCdTe photodiode using ECR plasma hydrogenation 2341
Han Jung, Hee Chul Lee, Choong-Ki Kim Measurement of the steady-state minority carrier diffusion length in a HgCdTe photodiode 3606
Han Jung *see* Kwan Kim 33263
Han Jung-Gil *see* Jung-Gil Han
Han Jung-Hee *see* Jung-Hee Han
Han Junghyun *see* Junghyun Han
Han Kaixing, Li Xiaodong Optimization of physics parameters in the bunching process for a high-power multicavity klystron 41797
Han Kee Tae *see* Kee Tae Han
Han Ki Chul *see* Ki Chul Han
Han Ki-Jun *see* Ki-Jun Han
Han Kil-Sung *see* Kil-Sung Han
Han Kim Joon *see* Joon Han Kim
Han Kwon Chul *see* Chul Han Kwon
Han Kyu-Phil *see* Kyu-Phil Han
Han Kyung-Koo *see* Kyung-Koo Han
Han Li Hua *see* Gao Cuizhu 53396
Han Lilua, Gao Guizhuo Measurements of on-wafer chips using network analyzer and wafer station 53682
Han LiTing *see* Hu GuoRong 58445
Han Min-Koo *see* Min-Koo Han
Han Myung Soo *see* Myung Soo Han
Han Park Moon *see* Moon Han Park
Han Park Sung *see* Sung Han Park
Han Qing *see* Qing Han
Han Ruqi *see* Kang Jinfeng 19272
Han RuQi *see* RuQi Han
Han Sang Joon *see* Sang Joon Han
Han Sang-Ok *see* Sang-Ok Han
Han Sang-Soo *see* Sang-Soo Han
Han Sejin *see* Sejin Han
Han Sen *see* Fang Zhongyan 8021
Han Seok-Jung *see* Seok-Jung Han
Han Seung-Soo *see* Seung-Soo Han
Han Seung-Youp *see* Seung-Youp Han
Han Shenshen *see* Shenshen Han
Han Shuibao *see* Liu Luofei 38287
Han Sin Lee, Moon Han Park, Yu Gyun Shin, Tai-su Park, Ho Kyu Kang, Sang In Lee, Moon Yong Lee An optimized densification of the filled oxide for quarter micron shallow trench isolation (STI) 2361
Han Sin Lee *see* Tai-Su Park 42593
Han Song *see* Song Han
Han Sung *see* Sung Han
Han Sung-Hyun *see* Sung-Hyun Han
Han Tack-Don *see* Tack-Don Han
Han Tae Man *see* Tae Man Han
Han Te Sun *see* Te Sun Han
Han Vinck, A.J., Keuning, K.J. On the capacity of the asynchronous T-user M-frequency noiseless multiple-access channel without intensity information 25898
Han Vinck, A.J. *see* Morita, H. 24718
Han Vinck, A.J. *see* Schnell, M. 26561
Han Wei *see* Li Guohui 3595
Han Wei Ming, Shi Wan Chun ASIC design considerations for address vector generation in memory test system 53272
Han Wei-Yu *see* Wei-Yu Han
Han Weimin *see* Weimin Han
Han Weiqiang, Fan Shoushan, Gu Binglin Study on crystallization of hydrogenated nanocrystalline silicon carbon films 40536
Han Wen, Han Zhenxiang Relationship between voltage collapse and angle instability [of power systems] 38224
Han Won Seok *see* Won Seok Han
Han Won-Taek *see* Won-Taek Han
Han Wonyong *see* Wonyong Han
Han Xiang Huang *see* Huang Han Xiang
Han Xiaolian, Feng Yunping, Qiu Yuchang, Zheng Xiaoguang, Chen Jinqing Partial discharge and the measurement in GIS 19888
Han Xingcheng, Shao Zhibiao The design of an ASIC-multiplexer used in digital communication 58060
Han Xiu-Feng *see* Xiu-Feng Han
Han Xiufeng *see* Pan Hongge 23296
Han Yan, Yao Qingdong Summarization on CMOS gate array VLSI circuit design 2786
Han Yan *see* Yan Han
Han Yang Foo, Jianjian Song, Wenjun Zhuang, Esbensen, H., Kuh, E.S. Implementation of a parallel genetic algorithm for floorplan optimization on IBM SP2 52990
Han Ying *see* Mao Zepu 59254
Han Ying-Luan *see* Ying-Luan Han
Han Yingduo *see* Yingduo Han
Han Yuejin, Sun Liang, Huang Xiaofeng GKS–1000 process control system in the power plant 28967
Han YueQiu *see* Hu GuoRong 58445
Han Yueqiu *see* Yin Zhonghang 56540
Han Yunjie High speed DSP TMS320C30 development system and its application to OTH-B radar signal processing 58464
Han Zhen-Xiang *see* Zhen-Xiang Han
Han Zhenxiang *see* Han Wen 38224
Han Zhenxiang *see* Xu Enqi 35912
Han Zhenxiang *see* Xu Taishan 28734
Han Zhenxiang *see* Zhenxiang Han
Han Zhou, Chong Hwa Chang, Da Tong Han A dynamic bandwidth allocation scheme for ATM networks 46637
Han-Bin Liang *see* Jun Ma 13148
Han-Bin Lin *see* Ruei-Chang Lu 44009
Han-Il Ko *see* Myeong-Hwan Lee 48787
Han-Kyung Kim *see* Moon-Kyun Oh 57577
Han-Ping Tsai The covering radius of extremal self-dual code D11 and its application 24741
Han-Shen Huang *see* Yi-Tin Ho 48429
Han-Sheng Peng *see* Peng Han-Sheng

Han-Soo Lee, Hongsuk Chung, Young-Hyun Cho, Do-Hee Ahn, Eun Kee Kim Dissolved oxygen removal in a column packed with catalyst 29046
Han-Wei Shen, Hansen, C.D., Livnat, Y., Johnson, C.R. Isosurfacing in span space with utmost efficiency (ISSUE) 15575
Han-Yang You, Jin-Ho Kim, Hwang-Kyu Choi, Sang-Wook Kim, Joo-Ha Seo Design and implementation of a multimedia videotex server based on Dexter hypertext reference model 6049
Hanabusa, M., Liu, Z., Nakamura, N., Hasegawa, H. Pulsed laser deposition of silicon films for solar cell applications 41869
Hanabusa, M., Liu, Z.X., Nakamura, N., Hasegawa, H. Fabrication of silicon solar cells by laser processing 21356
Hanabusa, T. *see* Tominaga, K. 838
Hanada, H., Tsubokawa, T., Tsuruta, S. Possible large systematic error source in absolute gravimetry 18784
Hanada, T., Shimoda, T., Kitamura, M., Nakamura, S. FDM/WDM couplers using silica waveguide deposited by APCVD 26919
Hanada, Y. *see* Fukami, T. 38713
Hanado, H. *see* Satake, M. 28633
Hanafi, H.I. *see* Mandelman, J.A. 21662
Hanafusa, A. *see* Nishio, T. 39108
Hanafusa, H., Hanawa, F., Hibino, Y., Nozawa, T. Reliability estimation for PLC-type optical splitters 33108
Hanafusa, H. *see* Hata, S. 46138
Hanafusa, H. *see* Oguchi, T. 26918
Hanafy, A.E.R. *see* Ibrahim, F. 58452
Hanafy, T.A. *see* Basha, A.M. 8210
Hanai, M., Taniguchi, Y., Yanari, T., Teranishi, T. Insulating characteristics of small SF_6 gas gaps with covered electrodes for lightning impulse voltages 54979
Hanaizumi, H., Kanemoto, Y., Fujimura, S. Automated registration method with disparity detection for remotely sensed multispectral images 46382
Hanaizumi, H., Yamamoto, T., Fujimura, S. A method for automated registration of satellite remote sensing images 56918
Hanaizumi, O. *see* Jeong, K.T. 23950
Hanaizumi, O. *see* Yoda, H. 55370
Hanajik, M., van den Bosch, P.P.J. 3-D scene reconstruction from monocular image sequences 57390
Hanajiri, T. *see* Matsumoto, Y. 43162
Hanaki, M., Araki, T., Yamamoto, H., Yamamura, T. LAN/WAN management integration using ATM CNM interface 35588
Hanaki, S., Nakamoto, T., Moriizumi, T. Artificial odor-recognition system using neural network for estimating sensory quantities of blended fragrance 36778
Hanakit, M. *see* Yamamura, T. 46904
Hanamaki, Y. *see* Pan, W. 44556
Hanamoto, T., Ikeda, H., Tanaka, Y., Mochizuki, T. Small vibration suppression control of brushless DC motors with periodical disturbance 60786
Hanamura, T. *see* Miyamori, H. 26411
Hanaoka, H. *see* Matsumoto, H. 38627
Hanaoka, K.-I. *see* Kusakabe, Y. 30900
Hanaoka, M. *see* Kurebayashi, H. 53011
Hanaoka, R., Kohrin, T., Miyagawa, T., Nishi, T. Creepage discharge characteristics over solid-liquid interfaces with grounded side electrode 23127
Hanaoka, R. *see* Nishi, T. 38389
Hanaoka, R. *see* Yamasaki, H. 20057
Hanaoka, Y. *see* Nakajima, H. 7024
Hanatani, S., Fukashiro, Y., Kaneko, S., Miura, A., Oishi, A. 10 channel fully-integrated high-speed optical transmitter module with a through-put larger than 8 Gbit/s 26810
Hanatani, S. *see* Tsushima, H. 26836
Hanawa, F. *see* Hanafusa, H. 33108
Hanawa, H. *see* Loewenhardt, P.K. 54478
Hanawa, H. *see* Nakajima, H. 52832
Hanawa, H. *see* Ye, Y. 54477
Hanawa, T., Kamon, K., Nakae, A., Nakao, S., Moriizumi, K. Fast and accurate optical proximity correction based on aerial image simulation 2533
Hanawa, T. *see* Nakae, A. 32259
Hanayama, M. *see* Sato, Y. 49504
Hanazato, Y. *see* Isoda, S. 60090
Hanazawa, M., Watanabe, Y., Sekimoto, H. Negative-resistance analysis of Colpitts crystal oscillators with a tank circuit 11037
Hanazawa, Y. *see* Guang Xu 33379
Hanba, S. *see* Yamashita, K. 31373
Hanba, S. *see* Yamashita, K. 31374
Hanba, S. *see* Yamashita, K. 34714
Hanba, S. *see* Yamashita, K. 38720
Hanben Nin *see* Nin Hanben
Hanben Niu *see* Niu Hanben
Hanbin Kim, Eui-Young Chung, Kyu-Myung Choi, Jeong-Taek Kong, Sang-Hoon Lee Timing verification with the non-periodic gated clocking 11285
Hanbury, C.M., Miller, W.G., Harris, R.B. Antibody characteristics for a continuous response fiber optic immunosensor for theophylline 7444
Hanchak, C. *see* Kurczynski, P. 59369
Hanchak, C. *see* Stahle, C.M. 37354
Hanchek, F., Dutt, S. Design methodologies for tolerating cell and interconnect faults in FPGAs 1245
Hanchek, F. *see* Dutt, S. 31237
Hanchun, Y. *see* Xiong, Z. 14466
Hancke, G.P., Malan, R. On-line particle size distribution analysis of pulverised coal 9104
Hancock, B. *see* Groat, J. 18624
Hancock, E.N. *see* Moss, S. 27048
Hancock, E.R. *see* Finch, A.M. 5392
Hancock, E.R. *see* Finch, A.M. 25563
Hancock, E.R. *see* Leite, J.A.F. 5361
Hancock, E.R. *see* Leite, J.A.F. 25669
Hancock, E.R. *see* Leite, J.A.F. 56656
Hancock, E.R. *see* Sharp, N.G. 35310
Hancock, E.R. *see* Turner, M. 5362
Hancock, E.R. *see* Wilson, R.C. 5052
Hancock, E.R. *see* Wilson, R.C. 15884
Hancock, G.C. *see* Stroev, V.A. 60260
Hand, D.J. *see* Oliver, J.J. 40012
Hand, D.P. *see* Kidd, S.R. 17773
Hand, J.W. *see* Webb, D.J. 37700
Hand, R.G. *see* Hawkins, J.M. 51486
Handa, K. *see* Kanai, H. 933
Handa, K. *see* Mukaeda, S. 11775
Handa, N. *see* Tsuno, K. 31734
Handa, S. *see* Hayashibe, R. 59440
Handa, S. *see* Mori, H. 37762
Handa, S. *see* Murata, Y. 13460
Handa, T. *see* DeWitt, J. 59243
Handa, T. *see* Ohsugi, T. 37385
Handa, T. *see* Ohsugi, T. 37392
Handa, T. *see* Terada, S. 37391
Handa, T. *see* Unno, Y. 37395
Handa, Y. *see* Hoshimiya, N. 59810
Handel, P. *see* Wigren, T. 25136
Handel, T.G., Sandford, M.T., II. Hiding data in the OSI network model 25939
Handels, H., Breuer, U., Ross, T., Szabo, K. Volume visualization of capillary vessel systems 18224
Handels, H., Busch, C., Encarnacao, J., Hahn, C., Kuhn, V., Miehe, J., Poppl, S.I., Rinast, E., Rossmanith, C., Seibert, F., Will, A. KAMEDIN: a telemedicine system for computer supported cooperative work and remote image analysis in radiology 37933
Handels, H. *see* Rossmanith, C. 18396
Handerek, J. *see* Benedek, G. 31684
Handerek, V. *see* Feced, R. 48579
Handerek, V.A. *see* Ezbiri, A. 48638
Handerek, V.A. *see* Feced, R. 23513
Handerek, V.A. *see* Parker, T.R. 48635
Handerek, V.A. *see* Parvaneh, F. 17411
Handerek, V.A. *see* Parvaneh, F. 58777
Handers, T.A., Lancaster, J.L., Kopp, D.T., Lasher, J.C., Blumhardt, R., Fox, P.T. Rapid objective measurement of gamma camera resolution using statistical moments 49422
Handkiewicz, A., Sniatala, P., Domanski, M., Lukowiak, M. SI technique application for colour image processing 11567
Handley, J.C., Dougherty, E.R. Maximum-likelihood estimation for the discrete Boolean random function 15926
Handley, M. *see* Kirstein, P.T. 6237
Handran, D. *see* Bass, R.M. 29795
Hands, L.J. *see* Bastin, M.E. 49495
Hands, L.J. *see* Cowie, A.G. 49494
Handschin, E., Langer, M. Integrated modelling of active and reactive power 38256
Handschin, E. *see* Gaul, A.J. 50424
Handschin, E. *see* Ju, P. 19058
Handschin, E. *see* Ju, P. 38216
Handschin, E. *see* Logeay, Y. 8788
Handschuh, R. *see* Kelly, M.K. 41955
Handstein, A., Wecker, J., Schnitzke, K., Hinz, D., Schultz, L. Mechanically alloyed anisotropic Nd-Fe-B powder 3100
Handstein, A. *see* Cao, L. 3135
Handstein, A. *see* Mueller, K.-H. 3051
Handwerker, C.A. *see* Moon, K.W. 10999
Handwerker, C.A. *see* Warren, J.A. 1806
Handy, H. *see* Gonzalez, B. 1847
Handy, R. *see* Harder, G. 37413
Hane, K. *see* Goto, K. 36836
Hane, K. *see* Kumazaki, H. 52818
Hane, M., Ikezawa, T., Hiroi, M., Matsumoto, H. Dopant diffusion model refinement and its impact on the calculation of reverse short channel effect 43069
Hane, M., Rafferty, C.S., Ikezawa, T., Matsumoto, H. Boron diffusion model refinement and its effect on the calculation of reverse short channel effect 12955
Hane, M. *see* Kinoshita, T. 2362
Hane, M. *see* Kinoshita, T. 54466
Hanebeck, J. *see* Naeem, M. 54481
Hanebeck, U.D., Schmidt, G. Closed-form elliptic location with an arbitrary array topology 25197
Haneczok, G. *see* Zbroszczyk, J. 23308
Haneda, H. *see* Wilhite, H. 9728
Haneda, S. *see* Nishida, K. 40363
Haneda, T., Shimanaka, T., Wakabayashi, K., Yoshino, Y. Laser mask repair technology for 256M DRAM reticle 22695
Haneda, Y. *see* Makino, S. 15013
Hanein, Y., Shtrikman, H., Meirav, U. Very low density two dimensional hole gas in an inverted GaAs/AlAs interface 42058
Haneishi, H. *see* Imai, F.H. 48796
Haneishi, M. *see* Iizuka, H. 34472
Haneishi, M. *see* Yamamoto, N. 34474
Haneman, D., Li, D.G., McAlpine, N.S., Kaalund, C.J. Recent progress in investigation of luminescent and electrical phenomena from semiconductor cleavage 41841
Haneman, D. *see* Kuznetsov, V.A. 32352
Haneman, D. *see* Kuznetsov, V.A. 48534
Haner, M., Nielsen, T.N., Nykolak, J., Chen, H.Z., Tanbun-Ek, T., Vengsarkar, A., Walker, K.L., Wecht, K. Broadband fiber loops with wireless access 16744
Haney, L. *see* Lubin, B.J. 27166
Haney, L.N. *see* Reece, W.J. 35682
Haney, M.J. *see* Bergeld, T.J. 59334
Haney, M.J. *see* Bergfeld, T.J. 59333
Haney, M.W., Osborne, C.B., Christensen, M.P. Smart pixel algorithmic tradeoffs for the Sliding Banyan network 36177
Haney, M.W. *see* Christensen, M.P. 33334
Haney, S.J. *see* Nguyen, K.B. 32401
Haney, S.J. *see* Ray-Chaudhuri, A.K. 22719
Hanfen Mao *see* Mao Hanfen
Hanfland, M. *see* Besson, J.M. 22246
Hang, H.-M. *see* Chang, F.-C. 16399
Hang, H.-M. *see* Chou, Y.-M. 56632
Hang, K.W. *see* LaBranche, M.H. 61294
Hang, R. *see* Kotthaus, S. 40675
Hang, Z., Renfors, M. A new optimal design method of interpolator for all-digital receiver 45968
Hang Fan-Ren *see* Fan-Ren Hang
Hang Fang, Liu Zhuo Power wheeling and its cost 60247
Hang Gao *see* Gao Hang
Hang Hsueh-Ming *see* Hsueh-Ming Hang
Hang Ji *see* Ji Hang
Hang Joon Kim *see* Dae Wook Kim 57040
Hang Joon Kim *see* Sang Kyoon Kim 57308
Hang Li *see* Li Hang
Hang Li Qing *see* Qing Hang Li
Hang Liu, El Zarki, M. Performance of video transport over wireless networks using hybrid ARQ 46269
Hang Liu *see* Ji Du 46394
Hang Sung-Min *see* Sung-Min Hang
Hang-Bong Kang A new 3D segmentation method for region-based video coding 15896
Hang-Wai Law, Hui, I.K., Poon, K.K. Automatic process planning system for the manufacture of unpopulated printed circuit boards 41618
Hanganu, A., Fagarasanu, F. CMOS implementation of fuzzy analog circuitry: Technological error propagation over fuzzy output 43287
Hangarter, K. *see* Brock, I.C. 37039
Hanger, G.F. *see* Tong, J.K. 42463
Hangirgekar, S.G., Joshi, M.Y., Ranade, S.R., Patro, Y.G.K. Development of low pulse width modulator for airborne applications 49945
Hangleiter, A., Frankowsky, G., Harle, V., Steuber, F., Scholz, F. Experimental analysis of room-temperature optical gain in GaInN-GaN and GaN-AlGaN double heterostructures and quantum wells 55639
Hangleiter, A. *see* Geng, C. 40459
Hangleiter, A. *see* Im, J.S. 31847
Hangleiter, A. *see* Knorr, C. 22332
Hangleiter, A. *see* Konig, P. 3459
Hangleiter, A. *see* Kuhn, J. 55661
Hangleiter, A. *see* Moritz, A. 55633
Hangleiter, A. *see* Ottenwaelder, D. 52654
Hangleiter, A. *see* Scholz, F. 30829
Hangleiter, A. *see* Scholz, F. 40365
Hangleiter, A. *see* Sogawa, F. 3879
Hangsjaa, P.O. *see* Negri, A.J. 47925
Hangstrup, M. *see* Pedersen, T.S. 50757
Hangu Yeo, Yu Hen Hu A novel architecture and processor-level design based on a new matching criterion for video compression 35074
Hangyo, M. *see* Tonouchi, M. 43745
Hani, S. Special safety aspects of work on heavy-current installations 134
Hani, S. *see* Schoni, F. 8918
Hanidu, G.A., Rachedine, M., Oladipupo, A., Jothimurugesan, K., Adeyiga, A.A. The impact of Academic Enrichment Program at Hampton University 20609
Hanidu, G.A. *see* Rachedine, M. 20474
Hanidu, G.A. *see* Reddy, C.J. 20669
Haniotakis, T. *see* Tsiatouhas, Y. 43257
Hanisch, D. *see* Brandenburg, U.W. 58115
Hanisch, H., Kampfer, H., Holle, R. Improved precision of high current measurement in the Institute "Test field for high power electrical technology" 58952
Hanish, A.A., Dillon, T.S. Object-oriented modelling of communication protocols for re-use 46786
Hanish, C.K. *see* Thomas, S., III 54393
Hanitsch, R. *see* Krauter, S. 39179
Hanitsch, R. *see* Quaschning, V. 39172
Hanitsch, R. *see* Rolim, L.G.B. 9583
Hanjalic, A. *see* Steinbach, E. 56725
Hanji, M. *see* Nakazawa, M. 13316
Hanji, M. *see* Nakazawa, M. 13329
Hanjuan Jin *see* Jin Hanjuan
Hanjura, A.K. *see* Sen Gupta, A. 48956
Hanke, G. *see* Nohr, W.-D. 314
Hanke, K. Measurement of the bunch length at the TESLA Test Facility linac 18013
Hanke, P. *see* Brawn, I. 59325
Hanke, U. *see* Muller, H.-O. 54712
Hanke, U. *see* Muller, H.-O. 54714

Hankeln, M. *see* Schikora, D. 782
Hanket, G. *see* McCandless, B.E. 39061
Hankins, O.E., Bourham, M., Mann, D. Observations of visible light emission from interactions between an electrothermal plasma and a propellant 33858
Hankinson, M., Vincent, T., Irani, K.B., Khargonekar, P.P. Integrated real-time and run-to-run control of etch depth in reactive ion etching 32168
Hankla, A.K. *see* Bowers, M.W. 55880
Hankle, A.K. *see* Bowers, M.W. 33656
Hanks, G.E. *see* Lau, H.Y. 59400
Hanks, R.L. *see* Newton, M.A. 59105
Hanks, S. *see* Etzioni, O. 6195
Hanku-Joe *see* Chang-Su Huh 23159
Hankui, E., Harada, T. A correction method for the error caused by magnetic field measurement in SAR estimation 8217
Hanle, E. Polarimetric antenna influences with synthetic aperture radar at off-broadside 16920
Hanley, C. *see* Taylor, R. 50837
Hanley, J.J. *see* Hegeon Kwun 40741
Hanley, J.P. *see* Linder, E.B. 37998
Hanli Liu *see* Chance, B. 8008
Hanliang Bo *see* Bo Hanliang
Hanlin Wang, Jin, M.Y., Jarnagin, R.C., Bunning, T.J., Adams, W., Cull, B., Yushan Shi, Kumar, S., Samulski, E.T. Thermally stable nonlinear optical activity in a smectic-A liquid crystal 24149
Hanlon, M. *see* Beringer, J. 37394
Hanlon, T. *see* Zwolinski, M. 22032
Hanlon, T. *see* Zwolinski, M. 41634
Hanmin Jin *see* Jin Hanmin
Hanmin Shi *see* Cao Wei 2994
Hanming Zhang *see* Zhang Hanming
Hann, D.B., Greated, C.A. Measurement of acoustic particle velocity using particle image velocimetry techniques 59018
Hann, R.E. *see* Wang, N. 14564
Hanna, D.C. *see* Amin, J. 24150
Hanna, D.C. *see* Boltig, C. 14056
Hanna, D.C. *see* Butterworth, S.D. 24119
Hanna, D.C. *see* Clarkson, W.A. 14084
Hanna, D.C. *see* Friel, G.J. 3775
Hanna, D.C. *see* Koch, R. 23836
Hanna, D.C. *see* Martin, K.I. 14051
Hanna, D.C. *see* Martin, K.I. 23850
Hanna, D.C. *see* Martin, K.I. 55884
Hanna, D.C. *see* Paschotta, R. 23827
Hanna, D.C. *see* Paschotta, R. 33419
Hanna, D.C. *see* Paschotta, R. 44380
Hanna, D.C. *see* Paschotta, R. 44387
Hanna, D.C. *see* Pask, H.M. 23786
Hanna, D.C. *see* Shepherd, D.P. 33453
Hanna, M.C. *see* Poles, E. 2042
Hanna, M.T. Velocity filters for multiple signal extraction by multiple coherent interference attenuation in sensor array data 4729
Hanna, R.A., Prabhu, S. Medium voltage adjustable speed drives–users' and manufacturers' experiences 51649
Hanna, S. *see* Ruth, R.D. 49165
Hanna, S.M. *see* Miller, R.H. 49048
Hanna, S.M. *see* Seidel, M. 49050
Hanna, T.E. *see* Quatieri, T.F. 15249
Hanna, V.F., Picon, O., Visan, S. Finite difference time domain characterization of coplanar waveguide structures 41383
Hanna, V.F. *see* Guillouard, K. 21899
Hanna, V.Fouad *see* Fouad Hanna, V.
Hanna Goerres, M.D. *see* Arturo Leis, A. 37804
Hannaford, B. *see* Greivell, N.E. 37709
Hannah, A. Electrical field measurements on an EPRI two-pole, 20-hp Written Pole motor 60637
Hannah, I. The management of quality in higher education: a perspective from Scotland 9846
Hannah, J.M. *see* Antoszczyszyn, P.M. 56963
Hannaman, G.W. *see* Mahn, J.A. 38558
Hannan, J.M., Kiernan, L.A., Warwick, K., Majithia, S. Intelligent methods for load forecasting 38310
Hannan, M., Giannetta, R.W., Grundbacher, R., Adesida, I., Eom, J., Chandrasekhar, V. Conductance studies in a double-bend quantum structure 31985
Hannan, M., Grundbacher, R., Adesida, I., Giannetta, R.W. Fabrication of quantum nanostructures for the measurement of thermoelectric phenomena 22898
Hanneborg, A. *see* Steinsland, E. 13183
Hannig, C. *see* Frank, C. 677
Hannon, M.H., Dashiell, M.W., DiNetta, L.C., Barnett, A.M. Lightweight, light-trapped, thin GaAs solar cell for spacecraft applications: progress and results update 37983
Hano, M., Nishimura, M. Non-cubic-cell time-domain method and its application to eigenvalue problems 44881
Hanover, G. *see* Kia, T. 59886
Hanqi Zhuang, Wen-Chiang Wu Camera calibration with a near-parallel (ill-conditioned) calibration board configuration 15962
Hanqi Zhuang, Wen-Chiang Wu, Roth, Z.S. Camera assisted calibration of SCARA arms 15917
Hanqin Zhang *see* Hong Chen 52412
Hanqiu Li *see* Li Hanqiu
Hanquan, Y. *see* Bayford, R.H. 18446
Hanquan, Y. *see* Holder, D.S. 18458
Hanquan, Y. *see* Holder, D.S. 18459
Hans, M.C., Bhaskaran, V. A compliant MPEG-1 layer II audio decoder with 16-b arithmetic operations 56345
Hans, R.M. *see* Bergeld, T.J. 59334
Hans, R.M. *see* Bergfeld, T.J. 59333
Hans-Jorg Wenz Note on fast evaluation of best L_2 approximation polynomials on simplices 52538
Hansalia, C.J. *see* Rao, C.V.S. 36575
Hansborough, L. *see* Schneider, J.D. 7708
Hansborough, L.D. *see* Sherman, J.D. 49174
Hansch, T.W. *see* Udem, T. 27341
Hansch, T.W. *see* Xu, L. 33437
Hansel, S.J. *see* Koga, R. 21749
Hansel, S.J. *see* Penzin, S.H. 29438
Hansen, A. *see* Ferreira, J.N. 6253
Hansen, B. *see* Sutton, S. 24872
Hansen, B.H. *see* Hanson, S.G. 52893
Hansen, B.J. *see* Shaukatullah, H. 10145
Hansen, C.D. *see* Han-Wei Shen 15575
Hansen, C.K. Effectiveness of yield-estimation and reliability-prediction based on wafer test-chip measurements 54741
Hansen, D., Loerzer, M., Ristau, D. CE conformance in electronics at low cost? 14627
Hansen, D., Ristau, D., Radasky, W.A., Smith, K.S. Sources of problems in the GTEM field structure and recommended solutions 45228
Hansen, D. *see* Radasky, W.A. 45229
Hansen, D.A., Luo, J.S., Nguyen, J., Fawley, G., Davis, S., Marty, L.F., Yang, F. Characterization of W CMP processes for 200 mm applications 54421
Hansen, E., Neeper, R. Harness and cable testing philosophy and strategy 53720
Hansen, E.R. Preconditioning linearized equations 40202
Hansen, F., Salama, C.A.T. Clock- and data-recovery IC with demultiplexer for a 2.5 Gb/s ATM physical layer controller 6400
Hansen, G., Herke, R. AMLCD modeling and display performance at Image Quest Technologies 59948
Hansen, G. *see* Bogen, M. 6223
Hansen, G. *see* Bogen, M. 16391
Hansen, G. *see* Syroid, D. 18625
Hansen, G. *see* Syroid, D. 59949
Hansen, G.L., Sparrow, E.M., Kokate, J.Y., Leland, K.J., Iaizzo, P.A. Wound status evaluation using color image processing 28217
Hansen, G.Lokken *see* Lokken Hansen, G.
Hansen, H. *see* Liersch, G. 29011
Hansen, H. *see* Mitts, H. 6639
Hansen, H. *see* Mitts, H. 47690
Hansen, H.H. *see* Blaabjerg, F. 51181
Hansen, I.G. *see* Mildice, J.W. 20141
Hansen, I.G. *see* Roth, M.E. 19938
Hansen, J., Nussbaum, M. Application of bismuth-telluride thermoelectrics in driving DNA amplification and sequencing reactions 37584
Hansen, J.H.L. Analysis and compensation of speech under stress and noise for environmental robustness in speech recognition 24829
Hansen, J.H.L. *see* Arslan, L.M. 15063
Hansen, J.H.L. *see* Arslan, L.M. 45684
Hansen, J.H.L. *see* Bou-Ghazale, S.E. 24826
Hansen, J.H.L. *see* Pellom, B.L. 15076
Hansen, J.H.L. *see* Womack, B.D. 15124
Hansen, J.H.L. *see* Womack, B.D. 24828
Hansen, J.L. *see* Larsen, A.N. 41821
Hansen, J.P., Scheff, K. A time domain examination of spikey sea clutter 36254
Hansen, K., Andersen, J.D. Understanding the Hough transform: Hough cell support and its utilisation 39983
Hansen, K., Nogueras, A. Receiver RF design considerations for wireless communications systems 6487
Hansen, K. *see* Burger, J. 28046
Hansen, K. *see* Eick, W. 28034
Hansen, K. *see* Eick, W. 59238
Hansen, K. *see* Reinecke, M. 58278
Hansen, K.V., Toft, P.A. Fast curve estimation using preconditioned generalized Radon transform 15485
Hansen, L.K., Andersen, L.N., Kjems, U., Larsen, J. Revisiting Boltzmann learning: parameter estimation in Markov random fields 25746
Hansen, L.K., Guanghan Xu Geometric properties of the blind digital co-channel communications problem 16613
Hansen, L.K., Guanghan Xu A fast sequential source separation algorithm for digital cochannel signals 34765
Hansen, L.K. *see* Klebaek, H. 28197
Hansen, L.K. *see* Wilhjelm, J.E. 37751
Hansen, M. *see* Bruske, J. 15868
Hansen, M. *see* Burt, P. 17699
Hansen, M. *see* Kollmeier, B. 34672
Hansen, M.O., Poulsen, T. Evaluation of noise in hearing instruments caused by GSM and DECT mobile telephones 28434
Hansen, N., Bourn, C. Tape-and-reel packaging scores quality gains with the help of machine vision 10198
Hansen, N., Bourn, C. Quality gains in tape and reel packaging 30207
Hansen, O.P., Kraak, W., Minina, N., Olsen, J.S., Saffian, B., Savin, A.M. Spin splitting in a 2D hole system under uniaxial compression 22306
Hansen, P. Hierarchical test generation: Taking boundary scan to the next level 31611
Hansen, P., Kuplinsky, J., De Werra, D. Mixed graph colorings 40072
Hansen, P.B., Eskildsen, L., Grubb, S.G., Stentz, A.J., Strasser, T.A., Judkins, J., DeMarco, J.J., Pedrazzani, R., DiGiovanni, D.J. Capacity upgrades of transmission systems by Raman amplification 26879
Hansen, P.B., Eskildsen, L., Grubb, S.G., Vengsarkar, A.M., Korotky, S.K., Strasser, T.A., Alphonsus, J.E.J., Veselka, J.J., DiGiovanni, D.J., Peckham, D.W., Truxal, D., Cheung, W.Y., Kosinski, S.G., Wysocki, P.F. 10 Gb/s, 411 km repeaterless transmission experiment employing dispersion compensation and remote post- and pre-amplifiers 26730
Hansen, P.B., Kloch, A., Aakjer, T., Rasmussen, T. Switching power reduction in nonlinear directional couplers by using an asymmetric waveguide design 13652
Hansen, P.B., Stent, A.J., Eskilden, L., Grubb, S.G., Strasser, T.A., Pedrazzani, J.R. High sensitivity 1.3 μm optically preamplified receiver using Raman amplification 6755
Hansen, P.B. *see* Mikkelsen, B. 26895
Hansen, P.C., Jensen, S.H. Filter model of reduced-rank noise reduction 34755
Hansen, P.K. *see* Schaab, J.A. 17709
Hansen, P.L. *see* Gibson, G.M. 44703
Hansen, R. *see* Kroposki, B. 39112
Hansen, R. *see* Strand, T. 39111
Hansen, R. *see* van Dyk, E.E. 50849
Hansen, R.B., Hattel, T., Bork, J., Rasmussen, H. Sliding mode control of induction motor phase currents 51004
Hansen, R.C. Finite array scan impedance Gibbsian models 14759
Hansen, R.C. Comments on "Radial line planar monopulse antenna" 45417
Hansen, R.D., Allen, B.J. Calibration of a total body potassium monitor with an anthropomorphic phantom 7866
Hansen, R.G. Current and projected state of Joule-Thomson cooling technology 17497
Hansen, S. *see* Blaabjerg, F. 50952
Hansen, S. *see* Blaabjerg, F. 51181
Hansen, S.P., Hinkle, L.D., Sullivan, J.J. Understanding the basics of process pressure control 13058
Hansen, T. Cool storage may help solve peaking capacity dilemmas 19549
Hansen, T. *see* Pedersen, T.S. 50757
Hansen, T.B. Formulation of spherical near-field scanning for electromagnetic fields in the time domain 45369
Hansen, T.B. *see* Yaghjian, A.D. 56032
Hansen, T.L. *see* Malnes, E. 56056
Hansen, T.W. *see* Schmerek, D. 22389
Hansen, V. *see* Eibert, T.F. 24325
Hansen, W. *see* Govorov, A.O. 3463
Hansen, W. *see* Kotthaus, J.P. 12447
Hansen, W.L. *see* Beeman, J.W. 13842
Hansen, W.L. *see* Fischer, S. 847
Hansen, W.L. *see* Itoh, K.M. 1991
Hansenne, E. *see* Lilien, J.L. 50634
Hansford, W. *see* Emerling, M. 7100
Hansford, W. *see* Peltier, J. 53876
Hansheng Peng *see* Peng Hansheng
Hansl-Kozanecka, T. *see* Bystricky, J. 59318
Hansli, W. *see* Pye, G. 28713
Hansma, P.K. *see* Walters, D.A. 2857
Hansman, R.J., Jr. *see* Bachelder, E.N. 18653
Hanson, A. *see* Marengoni, M. 25463
Hanson, A.P., Grigsby, L.L. A generalized admittance matrix based radial state estimator formulation 50540
Hanson, A.R. *see* Zhongfei Zhang 25621
Hanson, B.A. *see* Applebaum, T.H. 15120
Hanson, C.M. *see* Leibovitch, M. 54160
Hanson, D.A., Goossens, R.J.G., Redford, M., McGinty, J., Kibarian, J.K., Michaels, K.W. Analysis of mixed-signal manufacturability with statistical technology CAD (TCAD) 2775
Hanson, D.L. *see* Olson, C.L. 59161
Hanson, G. *see* Arai, Y. 37267
Hanson, G. *see* Arai, Y. 37268
Hanson, G.W. Full-wave simulation of coupled ferrite microstrip ridge structures 31465
Hanson, G.W., Yakovlev, A.B. Analysis of the mode coupling phenomena in multilayer waveguiding structures 34146
Hanson, G.W. *see* Yakovlev, A.B. 24539
Hanson, G.W. *see* Yakovlev, A.B. 31464
Hanson, J., Koenig, D., Reher, H.-J., Judd, M.D., Bryant, D. Fault arc resistance of cable bundles for space applications 8272
Hanson, J., Konig, D. Fault arc effects under vacuum conditions on cable bundles for space applications 28495
Hanson, J.M. *see* Hess, C.P. 59496
Hanson, M. *see* Allen, C.R. 48216
Hanson, M.W. *see* Turkington, T.G. 59501
Hanson, R. *see* Fang, R. 35873
Hanson, R.C. *see* Levine, E.R. 50148
Hanson, S.G., Lindvold, L.R., Hansen, B.H. Industrial implementation of diffractive optical elements for nondestructive testing 52893
Hanson, S.G. *see* Rose, B. 36919
Hanson, S.J. *see* Petsche, T. 60747

Hanson, T. *see* Feighery, P. 59868
Hanson, W. *see* Weaver, G. 32759
Hanson, W.P. *see* Wickard, T.E. 13348
Hanssen, R. *see* Scherbakov, A. 48110
Hanssmann, M.G. *see* Drew, M.A. 43198
Hansson, A.I. *see* Englund, E.K. 34604
Hansson, G. *see* Eriksson, P. 48536
Hansson, G.V. *see* Buyanova, I.A. 2167
Hansson, G.V. *see* Chen, W.M. 2112
Hansson, G.V. *see* Joelsson, K.B. 31888
Hansson, G.V. *see* Ni, W.-X. 2168
Hansson, G.V. *see* Nur, O. 42930
Hansson, G.V. *see* Nur, O. 54265
Hansson, G.V. *see* Radamson, H.H. 1989
Hansson, G.V. *see* Tang, Y.S. 2173
Hansson, G.V. *see* Tang, Y.S. 33296
Hansson, H. *see* Rydberg, M. 12679
Hansson, M., Salomonsson, G. A multiple window method for estimation of peaked spectra 45753
Hansson, M. *see* Gansler, T. 6009
Hansson, P.O. *see* Albrecht, M. 10778
Hansson, P.O. *see* Konuma, M. 10686
Hansson, P.O. *see* Silier, I. 10773
Hansson, U., Aulin, T. Channel symbol expansion diversity–improved coded modulation for the Rayleigh fading channel 6458
Hantouche, C. Partial discharges as a diagnostic tool for full size power capacitors 19944
Hantouche, C. *see* Aulagnier, E. 41547
Hantouche, C. *see* Hammal, R. 21988
Hantschel, T., Vandervorst, W. Anisotropic etching of inverted pyramids in the sub-100 nm region 42589
Hantzis, C. *see* Tayebati, P. 33119
Hanuise, C. *see* Andre, R. 38058
Hanus, F. *see* Meunier, M. 17581
Hanus, R. *see* Youbin Peng 52358
Hanusch, A. Production planning and scheduling system for the PCB industry 11922
Hanyan Ma *see* Ma Hanyan
Hanying Zhou *see* Feng Zhao 24273
Hanyu, I. *see* Asai, S. 2494
Hanyu, I. *see* Chijimatsu, T. 2458
Hanyu, I. *see* Haruki, T. 32256
Hanyu, T., Kanagawa, N., Kameyama, M. Design of a one-transistor-cell multiple-valued CAM 1341
Hanyu, T., Kazama, S., Kameyama, M. Low-power multiple-valued current-mode integrated circuit with current-source control and its application 41083
Hanyu, T., Mochizuki, A., Kameyama, M. Design and evaluation of a multiple-valued arithmetic integrated circuit based on differential logic 11401
Hanzal, B. *see* Bristow, J. 52207
Hanzawa, H. *see* Kobayashi, M. 22249
Hanzheng Duo *see* Nagata, T. 29068
Hanzo, L. *see* Torrance, J.M. 47827
Hanzo, L. *see* Woodard, J.P. 47464
Hanzo, L. *see* Yuen, H. 56660
Hao, C.P. *see* Chao, T.S. 54651
Hao, L. *see* Sun, X. 48592
Hao, P.H., Wang, L.C., Ressel, P., Kuo, J.M. Low resistance ($\sim 1\times10^{-6}$ Ω cm^2) Au/Ge/Pd ohmic contact to n-$Al_{0.5}In_{0.5}P$ 2220
Hao, P.H. *see* Moon-Ho Park 54255
Hao, P.H. *see* Yang, Z.C. 12530
Hao, Q., Cao, M., Li, D. An instrument for measuring flatness by using laser and CCD 48911
Hao, Q., Soong, B.H., Gunawan, E., Ong, J.T., Soh, C.B. Hierarchical optimization planning (HOP) of cellular mobile communication systems 47718
Hao, Z. *see* Chen, X.B. 4080
Hao, Z. *see* Weiming, R. 36904
Hao Chen, Jian Wu, Zhi-Qiang Li, Kawazoe, Y. Correlated conductance through a lattice of quantum dots: metal to antiferromagnetic insulator transition 32039
Hao Chen *see* Chen Hao
Hao Ding *see* Shenping Li 23798
Hao Ding *see* Shenping Li 44376
Hao Fang *see* Haddad, S. 1351
Hao Fang *see* Jian-Gang Zhu 32847
Hao Jiankang, Zhang Minglian, Wen Chuanyuan Airborne target state estimator 26949
Hao Jin-Kao *see* Jin-Kao Hao
Hao Jincheng *see* Zhang Junghong 54760
Hao Jingchen *see* Xu Yanyang 53382
Hao Lee *see* Yan Shi 17353
Hao Ling *see* Bhalla, R. 6876
Hao Ling *see* Ozdemir, C. 33950
Hao Ling *see* Trintinalia, L.C. 36204
Hao Ling *see* Trintinalia, L.C. 36245
Hao Ling *see* Yuanxun Wang 24542
Hao Lu Galerkin and weighted Galerkin methods for a forward-backward heat equation 30646
Hao Miin-Jong *see* Miin-Jong Hao
Hao Min *see* Xuyun Chen 57479
Hao Min *see* Min Hao
Hao Ming-Yin *see* Ming-Yin Hao
Hao Qu, Gotman, J. A patient-specific algorithm for the detection of seizure onset in long-term EEG monitoring: possible use as a warning device 28353
Hao Shangyou *see* Shangyou Hao
Hao Te Sun *see* Te Sun Hao
Hao Tian *see* Tian Hao
Hao Wang *see* Ming-Rong Shen 915
Hao Wu, McCurdy, A.H. Nonlinear study of mode locking in a quasi-optical gyrotron 53072
Hao Xinya *see* Jiang Yongmin 58493
Hao Xiuhong, Guo Shilun, Li Boyang Comparison between home-made and American CR-39 type nuclear track detectors 37478
Hao Ying, Azeemi, A., Harley, C.J., Motamedi, M., Rastegar, S., Sheppard, L.C. Detecting laser induced thermal activity in tissue–a Doppler ultrasound approach 28200
Hao Ying *see* Chih-Wei Chang 49482
Hao Yu *see* Yu Hao
Hao Yue, Zhu Chunxiang, Liu Zhijing The fractal description of the defect spatial distributions on the wafer of integrated circuits 367
Hao Yue *see* Jiao Yongchang 2116
Hao Yue *see* Liu Zhijing 40817
Hao Yue *see* Zhang Weidong 53381
Hao Yuguo, Liu Guangyi, Yu Erkeng A new OPF algorithm based on Karmarkar's interior point method 50316
Hao Yuguo, Zhang Jing, Yu Erkeng, Liu Guangyi Achievements of practical optimal power flow 50373
Hao Yuquan *see* Yuquan Hao
Hao Zhang *see* Zhang Hao
Hao Zhao *see* Zhao Hao
Hao Zhiqi *see* Cheng Duo 24298
Hao-Chiao Hong, Bin-Hong Lin, Cheng-Wen Wu Analysis and design of multiple-bit high-order Σ-Δ modulator 41272
Hao-Hsiung Lin *see* Hwann-Kaeo Chiou 41502
Hao-Hsiung Lin *see* Jian-Jang Huang 54214
Hao-Hsiung Lin *see* Jung-Hui Tsai 22764
Hao-Hsiung Lin *see* Sheng-Lyang Jang 2602
Hao-Hsiung Lin *see* Tsen, K.T. 12342
Hao-Hsiung Lin *see* Tsuen-Lin Lee 10739
Hao-Hui Chen, Shyh-Jong Chung A recursive finite element method (RFEM) for analysis of finite periodic structures in rectangular waveguides 34144
Hao-Yung Lo An implementation of the conditional-sum-scheme embedded in a signed digital adder 53109
Hao-Yung Lo A uniform and squared direct two's complement multiplier 53262
Haoad, M. *see* Bravaix, A. 43102
Haocai Wang *see* Wang Haocai
Haochieh Liu *see* Liu Haochieh
Haomin Zhou *see* Zhou Haomin
Haond, M. *see* Sallagoity, P. 2791
Haoning Liu *see* Chisholm, T. 32333
Haoning Liu *see* Xieqing Zhu 33824
Haoping Ku, Mikhael, W.B. Two-dimensional frequency domain motion compensation for spatio-temporal signals 5338
Haoping Yu *see* Mikhael, W.B. 34727
Haoshuang Gu *see* Dinghua Bao 52751
Haoshuang Gu *see* Gu Haoshuang
Haouat, G. *see* Beauvais, P.Y. 37135
Haouat, G. *see* Loulergue, A. 37088
Haoxu Zhang *see* Zhang Haoxu
Haozhong Cheng *see* Yorino, N. 50309
Hapanowicz, R. FT-IR spectrometers profile optoelectronic emitters 33291
Hapiot, J.C. *see* Saoud, S.B. 9185
Hapiot, J.C. *see* Saoud, S.B. 60650
Hapka, A.R. *see* Shultis, J.K. 60278
Hapke, P., Luysberg, M., Carius, R., Tzolov, M., Finger, F., Wagner, H. Growth of ⟨n⟩-type microcrystalline silicon at different plasma excitation frequencies 21331
Hapke, P. *see* Luysberg, M. 40521
Happ, L., Le, F., Ressler, M., Kappra, K. Low-frequency ultra-wideband synthetic aperture radar: Frequency subbanding for targets obscured by the ground 8670
Happ, L. *see* Merchant, B.L. 6951
Happ, L. *see* Sturgess, K. 8694
Happek, U. *see* Evans, D.R. 13825
Happek, U. *see* Kehne, D. 18015
Happek, U. *see* Raukas, M. 13823
Happek, U. *see* Yen, W.M. 13814
Haptanav, V.B. *see* Bashkuev, Yu.B. 18770
Haq, M.U. *see* Sheikh, A.K. 30118
Haq, T.U., Webb, K.J., Gallagher, N.C. Compact circular waveguide mode converters 21876
Haq Ejaz *see* Ejaz Haq
Haq Zia Ul *see* Zia Ul Haq
Haque, A. *see* Khondker, A.N. 42193
Haque, I. *see* Sudhakar, B. 927
Haque, M.S., Naseem, H.A., Brown, W.D. Residual stress behavior of thin plasma-enhanced chemical vapor deposited silicon dioxide films as a function of storage time 43428
Haque, M.Z., Kalam, A. A comparative study of first and second order AC-DC state estimator 19085
Haque, M.Z. *see* Kalam, A. 28769
Har Dongsoo *see* Dongsoo Har
Hara, A. *see* Kitahara, K. 12301
Hara, A. *see* Okada, T. 53799
Hara, F. *see* Kobayashi, H. 57119
Hara, H., Ohta, T. Dynamic response of a Ta_2O_5-gate pH-sensitive field-effect transistor 7287
Hara, H. *see* Akiyama, J. 26037
Hara, H. *see* Miwa, T. 1332
Hara, H. *see* Nakajima, H. 38111
Hara, H. *see* Okada, T. 35740
Hara, H. *see* Sato, M. 43881
Hara, K., Hata, K., Kikuchi, T., Kim, S., Kondo, K., Miyashita, S., Nakano, I., Okutomi, H., Sano, M., Seiya, Y., Takashima, S., Takikawa, K., Tanaka, M. Application of avalanche photodiodes for scintillating fiber readout 37400
Hara, K., Hong-Bin Zha, Nagata, T. Reconstruction of contour features and 3-D surfaces by using a statistical model 4944
Hara, K., Kawashima, H. Multifunctional humidity-gas sensor fabricated on silicon substrate 17573
Hara, K., Nakayama, K. Comparison of signal classification performance between multilayer neural networks and linear signal processing methods 56475
Hara, K. *see* Doi, M. 37082
Hara, K. *see* Fujii, Y. 27944
Hara, K. *see* Honda, T. 44295
Hara, K. *see* Hosoyama, K. 49159
Hara, K. *see* Hosoyama, K. 49160
Hara, K. *see* Ishikawa, H. 6595
Hara, K. *see* Morita, Y. 43846
Hara, K. *see* Nakai, H. 43844
Hara, K. *see* Nishida, K. 40363
Hara, K. *see* Sawaki, N. 12491
Hara, K. *see* Shiota, F. 27363
Hara, K. *see* Shiraishi, K. 54203
Hara, K. *see* Watanabe, K. 40414
Hara, M., Ego, H., Kawashima, Y., Ohashi, Y., Ohshima, T., Takeshita, I. Coupled bunch instability and the cavity structure of the SPring-8 storage ring 17909
Hara, M., Takano, K., Wang, Z.-C., Yoshizuka, H., Jiang, Y. Bubble motion and electrical breakdown in liquid helium under non-uniform fields 23138
Hara, M. *see* Ego, H. 37045
Hara, M. *see* Hori, K. 60937
Hara, M. *see* Hozumi, N. 50574
Hara, M. *see* Imasaka, K. 19748
Hara, M. *see* Kubuki, M. 54907
Hara, M. *see* Nohma, T. 9522
Hara, M. *see* Suehiro, J. 23141
Hara, M. *see* Tsuru, S.-I. 31678
Hara, M. *see* Wang, Z.-C. 13523
Hara, N., Suehiro, H., Shima, M., Kuroda, S. 0.3-μm gate length p-channel AlGaAs/InGaAs heterostructure field effect transistors with high cut-off frequency 21927
Hara, N. *see* Ishida, M. 32800
Hara, N. *see* Suehiro, H. 31208
Hara, O. *see* Nagashima, Y. 49349
Hara, R. *see* Schumm, J.S. 53820
Hara, S., Igari, H. Small size AC adapter 60846
Hara, S., Motohisa, J., Fukui, T. Formation and characterization of InGaAs strained quantum wires on GaAs multiatomic steps grown by metalorganic vapor phase epitaxy 40482
Hara, S., Murakami, E., Magoshi, S., Koyama, K., Anze, H., Ogawa, Y., Kabeya, A., Ooki, S., Saito, T., Fujii, T., Sakamoto, S., Suzuki, H., Yano, M., Watanabe, S. Pattern-data preparation method to enhance high-throughput mask fabrication in variable-shaped EB writing system 22651
Hara, S., Teraji, T., Okushi, H., Kajimura, K. Pinning-controlled ohmic contacts: application to SiC(0001) 12535
Hara, S., Teraji, T., Okushi, H., Kajimura, K. Pinning-controlled metal/semiconductor interfaces 22432
Hara, S., Teraji, T., Okushi, H., Kajimura, K. New technique for ohmic formation 42277
Hara, S., Yamada, F., Sasaki, S., Oishi, K. Method for normalizing the write laser power of magneto-optical disk drives by using a calibration disk 44120
Hara, S. *see* Imasaka, K. 19748
Hara, S. *see* Motohisa, J. 13048
Hara, S. *see* Nishimoto, H. 58308
Hara, S. *see* Wannasarnmaytha, A. 6689
Hara, S. *see* Wannasarnmaytha, A. 34514
Hara, S. *see* Watanabe, K. 36920
Hara, T., Fujita, H., Yoshimura, H., Matsumoto, T. Automated detection of nodular shadows in chest radiography: application of genetic algorithm 59462
Hara, T., Harumoto, K., Tsukamoto, M., Nishio, S. Location management for database migration in ATM networks 35765
Hara, T., Kitamura, T., Tanaka, M., Kobayashi, T., Sakiyama, K., Onishi, S., Ishihara, K., Kudo, J., Kino, Y., Yamashita, N. Barrier effect of TaSiN layer for oxygen diffusion 12759
Hara, T., Kobayashi, N., Takei, A., Tanomura, K., Koyanagi, K., Komukai, T. Improvement of power system stability by on-off discrete control of series capacitors 38290
Hara, T., Sekiguchi, T., Kirimoto, T., Mano, S. Level-selected noncoherent integration for detection of fluctuating targets 36249
Hara, T., Yokoshi, M., Iwase, N., Yasumoto, T. Ti_2N barrier layers for multi-layer interconnection 12810
Hara, T. *see* Cha, Y.S. 32954
Hara, T. *see* Hayashi, T. 2914
Hara, T. *see* Hirako, K. 49451
Hara, T. *see* Kamiya, Y. 29343
Hara, T. *see* Kitamura, T. 2422
Hara, T. *see* Kobayashi, N. 28788
Hara, T. *see* Kobayashi, Y. 25617
Hara, T. *see* Marsi, M. 31782
Hara, T. *see* Nakamura, K. 14068
Hara, T. *see* Okabe, S. 13311
Hara, T. *see* Saito, T. 13388
Hara, T. *see* Takahashi, M. 38434

Hara, T. *see* Wong, H. 1417
Hara, T. *see* Yamamoto, O. 28921
Hara, Y. *see* Kyeong-Sik Min 34385
Harada, A. *see* Kishimoto, T. 35878
Harada, D. Healing mechanism of NEO-CAPACITOR 31540
Harada, H. *see* Deai, H. 12565
Harada, H. *see* Okada, Y. 51429
Harada, H. *see* Taira, K. 47771
Harada, H. *see* Takenaka, T. 45006
Harada, H. *see* Wu, G. 6470
Harada, H. *see* Yoshida, S. 29512
Harada, J. *see* Itoh, Y. 12561
Harada, J. *see* Shimizu, H. 39320
Harada, J. *see* Shimizu, H. 51743
Harada, J. *see* Shimura, T. 12770
Harada, J. *see* Sokolov, N.S. 12571
Harada, J. *see* Takahashi, I. 42331
Harada, K., Ishihara, Y., Todaka, T. A novel high power factor converter using a magnetic amplifier 1120
Harada, K., Itoh, M., Yatagai, T. Development of spatial light modulators with nonlinear organic materials 23615
Harada, K., Kanai, H., Yamashita, Y., Mukaeda, S., Hasegawa, K. Y7R-designated 6.8 μF multilayer ceramic capacitors in EIA1206 size 11753
Harada, K., Kawahito, S., Tadokoro, Y. A counting system of the chewing number using pressure sensors 49408
Harada, K., Kushida, M., Saito, K., Sugita, K., Lida, H. Imaging characteristics of novel photosensitive diazo compounds for screen printing 11901
Harada, K., Makita, Y., Shibata, H., Lo, B., Beye, A.C., Halsall, M.P., Kimura, S., Kobayashi, N., Iida, T., Shima, T., Obara, A. High-energy ion-implantation of a moderately deep acceptor Hg into liquid encapsulated Czochralski grown GaAs:formation of new shallow emission bands 12700
Harada, K., Sakai, E., Anan, F., Yamasaki, K. Basic characteristics of electric double-layer capacitors controlled by switching converters 41545
Harada, K., Yumura, T., Yoden, N., Nango, Y., Nango, T. Machine translation software for the Internet 35695
Harada, K. *see* Horiuchi, T. 32258
Harada, K. *see* Hosotani, T. 53013
Harada, K. *see* Inohara, T. 57801
Harada, K. *see* Kanai, H. 933
Harada, K. *see* Kumagai, A. 23367
Harada, K. *see* Maeda, H. 32805
Harada, K. *see* Murakami, E. 43024
Harada, K. *see* Shima, T. 12696
Harada, K. *see* Sugai, M. 57799
Harada, K. *see* Yoshitake, A. 51434
Harada, M., Douseki, T., Tsuchiya, T. Suppression of threshold voltage variation in MTCMOS/SIMOX circuit operating below 0.5 V 1239
Harada, M. *see* Akizuki, M. 40535
Harada, M. *see* Douseki, T. 54783
Harada, M. *see* Gulliver, T.A. 56265
Harada, M. *see* Igasaki, Y. 913
Harada, M. *see* Kawai, M. 232
Harada, M. *see* Ohmi, K. 33281
Harada, M. *see* Tomioka, T. 61293
Harada, N. Closed cycle MHD power generation system without alkali-metal seed 20052
Harada, N. *see* Sato, Y. 49484
Harada, R., Wake, Y., Yasunaga, S., Usuki, K., Yagasa, F. 8 kbps CS-ACELP speech CODEC 47459
Harada, S., Ishimaru, M., Motooka, T., Nakata, T., Yoneda, T., Inoue, M. Recrystallization of MeV Si implanted 6H-SiC 12635
Harada, S. *see* Nakashima, M. 8913
Harada, S. *see* Yorino, N. 50309
Harada, S. *see* Yorino, N. 60180
Harada, T., Fujita, M., Kuji, T. Nd-Fe-B die upset magnets produced from amorphous bulk materials 32810
Harada, T., Miura, N., Yamazoe, N. Solid-state NO sensor for medical use based on proton conductor (antimonic acid) operative at room temperature 48736
Harada, T., Mori, S. Cogeneration systems planning using structured genetic algorithms 19121
Harada, T. *see* Hankui, E. 8217
Harada, T. *see* Ishikawa, N. 38655
Harada, T. *see* Shikida, M. 43386
Harada, T. *see* Watanabe, T. 35934
Harada, Y., Kondo, S. Technological requirement for the humankind-conscious nuclear power plant 38520
Harada, Y., Murata, H., Sagara, S. Design of dead-beat control system using multirate controller and its application to speed control of induction motor 60726
Harada, Y., Oyama, T. Fast algorithm for multiple time-scale simulation of power system using parallel processing 60181
Harada, Y. *see* Abe, K. 32248
Harada, Y. *see* Fukutomi, H. 40709
Harada, Y. *see* Oyama, N. 36866
Harada, Y. *see* Yoshikawa, M. 50365
Harafuji, K. *see* Misaka, A. 54409
Haraguchi, E. *see* Kaito, T. 60830
Haraguchi, E. *see* Kishida, T. 19787
Haraguchi, K. *see* Miyao, M. 10786
Harai, H., Murata, M., Miyahara, H. Performance evaluation of multicast routing methods in optical switching networks with multiple wavebands 36081
Harai, H., Murata, M., Miyahara, H. Performance evaluation of routing methods in all-optical switching networks 47492
Haraichi, S. *see* Gorwadkar, S.M. 32322
Harakawa, K., Kajiwara, G., Kazami, K., Ogata, H., Kado, H. Evaluation of a high-performance magnetically shielded room for biomagnetic measurement 14648
Harakawa, K. *see* Murakami, J. 8843
Harakawa, K. *see* Sato, F. 9641
Haralabidis, N., Loukas, D., Misiakos, K., Katsafouros, S. A transimpedance CMOS multichannel amplifier with a 50 Ω-wide output range buffer for high counting rate applications 28048
Haralabidis, N., Misiakos, K. An ultra fast current amplifier with actively self driven feedback loop 59328
Haralambopoulos, D.A., Lekkas, Th., Haloulakos, G. An investigation of wind electricity production to cover the energy needs of a solar evaporation salt plant 50864
Haralampus, N. *see* Kranbuehl, D. 11003
Haralick, R.M. Propagating covariance in computer vision 15667
Haralick, R.M. *see* Liang, J. 25483
Haralick, R.M. *see* Suri, J.S. 37731
Haralock, R.M. *see* Ramesh, V. 46324
Harame, D. *see* Groves, R. 23015
Harame, D. *see* Schonenberg, K. 43251
Harame, D. *see* Soyuer, M. 21950
Harame, D.L. *see* Ahlgren, D.C. 43253
Harame, D.L. *see* Burghartz, J.N. 21947
Harame, D.L. *see* Jeng, S.J. 22775
Harame, D.L. *see* Joseph, A.J. 32372
Harame, D.L. *see* Joseph, A.J. 42968
Harame, D.L. *see* Schonenberg, K. 42050
Harame, D.L. *see* Sunderland, D.A. 22777
Harame, D.L. *see* Voinigescu, S.P. 21923
Harames, J.P. *see* Allred, L.G. 36425
Harames, J.P. *see* Allred, L.G. 37949
Harames, J.P. *see* Allred, L.G. 48356
Harari, J. *see* Jin, G.H. 33086
Haras, A., Roye, D. Vector PWM modulator with continuous transition to the six-step mode 51176
Harasaki, A., Kato, K. New data on the nonlinear optical constant, phase-matching, and optical damage of $AgGaS_2$ 44692
Harasaki, A. *see* Sakuma, J. 33381
Harasawa, E., Daming Wei, Bin He Comparison of body surface potential maps and Laplacian maps: a simulation study 59676
Harasawa, E. *see* Daming Wei 49654
Harasawa, E. *see* Daming Wei 59677
Harasawa, Y., Mano, S. An adaptive moving target indicator using median filters 26952
Harashima, E. *see* Nagata, K. 7240
Harashima, F. Recent advances of mechatronics 9606
Harashima, F. *see* Korondi, P. 51239
Harashima, F. *see* Mizuno, T. 32883
Harashima, H. *see* Cheong, C. 25703
Harashima, H. *see* Fujii, T. 15454
Harashima, H. *see* Hsu, R. 56674
Harashima, H. *see* Naemura, T. 15457
Harashima, H. *see* Naemura, T. 56638
Harashima, H. *see* Ohzeki, K. 5261
Harashima, H. *see* Ohzeki, K. 57508
Harashima, H. *see* Okumiya, K. 15823
Harashima, H. *see* Ueda, Y. 46101
Harashima, H. *see* Ueda, Y. 57282
Harashima, H. *see* Yanagisawa, T. 15659
Harashima, K. *see* Suck-Joong Moon 21554
Harashima, M., Ferrari, L.A., Sankar, P.V. Time-frequency representation for time-varying signals using a Kalman filter 4810
Harashima, M., Ferrari, L.A., Sankar, P.V. Spline approximation using Kalman filter state estimation 52544
Harats, Y. *see* Goldstein, J.R. 29781
Harats, Y. *see* Koretz, B. 9491
Haratsu, M. *see* Kobayashi, F. 11236
Harauchi, H. *see* Hoffmann, K.R. 37652
Harb, C.C., Ralph, T.C., Huntington, E.H., Freitag, I., McClelland, D.E., Bachor, H.-A. Intensity-noise properties of injection-locked lasers 14193
Harb, C.C. *see* Bachor, H.-A. 23832
Harb, C.C. *see* Ralph, T.C. 14192
Harb, S.M., Vidic, M. Characterisation of a resonator based tactile probe 36524
Harba, R. *see* Jennane, R. 25180
Harba, R. *see* Jennane, R. 45987
Harbeck, S. *see* Noth, E. 14968
Harbecke, W. *see* Von Klaus, P. 50419
Harbich, K. *see* Behrens, D. 11116
Harbin, S. *see* Hoque, M. 45180
Harbison, J.P. *see* Shin, T. 23291
Harbison, S.A. *see* Williams, M.K. 18571
Harbison, W.S. *see* Christianson, B. 56310
Harbison, W.T. *see* Chandler, E.W. 60137
Harboe-Sorensen, R. *see* Berger, G. 49268
Harboe-Sorensen, R. *see* Johlander, B. 28558
Harbor, L.K. Space based interceptor hardware-in-the-loop simulation featuring IR scene projection and dual sensor IR and LIDAR signal injection 28536
Harchol-Balter, M., Wolfe, D. Bounding delays in packet-routing networks 35480
Harcke, L. *see* Hemmati, H. 6790
Hardaker, W.J. *see* Current, K.W. 43271
Hardan, F., Zhang, L., Shepherd, W. Application of an extended Kalman filter for high-performance current regulation of a vector-controlled induction machine drive 51683
Hardange, J.P. *see* Normant, E. 16936
Hardcastle, G.D., Miles, J.C.H. Ageing and fading of alpha particle tracks in CR-39 exposed to air 18089
Hardcastle, I. *see* King, J.P. 16750
Harde, P. *see* Kuhmann, J.F. 3405
Hardek, T., Katz, J., Rees, D. Intense gyrotron-based quasi-optical microwave beams for material processing 1925
Harden, P.N. *see* Baxter, G.M. 7895
Harden, R.C. *see* Simons, F.O., Jr. 45837
Harder, C. *see* Herzog, W.D. 33496
Harder, C. *see* Herzog, W.D. 55805
Harder, C. *see* Wittwer, S. 3766
Harder, D. *see* Doler, W. 37647
Harder, G., Bolch, W.E., Handy, R. Increasing the computer's role in radiation surveys 37413
Harder, P. *see* Dahint, R. 36727
Harder, T. *see* Ehrmantraut, M. 36340
Hardesty, R.M. *see* Rye, B.J. 60061
Hardgrove, J.J. *see* Lehecka, T. 23734
Hardie, R.C. *see* Kaltenbacher, E. 5274
Hardie, R.C. *see* Kanodia, A. 4978
Hardiman, P. *see* Sabry-Rizk, M. 28324
Hardiman, T.D. *see* Davy, E.C. 18635
Hardin, D.P. *see* Donovan, G.C. 25057
Hardin, D.P. *see* Xiang-Gen Xia 15371
Hardin, P.J. *see* Long, D.G. 8530
Harding, A.B. *see* Ophel, T.R. 49150
Harding, D.J. *see* Blair, J.B. 8326
Harding, D.S. *see* Bovik, A.C. 45519
Harding, D.S. *see* Havlicek, J.P. 56949
Harding, G.F.A., Odom, J.V., Spileers, W., Spekreijse, H. Standard for visual evoked potentials 1995 8056
Harding, G.F.A. *see* Singh, K.D. 59504
Harding, G.L. *see* Du, J. 38133
Harding, M.M. Recording diffraction data for structure determination for very small crystals 49355
Harding, R.A. *see* Zhu, X.R. 29907
Harding, T.H. *see* Rash, C.E. 18636
Hardingham, C. A novel, nondestructive, technique using EBIC to determine diffusion lengths in GaAs solar cells 39048
Hardingham, C. Use of electron beam induced current to determine diffusion lengths and radiation damage coefficients in GaAs space solar cells 51598
Hardingham, C., Huggins, C.R., Simpson, J.W., Cross, T.A. Ultrathin GaAs space solar cell devices 37995
Hardingham, C. *see* Holt, D.B. 39036
Hardingham, C.M. *see* Cross, T.A. 38000
Hardis, J.E. *see* Cromer, C.L. 17154
Hardjono, T., Seberry, J. Replicating the Kuperee authentication server for increased security and reliability 24760
Hardman, A.D. *see* Bortoletto, D. 37383
Hardman, D.K. *see* Ayton, P. 20742
Hardman, P.J. *see* Clarkson, W.A. 14084
Hardmann, A. *see* Antos, J. 37373
Hardner, H.T., Weissman, M.B., Jaime, M., Treece, R.E., Dorsey, P.C., Horwitz, J.S., Chrisey, D.B. Non-Gaussian noise in a colossal magnetoresistive film 32787
Hardt, A. *see* Makovicka, C. 53909
Hardt, A. *see* Taudt, W. 40469
Hardt, D.E. The future of manufacturing education 30069
Hardtdegen, H. *see* Hartmann, A. 40485
Hardtdegen, H. *see* Hollfelder, M. 40331
Hardtdegen, H. *see* Marso, M. 22755
Hardtdegen, H. *see* Palmer, J.W. 22444
Hardtdegen, H. *see* Schimpf, K. 1716
Hardtdegen, H. *see* Schimpf, K. 2711
Hardtdegen, M. *see* Horstmann, M. 58316
Hardtl, K.H. *see* Schaufele, A.B. 13224
Hardy, A., Oron, R. Signal amplification in strongly pumped fiber amplifiers 33427
Hardy, A. *see* DeMars, S.D. 3844
Hardy, A. *see* Tugendhaft, I. 48568
Hardy, A.A. *see* Levy, G. 14182
Hardy, C. *see* Van Dyke, P. 50607
Hardy, D.A. *see* Enloe, C.L. 44912
Hardy, J. *see* Bhaskar, N.D. 17165
Hardy, J. *see* Bloch, M. 28537
Hardy, L. *see* Bouchakour, R. 2683
Hardy, N.D. Effects of crystal mount resonance, under random vibration, on the close to carrier phase noise 23276
Hardy, T. *see* Gordon, L.B. 32687
Hare, D.E.G. *see* Corless, R.M. 606
Hare, T.K. AEM investigation of electromigration in aluminum test junctions 11801
Hareb, S.A. *see* Ju, T.H. 10092
Harel, D. *see* Hirst, T. 473
Harel, R., Nazimov, A., Cohen, E., Ashkinadze, B.M., Linder, E., Ron, A., Pfeiffer, L.N. Quantum wells with a low density electron gas: interband reflection, transmission and electron cyclotron resonance 12402

Harel, T., Gath, I., Ben-Haim, S. High-resolution estimation of the heart rate variability signal 49673
Hareland, S. *see* Wei-Kai Shih 2689
Hareland, S.A. *see* Angelo, D. 54814
Hareland, S.A. *see* Chindalore, G. 54647
Hareland, S.A. *see* Hasnat, K. 12989
Hareland, S.A. *see* McKeon, J.B. 54646
Haren, R.J.F.van *see* van Haren, R.J.F.
Hares, J.D. *see* Dowling, K. 27653
Hareyama, N., Fujii, M., Sakamoto, K., Kanai, H. Basic study on magnetically induced hyperthermia for brain heating 49767
Harff, N.E., Simmons, J.A., Klem, J.F., Boebinger, G.S., Pfeiffer, L.N., West, K.W. Observation of magnetic breakdown in double quantum wells 31990
Harff, N.E. *see* Weckwerth, M.V. 32185
Hargefeld, J. *see* Haas, R. 46344
Harger, R.O. Learning in a computer classroom with an interactive book 20705
Hargis, D.E. *see* Binun, P.W. 14044
Hargitai, C. *see* Nemeth, S. 27853
Hargitai, C. *see* Pogany, L. 23304
Hargreaves, D., Vaisey, J. Bayesian motion estimation and interpolation in interlaced video sequences 57188
Hargreaves, D.J. How undergraduate students learn 30054
Hargrove, M. *see* Assaderaghi, F. 2839
Hargrove, M. *see* Su, L. 2793
Hari, N.S., Padmini, P., Kutty, T.R.N. Complex impedance analyses of n-$BaTiO_3$ ceramics showing positive temperature coefficient of resistance 42039
Hari, V. *see* Drmac, Z. 30605
Hari Krishna Garg On skew circular convolution algorithms over finite integer rings 4732
Hariasra, S. *see* Dalal, V. 39133
Haribaran, A. *see* Arbore, M.A. 24245
Haridas, P., Pless, I.A., van Buren, G., Tomasi, J., Rabin, M.S.Z., Barish, K., Majka, R.D. A 10 MHz beam counter and a multiplicity detector for the E864 spectrometer 59198
Harihara, S., Takagi, M., Okabe, I., Tubouchi, K., Yamamoto, S., Hoshikawa, E., Yanaka, O., Maeda, K. Development of Digital Viewcam VL-DC1 27182
Hariharan, A., Harter, D.J., Sosnowski, T.S., Kane, S., Detao Du, Norris, T.B., Squier, J. Injection of ultrafast regenerative amplifiers with low energy femtosecond pulses from an Er-doped fiber laser 3726
Hariharan, P., Ciddor, P.E. Broad-band optical isolator 59044
Hariharan, P., Suchting, M.A. Optical flat surfaces: subtraction of small-scale irregularities of the reference surface 36913
Harikumar, G., Bresler, Y. A new algorithm for computing sparse solutions to linear inverse problems 15287
Harikumer, S., Kumar, S. Multiobjective search based algorithms for circuit partitioning problem for acceleration of logic simulation 53168
Harilal, S.S. *see* Bindhu, C.V. 3588
Harilal, S.S. *see* Issac, R.C. 4065
Harima, H. *see* Abe, H. 22263
Harima, H. *see* Sugie, R. 2146
Harima, K., Yamashita, E. FDTD analysis of electromagnetic field in a TEM-cell 4289
Haring, R.A., Milshtein, M.S., Chappell, T.I., Dhong, S.H., Chappell, B.A. Self resetting logic register and incrementer 1263
Haring, R.A. *see* Conn, A.R. 11091
Haring, S., Kok, J.N. Adaptive scaling of codebook vectors 24801
Harino, K., Yakabe, T., Yabe, H. Experimental investigation on improvement of positioning accuracy in GPS 58504
Hariprasad, J. *see* Flikkema, P.G. 20524
Hariri, A., Malik, O.P. A fuzzy logic based power system stabilizer with learning ability 19228
Hariri, A., Zhifang Du, Mashikian, M.S., Jordan, D. Field location of partial discharge in power cables using an adaptive noise mitigating system 19332
Hariri, F., Raissi, M., Mirzai, A.R., Roeintan, G.H. A parallel processing system based on LAN for image processing applications 35122
Hariri, S. *see* Al-hajery, E. 25936
Hariri, S. *see* Park, S.-Y. 26419
Haris, K., Strintzis, M.G. Segmentation of 3D MR image sequences 49442
Harish, C.S. *see* Gopalakrishna, M.V. 48100
Hariskos, D. *see* Braunger, D. 39119
Hariskos, D. *see* Dimmler, B. 39056
Hariskos, D. *see* Friedlmeier, T.M. 39076
Hariskos, D. *see* Niemi, E. 39066
Hariskos, D. *see* Ruckh, M. 39071
Haritantis, I. *see* Layos, M.C. 53417
Haritaoglu, E. *see* Betke, M. 25775
Haritatos, F. *see* Song, Q.W. 55168
Hariu, K. *see* Yamasa, Y. 34484
Hariu, T. *see* Akiba, J. 47263
Hariu, T. *see* Tanimoto, S. 16278
Hariyama, M., Kameyama, M. Collision detection VLSI processor for intelligent vehicles based on a ROM-type content-addressable memory 21708
Hariyama, M. *see* Lee, S. 57214
Harizi, C. *see* Wehrmann, F. 44057
Harjani, R., Vinnakota, B. Analog circuit observer blocks 32504
Harjani, R. *see* Vinnakota, B. 53009
Harjono, H. *see* Perkins, C.E. 47014
Harju, P.T. Polynomial prediction using incomplete data 45751
Hark, S.K. *see* Jia, L. 12708
Hark Hoe Tan, Jagadish, C., Korona, K.P., Jasinski, J., Kaminska, M., Viselga, R., Marcinkevicius, S., Krotkus, A. Ion-implanted GaAs for sub-picosecond optoelectronic applications 55387
Harkar, A., Shaligram, A.D., Ghaisas, S.V., Sundararajan, V. Monte Carlo device simulation on PARAM 22752
Harkay, I. *see* Lessner, E. 18044
Harkay, K. *see* Cho, Y. 18067
Harker, S. *see* Nezar, A. 22824
Harker, Y.D. *see* Nigg, D.W. 8115
Harkewicz, R. *see* Gammino, S. 7776
Harkin, G. *see* Young, N.D. 1342
Harkin, G. *see* Young, N.D. 17545
Harkness, L.L., Sjoberg, E.S. A generalized approach for identification and evaluation of technology insertion options for military avionics systems 8255
Harkness, L.L. *see* Sjoberg, E.S. 8583
Harkness, S.D., IV, Singh, R.K., Mueller, C., Miranda, F.A., Cubbage, C. Epitaxial $Ba_xSr_{1-x}TiO_3/YBa_2Cu_3O_7$ bilayers for tunable microwave applications 43477
Harkola, J. *see* Greve, A. 10014
Harlan, J.A., Georges, T.M. Bathymetric effects on the Caribbean western boundary current as seen with over-the-horizon radar 50153
Harlan, J.A. *see* Georges, T.M. 50138
Harle, D.A. *see* Jadoon, T.M. 35380
Harle, V. *see* Hangleiter, A. 55639
Harle, V. *see* Im, J.S. 31847
Harle, V. *see* Knorr, C. 22332
Harle, V. *see* Scholz, F. 30829
Harlev, E., Gulakhmedova, T., Rubinovich, I., Aizenshtein, G. A new method for the preparation of conductive polyaniline solutions: application to liquid crystal devices 55331
Harley, C.J. *see* Hao Ying 28200
Harley, R.G. *see* Burton, B. 38725
Harley, R.G. *see* Jennings, G.D. 29217
Harley, R.G. *see* Rigby, B.S. 28830
Harley, R.G. *see* Woodward, D.R. 20115
Harling, O. *see* Riley, K. 8126
Harling, O.K., Busse, P., Zamenhof, R.G., Solares, G.R., Kiger, W.S., III, Riley, K.J., Chuang, C.F., Madoc-Jones, H. Long-term clinical followup of subjects in a BNCT protocol 8123
Harling, O.K. *see* Kiger, W.S., III 8116
Harling, O.K. *see* Kiger, W.S., III 8122
Harling, O.K. *see* Riley, K.J. 8120
Harling, O.K. *see* Sakamoto, S. 8117
Harlow, L. *see* Ferguson, M.I. 37283
Harma, D.C. *see* Cautaeris, V. 55521
Harman, A.C. *see* Vincent, J.H. 39770
Harman, A.C. *see* Warwick, M.E. 39769
Harman, G.G. Wire bonding to multichip modules and other soft substrates 22100
Harman, J.F. *see* Nigg, D.W. 8115
Harman, T.C. *see* Hicks, L.D. 32044
Harmand, J.C. *see* Achouche, M. 54436
Harmand, J.C. *see* Devaux, F. 23584
Harmand, J.C. *see* Dias, I.F.L. 55658
Harmand, J.C. *see* Kohl, A. 55751
Harmand, J.C. *see* Seidel, W. 42075
Harmanec, D. *see* Klir, G.J. 24613
Harmans, C.J.P.M. *see* Oosterkamp, T.H. 2196
Harmatha, L. *see* Gurnik, P. 54558
Harmegnies, B. *see* Ruiz, R. 24827
Harmer, A. *see* Boisde, G. 87
Harmeyer, K.M., Wetzel, K.C. Brain research and implications for engineering education 20533
Harmeyer, K.M. *see* Ramirez, J.M. 20639
Harmon, E.S. *see* D'Souza, S.L. 48860
Harmon, E.S. *see* Melloch, M.R. 10695
Harmon, J.F. *see* Kudchadker, R. 8114
Harmon, L.A. *see* Vogt, R.C. 37842
Harmon, R.W., Karady, G.G., Amburgey, O.G. Electrical test methods for nonceramic insulators used for live line replacement 50613
Harms, J. *see* Solana, E. 16184
Harms, P. *see* Yinchao Chen 39817
Harms, T. *see* Wegner, S. 8044
Harms, T. *see* Wegner, S. 59553
Harms, U. *see* Kurz, G. 20536
Harms, W.B. *see* Matthews, J.W. 37859
Harmse, J. *see* Leih, T.J. 25239
Harn, L. Digital signature for Diffie-Hellman public keys without using a one-way function 24782
Harnefors, L. Speed estimation from noisy resolver signals 9612
Harnefors, L., Nee, H.-P. Adaptive sensorless control of induction motors for improved low-speed performance 29322
Harnefors, L., Signell, S., Mossberg, K. Allpass and lattice bilinear digital ladder filters 1588
Harnetty, S. CTI: Turning data into information 16194
Harnisch, A. *see* Hulsenberg, D. 52859
Harnisch, B. *see* Saint-Pe, O. 49977
Harnisch, T. *see* Romanus, E. 48282
Harnishfeger, D. *see* Parsi, K. 3208
Harnwell, T.P. *see* McCree, A. 14896
Haronian, D. *see* Christenson, G.L. 13547
Haroon Khan, M. *see* Taher Abuelma'atti, M. 40948
Haroon Khan, M. *see* Taher Abuelma'atti, M. 41295
Haroun, B. *see* Nikpour, B. 17283
Haroun, B. *see* Shehata, S. 11500
Haroun, B. *see* Shehata, S. 53307
Haroutunian, E.A. Multiterminal source coding achievable rates and reliability 24716
Harpantidou, Z. *see* Paterakis, M. 26547
Harpel, B.M., Dugan, J.B., Walker, I.D., Cavallaro, J.R. Analysis of robots for hazardous environments 52345
Harper, D. *see* Kevern, J. 3362
Harper, G. *see* Wieman, H. 59275
Harper, G.C. Terminal ion source for an FN tandem 49282
Harper, G.C. *see* Storm, D.W. 49151
Harper, J. *see* De-Xiang Huang 27303
Harper, J.M.E. *see* Cabral, C. 42660
Harper, J.M.E. *see* Clevenger, L.A. 42748
Harper, J.M.E. *see* Svilan, V. 43321
Harper, M.P. *see* Mitchell, C.D. 15070
Harper, P.R., Cherkur, R.P. Selecting the right die attach for PowerPC 603™ microprocessor in hermetic packaging 31305
Harper, R.W. *see* Funsten, H.O. 7782
Harper, S.F. Ensuring equity in reducing regional ozone 28667
Harpham, S.W., Woodward, R.C. INSITE(R) continuous monitoring system–information not data 38928
Harpold, E.A. *see* Meyer, F.M. 17630
Harr, R. *see* Richards, M.A. 41208
Harrang, J.P. *see* Kim, J.H. 28700
Harreld, M.R. *see* Karplus, W.J. 28260
Harrell, J.W. *see* Izatt, J.R. 20660
Harrell, L.E. *see* Guthrie, D.K. 22447
Harrer, B., Kaller, D., Klink, E. Thin film modeling and simulation for long off chip interconnection lines 39803
Harrer, J., Petit, R., Brown, O., Nabatian, D., Shahbazi, S. RF characterization of thick film materials for portable transceivers 58149
Harries, J.R., Randall, J.L. Harmonic resonance on parallel high voltage transmission lines 38355
Harries, J.R., Randall, J.L. Volt-time characteristics of short air gaps under nonstandard lightning voltage waves 38429
Harrigan, K.A. The intelligibility of time-compressed digital-video lectures 52023
Harrild, D. *see* Zimering, R. 49743
Harringa, J.L., Cook, B.A. Comparison of different pressing techniques for the preparation of n-type silicon-germanium thermoelectric alloys 30708
Harringa, J.L. *see* Cook, B.A. 31894
Harringa, J.L. *see* Cook, B.A. 31917
Harrington, D.T., Bound, J.P., McCann, J.J., Thomas, M. Internet Protocol version 6 and the Digital UNIX implementation experience 25932
Harrington, J. *see* Cabara, T.J. 41029
Harrington, J.A. *see* Matsuura, K. 23534
Harrington, J.A. *see* Rabii, C.D. 3412
Harrington, J.J. *see* Raine, J.K. 39712
Harrington, J.T., Thompson, D.W., Tsay, M.-S. Macrocell design techniques that ease system level ASIC integration 13091
Harrington, K. *see* Struble, W. 40929
Harrington, R.J. *see* Arjona, D. 19231
Harrington, S.R., Hund, T.D. Photovoltaic lighting system performance 39370
Harriott, L., Liddle, A. Electron beam lithography 54554
Harriott, L.R., Berger, S.D., Biddick, B.C., Blakey, M.I., Bowler, S.W., Brady, K., Camarda, R.M., Connelly, W.F., Crorken, A., Custy, J., Dimarco, R., Farrow, R.C., Felker, J.A., Fetter, L., Freeman, F., Hopkins, L., Huggins, H.A., Knurek, C.S., Kraus, J.S., Liddle, J.A., Mkrtychan, M., Novembre, A.E., Peabody, M.L., Tarascon, R.G., Wade, H.H., Waskiewicz, W.K., Watson, G.P., Werder, K.S., Windt, D. Preliminary results from a prototype projection electron-beam stepper-scattering with angular limitation projection electron beam lithography proof-of-concept system 22700
Harriott, L.R., Berger, S.D., Biddick, C., Blakey, M.I., Bowler, S...W., Brady, K., Camarda, R.M., Connelly, W.F., Crorken, A., Custy, J., Demarco, R., Farrow, R.C., Felker, J.A., Fetter, L., Freeman, R., Hopkins, L., Huggins, H.A., Knurek, C.S., Kraus, J.S., Liddle, J.A., Mkrtychan, M., Novembre, A.E., Peabody, M.L., Tarascon, R.G., Wade, H.H., Waskiewicz, W.K., Watson, G.P., Werder, K.S., Windt, D. The SCALPEL proof of concept system 42874
Harriott, L.R. *see* Poker, D.B. *(editor)* 9815
Harris, A. The evolution of video technologies for distance learning 27151
Harris, A.J., Burdess, J.S., Cruickshank, J., Wood, D., Cooper, G. A silicon membrane gyroscope with electrostatic actuation 27549
Harris, A.J. *see* Burdess, J.S. 27550
Harris, A.J. *see* Ward, M.C.L. 27545
Harris, A.J. *see* Wood, D. 27546
Harris, B. *see* Graessle, D.E. 28539
Harris, C., Buxton, B. Evolving edge detectors with genetic programming 57037
Harris, C. *see* Bachmann, K.J. 52693
Harris, C. *see* Stott, Z.T. 50229
Harris, C.I. *see* Aboelfotoh, M.O. 12557

Harris, C.J. Multi sensor data fusion for real time aircraft collision 28588
Harris, C.J., Doyle, R.S. Multi-sensor data fusion for situational assessment--a critical element of systems integration, some theory and application to collision avoidance 45921
Harris, D., Retzler, M. Analog multimeters: trusted tools for a variety of industrial applications 17603
Harris, F. Digital filter equalization of analog gain and phase mismatch in I-Q receivers 46545
Harris, F., McKnight, B. Error feedback loop linearizes direct digital synthesizers 1551
Harris, F. *see* Dick, C. 31391
Harris, F. *see* Dick, C. 45720
Harris, F. *see* Dick, C.H. 11580
Harris, F. *see* Dick, C.H. 11600
Harris, F.B., Melhlhaff, J. High temperature RTP processing on large area glass substrates for manufacturing polysilicon AMLCDs 13726
Harris, F.B. *see* Li, J. 59739
Harris, F.J. *see* Lowdermilk, R.W. 45512
Harris, F.W. *see* Fuming Li 13716
Harris, G.F. *see* Abu-Faraj, Z.O. 18539
Harris, G.F. *see* Lebar, A.M. 18213
Harris, G.F. *see* Park, T.A. 8052
Harris, G.L., Shurn, T., Heibien, S. Web based curriculum development: a case study of laboratory safety 26214
Harris, G.L. *see* Diogu, K.K. 1155
Harris, G.R., Myers, M.R., Gammell, P.M. The response of transiently excited thick transducers at low frequencies 8576
Harris, G.R., Myers, M.R., Gammell, P.M. Limitations on the low frequency range of pulsed, thick piezoelectric disks 28689
Harris, G.W. *see* Roths, J. 28626
Harris, I. *see* Tofanelli, A. 26393
Harris, I.G., Orailoglu, A. Testability improvement in high-level synthesis through reconvergence reduction 1267
Harris, I.R. *see* Ahmed, F.M. 3120
Harris, I.R. *see* Burkhardt, C. 3054
Harris, I.R. *see* Hatch, G.P. 3125
Harris, I.R. *see* Martinez, N. 3101
Harris, I.R. *see* Matzinger, M. 3118
Harris, I.R. *see* O'Donnell, K. 3127
Harris, I.R. *see* Ragg, O.M. 32878
Harris, I.R. *see* Saje, B. 924
Harris, I.R. *see* Sinan, S.A. 3138
Harris, I.R. *see* Yartys, V.A. 3052
Harris, J. GSM basics: an introduction 26523
Harris, J., Madsen, J. Implementation and validation methods applied to SSCOP 25935
Harris, J. *see* Davis, D. 7202
Harris, J.A., Gingerich, G. The design and implementation of a network account management system 16320
Harris, J.D., II *see* Estes, L.E. 45166
Harris, J.E. *see* Capper, P. 10629
Harris, J.G., Colvin, M., Fleishon, N. The Excellence in Mathematics, Science and Engineering (EMSE) Project at Cal Poly 20685
Harris, J.G. *see* Chiang-Jung Pu 1640
Harris, J.G. *see* Jui-Kuo Juan 1639
Harris, J.G. *see* Neeley, J.E. 1181
Harris, J.G. *see* Shao-Jen Lim 45855
Harris, J.G.E., Awschalom, D.D., Maranowski, K.D., Gossard, A.C. Fabrication and characterization of 100-nm-thick GaAs cantilevers 2858
Harris, J.J. *see* Gardner, N.R. 2107
Harris, J.J. *see* Nicholas, R.J. 2126
Harris, J.J. *see* Roberts, J.M. 31511
Harris, J.S. *see* Matsumoto, K. 54723
Harris, J.S. *see* Powell, J.S. 55359
Harris, J.S., Jr., Larson, M.C., Massengale, A.R. Broad-range continuous wavelength tuning in microelectromechanical vertical-cavity surface-emitting lasers 44449
Harris, J.S., Jr *see* Duruoz, C.I. 54184
Harris, J.S., Jr. *see* Huang, T.F. 21311
Harris, J.S., Jr. *see* Hung, C.-Y. 731
Harris, J.S., Jr. *see* Kameyama, A. 12906
Harris, J.S., Jr. *see* Larson, M.C. 3902
Harris, J.S., Jr. *see* Larson, M.C. 6813
Harris, J.S., Jr. *see* Larson, M.C. 14140
Harris, J.S., Jr. *see* Larson, M.C. 44515
Harris, J.S., Jr. *see* Lee, H. 30789
Harris, J.S., Jr. *see* Massengale, A.R. 1712
Harris, J.S., Jr. *see* Shimbo, B.N. 22901
Harris, J.S., Jr. *see* Sugihwo, F. 33560
Harris, J.S., Jr. *see* Trezza, J.A. 33120
Harris, J.S., Jr. *see* Trezza, J.A. 33121
Harris, J.S., Jr *see* Trezza, J.A. 33126
Harris, J.S., Jr. *see* Ueda, T. 21306
Harris, J.S., Jr. *see* Yuri, M. 21307
Harris, J.W. *see* Chooi-Tian Lee 57624
Harris, J.W. *see* Chooi-Tian Lee 57992
Harris, K. *see* Hoff, H.A. 12544
Harris, K.A. *see* Benson, J.D. 21287
Harris, M. *see* Pitter, M. 59057
Harris, M.R., Pajooman, G.H., Abu Sharkh, S.M. Performance and design optimisation of electric motors with heteropolar surface magnets and homopolar windings 9156
Harris, M.R. *see* Galletti, E. 48127
Harris, M.R. *see* Sharkh, S.M.A. 61263
Harris, N. *see* Koch, M. 32568
Harris, N.D., Baykouchev, S.B., Marques, J.L.B., Cochrane, T., George, E., Heller, S.R., Ward, J.D. A portable system for monitoring physiological responses to hypoglycaemia 49374
Harris, N.D. *see* Brown, B.H. 18454
Harris, N.G., Campbell, I.B. Traffic performance optimisation on ATM switches by station configuration planning 35701
Harris, N.G., Roberts-Baxter, G.J. Traffic shaping at the source using feedback 26244
Harris, P. *see* Arnold, W.M. 48732
Harris, P.G. *see* Vincent, J.H. 39770
Harris, P.G. *see* Warwick, M.E. 39769
Harris, P.M. *see* Forbes, A.B. 59080
Harris, R., Balsiger, F., Philbrick, C.R. Comparison of lidar water vapor measurements using Raman scatter at 266 nm and 532 nm 8455
Harris, R. *see* Pryor, C. 18946
Harris, R.A. *see* Hoeher, P. 47841
Harris, R.B. *see* Hanbury, C.M. 7444
Harris, R.D. *see* Gnewuch, H. 44023
Harris, S. Board bring-up without ICE 31593
Harris, S.E. *see* Barty, C.P.J. 13910
Harris, S.E. *see* Jain, M. 14273
Harris, S.J. Proactive service management: leveraging telecom information assets for competitive advantage 35656
Harris, S.R., Gerich, E. Retiring the NSFNET backbone service--chronicling the end of an era 6203
Harris, T. Some contradictions in modern SF_6 and vacuum switchgear applications 38909
Harris, T.A. *see* Chain, E.E. 48328
Harris, T.A. *see* Ridens, M.G. 30181
Harris, T.D., Gershoni, D., Pfeiffer, L., Nirmal, M., Trautman, J.K., Macklin, J.J. High spatial resolution spectroscopy of single semiconductor nanostructures 2047
Harris, T.D. *see* Hong, M. 54417
Harris, T.M., St. Clair, J., Huynh, T. Anomalous codeposition of Ni-Fe alloys: effect of complexants 30852
Harris, T.M. *see* Menon, P. 30851
Harris, V. *see* Sanders, J. 28544
Harris, V.G. *see* Nolas, G.S. 2082
Harris, W.C. *see* Jordan, J. 59938
Harris, W.S., Ngo, K.D.T. Power switched-capacitor DC-DC converter: analysis and design 53022
Harrison, A.I. Oxygen reduction cycle VRLA batteries are here to stay 51468
Harrison, B.F., Tufts, D.W., Vaccaro, R.J. Fast, approximate maximum a posteriori probability parameter estimation 45880
Harrison, B.F., Vaccaro, R.J., Tufts, D.W. Matched-field localization with many uncertain environmental parameters: experimental data results 16990
Harrison, C.W., Jr. *see* King, R.W.P. 34273
Harrison, D. *see* Mueller, G.O. 13857
Harrison, D.J. *see* Shepherd, P.R. 41501
Harrison, F.A. *see* Schindler, S.M. 37451
Harrison, G.H. *see* Lasser, M.E. 60120
Harrison, H.B. *see* Dimitrijev, S. 22916
Harrison, H.B. *see* Dimitrijev, S. 54410
Harrison, H.B. *see* Hui-Feng Li 42333
Harrison, H.B. *see* Reeves, G.K. 43104
Harrison, H.B. *see* Tanner, P.G. 22917
Harrison, I. *see* Dewsnip, D.J. 41949
Harrison, J. An integral limitation upon loudspeaker frequency response for a given enclosure volume 48263
Harrison, J.P. *see* Terentiev, A.N. 43874
Harrison, K. *see* Gammino, S. 7776
Harrison, K.J. *see* Svenson, T.D. 25062
Harrison, L.H., Saraceni, P.J., Jr. Portable electronic devices: which direction? 49843
Harrison, L.J. *see* Durrett, R.A. 8666
Harrison, M.G., Gruner, J., Spencer, G.C.W. Analysis of the photocurrent action spectra of MEH-PPV polymer photodiodes 55421
Harrison, M.J., Runalls, R. The fuel cycle--performance of the first charge fuel and the way forward 9036
Harrison, M.R., Hall, S.R., Jacobson, D.M., Dineen, C. High-current conductors using high-temperature superconductors 19366
Harrison, M.R. *see* Somps, C.J. 27705
Harrison, N. *see* van Bockstal, L. 4208
Harrison, N.J. *see* Fox, N.P. 48286
Harrison, N.T. *see* Friend, R.H. 44224
Harrison, P. Numerical solution to the general one-dimensional diffusion equation in semiconductor heterostructures 2152
Harrison, P.F. Customer Service System: past, present and future 35663
Harrison, P.G. *see* Chakka, R. 35481
Harrison, P.G. *see* de C. Pinto, A. 5827
Harrison, R. *see* Jones, S.J. 18478
Harrison, R.D. *see* Irey, P.M., IV 6132
Harrison, R.F. *see* Downs, J. 25736
Harrison, R.G. An antenna electrometer system for atmospheric electrical measurements 50053
Harrison, R.M. *see* Klevenhagen, S.C. 18583
Harrison, T., Williamson, C. A performance study of multicast routing algorithms for ATM networks 57670
Harrison, T.H. *see* Lindroth, A. 8856
Harrison, T.H. *see* Lindroth, A. 8857
Harrison, T.H. *see* Pyarali, I. 49398
Harrison, T.H. *see* Schmidt, D.C. 35662
Harrison, W.E., III *see* Heneghan, S.P. 18743
Harriss, J.E. *see* Shenouda, B. 34282
Harrod, K.G. *see* Landes, C. 26011
Harrod, K.Gascoyne *see* Gascoyne Harrod, K.
Harrower, J. *see* MacGregor, S.J. 60867
Harroy, F., Lacoume, J.-L. Maximum likelihood estimators and Cramer-Rao bounds in source separation 25094
Hars, A. Software via digital satellite TV 6050
Harsan, H., Hadjsaid, N., Pruvot, P. Power systems cyclic security analysis 60284
Harsan, H., Hadjsaid, N., Pruvot, P. Cyclic security analysis for security constrained optimal power flow 60312
Harsanyi, G. The effect of chemical bonding states on the electrochemical migration of reduced isolating compounds in high density interconnection systems 54499
Harsanyi, G. Polymeric films in microelectronics sensors 58685
Harsanyi, G., Deak, I., Peteri, I. A novel transcutaneous blood oxygen sensor based on MCM-C technology 28079
Harsanyi, G., Illyefalvi-Vitez, Z., Jones, W.K. Correlation between material composition, processing, chemical bonding state, and electrochemical migration failure rate in isolating compounds of high density microelectronics systems 2425
Harsanyi, G., Percsi, L. Failure analysis of migrated short circuits in MCMs using soldering 20957
Harsanyi, G. *see* Jones, K.W. *(editor)* 20334
Harsanyi, L., Kralova, Z., Vesely, V. Power deficit optimization in a plant 39445
Harscher, A. *see* Lichte, H. 33742
Harshavardhana, P., Johri, P.K., Nagarajan, R. A note on weight-based load balancing on SONET rings 5895
Harshe, B.L., Black, W.Z. Ampacity of cables in single covered trays 28900
Harss, B., Berger, J.C., Greene, J., Jiang, C.L., Nolen, J., Pardo, R.C., Paul, M., Rehm, K.E., Schiffer, J.P., Segel, R.E., Wang, T.F. The first production and transport of radioactive ^{17}F at ATLAS for research 49275
Harsson, L.-E. *see* Embrechts, M.J. 11914
Harsson, L.-E. *see* Sankaran, V. 10187
Harsson, L.-E. *see* Sankaran, V. 53808
Harsta, A. *see* Schuisky, M. 30806
Harstead, E. System requirements for optical components in the local loop 58321
Harston, M. *see* Scheurer, J.N. 59353
Hart, A.van der *see* van der Hart, A.
Hart, B., Taylor, D.P. Extended MLSE diversity receiver for the time- and frequency-selective channel 6457
Hart, B., Taylor, D.P. Extended MLSE diversity receiver for the time- and frequency-selective channel 47621
Hart, C. *see* Andrade, R.A. 5463
Hart, C. *see* Dawson, D.W.W. 46060
Hart, C.M. *see* de Graaf, C. 41160
Hart, D. *see* Novosel, D. 8979
Hart, D.L. A software approach to MARS-II digitally recorded telemetry 7206
Hart, D.R., Rosen, M.A. Environmental and health benefits of district cooling using utility-based cogeneration in Ontario, Canada 9737
Hart, D.W. *see* Jani, M.G. 14069
Hart, F.X. *see* Wang, B. 19962
Hart, G. *see* Job, H. 8112
Hart, G. *see* Lee, D.M. 59268
Hart, J.C. *see* Cochran, W.O. 15922
Hart, J.V., III, Pekanik, J.J., Powell, G. Introduction of chemical downstream etch technology into a mature manufacturing environment 32225
Hart, K. *see* Birch, B. 31622
Hart, L., Heller, B. Power converter failure rate prediction by Bayesian analyses 9359
Hart, L. *see* Davidson, B.R. 766
Hart, L. *see* Fernandez, J.M. 763
Hart, L. *see* Newman, R.C. 2029
Hart, L. *see* O'Brien, P. 12260
Hart, M. *see* Smith, P. 33151
Hart, P.J. *see* Stowell, M.H.B. 18159
Hart, S. *see* Gramegna, G. 59327
Hart, W.F. *see* Lin, S.C. 53632
Hartanto, A., Yamamoto, K., Yokoyama, H., Suzuki, T. The interference suppression antenna for the near-field monitor of Category III ILS 8265
Hartanto, F., Kreutzer, W., Pawlikowski, K., Sirisena, H.R. Quantitative stochastic simulation of telecommunication networks in DESC++ 16171
Hartanto, I., Boppana, V., Fuchs, W.K. Identification of unsettable flip-flops for partial scan and faster ATPG 11339
Hartanto, I., Boppana, V., Fuchs, W.K. Diagnostic fault equivalence identification using redundancy information and structural analysis 41044
Hartanto, I. *see* Boppana, V. 53178
Hartbauer, M. *see* Windisch, H. 28364
Harte, K.J. *see* Yanch, J.C. 8108
Hartel, H. Efficiency of computer supported learning material (by integrating simulations and hypertext) 20596
Harten, A. *see* Bihari, B.L. 40292
Harteneck, M., Stewart, R.W., McWhirter, J.G., Proudler, I.K. An effective approach to adaptive IIR filtering 15380
Hartenstein, F. *see* Buschgens, T. 46358
Hartenstein, H. *see* Saupe, D. 56753

Hartenstein, R.W., Becker, J. Hardware/software co-design for data-driven Xputer-based accelerators 52972
Hartenstein, R.W., Becker, J., Herz, M., Nageldinger, U. Co-design and high performance computing: scenes and crisis 41006
Hartenstein, R.W., Glesner, M. *(editors)* Field-Programmable Logic. Smart Applications, New Paradigms and Compilers. 6th International Workshop on Field-Programmable Logic and Applications, FPL '96 Proceedings 9836
Harter, D. *see* Arbore, M.A. 24245
Harter, D. *see* Fermann, M.E. 33403
Harter, D. *see* Galvanauskas, A. 24254
Harter, D. *see* Galvanauskas, A. 33025
Harter, D. *see* Galvanauskas, A. 33406
Harter, D. *see* Hofer, M. 33412
Harter, D. *see* Taverner, D. 33407
Harter, D.J. *see* Hariharan, A. 3726
Harter, D.J. *see* Sucha, G. 55536
Harter, T.L. *see* Gray, J.E. 45489
Hartfiel, D.J. System behavior in quotient systems 10480
Hartford, E.H., Jr. *see* Hellman, E.S. 21251
Hartfuss, H.-J. *see* Geist, T. 36873
Harth, T. *see* Kahn, T. 7927
Harth, W. *see* Claassen, M. 3461
Harthong, T., Sadi, J., Torzynski, M., Vukicevic, D. Speckle phase averaging in high-resolution color holography 44753
Hartigan, G. *see* Ruppert, D. 12607
Hartigan, J. *see* Fox, R. 24823
Hartikainen, K., Rorarius, M., Jantti, V. Monitoring function of neural pathways during anaesthesia with evoked EEG bursts 59620
Hartill, D.L. *see* Rogers, J.T. 49250
Hartimo, L. *see* Kauraniemi, J. 15360
Hartinger, R. *see* Endres, H.-H. 36762
Hartinger, R. *see* Leidl, A. 27711
Hartinger, R. *see* Roth, M. 36763
Hartkamp, M.J. *see* Bakker, C.J.G. 37624
Hartl, R.F.E. *see* Ertl, A. 18586
Hartland, A., Kibble, B.P., Chua, S.W., Bohacek, J. Low-frequency measurements of the quantized Hall resistance 27826
Hartle, J. *see* Carullo, S.P. 19103
Hartle, R.E. *see* Bering, E.A., III 8458
Hartleben, B. Maintenance of regenerative heat exchangers–service performance in the areas of inspection, repairs and making components fit for duty 60547
Hartley, J. *see* Reine, M.B. 50042
Hartley, J.G. *see* Puisto, D.M. 32300
Hartley, R. *see* Pizlo, Z. 57142
Hartley, R.H., Folkard, M.A., Carr, D., Orders, P.J., Shen, G., Kumar, V., Steele, T.A., Varga, I.K., Johnson, B.A., Fueloop, K., Capper, P., Dutton, D., Barton, S., Gale, I., Grainger, F. Phase modulated ellipsometry used for composition control during MBE growth of CdHgTe: an analysis of instrumental factors and an assessment of the material produced 10740
Hartley, R.I. An object-oriented approach to scene reconstruction 25677
Hartley, R.I. Kruppa's equations derived from the fundamental matrix 39965
Hartley, R.I. Self-calibration of stationary cameras 57159
Hartlove, J. *see* Pernyeozy, J. 29703
Hartman, D. *see* Robert, A. 8733
Hartman, D.G. Energy efficiency strategy as environmental policy: 20 years of "free lunch" lessons 28992
Hartman, D.H. *see* Schwartz, D.B. 23710
Hartman, M. *see* Bieniecki, S. 1132
Hartman, R. *see* Deats, B. 58976
Hartman, Ya., Freund, A.K., Snigireva, I., Souvorov, A., Snigirev, A. Two-dimensional X-ray microfocusing using a curved crystal Bragg-Fresnel lens 49360
Hartmann, A., Bongartz, M., Hollfelder, M., Hardtdegen, H., Dieker, C., Lueth, H. Growth of modulation-doped GaAs/AlGaAs quantum wires on V-groove patterned substrates 40485
Hartmann, A., Dieker, C., Bangert, U., Loo, R., Vescan, L., Luth, H. Photoluminescence and transmission electron microscopy investigation of SiGe quantum wires grown on patterned Si substrates 790
Hartmann, A., Puchert, M.K., Lamb, R.N. Influence of copper dopants on the resistivity of ZnO films 2317
Hartmann, A. *see* Puchert, M.K. 2055
Hartmann, A. *see* Souifi, A. 2174
Hartmann, A.J. *see* Koch, M.H. 865
Hartmann, E., Beregi, E. Dissolution forms of rare-earth orthoferrites 10586
Hartmann, E., Heiss, W.A., Sippel, R. Station-service power of MV-switchgear via a voltage transformer 51086
Hartmann, E., Radojkovic, P., Schwartzkopff, M., Enachescu, M., Marquardt, P. Comparative scanning-tunnelling-microscopy investigations of nanostructures prepared by different techniques 12444
Hartmann, F. *see* Becks, K.H. 59228
Hartmann, F.J. *see* Muehlbauer, M. 17970
Hartmann, G. *see* Austermeier, H. 15872
Hartmann, G. *see* Dunker, J. 15519
Hartmann, G. *see* Fellenz, W.A. 15541
Hartmann, G.C. *see* Gutman, E.J. 33225
Hartmann, G.K., Bevilacqua, L.R.M., Schwartx, P.R., Kampfer, N., Kiinzi, K.F., Aellig, C.P., Berg, A., Boogaerts, W., Connor, B.J., Croskey, C.L., Daehler, M., Degenhardt, W., Dicken, H.D., Goldizen, D., Kriebel, D., Langen, J., Loidl, A., Olivero, J.J., Pauls, T.A., Puliafito, S.E., Richards, M.L., Rudin, C., Tsou, J.J., Waltman, W.B., Umlauft, G., Zwick, R. Measurements of O_3, H_2O and ClO in the middle atmosphere using the millimeter-wave Atmospheric Sounder (MAS) 8419
Hartmann, H. *see* Dorschel, B. 59296
Hartmann, H. *see* Siche, D. 10620
Hartmann, J., Auge, J., Lucklum, R., Rosler, S., Hauptmann, P., Adler, B., Dalcanale, E. Supramolecular interactions on mass sensitive sensors in gas phases and liquids 17341
Hartmann, J., Hauptmann, P., Levi, S., Dalcanale, E. Chemical sensing with cavitands: influence of cavity shape and dimensions on the detection of solvent vapors 27734
Hartmann, J., Voigt, P., Reichling, M. Measuring local thermal conductivity in polycrystalline diamond with a high resolution photothermal microscope 48976
Hartmann, J. *see* Ensinger, W. 10886
Hartmann, J. *see* Lucklum, R. 28669
Hartmann, J. *see* Pelloie, J.L. 22816
Hartmann, J.M., Charleux, M., Mariette, H., Rouviere, J.L. Atomic layer epitaxy of CdTe, MgTe and MnTe; growth of CdTe/MnTe tilted superlattices on vicinal surfaces 52704
Hartmann, J.M., Charleux, M., Rouviere, J.L., Mariette, H. Growth of CdTe/MnTe tilted and serpentine lattices on vicinal surfaces 42132
Hartmann, J.M., Cibert, J., Kany, F., Mariette, H., Charleux, M., Alleysson, P., Langer, R., Feuillet, G. CdTe/MgTe heterostructures: Growth by atomic layer epitaxy and determination of MgTe parameters 755
Hartmann, J.M., Feuillet, G., Mariette, H., Vacca, J.M., Charleux, M. Atomic layer epitaxy of CdTe and MnTe 21245
Hartmann, J.X. *see* Tilghman, R.W. 50115
Hartmann, K., Dooley, L.S. Adaptive noise reduction filtering on moving scanned-electron microscope images 35315
Hartmann, M. *see* Bergmann, H.W. 171
Hartmann, M. *see* Bergmann, H.W. 14493
Hartmann, P. The IDEA™ cryptographic algorithm, a successor to DES 24799
Hartmann, Q.J., Gardner, N.F., Horton, T.U., Curtis, A.P., Ahmari, D.A., Fresina, M.T., Baker, J.E., Stillman, G.E. Semi-insulating $In_{0.49}Ga_{0.51}P$ grown at reduced substrate temperature by low-pressure metalorganic chemical vapor deposition 40640
Hartmann, Q.J. *see* Fresina, M.T. 12900
Hartmann, Q.J. *see* Fresina, M.T. 42961
Hartmann, S., Schaffter, M.W., Schulz, A.S. Switchbox routing in VLSI design: closing the complexity gap 41599
Hartmann, U. *see* Euler, R. 48634
Hartnagel, H. *see* Riipuld, J. 49569
Hartnagel, H.I. *see* Hong-Liang Zhu 55623
Hartnagel, H.L. Novel ultradense packaging approaches and curriculum requirements in view of highly efficient microelectronics 9902
Hartnagel, H.L. *see* Dehe, A. 1723
Hartnagel, H.L. *see* Dehe, A. 7341
Hartnagel, H.L. *see* Gottwald, P. 54389
Hartnagel, H.L. *see* Henkel, A. 32144
Hartnagel, H.L. *see* Henkel, A. 41468
Hartnagel, H.L. *see* Miao, J. 12284
Hartnagel, H.L. *see* Miao, J. 32142
Hartnagel, H.L. *see* Tiginyanu, I.M. 54080
Hartnagel, H.L. *see* Vogt, A. 22428
Hartnett, R. *see* Kmiecik, C. 20584
Hartnett, R.J. *see* Peterson, B. 48167
Hartney, M. ARPA display program and the National Flat Panel Display Initiative 17683
Hartog, D.J.D. *see* Chapman, J.T. 36383
Hartog, D.J.Den *see* Den Hartog, D.J.
Hartog, P.B. *see* Stoldt, H. 48230
Hartog, S.G.den *see* den Hartog, S.G.
Hartree, W.S. *see* Fox, N.P. 48286
Hartridge, A. *see* Bhattacharya, A.K. 820
Hartsfield, D.K. *see* Garverick, S.L. 27475
Hartsock, D.C. *see* Liggett, K.K. 59932
Hartsock, D.C. *see* Solz, T.J., Jr. 19004
Hartt, K. *see* Adeyemi, O.A. 24844
Hartung, F., Girod, B. Digital watermarking of raw and compressed video 15609
Hartung, F., Girod, B. Statistical optimization of switched two-level quantizers with application to DPCM encoding of color video 25578
Hartung, F., Girod, B. Watermarking of MPEG-2 encoded video without decoding and re-encoding 47350
Hartung, F. *see* Girod, B. 5145
Hartung, P. *see* Muenzer, H. 49137
Hartung, R. On the analysis of CO_2, H_2- and CO, H_2-mixtures by water-gas potentiometry with solid electrolyte cells 48992
Hartung, W., Barnes, P., Belomestnykh, S., Billing, M., Chiang, R., Chojnacki, E., Kirchgessner, J., Moffat, D., Padamsee, H., Pisharody, M., Rubin, D., Tigner, M. Measurement of the interaction between a beam and a beam line higher-order mode absorber in a storage ring 49248
Hartung, W. *see* Befomestnykh, S. 49247
Hartwell, F.P. Transfer switches and the '96 NEC: what you need to know 60339
Hartwell, F.P. Sizing continuously loaded conductors made simple 60391
Hartwig, H. A note on roughly convex functions 10370
Hartwig, H. *see* Dohlus, M. 7729
Hartwig, K.T. *see* Edgecumbe Summers, T.S. 52836
Hartwig, K.T. *see* Hua, C.Y. 58955
Hartwig, K.T. *see* Watts, L.C. 32940
Harty, P.D. *see* MacGregor, I.J.D. 37365
Hartzel, J.S. *see* Hopper, K.D. 7937
Hartzell, A., Rose, J., Liu, D., McPherson, P., O'Shaughnessy, M., Seeley, C., Burt, R. Correlating extraction and contaminant-transfer test results for cleanroom gloves 42491
Hartzell, D. *see* Seaford, M. 54688
Hartzell, D. *see* Seaford, M.L. 13019
Haru, T., Akiba, J., Kishida, T., Kondo, Y. Study on call model of advanced intelligent network for controlling B-ISDN 26303
Haruki, N. *see* Nishimura, Y. 60455
Haruki, R., Horiuchi, T., Yamada, H., Yamamoto, K. Automatic seal verification using three-dimensional reference seals 5603
Haruki, R., Horiuchi, T., Yamada, H., Yamamoto, K. Automatic seal impression identification using three-dimensional reference seals 25716
Haruki, T., Asai, S., Nakagawa, K., Hanyu, I. MASCOT: mask pattern correction tool using genetic algorithm 32256
Harumoto, H. *see* Yugawa, T. 16273
Harumoto, K. *see* Hara, T. 35765
Harumoto, M. *see* Hotate, K. 48602
Harun-ur, A.B.M., Katoda, T. Optical characterization of tin diffusion and defect generation in strained GaAs 31808
Haruna, S. *see* Kamiyama, H. 41250
Harunami, T. *see* Kimura, T. 29458
Harus, G.I. *see* Neifeld, E.A. 22229
Haruta, M. *see* Ando, M. 7313
Haruta, R., Ichitani, M., Imura, K., Miyazaki, C., Kinjo, A., Anjoh, I. A novel, low-cost leadframe supported BGA (L-BGA) 10155
Haruta, Y., Kambayasi, T., Matsumoto, T., Hiraoka, H., Fujiwara, M. New manufacturing process for multilayer PCB having blind via holes, "Via-Sheet system" 11907
Harutjunian, Z. *see* Loh, W.H. 23810
Harutunian, I.G. *see* Mouradian, L.Kh. 17848
Haruvi-Busnach, I., Seidman, A., Croitoru, N. Beam propagation algorithms for frequency response of surface acoustic wave directional couplers 3017
Haruyama, J., Negishi, H., Nishimura, Y., Nashimoto, Y. Substrate-related kink effects with a strong light-sensitivity in AlGaAs/InGaAs PHEMT 13035
Haruyama, T. *see* Aizawa, M. 7437
Harvatis, C., Tekmen, Y.C., Bilbro, G.L., Franzon, P.D. Pin assignment for high-performance MCM systems 12037
Harvel, L.D. *see* Schafer, R.W. 52030
Harvey, C.S. *see* Saltzberg, M. 20199
Harvey, D.G., Jr., Jones, S.G. Implementation of the ISO 9001 Qualify Standard at the Jet Propulsion Laboratory 37938
Harvey, D.M. *see* Grudin, M.A. 46036
Harvey, D.M. *see* Grudin, M.A. 46388
Harvey, E.C., Fletcher, J., Engelsberg, A.C. A non-reactive excimer-based surface preparation and cleaning tool for broad-based industrial applications 14504
Harvey, H.J. *see* King, J.P. 16750
Harvey, H.J. *see* Saunders, R.A. 6853
Harvey, J. *see* Nuteson, T.W. 53554
Harvey, J. *see* Russell, S. 60131
Harvey, J.D. *see* Barry, L.P. 13581
Harvey, J.D. *see* Barry, L.P. 55197
Harvey, J.D. *see* Drummond, P.D. 23757
Harvey, J.D. *see* Dudley, J.M. 55217
Harvey, J.D. *see* Murdoch, S.G. 3364
Harvey, J.E. *see* Reddy, S.P. 35320
Harvey, M.G. *see* Alphonse, G.A. 3635
Harvey, M.G. *see* Garbuzov, D.Z. 3847
Harvey, M.K. *see* Wang, L.C. 61001
Harvey, P., Esener, S. Thickness variation compensation in a Fabry-Perot modulator array using a self-tuned Fabry-Perot structure 44071
Harvey, P. *see* Kennedy, J. 35924
Harvey, R. *see* Bangham, J.A. 5522
Harvey, W.A. *see* Chun, C.S.L. 17510
Harwood, D. *see* Bader, D.A. 5499
Harwood, L. *see* Hovater, C. 37107
Hary, S.L. *see* Jayasimha, D.N. 16126
Haryu, K., Chiba, I., Mano, S., Katagi, T. Near-field measurement method of a phased-array antenna – measurement of element amplitude and phase for array 45429
Harywell, F.P. On-site motor energy audits: use with caution 60667
Harz, H. *see* Messler, P. 28245
Harz, M., Engelke, H. Curvature changing or flattening of anodically bonded silicon and borosilicate glass 23029
Hasagawa, J. *see* Kuwayama, A. 38596
Hasaka, M., Aki, T., Morimura, T., Kondo, S.-I. Thermoelectric properties of Cu-Sn-S 61103

Hasaka, M., Morimura, T., Aki, T., Kondo, S. Thermoelectric properties and structures of the sintered compact of Cu:Sn:S=8:1:4 composition 31919
Hasaka, M. *see* Kondo, S. 31910
Hasaka, M. *see* Kondo, S. 39236
Hasan, A.A., Hasan, M.A. A fast transversal filter for the numerical factorization of polynomials 15283
Hasan, J. *see* Hirvonen, K. 59689
Hasan, J. *see* Huupponen, E. 59628
Hasan, J. *see* Varri, A. 37810
Hasan, K., Yahagi, T. A new time-domain design method of IIR approximate inverse systems using all-pass filters 11595
Hasan, M.A., Azimi-Sadjadi, M.R., Wilbur, J., Dobeck, G.J. A modified block FTF adaptive algorithm with applications to underwater target detection 4698
Hasan, M.A. *see* Hasan, A.A. 15283
Hasan, M.A. *see* Huapeng Wu 34533
Hasan, M.A. *see* Pichora, M. 41254
Hasan, M.A. *see* Wu, H.-P. 45635
Hasan, M.K., Yahagi, T. Accurate noise compensation technique for the identification of multichannel AR processes with noise 4699
Hasan, M.M. *see* Babu, V.R. 54740
Hasan, N. *see* Capocci, H.F. 19172
Hasan, S. *see* Ivanov, G.G. 59651
Hasan, S. *see* Zyborski, J. 60872
Hasan, S.M.R., Ng Kang Siong A parallel processing VLSI BAM engine 41370
Hasan, S.M.R., Rajagopal, C.D. Low-voltage dynamic BiCMOS CLA circuit with carry skip using novel full-swing logic 21603
Hasan, U., Short, M.J., Ekwue, A.O. Computational intelligence approaches to voltage collapse monitoring 19084
Hascher, W. Modern electronic measurement and calibration instruments 7485
Hascher, W. Power in mini-format [miniaturised power supplies for microprocessors] 11166
Hascher, W. Intelligent collection of measurement data 48381
Hascher, W. The GPS navigation system–future title applications 58500
Hascik, J. *see* Grone, R. 7852
Hascsi, Z., Mitu, B., Petre, M., Stefan, G. High-level synthesis of an enhanced Connex memory 41146
Hase, H., Nasu, H., Mito, A., Hashimoto, T., Matsuoka, J., Kamiya, K. Second harmonic generation from surface crystallized Li_2O-Ta_2O_5-SiO_2 glass 4016
Hase, H. *see* Nasu, H. 14316
Hase, I. *see* Nomoto, K. 42921
Hase, I. *see* Nomoto, K. 42934
Hase, K. *see* Kunzmann, S. 7789
Hase, M.K. *see* Grannan, S.M. 58762
Hase, N. *see* Deguchi, M. 17796
Hase, P. *see* Schreiber, R. 9662
Hase, S.-I. *see* Uzuka, T. 29746
Hase, T., Shibutani, K., Fukumoto, Y., Hayashi, S., Shimada, M., Ogawa, R. Development of a Bi-2212 superconducting magnet 55134
Hase, T., Shibutani, K., Hayashi, S., Shimada, M., Ogawa, R., Kawate, Y. Generation of 1 T, 0.5 Hz alternating magnetic field in room temperature bore of cryocooler-cooled Bi-2212 superconducting magnet 13519
Hase, T. *see* Fukumoto, Y. 13483
Hase, T. *see* Koike, H. 2999
Hase, T. *see* Noguchi, T. 2906
Hase, T.P. *see* Niedoba, H. 43670
Hase, Y. *see* Taira, K. 47771
Hasebe, K. *see* Shishiguchi, S. 10771
Hasebe, N. *see* Doke, T. 28019
Hasebe, N. *see* Sakaguchi, K. 14727
Hasebe, S. *see* Shibata, Y. 20221
Hasebe, S. *see* Shinohara, H. 59402
Hasebe, T. *see* Tokura, T. 17101
Hasebe, T. *see* Watanabe, K. 3302
Hasebe, T. *see* Watanabe, K. 13520
Hasebe, T. *see* Watanabe, K. 43842
Hasebe, Y. *see* Tokuda, Y. 12682
Haseborg, J.L.T. *see* Mewes, H. 36285
Haseborg, J.L.ter *see* ter Haseborg, J.L.
Hasegawa, A. Multiplexing in soliton transmission systems 16722
Hasegawa, A. *see* Endo, T. 1180
Hasegawa, A. *see* Hikosaka, Y. 54308
Hasegawa, A. *see* Ikeda, H. 33638
Hasegawa, A. *see* Kumar, S. 16713
Hasegawa, A. *see* Kumar, S. 47960
Hasegawa, A. *see* Kumar, S. 55883
Hasegawa, A. *see* Matsumoto, M. 58269
Hasegawa, A. *see* Takahashi, M. 19511
Hasegawa, A. *see* Toda, H. 55313
Hasegawa, B.H. *see* Goh, K.L. 59497
Hasegawa, B.H. *see* Heanue, J.A. 35173
Hasegawa, B.H. *see* Heanue, J.A. 59286
Hasegawa, E. *see* Murai, H. 33140
Hasegawa, F. *see* Tsuchiya, H. 30763
Hasegawa, F. *see* Tsuchiya, H. 30841
Hasegawa, H., Shimasaki, H., Tsutsumi, M. Waveguide bandpass filter of millimeter waves using two ferrite chips 1687
Hasegawa, H. *see* Fujikura, H. 54400
Hasegawa, H. *see* Hanabusa, M. 21356
Hasegawa, H. *see* Hanabusa, M. 41869
Hasegawa, H. *see* Hashizume, T. 12455
Hasegawa, H. *see* Hashizume, T. 54287
Hasegawa, H. *see* Kabasawa, U. 43783
Hasegawa, H. *see* Kasai, S. 32464
Hasegawa, H. *see* Murai, T. 39314
Hasegawa, H. *see* Nitta, T. 60308
Hasegawa, H. *see* Tomozawa, H. 13044
Hasegawa, H. *see* Yoshida, T. 54301
Hasegawa, I. *see* Yamanaka, N. 6086
Hasegawa, J. *see* Daeseok Rho 60371
Hasegawa, J. *see* Mori, K. 15988
Hasegawa, J. *see* Nara, K. 38265
Hasegawa, J. *see* Song-Keun Lee 28854
Hasegawa, J. *see* Yamaoka, M. 19368
Hasegawa, J. *see* Yasue, M. 7858
Hasegawa, J.-I. *see* Matsusaka, M. 49452
Hasegawa, K., Mizumoto, M., Kusano, J., Ito, N., Oguri, H., Touchi, Y., Ino, H., Mukugi, K. The R&D status on the front end of the high intensity proton accelerator in JAERI 49054
Hasegawa, K., Ohara, K., Oka, A., Kamada, T., Nagaoka, Y., Yano, K., Yamauchi, E., Kashiro, T., Nakagawa, T. Low-power video encoder/decoder chip set for digital VCRs 6385
Hasegawa, K. *see* Harada, K. 11753
Hasegawa, K. *see* Ito, N. 49166
Hasegawa, K. *see* Kanai, H. 933
Hasegawa, K. *see* Mizumoto, M. 49053
Hasegawa, K. *see* Mukaeda, S. 11775
Hasegawa, M., Ikeguchi, T., Matozaki, T., Aihara, K. Improving image segmentation by chaotic neurodynamics 4953
Hasegawa, M. *see* Ito, S. 61037
Hasegawa, M. *see* Katsumata, H. 2314
Hasegawa, M. *see* Katsumata, H. 31930
Hasegawa, M. *see* Katsumata, H. 42030
Hasegawa, M. *see* Kobayashi, N. 10791
Hasegawa, M. *see* Kobayashi, N. 42392
Hasegawa, N., Imai, A., Terasawa, T., Hayano, K., Tanaka, T., Oki, Y., Murai, F. Photolithography using half-tone phase-shifting mask 32340
Hasegawa, N., Kawasumi, M., Usuki, A., Okada, A. Reversible electro-optical switching of a memory type PDLC using two-frequency-addressing liquid crystals 23592
Hasegawa, N. *see* Imai, A. 2506
Hasegawa, N. *see* Imai, A. 2558
Hasegawa, N. *see* Nishimaki, J. 3096
Hasegawa, S. *see* Kawagoe, T. 35621
Hasegawa, S. *see* Matsuki, J. 9469
Hasegawa, S. *see* Nakajima, Y. 22441
Hasegawa, S. *see* Tofanelli, A. 26393
Hasegawa, S. *see* Xiao Tong 32073
Hasegawa, T., Asai, Y. Power supply transformer for switches 38780
Hasegawa, T., Matsuoka, T., Kiriki, T., Honda, K. Dexterous manipulation system with a multi-fingered hand and multi-sensors 27904
Hasegawa, T., Minamihaba, T., Daibo, M., Kumagai, T., Fujisawa, M., Tayama, N. Development of interactive multimedia database 39733
Hasegawa, T., Shimada, W., Tochihara, H., Hosoki, S. Dynamic observation of Si-island growth on a Si(111)-7×7 surface by high-temperature scanning tunneling microscopy 12142
Hasegawa, T., Yamaji, K., Hatano, M., Aoyagi, H., Taniguchi, Y., Kobayashi, A. DC dielectric characteristics and conception of insulation design for DC GIS 9419
Hasegawa, T., Yamaji, K., Hatano, M., Endo, F., Rokunohe, T., Yamagiwa, T. Development of insulation structure and enhancement of insulation reliability of 500 kV DC GIS 38894
Hasegawa, T., Yamaji, K., Hatano, M., Watahiki, S., Shirakawa, S. Developments of HVDC 500 kV-600 kV SF_6 gas tank type surge arresters 9454
Hasegawa, T., Yamaji, K., Irokawa, H., Shirahama, H., Tanaka, C., Akabane, K. Development of a thyristor valve for next generation 500 kV HVDC transmission systems 8859
Hasegawa, T., Yoshida, I. Application technology of molded products in the field [switchgear] 38903
Hasegawa, T. *see* Habuchi, H. 26489
Hasegawa, T. *see* Hasegewa, T. 57652
Hasegawa, T. *see* Ishida, O. 36169
Hasegawa, T. *see* Ito, F. 25571
Hasegawa, T. *see* Kato, T. 46769
Hasegawa, T. *see* Kawasaki, N. 30433
Hasegawa, T. *see* Keren Li 24538
Hasegawa, T. *see* Matsumoto, A. 31174
Hasegawa, T. *see* Miyajima, T. 26488
Hasegawa, T. *see* Nakamoto, M. 41782
Hasegawa, T. *see* Nakashima, M. 8913
Hasegawa, T. *see* Noumi, H. 37073
Hasegawa, T. *see* Sato, H. 59166
Hasegawa, T. *see* Shiratake, S. 53298
Hasegawa, Y., Egawa, T., Jimbo, T., Umeno, M. Suppression of (100) dark-line defect growth in AlGaAs/InGaAs single quantum well lasers grown on Si substrates 10733
Hasegawa, Y., Miyazima, S. Polishing rate for (100) and (110) surfaces 32169
Hasegawa, Y., Takeichi, K., Matsuo, T. Realization theory of 3-dimensional arrays 46444
Hasegawa, Y. *see* Abe, K. 37234
Hasegawa, Y. *see* Ibuka, K. 8188
Hasegawa, Y. *see* Ichioka, Y. 20791
Hasegawa, Y. *see* Okuno, Y. 20056
Hasegawa, Y. *see* QikunXue 2001
Hasegawa, Y. *see* Xue Qikun 30826
Hasegewa, T., Hasegawa, T., Kato, T., Suzuki, K. A video retrieval protocol with video data prefetch and packet retransmission considering play-out deadline 57652
Hasei, M. *see* Miura, N. 27753
Haselgrove, J.C., Moore, J.R. Correction for distortion of echo-planar images used to calculate the apparent diffusion coefficient 28173
Haselhoff, M. *see* Reimann, K. 22227
Hasenack, C.M. *see* dos Santos Filho, S.G. 40516
Hasenack, C.M. *see* dos Santos Fo, S.G. 40515
Hasenberg, T. *see* Huang, M.-F. 33133
Hasenberg, T.C. *see* Jang, D.-J. 42133
Hasenberg, T.C. *see* Miles, R.H. 3892
Hasenwinkle, I. *see* Zipp, J. 28937
Hasenzagl, A., Weiser, B., Pfuetzner, H. Magnetostriction of 3% SiFe for 2-D magnetization patterns 23315
Hasenzagl, A., Weiser, B., Pfuetzner, H. Novel 3-phase excited single sheet tester for rotational magnetization 27848
Hasenzagl, A. *see* Weiser, B. 23377
Haserer, B. *see* Griebl, E. 22387
Haseroth, H., Hora, H. Physical mechanisms leading to high currents of highly charged ions in laser-driven ion sources 18078
Haseroth, H., Kugler, H., Langbein, K., Lombardi, A., Pirkl, W., Scrivens, R., Sherwood, T., Ster, A., Tambini, A., Tanke, E., Kondrashev, S.A., Roudskoy, V., Sharkov, B.Y., Shumshurov, A., Laska, L., Rohlena, K., Wolowski, J., Woryna, E., Makarov, K.N., Roerich, V.C., Satov, Yu.A., Stepanov, A.E. Laser ion source development for heavy ions 49278
Haseroth, H. *see* Bourgeois, M. 49273
Haseroth, H. *see* Collier, J. 18076
Haseroth, H. *see* Feschenko, A.V. 37134
Haseroth, H. *see* Mroz, W. 59182
Haseroth, H.D. Pb injector at CERN 37147
Haseyama, M., Kitajima, H. A realization method of an ARMAX lattice filter 34791
Haseyamai, M. *see* Jo, T. 15857
Hash, G.L. *see* Dodd, P.E. 21691
Hashem, A.M. *see* Badawi, A.M. 18358
Hashemi, H., Herrell, D. Power distribution fidelity of wirebond compared to flip chip devices in grid array packages 41704
Hashemi, H., Walshak, D., Mehrotra, P. Development and characterization of a few-chip module housing a DC-DC power supply 1128
Hashemi, H. *see* Dolbear, T. 52221
Hashemi, H. *see* Walshak, D. 209
Hashemi, H. *see* Walshak, D.B., Jr. 39844
Hashemi, M.R., Leon-Garcia, A. Input buffering and back-pressure mechanism in ATM switches 16499
Hashemi, Z.Z. *see* Ubnoske, M.J. 59967
Hashi, M. *see* Maeda, K. 33186
Hashiba, S., Kato, I., Onodera, K., Takeshita, T., Koga, M. Concurrent engineering with CAM/CAT systems to reduce the production preparation lead time of personal computer PCB assembly 20836
Hashida, M. *see* Oe, S. 15864
Hashiguchi, A. *see* Nakamura, K. 35071
Hashiguchi, G. *see* Hiramoto, T. 12463
Hashiguchi, G. *see* Hiramoto, T. 32465
Hashiguchi, S., Murakami, H., Hua-Gang Wang, Xinxin Zhou, Ohki, M., Miyahara, S. Dynamic characteristics of a simple eye-tracking pointer 18552
Hashim, I., Raaijmakers, I.J., Adler, G., Sidhwa, A., Chopra, S. Residual gas phase contamination of Al-Cu alloy films and its effect on electromigration behavior 42783
Hashim, M.D.R. *see* Le Tron, B. 54604
Hashima, K. *see* Sone, T. 27663
Hashimito, K. *see* Shuto, S. 1365
Hashimoto, A., Yasui, K., Kusui, S. Single phase standard watthour meter using precision self-calibrating multiplier 36790
Hashimoto, A. *see* Nakada, K. 60370
Hashimoto, A. *see* Ohtaka, M. 33053
Hashimoto, A. *see* Ono, S. 52746
Hashimoto, A. *see* Umehira, M. 6519
Hashimoto, A. *see* Umehira, M. 47090
Hashimoto, A. *see* Yamamoto, A. 30831
Hashimoto, A. *see* Yamauchi, Y. 30873
Hashimoto, E., Tanaka, H., Suzuki, Y., Uenishi, Y., Watabe, A. Thermally controlled magnetization actuator for microrelays 41564
Hashimoto, H., Shen, Y., Takeuchi, Y., Yoshitome, E. Ultrasound 3-dimensional image processing using power Doppler image 28126
Hashimoto, H., Yamaura, T., Higashiguchi, M. A position measurement of view point on straight passage with constraint of inclination of boundary lines 15488
Hashimoto, H., Yamaura, T., Higashiguchi, M. Detection of obstacle from monocular vision based on histogram matching method 46190
Hashimoto, H., Yamazoe, R. High speed data communication over CATV 58575
Hashimoto, H. *see* Korondi, P. 51239
Hashimoto, H. *see* Matsuki, H. 8139
Hashimoto, H. *see* Matsumura, S. 25715
Hashimoto, H. *see* Okino, Y. 43917
Hashimoto, H. *see* Shang Li 56552
Hashimoto, H. *see* Tonegawa, S. 58245
Hashimoto, H. *see* Tsuboi, H. 56382
Hashimoto, H. *see* Tsuchida, H. 31714

Hashimoto, H. *see* Yamashita, S. 16230
Hashimoto, I. *see* Mizuno, T. 32883
Hashimoto, I. *see* Tokiguchi, K. 42290
Hashimoto, J., Yoshida, I., Murata, M., Katsuyama, T. Aging time dependence of catastrophic optical damage (COD) failure of a 0.98-μm GaInAs-GaInP strained quantum-well laser 14185
Hashimoto, K., Aoki, A., Noritsugu, T. Visual servoing with redundant features 46146
Hashimoto, K., Koide, Y., Tadanaga, O., Oku, T., Teraguchi, N., Tomoura, Y., Suzuki, A., Murakami, M. Cd and Te-based ohmic contact materials to p-type ZnSe 54254
Hashimoto, K., Nagano, I., Yamamoto, M., Okada, T., Kimura, I., Matsumoto, H., Oki, H. EXOS-D (AKEBONO) very low frequency plasma wave instruments (VLF) 50076
Hashimoto, K., Ohya, K., Yamane, Y. Dead-time measurement for radiation counters by variance-to-mean method 18120
Hashimoto, K., Yamaguchi, M. Free software products for simulation and design of surface acoustic wave and surface transverse wave devices 13397
Hashimoto, K. *see* Abe, K. 32248
Hashimoto, K. *see* Futsuhara, M. 12840
Hashimoto, K. *see* Hikosaka, Y. 54308
Hashimoto, K. *see* Horinaka, H. 15808
Hashimoto, K. *see* Horinaka, H. 59528
Hashimoto, K. *see* Jin-Ki Kim 1402
Hashimoto, K. *see* Jin-Ki Kim 53294
Hashimoto, K. *see* Kato, H. 21690
Hashimoto, K. *see* Matsumoto, K. 35671
Hashimoto, K. *see* Ohkoshi, S. 43614
Hashimoto, K. *see* Onoda, H. 54523
Hashimoto, K. *see* Sawada, Y. 2339
Hashimoto, K. *see* Senba, N. 59876
Hashimoto, K. *see* Tomita, Y. 40733
Hashimoto, M. Two variational principles in geometrical optics–comparisons 4314
Hashimoto, M., Higuchi, N. Spectral mapping method for voice conversion using speaker selection and vector field smoothing techniques 24867
Hashimoto, M., Yonezawa, Y., Itoh, K. New mouse-function using teeth-chattering and potential around eyes for the physically challenged 8168
Hashimoto, M. *see* Araki, T. 44281
Hashimoto, M. *see* Doi, H. 2912
Hashimoto, M. *see* Fukutomi, H. 40709
Hashimoto, M. *see* Okada, M. 14164
Hashimoto, M. *see* Takabatake, Y. 35871
Hashimoto, M. *see* Teshima, H. 13480
Hashimoto, M. *see* Utsunomiya, M. 13447
Hashimoto, N., Baba, N. Serial section reconstruction using the intensity profile of a section image 7857
Hashimoto, N. *see* Miura, O. 38378
Hashimoto, N. *see* Miyamoto, M. 9305
Hashimoto, N. *see* Tani, Y. 17665
Hashimoto, O. *see* Nishizawa, S. 33975
Hashimoto, O. *see* Nishizawa, S. 37913
Hashimoto, S., Mitsuhashi, Y., Funae, H., Satoh, N., Takayama, S., Kawaguchi, N. A study on band control method for frame relay over TDM 16232
Hashimoto, S., Saito, H. Restoration of space-variant blurred image using a wavelet transform 57158
Hashimoto, S., Sasaki, S. Quasi-periodic undulator 17910
Hashimoto, S., Yamashita, N., Mikami, T. Feasibility of a new ground-based microwave measurement method for the atmospheric water vapor 8444
Hashimoto, S. *see* Ando, T. 32264
Hashimoto, S. *see* Hattori, K. 22723
Hashimoto, S. *see* Ikeuchi, K. 28403
Hashimoto, S. *see* Ishida, S. 22633
Hashimoto, S. *see* Itani, T. 32278
Hashimoto, S. *see* Itani, T. 32315
Hashimoto, S. *see* Itani, T. 42830
Hashimoto, S. *see* Ito, M. 44596
Hashimoto, S. *see* Ohwaki, T. 40560
Hashimoto, S. *see* Saeki, T. 1385
Hashimoto, S. *see* Ueda, M. 45687
Hashimoto, S. *see* Yoshino, H. 42831
Hashimoto, T., Fujii, M., Yamauchi, K. Polarity superposition method of signal detection in impulsive noise 45893
Hashimoto, T., Imafuji, O., Ishida, M., Terakoshi, Y., Sugino, T., Yoshikawa, A., Itoh, K., Shirafuji, J. Inheritance of zinc-blende structure from 3C-SiC/Si(001) substrate in growth of GaN by MOCVD 12248
Hashimoto, T., Kumauchi, T., Jinbo, T., Watanabe, K., Yoshida, E., Miura, H., Shiba, T., Tamaki, Y. Interface controlled IDP process technology for 0.3 μm high-speed bipolar and BiCMOS LSIs 22530
Hashimoto, T., Nakasuga, Y., Yamada, Y., Terui, H., Yanagisawa, M., Moriwaki, K., Suzaki, Y., Tohmori, Y., Sakai, Y., Okamoto, H. Hybrid integration of spot-size converted laser diode on planar lightwave circuit platform by passive alignment technique 3646
Hashimoto, T., Yamauchi, K., Maruyama, H. Experimental evaluation of BPSK optimum receiver for impulsive noise 47547
Hashimoto, T. *see* Cuong Dinh 45628
Hashimoto, T. *see* Hase, H. 4016
Hashimoto, T. *see* Horiba, S. 1359
Hashimoto, T. *see* Koga, H. 41166
Hashimoto, T. *see* Kuriyama, T. 51873
Hashimoto, T. *see* Mino, S. 3668
Hashimoto, T. *see* Mino, S. 3884
Hashimoto, T. *see* Miyamoto, K. 43278
Hashimoto, T. *see* Okuno, A. 52239
Hashimoto, T. *see* Shinohara, H. 59402
Hashimoto, T. *see* Takayama, T. 14117
Hashimoto, T. *see* Tashiro, T. 48550
Hashimoto, T. *see* Terashima, M. 23623
Hashimoto, T. *see* Tezuka, H. 47904
Hashimoto, T. *see* Togo, M. 2644
Hashimoto, T. *see* Tsukagoshi, T. 51874
Hashimoto, T. *see* Yanagisawa, M. 58329
Hashimoto, T. *see* Yoshida, J. 43808
Hashimoto, Y. *see* Arai, S. 49038
Hashimoto, Y. *see* Isawa, K. 48803
Hashimoto, Y. *see* Kikuchi, S. 9271
Hashimoto, Y. *see* Kurihara, H. 45246
Hashimoto, Y. *see* Nakayama, M. 35818
Hashimoto, Y. *see* Nemoto, Y. 47320
Hashimoto, Y. *see* Saito, T. 12373
Hashimoto, Y. *see* Saito, T. 14940
Hashimoto, Y. *see* Satonaka, H. 58853
Hashimoto, Y. *see* Tamura, H. 13542
Hashimoto, Y. *see* Yatsuzuka, M. 12090
Hashimoto, Y. *see* Yatsuzuka, M. 12114
Hashimoto, Y. *see* Zhang, T. 33470
Hashish, E.A. Improved FFT inversion method for discrete multi-layer dielectric models 34006
Hashizume, H. *see* Nukulin, A.Yu. 41826
Hashizume, M., Yano, T., Kuchii, T., Tamesada, T. DFT of bridging faults in bipolar combinational circuits with current testing 11411
Hashizume, M. *see* Kuchii, T. 53134
Hashizume, S., Mitsuyama, Y., Matsutani, Y., Onogi, K., Nishimura, Y. Construction of Petri nets from a given partial language 21069
Hashizume, S. *see* Matsutani, Y. 10300
Hashizume, T., Koyanagi, S., Hasegawa, H. Contactless capacitance-voltage and photoluminescence characterization of ultrathin oxide-silicon interfaces formed on hydrogen terminated (111) surfaces 54287
Hashizume, T., Okada, H., Hasegawa, H. Quantum transport in a Schottky in-plane-gate controlled GaAs/AlGaAs quantum well wires 12455
Hashizume, T. *see* Fujikura, H. 54400
Hashizume, T. *see* Heike, S. 2369
Hashizume, T. *see* Ibuka, K. 8188
Hashizume, T. *see* Kasai, S. 32464
Hashizume, T. *see* QikunXue 2001
Hashizume, T. *see* Tomozawa, H. 13044
Hashizume, T. *see* Xue Qikun 30826
Hashizume, T. *see* Yoshida, T. 54301
Hasiak, M. *see* Zbroszczyk, J. 23308
Hasiak, M. *see* Zbroszczyk, J. 23309
Hasiak, M. *see* Zbroszczyk, J. 23332
Hasiguti, R.R. *see* Yagi, E. 2060
Hasimoto, T. *see* Noguchi, K. 59885
Haskard, M.R. *see* Son, M. 27696
Haskard, M.R. *see* Woo-Beom Choi 54320
Haskell, B. *see* Chung, T. 10072
Haskell, B.G. *see* Chen, T. 35200
Haskell, B.G. *see* Puri, A. 56875
Haskell, R.B. *see* Caron, J.J. 23169
Haskew, T.A., Schinstock, D.E., Bredeson, J.G., Salem, T.E. Brushless machine monitoring and simulation 19762
Haskew, T.A. *see* McInerny, S.A. 20587
Haskew, T.A. *see* Schinstock, D.E. 19941
Haskins, R.J., Jr. IBM Endicott's panel continuous improvement program: Activity Based Costing/Management 9977
Hasko, D. *see* Boese, I.M. 58974
Hasko, D.G. *see* Adeyeye, A.O. 43616
Hasko, D.G. *see* Sato, T. 43394
Haslam, G.E., Damini, A. Specifying the allowable latencies in the application of SAR motion corrections 16958
Haslam, G.E. *see* Damini, A. 27055
Haslam, S.D. *see* Taylor, L. 44107
Haslar, V. *see* Basso, V. 3086
Haslar, V. *see* Kraus, L. 3062
Hasler, B. *see* Bertagnolli, E. 2796
Hasler, B. *see* Wendt, H. 2811
Hasler, E.M. *see* Herzog, W. 7874
Hasler, M. *see* Schweizer, J. 5812
Hasler, M.J. *see* Celka, P. 11712
Hasler, P., Minch, B.A., Diorio, D., Mead, C. An autozeroing amplifier using PFET hot-electron injection 1573
Hasler, P. *see* Diorio, C. 1633
Haslett, J.W. *see* Aghtar, S. 11619
Haslett, J.W. *see* Finvers, I.G. 11201
Haslett, J.W. *see* Gupta, A.K. 23018
Haslwanter, T. Eye movement analysis with search coils and video systems 7868
Hasman, A. *see* Muijtjens, A.M.M. 18320
Hasman, E., Davidson, N., Danziger, Y., Friesem, A. Diffractive optics: design, realization, and applications 33762
Hasnain, S. *see* Albagli, A. 20733
Hasnat, K., Choh-Fei Yeap, Jallepalli, S., Hareland, S.A., Shih, W.-K., Agostinelli, V.M., Tasch, A.F., Maziar, C.M. Thermionic emission model of electron gate current in submicron NMOSFETs 12989
Hasnat, K. *see* Angelo, D. 54814
Hasoon, F. *see* Albin, D. 40548
Hasoon, F.S. *see* Ramanathan, K. 39074
Haspeklo, H. *see* Stotz, M. 34444
Haspeslagh, D. *see* Verfaillie, J. 21824
Haspeslagh, D. *see* Zhong Yuan Chang 41301
Haspeslagh, J. *see* Sierens, C. 17081
Haspeslagh, L. *see* De Blauwe, J. 41148
Haspeslagh, L. *see* Montanari, D. 1373
Hassan, A.A., Stark, W.E., Hershey, J.E., Chennakeshu, S. Cryptographic key agreement for mobile radio 14806
Hassan, A.A. *see* Hershey, J.E. 24663
Hassan, A.A. *see* Ramesh, R. 36025
Hassan, A.A.H. *see* Halasz, S. 50897
Hassan, A.A.M., Salam, G.M.A., Ayyad, A.M. Pulse-width modulation of the output voltage of a solar AC power supply 19633
Hassan, A.A.M. *see* Halasz, S. 9323
Hassan, A.A.M. *see* Halasz, S. 38878
Hassan, A.F. *see* El-Nicklawy, M.M. 14445
Hassan, A.F. *see* El-Nicklawy, M.M. 43953
Hassan, A.K., Gould, R.D., Ray, A.K. Van der Pauw resistivity measurements on thermally evaporated copper phthalocyanine thin films 42014
Hassan, H.H. *see* El-Meshad, N.A. 22341
Hassan, I. *see* Gole, A.M. 38858
Hassan, L.Abu *see* Abu Hassan, L.
Hassan, M., Atiquzzaman, M. A delayed vacation model of an M/G/1 queue with setup time and its application to SVCC-based ATM networks 46586
Hassan, S.S., Rastgoufard, P. Detection of power system operation violations via fuzzy set theory 60205
Hassan, T. *see* Gupta, A.K. 9066
Hassan Al-Haji, Hilal, S. Reliability assessment of electric power distribution system by using the probabilistic approach 60378
Hassanain, N. *see* Ravach, G. 3068
Hassani, M. *see* Bahoura, M. 28335
Hassani, M. *see* Bahoura, M. 49600
Hassani, V. *see* Bliem, C. 29122
Hassanin, M., Alrifai, M.T., Torrey, D.A., Ahmed, F.L., Shaker El-Markabi, M.H. Flux density models for the switched reluctance machine 29275
Hasse, P., Ehrler, J. Choice and co-ordination of lighting-current and overvoltage divertors: power-co-ordinated divertor families fulfil high safety requirements 19400
Hasse, P., Wiesinger, J. Lightning strokes destroy electronic systems in a wide circle 50621
Hasse, R.W., Hofmann, I. Spectral analysis of transverse coherent oscillations of intense coasting beams 59140
Hasse, W. *see* Ahrens, C. 42642
Hasse, W. *see* Save, D. 42725
Hasse, W. *see* Schulz, S.E. 42727
Hasse, W. *see* Torres, J. 12805
Hassebrook, L.G. *see* Lhamon, M.E. 5201
Hassel, J.G.van *see* van Hassel, J.G.
Hasselbrack, W. *see* Henderson, A.J. 18942
Hasselmann, F.J.V. *see* Bergmann, J.R. 34240
Hasselmann, F.J.V. *see* Bergmann, J.R. 45405
Hasselmann, K. *see* Hasselmann, S. 8500
Hasselmann, S., Bruning, C., Hasselmann, K., Heimbach, P. An improved algorithm for the retrieval of ocean wave spectra from synthetic aperture radar image spectra 8500
Hassenzahl, W. *see* Scanlan, R.M. 13516
Hassenzahl, W. *see* Scanlan, R.M. 37053
Hassett, K.M. *see* Stottlemyer, A.R. 28561
Hassibi, A., Boyd, S. Integer parameter estimation in linear models with applications to GPS 48178
Hassig, H. *see* Duc, P. 1474
Hassine, S. *see* Toumia, S. 19884
Hassing, K. *see* Penzel, T. 28066
Hassler, B.A., Donders, J., Kolnaar, H. Implantable medical device with multi-layered ceramic enclosure 59740
Hassler, C. *see* Karg, D. 20041
Hassler, C. *see* Voight, A. 20040
Hassler, C. *see* Voigt, A. 39022
Hassler, D.M. *see* Kopp, G.A. 33143
Hassler, D.M. *see* Osterman, S.N. 36697
Hassler, S. *see* Kojovic, L. 50646
Hassler, S.P. *see* Kojovic, L.A. 19912
Hassler, V., Posch, R. A LAN voting protocol 4493
Hasson, R. *see* Matsuoka, T. 14967
Hasson, V., Wendt, R., Czyzak, S. Overview of the Field Ladar Demonstration Program developing a high-resolution imaging and remote sensing 6977
Hasson, V. *see* Kovacs, M. 8676
Hasson, V.H. *see* Ghoshroy, S. 7673
Hassun, R. Comparing analog and digital techniques for measuring noise power ratio 48398
Hastad, J. *see* Bellare, M. 24618
Hasteer, G., Banerjee, P. Simulated annealing based parallel state assignment of finite state machines 52970
Hastie, J.W. *see* Schenck, P.K. 10819
Hastings, D.E. *see* Enloe, C.L. 44912
Hastings, J.L. *see* Estreicher, S.K. 41842
Haston, A.L. *see* Morris, S.E. 21529
Hasuko, K. *see* Abe, K. 59233
Hasumi, H. *see* Furushima, Y. 14196
Hasumi, H. *see* Sakata, Y. 33537
Hasumi, H. *see* Sakata, Y. 44555
Hasumi, T. *see* Kubota, S. 36008
Hasunuma, E. *see* Sugahara, S. 10761
Hata, F. *see* Watanabe, K. 43842
Hata, H., Nagashima, Y., Nomura, K. Afterglow type triphosphor fluorescent lamp "HOTA-LOOK" 61324

Hata, H., Tomikawa, Y., Hirose, S., Takano, T. Ring-form two-dimensional (X-Y) moving piezoelectric actuator 2988
Hata, H. *see* Sone, T. 27663
Hata, H. *see* Takano, T. 13370
Hata, H. *see* Yashima, M. 8902
Hata, K., Nakayama, F., Saito, Y., Ohshita, A. Stabilization mechanism of liquid-lithium cones during field electron emission 31681
Hata, K., Ohya, J., Kishino, F., Nakatsu, R. Automatic extraction and tracking of contours 5107
Hata, K., Shigekawa, H., Okano, T., Ueda, T., Akiyama, M. Modeling step bunching formed on vicinal GaAs(001) annealed in AsH_3 and hydrogen ambient 54324
Hata, K. *see* Hara, K. 37400
Hata, K. *see* Miyake, K. 12176
Hata, M. *see* Sakuta, Y. 21783
Hata, M. *see* Sasaki, A. 26572
Hata, M. *see* Tsuda, M. 12172
Hata, N., Wells, W.M., III, Halle, M., Nakajima, S., Viola, P., Kikinis, R., Jolesz, F.A. Image guided microscopic surgery system using mutual-information based registration 18387
Hata, R. *see* Wakami, T. 55204
Hata, S., Miyashita, Y., Hanafusa, H. Human sensitivity of color defects inspection 46138
Hata, S., Saitoh, Y., Kumamura, S., Kaida, K. Shape extraction of transparent object using genetic algorithm 15568
Hata, T. *see* Furuya, K. 12835
Hata, T. *see* Weixiao Zhang 2931
Hata, Y. *see* Kamiura, N. 53127
Hata, Y. *see* Kobashi, S. 49432
Hata, Y. *see* Kobashi, S. 49480
Hata, Y. *see* Morinaga, N. 49481
Hatada, K. *see* Yamada, T. 43030
Hatada, K. *see* Yoshida, T. 11719
Hatada, K. *see* Yoshida, T. 16795
Hatada, N. *see* Nakasuji, A. 58045
Hatada, Y. *see* Sumiyoshi, K. 59048
Hatae, S. *see* Motto, E.R. 39267
Hatagishi, T. *see* Eguchi, K. 29627
Hatakenaka, T. *see* Ohsugi, T. 37385
Hatakenaka, T. *see* Ohsugi, T. 37392
Hatakenaka, T. *see* Unno, Y. 37395
Hatakeyama, H. *see* Chandratilleke, G.R. 43840
Hatakeyama, K.-I. *see* Togawa, H. 14642
Hatakeyama, M. *see* Ichiki, K. 2483
Hatakeyama, M. *see* Kato, S. 35043
Hatakeyama, S. *see* Ohno, H. 57800
Hatakeyama, T. *see* Fukuda, H. 51096
Hatakeyama, T. *see* Takano, H. 51244
Hatakeyama, Y. *see* Mase, K. 5969
Hatakeyama, Y. *see* Nagano, S. 57658
Hatakoshi, G. *see* Itaya, K. 3872
Hatalis, M.K. *see* Fleischer, D.L. 17690
Hatalis, M.K. *see* Kouvatsos, D.N. 12951
Hatalis, M.K. *see* Sarcona, G. 17693
Hatalis, M.K. *see* Stewart, M. 12950
Hatalis, M.K. *see* Su-Heng Lin 12948
Hatami-Hanza, H., Chu, P.L., Malomed, B.A., Peng, G.D. Soliton compression and splitting in double-core nonlinear optical fibers 24100
Hatami-Hanza, H., Mostofi, A., Chu, P.L. A multilevel soliton communication system 26786
Hatami-Hanza, H. *see* Mostofi, A. 43966
Hatamoto, C., Feher, K. Efficient filter design for the global standardized GSM wireless system 6656
Hatamoto, C., Huajing Fu, Feher, K. A simple measurement method to determine the burst acquisition time of digital systems 6455
Hatamura, Y. *see* Ichiki, K. 2483
Hatamura, Y. *see* Nakao, M. 43416
Hatanaka, K., Takahisa, K., Tamura, H., Sato, M., Miura, I. Performance of the RCNP polarized ion source 37195
Hatanaka, K. *see* Miyamoto, K. 43278
Hatanaka, M. *see* Sakamoto, O. 1361
Hatanaka, T. Properties of polymer liquid crystal and applications to optical devices 58946
Hatanaka, T. *see* Miyahara, H. 27863
Hatanaka, Y., Kunitake, C., Tsukamoto, J. Asymmetrical type zero current switching DC-DC converter with constant frequency voltage control 51339
Hatanaka, Y. *see* Jayatissa, A.H. 10734
Hatanaka, Y. *see* Jayatissa, A.H. 12208
Hatanaka, Y. *see* Kominami, H. 13818
Hatanaka, Y. *see* Nakanishi, Y. 55418
Hatanaka, Y. *see* Sano, K. 10887
Hatanaka, Y. *see* Sunamoto, M. 11180
Hatano, H., Maeda, M., Takagi, M., Takeda, H., Masamoto, K. Automatic tracking antenna for satellite broadcast reception on tour buses 16642
Hatano, H., Watanabe, T. Reciprocity calibration of acoustic emission transducers in Rayleigh-wave and longitudinal-wave sound fields 38140
Hatano, H. *see* Yasuda, K. 10767
Hatano, K., Yamada, T., Nakashiba, Y., Furumiya, M., Morimoto, M., Nakano, T., Kawakami, Y., Taniji, Y., Mutoh, N., Orihara, K., Teranishi, N., Hokari, Y. A two-phase CCD register with charge injected floating gate electrodes 48683
Hatano, K. *see* Fujikawa, Y. 19570
Hatano, K. *see* Taketani, N. 52230
Hatano, M. *see* Hasegawa, T. 9419
Hatano, M. *see* Hasegawa, T. 9454
Hatano, M. *see* Hasegawa, T. 38894
Hatano, M. *see* Shirakawa, S. 60354
Hatano, M. *see* Yoshida, Y. 9429
Hatano, T. *see* Isawa, Y. 42114
Hatano, Y. *see* Kasezawa, T. 48231
Hatashita, H. *see* Takahashi, J. 58551
Hatatani, S., Guo Liqi, Oh Jehwan, Grahn, H.T., Konagai, M. Heavily carbon-doped GaAs grown on various oriented GaAs substrates by MOMBE 40360
Hatauchi, K. *see* Tsutsumi, H. 12029
Hatayama, H. A study on generation of short optical pulses using optical fiber laser 55540
Hatayama, T., Fuyuki, T., Matsunami, H. Time-resolved reflection high-energy electron diffraction analysis in initial stage of 3C-SiC growth on Si(001) by gas source molecular beam epitaxy 744
Hatayama, T., Tanaka, N., Fuyuki, T., Matsunami, H. Initial stage for heteroepitaxy of 3C-SiC on the Si(001) surface in dimethylgermane source molecular beam epitaxy 40383
Hatayama, T., Tanaka, N., Fuyuki, T., Matsunami, H. Low-temperature interface modification by hydrocarbon radicals in heteroepitaxy of 3C-SiC on Si clean surface 52720
Hatayama, T. *see* Fuyuki, T. 10705
Hatayama, T. *see* Matsunami, H. 52708
Hatch, G.P., Williams, A.J., Mycock, G.J., Harris, I.R. Upset forging of an as-cast Pr-Fe-B-Cu alloy in air 3125
Hatch, J. *see* McFadden, J.D.O. 43956
Hatef, M. *see* Kittler, J. 4914
Hatfield, D.N. The technology basis for wireless communications 26616
Hatfield, J. *see* Collier, K. 20478
Hatfield, J.V., Hicks, P.J., Lomas, D.G., Comer, J. An integrated multichannel charged-particle sensing system 18132
Hatfield, J.V. *see* Deakin, S.J. 31420
Hatfield, J.V. *see* Grundy, D.L. 53470
Hatfield, L.L. *see* Agee, F.J. 54888
Hatfield, L.L. *see* Dickens, J.C. 54887
Hatfield, L.L. *see* Woolverton, K. 12089
Hatfield, M.O., Slocum, M.B. Frequency characterization of reverberation chambers 45181
Hatfield, M.O. *see* Freyer, G.J. 45188
Hatfield, M.O. *see* Freyer, G.J. 49912
Hatfield, M.O. *see* Freyer, G.J. 49913
Hathaway, G., Graneau, P. Possibility of liberating solar energy via water arc explosions 29656
Hathaway, R.B., Hovanesian, J.D., Hung, M.Y.Y. Residual stress evaluation using shearography with large-shear displacements 21400
Hathaway, T., Verma, V. Advanced low power system design techniques using the universal serial bus microcontroller 35774
Hathorn, K. *see* Assaderaghi, F. 2839
Hatley, R. *see* Brawn, I. 59325
Hato, K. *see* Shimada, T. 51513
Hatoh, K., Niikura, J., Yasumoto, E., Gamo, T. High lithium content of $Li_xNi_{1-x}O$ ($0<x<0.5$) for molten carbonate fuel cell cathode 61070
Haton, J.-P. *see* Haizhou Li 34642
Haton, J.-P. *see* Jian Su 15092
Haton, J.-P. *see* Mari, J.-F. 24837
Hatonen, K., Klemettinen, M., Mannila, H., Ronkainen, P., Toivonen, H. TASA: Telecommunication Alarm Sequence Analyzer or how to enjoy faults in your network 35631
Hatono, A. Evolution of the subspace method to ATM traffic analysis–cell loss approximation for actual ATM traffic 5777
Hatori, M., Shioya, K., Ohkawa, M., Sekine, S., Tsuchida, K., Mita, M. Operation of optical information retrieval system using spatial light modulator 32999
Hatori, M. *see* Aizawa, K. 7429
Hatori, M. *see* Aizawa, K. 27656
Hatori, M. *see* Aizawa, K. 58851
Hatori, M. *see* Hamamoto, T. 27660
Hatori, M. *see* Jirattitichareon, A. 47643
Hatori, M. *see* Sanghoon Song 56225
Hatori, N., Mukaihara, T., Abe, M., Ohnoki, N., Mizutani, A., Matsutani, A., Koyama, F., Iga, K. Characterization of residual stress in active region due to AlAs native oxide of vertical-cavity surface-emitting lasers 33471
Hatori, N., Mukaihara, T., Ohnoki, N., Mizutani, A., Koyama, F., Iga, K. N-type modulation-doped strained InGaAs/AlGaAs quantum well lasers grown by metal organic chemical vapor deposition 23934
Hatori, N. *see* Mukaihara, T. 14169
Hatori, N. *see* Ohnoki, N. 32199
Hatori, Y. *see* Koike, A. 5257
Hatsuda, T., Okuno, M., Nagase, H., Kojyo, K., Kojima, K., Mitsuhashi, R., Aoki, Y., Takahata, F., Echigo, H. Long distance site diversity characteristics measurement results via JCSAT by using one Earth station measuring method 34089
Hatsugai, N., Aoki, M. Molded switch for power distribution 38901
Hatsugai, N., Nakaarai, T. Molded products for power distribution equipment 38673
Hatsuzawa, T., Hayakawa, M., Maruyama, K. Inspection of TAB lead defects by a spatial filtering 39903
Hatta, A. *see* Higa, A. 40512
Hatta, A. *see* Hyeongmin Jeon 30884
Hatta, A. *see* Itoh, T. 40610
Hatta, A. *see* Kita, T. 31766
Hatta, A. *see* Nan Jiang 42365
Hatta, A. *see* Nishiwaki, H. 30761
Hatta, A. *see* Won, J. 30885
Hatta, E., Tonokawa, M., Nagao, J., Mukasa, K. Electron tunneling experiments on spin glass $Ni_{1-x}Mn_x$ films 54311
Hatta, E. *see* Nagao, J. 32075
Hatta, T. *see* Ito, K. 25287
Hatta, T. *see* Taki, K. 27433
Hattanda, M. *see* Kurashige, M. 13231
Hattangady, S.V., Kraft, R., Grider, D.T., Douglas, M.A., Brown, G.A., Tiner, P.A., Kuehne, J.W., Nicollian, P.E., Pas, M.F. Ultrathin nitrogen-profile engineered gate dielectric films 42554
Hattangady, S.V., Niimi, H., Lucovsky, G. Integrated processing of silicon oxynitride films by combined plasma and rapid-thermal processing 12614
Hattangady, S.V. *see* Lucovsky, G. 881
Hattas, D. *see* Wakigawa, A. 41625
Hattel, T. *see* Hansen, R.B. 51004
Hatten, D.L. *see* Anderson, C.W. 20687
Hattendorf, M. *see* Fang, W. 33499
Hattori, H. *see* Hirayama, H. 24833
Hattori, J. *see* Ishikawa, Y. 16565
Hattori, K., Magoshi, S., Ando, A., Satoh, S., Sunaoshi, H., Suenaga, M., Housai, H., Hashimoto, S., Wada, H., Sugihara, K. Patterning accuracy estimation during stage acceleration in the electron beam direct writing system EX-8D 22723
Hattori, K., Sato, Y. Accurate rangefinder with laser pattern shifting 7226
Hattori, K. *see* Abe, M. 33094
Hattori, K. *see* Ando, T. 32264
Hattori, K. *see* Ohka, M. 27472
Hattori, K. *see* Takamatsu, J. 32262
Hattori, M. The implementation of a vehicle identification function for a longitudinal ranging system 27919
Hattori, M., Hagiwara, M. Episodic associative memories 1411
Hattori, M. *see* Kamiyama, K. 61125
Hattori, M. *see* Maeda, Y. 14641
Hattori, M. *see* Teruya, M. 36890
Hattori, M. *see* Wang Zhonglei 38849
Hattori, N. *see* Aruga, R. 41251
Hattori, R., Aoki, Y., Sugano, T., Shirafuji, J., Fujiki, T. Epitaxial growth of poly(dimethylsilane) evaporated films on poly(tetrafluoroethylene) layer 40411
Hattori, R., Sugano, T., Shirafuji, J., Fujiki, T. Room temperature ultraviolet electroluminescence from evaporated poly(dimethylsilane) film 13807
Hattori, R. *see* Miura, T. 32376
Hattori, S. *see* Abe, N. 47330
Hattori, S. *see* Shao, C. 42431
Hattori, S. *see* Tani, T. 37839
Hattori, T., Aiba, T., Iijima, E., Okube, Y., Nohira, H., Tate, N., Katayama, M. Initial stage of oxidation of hydrogen-terminated silicon surfaces 2377
Hattori, T., Sasa, K., Okamura, M., Ito, T., Tomizawa, H., Katayose, T., Hayashizaki, N., Yoshida, T., Isokawa, K., Aoki, M., Fujita, N., Okada, M. Conceptual design of compact heavy-ion inertial fusion driver with an r.f. LINAC with high acceleration rate 59111
Hattori, T., Tsurumachi, N., Nakatsuka, H. Analysis of optical nonlinearity by defect states in one-dimensional photonic crystals 44673
Hattori, T. *see* Idogaki, T. 19931
Hattori, T. *see* Kaneko, T. 23631
Hattori, T. *see* Kato, A. 32126
Hattori, T. *see* Kinosada, Y. 7949
Hattori, T. *see* Nohira, H. 2380
Hattori, T. *see* Ohashi, M. 54300
Hattori, T. *see* Saga, K. 2399
Hattori, T. *see* Sasa, K. 59165
Hattori, T. *see* Shibata, T. 43365
Hattori, T. *see* Takeuchi, Y. 22542
Hattori, T. *see* Tanaka, T. 35814
Hattori, T. *see* Tokuda, Y. 12682
Hattori, T. *see* Yamamoto, J. 32317
Hattori, T. *see* Yamasaki, T. 57396
Hattori, W. *see* Murakami, H. 12310
Hattori, Y., Hayashi, H., Kato, T., Tadano, H., Nagase, H. A study of DC operating point shift in bipolar transistor with large RF signals 12904
Hattori, Y. *see* Hamakawa, A. 14194
Hattori, Y. *see* Iwashima, T. 43937
Hatwar, T.K. *see* Yuan-Sheng Tyan 43900
Hatwell, G. *see* Bijele, M. 6008
Hatzakis, M. *see* Gogolides, E. 2487
Hatzakis, M. *see* Patsis, G. 42832
Hatzakis, M. *see* Tegou, E. 42828
Hatziargyriou, N. *see* Nogaret, E. 19648
Hatziargyriou, N.D. *see* Fountas, N.A. 19083
Hatziargyriou, N.D. *see* Fountas, N.A. 50466
Hatziargyriou, N.D. *see* Fountas, N.A. 60305
Hatziargyriou, N.D. *see* Georgantzis, G.J. 8895
Hatziargyriou, N.D. *see* Mano, L. 19076
Hatziaslanis, A.C. *see* Dimitrakopoulos, G.A. 26493
Hatzifotiadou, D. *see* Cerron Zeballos, E. 37278
Hatzinakos, D. *see* Ilow, J. 25104
Hatzinakos, D. *see* Kundur, D. 5029
Hatzinakos, D. *see* Kundur, D. 25423
Hatzold, P. Digital modulation and mobile radio (III) 4431
Hatzopoulos, A.A. *see* Cheng-Ping Wang 1626

Hatzopoulos, N., Siapkas, D.I., Hemment, P.L.F. Optical investigation of structures formed by 2 MeV oxygen implantation into silicon 31789
Hatzopoulos, N. *see* Yankov, R.A. 32116
Hatzopoulos, Z. *see* Aperathitis, E. 51578
Hau, C.S. *see* Baldwin, D.F. 1848
Hau, Y.K.G., Postoyalko, V., Richardson, J.R. Compensation of amplifier nonlinear phase response to improve wideband distortion cancellation of feedforward amplifiers 41439
Hau Ka Pun *see* Ka Pun Hau
Hau-Jean Hsu *see* Ying-Yu Tzou 51101
Haubensack, D., Malvache, P., Valleix, P. Interactive plant management with real time conformity checking: the ImagIn Project 60487
Haubenstricker, R. *see* Mondal, J. 41492
Hauber, C., Distler, K., Hnyk, R. Streamlined design–SMAC project shows European car companies the benefits of multimedia collaborative working 16390
Hauber, C.M. TEAM: telecollaboration applied. The new working paradigm of concurrent virtual enterprises in the automotive industry 57978
Hauber, T. *see* Erning, J.W. 20005
Hauchecorne, A. *see* Belloul, M.B. 56047
Hauck, T., Muller, W.H., Albrecht, H.-J., Gamalski, J. Concepts toward lifetime analysis of BGA structures 20892
Hauden, D. *see* Ballandras, S. 32576
Hauden, J. *see* Gutierrez-Martinez, C. 36080
Haueisen, J. *see* Nowak, H. 49514
Hauenschild, J., Dorschky, C., von Mohrenfels, T.W., Seitz, R. A plastic packaged 10 Gb/s BiCMOS clock and data recovering 1:4-demultiplexer with external VCO 16486
Hauenstein, R.J. *see* Bandic, Z.Z. 52618
Hauenstein, R.J. *see* Goldman, R.S. 12430
Hauer, H. *see* Desel, T. 59590
Hauert, R. *see* Buhler, J. 54854
Hauesberger, P. *see* Bartak, J. 9056
Haug, R. *see* Blick, R.H. 2195
Haug, R.J., Dilger, M., Schmidt, T., Blick, R.H., v. Klitzing, K., Eberl, K. Single-electron transistors with quantum dots 13040
Haug, R.J., Weis, J., Blick, R.H., Von Klitzing, K., Eberl, K., Ploog, K. Transport spectroscopy in single-electron tunneling transistors 54713
Haug, R.J. *see* Dilger, M. 2733
Haug, R.J. *see* Dilger, M. 40436
Haug, R.J. *see* Schmidt, T. 43158
Haugan, M. *see* Maleki, L. 48309
Haugen, G.M. *see* Chao, L.-L. 33559
Haugen, G.M. *see* Grillo, D.C. 3907
Haugen, H., Ask, B. Telecom and open learning – a challenge to institutional cooperation 46887
Haugeneder, A. *see* Eisenhammer, T. 10861
Hauger, C., Baigar, E., Zinth, W. Induced backscattering due to reflecting surfaces in highly scattering media 16973
Haugh, D. An update on the UK electric gun research programme 24389
Haugh, D., Kirkpatrick, D., Riedy, P., Wolf, T., Le Vine, F., Hewitt, J. Large calibre armature firings at Green Farm electric gun test facility 24398
Haugh, D. *see* Kirkpatrick, D. 24405
Haugh, E.J. *see* Erickson, D.S. 20022
Haughey, D. *see* Earnshaw, J.C. 390
Haugsjaa, P. *see* Ng, W. 58358
Haugsjaa, P.O. Novel alignment techniques for packaging and integration of optoelectronic components 33320
Haukas, H., Aven, T. A general formula for the downtime distribution of a parallel system 20998
Hauke, W. *see* Sommerstange, M. 50868
Haukka, S., Lindblad, M., Suntola, T. Growth mechanisms of mixed oxides on alumina 52692
Haumer, A., Lindner, E.H. An approach for the optimal design of three-phase asynchronous motors 9249
Haun, M.J. *see* Cornejo, I.A. 13227
Haun, M.J. *see* Cornejo, I.A. 52845
Haung, Y.R., Yuang, M.C. A high-performance input access scheme for ATM multicast switching 5744
Haung, Y.R., Yuang, M.C. A high-performance input access scheme for ATM multicast switching 46580
Haung Haw-Ming *see* Haw-Ming Haung
Haunschild, M. *see* Gieser, H. 22941
Haupt, C.D. *see* Steiner, P.R. 59505
Haupt, F. The dc/dc convertor: a perfectly ordinary IC? The Burr-Brown DCP01 31101
Haupt, G.T. *see* Kasdin, N.J. 41285
Haupt, R.L. *see* Rasmussen, J.L. 26993
Haupt, S.G. *see* Kumar, S. 43781
Hauptfleisch, E. *see* Scott, P.M. 52195
Hauptmann, A. *see* Biesenack, H. 61270
Hauptmann, M.A., Grattan, K.T.V., Palmer, A.W., Fritsch, H., Lucklum, R., Hauptmann, P.R. Silicon resonator sensor systems using self-mixing interferometry 27595
Hauptmann, P. *see* Hartmann, J. 17341
Hauptmann, P. *see* Hartmann, J. 27734
Hauptmann, P. *see* Lucklum, R. 28669
Hauptmann, P. *see* Puttmer, A. 38126
Hauptmann, P.R. *see* Hauptmann, M.A. 27595
Haurie, X., Roberts, G.W. A design, simulation and synthesis tool for delta-sigma-modulator-based signal sources 11064
Haus, A.G. *see* Bogucki, T.M. 49505
Haus, B.K., Graber, H.C., Shay, L.K. Observations of a coastal buoyant jet with HF Doppler radar 50152
Haus, B.K., Lhermitte, R. Coherent sonar measurements of water motion and turbulence in a tidal inlet 38086
Haus, H.A., Ippen, E.P. Short-pulse fiber lasers 33410
Haus, H.A., Wong, W.S., Khatri, F.I. Continuum generation by perturbation of soliton 44671
Haus, H.A. *see* Boivin, L. 58382
Haus, H.A. *see* Chen, J.C. 3558
Haus, H.A. *see* Chen, J.C. 44180
Haus, H.A. *see* Jones, D.J. 14323
Haus, H.A. *see* Maniki, S. 33415
Haus, H.A. *see* Namiki, S. 23773
Haus, H.A. *see* Namiki, S. 23818
Haus, H.A. *see* Namiki, S. 55526
Haus, H.A. *see* Yu, C.X. 33409
Haus, H.A. *see* Yu, C.X. 55530
Haus, J.W. *see* Theimer, J. 23787
Haus, R. Converting rotary motion to linear motion 38929
Hauschild, W. *see* Garnacho, F. 50672
Hause, V. *see* Tien-Yu Tom Lee 281
Hausen, M. *see* Recio, M. 58623
Hauser, A.O. Calculation of superconducting magnetic bearings using a commercial FE-program (ANSYS) 51627
Hauser, C. *see* Eggenberger, C. 46958
Hauser, D., Caudal, G. Combined analysis of the radar cross-section modulation due to the long ocean waves around 14° and 34° incidence: implication for the hydrodynamic modulation 38082
Hauser, D. *see* Soussi, E. 50129
Hauser, H. *see* Gaugitsch, M. 3492
Hauser, H. *see* Randolf, G. 39257
Hauser, J. *see* Bonushkin, Y. 31719
Hauser, J.R. Extraction of experimental mobility data for MOS devices 2634
Hauser, J.R. *see* Bayoumi, A.M. 21347
Hauser, J.R. *see* Lucovsky, G. 881
Hauser, J.W., Purdy, C.N. Estimation of lateral acceleration by polynomial approximation 9712
Hauser, M., Smoliner, J., Eder, C., Ploner, G., Strasser, G., Gornik, E. Single quantum dots as scanning tunneling microscope tips 32326
Hauser, P. *see* Muehlbauer, M. 17970
Hauser, R., Tsudik, G. On shopping incognito 46720
Hauser, R. *see* Westermann, B. 25253
Hauserman, W.B. *see* Timpe, R.C. 60472
Hausler, G. *see* Breitmeier, U. 54829
Hausler, M., Grunbaum, R. Transportable reactive power compensators 8798
Hausler, M., Jonsson, B., Krause, J. HVDC transmission link between Denmark and Germany 38326
Hausler, M., Schlayer, G., Fitterer, G. Rebuilding of three-phase overhead lines as HVDC overhead lines 8917
Hausler, M. *see* Alm, S. 28865
Hausler, M. *see* Gampenrieder, R. 38323
Hausler, T. Desktop videoconferencing: an analysis of application 35786
Hausman, S. *see* Wiecek, B. 5482
Hausmann, S. *see* Teichert, J. 48549
Hausmanowa-Petrusewicz, I. *see* Zalewska, E. 59716
Hauss, B. *see* Shoucri, M. 18643
Hauss, B.I., Agravante, H.H., Eberhard, C.D., Luebkemann, K.M., Samec, T.K., Wagner, T.M., Rihaczek, A.W., Hershkowitz, S.J., Mitchell, R.L., Perahia, E., Arnush, D., Lakshmanan, S. Airborne target identification from low crossrange resolution ISAR imagery 28707
Haussalo, P. *see* Riihelae, D. 30807
Hausselt, J. *see* Ritzhaupt-Kleissl, H.-J. 52840
Haussler, D., Opper, M. General bounds on the mutual information between a parameter and n conditionally independent observations 45488
Haussler, P. *see* Teichert, St. 895
Haussuehl, S. *see* Woike, T. 4099
Haustein, V. *see* Krawczynski, H. 37287
Hauta-Kasari, M., Parkkinen, J., Jaaskelainen, T., Lenz, R. Generalized co-occurrence matrix for multispectral texture analysis 5568
Hautanen, J. *see* Laitinen, A. 24379
Haute, S.Van *see* Van Haute, S.
Hautecoeur, O. *see* Bicheron, P. 18765
Hauter, A., Chang, K.C., Karp, S. SAR classification and polarimetric fusion 6896
Hauter, A., Kuo Chu Chang, Karp, S. Polarimetric fusion for synthetic aperture radar target classification 57200
Hautier, J.-P. *see* Caron, J.-P. 53410
Hautier, J.-P. *see* Morin, F. 51330
Hautier, J.P. *see* Francois, B. 60897
Hautle, A. *see* Bossert, M. 4438
Hautle, P. *see* Van den Brandt, B. 37163
Hauviller, C. *see* Benvenuti, C. 49021
Hava, S. *see* Anslender, M. 4272
Havaldar, P., Medioni, G., Stein, F. Perceptual grouping for generic recognition 5495
Havancsak, K. *see* Rozlosnik, N. 59297
Havard, V. *see* Bathelon, L. 36147
Havard, V. *see* Clesca, B. 16828
Havasy, C. *see* Anholt, R. 42944
Havasy, C.K. *see* DeSalvo, G.C. 12761
Havemann, R.H. *see* Dixit, G.A. 2442
Havemann, R.H. *see* Dixit, G.A. 42665
Havemann, R.H. *see* Lu, J.P. 42617
Havenaar, P. *see* Mulder, J. 9117
Haverkamp, D. *see* Leen-Kiat Soh 8487
Haverkamp, J., Jung, M., Osswald, W., Wulff, U. Concept of presentation and operation of the new network control point of the Wuppertaler Stadtwerke AG 8787
Haverkort, B.R., Idzenga, H.P., Kim, B.G. Performance evaluation of threshold-based ATM cell scheduling policies under Markov-modulated Poisson traffic using stochastic Petri nets 5728
Haverkort, B.R. *see* Coyle, A.J. 6206
Haverkort, B.R.H.M. *see* Franken, L.J.N. 5950
Havet, C. *see* Nemouchi, Y. 5549
Haviv, M., Tiet Hue Chung, P. An iterative procedure for multichain closed networks of queues 39989
Havlicek, J.P., Harding, D.S., Bovik, A.C. Discrete quasi-eigenfunction approximation for AM-FM image analysis 56949
Havlicek, J.P. *see* Bovik, A.C. 45519
Havlin, S. *see* Ivanov, P.Ch. 18414
Havrilak, G.T. The future of telemetry as a cooperative measure in arms control 8715
Havstad, M.A. *see* Warner, B.E. 172
Haw-Jye Shyu *see* Lee, Y.P. 48138
Haw-Jyh Liaw, Merkelo, H. Signal integrity issues at split ground and power planes 1762
Haw-Ming Haung *see* Co, R.S. 57844
Haw-Yen Chiu *see* Fong-Chin Su 7900
Hawarden, T. *see* Cesarsky, C.J. 36548
Hawat, T., Torguet, R., Camy-Peyret, C., Jeseck, P., Payan, S. The pointing and the Sun-tracker system for the LPMA gondola 38067
Hawela, F. *see* El-Khattib, H.M. 8542
Hawes, D. *see* Scalat, S. 9570
Hawick, K.A., James, H.A., Maciunas, K.J., Vaughan, F.A., Wendelborn, A.L., Buchhorn, M., Rezny, M., Taylor, S.R., Wilson, M.D. Geostationary-satellite imagery applications on distributed, high-performance computing 58249
Hawke, R.S. *see* Wolfe, T.R. 24412
Hawker, I. *see* Lowe, E. 58335
Hawker, I. *see* Veitch, P. 25844
Hawker, I. *see* Veitch, P.A. 5886
Hawker, I. *see* Veitch, P.A. 25980
Hawkes, D.J. *see* Hill, D.L.G. 18400
Hawkes, D.J. *see* Studholme, C. 18401
Hawkes, D.J. *see* Studholme, C. 28255
Hawkes, J. *see* Barrow, D.A. 28694
Hawkes, M., Nehorai, A. Hull-mounted acoustic vector-sensor processing 16978
Hawkes, M., Nehorai, A. Bearing estimation with acoustic vector-sensor arrays 18910
Hawkes, M., Nehorai, A. Surface-mounted acoustic vector-sensor array processing 27104
Hawkes, P., O'Connor, L. On applying linear cryptanalysis to IDEA 14794
Hawkins, A.R., Reynolds, T., England, D., Babic, D.I., Streubel, K., Bowers, J.E. 81 GHz gain-bandwidth product silicon hetero-interface photodetector 7366
Hawkins, A.R., Weishu Wu, Abraham, P., Streubel, K., Bowers, J.E. High gain-bandwidth-product silicon heterointerface photodetector 27570
Hawkins, A.R. *see* Weishu Wu 13850
Hawkins, C.F. *see* Segura, J. 2640
Hawkins, C.F. *see* Soden, J.M. 13118
Hawkins, D. *see* LaBel, K.A. 49857
Hawkins, D.C. Variations in the frequency sensitivity of waveguide horns 45421
Hawkins, D.K. *see* LaBel, K.A. 43327
Hawkins, D.W. *see* Gough, P.T. 48130
Hawkins, G. *see* Mulgaonker, S. 195
Hawkins, G.D.H. *see* Frost, R. 8607
Hawkins, J. On-line system increases motor gear maker's inspection rate eightfold 17547
Hawkins, J. *see* Robbins, T. 51309
Hawkins, J.M., Hand, R.G. AC impedance spectra of field-aged VRLA batteries 51486
Hawkins, J.M., Robbins, T. New concepts of reliability in powering the customer access network 50340
Hawkins, J.M. *see* Jaworski, R.K. 51464
Hawkins, R.K. *see* Livingstone, C.E. 8533
Hawkins, R.K. *see* Srivastava, S.K. 16893
Hawkins, S.A. *see* Newton, M.A. 59105
Hawks, D. *see* Goetz, M.P. 20943
Hawks, V. Rediscovering learning: a survey of factors that affect student learning in engineering education 20507
Hawks, V.D. *see* Terry, R.E. 20661
Hawksford, M.O. Digital signal processing tools for loudspeaker evaluation and discrete-time crossover design 48267
Hawley, D., Mayo, J. Issues in color filter manufacturing 17670
Hawley, G.T. Systems considerations for the use of xDSL technology for data access 47434
Hawley, J.G. *see* Carter, S.J. 29120
Hawley, J.G. *see* Targ, R. 27088
Hawley, M. *see* Kelkar, N. 52174
Hawley, M.C. *see* McDowell, J.K. 52143
Hawley, M.E. *see* Kistenmacher, T.J. 10893
Hawley, R. Leadership challenges in an engineering environment 9942
Hawnaur, J.M., Dobson, M.J., Xiao-Ping Zhu, Watson, Y. Skin: MR imaging findings at middle field strength 59478

Haworth, L.I., Ross, A., Gundlach, A., Robertson, J.M. Semiconductor teaching chips–a tool for microelectronics technology education 9904
Haworth, M. *see* Agee, F.J. 53979
Haworth, M. *see* Englert, T.J. 58964
Haworth, M. *see* Hendricks, K. 11231
Haworth, M.D., Calico, S.E., Clark, M.C., Coleman, P.D., Hendricks, K.J., McGrath, D.T., Sedillo, R., Spencer, T.A. L-band slot antenna design for gigawatt-level single-pulse microwave sources 12111
Hawrylak, P., Wojs, A. Electronic structure and optical properties of self-assembled quantum dots 2046
Hawrylak, P., Wojs, A., Brum, J.A. Magnetoexcitons and correlated electrons in quantum dots in a magnetic field 2180
Hawrylak, P. *see* Kioseoglou, G. 41959
Hawryliw, A. Pattern generation for the next millennium 42894
Hawrysh, E.M., Roberts, G.W. An integration of memory-based analog signal generation into current DFT architectures 41349
Hawryszkiewycz, I. *see* Ray, P. 5956
Hawsey, R., Peterson, D. Coated conductors: the next generation of high-T_c wires 3276
Hawthorne, R.C. *see* Li, L. 42476
Haxton, R. *see* Bullock, M.E. 18949
Haxton, R. *see* Patterson, T.J. 18791
Hay, A.S., Wilson, D.J., Tyberg, J.V., Faulkner, M.G. Stroke normalized pressure: a useful parameter for the analysis of left ventricular outflow obstruction 7871
Hay, K., Mainard, L., Saoudi, S. A low delay subband audio coder (20 Hz-15 kHz) at 64 kbit/s 34634
Hay, K.E. *see* Bonk, C.L. 82
Hay, S.G., Poulton, G.T. On the existence of non-superdirective aperture antennas with directivity patterns within desired bounds 14735
Hayabawa, N. *see* Okubo, H. 38926
Hayafuji, N., Yamamoto, Y., Ishida, T., Sato, K. Degradation mechanism of the AlInAs/GaInAs high electron mobility transistor due to fluorine incorporation 22873
Hayafune, K. *see* Mimuro, T. 29866
Hayakawa, H. *see* Kawashima, M. 29883
Hayakawa, H. *see* Osaka, M. 59654
Hayakawa, K. *see* Mimura, M. 36816
Hayakawa, K. *see* Tatsumi, T. 13103
Hayakawa, K. *see* Yamasaki, H. 20057
Hayakawa, M. *see* Hatsuzawa, T. 39903
Hayakawa, M. *see* Hirari, M. 4762
Hayakawa, M. *see* Katagiri, S. 58521
Hayakawa, M. *see* Omid, M. 45355
Hayakawa, N., Ishida, Y., Nishiguchi, H., Hikita, M., Okubo, H. Mechanism of impulse creepage discharge propagation on charged dielectric surface in SF_6 gas 13265
Hayakawa, N., Sakakibara, H., Goshima, H., Hikita, M., Okubo, H. Mutual contribution of area and volume effects on breakdown strength in liquid nitrogen 23143
Hayakawa, N., Sakakibara, H., Goshima, H., Hikita, M., Okubo, H. Breakdown mechanism of liquid nitrogen viewed from area and volume effects 54885
Hayakawa, N., Wakita, M., Hikita, M., Okubo, H. Weibull statistical analysis of quench current of a.c. superconducting wires and coils 43857
Hayakawa, N. *see* Hikita, M. 13304
Hayakawa, N. *see* Hikita, M. 19665
Hayakawa, N. *see* Hoshino, T. 9426
Hayakawa, N. *see* Kato, K. 51386
Hayakawa, N. *see* Okubo, H. 19889
Hayakawa, N. *see* Okubo, H. 23212
Hayakawa, N. *see* Okubo, H. 23213
Hayakawa, N. *see* Okubo, H. 23251
Hayakawa, N. *see* Okubo, H. 23254
Hayakawa, N. *see* Okubo, H. 43469
Hayakawa, N. *see* Okubo, H. 54884
Hayakawa, N. *see* Okubo, H. 54962
Hayakawa, S. *see* Goto, M. 24868
Hayakawa, S. *see* Miyoshi, S. 55154
Hayakawa, Y., Ando, A., Ono, T., Sato, M., Kato, M. Multimedia information providing system "MediaStage" 16394
Hayakawa, Y., Iida, S., Sakurai, T., Yanagida, H., Kikuzawa, M., Koyama, T., Kumagawa, M. Epitaxial lateral overgrowth of InGaAs on patterned GaAs substrates by liquid phase epitaxy 30782
Hayakawa, Y. *see* Fujimoto, C. 36749
Hayakawa, Y. *see* Kasai, H. 51512
Hayakawa, Y. *see* Ozawa, T. 10608
Hayakawa, Y. *see* Takamiya, T. 23329
Hayama, K. *see* Ohyama, H. 22761
Hayama, K. *see* Ohyama, H. 23685
Hayama, K. *see* Ohyama, H. 42920
Hayama, N., Kim, C.-W., Takahashi, H., Goto, N., Honjo, K. High-efficiency, high-linearity power AlGaAs/GaAs HBTs for digital cellular phones 58143
Hayama, N. *see* Chang-Woo Kim 41445
Hayami, H., Mukaigaito, T., Morita, M., Yamashita, T., Asano, I. Inter-workflow management and support 35766
Hayami, K. *see* Sogawa, T. 9707
Hayami, Y., Yamamoto, M. Pose and ego-motion from two perspective views from a moving camera 46445
Hayano, H. ATF linac commissioning 49126
Hayano, H. *see* Kashiwagi, S. 49209
Hayano, H. *see* Naito, T. 49200
Hayano, K. *see* Hasegawa, N. 32340
Hayano, S. *see* Doi, T. 44890
Hayano, S. *see* Doi, T. 44893
Hayano, S. *see* Doi, T. 55968
Hayano, S. *see* Midorikawa, Y. 1558
Hayano, S. *see* Midorikawa, Y. 1745
Hayano, S. *see* Midorikawa, Y. 31554
Hayano, S. *see* Midorikawa, Y. 56448
Hayasaka, N., Toyooka, S. Spectral image classifier based on averaged learning subspace method 5028
Hayasaka, N. *see* Toyooka, S. 58830
Hayashi, A. *see* Li, S. 5067
Hayashi, F., Ohkubo, H., Takahashi, T., Horiba, S., Noda, K., Uchida, T., Shimizu, T., Sugawara, N., Kumashiro, S. A highly stable SRAM memory cell with top-gated P-N drain poly-Si TFTs for 1.5 V operation 41163
Hayashi, F. *see* Horiba, S. 1359
Hayashi, F. *see* Ohno, H. 57800
Hayashi, H. Smaller printed circuit boards make ways to a promising future 11928
Hayashi, H., Muraguchi, M., Umeda, Y., Enoki, T. A high-Q broad-band active inductor and its application to a low-loss analog phase shifter 21960
Hayashi, H. *see* Fujimoto, K. 21641
Hayashi, H. *see* Hattori, Y. 12904
Hayashi, H. *see* Kai, K. 12958
Hayashi, H. *see* Watanabe, T. 51770
Hayashi, I. *see* Iwatsuki, N. 29346
Hayashi, J. *see* Yokoi, T. 38674
Hayashi, K., Adachi, A., Yamana, Y. A simulation technique for the refrigerating cycle of canned drink vending machines 9739
Hayashi, K., Kawato, S., Fujii, Y., Horiuchi, T., Matsushige, K. Effect of applied electric field on the molecular orientation of epitaxially grown organic films 40382
Hayashi, K., Tsubakihara, H., Kubo, U. Doping effect on the electric current and molecular structure of a vinylidenefluoride-trifluoroethylene copolymer 54917
Hayashi, K., Yamamoto, O., Nishigaki, Y., Minoura, H. Sputtered Ni-yttria stabilized zirconia composite film electrodes for SOFC 61074
Hayashi, K., Yamanaka, S., Watanabe, H., Sekiguchi, T., Okushi, H., Kajimura, K. Investigation of the effect of hydrogen on electrical and optical properties in chemical vapor deposited homoepitaxial diamond films 41835
Hayashi, K. *see* Furuyabu, H. 61290
Hayashi, K. *see* Gotoh, S. 49822
Hayashi, K. *see* Hirata, Y. 22179
Hayashi, K. *see* Iijima, T. 37238
Hayashi, K. *see* Ito, K. 25287
Hayashi, K. *see* Kato, T. 55151
Hayashi, K. *see* Matsuda, T. 18282
Hayashi, K. *see* Mori, K. 57850
Hayashi, K. *see* Negoro, Y. 43725
Hayashi, K. *see* Ohnakado, T. 41159
Hayashi, K. *see* Onda, M. 58233
Hayashi, K. *see* Orita, K. 3627
Hayashi, K. *see* Sahu, S.K. 37360
Hayashi, K. *see* Sakamoto, O. 1361
Hayashi, K. *see* Sugawara, N. 48840
Hayashi, K. *see* Tobishima, S. 61043
Hayashi, K. *see* Tominaga, T. 33279
Hayashi, K. *see* Xiaoqun Zhou 27952
Hayashi, K. *see* Yamaguchi, T. 38821
Hayashi, M., Fukuda, K., Abe, T. Evaluation of post-disaster restoration policies for telecommunication services 35555
Hayashi, M., Fukui, K., Ito, Y., Yagi, N. Image compositing system capable of long-range camera movement 17055
Hayashi, M., Maekawa, Y., Yoshida, S. Electrical testing technology for high density printed wiring boards 31604
Hayashi, M. *see* Takenaka, M. 32232
Hayashi, M. *see* Takeuchi, T. 26911
Hayashi, N. *see* Furuhashi, H. 41695
Hayashi, N. *see* Gotoh, S. 49822
Hayashi, N. *see* Katsumata, H. 42030
Hayashi, N. *see* Kobayashi, N. 42392
Hayashi, N. *see* Komada, M. 22640
Hayashi, N. *see* Ohkubo, M. 7850
Hayashi, N. *see* Sato, H. 59166
Hayashi, N. *see* Tarao, H. 8183
Hayashi, N. *see* Watanabe, S. 24357
Hayashi, N. *see* Watanabe, S. 40666
Hayashi, O. *see* Fujii, H. 26938
Hayashi, R. *see* Ohtomo, N. 7872
Hayashi, R. *see* Sheinberg, M. 49469
Hayashi, S., Manabe, Y., Tanahashi, I., Tohda, T. Fabrication and optical properties of ZnSe/ZnMgSSe multiple quantum wells grown by compound-source molecular beam epitaxy 30749
Hayashi, S., Suguimoto, M., Toida, T. On a low bit-rate backward prediction coder with low delay 45708
Hayashi, S. *see* Fukumoto, Y. 13483
Hayashi, S. *see* Hase, T. 13519
Hayashi, S. *see* Hase, T. 55134
Hayashi, S. *see* Kanzawa, Y. 30939
Hayashi, S. *see* Kataoka, A. 14868
Hayashi, S. *see* Kozuka, T. 48095
Hayashi, S. *see* Ohmuro, H. 15057
Hayashi, S. *see* Solayappan, N. 52826
Hayashi, S. *see* Sotooka, K. 48184
Hayashi, S. *see* Sunamoto, M. 11180
Hayashi, T. Variable-speed driving system for a calender line, delivered to the Ashikaga Plant, Achilles Corporation 29916
Hayashi, T., Hachiro, T., Makino, Y. AC speed control equipment, the THYFREC-VT110S 29669
Hayashi, T., Takabara, A., Fukami, K. Co-evaluation of FPGA architectures and the CAD system for telecommunication 47234
Hayashi, T., Takahashi, H., Hara, T. Chemical processing and dielectric properties of ferroelectric $SrBi_2Ta_2O_9$ thin films 2914
Hayashi, T. *see* Arakawa, T. 53285
Hayashi, T. *see* Byeungsoo Cheun 36708
Hayashi, T. *see* Doke, T. 28019
Hayashi, T. *see* Kai Zhang 41118
Hayashi, T. *see* Nakagawa, H. 58820
Hayashi, T. *see* Nakahigashi, T. 30930
Hayashi, T. *see* Sakai, H. 45822
Hayashi, T. *see* Shinogi, T. 21640
Hayashi, T. *see* Suzuki, H. 816
Hayashi, T. *see* Tamai, T. 22000
Hayashi, T. *see* Tomiye, H. 22449
Hayashi, T. *see* Tsunetsugu, H. 12008
Hayashi, T. *see* Tsunetsugu, H. 42635
Hayashi, Y., Kim, H., Nara, K. Adaptive chaotic pattern creation method for producing various scenarios in power resource planning 60322
Hayashi, Y., Ohkawa, N., Ito, T. Stimulated Brillouin scattering gain dependence on a pseudorandom noise pattern period for ASK, FSK and PSK in single-mode optical fiber transmission 13613
Hayashi, Y., Onodera, T., Nakajima, T., Kikuta, K., Tsuchiya, Y., Kawahara, J., Takahashi, S., Ueno, K., Chikaki, S. A new two-step metal-CMP technique for a high performance multilevel interconnects featured by Al- and "Cu in low ε, organic film"–metallizations 2443
Hayashi, Y. *see* Alam, M.S. 45261
Hayashi, Y. *see* Buckley, J.J. 40071
Hayashi, Y. *see* Den, S. 32177
Hayashi, Y. *see* Hirayama, K. 41391
Hayashi, Y. *see* Itahashi, S. 23222
Hayashi, Y. *see* Itoyama, K. 43459
Hayashi, Y. *see* Katoh, Y. 1353
Hayashi, Y. *see* Kawase, Y. 50912
Hayashi, Y. *see* Kim, H. 50755
Hayashi, Y. *see* Koike, H. 2999
Hayashi, Y. *see* Kurosawa, T. 59851
Hayashi, Y. *see* Li, X. 30886
Hayashi, Y. *see* Matsuki, T. 43587
Hayashi, Y. *see* Ohdachi, Y. 50943
Hayashi, Y. *see* Takahashi, E. 41750
Hayashi, Y. *see* Terada, H. 7605
Hayashi, Z., Nojo, S. Performance evaluation method using equivalent batch-call traffic models 16072
Hayashibara, K. *see* Sugahara, K. 40782
Hayashibe, R., Asano, N., Hirohata, H., Okumura, K., Kondo, S., Handa, S., Takizawa, M., Sone, S., Oshita, S. An automatic lung cancer detection from X-ray images obtained through yearly serial mass survey 59440
Hayashida, E. *see* Morimoto, A. 38680
Hayashida, H. *see* Iwase, N. 30265
Hayashida, K. *see* Yonekura, Y. 59475
Hayashida, N. *see* Ohoka, H. 48390
Hayashida, S. *see* Hisada, T. 20925
Hayashida, S. *see* Usui, M. 13644
Hayashida, Y., Ikegami, M., Sugimachi, N. A multi-segment bandwidth reservation protocol for a DQDB subnetwork 35715
Hayashii, H. *see* Aulchenko, V.M. 37247
Hayashii, H. *see* Ohshima, Y. 18083
Hayashiya, H., Araki, N., Paddison, J.E., Ohsaki, H., Masada, E. Magnetic levitation of a flexible steel plate with a vibration suppressing magnet 4205
Hayashiya, H., Araki, N., Paddison, J.E., Ohsaki, H., Masada, E. Magnetic levitation system of a flexible steel plate with vibration suppressing electromagnets 51888
Hayashiya, H. *see* Morizane, T. 61246
Hayashizaki, N. *see* Hattori, T. 59111
Hayashizaki, N. *see* Sasa, K. 59165
Hayat, M.M., Saleh, B.E.A., Gubner, J.A. Reduction of quantum noise in image estimation by use of twin-photon beams 15939
Hayat, S. *see* Debay, P. 28449
Hayat, S. *see* Debay, P. 51823
Hayat, S. *see* Debay, P. 59819
Hayata, E. *see* Watarai, H. 17396
Hayata, K. A non-Euler-Lagrangean approach to variational guided-wave optics 3424
Hayata, K. Hyperslow dynamics of dissipative envelope solitons 4048
Hayatleh, K., Lidgey, F.J., Porta, S. Comparing dual current-conveyor configurations 41320
Haycock, P.W. *see* Brown, J.R. 48719
Haycock, R. Remote-controlled, stepper-motor-activated cryogenic valve: design, development and testing 28546
Haycocks, P. *see* Goebel, R. 17161
Hayden, B. *see* Generie, P. 36266
Hayden, D. *see* Burns, H.N. 8672
Hayden, D. *see* Reynolds, J.A. 22690

Hayden, J.D., McNelly, T.F., Perera, A.H., Pfiester, J.R., Subramanian, C.K., Thompson, M.A. A high performance 0.25μm CMOS technology for fast SRAMs 53276
Hayden, J.D. *see* Lage, C. 41188
Hayden, J.S. *see* Krishnaswamy, M. 13639
Hayden, J.W. *see* Scoles, D.L. 61065
Hayden, L. *see* Smith, K. 39745
Hayden, R.K., Woods, R.C. Static model of single heterojunction acoustic charge transfer structures 55014
Haydt, M.S., Mourad, S. Piecewise models for noise analysis of digital CMOS circuits 1211
Hayduk, M.J., Johns, S.T., Krol, M.F. Chromium laser produces femtosecond pulses 33465
Hayduk, M.J., Johns, S.T., Krol, M.F., Pollock, C.R., Leavitt, R.P. Self-starting passively mode-locked tunable femtosecond Cr^{4+}:YAG laser using a saturable absorber mirror 55549
Hayduk, M.J., Johns, S.T., Krol, M.F., Pollock, C.R., Leavitt, R.P. Broadly tunable saturable absorber mode-locked Cr^{4+}:YAG femtosecond laser 55564
Haye, M.J. *see* Van Wingerden, J. 41863
Hayeiwa, K. *see* Muramatsu, R. 27129
Hayek, G.Al *see* Al Hayek, G.
Hayek, N. *see* Blot, J. 10411
Hayes, D.J., Wallace, D.B. Solder jet printing for low cost wafer bumping 53832
Hayes, D.J. *see* Cox, W.R. 52208
Hayes, E.M., Snyder, R.D., Jurrat, R., Feld, S.A., Wilmsen, C.W., Choquette, K.D., Geib, K.M., Hou, H.Q. 8×8 array of smart pixels fabricated through the Vitesse foundry integrating MESFET, MSM, and VCSEL elements 33345
Hayes, E.M. *see* Beyette, F.R., Jr. 23711
Hayes, E.M. *see* Jurrat, R. 33113
Hayes, E.M. *see* Stanko, P.J. 33181
Hayes, G. *see* Andrews, J. 30227
Hayes, I.C. *see* Bouch, S.M. 35575
Hayes, J.A. *see* Jone, J.A. 39926
Hayes, J.F. *see* Babu, T.V.J.G. 6694
Hayes, J.F. *see* Faraj, R. 46552
Hayes, J.F. *see* Huang, J. 6679
Hayes, J.G., Schulz, S.E., Hall, J.T., Egan, M.G., Murphy, J.M.D. Wide load range resonant converter supplying the SAE J-1773 inductive charging interface 39293
Hayes, J.M. *see* Reinot, T. 55846
Hayes, J.P. *see* Chakrabarty, K. 7176
Hayes, J.P. *see* Gupta, A. 13140
Hayes, J.P. *see* Gupta, A. 54808
Hayes, J.P. *see* Murray, B.T. 1466
Hayes, J.P. *see* Yalcin, H. 11345
Hayes, K. *see* Hesany, V. 8490
Hayes, M. Managing the future intelligent network 35807
Hayes, M., Woods, K. Treating semiconductor emissions with point-of-use abatement systems 2763
Hayes, M.B. *see* Viduya, L.A. 29839
Hayes, M.E. Co-solvent/fluorocarbon cleaning in conventional vapor degreasers 30406
Hayes, M.E., Fouts, C.S., Hrebenar, K.R. Cleaning water-sensitive parts without ozone-depleting solvents 52380
Hayes, M.E. *see* Bivins, E.A. 22054
Hayes, M.H. *see* Nefian, A.V. 56850
Hayes, M.H., III *see* Aydinoglu, H. 25404
Hayes, M.H., III. *see* Aydinoglu, H. 56633
Hayes, M.P. *see* Bowman, C.C. 35141
Hayes, M.T. *see* Czarnowski, J.M. 22098
Hayes, O. Marking applications now encompass many materials 44835
Hayes, P.A., Yu, D.H., Williams, J.F. Computer stabilized spin polarized electron source 41773
Hayes, P.A. *see* Furst, J.E. 3473
Hayes, P.J. *see* Sherlock, J.-P. 29908
Hayes, S., Brooks, D., Liu, T., Vickers, S., Fernando, G.F. In-situ self-sensing fibre reinforced composites 17453
Hayes, S., Grebogi, C. Digital communication using controlled chaos: theory and experiment 4413
Hayes, S. *see* Rosa, E., Jr. 34797
Hayes, Y.W. *see* Lidiard, K.A. 8350
Hayes-Roth, B. *see* Ash, D. 20995
Haykin, S. Chaotic characterization of sea clutter: new experimental results and novel applications 16841
Haykin, S., Sayed, A.H., Zeidler, J.R., Yee, P., Wei, P.C. Adaptive tracking of linear time-variant systems by extended RLS algorithms 56559
Haykin, S., Ukrainec, A., Currie, B., Li, B., Audette, M. A neural network-based noncoherent radar processor for a chaotic ocean environment 16891
Haykin, S. *see* Bhattacharya, T.K. 60075
Haykin, S. *see* Jones, G. 6872
Haylett, N. *see* Cacialli, F. 13872
Haylock, J.A. *see* Mecrow, B.C. 9598
Hayman, C.C. *see* Argoitia, A. 21221
Haynam, C. *see* Scheibner, K. 922
Haynes, B. *see* Antos, J. 37373
Haynes, B.R. *see* Trayner, C. 57312
Haynes, D.L. *see* Meigs, M.J. 49135
Haynes, D.L. *see* Olsen, D.K. 49153
Haynes, L., Levy, R., Lin, C., Nair, R., Prasad, P. Automatic generation of dependency models using autonomous intelligent agents 36389
Haynes, L., Levy, R., Lin, C., Prasad, P. Test and maintenance information management standard 30112
Haynes, L. *see* Nair, R. 31610
Haynes, M.P. *see* Vanden Bout, P.A. 58513
Haynes, R.B., Muniz, P.J., Smith, D.C. A new method for measuring the shielding effectiveness of interconnections in shielding technologies: application to cellular phone gaskets for the housing 45202
Haynes, R.F. *see* Staveley-Smith, L. 36300
Haynes, S. *see* Dean, J. 30134
Haynes, T., Schoenefeld, D. Clique detection via genetic programming 52495
Haynes, T.E. *see* Desnica, U.V. 31804
Haynes, T.E. *see* Eaglesham, D.J. 31744
Haynes, W.B. *see* Fazio, M.V. 33353
Haynes, W.J. *see* Eick, W. 28034
Haynes, W.J. *see* Eick, W. 59238
Haynor, D.R. *see* Pollard, K.R. 49488
Hays, D.A. *see* Feng, J.Q. 33841
Hayton, G.E. *see* Karampetakis, N.P. 40026
Hayton, T.G., Craig, K.H. Use of radiosonde data in propagation prediction 34051
Hayward, G., Conradi, J. Improved channel selectivity for fiber optic add/drop wavelength division multiplexers using generalized resonant couplers 16516
Hayward, G. *see* Philp, W.R. 11008
Hayward, G. *see* Pierce, S.G. 11020
Hayward, K. LAN emulation over ATM 6147
Hayward, R. *see* Barrows, A.K. 18612
Hayward, R.B. Meyniel weakly triangulated graphs. I. Co-perfect orderability 40078
Hayward, S.D. Effects of motion on adaptive arrays 45845
Haywood, G. *see* Pierce, S.G. 31028
Hazama, H. *see* Himeno, T. 53281
Hazama, H. *see* Matsukawa, N. 2836
Hazarika, N., Ah Chung Tsoi, Sergejew, A.A. Nonlinear considerations in EEG signal classification 49720
Hazdra, P. *see* Vobecky, J. 12872
Hazebrouck, D., Manger, C., Wikiel, H., Wikiel, K. A new technology for controlling electroplating baths 830
Hazebrouck, D., Manger, C., Wikiel, H., Wikiel, K. A new technology for controlling electroplating baths 30856
Hazell, N. *see* Sian, S.S. 58342
Hazell, N. *see* Simeonidou, D. 58092
Hazelton, C. *see* Reed, R. 52850
Hazeyama, I., Ikuina, K., Kimura, M., Utsumi, K. Low firing temperature silicon oxide for microwave substrate 10944
Hazin, C.A. *see* Alvarez Romero, J.T. 7791
Hazra, L.N., Delisle, C.A. Higher order kinoform lenses: diffraction efficiency and aberrational properties 55946
Hazra, S., Ghosh, A., Chakravorty, D. Classical hopping in sol-gel cobalt silicate glass 31871
Hazra, S., Middya, A.R., Ray, S. Stability of low bandgap a-Si:H prepared by conventional plasma enhanced chemical vapor deposition 12181
Hazra, S., Middya, A.R., Ray, S. Reduction of light-induced metastable changes in a-SiGe:H prepared by using helium dilution: comparison of metastability of helium- and hydrogen-diluted a-SiGe:H alloys 42007
Hazra, S., Middya, A.R., Ray, S. Low defect density amorphous silicon germanium alloy (1.5 eV) deposited at high growth rate under helium dilution in RF-PECVD method 52783
Hazra, S. *see* Ray, S. 39135
Hazra, T.K., Sun, C., Mian, A.M., Picinich, L.M. Developing communication and data systems for Space Station facility class payloads 6706
Hazumi, M. BELLE silicon vertex detector 37218
Hazumi, M. *see* Kawasaki, T. 59287
Hazumi, M. *see* Miyata, H. 37384
Hazumi, M. *see* Senyo, K. 37386
Hazzard, D., Giles, M.K. Comparison of restoration algorithms on high-altitude infrared images 15946
Hbib, H., Bonnaud, O., Lhermite, H., Menkassi, A. Deep levels in Au-$PO_xN_yIn_z$-(n)InP MIS structures evaluated by FTDLTS technique 54303
Hbib, H., Bonnaud, O., Quemerais, A., Gauneau, M., Adam, J.L., Marchand, R. Preparation and characterization of phosphorus oxinitride thin films for InP passivation 10872
He, B., Wang, Y., Pak, S., Ling, Y. Cortical source imaging from scalp electroencephalograms 59709
He, B. *see* O'Hara, M. 59678
He, B. *see* Wu, D. 49693
He, B. *see* Zhang, Z. 10309
He, C., Moura, J.M.F. Robust detection via subspace design 25068
He, D.H. *see* Cheng, K.W. 31549
He, D.H. *see* Hu, Y.Q. 31547
He, D.W. *see* Kusiak, A. 10018
He, F., Gibbard, M.J. Nonlinear modelling and adaptive control of power system stabilisation 19198
He, G., Chen, K., Tan, S., Wang, W. Electrical levitation for micromotors, microgyroscopes and microaccelerometers 19768
He, G.S., Lixiang Yuan, Yiping Cui, Ming Li, Prasad, P.N. Studies of two-photon pumped frequency-upconverted lasing properties of a new dye material 33397
He, G.S., Yiping Cui, Bhawalkar, J.D., Prasad, P.N., Bhawalkar, D.D. Intracavity upconversion lasing within a Q-switched Nd:YAG laser 14050
He, G.S., Yiping Cui, Yoshida, M., Prasad, P.N. Phase-conjugate backward stimulated emission from a two-photon-pumped lasing medium 24244
He, G.S., Yoshida, M., Bhawalkar, J.D., Prasad, P.N. Two-photon resonance-enhanced refractive-index change and self-focusing in a dye-solution-filled hollow fiber system 44625
He, J., Pan, A.-W., Ozaki, T., Kinouchi, Y., Yamaguchi, H. Three channels telemetry system: ECG, blood velocities of the carotid and the brachial arteries 18402
He, J. *see* Dawson, E. 24807
He, J. *see* Pan, A.-W. 18227
He, J. *see* Sun, X. 48592
He, K.X. *see* Darwish, A. 23771
He, L.L. *see* Jeong, D.Y. 3270
He, M. *see* Jin, B.B. 11698
He, M.Z. *see* Lin, G.H. 9550
He, P. *see* Benson, J.D. 710
He, P. *see* Dinan, J.H. 36671
He, Q. *see* Tang, K.S. 4713
He, S. *see* Stormer, H.L. 12470
He, T.-X. Spline wavelet transforms II 25072
He, W., Chang, J.S., Baird, M.H.I. Formation and dispersion of small water droplets in an insulating oil under a pulsed electric field 32730
He, W., Peng, G., Deng, G., Ji, W. An automatical tracker with optical correlator 15433
He, W. *see* Cooke, S.J. 13907
He, W. *see* Peng, G. 5460
He, W.X. *see* Teo, C.Y. 39629
He, X., Tafazolli, R., Evans, B.G. Priority-based random access scheme for S-PCN 26559
He, X. *see* Williams, B.W. 51359
He, X.-F., Ryu, S.R., Li, W.J., Haetly, J., Petrou, A., McCombe, B.D., Schaff, W. Measuring electron transfer in real space in biased asymmetric double quantum wells using far-infrared cyclotron resonance 22373
He, X.C. *see* Li, Y.Q. 2329
He, X.D., Gong, Y.Q., Wang, Q., Zhou, X.S., Gao, Y.Q. Study upon holographic duplicating technique using optical epoxy resin as transfer medium 44813
He, X.H. *see* Zhang, H.Y. 4042
He, Y. *see* McIntosh, F.G. 21274
He, Y. *see* Prasad, K. 2235
He, Y. *see* Roberts, J.C. 10794
He, Y. *see* Zhang, Y.J. 57747
He, Y.W. *see* Johnson, M.A.L. 30834
He, Y.W. *see* Piner, E.L. 10798
He, Y.X. *see* Shi, Y. 2115
He, Z., Knoll, G.F., Wehe, D.K., Miyamoto, J. Position sensitive single carrier CdZnTe detectors 59273
He, Z.J. *see* Zheng, D.W. 32161
He, Z.L., Liou, M.L., Fu, K.W. VLSI architecture for real-time fractal video encoding 5170
He, Z.Q., Ilver, L., Kanski, J., Nilsson, P.O., Songsiriritthigul, P., Holmen, G., Karlsson, U.O. Band structure evolution in InAs overlayers on GaAs(100) 2121
He, Z.Y. *see* Su, J. 41379
He An-Zhi *see* An-Zhi He
He Anguang *see* Lu Jianfeng 49521
He Anzhi *see* Ge Yi 39827
He Anzhi *see* Ge Yi 46403
He Anzhi *see* Anzhi He
He Bin *see* Wang Wen 44440
He Bin *see* Bin He
He Ching Yu *see* Ismailov, D.A. 44812
He Ching Yu *see* Ismailov, D.A. 44821
He Ching Yu *see* Jeenbaev, J.J. 44782
He Chuan *see* Chuan He
He Chuang *see* Chuang He
He Daren *see* He Qingli 11211
He Dayu A preliminary understanding of WSCC disturbance and separation on July 2, 1996 in the United States 8747
He Ding Sheng *see* Ding Sheng He
He Fachang *see* Shao Yuan 4835
He Gang *see* Gang He
He Guang-Qian *see* Gao Hong 44633
He Guangxin Fatigue crack growth caused by creep 28977
He Guangyy *see* Yu Zhu 44789
He Guiqing *see* Guiqing He
He Hai'en *see* Shan Bing 17472
He Hong *see* Guo Lixia 15436
He Hong Qi *see* Qi He Hong
He Hongjia *see* Chen Nuofu 2044
He Hongjia *see* Chen Nuofu 54064
He Huang *see* Zaibing Guo 43642
He Il Hahn *see* Strickland, R.N. 57183
He Jiafu, Li Lemin Source timing recovery of constant-bit-rate (CBR) services in ATM networks 47221
He Jiajie *see* Dai Wenmin 23375
He Jiali *see* Gao Houlei 28933
He Jialong *see* Jialong He
He Jingtang, Chen Duanbao, Li Zuhao, Mao Yufang, Dong Xiaoli Experimental studies on using silicon photodiode as read-out component of CsI(Tl) crystal 37295
He Junfang, Xu Dalun, Yao Baoli, Wang Aojin, Hu Kunsheng The photoelectrical character of bacteriorhodopsin 23659

He Junjia, Zou Jiyan, Zhang Hanming, Li Zhengxin Statistical property of electric breakdown in vacuum interrupters under impulse stress 19886
He Junjun *see* Guo Jianbo 19262
He Lanying *see* Lanying He
He Lei *see* Lei He
He Letian *see* Letian He
He Li *see* Wang Shanli 10788
He Li *see* Li He
He Li-Xiong Multiple non-exponential decay of photo-induced excess electrons in heterostructures 54162
He Libo *see* Libo He
He Linhai *see* Linhai He
He Liquan, Zhang Zhaofeng Discontinuities in millimeterwave phase shifter 53543
He Liquan *see* Li Yanbao 20512
He Mao *see* Mao He
He Meng *see* Jin Biaobing 55146
He Mincai, Huang Qijun, Long Li, Chen Changshen Injection photosensor–a new photodetector 58742
He Nanqiang, Pan Yueming, Wang Buhua, Ju Ping, Wei Zhinong Program of probabilistic stability in power systems and its application 28739
He Peiyu, Wang Yongde An adaptive recurrent neural network equalizer with decision feedback inputs 57556
He Ping *see* Ping He
He Qi *see* Qi He
He Qi-Ming *see* Qi-Ming He
He Qichao *see* Qichao He
He Qiming *see* Qiming He
He Qing, Hou Chao Huan RNIW: a novel general-purpose DSP architecture 21755
He Qing *see* Zhang Zhonghua 17148
He Qing *see* Qing He
He Qingli, Yao Hebao, He Daren, Wang Xingke Type II intermittency with new features in a kind of electronic oscillators 11211
He Renfu *see* Yu Zunquan 24236
He Sailing *see* Sailing He
He Shaoxiong *see* Chen Guoxiong 19834
He Shi-Ping *see* Shi-Ping He
He Shufang *see* Shufang He
He Song *see* Song He
He Song-Nian, Guo Ben-Yu Chebyshev spectral-finite element method for three-dimensional unsteady Navier-Stokes equation 40139
He Songhua *see* Zhang Liang 7214
He Songhua *see* Songhua He
He Tang *see* Yu, D.C. 8956
He Tao *see* Tao He
He Tian *see* Tian He
He Wang *see* Wang He
He Wang Zhan *see* Zhan He Wang
He Wei *see* Wei He
He Weijun *see* Gao Shibin 51757
He Weiming *see* Lu Zhiwei 14411
He Xiangjun, Yang Size, Du Yong, Tao Kun, Fan Yudian Reaction layer formation at the interface between Ti or Zr and AlN 918
He Xiangjun *see* Xiangjun He
He Xiangning *see* Xiangning He
He Xiangqing *see* Zhang Liang 53161
He Xiao-Qing *see* Xiao-Qing He
He Xiaoyuan *see* Xiaoyuan He
He Xingdao, Gong Yongqing, Wang Qing, Zhao Xisheng Study upon reflective hologram filter with bi-peak 44775
He Xinhua, Liu Shuomei Verification-oriented MBDD design for digital circuits 53088
He Yandong, Xu Mingzhen, Tan Changhua Unified characterization for minority carrier generation lifetime of pulsed MOS structures 2284
He Yandong *see* Yandong He
He Yang *see* Yang He
He Yanjun *see* Yanjun He
He Yanong *see* Zhao Yuelong 13457
He Yimin *see* Zhang Shuming 12074
He Yongqi *see* Pedersen, R.J.S. 6750
He You, Peng Yingning, Lu Dajin Survey of multisensor data fusion models 4839
He You *see* You He
He Youping, Su Genbo, Yu Xianchun, Li Zhengdong, Huang Bingrong, Jang Rihong, Zhao Qingran Growth of α-nickel sulphate hexahydrate for ultraviolet filters 13536
He Youping, Zeng Jinbo, Wu Dexang, Su Genbo, Yan Mingshan New technology of KDP crystal growth 13537
He Yuan-Ji *see* Huang Yun-Jin 32725
He Yuanjin *see* Liu, C.H. 40581
He Zhan *see* Zhan He
He Zhen-Ya *see* Zhen-Ya He
He Zhengquan, Li Yulin Analysis of channel gain errors of multichannel interleaving data acquisition system 17230
He Zhenhua *see* Dai Enguang 55011
He Zhenya *see* Zhenya He
He Zhijun *see* Zhao Yu 16404
He Zhijun *see* Zhuang Yueting 15832
He Zhiping *see* Zheng Yuxiang 2049
He Zhiyoug *see* Duan Limin 18082
He Zhong *see* Zhong He
He Ziqiang *see* Pi Xiaobo 56410
He Zuyuan *see* Zuyuan He
He-Qiao Li *see* Yi-Mo Zhang 23457
He-Qiao Li *see* Yi-Mo Zhang 43921
Hea Joung Kim *see* Villasenor, J. 25485
Hea-Am Park *see* In-Su Cha 19778
Hea-Sook Park, Sung-Jin Moon, Mee-Hye Lee, Kwang-Suk Song The design and comparison of two IPC control methods in an ATM switching control system 6397
Hea-Yeal Yoo, Sung-Yang Bang Application of the optimization layer by layer learning algorithm to FIR neural networks 1651
Heacox, E. *see* DiStefano, T. 52256
Headley, C., III, Agrawal, G.P. Unified description of ultrafast stimulated Raman scattering in optical fibers 3357
Headley, O. Renewable energy technologies in the Caribbean 60598
Headley, T. Oil filled switchgear replacement–type testing and system issues 51395
Headley, T.J. *see* Myers, S.M. 31750
Headrick, R.L., Kycia, S., Park, Y.K., Woll, A.R., Brock, J.D. Real-time x-ray-scattering measurement of the nucleation kinetics of cubic gallium nitride on β-SiC(001) 21301
Heagy, J.F. *see* Carroll, T.L. 24977
Heald, S.M., Brewe, D.L., Kim, K.H., Brown, F.C., Barg, B., Stern, E.A. Capillary concentrators for synchrotron radiation beamlines 37549
Healey, A.J., Leeman, S., Weight, J.P. Space-time imaging of transient ultrasound fields 37722
Healey, A.J. *see* Leeman, S. 60113
Healey, D.M., Jr., Rockmore, D.N., Moore, S.B. An FFT for the 2-sphere and applications 15904
Healey, G. *see* Slater, R. 25478
Healey, J. *see* Brownson, R. 39932
Healey, R.C. The implementation of a vector control scheme based on an advanced motor model 61122
Healey, R.C., Lesley, S., Williamson, S., Palmer, P.R. The measurement of transient electromagnetic torque in high-performance electrical drives 9585
Healey, R.C. *see* Williamson, S. 29327
Healey, R.C. *see* Williamson, S. 29336
Healy, D.M., Jr., Mirchandani, G., Olson, T.E., Rockmore, D.N. Wreath products for image processing 25764
Healy, D.M., Jr. *see* Chawla, S. 28205
Healy, K.R. A window on the plasma universe: the Very Large Array 7022
Healy, L. *see* Fitz-Gerald, G. 26212
Healy, M.D., Norman, J.A.T., Hochberg, A.K. The chemical vapor deposition of Al-Cu films utilizing independent aluminum and copper organometallic sources in a simultaneous deposition 40598
Healy, S.B., Janulewicz, K.A., Plowes, J.A., Pert, G.J. Transient high gains at 196 Å produced by picosecond pulse heating of a preformed germanium plasma 3703
Healy, S.B. *see* Behjat, A. 23738
Healy, S.B. *see* Cairns, G.F. 13960
Heaney, E. *see* Imbornone, J. 41498
Heaney, J.B. *see* Moller, K.D. 3542
Heang-Ping Chan, Sahiner, B., Kwok Leung Lam, Datgong Wei, Helvic, M.A., Adler, D.D. Classification of malignant and benign microcalcifications on mammograms using an artificial neural network 57542
Heang-Ping Chan, Sahiner, B., Petrick, N., Helvie, M.A., Kwok Leung Lam, Adler, D.D., Goodsitt, M.M. Computerized classification of malignant and benign microcalcifications on mammograms: texture analysis using an artificial neural network 49523
Heang-Ping Chan *see* Goodsitt, M.M. 28254
Heang-Ping Chan *see* Petrick, N. 57540
Heang-Ping Chan *see* Sahiner, B. 57541
Heanue, J.A., Brown, J.K., Hasegawa, B.H. The use of CdTe or CdZnTe for pulse-counting and current-mode medical imaging applications 35173
Heanue, J.A., Brown, J.K., Hasegawa, B.H. Two-dimensional modeling of compound-semiconductor strip detectors 59286
Heanue, J.F. *see* Bashaw, M.C. 4139
Heanue, J.F. *see* Gurkan, K. 3345
Heanue, J.F. *see* Lande, D. 3353
Heanue, J.F. *see* Lande, D. 4134
Heaps, W.S., Burris, J. Airborne Raman lidar 28627
Hearn, G.I., Mucci, P.E.R., Eyres, A., Amner, J.A. The triboelectric pen: an electrostatic method for the identification of plastics in recycling 33845
Hearn, W.E. *see* Bieser, F. 59307
Hearne, S. *see* Jacobsson, H. 12311
Hearne, S. *see* Jacobsson, H. 40399
Hearnes, W.E., II *see* Esogbue, A.O. 28791
Hearnes, W.E., II *see* Esogbue, A.O. 60974
Hearshen, D.O. *see* Peck, D.J. 8029
Heath, D.G. *see* Johnson, P.T. 7969
Heath, D.G. *see* Johnson, P.T. 59449
Heath, D.G. *see* Luomin Gao 59426
Heath, D.W., Bradfield, H.L. Short circuit protection of energy efficient motors 29198
Heath, R.W., Jr. *see* Giannakis, G.B. 56969
Heath, S. Video compression: matching the process to the task. 2 46434
Heath-Caldwell, J.J. Radio approvals for short range devices 7029
Heathcote, S. *see* Magalhaes, A.M. 7412
Heather, B. Connecting LAN-based email systems to the Internet securely 35723
Heatherly, L. *see* Tolt, Z.L. 30878
Heatley, D. *see* Greaves, S.D. 26769
Heaton, J.M., Bourke, M.M., Jones, S.B., Hilton, K.P., Wight, D.R. Low-loss GaAs/AlGaAs waveguide corners for compact optical delay lines 44033
Heaton, J.M., Jones, S.B., Bourke, M.M., Hilton, K.P., Birbeck, J.C.H., Wight, D.R. MMIC compatible GaAs/AlGaAs electro-optic waveguide modulators and switches for microwave applications 23573
Hebao Yao *see* Yao Hebao
Hebb, J.P., Jensen, K.F. The effect of multilayer patterns on thermal stress during rapid thermal processing 22489
Hebboui, S.E. *see* Herbert, S.T. 55119
Hebbron, B.D., Fenelon, P. The application of hazard and operability studies to real time structured requirements models 52114
HeBe Zhang *see* Zhang HeBe
Heberlein, J. *see* Bahr, D.F. 10906
Hebert, D.J., Kim, H. A fast-wavelet compass edge detector 25602
Hebert, J.P. *see* Ducellier, T. 47962
Hebert, M., Haccoun, D. On the CDMA capacity for LEO and MEO satellite systems for personal communications 47884
Hebert, M., Lachapelle, P., Dumont, M. Reproducibility of electroretinograms recorded with DTL electrodes 28339
Hebert, P. Bay of Seine Traffic Entity 7016
Hebert, P., Betge-Brezetz, S., Chatila, R. Probabilistic map learning: necessity and difficulties 15272
Hebert, R. *see* Morrow, P. 8719
Hebling, C., Gaffke, R., Lanyi, P., Lautenschlager, H., Schetter, C., Wagner, B., Lutz, F. Recrystallized silicon on SiO_2-layers for thin film solar cells 39026
Hebling, C. *see* Glunz, S.W. 12191
Hebrank, F.X., Vollmer, E., Funck, T., Gutmann, P., Niemeyer, J. Josephson voltage standard comprising the hybrid integration of a Josephson series array and a planar oscillator for 10 GHz 23408
Hebuterne, G., Dupuis, A. Microscopic models of ATM multiplexing 35406
Hechner, J., Wrobel, T. The influence of PcCu layer crystalline structure on the parameters of SAW gas sensors 36736
Hecht, F. *see* Borouchaki, H. 40260
Hecht, M.H. *see* Bonivert, W.D. 21327
Hechtfischer, D. *see* Schuster, G. 17178
Heck, B.S. *see* Gezgin, C. 60932
Heck, H.L. *see* Light, D.N. 41711
Heck, L.P. *see* Olkin, J.A. 15247
Hecke, J.Van *see* Van Hecke, J.
Hecke, P.Van *see* Van Hecke, P.
Hecke, T.Van *see* Van Hecke, T.
Heckele, M. *see* Both, A. 54832
Heckele, M. *see* Liwei Lin 23071
Hecker, H. *see* Bleck, J.S. 18270
Hecker, N.E. *see* Rodrigues-Herzog, R. 54066
Heckerman, D. *see* Geiger, D. 456
Heckerman, D. *see* Smyth, P. 30464
Heckman, J., Macha, K., Fischer, J., Folts, E., Preble, J., Wiseman, M. Qualification and cryogenic performance of cryomodule components at CEBAF 37003
Heckmann, C. *see* Bettermann, H. 59595
Heckmann, K.D. *see* Mirsky, V.M. 36715
Heckner, G. Redundancy reducing coding of moving object shapes 25547
Heckner, K.-H. *see* Kraft, A. 41914
Hector, J.R., Hewak, D.W., Wang, J., Moore, R.C., Brocklesby, W.S. Quantum-efficiency measurements in oxygen-containing gallium lanthanum sulphide glasses and fibers doped with Pr^{3+} 44385
Hector, S., Chu, W., Thompson, M., Poi, V., Dauksher, B., Cummings, K., Resnick, D., Pendharkar, S., Maldonado, J., McCord, M., Krasnoperova, A., Liebmann, L., Silverman, J., Guo, J., Khan, W., Bollepalli, S., Capodieci, L., Cerrina, F. Extendibility of X-ray lithography to ≤130 nm ground rules in complex integrated circuit patterns 32290
Hector, S. *see* Capasso, C. 32299
Hector, S. *see* Perera, A.H. 32175
Heczko, O. *see* Kraus, L. 3062
Hedayat, C.D., Hachem, A., Leduc, Y., Benbassat, G. High-level modeling applied to the second-order charge-pump PLL circuit 40961
Hedberg, S. Personal privacy: an endangered species in the information age? 6149
Hedberg, S.R. HP's International Cryptography Framework: compromise or threat? 24644
Heddebaut, M. *see* Deloof, P. 58471
Hedding, R. *see* Zipp, J. 28937
Hedeen, R.A., Edelstein, W.A. Characterization and prediction of gradient acoustic noise in MR imagers 28266
Hedemalm, P., Segerberg, T. Comparative life cycle assessment (LCA) of modern interconnection techniques for printed board assemblies 11883
Hedemalm, P. *see* Boustedt, K. 20929
Hedemalm, P. *see* Carlsson, P. 22103
Hedenqvist, P. *see* Hogmark, S. 21345
Hedges, K.R., Yu, S.K.W. Design features of Candu 9 19519
Hedges, W. *see* Dvorak, J. 50647
Hedlund, C., Strandman, C., Katardjiev, I.V., Backlund, Y., Berg, S., Blom, H.-O. Method for the determination of the angular dependence during dry etching 2333

Hedman, B. *see* Iwanczyk, J.S. 37343
Hedrick, J.C. *see* Shaw, J.M. 10229
Hedstrom, J. *see* Niemi, E. 39066
Hee, M.R. *see* Swanson, E.A. 11024
Hee Chan Kim, Khanwilkar, P.S., Bearnson, G.B., Olsen, D.B. Development of a microcontroller-based automatic control system for the electrohydraulic total artificial heart 18534
Hee Chang Yoon *see* Yoon Hee Chang
Hee Cho Jae *see* Jae Hee Cho
Hee Cho Sung *see* Sung Hee Cho
Hee Chul Lee *see* Dong Hyun Kim 54372
Hee Chul Lee *see* Han Jung 2341
Hee Chul Lee *see* Han Jung 3606
Hee Chul Lee *see* Kwan Kim 33263
Hee Chul Lee *see* Seung-Man Park 12355
Hee Chul Lee *see* Seung-Man Park 33262
Hee Chun Lim *see* In-Hwan Oh 51508
Hee Hong Dong *see* Dong Hee Hong
Hee Jin Jung *see* Choong Yung Jung 40107
Hee Jin Lim, Min Su Cho, Go Bong Choi A design of centralized call model for intelligent network and B-ISDN integration 47264
Hee Kim Myoung *see* Myoung Hee Kim
Hee Kuck Oh *see* Sang Jin Kim 57976
Hee Lee Chang *see* Chang Hee Lee
Hee Lee Kwang *see* Kwang Hee Lee
Hee Lee Kyung *see* Kyung Hee Lee
Hee Lee Soong *see* Soong Hee Lee
Hee Lee Tae *see* Tae Hee Lee
Hee Lee Yong *see* Yong Hee Lee
Hee Lee Young *see* Young Hee Lee
Hee Nam Chang *see* Chang Hee Nam
Hee Park Jae *see* Jae Hee Park
Hee Sang Chung, Yun Goo Kim, Donghan Lee, Dong Su Shin, Sung Chul Hong InGaAs/InAlAs quantum-well waveguide modulators utilizing the quantum confined Stark effect: fabrication and characterization 44063
Hee Soo Yoon *see* Chang Seop Koh 51041
Hee Suh Sang *see* Sang Hee Suh
Hee Tae Lee *see* Haksoo Han 58391
Hee Tae Lee *see* Min Kyu Song 296
Hee Tae Lee *see* Seong-Su Park 3838
Hee You Jae *see* Jae Hee You
Hee Youn Dae *see* Dae Hee Youn
Hee-Bum Jung *see* Chung-Wook Suh 58044
Hee-Cheol Choi *see* Gil-Cho Ahn 11542
Hee-Choul Lee *see* Joon-Seo Yim 41189
Hee-Choul Lee *see* Joon-Seo Yim 41225
Hee-Chul Lee *see* Ha-Soo Kim 30898
Hee-Chul Lee *see* Seong-Hoon Lee 32197
Hee-Chul Lee *see* Soo-Ho Bae 33264
Hee-Dae Kim, Sang-Wan Ryu, Sang-Koo Park, Hak-Hwan Kim, Weon Guk Jeong, Byung-Doo Choe Relaxation behaviour of mismatched InGaAsP on InP 22244
Hee-Dae Kim *see* Sang-Wan Ryu 41924
Hee-Dong Kang *see* Dong-Myung Lee 37576
Hee-Gon Kim *see* Yong-Yoo Kim 60581
Hee-Je Kim *see* Byung-Gu Kwak 60890
Hee-Jin Yee, Je-Kyun Park, Sung-Tae Kim Disposable thick-film amperometric biosensor with multiple working electrodes fabricated on a single substrate 27699
Hee-Jong Jeon *see* Jin-Geun Son 51675
Hee-Joung Kim *see* Mozley, P.D. 37908
Hee-Jung Lee *see* Lo, N.R. 2875
Hee-Kap Park *see* Youl-Moon Sung 9059
Hee-Ro Kwak *see* Yong-Han Yoon 38767
Hee-Seob Ryu *see* Oh-Kyu Kwon 45834
Hee-Sook Choi *see* Jin-Oh Kim 26034
Hee-Sung Moon *see* Nam-Joon Kim 29305
Hee-Yeal Yu, Bang, S.Y. An improved time series prediction by applying the layer-by-layer learning method to FIR neural networks 25247
Heebyung Yoon, Chatterjee, A., Hughes, J.L.A. Optimal design of checksum-based checkers for fault detection in linear analog circuits 54739
Heeg, M. *see* Loffler, M.J. 38184
Heeger, A.J., Heeger, D.J., Langan, J., Yang Yang The "plastic retina": image enhancement using polymer grid triode arrays 4993
Heeger, A.J. *see* Gao, J. 33302
Heeger, A.J. *see* Hide, F. 3772
Heeger, A.J. *see* Yu, G. 44257
Heeger, D.J. *see* Heeger, A.J. 4993
Heeger, M. *see* Bauer, D. 36731
Heel, F. *see* Zherdev, P.A. 27045
Heemstra, F. *see* Bemelmans, T. 26268
Heenan, W.A., McLauchlan, R.A. Development of an integrated engineering sophomore year curriculum 20683
Heens, B. *see* Ravet, F. 3373
Heens, B. *see* Wang, X. 44747
Heer, C. *see* Bottger, H. 8406
Heera, V. *see* Pacaud, Y. 31884
Heera, V. *see* Skorupa, W. 31882
Heerd, E. *see* Stein, H. 7870
Heerden, S.P.van *see* van Heerden, S.P.
Heerman, M. *see* Beyne, E. 52261
Heerschap, A., Jager, G.J., van der Graaf, M., Barentsz, J.O., Ruijs, S.H.J. Proton MR spectroscopy of the normal human prostate with an endorectal coil and a double spin-echo pulse sequence 49465
Heeseok Lee, Yong Shi, Nazem, S.M. Supporting rural telecommunications: a compromise solutions approach 16187
Heeseok Lee *see* Yong Shi 30511
Heesewijk, H.P.M.van *see* van Heesewijk, H.P.M.
Heesung Kwon *see* Jang, E.S. 25359
Heethaar, R.M. *see* Noordegraaf, A.V. 49717
Heethaar, R.M. *see* Raaijmakers, E. 18469
Hefer, B. *see* Hambitzer, G. 9489
Heffernan, J.F. *see* Logue, F.P. 23984
Heffernan, J.F. *see* Logue, F.P. 31970
Heffler, D. RALPH-a dynamic instrument for sediment dynamics 49990
Heffner, K. *see* Cameron, H. 14873
Hefle, G. *see* Burnus, M. 17377
Heflin, J.R., Figura, C., Marciu, D., Wang, S., Yordanov, R., Withers, J.C. Near-infrared optical limiting of C_{60} derivatives and higher fullerenes 4091
Heflin, M.B. *see* Zumberge, J.F. 60019
Hefnawi, M., Delisle, G.Y. Wideband adaptive system for indoor wireless communications 35898
Hefner, A.R., Jr. *see* Berning, D.W. 31098
Hefner, A.R., Jr. *see* Mantooth, H.A. 60928
Hefter, G.T. *see* Clare, B.W. 31880
Hegab, N.A. *see* Afifi, M.A. 42003
Hegarty, J. *see* Borgmann, M. 26041
Hegarty, J. *see* Logue, F.P. 23984
Hegarty, J. *see* Logue, F.P. 31970
Hegarty, J. *see* O'Sullivan, G. 31438
Hegarty, J. *see* Weldon, V. 36747
Hegarty, J. *see* Yoshida, H. 14161
Hegazi, G.M. *see* Weiqi Li 41484
Hegazy, A. *see* El Razaz, Z. 19077
Hegblom, E.R., Babic, D.I., Thibeault, B.J., Coldren, L.A. Loss limitations in dielectrically apertured vertical cavity lasers 3930
Hegblom, E.R. *see* Naone, R.L. 33525
Hegblom, E.R. *see* Thibeault, B.J. 23902
Hegblom, E.R. *see* Thibeault, B.J. 44569
Hegde, M., Naraghi-Pour, M., Li, Y. The deflecting multicast switch 46638
Hegde, M. *see* Moh, W.M. 57912
Hegde, M.V. *see* Min, P.S. 16073
Hegde, R. *see* Mocala, K. 42699
Hegde, R.I., Chonko, M.A., Tobin, P.J. Effect of silicon substrate microroughness on gate oxide quality 2348
Hegde, R.I., Maiti, B., Tobin, P.J. Growth and film characteristics of N_2O and NO oxynitride gate and tunnel dielectrics 54379
Hegde, R.I., Tobin, P.J., Sitaram, A.R., Klein, J. Thin film properties of tungsten nucleation layer in blanket tungsten deposition 52768
Hegde, S. *see* Acosta, R.E. 38760
Hegedus, A.S. *see* Stott, R.C. 38547
Hegedus, S., Buchanan, W., Liu, X., Gordon, R. Effect of textured tin oxide and zinc oxide substrates on the current generation in amorphous silicon solar cells 39148
Hegedus, S.S., Deng, X.-M. Analysis of optical enhancement in a-Si n-i-p solar cells using a detachable back reflector 39131
Hegedus, Z.S. Contact printing of Bragg gratings in optical fibers: rigorous diffraction analysis 33012
Hegeon Kwun, Hanley, J.J., Bartels, K.A. Recent developments in nondestructive evaluation of steel strands and cables using magnetostrictive sensors 40741
Heger, A.S., Jamshidi, M., Alang-Rashid, N.K. Self-tuning fuzzy logic nuclear reactor controller 29024
Heger, A.S., White, J.E. Using influence diagrams for data worth analysis 52379
Heger, F., Gonda, P. Solution of the vector Helmholtz equation in finite annular cylindrical conductors 38411
Hegerberg, R. *see* Sanden, B. 43573
Hegerhorst, D. Integrated circuit handler system for device programming is computer-controlled 159
Hegerl, R. *see* Stoschek, A. 5394
Hegland, M., Wheeler, W.W. Linear bijections and the fast Fourier transform 30683
Hegland, M. *see* Thaxiban Nair, M. 40248
Hegmann, F.A., Sherwin, M.S. Generation of picosecond far-infrared pulses using laser activated semiconductor reflection switches 44611
Hegmann, F.A. *see* Lindgren, M. 32916
Hegmann, F.A. *see* Lindgren, M. 55122
Hegner, H.J., Krause, P.C., Wasynczuk, O., Walters, E., Pekarek, S. Parameter measurement of a six-phase synchronous machine for simulation of machine/converter systems 29264
Hegt, J.A. *see* Leenaerts, D.M.W. 11612
Heh, D. *see* Yang, Y.T. 36597
Heh, T., Roehrich, B., Hakoupian, J. Integrated radar receiver front ends 48118
Hehl, T. *see* MacGregor, I.J.D. 37365
Hehmann, J. *see* Ambrosy, A. 26745
Hehmann, J. *see* Lach, E. 16732
Hehmann, J. *see* Muller, A. 16445
Hei Wong Modeling of the parasitic transistor-induced drain breakdown in MOSFETs 12918
Heiba, M.M. *see* Anoba, R.C. 38575
Heiberg, E.V. *see* Perman, W.H. 7928
Heibien, S. *see* Harris, G.L. 26214
Heiblum, M. Phase and temporal measurements in semiconductor quantum structures 42156
Heiblum, M., Yacoby, A., Schuster, R. Coherence and phase sensitive measurements with a quantum dot 12465
Heiblum, M. *see* Brill, B. 31840
Heiblum, M. *see* Buks, E. 12387
Heiblum, M. *see* Schuster, R. 32007
Heibronner, S., Wies, R. Managing PC-networks 16333
Heidari, S., Nikias, C.L. A new linear co-channel interference mitigation algorithm 14649
Heidbreder, A.F. *see* Miller, J.D. 14997
Heidbreder, W. *see* Duncan, G. 17515
Heide, F.Meyer Auf Der *see* Meyer Auf Der Heide, F.
Heide, P., Magori, V. Microwave sensors for industrial and transportation systems 48445
Heide, S. Traction power network calculations extended by train running simulations 9666
Heide, S. *see* Svoboda, P. 42054
Heide, W. *see* Verleger, R. 49627
Heidelbach, R. *see* Adams, G.F. 18660
Heidelberger, P. *see* Nicol, D. 35566
Heideman, R.G., Veldhuis, G.J., Jager, E.W.H., Lambeck, P.V. Fabrication and packaging of integrated chemo-optical sensors 27487
Heideman, R.G. *see* Lambeck, P.V. 27448
Heidemann, G., Ritter, H. A neural 3-D object recognition architecture using optimized Gabor filters 15521
Heiden, C. *see* Schone, S. 32917
Heiden, K.van der *see* van der Heiden, K.
Heiden, M.J.J.V. *see* Arkadan, A.-R.A. 51387
Heiden, R.Van Der *see* Van Der Heiden, R.
Heidenblut, T. *see* Burnus, M. 17377
Heider, P.E. *see* Friebele, E.J. 17439
Heidinger, R. *see* Link, G. 43427
Heidler, F. Coordination of surge protective devices using the current data from lightning field measurements 38423
Heidler, K. Direct funding of grid-connected photovoltaic applications in Germany–an overview 50823
Heidrich, H., Hamacher, M., Kaiser, R., Wenger, G., Albrecht, P., Loffler, R., Malchow, S., Rehbein, W., Schroeter-Janssen, H., Steingruber, R. Bi-directional photonic integrated transceivers for optical communication systems 47997
Heidrich, H. *see* Braun, R.P. 26834
Heidrich, H. *see* Hamacher, M. 16743
Heidrich, H. *see* Trommer, D. 16727
Heidrich, H. *see* Van Dam, C. 47980
Heidtman, C. *see* Vaidyanathan, M. 59495
Heiduschke, K. *see* Grossmann, G. 20848
Heierle, M., Kleinpeter, M. Public relations and media–a challenge to the electricity sector 19135
Heifets, S., Ko, K., Ng, C., Lin, X., Chao, A., Stupakov, G., Zolotarev, M., Seeman, J., Wiennands, U., Henestroza, E., Lambertson, G., Corlett, J., Byrd, J., Zisman, M., Weiland, T., Stoeffl, W., Bolser, C., Perkins, C., Nordby, M., Daly, E., Kurita, N., Wright, D. Impedance study for the PEP-II B-factory 49221
Heifets, S.A. Saturation of the ion induced transverse blow-up instability 49234
Heifets, S.A. Study of an instability of the PEP-II positron beam (Ohmi effect and multipactoring) 49236
Heifets, S.A., Zolotorev, M. Bunch heating by coherent synchrotron radiation 18006
Heifetz, A. Non-well-founded-type spaces 10266
Heigl, G. *see* Oswald, J. 12486
Heigl, G. *see* Oswald, J. 54211
Heijden, F.Van Der *see* Van Der Heijden, F.
Heijden, G.W.A.M.Van der *see* Van der Heijden, G.W.A.M.
Heijenk, G.J., Niemegeers, I.G. Modelling the reassembly buffer in a connectionless server 5887
Heijer, P.den *see* den Heijer, P.
Heijligers, M.J.M. *see* dos Santos, L.C.V. 1085
Heijmans, H.J.A.M. Composing morphological filters 57182
Heijmans, H.J.A.M. *see* Tuzikov, A.V. 5375
Heijne, E.H. *see* Faccio, F. 12993
Heijne, E.H.M. *see* Amendolia, S.R. 37346
Heike, S., Hashizume, T., Watanabe, S., Lutwyche, M.I., Wada, Y. Property change of Si(111) surface by scanning tunneling microscope manipulation 2369
Heiken, J.P. *see* Ge Wang 18376
Heikkila, J., Silven, O. Calibration procedure for short focal length off-the-shelf CCD cameras 5065
Heikonen, J., Noponen, T., Lampinen, M. A study of concentration and potential in a porous electrode 29532
Heil, H., Reinmuth, K. Mini-PROFETs in mini-smart technology: high-side smart power switches with all-round protection 11178
Heil, H., Reinmuth, K. Highside-switching: small and efficient [MOSFET power switches] 31114
Heil, H. *see* Reinmuth, K. 43136
Heil, R.B., Aita, C.R. Sputter deposition of boron nitride using neon-nitrogen discharges 40618
Heil, W. *see* Surkau, R. 37093
Heiler, K., Wies, R. Policy driven configuration management of network devices 35655
Heiliger, H.-M., Nagel, M., Roskos, H.G., Kurz, H., Schnieder, F., Heinrich, W., Hey, R., Ploog, K. Low-dispersion thin-film microstrip lines with cyclotene (benzocyclobutene) as dielectric medium 53525
Heiliger, H.-M., Vosseburger, M., Roskos, H.G., Kurz, H., Hey, R., Ploog, K. Application of liftoff low-temperature-grown GaAs on transparent substrates for THz signal generation 10677
Heiliger, H.-M. *see* Pfeifer, T. 58968

Heiliger, N.-M., Pfeifer, T., Vosseburger, M., Roskos, H.G., Kurz, H. Influence of insulation layers on the high-frequency properties of coplanar waveguides on Si 31455
Heiliger, W. *see* Muller, E. 31926
Heilmann, R. *see* Werner, C. 8462
Heilmann, T., Mahrla, P., Waegener, N. GSM phone design with the GOLDplus chipset: from chip to cellphone 16633
Heim, M. *see* Bolt, R. 10615
Heim, P.J.S., Dagenais, M., Krainak, M.A., Leavitt, R. 980 nm semiconductor optical preamplifier direct-detection receiver 6791
Heim, P.J.S. *see* Merritt, S.A. 55711
Heim, P.J.S. *see* Vusirikala, V. 16679
Heima, M. *see* Vosper, J.V. 11213
Heima, M. *see* Vosper, J.V. 31144
Heiman, D. *see* Plentz, F. 12498
Heimann, R.B. Applications of plasma-sprayed ceramic coatings 30971
Heimbach, M., Grcev, L.D. Grounding system analysis in transients programs applying electromagnetic field approach 38420
Heimbach, M. *see* Grcev, L.D. 38920
Heimbach, P. *see* Hasselmann, S. 8500
Heimbuch, M.E. *see* Babic, D.I. 24003
Heimbuch, M.E. *see* Mason, B. 33545
Heimbuch, M.E. *see* San-Liang Lee 14147
Heimbuch, M.E. *see* Yu-Heng Jan 6842
Heime, K. *see* Behet, M. 10690
Heime, K. *see* Behres, A. 52648
Heime, K. *see* Lakner, H. 52661
Heime, K. *see* Tuemmler, J. 52668
Heime, K. *see* von Eichel-Streiber, C. 54357
Heimeriks, H. *see* Rietveld, G. 27769
Heimlich, M.S., Henke, L., Debono, R.F., Krull, U.J. Photopyroelectric spectroscopy incorporating surface plasmon amplification for the development of chemical sensors using selective surfaces of nanometer thickness 48433
Heimmermann, D.A. *see* Gatt, P. 6967
Heimo, A. *see* Schmid, B. 38117
Heimrath, A. *see* Swierk, D. 4312
Hein, A. *see* Klaus, F. 16926
Hein, A. *see* Loffeld, O. 16867
Hein, B. *see* Berger, M. 58369
Hein, D.H. *see* Wu, A. 49889
Hein, E. *see* Eggers, H. 29196
Hein, H. *see* Borner, M.W. 54835
Hein, I.A. 3-D blood flow velocity estimation with a triple-beam lens–experimental results 28180
Hein, J., Helbig, M., Rentsch, S. Measurements of a nonlinear refractive index with a single laser pulse 48960
Hein, K. *see* Frank, C. 677
Hein, K. *see* Youngwoo Kwon 11682
Hein, S. *see* Li Qiu 13165
Heinamaki, A., Tulkki, J. Comparison of band-filling and gain models for multiple-quantum-well lasers 44472
Heinbach, M., Schienle, M., Schmid, A., Acklin, B., Muller, G. Low-loss bent connections for optical switches 55296
Heindl, E., Rau, W.D., Lichte, H. The phase-shift method in electron-off-axis holography: using neural network techniques 33743
Heindl, E. *see* Lichte, H. 33742
Heindl, W.A. *see* Schindler, S.M. 37451
Heindorff, T., Schroder, R., Bauch, A. The PTB's primary clock CS3 48318
Heindorff, T. *see* Bauch, A. 27209
Heindorff, T. *see* Bauch, A. 27273
Heine, F., Heumann, E., Huber, G. Tunable single-frequency thulium:YAG microchip laser with external feedback 3797
Heine, F. *see* Frank, K. 28948
Heine, F. *see* Frank, K. 51407
Heine, F. *see* Kretschmann, H.M. 55573
Heine, F. *see* Ostroumov, V.G. 3801
Heine, F. *see* Ostroumov, V.G. 55897
Heinecke, H. *see* Gerster, J. 22220
Heinecke, H. *see* Keidler, M. 40341
Heinegard, J. *see* Karlsson, J. 47670
Heineken, H. *see* Maly, W. 13090
Heineken, H.T., Maly, W. Interconnect yield model for manufacturability prediction in synthesis of standard cell based designs 13086
Heinemann, B. *see* Herzel, F. 42940
Heinemann, B. *see* Herzel, F. 54603
Heinemann, B. *see* Knoll, D. 2600
Heinemann, K., Hoffstatter, G.H. Tracking algorithm for the stable spin polarization field in storage rings using stroboscopic averaging 17945
Heinemann, K. *see* Barber, D.P. 7728
Heinemann, K. *see* Barber, D.P. 37085
Heinemann, S. *see* Nappi, J. 55671
Heinemann, S. *see* Tomm, J.W. 44443
Heinen, J.A., Niedejohn, R.J. Comments on "Inversion of the VanderMonde matrix" 40193
Heinig, K.-H. *see* Strobel, M. 31758
Heinig, K.-X. *see* Dvurechenskii, A.V. 40369
Heinig, K.H. *see* Palard, M. 31757
Heinisch, H.H. *see* Gardner, M.M. 20829
Heinitz, J. *see* Minet, O. 28342
Heinke, H. *see* Waag, A. 22312
Heinle, F.A., Schuessler, H.W. Measuring the performance of implemented multirate systems 25015
Heinol, H. *see* Xu, Z. 35023
Heinonen, J., Rosenberg, R. Nuclear research centres, avenues for technology transfer and international collaboration 19456
Heinonen, M., Cretinon, B. Comparison of the humidity standards at the CETIAT and the CMA 58612
Heinonen, T., Eskola, H., Kauppinen, P., Malmivuo, J. Tissue segmentation of visible human man data using IARD method 28282
Heinonen, T., Eskola, H., Malmivuo, J. IARD method for segmentation of tissues in MR scan of the head 28280
Heinonen, T. *see* Dastidar, P. 28283
Heinonen, T. *see* Hyttinen, J. 49697
Heinrich, A., Burkov, A., Gladun, C., Behr, G., Herz, K., Schumann, J., Powalla, H. Thermopower and electrical resistivity of undoped and co-doped β-$FeSi_2$ single crystals and β-$FeSi_{2+x}$ thin films 31906
Heinrich, A. *see* Burkov, A.T. 31931
Heinrich, A. *see* Burkov, A.T. 42008
Heinrich, A. *see* Pitschke, W. 31881
Heinrich, A.J., Wenderoth, M., Rosentreter, M.A., Schneider, M.A., Ulbrich, R.G. Scanning tunneling microscopy of the atomic structure of the GaAs (110) surface at reduced tip sample separation 41933
Heinrich, B.Von *see* Von Heinrich, B.
Heinrich, H., Venghaus, H. Photonic transceiver IC for the subscriber access region 26390
Heinrich, H. *see* Dickhaus, H. 59596
Heinrich, M. *see* Domke, C. 2030
Heinrich, O. *see* Giannone, L. 35201
Heinrich, S. *see* Eichler, H.J. 13950
Heinrich, S. *see* Frank, K. 10496
Heinrich, S.M., Schaefer, M., Schroeder, S.A., Lee, P.S. Prediction of solder joint geometries in array-type interconnects 10063
Heinrich, S.M., Wang, Y., Shakya, S., Schroeder, S.A., Lee, P.S. Selection of design and process parameters for non-uniform ball-grid arrays 30236
Heinrich, S.M. *see* Nigro, N.J. 11876
Heinrich, S.M. *see* Nigro, N.J. 30247
Heinrich, W. *see* Heiliger, H.-M. 53525
Heinrichs, W. High-order time splitting for the Stokes equations 21131
Heinrichsdorff, F., Krost, A., Grundmann, M., Bimberg, D., Bertram, F., Christen, J., Kosogov, A., Werner, P. Self organization phenomena of InGaAs/GaAs quantum dots grown by metalorganic chemical vapour deposition 40651
Heinrichsdorff, F. *see* Darhuber, A.A. 40304
Heinrichsdorff, F. *see* Turck, V. 54194
Heinrici, M. *see* Gockner, L. 9106
Heins, R.J. *see* Maurer, R.H. 49897
Heinshohn, G. *see* Acuna, M.H. 38011
Heintze, M. *see* Nebel, C.E. 12304
Heinz, A. *see* Winterer, G. 59700
Heinz, D. *see* Gerstenhofer, G.F.M. 19138
Heinz, E., Seidel, P. Microwave-induced steps in Josephson junctions, DC-SQUIDs and parallel arrays 43803
Heinz, M. *see* Wada, T. 11993
Heinz, P., Seilmeier, A., Piskarskas, A. Picosecond Nd:YLF laser-multipass amplifier source pumped by pulsed diodes for the operation of powerful OPOs 44424
Heinz, T.F. *see* Nahata, A. 33657
Heinz, T.F. *see* Nahata, A. 56021
Heinze, B. Improved display optical performance, with notch polarizers and specialized lamps, for helmet mounted display application 17632
Heinze, H.J. *see* Hinrichs, H. 8072
Heinze, J. *see* Vorotyntsev, M.A. 9504
Heinze, T. *see* Buttner, Th. 18407
Heinzel, A. *see* Ledjeff-Hey, K. 19993
Heinzel, A. *see* Voss, K. 50852
Heinzelmann, G. *see* Krawczynski, H. 37287
Heinzl, J. *see* Kellermann, H. 60807
Heinzmann, U. *see* D'Anna, E. 906
Heinzmann, U. *see* Stock, H.-J. 55377
Heirman, D.N. The USA emission and immunity EMC specifications 45221
Heise, B., Jung, M. Parallel solvers for nonlinear elliptic problems based on domain decomposition ideas 30666
Heise, E.R., Heise, R.E.W. A method to compute open area test site uncertainty using ANSI C63.4 normalized site attenuation measurement data 48809
Heise, R.E.W. *see* Heise, E.R. 48809
Heisel, U., Richter, F. Thermal behaviour of industrial robots–measurement, reduction and compensation of thermal errors 48971
Heisele, B., Neef, H., Ritter, W., Schneider, R., Wanielik, G. Object detection in traffic scenes by a colour video and radar data fusion approach 25779
Heiser, G., Saracino, M. Through-hole assembly: the tenacious technology 41627
Heiser, G. *see* Altermatt, P.P. 20025
Heiser, G. *see* Altermatt, P.P. 51559
Heiser, G. *see* Edmiston, S.A. 9540
Heiser, G. *see* Sproul, A.B. 39001
Heiserman, J.E. *see* Keller, P.J. 18284
Heising, G., Ruhl, G. Video coding using spatial extrapolation based motion field segmentation 57276
Heising, G.Von *see* Von Heising, G.
Heiska, K. *see* Daniele, P. 45130
Heiska, K. *see* Lindell, I.V. 56037
Heiska, K.J.M. *see* Nikoskinen, K.I. 35939
Heismann, F., Smith, R.W. High-speed polarization scrambler with adjustable phase chirp 47951
Heismann, F., Smith, R.W. High-speed polarization scrambler with adjustable frequency chirp 47979
Heiss, H. *see* Dong Xu 54706
Heiss, H. *see* Xu, D. 41440
Heiss, W.A. *see* Hartmann, E. 51086
Heist, P. *see* Kleinschmidt, J. 2473
Heistand, R. *see* Wells, G.T. 53857
Heisterkamp, D.R., Bhattacharya, P. Invariants of families of coplanar conics and their applications to object recognition 5138
Heit, B. *see* Honig, J. 46509
Heit, B. *see* Honig, J. 56970
Heitger, F. *see* Spirig, T. 53350
Heitger, F. *see* Spirig, T. 58849
Heitkotter, J. *see* Khuri, S. 21106
Heitmann, D. *see* Riege, S.P. 22338
Heitmann, R., McLenaghan, J. Simultaneous assembly of BGA, flip chip, SMT, and TAB components 22048
Heitor, M.V. *see* Caseiro, T.A. 30055
Heitt, M. *see* Novak, L.M. 19024
Heitz, F. *see* Kervrann, C. 15533
Heitz, F. *see* Kervrann, C. 56890
Heitz, F. *see* Kervrann, C. 57020
Heitz, F. *see* Laferte, J.-M. 5580
Heitz, R., Maxim, P., Eckey, L., Thurian, P., Hoffmann, A., Broser, I., Pressel, K., Meyer, B.K. Excited states of Fe^{3+} in GaN 41971
Heitz, R. *see* Dadgar, A. 42373
Heitz, R. *see* Kuttler, M. 2137
Heitz, R. *see* Ramachandran, T.R. 30800
Heitz, W. *see* Lussem, G. 13871
Heitzmann, M. *see* Benistant, F. 22839
Heitzmann, W., Sax, H. Surface mounting device packages for smart-power ICs 39793
Hejazi, S., Trauernicht, D.P. System considerations in CCD-based X-ray imaging for digital chest radiography and digital mammography 49419
Hejazi, Z.M. *see* Zunfu Jiang 21891
Hejn, K. A behavioural model of a fast AD converter 1528
Hek, A.P.De *see* De Hek, A.P.
Hekstra, G.J., Deprettere, E.F. A chip set for a ray-casting engine 31291
Hekstra, G.J., Deprettere, E.F., Heusdens, R., Zeng, Z. Efficient orthogonal realization of image transforms 25269
Helal, A.G. *see* Aziz, M.E.A. 59186
Helberg, A.S.J. *see* Ferreira, W.C. 34605
Helbig, H.F. *see* Ramseyer, G.O. 54504
Helbig, M. *see* Hein, J. 48960
Helbig, R. *see* Peppermuller, C. 44207
Helbing, R. *see* Mueller-Mach, R. 13858
Held, A. *see* Nishimura, T. 5069
Held, G. Using SimpleView to manage SNMP networks 57948
Held, R., Crawford, D.E., Johnston, A.M., Dabiran, A.M., Cohen, P.I. In situ control of GaN growth by molecular beam epitaxy 52724
Heldemann, K.F. *see* Stock, H.-J. 55377
Helder, D. A radiometric calibration archive for Landsat TM 18797
Helenius, K.-P. *see* Konkka, I. 59718
Helfert, S.F. *see* Ahlers, E. 33553
Helferty, J.P. Improved tracking of maneuvering targets: The use of turn-rate distributions for acceleration modeling 8681
Helfrich, H.-P., Zwick, D. A trust region algorithm for parametric curve and surface fitting 519
Helgeson, M. *see* Nelson, S. 17635
Helgeson, W.D. *see* Loubriel, G.M. 48125
Helgeson, W.D. *see* Zutavern, F.J. 49073
Helie Luo *see* Luo Helie
Helier, M. *see* Tabbara, W. 20547
Helin Ji *see* Xiaojun Fang 44177
Heling Yin *see* Yin Heling
Helininger, P.Van *see* Van Heliningen, P.
Helisto, P. *see* Pesu, L. 37764
Helke, G. *see* Wehrsdorfer, E. 17742
Helkey, R., Roussell, H., Cox, C., Aoki, M., Sano, H. Octave bandwidth analog link with a monolithic laser/electroabsorption modulator 36084
Helkey, R. *see* Roussell, H. 26706
Hell, G., Rolfe, A. Copper enhancement 16453
Hell, P., Jing Huang Two remarks on circular arc graphs 52484
Hell, S.W. *see* Kano, H. 27582
Hellberg, J. *see* Bastien, J. 32360
Hellberg, L., Thessen, O., Tenhunen, H., Gobbi, J.-M. GigaHertz MUX-DEMUX chip with HF BIST 58057
Hellborg, R. High voltage tests of an electrostatic accelerator for different mixtures of gases at various pressures 7695
Hellborg, R. *see* Hakansson, K. 49295
Helle, C., Schmitt, F. Requirements and prospects of a regional district-heating economy–presented using Mannheim as an example 38591
Hellebrand, S., Wunderlich, H.-J., Hertwig, A. Mixed-mode BIST using embedded processors 40985
Hellebrandt, M., Mathar, R., Scheibenbogen, M. Estimating position and velocity of mobiles in a cellular radio network 36004

Hellemans, P., Mampaey, M. The TINA service session graph: a generic call model for multi-media services 26046
Hellen, R.M. *see* Ehrlich, G.M. 61011
Hellendoorn, H., Seising, R., Metternich, W., Nissel, M., Thomas, C. Traffic control in ATM networks with fuzzy methods 46627
Hellendoorn, H. *see* Arnold, W. 16131
Helleputte, H.R.J.R.Van *see* Van Helleputte, H.R.J.R.
Heller, B. *see* Hart, L. 9359
Heller, C., Pischke, U., Sadarnac, D., Vannier, J.C. Comparison of low-cost low-voltage inverter-fed induction motor systems 60732
Heller, C., Sadarnac, D., Vannier, J.C. Simulation model for inverter-fed induction motor systems 9212
Heller, D., Zarrow, P. Justifying the 'margin of improvement' [no-clean soldering] 53754
Heller, L.G. *see* Bernstein, K. 11478
Heller, M. *see* Bauer, H.H. 3566
Heller, M. *see* Chiu, W.K. 58682
Heller, M. *see* Muhle, C. 7882
Heller, P. Applications of metal matrix composite materials in SEM-E cores and multi chip modules 52244
Heller, P.N. *see* Knox Carey, W. 57297
Heller, P.N. *see* Lang, M. 15295
Heller, P.N. *see* Nguyen, T.Q. 15297
Heller, S.R. *see* Harris, N.D. 49374
Heller, Y.Z. *see* Efthimiopoulos, P. 14353
Helleseth, T., Klove, T., Levenshtein, V.I. On the information function of an error-correcting code 34592
Helleseth, T., Vijay Kumar, P., Shanbhag, A. Codes with the same weight distributions as the Goethals codes and the Delsarte-Goethals codes 4539
Helleseth, T. *see* Hamada, N. 45541
Helleseth, T. *see* Hamada, N. 45542
Hellestrand, G. *see* King-Yin Cheung, T. 41074
Hellestrand, G. *see* Nagalla, R. 53174
Helley, M.Le *see* Le Helley, M.
Hellgren, E. *see* Novak, A. 12039
Hellig, K. *see* Proesch, G. 40477
Hellige, G. *see* Frerichs, I. 18456
Hellige, G. *see* Hahn, G. 18457
Helling, C.S. *see* Toppozada, A.R. 58859
Helling, K.-H. ESD protection measures - return on investment calculation and case study 24342
Hellman, C. *see* Eisen, Y. 37667
Hellman, E.S., Brandle, C.D., Schneemeyer, L.F., Wiesmann, D., Brener, I., Siegrist, T., Berkstresser, G.W., Buchanan, D.N.E., Hartford, E.H., Jr. $ScAlMgO_4$: an oxide substrate for GaN epitaxy 21251
Hellman, O., Tanaka, S.-I., Niki, S., Fous, P. Defect structure of Cu-rich and In-rich chalcopyrite $CuInSe_2$ films grown on GaAs 727
Hellman, S. *see* Engstrom, M. 59305
Hellmann, G., Kuhn, M., Prosch, M., Spreng, M. Extensible biosignal (EBS) file format: simple method for EEG data exchange 49589
Hellmann, G. *see* Penzel, T. 28066
Hellmann, R. *see* Mackh, G. 22316
Hellmann, R. *see* Mackh, G. 22369
Hellmann, S. *see* Funke, F. 29010
Hellmich, W. *see* Endres, H.-H. 36762
Hellmich, W. *see* Perego, C. 58892
Hellmig, J. *see* Baudis, L. 49327
Hello, P., Vinet, J.-Y. Simulation of beam propagation in off-axis optical systems 33606
Helloco, Y.Le *see* Le Helloco, Y.
Hellsten, H., Ulander, L.M.H., Gustavsson, A., Larsson, B. Development of VHF CARABAS II SAR 6949
Hellsten, H. *see* Gustavsson, A. 8338
Hellsten, H. *see* Israelsson, H. 28676
Hellsten, H. *see* Ulander, L.M.H. 16954
Hellstrom, E. *see* Wenk, H.-R. 32892
Hellwarth, R.W. *see* Strohkendl, F.P. 33636
Hellwich, O. Line extraction from synthetic aperture radar scenes using a Markov random field model 48064
Hellwich, O. *see* Streck, C. 8548
Hellwig, U. *see* Odoulov, S. 3311
Hellwig, U. *see* Odoulov, S.G. 4105
Helm, M. *see* Hilber, W. 42105
Helm, M. *see* Kruck, P. 17348
Helm, R. *see* Breidenbach, M. 37151
Helmcke, J. *see* Darnedde, H. 58611
Helmcke, J. *see* Riehle, F. 7139
Helmcke, J. *see* Schnatz, H. 27227
Helmcke, J. *see* Schnatz, H. 27824
Helmcke, J., Penselin, S. *(editors)* Frequency standards based on laser-manipulated atoms in ions. Proceedings 81
Helmer, J., Lindmayer, M. Mathematical modeling of the high frequency behavior of vacuum interrupters and comparison with measured transients in power systems 29484
Helmers, H. *see* Kherrat, R. 48705
Helmers, S.L., Kull, L., Carrazana, E.J., Constantinou, J.E., Holmes, G.L. Electroencephalographic monitoring of infants during repair of complex cardiac defects 37802
Helmers, S.L., Wypij, D., Constantinou, J.E., Newburger, J.W., Hickey, P.R., Carrazana, E.J., Barlow, J.K., Kuban, K.C.K.K., Holmes, G.L. Perioperative electroencephalographic seizures in infants undergoing repair of complex congenital cardiac defects 59639
Helmersson, U. *see* Gevorgian, S. 11755
Helmick, R.E., Conte, J.E., Rice, T.R. Absolute sensor alignment using GPS 45714
Helmicki, A.J. *see* Rangan, V. 8144
Helming, K. *see* Geier, S. 40430
Helming, K. *see* Geier, S. 40437
Helming, K. *see* Hinz, D. 3113
Helminger, P. *see* Petkie, D.T. 48372
Helmke, C., Zaaiman, W., Ossenbrink, H. An assessment of the results of calibrating 600 silicon PV reference devices 36522
Helmke, C. *see* Ossenbrink, H. 50835
Helmke, U. *see* Huper, K. 40090
Helmolt, C.V. *see* Kruger, U. 26742
Helmolt, C.V. *see* Kruger, U. 47893
Helmolt, C.von *see* von Helmolt, C.
Helmreich, D. *see* Ehlert, A. 54022
Helmreich, K., Reinwardt, G. Virtual test of noise and jitter parameters 48349
Helms, B. *see* Sartor, M. 347
Helms, C.A. *see* Phipps, S.P. 13927
Helms, C.J. *see* Osinski, M. 23705
Helms, C.R. *see* Holander-Gleixner, S. 42414
Helms, C.R. *see* Robinson, H.G. 2307
Helms, J. *see* Osinski, M. 13885
Helmsen, J., Puckett, E.G., Colella, P., Dorr, M. Two new methods for simulating photolithography development in 3D 2514
Helmy, A.Saher *see* Saher Helmy, A.
Helps, C.R.G. *see* Owen, E.F. 20640
Helsingius, M., Haavisto, P., Astola, J. FMH post correction filters for the interpolation of quincunx sampled images 15927
Helszajn, J., McKay, M., Lynch, D.J. Complex gyrator circuit of a junction circulator using weakly magnetised planar irregular hexagonal resonator 11671
Helszajn, J., Shrimpton, L. Propagation constant of dielectric loaded square waveguide 17749
Helvas, A.V., Mirov, D.M., Kirillov, A.E., Schastlivets, K.Yu. Adaptive object's motion parameters evaluation in the presence of non-steady-state background by high-resolving TV observing system 35156
Helvic, M.A. *see* Heang-Ping Chan 57542
Helvie, M.A. *see* Heang-Ping Chan 49523
Helvie, M.A. *see* Petrick, N. 57540
Helvie, M.A. *see* Sahiner, B. 57541
Hemamalini, N.S. *see* Tahani, H. 25219
Hemami, S.S. Reconstruction-optimized lapped orthogonal transforms 15910
Hemami, S.S., Gray, R.M. Subband filters optimized for lost coefficient reconstruction 46126
Hemami, S.S., Gray, R.M. Subband-coded image reconstruction for lossy packet networks 46252
Hemami, S.S. *see* Knox Carey, W. 57297
Hemani, A. *see* Lazraq, T. 35451
Hemani, A. *see* Oberg, J. 1322
Hemani, A. *see* Tammemae, K. 11424
Hembd-Soellner, Chr. *see* Maestle, R. 55782
Hembd-Sollner, C., Budzinski, C., Tiziani, H.J. Binary diffractive elements for CO_2 laser beam diagnostics 3570
Hembree, G.G. *see* Sugawara, A. 43615
Hembree, S. *see* Mercier, C.D. 47034
Hemel, N.M.van *see* van Hemel, N.M.
Hemenway, B.R., Stevens, M.L., Parikh, S.A., Marquis, D., Swanson, E.A., Koren, U., Vengsarkar, A. Performance of a wavelength-routed all-optical network at over 100 Gigabit/s 36148
Hemenway, B.R. *see* Finn, S.G. 23974
Hemenway, B.R. *see* Marquis, D. 6180
Hemidy, J.-F. *see* Guilbert, F. 52374
Hemink, G. *see* Aritome, S. 11453
Hemink, G. *see* Tanzawa, T. 1394
Hemli, J.A. *see* Zaslansky, R. 18403
Hemm, R.V. *see* Johnson, S.C. 60006
Hemmati, H. Laser communication component technologies: database, status and trends 6846
Hemmati, H., Wilson, K., Sue, M., Rascoe, D., Lansing, F., Wilhelm, M., Harcke, L., Chen, C. Comparative study of optical and RF communication systems for a Mars mission 6790
Hemment, P.L. *see* Nejim, A. 32119
Hemment, P.L.F. *see* Cristiano, F. 31937
Hemment, P.L.F. *see* Fan, W. 42404
Hemment, P.L.F. *see* Hatzopoulos, N. 31789
Hemment, P.L.F. *see* Komoda, T. 31753
Hemment, P.L.F. *see* Nylandsted Larsen, A. 42371
Hemment, P.L.F. *see* O'Raifeartaigh, C. 30743
Hemment, P.L.F., Cristoloveanu, S., Izumi, K., Houston, T., Wilson, S. *(editors)* Proceedings of the Seventh International Symposium on Silicon-On-Insulator Technology and Devices 29948
Hemmer, P.R., Katz, D.P., Shahriar, M.S., Kumar, P., Cronin-Golomb, M. Optical phase conjugation using Raman coherent population trapping 14354
Hemmer, T.H. Towards automation of the extraction of lines of communication from multispectral images using a spatio-spectral extraction technique 15773
Hemmi, M. *see* Kamigaito, O. 49213
Hemminger, T.L., Pomalaza-Raez, C.A. Determining the number of dependent and independent paths through packet radio networks using a Hopfield net 16531
Hemminger, T.L., Pomalaza-Raez, C.A. Using neural networks to solve the multicast routing problem in packet radio networks 46804
Hemminger, T.L. *see* Pomalaza-Raez, C.A. 58096
Hempel, A., Eichhorn, F., Reichel, P., Boede, W. A neutron double-crystal diffractometer with a position sensitive detector for small-angle scattering studies 37272
Hempel, K.A. *see* Birkfeld, M. 3034
Hempel, K.A. *see* Birkfeld, M. 23300
Hempel, K.A. *see* Sievert, J. 23324
Hempel, K.A. *see* Suerig, C. 3168
Hempel, K.A. *see* von Staa, F. 3103
Hempel, K.A. *see* von Staa, F. 3104
Hemphill, R., Edelstein, J., Rogers, D. Chemical method to increase extreme ultraviolet microchannel-plate quantum efficiency 58841
Hempstead, M. *see* Camy, P. 26837
Hen Hu Yu *see* Yu Hen Hu
Hen-Geul Yeh An efficient implementation of forward-backward LMS adaptive filters 45960
Hen-Wai Tsao *see* Yanp-Han Lee 6713
Henao, R., Rabal, H., Tagliaferri, A., Torroba, R. Determination of the zero-order fringe position in digital speckle pattern interferometry 59036
Henao, R. *see* Torroba, R. 13757
Henaux, J.-C. *see* Megherbi, S. 9914
Henchun, L. *see* Yi, Y. 29822
Hendawi, A. *see* Badawi, A.M. 18358
Henderson, A.J., Hasselbrack, W., Li, S., Lokos, S., Notari, A., Zhang, G. Utilization of a commercial optical parametric oscillator for water vapor differential absorption lidar measurements 18942
Henderson, B. *see* Nicholls, J.F.H. 10805
Henderson, C.L. *see* Soden, J.M. 30179
Henderson, D.J. *see* Back, B.B. 7832
Henderson, D.O., Mu, R., Tung, Y.S., Ueda, A., Collins, W.E., White, C.W., Zuhr, R.A., Zhu, J.G. Exciton and phonon confinement in GaP quantum dots 42126
Henderson, D.O. *see* Ueda, A. 12666
Henderson, D.O. *see* Zhu, J.G. 12667
Henderson, E.J., Kalejs, J.P. The road to commercialization in the PV industry: a case study of EFG technology 38648
Henderson, F.M., Zong-Guo Xia SAR applications in human settlement detection, population estimation and urban land use pattern analysis: a status report 28678
Henderson, F.M. *see* Zong-Guo Xia 38116
Henderson, G.N., Der-Woei Wu Load-pull characterization and modeling of chip and plastic packaged HBT's for PCS amplifier applications 11693
Henderson, G.N. *see* Guthrie, D.K. 22447
Henderson, G.N. *see* O'Keefe, M.F. 53599
Henderson, J. *see* Bao, X.J. 37308
Henderson, L.C.A., Thompson, R.P. The NPL 10 V Josephson junction array voltage standard 27236
Henderson, P. *see* Schedin, E. 11835
Henderson, R., Seeds, D. Condition assessment of circuit breakers using a trip coil profiling approach 38917
Henderson, R.H. *see* Ozbay, E. 58754
Henderson, R.M. *see* Drayton, R.F. 31525
Henderson, S.W., Ota, K. Recent improvements in eyesafe, solid-state and coherent laser radar technology 36263
Henderson, T., Ley, V., Kim, T., Moise, T., Hill, D. Hydrogen-related burn-in in GaAs/AlGaAs HBTs and implications for reliability 42960
Henderson, T.C. Design and testing of a broadband active vibration isolation system using stiff actuators 49904
Henderson, T.S. The GaAs heterojunction bipolar transistor: an electron device with optical device reliability 2589
Henderson, T.S., Kim, T.S. Improved reliability self-aligned C/X-band monolithic power HBT amplifiers fabricated with a low-stress process 31527
Henderson, W. *see* Coyle, A.J. 6206
Hendessi, F., Aref, M.R., Gulliver, T.A., Sheikh, A.U.H. Fast Data Encryption Standard (FDES): a good replacement for DES 45632
Hendon, E., Jacobsen, H.J., Sloth, B., Tranaes, T. The product of capacities and belief functions 421
Hendow, S.T. Crystal Bragg gratings stabilize laser sources 14229
Hendrick, W.L. *see* Chi Fan 23713
Hendricks, C.P., Biebricher, M., Franke, H. Orientational stability of NLO chromophores in the polar matrix of poly-(α-methyl-styrene) 13544
Hendricks, K., Haworth, M., Spencer, T., Shiffler, D., Arman, M., Hackett, K., Calico, S., Englert, T., Clark, C., Coleman, D., Lemke, R., Gallegoes, R., Sena, M., Ralph, D., Scott, M., Trujillio, D. Research on pulse shortening of GW class HPM sources 11231
Hendricks, K. *see* Englert, T.J. 58964
Hendricks, K. *see* Luginsland, J.W. 12088
Hendricks, K. *see* Luginsland, J.W. 53971
Hendricks, K.J. *see* Agee, F.J. 53979
Hendricks, K.J. *see* Haworth, M.D. 12111
Hendricks, K.J. *see* Spencer, T.A. 12110
Hendricks, K.J. *see* Spencer, T.A. 54001
Hendricks, T.J., Bruns, M.W., Hershberg, E.L. Thermal transport and electrical dissipation in ultra-low thermal load, multi-gigahertz I/O cables for superconducting microelectronics 43813
Hendricks, T.J. *see* Patelzick, D.L. 41561

Hendrickson, L. *see* Himel, T. 37055
Hendrickson, M. *see* Goosey, M. 11981
Hendrickx, E. *see* Spaepen, A. 6324
Hendriks, B.H.W., Van Gorkom, G.G.P., Lambert, N., De Zwart, S.T. Modes in electron-hopping transport over insulators sustained by secondary electron emission 53948
Hendriks, B.H.W., Van Gorkom, G.G.P., Van Keersop, A.T.M.H., Lambert, N., Trompenaars, P.H.F., De Zwart, S.T. Monte Carlo calculations of the electron hop transport in various parts of a Zeus display 58937
Hendriks, B.H.W. *see* De Zwart, S.T. 53949
Hendriks, B.H.W. *see* Lambert, N. 58936
Hendriks, B.H.W. *see* Lambert, N. 58939
Hendriks, B.H.W. *see* Scholtz, J.J. 41760
Hendriks, B.H.W. *see* van Gorkom, G.G.P. 41802
Hendriks, E. *see* Redert, A. 57967
Hendriks, E.A., Marosi, G. Recursive disparity estimation algorithm for real time stereoscopic video applications 57461
Hendriks, E.A. *see* Patras, I. 56862
Hendriks, H.T. *see* Hoke, W.E. 42150
Hendriks, M. *see* Biesemans, S. 2652
Hendriksen, B. *see* Horsthuis, W. 26453
Hendriksen, E. *see* Bultheel, A. 30558
Hendriksen, E. *see* Bultheel, A. 30579
Hendrix, C. *see* Barfield, W. 48778
Heneghan, S.P., Zabarnick, S., Ballal, D.R., Harrison, W.E., III Designing high thermal stability jet fuels for the 21st Century 18743
Henein, G.E., Gates, J.V., Mulligan, L.J., Presby, H.M., De Jong, J.F. Fiber to laser coupling on silicon optical bench platform 44313
Henermann, H., Schiek, B. Line network network (LNN): an alternative in-fixture calibration procedure 48854
Henesian, M.A. *see* Van Wonterghem, B.M. 24047
Henesian, M.A. *see* Widmayer, C.C. 23873
Henestroza, E., Eylon, S., Kim, J.S., Houck, T., Westenskow, G., Yu, S. Simulations and cold test of an inductively detuned RF cavity for the Relativistic Klystron Two Beam Accelerator 49183
Henestroza, E., Grote, D.P. Transient beam dynamics in the Lawrence Berkeley Laboratory 2 MV injector 59152
Henestroza, E. *see* Barletta, W. 7698
Henestroza, E. *see* Celata, C.M. 59132
Henestroza, E. *see* Eylon, S. 49182
Henestroza, E. *see* Eylon, S. 59183
Henestroza, E. *see* Heifets, S. 49221
Henestroza, E. *see* Houck, T.L. 49092
Henestroza, E. *see* Kim, J.S. 37026
Henestroza, E. *see* Westenskow, G.A. 49091
Henestroza, E. *see* Yu, S. 18027
Henestroza, E. *see* Yu, S.S. 59107
Henftling, M. *see* Tafertshofer, P. 41081
Heng Chen *see* Chen Heng
Heng Fan *see* Fan Heng
Heng Seng Cheng *see* Fairhurst, G. 47890
Heng Shao *see* Ogusu, K. 4047
Heng Wei *see* Wei Heng
Heng Zhang *see* Zhang Heng
Heng-Fu Pan *see* Pan Heng-Fu
Heng-Li Zhang *see* Zhang Heng-Li
Heng-Ming Tai, Papa, M., Shenoi, S. On global analysis and design of fuzzy control systems 38754
Hengbo Yu *see* Yu Hengbo
Hengchun Mao, Lee, F.C., Xunwei Zhou, Boroyevich, D. Improved zero-current transition converters for high power applications 38827
Hengde Li *see* Li Hengde
Hengehold, R.L. *see* McCrae, J.E. 42026
Hengehold, R.L. *see* Silkowski, E. 12621
Hengehold, R.L. *see* Silkowski, E. 54369
Henggeler Antunes, C. *see* Martins, A.G. 28851
Hengji Liu *see* Ruimin Liu 27202
Hengkun Xie *see* Xie Hengkun
Hengster, H., Drechsler, R., Eckrich, S., Pfeiffer, T., Becker, B. AND/EXOR-based synthesis of testable KFDD-circuits with small depth 53131
Hengster, H., Sparmann, U., Becker, B., Reddy, S.M. Local transformations and robust dependent path delay faults 40966
Hengzhang Hu *see* Hu Hengzhang
Henini, M. Molecular beam epitaxy from research to mass production 40378
Henini, M. *see* Cole, B.E. 2144
Henini, M. *see* Cole, B.E. 42174
Henini, M. *see* Collins, C.E. 53635
Henini, M. *see* Eaves, L. 42158
Henini, M. *see* Galbiati, N. 12275
Henini, M. *see* Galbiati, N. 22518
Henini, M. *see* Itskevich, I.E. 22900
Henini, M. *see* Maude, D.K. 12384
Henini, M. *see* Maude, D.K. 22346
Henini, M. *see* Neves, B.R.A. 12391
Henini, M. *see* Ponomarev, Y.V. 22390
Henins, I. *see* Nastasi, M. 10885
Henis, A. *see* Pankov, V. 21370
Henis, N., Abercrombie, D., Brownson, R. Shadowing of lightly-doped drain implants due to gate etch profiles and implanter configurations 54347
Henis, N. *see* Abercrombie, D. 2302
Henk, T. *see* Abo-Zahhad, M. 41327
Henk, T. *see* Farago, A. 26028
Henk, T. *see* Szarkowicz, K. 57965
Henke, D. *see* Friedrich, M. 49156
Henke, H. Introduction to high energy linear accelerators for low emittance beams 37048
Henke, H., Merte, R., Nassiri, A., Song, J., Kang, Y.W., Kustom, R.L. Millimeter-wave RF structures 49122
Henke, L. *see* Heimlich, M.S. 48433
Henke, R. *see* Mitschele-Thiel, A. 25955
Henke, S. *see* Christensen, C. 20855
Henke, S. *see* Geier, S. 40430
Henke, W. *see* Erdmanna, A. 22669
Henke, W. *see* Lorenz, J. 13096
Henkel, A., Delage, S.L., Di Forte-Poisson, M.A., Blanck, H., Hartnagel, H.L. Boron implantation into GaAs/$Ga_{0.5}In_{0.5}P$ heterostructures 32144
Henkel, A., Delage, S.L., diForte-Poisson, M.-A., Chartier, E., Blanck, H., Hartnagel, H.L. Collector-up InGaP/GaAs-double heterojunction bipolar transistors with high f_{max} 41468
Henkel, E.-C., Tammer, CHR. ϵ-variational inequalities for vector approximation problems 10339
Henkel, T. *see* Fettig, R. 36585
Henkens, R.W. *see* Junguo Zhao 7450
Henkes, U. Rail-ISDN–DBKom's new telecommunications network 16360
Henle, B.U. *see* Leitch, W.E. 2193
Henley, A. A discussion of some of the issues facing the regulator in dealing with the newly developing nomadic services including HIPERLAN 26153
Henley, B., Sacks, G.J. Deposition of electrochromic tungsten oxide thin films by plasma-enhanced chemical vapor deposition 52767
Henley, F.J., Mui, R., Scott, D.H., Speedy, J.C. Tradeoffs in panel designs for cell testing 17663
Henley, S.S. *see* Bodine, H.L. 15233
Henmi, N. High-voltage DC-DC converter 51130
Henmi, N. *see* Maeno, Y. 57915
Henmi, R. *see* Yokomizu, Y. 9424
Henn, D. *see* Cammann, K. 27965
Henne, M. *see* Friedman, M. 52471
Henne, R. *see* Schilz, J. 30909
Henneberger, F., Kreller, F., Puls, J., Wunsche, H.J. Lasing mechanisms and optical gain in visible-bandgap II-VI quantum well structures 55636
Henneberger, F. *see* Nickolaus, H. 22362
Henneberger, F. *see* Schikora, D. 782
Henneberger, F. *see* Wruck, D. 42406
Henneberger, G., Kuppers, S., Ramesohl, I. Numerical calculation, simulation and design optimisation of claw pole alternators for automotive application 29857
Henneberger, G., Kuppers, S., Ramesohl, I. Design optimization of claw-pole alternators for automotive applications 51817
Henneberger, G., Otto, B., Brosse, A. Investigation and comparision of neural network applications to the control of electrical machines 51693
Henneberger, G. *see* Albertz, D. 51761
Henneberger, G. *see* Broesse, A. 61128
Henneberger, G. *see* Broesse, A. 61129
Henneberger, G. *see* Dappen, S. 51853
Henneberger, G. *see* Friedrich, Th. 39329
Henneberger, G. *see* Kuppers, S. 51813
Hennebert, C., Rebuffel, V., Bouthemy, P. A hierarchical approach for scene segmentation based on 2D motion 5074
Hennebert, C., Rebuffel, V., Bouthemy, P. Detection of small and slow moving objects observed by a mobile camera 15731
Hennebert, C. *see* Rebuffel, V. 56663
Hennecke, M.E., Prasad, K.V., Stork, D.G. Automatic speech recognition system using acoustic and visual signals 14877
Hennequin, D. *see* Lepers, C. 13926
Hennequin, D. *see* Lepers, C. 23739
Hennessey, K., Lin, Y., Cleavelin, R., Bennett, M. Integrated defect management using a knowledge-based approach 13059
Hennessy, W. *see* Brown, D.M. 2841
Hennessy, W. *see* Ramungul, N. 2690
Hennet, L. *see* Boher, P. 2470
Hennevin, B. *see* Sarrus, F. 51160
Hennig, E. *see* Borchers, C. 11156
Hennige, C. *see* Sanghvi, N.T. 28413
Henniger, O., Barbeau, M., Sarikaya, B. Specification and testing of the behavior of network management agents using SDL-92 26029
Henning, A.K., Hochwitz, T. Scanning probe microscopy for 2-D semiconductor dopant profiling and device failure analysis 32141
Henning, B. *see* Puttmer, A. 38126
Henning, G. *see* Husar, P. 28371
Henning, G. *see* Wetzig, T. 28361
Henning, P.J., Ginn, K.B., Larsen, H. A new technique for monitoring condenser microphones 60116
Henning, T. *see* Klar, P.J. 12510
Henninot, J.F. *see* Kurkov, A.S. 43971
Hennion, C. *see* Alquie, C. 43572
Henniot, J.F. *see* Kurkov, A.S. 43983
Henrich, B., Beigang, R. Self-starting Kerr-lens mode locking of a Nd:YAG-laser 23869
Henrichs, M. *see* Eggers, H. 29196
Henricks, T. *see* McKee, R. 17495
Henriksen, H. *see* Singh, H. 48157
Henriksen, M. *see* Fleming, R.J. 2969
Henriksen, M. *see* Holboll, J.T. 9252
Henriksen, T. Including high order rational functions in EMTP: a comparison between alternative methods with emphasis on accuracy 38208
Henrikson, H. *see* Lou, K. 7818
Henrikson, P. *see* Johnson, P. 48942
Henriksson, A., Sandgren, S., Asseh, A. Temperature insensitivity of a fiber optic Bragg grating sensor 36613
Henrion, C. *see* Stephansson, P. 51400
Henrion, W., Brehme, S., Sieber, I., von Kanel, H., Tomm, Y., Lange, H. Optical and electrical properties of iron disilicide with different degree of structural perfection 12319
Henrion, W. *see* Teichert, St. 895
Henrioud, J.-M. *see* Minzu, V. 52173
Henriques, A.B. *see* Yavich, B. 54353
Henriquez, C. *see* Jain, M.K. 59757
Henriquez, C. *see* Pendekanti, A. 59816
Henriquez, C. *see* Zimering, R. 49743
Henriquez, C.S. *see* Muzikant, A.L. 59584
Henrotte, F. *see* Dular, P. 44929
Henrotte, F. *see* Dular, P. 44931
Henrotte, F. *see* Remacle, J.-F. 44934
Henry, A. *see* Buyanova, I.A. 2167
Henry, A. *see* Chen, W.M. 2112
Henry, A. *see* Ni, W.-X. 2168
Henry, C.H., Kazarinov, R.F. Principles of quantum noise in photonics 44900
Henry, C.H. *see* Kohnke, G.E. 23556
Henry, C.H. *see* Li, Y.P. 3653
Henry, F. *see* Tofanelli, A. 26393
Henry, L.G., Hyatt, H., Barth, J., Stevens, M., Diep, T. Charged device model (CDM) metrology: limitations and problems 24345
Henry, M. *see* Atia, M. 17282
Henry, M. *see* Favre, F. 47899
Henry, M. *see* Favre, F. 47963
Henry, M. *see* Green, R.G. 39332
Henry, M. *see* Green, R.G. 61242
Henry, M. *see* Guillemot, C. 26445
Henry, P.C. 2.7 volt-only NOR-based flash memory meets portable system requirements 1370
Henry, R.E. *see* Suh, K.Y. 19514
Henry, R.E. *see* Suh, K.Y. 19515
Henry, R.L., Nordquist, P.E.R., Gorman, R.J., Blakemore, J.S., Moore, W.J. Zone melt growth of GaAs for gamma ray detector applications 30689
Henry, R.L. *see* McGregor, D.S. 37313
Henry, R.L. *see* McGregor, D.S. 37323
Henry, R.L. *see* Moore, W.J. 37315
Henry, T.R., Soo, T. Burn-in elimination of a high volume microprocessor using I_{DDQ} 41213
Henry, T.R. *see* Faber, T.L. 18398
Henschel, H., Kohn, O., Schmidt, H.U. Radiation-induced loss of optical fibres at 1300 nm and 1550 nm wavelength 43955
Henschel, H. *see* Denisenko, A. 22760
Henschel, H. *see* Eick, W. 28034
Henschel, H. *see* Eick, W. 59238
Hense, S.G. *see* Elsasser, M. 33518
Hensel, D. *see* Daree, K. 24432
Hensel, H.-J. *see* Kuhmann, J.F. 3405
Hensel, S.L. *see* Sekimoto, Y. 14602
Hensel, W., Beyer, H., Samman, A. Proof of safer operation of power station plant during a fire by linking in fire simulation and system technical analysis 60459
Hensen, J.L.M. *see* Clarke, J.A. 38301
Henshaw, G., Parkin, I.P., Shaw, G. Elemental, liquid ammonia facilitated relates to zinc, cadmium, mercury copper, silver and lead telluride 669
Henshaw, P.D. Stepper overlay performance measurements using the air turbulence compensated interferometer 2472
Henshaw, P.D., DeGloria, D.P. Atmospheric metrology using the air turbulence compensated interferometer 28623
Hensley, S. *see* Kim, Y. 8347
Hensley, S. *see* Rosen, P.A. 28607
Hensley, W.C. Integrated Helmet Audio/Visual System (IHAVS) flight test plan and data collection 18630
Hensley, W.H. *see* Bickel, D.L. 8366
Henson, C. Low voltage networks as a medium for data transmission 58093
Henson, T. *see* Ker-Li Shu 48687
Henson, V.E. *see* Briggs, W.L. 392
Henson, W.K. *see* Hames, G.A. 22576
Hentabli, K., Pinchon, D., Tarasiewicz, S. Robust design of predictive control. Application on electrical machine drives 61182
Hentabli, K., Pinchon, D., Tarasiewicz, S., Mauger, D. IMC/GPC control system: robust performance specifications for DC motors 60796
Henten, A., Skouby, K.E., Falch, R. European planning for an information society 25991
Henten, A., Wulff, T. Danish telecommunications: Keeping the policy options open 16145
Hentona, Y., Fujii, S. Precision evaluation of time service on Internet 6232
Hentschel, R.M., Brown, D.J.W., Piper, J.A. Mode beating effects in metal vapour lasers 55493
Hentschke, S. Digital stochastic magnetic-field detection 32872
Hentschke, S., Rohrer, S., Reifschneider, N. Stochastic magnetic field micro-sensor 17315
Henville, C.F., Mooney, J.B. Low level testing for protective relays 19385
Henwood, M.I. *see* Tao Guo 19527
Henz, J. *see* Kelling, C. 16096
Heo, D.-H., Parker, A., Ravikumar, C.P. Rapid synthesis of multi-chip systems 52969

Heo, Y.W. *see* Darveaux, R. 20884
Heo Ging *see* Ging Heo
Heo Sun-Cheol *see* Sun-Cheol Heo
Heon Ahn Joo *see* Joo Heon Ahn
Heon Cha Byung *see* Byung Heon Cha
Heon Kang Dong *see* Dong Heon Kang
Heon Phil Ha *see* Hyun Soo Shin 54133
Heon-Yong Lee *see* Jun-O Jeong 2587
Hepburn, D.M., Kemp, I.J., Richardson, R.T. Partial discharge stressing of filled epoxy resin surfaces 43569
Hepfer, K.C. *see* Horman, S.R. 27668
Hepher, M.J. *see* Wilson, L.W. 38113
Heping Dai *see* Idir, K. 19745
Heping Dai *see* Dai Heping
Hepp, A.F., Kumta, P.N., Sullivan, J.J., Fischman, G.S., Kaloyeros, A.E. *(editors)* Covalent Ceramics III - Science and Technology of Non-Oxides. Symposium 39520
Heppel, S. *see* Geng, C. 40459
Heppel, S. *see* Kuhn, J. 55661
Heppel, S. *see* Moritz, A. 55633
Heppel, U. *see* Gerblinger, J. 17340
Heppelmann, S. *see* Allison, W.W.M. 37269
Heppke, G., Kruerke, D., Muller, M., Bock, H. Investigations on electrooptical effects in chiral discotic columnar mesophases 44665
Heppke, G. *see* Contzen, J. 24303
Heppler, G.R. *see* Patnaik, B.R. 36515
Hepples, W., Clinch, M.R., Banks, D.M., Holroyd, N.J.H. The development of aluminium alloy AA7032 for high pressure gas cylinders 10938
Hepplewhite, L., Stonham, T.J. Texture classification using n-tuple pattern recognition 15530
Hepplewhite, L., Stonham, T.J. Unsupervised texture segmentation by Hebbian learnt cortical cells 15546
Hepplewhite, L., Stonham, T.J. N-tuple texture recognition and the zero crossing sketch 25535
Her, T.-H. *see* Glezer, E.N. 32993
Her, T.W. Pin assignment with timing consideration [VLSI] 13073
Her Yie-Shein *see* Yie-Shein Her
Heragu, K., Patel, J.H., Agrawal, V. SIGMA: A simulator for segment delay faults 11119
Herai, T. *see* Sasakawa, T. 45253
Heras, M.J.M.y.D.B. *see* Amor, M. 25183
Herault, J. *see* Brassart, N. 59854
Herault, L. *see* Boudet, T. 3544
Herben, M.H.A.J. *see* Touw, S.I.E. 14612
Herben, M.H.A.J. *see* van Houten, J.M. 34321
Herber, R., Richter, H., Carter, S., Hill, A., Pietzsch, J. Experiences with upgrading of passive optical networks using wavelength division multiplexing 16441
Herberholz, R., Carter, M.J. Investigation of the chalcogen interdiffusion in $CuIn(TeSe)_2$ thin films 39042
Herberholz, R. *see* Walter, T. 22278
Herbernholz, R., Walter, T., Muller, C., Friedlmeier, T., Schock, H.W., Saad, M., Lux-Steiner, M.C., Alberts, V. Meyer-Neldel behavior of deep level parameters in heterojunctions to $Cu(In,Ga)(S,Se)_2$ 12323
Herbert, D.C. *see* Dunn, G.M. 12873
Herbert, D.C. *see* Dunn, G.M. 42924
Herbert, D.C. *see* Plimmer, S.A. 2584
Herbert, M.S., Perryman, R. Condition monitoring for a vector controlled induction machine using frequency spectrum analysis 20120
Herbert, P.A.F. *see* Islam, M.S. 2225
Herbert, P.A.F. *see* Islam, M.S. 42249
Herbert, P.A.F. *see* Islam, M.S. 42271
Herbert, P.A.F. *see* Islam, M.S. 54270
Herbert, S.T., Markus, J., Hebboul, S.E., Garland, J.C. Collective response of $YBa_2Cu_3O_7$/Ag weak-link junction arrays 55119
Herbert, S.T. *see* Elhamri, S. 2213
Herberts, I. *see* Boves, L. 45682
Herbin, M. *see* Vautrot, P. 57507
Herbin, R. *see* Ferguson, J.R. 9531
Herbots, N. *see* Atluri, V. 12736
Herbots, N. *see* Barnett, J.M. 42462
Herbots, N. *see* Carpio, R.A. 42571
Herbots, N. *see* Jacobsson, H. 12311
Herbots, N. *see* Jacobsson, H. 40399
Herbst, D. *see* Springer, J. 16285
Herbst, J.D. Installation and commissioning of the 9 MJ range gun system 90 mm high L'laminated railgun 33897
Herbst, L., Rieger, W. Unique process visualization system for Schkopau power plant 50785
Herbst, T. *see* Michie, C. 17454
Herbst, W. *see* Bauer, S. 9549
Hercigonja-Szekeres, M., Faber, B., Kern, J. Rheoencephalography data analysis 37797
Hercigonja-Szekeres, M., Faber, B., Kern, J. Rheoencephalography signal processing 45783
Herczfeld, P.R. *see* Mullen, L. 6968
Herczfeld, P.R. *see* Romero, M.A. 21907
Herczfeld, P.R. *see* Vieira, A.J.C. 13704
Herczfeld, P.R. *see* Yang, C. 3573
Herczfeld, P.R. *see* Yang, G. 55373
Herd, A.R. *see* Park, D.G. 54663
Herd, J.S. *see* Steyskal, H. 4384
Herd, K. *see* King, C. 55085
Herd, K.G. *see* Lay, K.W. 60690
Herden, A. *see* Schrijver, C. 32732
Herder, J. *see* Amano, K. 27188
Herdey, C. *see* Ghodssi, R. 23064
Heredia, E.A., Arce, G.R. Piecewise Volterra filters based on the threshold decomposition operator 15374
Heredia-Lopez, F.J., Gongora-Alfaro, J.L., Alvarez-Cervera, F.J., Bata-Garcia, J.L. A PC-controlled voltage pulse generator for electroanalytical applications 48376
Heredos, F.P. *see* Doughty, R.L. 38730
Heremans, J.P. *see* Panaev, I.A. 12279
Heremans, P., Ayadi, K., Kuijk, M., Bickel, G., Vounckx, R., Borghs, G. Optoelectronic integrated receiver for inter-MCM and inter-chip optical interconnects 44317
Heremans, P. *see* Ayadi, K. 23706
Heremans, P. *see* Ayadi, K. 33313
Heremans, P. *see* Ayadi, K. 58379
Heremans, P. *see* Bickel, G. 13852
Heremans, P. *see* Bickel, G. 33256
Heremans, P. *see* Kirk, A. 55360
Herendi, T. *see* Grabner, P.J. 21079
Herezfeld, P.R. *see* Mullen, L.J. 27086
Herfort, J., Hirayama, Y. Transport in gated undoped $GaAs/Al_xGa_{1-x}As$ heterostructures in the high density and high mobility range 12325
Herfort, J., Takagaki, Y., Friedland, K.-J., Hey, R., Kostial, H., Ploog, K. Equilibration length of edge states in a $GaAs/In_yGa_{1-y}As/Al_xGa_{1-x}As$ quantum well 32036
Herfort, J., Takagaki, Y., Friedland, K.-J., Hey, R., Ploog, K., Takahara, J., Gamo, K. Temperature dependence of the bend resistance of composite fermions in narrow cross junctions 12471
Herfurth, M. *see* Bachofner, A. 12992
Hericks, J., Parise, M., Wier, J. Breaking down the barriers of cockpit metal in magnetic head tracking 18987
Herig, C., Houston, A. The value of customer preference [photovoltaics] 50846
Herig, C. *see* Wenger, H. 50826
Hering, B. *see* Schneider, P. 59775
Heritage, J.P. *see* Chu, K.C. 17838
Heritage, J.P. *see* Hong, M.Y. 55716
Herk, M.van *see* van Herk, M.
Herke, R. *see* Hansen, G. 59948
Herkert, J.R. Making connections: Engineering ethics on the World Wide Web 20712
Herkert, J.R. *see* Porter, R.L. 20654
Herko, S. *see* Snoeks, E. 52685
Herlach, D.M. *see* Li, D. 10584
Herlach, F. *see* Li, L. 55746
Herlach, F. *see* van Bockstal, L. 4208
Herlach, F. *see* van Bockstal, L. 7544
Herle, J.Van *see* Van Herle, J.
Herlemont, F. *see* Bernage, P. 23472
Herley, C., Ping Wah Wong Minimum rate sampling of signals with arbitrary frequency support 56489
Herley, C. *see* Natarajan, B. 56930
Herley, C. *see* Ping Wah Wong 46375
Herley, C. *see* Zixiang Xiong 34780
Herlin, I. *see* Berroir, J.-P. 5113
Herlin, I. *see* Berroir, J.P. 60009
Herlin, I.L. *see* Leroy, B. 5635
Herlin, I.L. *see* Yahia, H.M. 18897
Herman, B. *see* Periasamy, A. 7925
Herman, C., Schaller, H. Experimental investigation of fin performances for electronic cooling applications 30318
Herman, D.A., Jr. Micromagnetics and magnetic performance for MEMS microstructures–an overview 43377
Herman, D.A., Jr. *see* Romankiw, L.T. *(editor)* 39526
Herman, G.T. *see* Browne, J.A. 8000
Herman, J. Managing router networks: are we keeping pace? 57796
Herman, M. The fundamentals of H.324 desktop videoconferencing 26263
Herman, M. *see* Hongche Liu 5108
Herman, M.A. Problems of MBE growth of $Hg_{1-x}Cd_xTe$ alloys on GaAs substrates 692
Herman, M.A. Physical principles of ultrahigh vacuum atomic layer epitaxy 52691
Herman, M.A. *see* Sadowski, J.T. 52705
Herman, R. *see* Theron, D.R. 28911
Herman, S. *see* Perry, M.D. 14509
Herman, S. *see* Stuart, B.C. 44427
Hermand, J.-P., Gerstoft, P. Inversion of broadband multitone acoustic data from the YELLOW SHARK summer experiments 18862
Hermann, D.J. *see* Gorenflo, R.L. 18623
Hermann, J.A. Scintillation saturation range and air-to-ground laser hazard analysis 14243
Hermann, J.A. *see* Wedd, A.M. 14242
Hermann, K., Hilgenstock, J., Gaedke, K., Jeschke, H., Pirsch, P. A programmable processing element dedicated as building block for a large area integrated multiprocessor system 21738
Hermann, K.-H. *see* Daberkow, I. 36670
Hermann, R.H. *see* Back, B.B. 7832
Hermann, T. G^2 interpolation of free form curve networks by biquintic Gregory patches 10444
Hermann, T., Lukacs, G. A new insight into the G^n continuity of polynomial surfaces 565
Hermann, W. *see* Makovicka, C. 53909
Hermans, J. *see* Behet, M. 10690
Hermans, J. *see* Tuemmler, J. 52668
Hermans, L. *see* Sandini, G. 26072
Hermans, L. *see* Scheffer, D. 37888
Hermansen, R. *see* Zwolinski, M. 22032
Hermansen, R. *see* Zwolinski, M. 41634
Hermansky, H. *see* Avendano, C. 45674
Hermant, J.-F., Spuri, M. End-to-end response times in real-time distributed systems 25938
Hermel, W. *see* Klemm, H. 40670
Herment, A. *see* Pellot, C. 7880
Herment, A. *see* Sebbahi, A. 59486
Hermer, J.M. *see* Normant, E. 16936
Hermes, J.G. *see* Stern, H.P. 34069
Hermes, T. *see* Hilbk, U. 6754
Hermes, T. *see* Hilbk, U. 58332
Hermes, T. *see* Saniter, J. 58371
Hermes, Th. *see* Kreyss, J. 57335
Hermida, R. *see* Mendias, J.M. 52974
Hermida, R. *see* Moreno, R. 31054
Hermon, H., Schieber, M., Roth, M. Study of trapping levels in doped HgI_2 radiation detectors 37302
Hermon, H. *see* Schlesinger, T.E. 37554
Hermon, Z., Ben-Jacob, E., Schon, G. Dynamics of charge solitons in 1-D arrays of Josephson junctions 23406
Herms, A. *see* Gomez, J.M. 53336
Hermsdorf, D. *see* Dorschel, B. 59296
Herna, K. *see* Guntermann, H. 36716
Hernadez, C.L., Hosking, F.M. PWB solder wettability after simulated storage 1778
Hernandes, A.C. *see* Frejlich, J. 59028
Hernandez, A., Basset, O., Dautraix, I., Magnin, I., Favre, C., Gimenez, G. Stereoscopic visualization of 3D ultrasonic data for the diagnosis improvement of breast tumors 28129
Hernandez, A. *see* Gordon, L.B. 51082
Hernandez, A.C. *see* Medina, A. 19575
Hernandez, A.I., Carrault, G., Mora, F., Passariello, G., Hernandez, M.I. Data fusion in autonomic nervous system event detection 49610
Hernandez, B.A. *see* Rodriguez, M.A. 54948
Hernandez, C.L. *see* Hosking, F.M. 22061
Hernandez, C.L. *see* Hosking, F.M. 31628
Hernandez, D., Cussac, T., Ecoffet, R., Foliard, J., Thoby, M. Constellations for mobile satellite services, an overview 6700
Hernandez, D., Olalde, G., Beck, A., Gineste, J.-M., Py, J., Clement, M. Reflectometer and pyroreflectometer equipped with optical fibre probes for measurements in severe conditions 48611
Hernandez, D.Ramos *see* Ramos Hernandez, D.
Hernandez, E. *see* Dawson, J.W. 17461
Hernandez, F.E., Marcano O., A., Maillotte, H. Sensitivity of the total beam profile distortion Z-scan for the measurement of nonlinear refraction 27947
Hernandez, J.E. One company's guideline for hazardous area classification 30116
Hernandez, J.L., Rockett, A. Junction electroluminescence of $Cu(In,Ga)Se_2$ devices 39113
Hernandez, J.L. *see* Martin, J.M. 17393
Hernandez, L., Brazon, V., Allocca, B., Marcano, D. CAD for designing high frequency amplifiers 11195
Hernandez, L., de Melo, O., Melendez-Lira, M., Hernandez-Calderon, I. Cl doping of ZnSe films grown by molecular beam epitaxy 2311
Hernandez, L., Perez-Quintana, I., Martel, A. Modification of fundamental parameters in the silicon solar cells by current pulses 39043
Hernandez, L. *see* de Melo, O. 2007
Hernandez, L. *see* Lamela, H. 46271
Hernandez, L. *see* Pariente, F. 7443
Hernandez, M., Aguilar, C., Arau, J., Sebastian, J., Uceda, J. Comparative analysis of boost and buck-boost derived topologies used as power factor correctors 9346
Hernandez, M. *see* Garcia-Mazario, M. 29032
Hernandez, M. *see* Hu, A. 27630
Hernandez, M.A. *see* Ezquerro, J.A. 21118
Hernandez, M.A. *see* Mari, B. 31805
Hernandez, M.I. *see* Hernandez, A.I. 49610
Hernandez, O.Montero *see* Montero Hernandez, O.
Hernandez, P., de Francisco, C., Munoz, J.M., Iniguez, J., Torres, L., Zazo, M. Influence of sintering atmosphere on the magnetic after-effect in strontium ferrites 3161
Hernandez, P. *see* Alejos, O. 52398
Hernandez, V. *see* Claver, J.M. 602
Hernandez, W. Magnetic-field sensor based on a relaxation oscillator 27478
Hernandez, W. *see* Rodriguez, F. 21499
Hernandez Velez, M. *see* Garcia Poza, M.M. 10868
Hernandez-Avila, J.L. *see* Nur, M. 23156
Hernandez-Cabrera, A. *see* Aceituno, P. 32031
Hernandez-Calderon, I. *see* de Melo, O. 2005
Hernandez-Calderon, I. *see* Garcia-Rocha, M. 52707
Hernandez-Calderon, I. *see* Hernandez, L. 2311
Hernandez-Figueroa, H.E., Brandao, M.L. Efficient 3-D split-operator finite-element algorithm for scalar integrated optics 33087
Hernandez-Gomez, L. *see* De La Torre, C. 14996
Hernandez-Machado, A. *see* Gonzalez-Cinca, R. 30733
Hernandez-Pajares, M. *see* Juan, J.M. 45146
Hernandez-Valencia, E.J. Architectures for broadband residential IP services over CATV networks 35841

Hernandez-Valencia, E.J., Benmohamed, L., Nagarajan, R., Chong, S. Rate control algorithms for the ATM ABR service 35563
Hernando, A. *see* Gomez-Polo, C. 27506
Hernando, A. *see* Multigner, M. 3160
Hernando, A. *see* Sanchez, M.L. 3042
Hernando, B. *see* Tejedor, M. 3057
Hernando, B. *see* Tejedor, M. 23312
Hernando, J., Nadeu, C. Linear prediction of the one-sided autocorrelation sequence for noisy speech recognition 24841
Hernando, J., Nadeu, C., Marino, J.B. Speech recognition in a noisy car environment based on LP of the one-sided autocorrelation sequence and robust similarity measuring techniques 45686
Hernando, J.A. *see* Gomez-Cadenas, J.J. 37258
Hernando, M.M. *see* Sebastian, J. 51226
Hernanz, J., Martinez, L., Poveda, A., Fossas, E. Analysis of a sliding-mode controlled SEPIC converter 29382
Hernberg, R. *see* Joutsenoja, T. 59072
Herndon, R.C. *see* Erdos, P. 44969
Herne, R. *see* Vander Donckt, E. 7478
Herner, S.B., Jones, K.S., Gossmann, H.-J., Tung, R.T., Poate, J.M., Luftman, H.S. The effect of $TiSi_2$ film thickness and growth on the point defect perturbance in Si 54497
Herner, S.B., Krishnamoorthy, V., Jones, K.S. Point defect-dislocation loop behavior in Si with a $TiSi_2$ film 22439
Herng-Der Chiou *see* Tien-Yu Tom Lee 675
Hernla, M. Uncertainty of measurement and capability 17140
Hero, A., III. *see* Williams, W.J. 25268
Hero, A.O., Usman, M., Sauve, A.C., Fessler, J.A. Recursive algorithms for computing the Cramer-Rao bound 45759
Hero, A.O. *see* Sharfer, I. 26471
Hero, A.O., III *see* O'Neill, J.C. 57230
Hero, A.O., III *see* Titus, S.R. 59523
Herold, D. *see* Schmidt, H. 50156
Herold, G., Weindl, Ch. State space calculation of 6-pulse current converter bridges in steady-state 51129
Herold, W.D. *see* Adam, A. 37280
Herold-Schmidt, U. *see* Schaefer, W. 29625
Heron, J.P., Woods, R.F. Architectural strategies for implementing an image processing algorithm on XC6000 FPGA 15986
Heron, M.L., Prytz, A. Coherence scales for microwave Bragg scatter 50121
Heron, N.A., Bao, X., Webb, D.J., Jackson, D.A. Brillouin loss based distributed temperature sensor using a single source 48578
Heron, N.A., Webb, D.J., Jackson, D.A. Single ended Brillouin interaction based distributed sensor using a Faraday rotating mirror 48581
Herosian, G.E. Dual use military/commercial security applications for low-cost thermal imagers 48653
Herpel, H.-J., Ober, U., Glesner, M. Prototype generation of application specific embedded controllers for microsystems 11475
Herpel, H.-J. *see* Ober, U. 11145
Herpel, H.-J. *see* Zahm, U. 11313
Herpers, R., Sommer, G., Michaelis, M., Witta, L. Context based detection of keypoints and features in eye regions 5344
Herr, D. *see* MacDonald, B. 8677
Herr, J. *see* Reay, R. 31570
Herr, K.C. *see* Knudtson, J.T. 44168
Herr, W. Beam-beam effects in the LHC 17950
Herr, W. *see* Elsener, K. 49261
Herraez, M.A., Burton, D.R., Lalor, M.J., Clegg, D.B. Robust, simple, and fast algorithm for phase unwrapping 4988
Herraez, M.A., Burton, D.R., Lalor, M.J., Clegg, D.B. Robust unwrapper for two dimensional images 34990
Herre, O., Wendler, E., Achtziger, N., Licht, T., Reisloehner, U., Rueb, M., Bachmann, T., Wesch, W., Gaiduk, P.I., Komarov, F.F. Damage production in GaAs during MeV ion implantation 32121
Herregods, M.-C. *see* Bijnens, B. 18356
Herregods, M.-C. *see* De Man, B. 49526
Herrell, D. *see* Dolbear, T. 52221
Herrell, D. *see* Hashemi, H. 41704
Herremans, H., Grevendonk, W. Comparison of steady-state optical modulation spectra of B_2H_6-doped and $B(CH_3)_3$-doped a-Si(:C):H films 42006
Herrenden-Harker, W.G. *see* Griffiths, H. 18442
Herrenden-Harkerand, W. *see* Wei Zhang 13414
Herrendorfer, D., Patterson, C.H. Dipole waves in semiconductors: the dielectric function and plasma oscillations of silicon 41825
Herrera, A. Design of a course of random signals using MATLAB 20674
Herrera, A., Diaz, F., De La Fuente, M.L., Zamanillo, J.M., Mediavilla, A., Tazon, A., Artal, E., Garcia, J.L. RF front-end for V-SCADA communication networks 58240
Herrera, J. *see* Shah, R. 42525
Herrera, R. *see* Trushell, J. 30057
Herrera, R.E., Cain, J.T., Cape, E.G., Boyle, G.J. A high resolution ECG tool for detection of atrial and ventricular late potentials 49678
Herrera Perez, J.L. *see* Pal, U. 31825
Herrero, J. *see* Guillen, C. 51563
Herrero, J. *see* Martinez, M.A. 9544
Herrero, J. *see* Martinez, M.A. 41990
Herrero Martin, P., Perez Santos, S., Guttierez Conde, P.M. The simulation of novel devices using PSPICE 2562
Herreros, B., Lifante, G., Cusso, F., Kling, A., Soares, J.C., Da Silva, M.F., Townsend, P.D., Chandler, P.J. Structural and optical properties of rare-earth doped lithium niobate waveguides formed by MeV helium implantation 13666
Herreros, B., Lifante, G., Kling, A., Soares, J.C., da Silva, M.F., Townsend, P.D., Chandler, P.J., Olivares, J., Cabrera, J.M. RBS/channelling study of ion-implanted and proton-exchanged $LiNbO_3:Nd^{3+}$:MgO planar waveguides 13638
Herreros, E. *see* Schiller, E. 43987
Herres, N. *see* Wagner, J. 22415
Herres, N. *see* Wagner, J. 42131
Herres, N. *see* Wagner, J. 48671
Herriage, M.J., Kurland, R.M., Faust, C.D., Gaddy, E.M., Keys, D.J. EOS AM-1 GaAs/Ge flexible blanket solar array 18706
Herrick, D.L., Lee, P.K., Ledlow, L.L., Jr. Correlated frequency hopping–an improved approach to HF spread spectrum communications 58098
Herrick, K.J. *see* Weller, T.M. 53518
Herrigel, A. A security architecture for the core part of CS-2 26293
Herrin, D.W. Utility perspective on ozone reduction in the eastern US 28965
Herrin, E. *see* Dahlin, M.J. 18931
Herrin, S.A. *see* Boyd, M.A. 58633
Herring, C. *see* Heutmaker, M.S. 11194
Herring, G.C., Roberts, W.L., Brown, M.S., DeBarber, P.A. Temperature measurement: by degenerate four-wave mixing with strong absorption of the excitation beams 17853
Herring, J.R.H., Skinner, G.K. A germanium detector array ruggedised for launch in a coded mask space telescope 59203
Herring, R.J., Howard, P.E. Design and performance of the ULTRA 320×240 uncooled focal plane array and sensor 17485
Herring, S. INTERBUS–smart automation–open control 57843
Herrington, D.M. *see* Fan, L. 28302
Herrington, D.M. *see* Van Horn, M.H. 28304
Herrit, G.L., Scatena, D.J. Laser isolator mirrors cut workpiece backreflection 166
Herrlin, M.K. Economic benefits of energy savings associated with: (1) energy-efficient telecommunications equipment; and (2) appropriate environmental controls 51315
Herrmann, C. Discrete-time models for connection admission control (CAC) in ATM 5726
Herrmann, C. VBR video in ATM without frame-buffering: influence of a periodic correlation function on QOS parameters 5820
Herrmann, C., Wild, M. A polynomial algorithm for testing congruence modularity 575
Herrmann, C. *see* Du, Y. 47130
Herrmann, C.S. *see* Halgamuge, S.K. 34754
Herrmann, F. *see* Beyer, R. 43228
Herrmann, G., Liebhart, K.-H. Electric drive system for lifts in frequency-changer technology 51740
Herrmann, H. *see* Irgensen, H.E. 58480
Herrmann, H. *see* Schock, S.G. 50017
Herrmann, H. *see* Wehrmann, F. 44057
Herrmann, J., Kalosha, V.P., Muller, M. Higher-order phase dispersion in femtosecond Kerr-lens mode-locked solid-state lasers: sideband generation and pulse splitting 44426
Herrmann, J., Muller, M. Self-stabilization of coupled cavity mode locked lasers 24041
Herrmann, J. *see* Adam, A. 37280
Herrmann, J. *see* Crabtree, G.W. 55087
Herrmann, J. *see* Gatz, S. 4039
Herrmann, K., Pauza, A.J., Baudenbacher, F., Santiso, J.S., Moore, D.F. Electromigration effects in e-beam junctions 43819
Herrmann, K. *see* Hilgenstock, J. 41241
Herrmann, M., Mulansky, B., Schmidt, J.W. Scattered data interpolation subject to piecewise quadratic range restrictions 524
Herrmann, M., Yang, H.H. Perspectives and limitations of self-organizing maps in blind separation of source signals 34749
Herrmann, M. *see* Klemm, H. 40670
Herrmann, V.M. *see* Perman, W.H. 7928
Herrmann, W.M. *see* Winterer, G. 59700
Herrmannsfeldt, W.B., Lee, E.P. Accelerators and beam dynamics 59121
Herrmansson, B. *see* Oskar van Deventer, M. 26820
Herro, M.A. *see* Filbo, B.F.U. 34590
Herrold, E.M. *see* Lu, P. 37739
Herron, N. *see* Wang, Y. 33231
Herrtwich, R.G., Kappner, T. Network computers–ubiquitous computing or dumb multimedia? 57851
Hersch, R.D. *see* O'Regan, K. 56788
Herscovici, N. A new type of microstrip array fed by a purely TEM feed network 34433
Hersee, S.D. *see* Brown, J. 12541
Hersee, S.D. *see* Gingrich, H.S. 23975
Hersee, S.D. *see* Hua Li 23909
Hersee, S.D. *see* Lester, L.F. 2226
Hersee, S.D. *see* Ramer, J.C. 21275
Hersee, S.D. *see* Sandoval, S.G. 3919
Hersee, S.D. *see* Zhang, L. 12785
Hersee, S.D. *see* Zolper, J.C. 12674
Hersh, G. *see* Dean, J. 30134
Hershberg, E.L. *see* Hendricks, T.J. 43813
Hershberg, E.L. *see* Patelzick, D.L. 41561
Hershcovitch, A. *see* Palmer, R.B. 17966
Hershcovitz, M. *see* Imber, N. 54531
Hershey, J., Tiemann, J. Random parity coding (RPC) 4469
Hershey, J.E., Hoctor, R.T., Hassan, A.A. Modest but useful erasure technique for DPSK 24663
Hershey, J.E. *see* Al-Dhahir, N. 6674
Hershey, J.E. *see* Hassan, A.A. 14806
Hershfeld, M. *see* Gipprich, J. 53644
Hershkowitz, D. *see* Bar-Itzhack, I.Y. 39968
Hershkowitz, N., Breun, R.A., Sarfaty, M., Kirmse, K.H., Wendt, A.E. Several consequences of Ding's etch rate expression: ion beam etching, etch rate control and selectivity 12723
Hershkowitz, N. *see* Friedmann, J.B. 32078
Hershkowitz, N. *see* Quick, A.K. 17416
Hershkowitz, S.J. *see* Hauss, B.I. 28707
Herskovitz, D. The other SIGINT/ELINT 28721
Hertel, I.V. *see* Kittelmann, O. 33666
Hertel, P. *see* Lohmeyer, M. 23539
Hertel, P. *see* Shamonin, M. 33079
Hertl, M. *see* Doerk, T. 30872
Hertle, J. *see* Porter, C. 2414
Hertlein, W.G., Marabello, T., Ridler, T., Smith, R., Doubrava, J. Planning for implementation of positive liquid inner layer photoresists 11982
Hertling, D.R. *see* Laursen, K.G. 48835
Hertwig, A. *see* Hellebrand, S. 40985
Hertwig, M. Application of improved speckle contouring technique to surface roughness measurements 7625
Hertz, A. A colourful look on evolutionary techniques 30529
Hertz, H.M. *see* Malmqvist, L. 7851
Hertz, H.M. *see* Malmqvist, L. 42881
Hertz, M.I. *see* Finkelstein, S.M. 49375
Hertzbach, S. *see* Abe, K. 59233
Hertzbach, S. *see* Breidenbach, M. 37151
Hertzberg, T. Multilayer cooldown [PCB manufacture] 31626
Hertzler, C., Wollermann-Windgasse, R., Habich, U., Jarosch, U., Loosen, P. 30 kW fast axial flow CO_2 laser with RF excitation 13934
Hervas, L. *see* Bamberger, A. 7787
Hervas, L. *see* Bamberger, A. 37358
Herve, A. *see* Adam, A. 37280
Herve, A. *see* Lottin, J.C. 49316
Herve, A.J.A. Silicon-on-insulator 54307
Herve, J.-Y. *see* Beranger, V. 15528
Herve, P., Bettega, E., Wang, M.-X. A new control strategy of combined system of series active and shunt passive filters for minimising passive filter number 41307
Herve, P. *see* Chusseau, L. 2021
Herve, T., Truy, E., Durupt, I., Collet, L. A new stimulation strategy for recording electrical auditory evoked potentials in cochlear implant patients 18522
Hervo, J. *see* Desthieux, B.M. 6855
Herwig, H. *see* Beckert, K. 29884
Herwig, L.O. *see* Mitchell, R.L. 38652
Herz, K. *see* Heinrich, A. 31906
Herz, M. *see* Hartenstein, R.W. 41006
Herzberg, H., Saltzberg, B.R. Coding for a channel with quantization in the presence of an estimable interference 24670
Herzberger, J., Metzner, L. On the Q-order of convergence for coupled sequences arising in iterative numerical processes 560
Herzel, F., Heinemann, B., Cajewski, H. Small-signal analysis by means of transient excitations and its applications in bipolar transistor modeling 54603
Herzel, F., Schley, P., Heinemann, B., Zillmann, U., Knoll, D., Temmler, D., Erben, U. Experimental verification and numerical application of the thermodynamic approach to high-frequency noise in SiGe HBTs 42940
Herzel, H., Reuter, R. Biphonation in voice signals 28261
Herzer, G. Nanocrystalline soft magnetic materials 3055
Herzer, G. *see* Kuhrt, C. 3033
Herzig, H.-P. *see* Peter, Y.-A. 44381
Herzig, H.P. *see* Blattner, P. 17133
Herzig, H.P. *see* Nussbaum, P. 13779
Herzig, H.P. *see* Singer, W. 3531
Herzig, H.P. *see* Teijido, J.M. 3637
Herzig, H.P. *see* Volkel, R. 12846
Herzig, H.P. *see* Volkel, R. 42878
Herzig, M. *see* Inkol, R. 17730
Herzig, M. *see* Inkol, R.J. 15239
Herzinger, S. *see* Ganser, S. 41491
Herzog, H. *see* Lipinski, B. 49500
Herzog, H. *see* Wirrwar, A. 59464
Herzog, H.J., Tester, J.W., Frank, M.G. Economic analysis of heat mining 60566
Herzog, O. *see* Kreyss, J. 57335
Herzog, P. *see* Valeau, V. 48924
Herzog, T. *see* Muller, A. 34546
Herzog, T. *see* Wolter, K.-J. 20916
Herzog, U., Bergou, J.A. Non-Markovian dynamics of the micromaser due to discrete and continuous non-Poissonian pumping 33352
Herzog, U., Felipe, M., Dassonville, S., Bregant, G. Migrating IN towards TINA 26313
Herzog, W., Hasler, E.M., Leonard, T.R. In-situ calibration of the implantable force transducer 7874

Herzog, W.D., Singh, A.R., Moustakas, T.D., Goldberg, B.B., Ünlu, M.S. Photoluminescence microscopy of InGaN quantum wells 42128
Herzog, W.D., Unlu, M.S., Goldberg, B.B., Rhodes, G.H., Harder, C. Beam divergence and waist measurements of laser diodes by near-field scanning optical microscopy 33496
Herzog, W.D., Unlu, M.S., Goldberg, B.B., Rhodes, G.H., Harder, C. Near-field analysis of beam properties of InGaAs ridge lasers 55805
Hesany, V., Plant, W.J., Keller, W.C., Hayes, K. Observed space-time structure of radar backscatter from the ocean surface 8490
Hesany, V. *see* Plant, W.J. 18888
Hesany, V. *see* Weissman, D.E. 50111
Heschel, M., Mullenborn, M., Bouwstra, S. Fabrication and characterization of truly 3-D diffuser/nozzle microstructures in silicon 43387
Hesener, A. Implementing reconfigurable datapaths in FPGAs for adaptive filter design 11599
Heshu Zhao *see* Zhao Heshu
Hesjedal, T., Chilla, E., Frohlich, H.-J. Scanning acoustic force microscopy on interdigital transducers 28684
Hesjedal, T., Chilla, E., Frohlich, H.-J. High resolution visualization of acoustic wave fields within surface acoustic wave devices 50239
Heske, C., Richter, G., Zhonghui Chen, Fink, R., Umbach, E., Riedl, W., Karg, F. Influence of humidity on polycrystalline $Cu(In,Ga)Se_2$ thin films for solar cells: a study of Na and H_2O coadsorption 39080
Heske, C., Winkler, U., Neureiter, H., Sokolowski, M., Fink, R., Umbach, E., Jung, Ch., Bressler, P.R. Preparation and termination of well-defined CdTe(100) and Cd(Zn)Te(100) surfaces 42424
Hesketh, P.J. *see* Ji, J. 23044
Hesketh, P.J. *see* Lin, Y.-C. 23063
Hesketh, P.J. *see* Denton, D. *(editor)* 9841
Hesketh, T. *see* Chu Kwong Chak 51033
Hesketh, T.G. *see* Lewis, C.P. 48468
Hesketh, T.G. *see* Lewis, C.P. 49220
Heskote, Y.V. *see* Moundanos, D. 32507
Hesla, E. The Port Alice papers [power system load additions] 39463
Hesla, E. The BC hydro/port Alice utility intertie 39464
Hesla, E. *see* Guleserian, D. 39465
Hesler, J.L., Hall, W.R., Crowe, T.W., Weikle, R.M., II, Deaver, B.S., Jr, Bradley, R.F., Shing-Kuo Pan Fixed-tuned submillimeter wavelength waveguide mixers using planar Schottky-barrier diodes 53620
Heslop, P.S. *see* Walker, D.J. 49406
Hess, A., Scheich, H. Karhunen-Loeve-transformation of functional optical imaging of brain activity–consequences and implications 59512
Hess, C., Weiland, L.H. Issues on the size and outline of killer defects and their influence on yield modeling 32522
Hess, C., Weiland, L.H., Lau, G., Hiller, R. Correlation between particle defects and electrical faults determined with laser scattering systems and digital measurements on checkerboard test structures 39889
Hess, C.F. *see* Kortmann, R.D. 8090
Hess, C.P., Hong Jiang, Hanson, J.M., Zhi-Pei Liang A software system for interactive MR signal processing 59496
Hess, C.W. *see* Felblinger, T. 7956
Hess, D., Klem, S., Grobelny, J.M. Using in situ particle monitoring to optimize cleaning bath performance 54375
Hess, D.W. *see* Bakker, G.L. 42478
Hess, D.W. *see* George, M.A. 42467
Hess, G.T. *see* Sanders, T.J. 145
Hess, J. Advantages and performance limits of inductive components for quasi-resonant DC/DC converters 21491
Hess, J. Quasi-resonant RF DC/DC converters: fast switching with planar transformers 31104
Hess, J. *see* Brakus, B. 19880
Hess, J. *see* Brakus, B. 31116
Hess, K. *see* Grupen, M. 33501
Hess, K. *see* Kizilyalli, I.C. 32421
Hess, K. *see* Kizilyalli, L.C. 2685
Hess, M. *see* Vasak, J. 31083
Hess, N. *see* Norkus, V. 17490
Hess, P. *see* Barth, M. 21361
Hess, P. *see* Jie Zhang 30808
Hess, P. *see* Knobloch, J. 21329
Hess, P. *see* Knobloch, J. 21358
Hess, R. *see* Leuthold, J. 16665
Hess, W. New developments in speech synthesis 34675
Hessberger, F.P. *see* Saro, S. 37275
Hesse, D. *see* Kopperschmidt, P. 43753
Hesse, E., Driesel, W., Dietzsch, C., Bischoff, L., Teichert, J. Shape of a Co-Nd liquid alloy ion source 7779
Hesse, H. *see* van Stevendaal, U. 3579
Hesse, J.J., Diener, G. The influence of a low-impedance environment on transport in a NSS-transistor 55113
Hesselbach, X., Sallent, S. A compatible ATM-DQDB interconnection in a broadband multi-internetworking unit 46755
Hesselink, L. *see* Bashaw, M.C. 4139
Hesselink, L. *see* Downing, E. 17714
Hesselink, L. *see* Downing, E.A. 7500
Hesselink, L. *see* Erdei, S. 3394
Hesselink, L. *see* Erdei, S. 23479
Hesselink, L. *see* Galambos, L. 3393
Hesselink, L. *see* Gurkan, K. 3345
Hesselink, L. *see* Lande, D. 3353
Hesselink, L. *see* Lande, D. 4134
Hesselink, L. *see* Liu, A.Y. 13555
Hesselink, L. *see* Liu, A.Y. 33741
Hesselink, L. *see* Smith, S.L. 14456
Hesselink, L. *see* Smith, S.L. 44064
Hessenmuller, H. Access network options for interactive video and multimedia services 58031
Hessenmuller, H., Bordewisch, R., Elbert, H., Enssle, J., Frank, M., Gremmelmaier, U., Gruber, M., Lehmann, E., Martin, H., Quecke, U., Seifert, G., Theimer, T. The European project AMUSE-HFC field trials in Munich 58029
Hessenmuller, H. *see* Von Der Straten, G. 58001
Hesser, J. *see* Beiersdorfer, S. 10398
Hessing, T. *see* Bauer, C. 37326
Hessing, T. *see* Bauer, C. 37378
Hessler, C. *see* Verdun, F.R. 7893
Hessler, T. *see* Letourneau, P. 9861
Hessmer, R. *see* Geier, S. 40437
Hester, S., Bigger, J., Durand, K., Serfass, J. Status and interim results from the TEAM-UP grid-connected applications program [PV power systems] 50843
Hester, S. *see* Bigger, J. 38658
Hester, S. *see* Durand, K. 50836
Hester, S.H. *see* Roemer, M.J. 29239
Hestermann, H. *see* Barthlein, W. 9745
Hestnes, B., Bakke, J.W. Distance education in the electronic classroom 47247
Hesto, P. *see* Dollfus, P. 2664
Heszler, P. *see* Nyberg, T. 40608
Hetherington, D. *see* Stein, D. 2410
Hetherington, D.L. *see* Strausser, Y.E. 22596
Hethuin, S. *see* Chelouche, N. 26130
Heting Ma *see* Ma Heting
Hetkamp, H. *see* Osterholt, A. 9421
Hetling, K., Saulnier, G., Das, P. Spreading codes for wireless spread spectrum communications 6452
Hetong Guo *see* Zidong Wei 9533
Hetong Guo *see* Zidong Wei 29602
Hetrick, J.M. *see* Rigakis, N. 33242
Hetrick, S.J., Jaeger, M.A., McAndrews, C.M. Making as-built engineering data available plantwide: SONGS nuclear consolidated database project 19482
Hetschold, T. *see* Gehrke, M. 5997
Hetschold, T. *see* Gehrke, M. 6221
Hett, A. *see* Drechsler, R. 53199
Hettasch, R. Mobile radio technology for a private network operator 16630
Hetterich, M. *see* Woggon, U. 32037
Hettinger, L.J., Brickman, B.J., Roe, M.M., Nelson, W.T., Haas, M.W. Effects of virtually-augmented fighter cockpit displays on pilot performance, workload, and situation awareness 59935
Hettinger, L.J. *see* Kennedy, R.S. 59871
Hettrick, D.A., Battocletti, J.H., Ackmann, J.J., Linehan, J.H., Warltier, D.C. In vitro and finite-element model investigation of the conductance technique for measurement of aortic segmental volume 28320
Hetyei, G. On the cd-variation polynomials of Andre and Simsun permutations 562
Hetz, H. *see* Graham, D. 26301
Hetzel, D. *see* Davis, J.A. 36360
Hetzel, F.W. *see* Qun Chen 28411
Hetzel, P., Polewka, T., Soring, A., Metzger, R. Time from European time keeping laboratories via telephone modem 36938
Hetzler, J. *see* Wehner, M.U. 44713
Hetzler, K.T. *see* Hur, K.Y. 32443
Hetzmannseder, E., Rieder, W. Arc mobility on bouncing contacts 11822
Heuberger, A., Brunger, W. Recent contributions to the development of non-optical lithography 12833
Heuberger, A. *see* Pflaum, A. 26222
Heuberger, A. *see* Pflaum, A. 26499
Heuberger, A. *see* Pflaum, A. 55986
Heubi, A., Balsiger, P., Pellandini, F. Micro power "relative precision" 13 bits cyclic RSD A/D converter 11532
Heubi, A. *see* Grisoni, L. 11531
Heuer, A. *see* Ostermayer, M. 30190
Heui-Wook Kim, Jung-Won Kim, Seung-Ki Sul Thrust ripple free control of cylindrical linear synchronous motor using finite element method 29344
Heui-Wook Kim *see* Jong-Woo Choi 50935
Heui-Wook Kim *see* Seok-Joon Hong 51666
Heuk Park, Wol-Yon Hwang, Jang-Joo Kim DC drift in electro-optic polymer waveguide 23582
Heuken, M., Soellner, J., Taudt, W., Lampe, S., Hamadeh, H. Metalorganic chemical vapor epitaxy and doping of ZnMgSSe heterostructures for blue emitting devices 40319
Heuken, M. *see* Boemare, C. 22314
Heuken, M. *see* Gurskii, A.L. 22364
Heuken, M. *see* Gurskii, A.L. 40476
Heuken, M. *see* Proesch, G. 40477
Heuken, M. *see* Schneider, A. 52667
Heuken, M. *see* Taudt, W. 40469
Heuken, M. *see* Taudt, W. 40588
Heuken, M. *see* von Eichel-Streiber, C. 54357
Heuken, M. *see* Yablonskii, G.P. 55601
Heumann, E., Moebert, P., Huber, G. Intracavity frequency doubled Yb,Er:$LiYF_4$ upconversion pumped laser at 617 nm 4078
Heumann, E. *see* Heine, F. 3797
Heumann, E. *see* Mikhailov, V.A. 44402
Heumann, K. *see* Aredes, M. 41309
Heumann, K. *see* Aredes, M. 51139
Heumann, K. *see* Hafner, J. 38331
Heun, S., Paggel, J.J., Sorba, L., Rubini, S., Franciosi, A., Bonard, J.-M., Ganiere, J.-D. Interface composition and stacking fault density in II-VI/III-V heterostructures 22318
Heun, S. *see* Bonard, J.-M. 54167
Heunen, W.J.C. *see* Graafsma, H. 7841
Heung Bum Kim *see* Kwang Il Park 52951
Heung Chang Soon *see* Soon Heung Chang
Heung Jin Joo *see* Byung Gyu Chae 23176
Heung Jin Joo *see* Yong Suk Yang 23177
Heung Jo Jae *see* Jae Heung Jo
Heung Ro Choo *see* Beom-hoan O 23977
Heung Ro Choo *see* Beom-Hoan O 24016
Heung Ro Choo *see* Chongdae Park 23906
Heung Ro Choo *see* Hye-Rim Kim 32650
Heung Ro Choo *see* Seong-Su Park 3838
Heung Won Park *see* Dohyoung Chung 8258
Heung-Jae Lee, Young-Moon Park A restoration aid expert system for distribution substations 9455
Heung-Jae Lee, Young-Moon Park, Jong-Keun Park Investigation of effective topology representation for substations 9445
Heung-Kyu Lee *see* Gun-Han Park 26366
Heung-Kyu Lee *see* Hwang-Seok Oh 15949
Heung-Kyu Lee *see* Yunju Baek 15948
Heung-Moon Choi *see* Bong-Hwan Kim 24679
Heung-Moon Choi *see* Chang-Joon Park 25351
Heung-Moon Choi *see* Chang-Joon Park 57167
Heung-Moon Choi *see* Dong-Hoon Han 25349
Heung-Moon Choi *see* Joon-Hyung Jeon 4949
Heung-Moon Choi *see* Kye-Kyung Kim 57173
Heung-Moon Choi *see* Tae-Yong Kim 25331
Heung-Moon Choi *see* Tae-Yong Kim 57170
Heunis, A.J. *see* Pezeshki-Esfahani, H. 34516
Heupke, W. *see* Bieser, F. 59307
Heusch, C.A., Cuypers, F. Physics with like-sign muon beams in a TeV muon collider 7743
Heusdens, R. *see* Hekstra, G.J. 25269
Heuser, J.M. *see* Becks, K.H. 59228
Heussner, R.W. *see* Cooley, L.D. 55091
Heute, U. *see* Hossen, A. 34687
Heutmaker, M.S., Wu, E., Herring, C., Welch, J.R. Using digitally-modulated signals to measure the gain compression and phase distortion of a radio frequency amplifier 11194
Heutte, L., Moreau, J.V., Paquet, T., Lecourtier, Y., Olivier, C. Combining structural and statistical features for the recognition of handwritten characters 5368
Heutte, L. *see* Pereira, P. 5599
Heuvel, F.Van Den *see* Van Den Heuvel, F.
Heuvel, K.van den *see* van den Heuvel, K.
Heuveln, F.H.Van *see* Van Heuveln, F.H.
Hewak, D. *see* Pruneri, V. 24134
Hewak, D.W. *see* Hector, J.R. 44385
Hewak, D.W. *see* Schweizer, T. 44379
Hewer, G., Kenney, C., Manjunath, B.S. Image segmentation via functionals based on boundary functions 56990
Hewes, K. *see* Misra, S. 40572
Hewett, C.A. *see* Guan, Z.F. 22436
Hewett, R.J. *see* Bo, Z.Q. 19420
Hewett, R.J. *see* Bo, Z.Q. 19430
Hewett, W. *see* Mayfield, A. 10021
Hewit, J. Mechatronics design–the key to performance enhancement 30129
Hewitt, J., Bearne, M. Access to higher education and disability awareness–a networked information service 6325
Hewitt, J. *see* Haugh, D. 24398
Hewitt, J.N. *see* Katz, C.A. 58518
Hewitt, K. City Workplace 35537
Hewitt, R. *see* Eastman, C. 25684
Hewitt, R.W.S. Is your training scheme accredited? 20452
Hewlett, S.J., Love, J.D., Meltz, G., Bailey, T.J., Morey, W.W. Coupling characteristics of photo-induced Bragg gratings in depressed- and matched-cladding fibre 3368
Hewlett, S.J. *see* Logue, F.P. 31970
Hey, J. Information professionals as intelligent agents–or when is a knowbot only a robot? 58021
Hey, P. *see* Achutharaman, R. 12804
Hey, P. *see* Pas, M.F. 42446
Hey, R. *see* Friedland, K.-J. 12386
Hey, R. *see* Heiliger, H.-M. 10677
Hey, R. *see* Heiliger, H.-M. 53525
Hey, R. *see* Herfort, J. 12471
Hey, R. *see* Herfort, J. 32036
Hey, R. *see* Kastrup, J. 42173
Hey, R. *see* Martini, R. 22410
Hey, R. *see* Mazuelas, A. 55709
Hey, R. *see* Ramsteiner, M. 42219
Heyd, B. *see* Cregut, P. 57594
Heydar, H. *see* Bouzari, H. 34231
Heyde, C. *see* Buchhave, P. 14440
Heyde, E.C. Sensitivity of bandpass filters using recirculating delay-line structures 15756
Heyde, E.C. General noise analysis of recirculating delay line structures 27601
Heydeman, J. An instructional power systems laboratory 60241

Heydemann, V.D., Schulze, N., Barrett, D.L., Pensl, G. Growth of 6H and 4H silicon carbide single crystals by the modified Lely process utilizing a dual-seed crystal method 10618
Heyden, A. Reconstruction and prediction from three images of uncalibrated cameras 15722
Heyden, A. On the consistency of line-drawings, obtained by projections of piecewise planar objects 15849
Heyden, A., Astrom, K. Euclidean reconstruction from constant intrinsic parameters 5088
Heyden, A., Rohr, K. Evaluation of corner extraction schemes using invariance methods 5315
Heyden, A. *see* Astrom, K. 5350
Heyden, A. *see* Astrom, K. 5387
Heyden, J. *see* Ohtsuki, T. 33442
Heydenreich, J. *see* Edelman, F. 12307
Heydenreich, J. *see* Ledentsov, N.N. 2177
Heydon, G.P. *see* Valera, M.S. 3255
Heydt, G.T., Galli, A.W. Transient power quality problems analyzed using wavelets 50336
Heydt, G.T., Gunther, E. Post-measurement processing of electric power quality data 8981
Heydt, G.T., Gunther, E. Postprocessing of electric power quality data 50649
Heydt, G.T., Jun, J. Rapid calculation of the periodic steady state for electronically switched, time varying power system loads 8884
Heydt, G.T. *see* Arseneau, R. 38440
Heyer, G. *see* Opila, R.L. 33048
Heygster, G.C. *see* Thomas, C.H. 8497
Heying, B. *see* Wu, X.H. 31803
Heylen, A.E.D. *see* Guile, A.E. 53896
Heyman, E. *see* Melamed, T. 56002
Heyman, E. *see* Oz, J. 14598
Heyman, E. *see* Oz, J. 34021
Heyman, J.N. *see* Unterrainer, K. 2199
Heymann, P., Wiatr, W. Measuring noise parameters of two-ports with spectrum analyzer FSM 48862
Heymsfield, G.M. *see* Bidwell, S.W. 8436
Heynes, M.M. *see* Mouche, L. 32328
Heyns, M.M. *see* Elsmore, C. 42464
Heyns, M.M. *see* Hurd, T.Q. 42560
Heyns, M.M. *see* Meuris, M. 42475
Heyns, M.M. *see* Rotondaro, A.L.P. 42479
Heyns, M.M. *see* Schmidt, H.F. 42477
Heyns, M.M. *see* Teerlinck, I. 1987
Heyns, M.M. *see* Teerlinck, I. 2363
Heyns, M.M. *see* Teerlinck, I. 42561
Heyu Wu *see* Wu Heyu
Heyu Zhong *see* Peizhen Deng 10669
Heywood, J. An engineering approach to teaching decision-making skills in schools using an engineering heuristic 20471
Heywood, J. Improving engineering teaching through classroom research 20693
Heywood, J. *see* Kelly, D.T. 20521
Heywood, P. Ouch! [ISDN] 16358
Heywood, P. Besting the West? [East German banking network] 26093
Heywood, P., Jander, M., Roberts, E., Saunders, S. Standards: the inside story 46884
Hezar, R., Madisetti, V.K. Low-power digital filter implementations using ternary coefficients 34742
Hezar, R. *see* Egolf, T. 31055
Hezel, R. *see* Aberle, A.G. 39085
Hezel, R. *see* Aberle, A.G. 51604
Hezel, R. *see* Grauvogl, M. 39199
Hezel, R. *see* Hubner, A. 39209
Hezel, R. *see* Hubner, A. 51565
Hezel, R. *see* Kuhlmann, B. 39210
Hezel, R. *see* Lauinger, T. 39195
Hezel, R. *see* Schmidt, J. 39194
Hezel, R. *see* Verbeek, M. 39216
Hezhong Ma *see* Ma Hezhong
Hfuda, M. *see* Sidhu, T.S. 19384
Hi Chang Kyung *see* Kyung Hi Chang
Hi Lee Dong *see* Dong Hi Lee
Hi Lee Yun *see* Yun Hi Lee
Hi Yoo Sun *see* Sun Hi Yoo
Hi-Deok Lee, Jae-Kwan Kim, Hoon-Ju Chung, Chul-Hi Han A method to etch through silicon wafer with self-aligned property for silicon micromachining and characterization of its etching mechanism 43382
Hiang Cheng Tee *see* Cheng Tee Hiang
Hianik, T. *see* Ottova-Leitmannova, A. 7438
Hiatt, F. *see* Muscat, A.J. 42570
Hiatt, R. *see* McAfee, A. 40574
Hiawatsch, F. *see* Bolcskei, H. 45881
Hibbs, M. *see* Reynolds, J.A. 22690
Hibbs-Brenner, M. *see* Morgan, R.A. 47953
Hibbs-Brenner, M. *see* Thornton, R.L. 3903
Hiberli, A. *see* Baltes, H. 43407
Hibiki, T. *see* Mishima, K. 9044
Hibino, H. *see* Ogino, T. 12170
Hibino, H. *see* Ogino, T. 22400
Hibino, K., Oreb, B.F., Farrant, D.I., Larkin, K.G. Phase-shifting algorithms for nonlinear and spatially nonuniform phase shifts 59052
Hibino, M. *see* Tanaka, S. 10687
Hibino, T., Ushiki, K., Kuwahara, Y. New concept for simplifying SOFC system 38958
Hibino, T., Ushiki, K., Kuwahara, Y. Electrochemical oxygen pump using CeO_2-based solid electrolyte for NOx detection independent of O_2 concentration 58879
Hibino, T. *see* Asano, K. 51531
Hibino, Y. *see* Fukuda, M. 3840
Hibino, Y. *see* Hanafusa, H. 33108
Hibino, Y. *see* Uchida, N. 26913
Hibino, Y. *see* Yanagisawa, M. 58329
Hichri, H. *see* McCandless, B.E. 39061
Hichri, H. *see* Orbey, N. 30951
Hick, S.R. *see* Roggeman, M.C. 54853
Hicken, E.F., von Lensa, W. European BWR R&D Cluster for innovative passive safety systems 19484
Hickernell, F. *see* Mang, L. 11695
Hickernell, F.J. Quadrature error bounds with applications to lattice rules 608
Hickernell, F.J. The mean square discrepancy of randomized nets 40206
Hickernell, F.J., Yue, R.X., Hickernell, F.S. Statistical modeling for the optimal deposition of sputtered piezoelectric films 10859
Hickernell, F.S., Knuth, H.D., Dablemont, R.C., Hickernell, T.S. The surface acoustic wave propagation characteristics of 41° lithium niobate with thin-film SiO_2 13384
Hickernell, F.S. *see* Hickernell, F.J. 10859
Hickernell, T.S. *see* Hickernell, F.S. 13384
Hickey, E. *see* O'Hare, N.J. 7891
Hickey, L.M.B., Wilkinson, J.S. Titanium diffused waveguides in sapphire 13636
Hickey, M.T. Modular motor driver provides thermal and reliability advantages 60647
Hickey, P.R. *see* Helmers, S.L. 59639
Hickman, D. *see* Smith, M. 36690
Hickman, J. *see* Zwolinski, M. 22032
Hickman, J. *see* Zwolinski, M. 41634
Hickman, R. *see* Van Hove, J.M. 52686
Hickman, T., Eckert, P., Lepley, T. A competition of tracking photovoltaic systems in a southwestern electric utility transmission and distribution application 50822
Hickman, T. *see* Shugar, D.S. 51595
Hickmann, J.M. *see* de Araujo, M.T. 33659
Hickmann, J.M. *see* Fonseca, E.J.S. 13670
Hicks, L.D., Harman, T.C., Sun, X., Dresselhaus, M.S. Experimental study of the effect of quantum-well structures on the thermoelectric figure of merit 32044
Hicks, M., Reeve, C.D. Acousto-optic system for frequency and phase demodulation 7237
Hicks, M.R. *see* Alfultis, M.A. 100
Hicks, P.J. *see* Hatfield, J.V. 18132
Hicks, R. A new architecture for high efficiency AMLCDs 17624
Hicks, R.F. *see* Adamson, S.D. 772
Hicks, S.E., Murad, S.K., Sturrock, I., Wilkinson, C.D.W. Improving the resistance of PECVD silicon nitride to dry etching using an oxygen plasma 42494
Hicks, T.J. *see* Foss, J.F. 17252
Hicks, W.T. An analysis of various digital filter types for use as matched pre-sample filters in data encoders 1615
Hicks, W.T. In-flight data reduction for reduced bandwidth transmission 8233
Hickson, B.J. *see* Lefrancois, M.E. 22498
Hida, E. *see* Hide-Aki Saito 35077
Hida, H. *see* Maeda, T. 2842
Hida, H. *see* Matsuno, N. 32563
Hida, Y., Ooba, N., Yoshimura, R., Watanabe, T., Hikita, M., Kurihara, T. Influence of humidity on transmission in a Y-branch thermo-optic switch composed of deuterated fluoromethacrylate polymer waveguides 44035
Hidai, T. *see* Gampell, D. 61234
Hidaka, H. *see* Furutani, K. 1393
Hidaka, H. *see* Furutani, K. 53299
Hidaka, I. *see* Yonezawa, T. 51379
Hidaka, J. *see* Arai, T. 40328
Hidaka, J. *see* Arai, T.T. 836
Hidaka, M. *see* Horinouchi, K. 38895
Hidalgo, F.Perez *see* Perez Hidalgo, F.
Hidalgo, I. *see* Sanchez, P. 31241
Hidalgo, J.I. *see* Lanchares, J. 31223
Hidalgo, S. *see* Flores, D. 12913
Hidalgo, S. *see* Flores, D. 42974
Hidalgo, S. *see* Flores, D. 42978
Hidalgo, S. *see* Godignon, P. 22805
Hiday-Johnston, L.A., Howell, K.C. Impulsive time-free transfers between halo orbits 49847
Hide, F., Diaz-Garcia, M.A., Schwartz, B.J., Andersson, M.R., Qibing Pei, Heeger, A.J. Semiconducting polymers: a new class of solid-state laser materials 3772
Hide, I. *see* Fukatsu, A. 39201
Hide, I. *see* Ishikawa, N. 38655
Hide-Aki Saito, Hida, E., Kurachi, Y., Ohno, H., Odajima, K., Tsukada, M. Psychophysical and neural responses to visual flow composed of two directional moving components 35077
Hideaki Nakane *see* Zhien Wang 50040
Hideshima, S. *see* Adan, A.O. 43318
Hidetoshi, T., Kayoko, I., Masayoshi, I., Tsutomu, I. Development of diagnostic system for steelcord conveyor belt 29824
Hidiroglu, A. *see* Kruger, L. 51003
Hie Kim Soung *see* Soung Hie Kim
Hieda, M. *see* Kato, H. 7061
Hiei, F. *see* Logue, F.P. 23984
Hiei, Y., Ishihara, T., Takita, Y. Partial oxidation of methane for internally reformed solid oxide fuel cell 29628
Hieinzl, J. *see* Kellermann, H. 60819
Hieke, K. *see* Wesstrom, J.-O.J. 43155
Hiemstra, D.M. Dose rate and total dose 1/f noise performance of GaAs heterojunction bipolar transistors 22791
Hiemstra, D.M. Dose rate and total dose noise performance of a commercial off the shelf dielectrically isolated JFET operational amplifier during irradiation 40941
Hiep Pham Hu *see* Granier, H. 22767
Hierholzer, M. *see* Brunner, H. 40882
Hierholzer, M. *see* Gerstenmaier, Y.C. 43037
Hierlemann, A. *see* Marco, S. 17583
Hierlemann, A. *see* Zhou, R. 17589
Hiernaut, J.P. *see* Capone, F. 19485
Hierold, C. *see* Kozlowski, F. 13171
Hierold, C. *see* Scheiter, T. 12613
Hierro, A. *see* Rojo, G. 43891
Hiesgen, R. *see* Altosaar, M. 39092
Hieslmair, H., McHugo, S., Weber, E.R. Aluminum backside segregation 32250
Hieslmair, H. *see* McHugo, S.A. 42351
Hietala, V.M. *see* Baca, A.G. 22885
Hietala, V.M. *see* Fritz, I.J. 33122
Hietala, V.M. *see* Shawn-Yu Lin 3532
Hietala, V.M. *see* Vawter, G.A. 33130
Hietala, V.M. *see* Zolper, J.C. 32452
Hietanen, J. Capacitive ultrasonic transducers: their parameters and testing 28685
Hietpas, S.M. *see* Tejwani, U.K. 28758
Hiett, M. *see* Novak, L.M. 28716
Hifumi, T. *see* Saitoh, K. 32293
Higa, A., Hatta, A., Ito, T., Toguchi, M., Hiraki, A. High-rate synthesis of highly oriented diamond films on silicon by DC arc plasma jet CVD 40512
Higa, H. *see* Hoshimiya, N. 59810
Higa, K., Asano, T. Fabrication of single-crystal Si microstructures by anodization 32575
Higa, K. *see* Au, G. 47243
Higa, S. *see* Furuhashi, H. 41695
Higa, S. *see* Uezato, K. 38306
Higa, S. *see* Watanabe, S. 40666
Higa, Y., Ochi, H., Kinjo, S. A subband adaptive filter with a variable analysis filter bank 4817
Higa, Y., Ochi, H., Kinjo, S. A subband adaptive filter with a variable analysis filter bank 15395
Higahi, N. *see* Hosoyama, K. 49159
Higahi, N. *see* Hosoyama, K. 49160
Higaki, H., Takizawa, M. Group communication protocol for flexible distributed systems 57653
Higaki, K. *see* Shikata, S. 13376
Higaki, M. *see* Shinano, Y. 489
Higaki, N. *see* Kamiyama, H. 41250
Higami, Y., Kajihara, S., Kinoshita, K. Partially parallel scan chain for test length reduction by using retiming technique 53125
Higasa, H. *see* Kawamura, A. 29753
Higashi, A. *see* Fujioka, H. 32506
Higashi, E. *see* Ohashi, S. 61262
Higashi, K. *see* Adan, A.O. 22815
Higashi, K. *see* Adan, A.O. 22970
Higashi, K. *see* Adan, A.O. 43318
Higashi, K. *see* Ohashi, S. 9643
Higashi, K. *see* Otani, H. 53842
Higashi, K. *see* Tsukahara, N. 12019
Higashi, M. *see* Neba, Y. 19631
Higashi, N. *see* Morita, Y. 43846
Higashi, R. *see* Cole, B. 28506
Higashi, T., Yamamoto, T., Kubota, S., Ogita, S. Experimental analysis of characteristic temperature in quantum-well semiconductor lasers 44581
Higashi, T., Yamamoto, T., Ogita, S. Temperature sensitivity of oscillation wavelength in 1.3 μm-GaInAsP/InP quantum-well semiconductor lasers 58323
Higashi, T. *see* Chijimatsu, T. 2458
Higashi, T. *see* Kurakake, H. 55606
Higashi, T. *see* Yamamoto, T. 26778
Higashi, T. *see* Yonekura, Y. 59475
Higashi, Y. *see* Higo, T. 49194
Higashi, Y. *see* Mieno, Y. 29254
Higashi, Y. *see* Miller, R.H. 49048
Higashiguchi, M. *see* Hashimoto, H. 15488
Higashiguchi, M. *see* Hashimoto, H. 46190
Higashihara, T. *see* Fujie, J. 39296
Higashii, T. *see* Kamimura, S. 44320
Higashikawa, I. *see* Kyoh, S. 22641
Higashikawa, I. *see* Murooka, K. 30935
Higashikawa, I. *see* Nakamura, H. 22692
Higashikawa, I. *see* Nakamura, H. 22710
Higashikawa, K. *see* Kurata, K. 26914
Higashikubo, M. *see* Takeuchi, K. 58835
Higashikubo, T., Kuzushita, H., Wada, M., Takai, T., Yamamoto, T., Matsuda, N. Development of coaxial cable with foaming fluoropolymer 16519
Higashimori, Y. *see* Takahashi, H. 38414
Higashimura, M. *see* Kuwamura, K. 20188
Higashimura, M. *see* Tsukutani, T. 41306
Higashino, T. *see* Kitajima, A. 11404
Higashioka, I. *see* Ohka, M. 27472
Higashisaka, S. *see* Wada, S. 39390
Higashitani, K. *see* Watanabe, H. 54649
Higashiyama, K. SPICE simulation of variant class H hybrid power module 17112
Higashiyama, K. *see* Okada, M. 43763
Higashiyama, T. *see* Nakagawa, M. 5606
Higashiyama, Y., Yamanaka, K., Asano, K. Analysis of the behavior of ions produced by pulsed corona discharge 55962
Higashiyama, Y. *see* Asano, K. 33853
Higeukon, Y. Radio communication systems to ships 26557

Higgins, J.A. *see* Khan, M.A. 13026
Higgins, J.A. *see* Wei, C.-J. 21912
Higgins, J.C. *see* Wong, S.M. 38569
Higgins, J.M.M. The BBC European DSNG vehicle–the Eurovan 17061
Higgins, L. *see* Chen, W. 231
Higgins, L. *see* Turnbull, K.F. 58512
Higgins, N.A., Morrey, M. Social intervention and risk reduction–indirect countermeasures 18578
Higgins, S.J. *see* Musa, I. 42011
Higgins, W. *see* Ware, R.M. 30713
Higgins, W.E. *see* Weldon, T.P. 5508
Higgins, W.E. *see* Weldon, T.P. 15851
Higgins, W.E. *see* Weldon, T.P. 25415
Higgon, D. *see* Dunn, C.D.G. 38458
Higgs, A.W. *see* Plimmer, S.A. 2584
Higgs, C. *see* Merritt, P. 38174
Higgs, L.A. *see* Willis, A.G. 27118
Higgs, V., Lightowlers, E.C., Apetz, R., Vescan, L. Correlation between oxygen distribution and luminescence efficiency in SiGe/Si layer structures measured by cathodoluminescence imaging and spectroscopy 54207
Higham, D.J. Runge-Kutta type methods for orthogonal integration 10535
Higham, D.J. Time-stepping and preserving orthonormality 30651
Higham, N.J. Stability of the diagonal pivoting method with partial pivoting 30608
Highland, H.J. The cookie monster [data privacy] 6056
Highland, R.G. *see* Gonglewski, J.D. 27649
Highmore, P.J. 'PC-SIMONE'–an introduction to the ultrasonic inspection simulator 52894
Highsmith, A.L., Keshav, S. Quantitative assessment of fiber fracture in damaged laminates using X-ray radiography 52896
Hightower, A. *see* Witham, C.K. 61036
Higle, J.L. *see* Suvrajeet Sen 20546
Higman, J. *see* Luderman, B.L. 11451
Higman, T.K. *see* Hagedorn, M.S. 22840
Hignette, O. *see* Ziegler, E. 37067
Higo, T., Sakai, H., Higashi, Y., Koike, S., Takatomi, T., Suzuki, T., Takata, K. Precise fabrication of 1.3 m-long X-band accelerating structure 49194
Higo, T. *see* Miller, R.H. 49048
Higuch, T. *see* Young-Ho Lee 15279
Higuchi, H. *see* Akane, T. 10779
Higuchi, H. *see* Nishio, T. 39108
Higuchi, H. *see* Shima, A. 44499
Higuchi, H. *see* Shima, A. 55635
Higuchi, H. *see* Takemoto, A. 26908
Higuchi, H. *see* Watanabe, H. 17067
Higuchi, H. *see* Watanabe, H. 58285
Higuchi, K., Kudo, H., Mori, M., Mishima, T. High-performance $In_{0.5}Al_{0.5}As/In_{0.5}Ga_{0.5}As$ high electron mobility transistors on GaAs 13016
Higuchi, K., Miyagi, T., Yamada, H., Saito, M. Advanced build-up wiring technology for MCM-D/L 53856
Higuchi, K., Nakano, T., Yamamoto, S. Simulating vision of older people for the design of on-board visual displays 58923
Higuchi, K., Uchiyama, H., Shiota, T., Kudo, M., Mishima, T. Selective wet-etching of InGaAs on InAlAs using adipic acid and its application to InAlAs/InGaAs HEMTs 54414
Higuchi, K. *see* Mizuta, H. 53598
Higuchi, K. *see* Nakano, T. 17237
Higuchi, K. *see* Takazawa, H. 32441
Higuchi, K. *see* Yamamoto, Y. 41811
Higuchi, N. *see* Fujio, S. 24869
Higuchi, N. *see* Hashimoto, M. 24867
Higuchi, N. *see* Hirai, T. 45646
Higuchi, N. *see* Kaiho, K. 55074
Higuchi, R. *see* Chujo, T. 37284
Higuchi, S., Ishida, M., Hori, T. Reduction control of induction motor vibration with pulsating load by repetitive control using an acceleration sensor 38741
Higuchi, S.-I. *see* Tanaka, S. 21467
Higuchi, T., Iwata, M., Kajitani, I., Yamada, H., Manderick, B., Hirao, Y., Murakawa, M., Yoshizawa, S., Furuya, T. Evolvable hardware with genetic learning 1289
Higuchi, T., Kobayashi, H., Yamashiro, K., Asakawa, K., Yokoya, Y. Photomask blanks enhancement by optimizing resist baking and coating for advanced e-beam reticle fabrication 22637
Higuchi, T., Murakawa, M., Iwata, M., Kajitani, I., Weixin Liu, Salami, M. Evolvable hardware at function level 53240
Higuchi, T., Oyama, J., Kobayashi, T., Yamada, E. Design of surface permanent magnet synchronous motors using nonlinear optimization technique 60692
Higuchi, T., Oyama, J., Yamada, E., Chiricozzi, E., Parasiliti, F., Villani, M. Optimization procedure of surface PM synchronous motors 50957
Higuchi, T. *see* Aoki, T. 31289
Higuchi, T. *see* Choong Ho Lee 35054
Higuchi, T. *see* Haijun Zhang 48892
Higuchi, T. *see* Iwata, M. 15912
Higuchi, T. *see* Ju Jin 33849
Higuchi, T. *see* Ju Jin 44976
Higuchi, T. *see* Ju Jin 51752
Higuchi, T. *see* Kato, T. 57999
Higuchi, T. *see* Kimura, S. 53907
Higuchi, T. *see* Moesner, F.M. 33813
Higuchi, T. *see* Niino, T. 19776
Higuchi, T. *see* Niino, T. 33847
Higuchi, T. *see* Oyama, J. 60694
Higuchi, T. *see* Tomita, N. 22375
Higuchi, T. *see* Yamagata, Y. 43414
Higuchi, T. *see* Yamamoto, A. 33848
Higuchi, T. *see* Yamamoto, A. 60813
Higuchi, T. *see* Yang, X. 15203
Higuchi, T. *see* Young-Ho Lee 53435
Higuchi, Y., Koizumi, M., Saito, S. Three dimensional eddy current calculation with integral equation method for transformers 51079
Higuchi, Y. *see* Koizumi, M. 14529
Higuchi, Y. *see* Nakano, H. 19836
Higuchi-Rusli, R.H. Characteristics of AuSi liquid metal alloy ion source with coupling extractor electrodes 7768
Higurashi, E. Optical manipulation and micro-energy sources 14501
Hihara, H. *see* Yoshida, K. 3378
Hihara, H. *see* Yoshida, K. 3379
Hihara, H. *see* Yoshida, K. 3387
Hihara, H. *see* Yoshida, K. 23486
Hiie, J. *see* Altosaar, M. 39092
Hiie, J. *see* Valdna, V. 55409
Hiihara, K. *see* Nagai, T. 2942
Hiivala, L. *see* Parpal, J.-L. 19343
Hiivala, L. *see* Parpal, J.-L. 50588
Hijikata, K. *see* Fushinobu, K. 32454
Hijikawa, M. *see* Tanaka, A. 7402
Hikami, T. *see* Otsubo, M. 2970
Hikata, T. *see* Kato, T. 55151
Hikawa, H. Frequency-based multilayer neural network with on-chip learning 1666
Hikihara, T., Isozumi, G. Modeling of lateral force-displacement hysteresis caused by local flux pinning 13491
Hikita, H. *see* Takeda, K. 55391
Hikita, M., Hoshino, T., Kato, T., Hayakawa, N., Ueda, T., Okubo, H. Discrimination of partial discharge electromagnetic signal in SF_6 gas from external noises using phase gate control method 13304
Hikita, M., Suzuki, A., Kato, T., Hayakawa, N., Okubo, H. Phase dependence of partial discharge current pulse waveform and its frequency characteristics in SF_6 gas 19665
Hikita, M. *see* Hayakawa, N. 13265
Hikita, M. *see* Hayakawa, N. 23143
Hikita, M. *see* Hayakawa, N. 43857
Hikita, M. *see* Hayakawa, N. 54885
Hikita, M. *see* Hida, Y. 44035
Hikita, M. *see* Hoshino, T. 9426
Hikita, M. *see* Kato, K. 51386
Hikita, M. *see* Okubo, H. 19889
Hikita, M. *see* Okubo, H. 23212
Hikita, M. *see* Okubo, H. 23213
Hikita, M. *see* Okubo, H. 23251
Hikita, M. *see* Okubo, H. 23254
Hikita, M. *see* Okubo, H. 38926
Hikita, M. *see* Okubo, H. 43469
Hikita, M. *see* Okubo, H. 54884
Hikita, M. *see* Okubo, H. 54962
Hikita, M. *see* Shuto, Y. 33721
Hikita, M. *see* Usui, M. 13644
Hikosaka, T. *see* Kikuchi, T. 60367
Hikosaka, Y., Hasegawa, A., Nakamura, M., Hashimoto, K. Reduction and real-time observation of electron shading damage with a synchronous biasing in a pulsed plasma [gate oxide] 54308
Hiladakis, I. *see* Bezerianos, A. 49680
Hilal, H. *see* Lo, K.L. 19167
Hilal, S. *see* Hassan Al-Haji 60378
Hilands, T.W., Thomopoulos, S.C.A. Nonlinear filtering methods for harmonic retrieval and model order selection in Gaussian and non-Gaussian noise 45942
Hilas, C.S., Laopoulos, Th. Circuit design: a study on voltage-mode to current-mode conversion techniques 1089
Hilber, W., Helm, M., Alavi, K., Pathak, R.N. Energy relaxation of hot electrons in GaAs/AlGaAs superlattices measured by infrared differential spectroscopy 42105
Hilberer, A. *see* Brouwer, H.J. 23702
Hilberer, A. *see* Garten, F. 55448
Hilbert, A. *see* Krauss, M. 48343
Hilbk, U., Hermes, T., Saniter, J., Westphal, F.-J. High capacity WDM overlay on a passive optical network 6754
Hilbk, U., Hermes, T., Saniter, J., Westphal, F.J. High-capacity upgrade of a PON by means of wavelength-routers and WDM techniques 58332
Hilbrich, S. *see* Kruger, M. 33257
Hilbrich, S. *see* Thonissen, M. 44174
Hilburger, D. *see* Rau, U. 39120
Hilburger, U. *see* Knupfer, B. 23707
Hild, R., Escalera, J.C., Yzuel, M.J., Nitzsche, G. High focal depth imaging by beam shaping optical elements? 44176
Hild, S.G., Robinson, P. The mobile application framework: making mobile links usable 6608
Hildebrand, A. *see* Grosskopf, S. 25254
Hildebrand, D. Memory protection in embedded systems 21670
Hildebrand, L.T., Joubert, J. An interconnect configuration between a microstrip line and a rectangular waveguide 31454
Hildebrandt, S. *see* Uniewski, H. 31827
Hildebrandy, G. *see* Berger, H. 13333
Hildemaro Briceno, J. *see* Brandao Faria, J.A. 8919
Hildenbrand, D. *see* Zielinski, A. 24414
Hildenbrand, D.J., Rapka, J.R., Long, B.J. Computer modeling and prediction of solid armature contact wear and transitioning in electromagnetic guns 24399
Hildenhagen, J. *see* Dickmann, K. 24308
Hilder, D.A., Kim, K.S. Partial discharge testing of power cables at 400 kV in an open test environment 38362
Hilderink, J.H.L.A. *see* Leusenkamp, M.B.J. 29500
Hildinger, P. *see* Kellermann, H. 60819
Hildingsson, L. *see* Attas, E.M. 35336
Hileman, T. *see* Lee, T.Y.T. 30225
Hilgenstock, J., Herrmann, K., Pirsch, P. A parallel DSP architecture for object-based video signal processing 41241
Hilgenstock, J. *see* Hermann, K. 21738
Hilger, E. *see* Bamberger, A. 7787
Hilger, E. *see* Bamberger, A. 37358
Hilico, L. *see* de Beauvoir, B. 27263
Hilico, L. *see* Touahri, D. 14172
Hilico, L. *see* Touahri, D. 27264
Hilker, R. *see* Austermeier, H. 15872
Hill, A., Cootes, T.F., Taylor, C.J. Least-squares solution of absolute orientation with non-scalar weights 5111
Hill, A., Surber, J. Effect of varying operating conditions on power consumption of ADCs (analog-to-digital converters) 21776
Hill, A. *see* Herber, R. 16441
Hill, A. *see* Ko, U. 11276
Hill, A. *see* Snoeck, J. 50724
Hill, A.M., Chin-Chi Teng, Sung-Mo Kang Simulation-based maximum power estimation 1287
Hill, A.M., Sung-Mo Kang Statistical estimation of short-circuit power in VLSI circuits 2780
Hill, A.M., Sung-Mo Kang Determining accuracy bounds for simulation-based switching activity estimation 21550
Hill, A.M. *see* Chidgey, P.J. 26884
Hill, A.T. Dissipativity of Runge-Kutta methods in Hilbert spaces 30652
Hill, B.K., Cyganski, D., Vaz, R.F. SAR ATR via pose-tagged partial evidence fusion 6945
Hill, B.W. *see* Gillespie, G.H. 7714
Hill, B.W. *see* Gillespie, G.H. 49208
Hill, C. Where analytical techniques fall short: a user's perspective [silicon integrated circuits] 32525
Hill, C., Siviter, J., Deeter, D. Evaluation of a Mayday system: phase one results 58232
Hill, C. *see* Davidson, A. 34071
Hill, C. *see* Feschenko, A.V. 37134
Hill, C., Vretenar, M. *(editors)* Proceedings of the XVIII International Linear Accelerator Conference 39523
Hill, C.E., Langbein, K. Experiments on a 14.5 GHz ECR source 49272
Hill, C.E. *see* Charmot, H. 49026
Hill, D., Hua-Quen Tserng, Tae Kim, Tutt, M. Single-chip 30 W CW AlGaAs/GaAs heterojunction bipolar transistor at 3 GHz 42945
Hill, D., Yarborough, R., Tae Kim, Hin-Fai Chau Low thermal impedance MMIC technology 21975
Hill, D. *see* Henderson, T. 42960
Hill, D. *see* Hin-Fai Chau 31500
Hill, D. *see* Marchal, N. 7006
Hill, D.A. A reflection coefficient derivation for the Q of a reverberation chamber 4296
Hill, D.A., Mussman, R.L. Coated lead shielding protects nuclear plant workers 19470
Hill, D.A. *see* McPherson, W.P. 47566
Hill, D.D. *see* Daugherty, M.A. 32952
Hill, D.J. *see* Arnborg, S. 38250
Hill, D.J. *see* Chengshan Xiao 1592
Hill, D.J. *see* Duffy, A.P. 1693
Hill, D.J. *see* Makarov, Y.V. 19041
Hill, D.J. *see* Pogromsky, A.Y. 50401
Hill, D.L. *see* Durdle, N.G. 49518
Hill, D.L.G., Poynter Smith, P.N., Emery, C.L., Summers, P.E., Keevil, S.F., Pracy, J.P.M., Walsh, R., Hawkes, D.J., Gleeson, M.J. MRI guided intranasal flexible micro-endoscopy 18400
Hill, D.L.G. *see* Studholme, C. 18401
Hill, D.L.G. *see* Studholme, C. 28255
Hill, D.N. *see* Magnus, S.H. 53904
Hill, D.N. *see* Magnus, S.H. 53905
Hill, D.N. *see* Nilson, D.G. 36663
Hill, E. *see* Casey, S. 55047
Hill, E. *see* Thuente, D. 60139
Hill, E.F. *see* Sharif, S.S. 50400
Hill, E.V.K. *see* Bodine, H.L. 15233
Hill, E.v.K. *see* Kouvarakos, M. 30999
Hill, E.W., Nazran, P., Tailor, P. A versatile vibrating reed and magneto-optic magnetometer 7243
Hill, E.W. *see* Jones, P.L. 9886
Hill, G. Photonic transport networks 26886
Hill, G. The analysis of manufacturing processes for plastic ball grid arrays (PBGAs) 52200
Hill, G. *see* Cockburn, J.W. 31958
Hill, G. *see* Ghenim, L. 2183
Hill, G. *see* Klipstein, P.C. 12336
Hill, G. *see* Maude, D.K. 12384
Hill, G. *see* Maude, D.K. 22346
Hill, G. *see* Ponomarev, Y.V. 22390
Hill, G. *see* Teissier, R. 2108

Hill, G. *see* Tribe, W.R. 41901
Hill, G. *see* Wilson, L.R. 42110
Hill, G.R. Production of known good die at IBM 41714
Hill, G.R. *see* Swallom, D.W. 20053
Hill, H.D.W. *see* Wong, W.H. 55135
Hill, I.G. *see* Mitchell, C.E.J. 2384
Hill, I.R. *see* Adams, W.A. 9482
Hill, J.C. *see* Beringer, J. 37394
Hill, J.C. *see* Sellin, P.J. 18095
Hill, J.E., Norris, W.T. Exact analysis of a multipulse shunt converter compensator or Statcon. I. Performance 60911
Hill, J.E., Norris, W.T. Exact analysis of a multipulse shunt convertor compensator or Statcon. II. Analysis 60912
Hill, J.R. *see* Knopp, K.J. 3901
Hill, J.R. *see* Knopp, K.J. 23880
Hill, J.R. *see* Knopp, K.J. 44446
Hill, J.R. *see* Stannard, J.H. 61289
Hill, K.D., Steele, A.G. Reply to Nicholas regarding the thermodynamic accuracy of the ITS-90 [Pt temperature-dependent electrical resistivity] 48329
Hill, K.O. *see* Albert, J. 13568
Hill, K.O. *see* Temmyo, J. 3848
Hill, K.O. *see* Temmyo, J. 55696
Hill, K.O. *see* Theriault, S. 58806
Hill, K.S. Plastic packaging for military contractors 20954
Hill, N. *see* Allison, W.W.M. 37269
Hill, R. Electronic commerce, the World Wide Web, Minitel, and EDI 57866
Hill, R. Grid connected solar PV 60610
Hill, R. *see* Able-Thomas, U. 50840
Hill, R. *see* Wilshaw, A.R. 60599
Hill, R.A., Bjorklund, G.C., Hamilton, S.A., Yankelwich, D.R., Knoesen, A. Low-distortion, high-speed polymeric in-line fiber modulator 26719
Hill, R.A. *see* Knoesen, A. 55315
Hill, R.C. *see* Hague, L.M. 18712
Hill, R.J. Electric railway traction. VI. Electromagnetic compatibility disturbance–sources and equipment susceptibility 51756
Hill, R.J., Cai, Y., Case, S.H., Irving, M.R. Iterative techniques for the solution of complex DC-rail-traction systems including regenerative braking 9675
Hill, R.M. *see* Ishida, M. 56082
Hill, R.W., Jr., Chien, S.A., Fayyad, K.V. Automating operations for a network of communications antennas 58259
Hill, S.A. *see* Collingridge, D.R. 49407
Hill-Cottingham, R.J. *see* Eastham, J.F. 49486
Hillawi, J. Benchmark puts competing HDL simulators to the test 40780
Hillawi, J. Choosing a digital simulator 40808
Hillborg, H. *see* Windmar, D. 32733
Hille, A. *see* Falta, J. 12628
Hille, A. *see* Falta, J. 30795
Hille, B. *see* Clarencon, D. 37827
Hillemanns, H. *see* Alexeev, G. 59200
Hillemanns, H. *see* Auffray, E. 37281
Hillenius, S.F. *see* Liu, C.T. 43291
Hillenius, S.J. *see* Bevk, J. 22973
Hillenius, S.J. *see* Liu, C.T. 2641
Hillenius, S.J. *see* Liu, C.T. 32155
Hillenius, S.J. *see* Liu, C.T. 54658
Hillenius, S.J. *see* Rafferty, C.S. 42410
Hiller, D. *see* Corsini, R. 14025
Hiller, J. *see* Jia, L. 37706
Hiller, K. *see* Gessner, T. 27497
Hiller, M. *see* Ebest, G. 50833
Hiller, R. *see* Hess, C. 39889
Hilleringmann, U. *see* Muller, J. 3615
Hillermeier, C., Keppler, J. An application of genetic algorithms and neural networks to scheduling power generating systems 19445
Hillery, N. *see* Jou, Y.F. 5714
Hillery, W.J. *see* Ramakrishnan, V. 26702
Hillfiker, J.N., Synowicki, R.A. Spectroscopic ellipsometry for process applications 2764
Hilliard, J. *see* Rigakis, N. 33242
Hillier, S. *see* Brawn, I. 59325
Hillion, A. *see* Caillol, H. 35295
Hillion, A. *see* Costa, S. 46514
Hillion, A. *see* Solaiman, B. 18233
Hillion, P. Space-time and momentum representations of electromagnetic signals 34004
Hillion, P. A Tai's result revisited 55955
Hillion, P. The electromagnetic field in a uniformly moving crystal 55957
Hillis, D. *see* Bornstein, J. 50264
Hillman, D., Bratin, P., Pavlov, M. Wirebondability and solderability of various metallic finishes for use in printed circuit assembly 22063
Hillman, D. *see* Russell, B. 41652
Hillman, G.R. *see* Chih-Wei Chang 49482
Hillman, J.J. *see* Chin, G. 23877
Hillmann, W., Brand, U., Krystek, M. Capabilities and limitations of interference microscopy for two- and three-dimensional surface-measuring technology 48887
Hillmann-Ruge, T. *see* Schroder, H. 21739
Hillmer, H. *see* Hong-Liang Zhu 55623
Hillrichs, G. *see* Karlitschek, P. 33430
Hills, J.S. *see* Venkatasubramanian, R. 38973
Hills, O.C. Radiation-monitoring problems and solutions [for Sizewell B nuclear power plant] 9034
Hills, P.C. ATE in the Royal Australian Air Force 49880
Hills, R.C. Sixty glorious years: the diamond jubilee of public service television broadcasting 7035
Hills, S.M. High tension insulators for radio-communication 32697
Hillsley, C.A. *see* Greenberg, R.S. 37760
Hillsman, E.L. Transportation DSM: building on electric utility experience 29798
Hilpert, K., Das, D., Miller, M., Peck, D.H., Weiss, R. Chromium vapor species over solid oxide fuel cell interconnect materials and their potential for degradation processes 20016
Hilpert, K. *see* Ecke, W. 27627
Hilpert, M. *see* Michler, P. 55708
Hils, S. Time in hand–time-switch technology today 11816
Hilscher, R. Industrial computers for 19″ rack mounting with intelligent man/machine interface 53333
Hilson, S. Slavery abolished [stereo delta/sigma a/d convertor] 21777
Hilt, A. *see* Cabon, B. 58314
Hiltmann, K. *see* Ashauer, M. 43224
Hiltner, J. *see* Tresp, C. 18307
Hilton, A., Stoddart, A.J., Illingworth, J., Windeatt, T. Reconstruction of 3D Delaunay surface models of complex objects 25672
Hilton, A., Stoddart, A.J., Illingworth, J., Windeatt, T. Marching triangles: range image fusion for complex object modelling 57253
Hilton, A. *see* Stoddart, A.J. 5347
Hilton, D. *see* Ioffe, I. 39763
Hilton, G.S. *see* Darwood, P. 34391
Hilton, K.P. *see* Crouch, M.A. 54598
Hilton, K.P. *see* Heaton, J.M. 23573
Hilton, K.P. *see* Heaton, J.M. 44033
Hilton, M. *see* Debure, K. 25605
Hilton, M.L. Wavelet and wavelet packet compression of electrocardiograms 59683
Hilton, M.L., Ogden, R.T. Data analytic wavelet threshold selection in 2-D signal denoising 34796
Hilton, P.A., Jones, I.A. CO laser welding of sheet steel with plasma disrupting gases 14485
Hilton, P.A. *see* Tyrer, J.R. 13943
Hilton, P.J. *see* Bowman, C.C. 35141
Hiltunen, M.A., Schlichting, R.D. Adaptive distributed and fault-tolerant systems 5878
Himbert, M.E. *see* Juncar, P. 17182
Himdi, M. *see* Daniel, J.P. 56205
Himel, M. *see* Williamson, D. 2544
Himel, T., Hendrickson, L. Fast feedback for linear colliders 37055
Himeno, A. *see* Abe, M. 33094
Himeno, A. *see* Takiguchi, K. 6716
Himeno, R. *see* Muro, H. 54848
Himeno, T., Hazama, H., Yaegashi, T., Sakui, K., Kanda, K., Itoh, Y., Miyamoto, J. Quick address detection of anomalous memory cells in a flash memory test structure 53281
Himeno, T. *see* Jin-Ki Kim 1402
Himeno, T. *see* Jin-Ki Kim 53294
Himi, H. *see* Yamaguchi, H. 43091
Himmelstoss, F.A. *see* Woehrer, F.J. 51654
Hin, I.Le *see* Le Hin, I.
Hin-Cheung Law, H., Chan, C. Ergodic multigram HMM integrating word segmentation and class tagging for Chinese language modeling 14895
Hin-Fai Chau, Hill, D., Yarborough, R., Tae Kim High-power, high-efficiency K-band AlGaAs/GaAs heterojunction bipolar transistors 31500
Hin-Fai Chau *see* Hill, D. 21975
Hinamoto, T., Doi, A. Design of multidimensional separable-denominator digital filters in the spatial domain 53434
Hinamoto, T., Karino, S. High-order error feedback for noise reduction in state-space digital filters 11597
Hinamoto, T., Karino, S., Kuroda, N. 2-D state-space digital filters with error spectrum shaping 1604
Hinamoto, T., Zempo, Y. On the weighted sensitivity minimization of 2-D state-space digital filters 15176
Hinamoto, T. *see* Doi, A. 53448
Hinamoto, T. *see* Maeda, T. 35045
Hinamoto, T. *see* Muneyasu, M. 4950
Hinamoto, T. *see* Muneyasu, M. 11553
Hinamoto, T. *see* Muneyasu, M. 31382
Hinamoto, T. *see* Muneyasu, M. 35046
Hinamoto, T. *see* Muneyasu, M. 46240
Hinamoto, T. *see* Muneyasu, M. 56983
Hinamoto, T. *see* Taguchi, A. 15825
Hinata, K. *see* Teshima, H. 43742
Hinata, T., Hosono, H. Scattering of electromagnetic waves by an axially slotted conducting elliptic cylinder 45010
Hinata, T., Hosono, H., Ono, H. Scattering of electromagnetic waves by an axially slotted conducting elliptic cylinder in homogeneous medium 4224
Hinata, T. *see* Tanaka, H. 56017
Hinata, T. *see* Yamasaki, T. 14600
Hinatsu, J.T. *see* Katakura, K. 51541
Hinaus, B.M. *see* Rzchowski, M.S. 32922
Hinch, B.J. *see* Ermakov, A.V. 48441
Hinchley, D.A. *see* Palmer, P.R. 2611
Hinchliffe, M., Cook, N. Customer network management and ATM networks 35601
Hinckley, C.M., Barkan, P. Selecting the best defect reduction methodology 30351
Hinckley, J.M., Singh, J. High-field thermal noise of holes in silicon: The effect of valence band anisotropy 1975
Hinckley, J.M. *see* Hongtao Jiang 41879
Hinckley, J.M. *see* Yeom, K. 2083
Hind, D., Pullen, A. On the battlefield [target identification] 38144
Hind, D. *see* Doughty, G.R. 38941
Hinde, S.F. Call record analysis 16206
Hinder, T. Current trends in circuit board connection technology 22074
Hinderthur, H. *see* Bettermann, D. 27228
Hindle, J. The future growth of PCS: providing effective intelligent network solutions 47280
Hindle, J. *see* Ciancetta, C. 47283
Hinds, A. Evolution of the Optus communications customer access network 47408
Hinds, B.J. *see* Schmidt, D. 54396
Hinds, R.O. *see* Pappas, T.N. 56766
Hindy, M.A. *see* Al-Ruwaihi, K.M. 44299
Hine, J.J. *see* Ionescu, D.M. 25061
Hine, M.J. Transient synthesis using a Fourier transform envelope: an alternative to swept-sine vibration testing 49850
Hine, N., Gordon, I., Bebjak, A., Kravcik, M., Moravcikova, L., Panek, P., Seiler, F.P., Arato, A., Vaspori, T., Zirko, M., Bozik, M., Meszaros, Z. Learning and educational access using remote networks–enabling the disabled 6172
Hinedi, S. *see* Simon, M. 4435
Hinedi Sami *see* Sami Hinedi
Hinenoya, T. *see* Takeuchi, K. 58835
Hines, D.R. *see* Solin, S.A. 27441
Hines, J.W. *see* Somps, C.J. 27705
Hines, K.M. *see* Drude, B. 53860
Hines, L. *see* Welsh, J. 41211
Hines, M. An eight-step audit work program for TCP/IP 46705
Hing Choi Fung, Lazaridis, A. Finite element analysis of laminar flow in a vertical channel with fin array 30673
Hing Chualye *see* Wei Jiang 22550
Hing Lam Wong *see* Lam Wong Hing
Hing-yan To, Hua Su, Ismail, M. A novel sensitivity analysis technique for VLSI statistical design 2772
Hinkelmann, K., Kaiser, M., Kieninger, T., Seidenschwann, K., Weiss, W. HyperBraille–an interdisciplinary approach for an intelligent information system for blind people 6174
Hinkle, L.D. *see* Hansen, S.P. 13058
Hinkov, V. Beam steering without moving parts 14233
Hinks, D.G. *see* Shiloh, M. 32898
Hinks, R.S. *see* Vitkin, I.A. 49760
Hino, S. *see* Hirabayashi, K. 58084
Hino, S. *see* Matsunaga, T. 16493
Hino, S. *see* Yamaguchi, S. 12031
Hino, T. Power source of metal-ultrathin dielectric film-metal structures 2290
Hino, T., Inobe, T., Kaji, H., Tochihara, K., Kimura, M., Ohbayashi, K. Development of LCD radio FV-L2 27146
Hino, T. *see* Logue, F.P. 31970
Hino, T. *see* Nakayama, N. 55637
Hino, T. *see* Yoshida, H. 14161
Hino, Y. *see* Kikuchi, T. 20969
Hinode, F. *see* Kashiwagi, S. 49209
Hinode, F. *see* Unno, Y. 37395
Hinode, K. *see* Miyake, T. 42633
Hinode, K. *see* Miyazaki, H. 42701
Hinomura, T., Nasu, S., Kanekiyo, H., Hirosawa, S. Magnetic properties of Nd-Fe-B nanocrystalline composite magnets 43634
Hinrichs, H., Feistner, H., Heinze, H.J. A trend-detection algorithm for intraoperative EEG monitoring 8072
Hinrichs, R., da Jornada, J.A.H. Piston-cylinder apparatus for high-pressure impedance spectroscopy 36835
Hinrikus, H. *see* Riipuld, J. 49569
Hinsch, E., Jaegemann, A., Wang, L. Experiences with the Secure Conferencing User Agent: a tool to provide secure conferencing with MBONE multimedia conferencing applications 16371
Hinsch, K.D. *see* Gulker, G. 7627
Hinshaw, B. *see* Parkerson, J.P. 53877
Hinson, D.P. *see* Karayel, E.T. 56045
Hintea, S. *see* Chilian, A. 18528
Hinterding, R., Michalewicz, Z., Peachey, T.C. Self-adaptive genetic algorithm for numeric functions 10388
Hinterhuber, H.H. Strategic cost management: preliminary lessons from European companies 52096
Hinterlong, S.J., Lentine, A.L., Reiley, D.J., Sasian, J.M., Morrison, R.L., Novotny, R.A., Beckman, M.G., Buchholz, D.B., Cloonan, T.J., Richards, G.W. An ATM switching system demonstration using a 40 Gb/s throughput smart pixel optoelectronic VLSI chip 35886
Hinterlong, S.J. *see* Lentine, A.L. 58290
Hinterman, T. *see* Kremens, R.L. 36384
Hinton, C.E. The maximum-gain, minimum-integral principle applied to materials testing 21410
Hinton, E.S. *see* Plant, D.V. 55473
Hinton, H.S. Progress in the smart pixel technologies 3656
Hinton, H.S. *see* Devenport, K.E. 33326
Hinton, H.S. *see* Devenport, K.E. 35887
Hinton, H.S. *see* Goodwill, D.J. 3661

Hinton, H.S. *see* Goodwill, D.J. 33335
Hinton, H.S. *see* Plant, D.V. 13894
Hinton, H.S. *see* Rolston, D.R. 3662
Hinton, H.S. *see* Rolston, D.R. 33325
Hinton, H.S. *see* Sherif, S.S. 33339
Hinton, O. *see* Tweedy, A. 50143
Hinton, O.R. *see* Lawlor, M.A. 50187
Hinton, O.R. *see* Neasham, J.A. 48034
Hinton, O.R. *see* Thompson, D. 48032
Hinton, P.E. Tin-plating, tin-nickel electroplate and tin-plating over nickel as final finishes on copper 22042
Hintsche, R. *see* Schnakenberg, U. 27698
Hintsche, R. *see* Uhlig, A. 17562
Hintz, G., Tkotz, R., Keusch, C., Negendanck, M., Christiansen, J., Hoffmann, D.H.H. Development of pulsed gas discharge lasers for shock-hardening 13938
Hintz, G. *see* Frank, K. 22142
Hintz, G. *see* Frank, K. 28948
Hintz, G. *see* Frank, K. 51407
Hintz, K.J., Masters, S., McIntyre, G., Schaefer, C. Flight hardware for Fast Adaptive Maneuvering Experiment (FAME) 59919
Hintzer, K. *see* Schlipf, M. 30987
Hinz, A. *see* von Okanik, P. 50420
Hinz, D., Wirth, S., Eckert, D., Helming, K., Mueller, K.-H. Determination of biaxial texture and intrinsic magnetic properties of hot rolled NdFeB samples 3113
Hinz, D. *see* Gruenberger, W. 3112
Hinz, D. *see* Handstein, A. 3100
Hinz, M. A universal programming instrument [for programmable semiconductor devices] 41061
Hinzen, H.von *see* von Hinzen, H.
Hinzer, K. *see* Fafard, S. 24021
Hioe, W. *see* Hosoya, M. 47501
Hioki, H. *see* Shinagawa, Y. 46501
Hioki, I. *see* Yamagata, Y. 8966
Hioki, I. *see* Yamagata, Y. 8967
Hioki, S. *see* Seino, T. 21982
Hippenstiel, R.D., Fargues, M.P. Feature extraction from digital communication signals using wavelet transforms 4865
Hippler, J., Fritsch, B. Calibration of the Dornier SAR with trihedral corner reflectors 27039
Hipwood, L.G. *see* Purdy, D.R. 12839
Hira, A. *see* Chu, D.N. 30674
Hirabayashi, H. *see* Hosoyama, K. 49159
Hirabayashi, H. *see* Hosoyama, K. 49160
Hirabayashi, H. *see* Kim, S.W. 43864
Hirabayashi, H. *see* Kimura, A. 43778
Hirabayashi, H. *see* Madihian, M. 41509
Hirabayashi, I. *see* Niiori, Y. 30735
Hirabayashi, K., Yamamoto, T., Hino, S., Kohama, Y., Tateno, K. Optical beam direction compensating system for board-to-board free space optical interconnection in high-capacity ATM switch 58084
Hirabayashi, K. *see* Yamaguchi, M. 6424
Hirabayashi, M. Optimization of surface-acoustic-wave withdrawal-weighted filters using genetic algorithms 23282
Hirabayashi, R. *see* Shinano, Y. 489
Hirachi, K., Kajiyama, A., Mii, T., Nakaoka, M. Cost-effective bidirectional chopper-based battery link UPS with common input-output bus line and its control scheme 51147
Hirachi, K., Mii, T., Nakaoka, M., Kato, Y., Terasaka, H. A novel circuit topology of three-phase active power filtering-based converter operating at discontinuous current mode control scheme 9365
Hirachi, K., Mii, T., Nakashiba, T., Laknath, K.G.D., Nakaoka, M. Utility-interactive multifunctional bidirectional converter for solar photovoltaic power conditioner with energy storage batteries 50854
Hirachi, K., Yamamoto, S., Tomokuni, Y. A novel circuit configuration of three-phase active power filtering converter with discontinuous mode control scheme 51300
Hirachi, K. *see* Hiro Nishimura, T. 49798
Hirachi, K. *see* Morizane, T. 51121
Hirachi, K. *see* Nakano, H. 19836
Hirachi, K. *see* Nishimura, T.H. 49784
Hirachi, K. *see* Taniguchi, K. 51245
Hirae, S. *see* Kohno, M. 7564
Hirae, S. *see* Sakai, T. 48861
Hiraga, H. *see* Abe, Y. 55241
Hiraga, H. *see* Watanabe, T. 3410
Hiraga, K. *see* Noya, A. 785
Hiraga, K. *see* Noya, A. 32065
Hiraga, K. *see* Wang, J. 52823
Hiraguri, N. *see* Shiraishi, K. 33019
Hirahara, A. *see* Grossman, E.N. 32962
Hirahara, K. *see* Shigenaka, K. 703
Hirai, A. *see* Ishikawa, H. 16794
Hirai, C. *see* Nishiyama, E. 29604
Hirai, H. *see* Kobayashi, M. 32830
Hirai, H. *see* Machida, T. 22327
Hirai, J. *see* Kawamura, A. 51893
Hirai, K. *see* Kazumi, M. 27768
Hirai, K. *see* Oka, H. 49396
Hirai, M. *see* Ohnishi, H. 12874
Hirai, N. *see* Nakamura, K. 17105
Hirai, S. *see* Kato, T. 57999
Hirai, S. *see* Wakita, Y. 35782
Hirai, T., Fujinaga, S., Fujii, T., Kanda, A., Horikawa, Y., Takehara, H., Nakamura, A. Super high-density and low-cost analog-digital mixed Bi-CMOS process [for multimedia equipment application] 43352
Hirai, T., Higuchi, N., Sagisaka, Y. Automatic detection of major phrase boundaries based on a measure which takes into account the number of prosodic control parameters 45646
Hirai, T., Nagashima, K., Koike, H., Matsuno, S., Tarui, Y. Crystal and electrical characterizations of epitaxial $Ce_xZr_{1-x}O_2$ buffer layer for the metal/ferroelectric/insulator/semiconductor field effect transistor 2625
Hirai, T., Shindo, K., Ogata, T. Thermocharge and discharge characteristics of thermochargeable galvanic cells 20061
Hirai, T. *see* Kato, N. 29548
Hirai, T. *see* Kaya, K. 32683
Hirai, T. *see* Koike, H. 52814
Hirai, T. *see* Masuda, Y. 23181
Hirai, T. *see* Nagashima, K. 32649
Hirai, T. *see* Umetani, K. 7951
Hirai, Y., Yasunaga, M. A PDM digital neural network system with 1000 neurons fully interconnected via 1,000,000 6-bit synapses 31426
Hirai, Y. *see* Araki, K. 32182
Hirai, Y. *see* Kurihara, H. 45246
Hirai, Y. *see* Tsukahara, T. 46107
Hirai, Y. *see* Yuki, K. 22399
Hiraishi, A. *see* Yahata, H. 53296
Hiraishi, H. *see* Kawakubo, K. 21648
Hiraishi, H. *see* Kawakubo, K. 53128
Hirakawa, A.R., Kawamura, A. Trajectory generation for redundant manipulators under optimization of consumed electrical energy 39442
Hirakawa, H., Murata, Y. Generation of fine dry toner and its charging characteristics 39469
Hirakawa, K., Shimada, Y., Ikoma, T. Supply-function dependent sequential resonant tunneling in semiconductor multiple quantum well diodes 12479
Hirakawa, K. *see* Sekine, N. 14756
Hirakawa, K. *see* Sekine, N. 24593
Hirakawa, K. *see* Shimada, Y. 54198
Hirakawa, N. *see* Matsuyama, S. 37452
Hiraki, A. *see* Higa, A. 40512
Hiraki, A. *see* Hyeongmin Jeon 30884
Hiraki, A. *see* Itoh, T. 40610
Hiraki, A. *see* Kita, T. 31766
Hiraki, A. *see* Nan Jiang 42365
Hiraki, A. *see* Nishiwaki, H. 30761
Hiraki, A. *see* Won, J. 30885
Hiraki, E. *see* Nakaoka, M. 51243
Hiraki, M., Bajwa, R.S., Kojima, H., Gorny, D.J., Nitta, K., Shridhar, A., Sasaki, K., Seki, K. Stage-skip pipeline: a low power processor architecture using a decoded instruction buffer 11477
Hirako, K., Fujita, H., Hara, T., Endo, T. Detection scheme for clustered microcalcifications with newly introduced contrast correction technique and variable-ring filter analysis 49451
Hirako, K., Fujita, H., Wara, T., Endo, T. Development of detection filter for microcalcifications on mammograms: a method based on density gradient and triple-ring filter analysis 46089
Hirako, M., Sato, Y., Matsuoka, S., Kataoka, T. Very high-speed fiber transmission system: supporting multimedia backbone network 6735
Hiramatsu, K., Anzai, Y. User identification in human robot interaction using identification pendant 58741
Hiramatsu, K., Kitamura, S., Sawaki, N. Facets formation mechanism of GaN hexagonal pyramids on dot-patterns via selective MOVPE 10793
Hiramatsu, K. *see* Ohuchi, Y. 40366
Hiramatsu, K. *see* Rezaul Huque Khan, M. 32365
Hiramatsu, K. *see* Shimizu, M. 30830
Hiramatsu, M., Kawakyu, Y. Mercury-sensitized hydrogen radical photoetching of hydrogenated amorphous silicon 12747
Hiramatsu, O. *see* Ogasawara, Y. 18225
Hiramatsu, S. Free-electron laser amplifiers in the microwave regime–high power and bunching 33584
Hiramatsu, T., Tomida, Y., Seto, M., Inoue, A., Waguri, T. Multimedia information receiver "PAPALA GCOM" 35848
Hiramatsu, T. *see* Taguchi, K. 43935
Hiramatsu, Y. *see* Arimitsu, H. 26187
Hiramine, C. *see* Murai, S. 11142
Hiramine, M. *see* Suzuki, F. 41068
Hiramine, M. *see* Suzuki, F. 47453
Hiramoto, K. *see* Sagawa, M. 14108
Hiramoto, K. *see* Sagawa, M. 55669
Hiramoto, M. *see* Katsume, T. 13799
Hiramoto, T., Ishikuro, H., Fujii, T., Saraya, T., Hashiguchi, G., Ikoma, T. Characterization of precisely width-controlled Si quantum wires fabricated on SOI substrates 12463
Hiramoto, T., Ishikubo, H., Saito, K., Fuji, T., Saraya, T., Hashiguchi, G., Ikoma, A. Fabrication of Si nanostructures for single electron device appiications by anisotropic etching 32465
Hiramoto, T. *see* Saraya, T. 22810
Hirani, A.N., Totsuka, T. Dual domain interactive image restoration: basic algorithm 56986
Hirano, A., Sugiyama, A., Ikeda, S. DSP implementation and performance evaluation of sparse-tap adaptive FIR filters with tap-position control 15282
Hirano, A. *see* Kudo, T. 56974
Hirano, A. *see* Tsuda, H. 23620
Hirano, D., Sakai, T., Shibahara, C., Murata, T. A digital control system for building power-generation equipment 28964
Hirano, D., Yamaji, K. Estimation of long-term wheeling rate using a dynamic model 38319
Hirano, H. A review of electronic music instruments 17127
Hirano, H., Honda, T., Moriwaki, N., Nakakuma, T., Inoue, A., Nakane, G., Chaya, S., Sumi, T. 2 V/100 ns 1 T/1 C nonvolatile ferroelectric memory architecture with bitline-driven read scheme and non-relaxation reference cell 1389
Hirano, H., Honda, T., Moriwaki, N., Nakakuma, T., Inoue, A., Nakane, G., Chaya, S., Sumi, T. 2-V/100-ns 1T/1C nonvolatile ferroelectric memory architecture with bitline-driven read scheme and nonrelaxation reference cell 53292
Hirano, H. *see* Emi, K. 7794
Hirano, K. Application of X-ray transmission phase plates to synchrotron radiation 7834
Hirano, K., Suemune, I., Sato, G. P-type doping limits in ZnMgSSe and ZnSSe compound semiconductor 32136
Hirano, K. *see* Cho, T. 37568
Hirano, K. *see* Hoshiyama, M. 44562
Hirano, K. *see* Watanabe, H. 27920
Hirano, K. *see* Yanagidaira, T. 18158
Hirano, M., Shiozawa, T., Kinouchi, Y., Suzuki, T. Dependency of load imbalance on data allocation among distributed processing modules in an advanced intelligent network 47303
Hirano, M., Sugitani, S., Aoyama, S., Onodera, K. Novel interconnection technology for three-dimensional MMICs 31521
Hirano, M. *see* Beh, C.-Y. 30727
Hirano, M. *see* Kaneko, R. 23363
Hirano, M. *see* Mito, M. 6421
Hirano, M. *see* Mizukami, M. 3363
Hirano, M. *see* Onodera, K. 21957
Hirano, M. *see* Sakurai, H. 47295
Hirano, M. *see* Sato, H. 44099
Hirano, M. *see* Tokumitsu, M. 43143
Hirano, M. *see* Tokumitsu, T. 31523
Hirano, M. *see* Tokumitsu, T. 31532
Hirano, M. *see* Toyoda, I. 31520
Hirano, M. *see* Wei Xing Hou 14300
Hirano, N. *see* Doi, K. 12023
Hirano, N. *see* Honma, S. 52206
Hirano, N. *see* Shintomi, K. 40717
Hirano, N. *see* Takubo, C. 20939
Hirano, R. *see* Yoshitake, S. 22634
Hirano, S. A study on voltage stability evaluation of power systems 60317
Hirano, S., Fujikawa, F. High performance PEFCs with sputter-deposited Pt layer on low-Pt-loading electrode 51543
Hirano, S. *see* Kobashi, S. 49432
Hirano, S. *see* Yoshigoe, A. 42441
Hirano, T., Kanemaru, S., Itoh, J. Emission current saturation of the p-type silicon gated field emitter array 1914
Hirano, T., Kanemaru, S., Itoh, J. A MOSFET-structured Si tip for stable emission current 41784
Hirano, T., Kanemaru, S., Tanoue, H., Itoh, J. Fabrication of a new Si field emitter tip with metal-oxide-semiconductor field-effect transistor (MOSFET) structure 31700
Hirano, T. *see* Banba, T. 12849
Hirano, T. *see* Inoue, M. 43607
Hirano, T. *see* Kanemaru, S. 41754
Hirano, T. *see* Py, C. 31703
Hirano, Y. *see* Ushiki, T. 54791
Hirano, Y. *see* Ushikil, T. 43100
Hiranuma, S., Motomura, T., Matsumura, K.-I., Sonoda, Y., Fukuoka, Y. Super micro electronic module for power supply 12053
Hirao, K. *see* Davis, K.M. 3433
Hirao, K. *see* Kajihara, K. 38965
Hirao, K. *see* Kanbara, H. 44628
Hirao, K. *see* Miura, K. 3741
Hirao, K. *see* Sugimoto, N. 4025
Hirao, T. *see* Iwamatsu, T. 53114
Hirao, T. *see* Koike, T. 11701
Hirao, T. *see* Nakashima, T. 21946
Hirao, T. *see* Nan Jiang 42365
Hirao, T. *see* Takasaki, Y. 7078
Hirao, Y. *see* Higuchi, T. 1289
Hiraoka, H., Kuramochi, T., Tomoda, S., Ando, M. A multifunction heat pump system 20242
Hiraoka, H. *see* Haruta, Y. 11907
Hiraoka, M. *see* Hamasaki, T. 11540
Hirari, M., Hayakawa, M. A neural network for the DOA of VLF/ELF radio waves 4762
Hirasaki, S. *see* Tsuyuguchi, T. 49429
Hirasawa, K. *see* Eki, Y. 60545
Hirasawa, M., Ichikawa, N., Egashira, Y., Komiyama, H. Synthesis of GaAs nano-particles by digital RF-sputtering 22505
Hirasawa, S. *see* Koga, H. 41166
Hirasawa, S. *see* Nishijima, T. 31238
Hirasawa, S. *see* Saito, Y. 32236
Hirasawa, S. *see* Satake, K. 14838
Hirasawa, S. *see* Yamashita, H. 32261
Hirashi, K., Yamamoto, H., Matsui, T., Watanabe, S., Nakaoka, M. Cost-effective practical developments of high-performance 1 kVA UPS with new system configurations and their specific control implementations 51228
Hirata, A., Hosoya, T., Machida, K., Takaoka, H., Akiya, H. A WSi_xN diffusion barrier formed with

electron cyclotron resonance nitrogen plasma 12767
Hirata, A., Onodera, H., Tamaru, K. Estimation of short-circuit power dissipation and its influence on propagation delay for static CMOS gates 11295
Hirata, G. *see* Kogo, T. 18337
Hirata, G. *see* Matsumoto, Y. 9536
Hirata, G. *see* Matsumoto, Y. 61093
Hirata, G.A., McKittrick, J., Lopez, O.A., Avalos-Borja, M. Thin conductive gallium-doped zinc oxide grown by pulsed laser deposition 55166
Hirata, G.A., McKittrick, J., Shea, L.E., Lopez, O.A., Avalos-Borja, M. Luminescent oxide thin films grown by pulsed laser deposition 55416
Hirata, H., Hori, M. Gas-flow uniformity and cell performance in a molten carbonate fuel cell stack 29611
Hirata, H. *see* Kaitsuka, T. 16383
Hirata, K., Ito, S., Ohmori, K. Lead free package technology 4P (Palladium Plating Panasonic Packages) 10171
Hirata, K., Mano, S., Kirimoto, T., Tachibana, Y. A method for arrangement of auxiliary antennas to minimize the influence of the incident directions of interferences on suppression performance in a multiple sidelobe canceller 45358
Hirata, K. *see* Eun-San Kim 49242
Hirata, K. *see* Mitsutake, Y. 44987
Hirata, K. *see* Mochizuki, K. 2591
Hirata, K. *see* Yoshitake, A. 51434
Hirata, M., Kamei, T. Personal computer based lighting design programs 39362
Hirata, M. *see* Cho, T. 37568
Hirata, M. *see* Ichioka, Y. 20791
Hirata, R. *see* Kawaguchi, Y. 21425
Hirata, S. A car navigation system with a communication function 9709
Hirata, S., Abe, S., Ishii, Y., Matoba, H., Inui, T. Fabrication and testing of an ink-jet head based on buckling behavior 43359
Hirata, S. *see* Onuki, M. 47724
Hirata, S.-I. *see* Morimoto, H. 36279
Hirata, T. *see* Akamatsu, H. 1261
Hirata, T. *see* Iso, N. 40840
Hirata, Y., Mitsunaka, Y., Hayashi, K., Itoh, Y. Wave-beam shaping using multiple phase-correction mirrors 22179
Hirata, Y. *see* Numazawa, T. 54533
Hirata, Y. *see* Takada, H. 43368
Hiratani, M., Okazaki, C., Imagawa, K., Takagi, K. $SrRuO_3$ thin films grown under reduced oxygen pressure 21351
Hiratani, T. *see* Haiji, H. 23323
Hiratate, Y. *see* Ohba, K. 37311
Hiratate, Y. *see* Shoji, T. 59217
Hirate, M. *see* Nonomura, T. 36349
Hiratsuka, H. *see* Watanabe, M. 51501
Hiratsuka, K. *see* Morimoto, T. 11770
Hiratsuka, K. *see* Toyama, T. 22277
Hiratsuka, N., Hosoi, A., Kobayashi, H., Kakizaki, K. Isobutane gas sensing characteristics of zinc-tin complex oxide system 36734
Hiratsuka, N., Kobayaski, H., Uchida, H., Katsube, T. Gas sensing characteristics of zinc-tin complex oxide thin films with spinel-type structure 17594
Hiratsuka, N. *see* Sena, K. 16351
Hiratsuka, R. *see* Dauderstadt, U.A. 36466
Hiratsuka, Y., Fujikawa, N. Equipment for wafer cleaning parallel down flow rinse 42456
Hirayama, A. *see* Doi, H. 2912
Hirayama, H., Yoshida, K., Koga, S., Hattori, H. DSP-based large vocabulary speaker-independent speech recognition 24833
Hirayama, H. *see* Hamano, T. 52607
Hirayama, H. *see* Momose, T. 36999
Hirayama, H. *see* Ono, F. 31502
Hirayama, K., Takamoto, S., Hayashi, Y., Koshiba, M. Finite-element analysis of finlines with magnetized lossy ferrites 41391
Hirayama, K. *see* Alam, M.S. 45261
Hirayama, K. *see* Nakagawa, A. 42926
Hirayama, M. *see* Fujino, T. 22740
Hirayama, M. *see* Kobayashi, K. 43060
Hirayama, M. *see* Nakao, S. 42891
Hirayama, M. *see* Nishikawa, M. 27130
Hirayama, M. *see* Ogata, T. 52791
Hirayama, N. *see* Sakai, H. 11589
Hirayama, Y. A block segmentation method for document images with complicated column structures 15465
Hirayama, Y. The fabrication by FIB of systems of interacting carriers 54232
Hirayama, Y., Futamoto, M., Ito, K., Honda, Y., Maruyama, Y. Development of high resolution and low noise single-layered perpendicular recording media for high density recording 32849
Hirayama, Y., Ukita, A. Automatic knowledge acquisition for adjustment of radio frequency amplifier 21934
Hirayama, Y. *see* Friedland, K.-J. 12452
Hirayama, Y. *see* Herfort, J. 12325
Hirayama, Y. *see* Kimoto, K. 23368
Hirayama, Y. *see* Matsuhashi, S. 4935
Hirche, J. Optimizing of sums and products of linear fractional functions under linear constraints 10341
Hird, M. *see* Robinson, W.K. 44108
Hiremath, B.V., L'Esperance, L.D. Fiber handling system for the manufacture of photonic components 3391
Hiriyannaiah, H.P. X-ray computed tomography for medical imaging 49520
Hirleman, D. *see* Huff, H.R. 48883
Hirleman, E.D. *see* Nebeker, B.M. 39897
Hirleman, E.D. *see* Starr, G.W. 39896
Hirler, H.-P. *see* Ambrosy, A. 26745
Hirn, R. *see* Leopold, H. 16424
Hiro Nishimura, T., Eguchi, T., Inoue, T., Hirachi, K., Maejima, Y., Saito, M. An analysis of a large air gap transformer by using a transcutaneous energy transmission 49798
Hiroe, T. *see* Iwasaki, M. 60646
Hirofumi, S. *see* Minoru, S. 29019
Hirohata, H. *see* Hayashibe, R. 59440
Hiroi, M. *see* Hane, M. 43069
Hiroike, A., Mori, Y., Sakurai, A. Shape discrimination by using integral features 25711
Hirokane, J., Takahashi, A. Magnetically induced superresolution using interferential in-plane magnetization readout layer 13741
Hirokane, J. *see* Takahashi, A. 44115
Hirokawa, E. *see* Noguchi, K. 59885
Hirokawa, J., Sakakibara, K., Kimura, Y., Ando, M., Goto, N. A two-beam slotted leaky waveguide array for mobile reception of dual polarization DBS 35935
Hirokawa, J. *see* Ando, M. 34359
Hirokawa, J. *see* Kyeong-Sik Min 34385
Hirokawa, J. *see* Sakakibara, K. 24599
Hirokawa, J. *see* Sakakibara, K. 34383
Hirokawa, J. *see* Salomonsson, D.J. 45404
Hirokawa, K., Itoh, K., Ichioka, Y. Optical wavelet processor by holographic bipolar encoding and joint-transform correlation 46007
Hirokawa, T. *see* Hakoda, K. 14957
Hirokawa, T. *see* Kitai, M. 46964
Hiroki, A. *see* Odanaka, S. 43043
Hiroki, A. *see* Wang, E.X. 12161
Hiromoto, N. *see* Hori, T. 41458
Hiromoto, N. *see* Hori, T. 44362
Hiromoto, N. *see* Hori, T. 44368
Hironaka, K. *see* Isobe, C. 52799
Hironaka, Y. *see* Ohmori, Y. 55466
Hironishi, K., Nishi, T., Maeda, T., Kuroyanagi, S. 4×4 PI-LOSS-topology based free-space switch for optical cross-connect systems 16735
Hirono, S. *see* Maeda, Y. 32784
Hirono, T., Kobayashi, H., Asai, H., Yokoyama, K. All-optical waveguide-type gain switch utilizing intersubband transition 42184
Hiroo, I. *see* Tadayoshi, T. 29100
Hirosawa, H. Degree of polarization of radar backscatters from a mixed target 50238
Hirosawa, H. *see* Fukuda, S. 25293
Hirosawa, H. *see* Yamashita, H. 7215
Hirosawa, I. Method of characterizing rubbed polyimide film for liquid crystal display devices using reflection ellipsometry 17702
Hirosawa, S., Kanekiyo, H. Nanostructure and magnetic properties of chromium-doped Fe_3B-$Nd_2Fe_{14}B$ exchange-coupled permanent magnets 32813
Hirosawa, S. *see* Hinomura, T. 43634
Hirosawa, S. *see* Sun, H. 32785
Hirosawa, S. *see* Sun, H. 43620
Hirosawa, S. *see* Tomida, T. 3095
Hirosawa, S. *see* Uehara, M. 23292
Hirosawa, Y., Tsukagoshi, I., Matsuoka, H., Watanabe, I., Takemura, K., Shiozawa, N., Ohta, T. Double-layer anisotropic conductive adhesive films 13080
Hirose, A., Eckmiller, R. Coherent optical neural networks and the generalization characteristics 23613
Hirose, A., Eckmiller, R. Direct frequency-information processing using neural networks 53505
Hirose, A., Eckmiller, R. Generalization ability of frequency-information-processing neural networks 56587
Hirose, A. *see* Conway, G.D. 7547
Hirose, F., Sakamoto, H. Adsorption mechanisms of Si_2H_6 and GeH_4 on Si(100)2×1 surfaces 12178
Hirose, F. *see* Iwashita, H. 11342
Hirose, F. *see* Sano, M. 40793
Hirose, H. Statistical consideration on the V-t characteristic model and the Weibull probability distribution 13298
Hirose, H. Mixture model of the power law 60394
Hirose, H., Toya, A., Nagawa, S., Uchida, K. Residual lifetime estimation by the mixture Weibull-power-law model [insulation reliability] 28897
Hirose, H., Yamaguchi, F., Sato, K., Ikeda, T., Nakamura, J., Daio, K., Takayanagi, Y. A 3 V video signal processing LSI using only bipolar technology 5272
Hirose, K., Babasaki, T., Motozu, T., Shiraha, M. Small-capacity VRLA battery with high temperature endurance and long lifetime 51466
Hirose, K., Sakurai, A. Detection of syntactic boundaries by partial analysis-by-synthesis of fundamental frequency contours 14987
Hirose, K., Yasuura, H. A comparison of parallel multipliers with neuron MOS and CMOS technologies 53247
Hirose, K. *see* Nakano, H. 34459
Hirose, M., Ishihara, N., Akazawa, Y. Instantaneous-response, adjustment-free, 156 Mbit/s limiting amplifier IC for burst-mode optical transmission 21512
Hirose, M., Matsuzawa, K., Mihara, M., Nitta, T., Kameyama, A., Uchitomi, N. A lightly doped deep drain GaAs MESFET structure for linear amplifiers of personal handy-phone systems 11683
Hirose, M., Miyake, M. An accurate and simple determination of small loop antenna characteristics at VHF band 56156
Hirose, M., Nishihori, K., Nagaoka, M., Ikeda, Y., Kameyama, A., Kitaura, Y., Uchitomi, N. A symmetric GaAs MESFET structure with a lightly doped deep drain for linear amplifiers operating with a single low-voltage supply 43119
Hirose, M. *see* Fukuda, M. 54220
Hirose, M. *see* Jun Xu 40528
Hirose, M. *see* Kamimura, S. 44320
Hirose, M. *see* Maeda, J. 55475
Hirose, M. *see* Shibahara, K. 43064
Hirose, S. *see* Hata, H. 2988
Hirose, S. *see* Takano, T. 13370
Hirose, T. *see* Arai, Y. 37267
Hirose, T. *see* Arai, Y. 37268
Hirose, T. *see* Ohmi, K. 33281
Hirose, T. *see* Senyo, K. 37386
Hirose, Y., Goto, T., Shiraishi, J., Yamanaka, S. Development of AlN substrate for high frequency devices 11675
Hirose, Y., Goto, T., Yamanaka, S., Tobioka, M. Development of an AlN multi-layered substrate for high frequency devices 53520
Hirose, Y., Kahn, A., Aristov, V., Soukiassian, P., Bulovic, V., Forrest, S.R. Chemistry and electronic properties of metal-organic semiconductor interfaces: Al, Ti, In, Sn, Ag, and Au on PTCDA 22440
Hirose, Y. *see* Ishikawa, Y. 54408
Hirose, Y. *see* Takano, H. 22661
Hirose, Y. *see* Yamagata, S.-I. 10161
Hiroshi, F. *see* Mikihiko, K. 21389
Hiroshima, H., Komuro, I., Gentili, M., Grella, L., Di Fabrizio, E., Maggiora, R. Fabrication of high-resolution Fresnel zone plates by a single layer resist process 32268
Hiroshima, H. *see* Gorwadkar, S.M. 32322
Hiroshima, H. *see* Komuro, M. 40621
Hiroshima, H. *see* Nomoto, K. 42934
Hiroshima, K. *see* Shimizu, A. 61083
Hiroshima, Y., Ishiguro, C., Esaki, K. Formation of a frozen nitrogen target and characterization for the application of pulsed laser deposition 40580
Hiroshima, Y. *see* Araki, H. 29862
Hirota, E. *see* Watanabe, H. 13434
Hirota, G. *see* Fuchs, H. 18220
Hirota, G. *see* State, A. 15495
Hirota, H. *see* Kato, N. 29548
Hirota, I. *see* Imai, T. 51879
Hirota, I. *see* Izaki, K. 51881
Hirota, J. *see* Murai, J. 10156
Hirota, K. Fundamentals of fuzzy logic and its hardware implementation 21651
Hirota, K. *see* Uehara, K. 25853
Hirota, K. *see* Yamaguchi, M. 31602
Hirota, K. *see* Yubazaki, N. 21712
Hirota, O. *see* Ban, M. 7117
Hirota, O. *see* Matsuda, N. 52756
Hirota, O. *see* Sasaki, M. 34735
Hirota, S. *see* Ishii, K. 50194
Hirota, T. *see* Kanda, A. 53687
Hirota, T. *see* Kaneko, M. 32493
Hirota, T. *see* Okazaki, H. 21955
Hirota, T. *see* Sekimoto, Y. 14602
Hirota, Y. *see* Miwa, T. 1332
Hirotani, M., Sale, T.E., Woodhead, J., Roberts, J.S., Robson, P.N., Saka, T., Kato, T. High power, high speed surface emitting LEDs with an InGaAs quantum well 44294
Hirotsuka, I. *see* Mizuno, T. 29756
Hirotsuka, I. *see* Tsuboi, K. 38736
Hiroyama, R. *see* Uetani, T. 33494
Hiroyasu Koshimizu *see* Masashi Morimoto 35174
Hiroyuki, S. *see* Takahira, O. 29119
Hiroyuki, U. *see* Masakazu, H. 61335
Hirsch, L.S. *see* Zhonghai Yu 2013
Hirsch, M., Johnson, M., Smith, D. Communication architectures for centralized monitoring and control of power equipment 50666
Hirsch, M., Kittel, A., Parisi, J. Spatial aspects connected with the nucleation process of current filamentation in p-type germanium 22210
Hirsch, M. *see* Giannone, L. 35201
Hirsch, M. *see* Ng, P.K. 51483
Hirsch, M.T., Duxstad, K.J., Haller, E.E. Effects of annealing on Ti Schottky barriers on n-type GaN 22438
Hirsch, T. *see* Meyer, K.L. 7990
Hirschenhofer, J.H. 1996 fuel cell status 20013
Hirschenhofer, J.H. Fuel cell status: 1996 50863
Hirschfeld, J. A bus-oriented LAN control system in the television studio field 36330
Hirschfeld, J. *see* Korschinsky, J. 58559
Hirschinger, J. *see* Gaa, M. 12272
Hirschman, C.B. *see* Burke, M. 47261
Hirschman, K.D., Tsybeskov, L., Duttagupta, S.P., Fauchet, P.M. Silicon-based visible light-emitting devices integrated into microelectronic circuits 23704
Hirschman, K.D. *see* Tsybeskov, L. 3673
Hirschman, K.D. *see* Tsybeskov, L. 13865
Hirschman, K.D. *see* Tsybeskov, L. 44289
Hirsh, J. *see* Kaminski, R.L. 16771

Hirshfield, E. The Globalstar system: breakthroughs in efficiency in microwave and signal processing technology 16637
Hirst, D.B. *see* Drummond, P.D. 23757
Hirst, E., Hadley, S., Baxter, L. Methods to estimate electric-utility transition costs 38246
Hirst, E., Kaye, P.H. Experimental and theoretical light scattering profiles from spherical and nonspherical particles 28621
Hirst, E. *see* Kaye, P.H. 28619
Hirst, P.F. *see* Ridge, N.A. 19910
Hirst, T., Harel, D. Taking it to the limit: on infinite variants of NP-complete problems 473
Hirt, G. *see* Mueller, M. 10638
Hirt, W. *see* Eleftheriou, E. 4660
Hiruma, K. *see* Hosomi, K. 22892
Hiruma, K. *see* Miyao, M. 10786
Hiruma, K. *see* Ogawa, K. 23662
Hiruta, Y. *see* Doi, K. 12023
Hiruta, Y. *see* Honma, S. 52206
Hiruta, Y. *see* Takubo, C. 20939
Hirvi, K.P., Paalanen, M.A., Pekola, J.P. IV-curves of tunnel junction arrays at lowered temperature by numerical simulation 27959
Hirvonen, J. *see* Kemppainen-Kajola, P. 17798
Hirvonen, J.-P. *see* Jervis, T.R. 22603
Hirvonen, K., Hasan, J., Hakkinen, V., Varri, A., Loula, P. The detection of drowsiness and sleep onset periods from ambulatory recorded polygraphic data 59689
Hirvonen, K. *see* Varri, A. 37810
Hirvonen, P. *see* Kalviainen, H. 15714
Hirvonen, P. *see* Kalviainen, H. 46225
Hirvonen, R. *see* Bastman, J. 19060
Hirvonen, T. *see* Juhola, M. 59622
Hirvonen, T. *see* Raisanen, A. 56169
Hirzinger, G. *see* Guo-Qing Wei 28405
Hisa, H. *see* Asami, E. 27622
Hisa, Y. *see* Takemoto, A. 26908
Hisa, Y. *see* Takiguchi, T. 52656
Hisada, T., Hayashida, S., Ouimet, S. Ceramic interposer technology for low cost plastic package 20925
Hisada, Y. *see* Araki, T. 6800
Hisada, Y. *see* Araki, T. 26868
Hisada, Y. *see* Murakami, S. 31501
Hisada, Y. *see* Yajima, M. 53607
Hisadome, K., Kihara, M. Probe noise in an optically pumped cesium beam frequency standard 27252
Hisakado, T., Okumura, K. Two-phase 1/3-subharmonic oscillations in symmetrical three-phase circuit 40851
Hisakado, T. *see* Okumura, K. 1177
Hisamatsu, T., Kawasaki, O., Matsuda, S., Washio, H., Saga, T., Matsutani, T., Suzuki, A. Reverse bias characteristics of modules made of solar cells with and without integrated bypass function (IBF) 37994
Hisamatsu, T. *see* Ohshima, T. 29649
Hisamatsu, T. *see* Taylor, S.J. 54574
Hisamoto, D., Tanaka, S., Tanimoto, T., Nakamura, Y., Kimura, S. Silicon RF devices fabricated by ULSI processes featuring 0.1-μm SOI-CMOS and suspended inductors 1724
Hisamoto, D. *see* Kachi, T. 2801
Hisamoto, D. *see* Murakami, E. 43024
Hisamoto, D. *see* Umeda, K. 43087
Hisamura, T. *see* Ohta, A. 10320
Hisanaga, N. *see* Baba, H. 49065
Hisano, K. Non-contact measurement of thermal conduction by infrared radiation calorimetry 59075
Hisano, K., Iwasaki, H., Ishizuka, M., Makita, S. Thermal design of compact electronic equipment 30302
Hisano, K. *see* Ishizuka, M. 10089
Hisano, K. *see* Ishizuka, M. 30305
Hisano, K. *see* Sasaski, T. 10942
Hisatsugu, T. *see* Goto, K. 42396
Hishikawa, Y. *see* Kameda, M. 39128
Hishikawa, Y. *see* Maruyama, E. 30901
Hishinuma, M. *see* Yasuda, I. 29620
Hishitani, E. *see* Araki, N. 28410
Hiskens, I.A., Davy, R.J. Lyapunov function analysis of power systems with dynamic loads 50324
Hiskens, I.A., Milanovic, J.V. Locating dynamic loads which significantly influence damping 50364
Hiskens, I.A. *see* Burrowes, G. 19645
Hiskens, I.A. *see* Gronquist, J.F. 50507
Hiskens, L.A. *see* Arnborg, S. 38250
Hiskes, R. *see* Snyder, G.J. 23290
Hiss, G. On the incidence matrix of the Ree unital 45554
Hitchens, L. Interference on the line–EMC problems with variable speed drives 51673
Hitchens, M., Varadharajan, V. Design choices for symmetric key based inter-domain authentication protocols in distributed systems 25921
Hiti, S. *see* Cucej, Z. 50909
Hitomi, T. *see* Takahira, O. 29119
Hitt, E.F. Avionics cost of ownership 49881
Hitzman, C.J. *see* Smith, S.P. 43202
Hitzschke, L. *see* Vollkommer, F. 1901
Hiura, S., Yamaguchi, A., Sato, K., Inokuchi, S. Real-time object tracking by rotating range sensor 7416
Hiura, S. *see* Amano, T. 5283
Hiura, Y. *see* Takagi, M.T. 43276
Hix, R.W., Jr., Haggard, R.L. Comparative design methodologies for FPGA based computer arithmetic 41048
Hiyama, F. *see* Wakui, S. 60641
Hiyama, T. Integrated fuzzy logic stabilizing controller for power systems 38304
Hiyama, T. *see* Kato, T. 51866
Hiyama, T. *see* Morimoto, A. 38680
Hiyama, T. *see* Ortmeyer, T.H. 8889
Hiyamizu, S., Saeki, T., Motokawa, T., Shimomura, S., Kitada, T., Adachi, A., Okamoto, Y., Kusunoki, T., Nakajima, K., Sano, N. Extremely flat interfaces in $In_{0.04}Ga_{0.96}As/Al_{0.3}Ga_{0.7}As$ quantum wells grown on (411)A $In_{0.04}Ga_{0.96}As$ substrates by MBE 42109
Hiyamizu, S. *see* Tomita, N. 22375
Hiyoshi, M., Yanagisawa, S., Nishitani, K., Kotake, K., Matsuda, H., Teramae, S., Baba, Y. A 1000 A 2500 V pressure mount RC-IGBT 51154
Hizal, A. *see* Aydin, B. 34329
Hizal, A. *see* Aydin, O. 4332
Hizal, A. *see* Yildiz, H. 4301
Hizanidis, K. *see* Savaidis, S. 45157
Hiziroglu, H.R. *see* Nguyen, T.D. 43460
Hiznyakov, V. Generation of photon pairs and frequency doubling in a moving reference frame 4050
Hjalmarson, H.P. *see* Barnes, P.A. 12540
Hjalmarson, H.P. *see* Zutavern, F.J. 49073
Hjalmtysson, G., Konheim, A.G. The sticky buffer flow control for the ATM 5711
Hjalmtysson, G., Konheim, A.G. Policing and traffic shaping at the user-network-interface (UNI) 46578
Hjelm, J. On the Move: mobile information systems 57955
Hjelme, D.R., Bakke, B., Rambech, J.S., Neergard, S. Multiplexed fiber optic Bragg-grating strain sensor system for use in marine vehicle testing 51737
Hjelme, D.R., Bjerkan, L., Neegard, S., Rambech, J.S., Aarsnes, J.V. Application of Bragg grating sensors in the characterization of scaled marine vehicle models 36600
Hjelt, K., Tuomi, T. Photoluminescence and electrical properties of MOVPE-grown zinc-doped gallium antimonide on gallium arsenide 52670
Hjort, E. *see* Wieman, H. 59275
Hjort, E.L. *see* Betts, W. 59222
Hjort, K. Sacrificial etching of III-V compounds for micromechanical devices 23033
Hjort, K., Streubel, K., Viktorovitch, P. Indium phosphide based micro optoelectro mechanics 44196
Hjort, K., Thornell, G., Schweitz, J.-A., Spohr, R. Quartz micromachining by lithographic control of ion track etching 13153
Hjort, K. *see* Thornell, G. 13251
Hjorungnes, A., Lervik, J.M., Ramstad, T.A. Entropy coding of composite sources modeled by infinite Gaussian mixture distributions 45642
Hjung-Yoon Choi *see* Ho-Sook Lee 58319
Hla Min *see* Iyengar, S.S. 25451
Hladky, A.-C. *see* Alkoy, S. 17311
Hladky, J. Spaghetti calorimeter Spacal 18117
Hlavac, M.J., Feder, D. VRLA battery conductance monitoring. V. Strategies for VRLA battery testing and monitoring in telecom operating environments 51485
Hlavac, V. *see* Werner, T. 46270
Hlavacek, I., Chleboun, J. A recovered gradient method applied to smooth optimal shape problems 645
Hlavacek, I., Krizek, M. Optimal interior and local error estimates of a recovered gradient of linear elements on nonuniform triangulations 643
Hlavav, V. *see* Werner, T. 5054
Hlavka, J. Photoeffect in porous silicon 33223
Hlawatsch, F., Papandreou-Suppappola, A., Boudreaux-Bartels, G.F. The hyperbolic class of quadratic time-frequency representations. II. Subclasses, intersection with the affine and power classes, regularity, and unitarity 34777
Hlawatsch, F., Twaroch, T. Covariant (α,β), time-frequency, and (a,b) representations 45771
Hlawatsch, F., Twaroch, T., Bolcskei, H. Wigner-type a-b and time-frequency analysis based on conjugate operators 15364
Hlawatsch, F. *see* Bolcksei, H. 1590
Hlawatsch, F. *see* Bolcskei, H. 11598
Hlawatsch, F. *see* Bolcskei, H. 45782
Hlawatsch, F. *see* Bolcskei, H. 45934
Hlawatsch, F. *see* Matz, G. 34934
Hlawatsch, F. *see* Papandreou-Suppappola, A. 34929
Hlawiczka, A. Structures of built-in testers for self-testable sequential circuits. I. Role of linear feedback shift registers 11257
Hlawiczka, A. Linear registers designing using ACTEL's field programmable gate arrays. III 53253
Hlawiczka, A., Silva, J.G., Simoncini, L. *(editors)* Dependable Computing - EDCC-2. Second European Dependable Computing Conference Proceedings 20377
Hlidek, P. *see* Zvara, M. 12589
Hloska, V. *see* Kvasnica, P. 19194
Hmida, F.Ben *see* Ben Hmida, F.
Hmimy, H.H., Gupta, S.C. Statistical model of delay spread and coherence bandwidth for wideband PCS at millimeter-waves in an urban mobile radio environment 6570
Hmyene, M. *see* Novikova, T.S. 44219
Hnyk, R. ISDN/SMDS–Infrastructures for the Internet service 26255
Hnyk, R. *see* Hauber, C. 16390
Ho, A.K. *see* Young, S. 28428
Ho, B.K.T., Min-Jen Tsai, Jun Wei, Ma, M., Saipetch, P. Video compression of coronary angiograms based on discrete wavelet transform with block classification 18272
Ho, C. Are memory-module testers a niche or a need? 31267
Ho, C. High volume testing for memory sub-systems 41191
Ho, C. *see* Liu, K. 12050
Ho, C. *see* Skinner, M.P. 302
Ho, C. *see* Wells, G.T. 53857
Ho, C.H., Shumaker, P.K., Lu Fan, Smith, K.B., Liao, J.W. A novel GPS avionics antenna 36288
Ho, C.H., Shumaker, P.K., Smith, K.B., Wang, J.W., Wang, H.Y. A novel GPS avionics slot antenna 14711
Ho, C.H. *see* Jong-Chul Lee 3667
Ho, C.H. *see* Shumaker, P.K. 36290
Ho, C.K., Man, H.C., Yue, T.M., Yuen, C.W. Laser etching of polymer masked leadframes 40501
Ho, C.L. *see* Antos, J. 37373
Ho, C.P., Panda, S.K. Nonlinear control for DC servo motors 60789
Ho, F., Hou, A.S., Nechay, B.A., Bloom, D.M. Ultrafast voltage-contrast scanning probe microscopy 58949
Ho, F.F. *see* Yeh, Y.C.M. 37982
Ho, F.Hubert *see* Hubert Ho, F.
Ho, H.P. Application of dual probe direct interference to multilayered high density optical storage: a proposal 43925
Ho, I. *see* Meier, K. 11951
Ho, I.H. *see* Chun, Y.S. 40355
Ho, I.H. *see* Murata, H. 40350
Ho, I.H. *see* Murata, H. 54073
Ho, J., Cam Luong, H. A 3-V, 1.47-mW, 120-MHz comparator for use in a pipeline ADC 53372
Ho, J. *see* Bloch, M. 28537
Ho, J. *see* Bult, K. 17268
Ho, J.K., Loute, E. On the degree of decomposition in linear programming 30530
Ho, J.S., Loshin, D.S., Barton, R.S., Juday, R. Reading rates of patients with central scotomas with electronic remappings 5212
Ho, J.T.C. *see* Donnelly, K.S. 11610
Ho, J.Y.L., Wong, K.S. High-speed metal-semiconductor-metal photodetector formed by silicon trenches 7354
Ho, J.Y.L. *see* Kan, S.C. 33091
Ho, K.-M. *see* Biswas, R. 1706
Ho, K.-M. *see* Sigalas, M.M. 14697
Ho, K.-P., Kahn, J.M. Combined source-channel coding using channel-optimized quantizer and multicarrier modulation 4495
Ho, K.-P., Kahn, J.M. Image transmission over noisy channels using multicarrier modulation 25551
Ho, K.-P. *see* Lin, B.C. 6860
Ho, K.-P. *see* Tong, F. 26751
Ho, K.C., Chan, Y.T., Inkol, R. A digital quadrature demodulation system 4430
Ho, K.C., Chan, Y.T., Johnson, M.O. Estimation of delay and Doppler by wavelet transform 26985
Ho, K.C., Griffel, G., Tamir, T. Polarization splitting in lossy/gainy MQW directional couplers 33067
Ho, K.C. *see* Liu, Q.G. 45906
Ho, K.L. *see* Fong, W.C. 46430
Ho, K.L. *see* Ni, J.Q. 5156
Ho, K.L. *see* Siu, Y.M. 35684
Ho, L.T., Lin, F.Y. Ground-state structure of beryllium-related acceptor impurity centers in silicon 54050
Ho, M., Farrell, A., De Wiele, J. SNMP management of telecommunications carrier networks 35604
Ho, M.H. *see* Tan, E.C. 53108
Ho, P. *see* Chu, J. 48667
Ho, P. *see* Leung, E. 45526
Ho, P. *see* Nesper, O. 47822
Ho, P.K.H. *see* Zhou, L. 10960
Ho, P.K.M. *see* Cavers, J.K. 45613
Ho, P.P. *see* Yongqing Xiang 46009
Ho, R.C., Horowitz, M.A. Validation coverage analysis for complex digital designs 11348
Ho, R.J. *see* Casinovi, G. 32482
Ho, S. *see* Adiletta, M. 47466
Ho, S. *see* Nakamura, K. 5270
Ho, S. *see* Reynolds, D. 7415
Ho, S.L., Fu, W.N., Wong, H.C. Application of automatic choice of step size for time stepping finite element method to induction motors 50991
Ho, S.L., Fu, W.N., Wong, H.C. An incremental method for studying the steady state performance of induction motors using time stepping finite element model 50992
Ho, S.T. *see* Gill, D.M. 3413
Ho, T.T., Fieguth, P.W., Willsky, A.S. Multiresolution stochastic models for the efficient solution of large-scale space-time estimation problems 28661
Ho, W. *see* Norris, P.E. 10797
Ho, W. *see* Oh, S.Y. 43240
Ho, W. *see* Ustin, S.A. 10800

Ho, W.-J. *see* Wei, C.-J. 21912
Ho, W.P., Yip, R.K.K. A dynamic programming approach for stereo line matching with structural information 5297
Ho, W.P. *see* Yip, R.K.K. 57245
Ho, Y.-C. *see* Chow, S.-H. 31217
Ho, Y.A., Hui, H.T., Yung, E.K.N. A 1×2 dielectric-loaded helical antenna array 34476
Ho, Y.A. *see* Hui, H.T. 34487
Ho, Y.P., Li, H., Chen, Y.J. Flat channel-passband-wavelength multiplexing and demultiplexing devices by multiple-Rowland-circle design 36129
Ho Chang Jung *see* Seog Nam Kim 29047
Ho Che-Shun *see* Che-Shun Ho
Ho Chi-Kin *see* Chi-Kin Ho
Ho Chih-Ming Control of fluid flows by micro transducers 27521
Ho Chih-Ming *see* Chih-Ming Ho
Ho Chin Yong *see* Yong Ho Chin
Ho Ching-Tien *see* Ching-Tien Ho
Ho Cho Chung *see* Chung Ho Cho
Ho Cho Kun *see* Kun Ho Cho
Ho Cho Sung *see* Sung Ho Cho
Ho Choh Sung *see* Sung Ho Choh
Ho Choi Byoung *see* Byoung Ho Choi
Ho Choi Jin *see* Jin Ho Choi
Ho Choi Min *see* Min Ho Choi
Ho Chun Jang *see* Jang Ho Chun
Ho Chun-On *see* Chun-On Ho
Ho Chun-Ta *see* Chun-Ta Ho
Ho Chung *see* Chung Ho
Ho Chung Jae *see* Jae Ho Chung
Ho Chung Yoon *see* Yoon Ho Chung
Ho Gyeong Chang *see* Woo Seop Lee 18963
Ho Hong Seung *see* Seung Ho Hong
Ho Hyung Suh *see* Seok Ho Song 26701
Ho I-Hsiu *see* I-Hsiu Ho
Ho Jan-Ming *see* Jan-Ming Ho
Ho Je Jung *see* Jung Ho Je
Ho Jeong Chang *see* Gee Keun Chang 42734
Ho Jin Cho, Jong Myeong Lee, Ju Cheol Shin, Hyeong Joon Kim Electrical and microstructural properties of $SrTiO_3$ thin films deposited by metalorganic chemical vapor deposition 52801
Ho Jin Jeong *see* Bong Wan Lee 27643
Ho Jung Paik Principles of STEP accelerometer design 7592
Ho Jyh-Jier *see* Jyh-Jier Ho
Ho Keang-Po *see* Keang-Po Ho
Ho Ken-Chung *see* Ken-Chung Ho
Ho Ki Kwon *see* Byung-Deuk Jeon 12324
Ho Kim Jae *see* Jae Ho Kim
Ho Kim Sung *see* Sung Ho Kim
Ho Kim Tae *see* Tae Ho Kim
Ho Kim Yong *see* Yong Ho Kim
Ho Kim Yun *see* Yun Ho Kim
Ho Kuai Junz *see* Kuai Junz Ho
Ho Kwok-Chiang *see* Kwok-Chiang Ho
Ho Kwun-Yao *see* Kwun-Yao Ho
Ho Kyu Choi, Sang Wu Kim Frequency-hopped spread spectrum multiple-access communication with nonorthogonal BFSK signaling in a Rayleigh fading channel 47551
Ho Kyu Kang *see* Han Sin Lee 2361
Ho Kyu Kang *see* Tai-Su Park 42593
Ho Kyung Kim, Gyuseong Cho Signal generation due to alpha particle in hydrogenated amorphous silicon radiation detectors 18121
Ho Lee Choong *see* Choong Ho Lee
Ho Lee Gun *see* Gun Ho Lee
Ho Lee Hyoung *see* Hyoung Ho Lee
Ho Lee Jin *see* Jin Ho Lee
Ho Lee Moung *see* Moung Ho Lee
Ho Lee Sang *see* Sang Ho Lee
Ho Lee Seung *see* Seung Ho Lee
Ho Lee Sung *see* Sung Ho Lee
Ho Lim Sung *see* Sung Ho Lim
Ho Ma Chi *see* Chi Ho Ma
Ho Ming-Ju *see* Ming-Ju Ho
Ho Mow Wai *see* Wai Ho Mow
Ho Oh Byeong *see* Byeong Ho Oh
Ho Park Bae *see* Bae Ho Park
Ho Park Dong *see* Dong Ho Park
Ho Park Jung *see* Jung Ho Park
Ho Park Kyu *see* Kyu Ho Park
Ho Park Sang *see* Sang Ho Park
Ho Park Young *see* Young Ho Park
Ho Pei-Hsin *see* Pei-Hsin Ho
Ho Phong *see* Phong Ho
Ho Pun Wai *see* Wai Ho Pun
Ho Rhee Eung *see* Eung Ho Rhee
Ho See-Loke *see* See-Loke Ho
Ho Seong Lee *see* Young Ho Park 3948
Ho Shin Dong *see* Dong Ho Shin
Ho Shin Jeong *see* Jeong Ho Shin
Ho Shin Kyung *see* Kyung Ho Shin
Ho Shin Sung *see* Sung Ho Shin
Ho Shing-Huei *see* Shing-Huei Ho
Ho Song Jin *see* Jin Ho Song
Ho Song Man *see* Man Ho Song
Ho Song Seok *see* Seok Ho Song
Ho Taek Seo *see* Won Sang Jeong 19521
Ho Tai-Hsuan *see* Tai-Hsuan Ho
Ho Tin Kam *see* Tin Kam Ho
Ho Wen-Jen *see* Wen-Jen Ho
Ho Wen-Jeng *see* Wen-Jeng Ho
Ho Whang Ick *see* Whang Ick Ho
Ho Wong, J.Ka *see* Ka Ho Wong, J.
Ho Wu Dong *see* Dong Ho Wu
Ho Yang, Ingram, A. Design of partially adaptive arrays using the singular-value decomposition 56224
Ho Yang, Ingram, M.A. Partially-adaptive array design using the singular value decomposition 25032
Ho Yang Chong *see* Chong Ho Yang
Ho Yeh-Chin *see* Yeh-Chin Ho
Ho Yen-Ping *see* Yen-Ping Ho
Ho Yeom Tae *see* Tae Ho Yeom
Ho Yi-Tin *see* Yi-Tin Ho
Ho Yo-Sung *see* Yo-Sung Ho
Ho Yoo Kun *see* Kun Ho Yoo
Ho Yun-Pan *see* Yun-Pan Ho
Ho-Chao Huang, Ja-Ling Wu New generation of real-time software-based video codec: Popular Video Coder II (PVC-II) 16477
Ho-Chao Huang, Yi-Ping Hung, Wen-Liang Hwang Adaptive early jump-out technique for fast motion estimation in video coding 5583
Ho-En Liao, Sethares, W.A. The establishment of nonlinear-counterpart Wiener filters based on orthogonal projection 11551
Ho-Gi Kim *see* Jeong-Ho Cho 30976
Ho-Gi Kim *see* Jeong-Ho Cho 32677
Ho-Gi Kim *see* Nam-Kyeong Kim 52800
Ho-Gi Kim *see* Won-Jae Lee 2957
Ho-Gi Kim *see* Yung Park 54951
Ho-Hoang, A. *see* Jeszka, J.K. 22321
Ho-Hyung Suh *see* Deug-Ju Lee 36118
Ho-Joon Park *see* Tae-Gyoo Lee 51667
Ho-Jun Song, Jung-Pill Kim, Jae-Jin Lee, Jong-Hoon Oh, Seung-Han Ahn, Inseok Hwang A 200 MHz register-based wave-pipelined 64 M synchronous DRAM 21676
Ho-Jun Song *see* Chong-Min Kyung 43213
Ho-Keun Song, Jong-Soo Choi Edge detection method for range image using pseudo reflectance images 5152
Ho-Kwang Yow *see* Ng, C.-M.S. 12907
Ho-Kyoung Lee, Weber, C.L. Multiple-symbol trellis-coded modulation applied to noncoherent continuous-phase frequency shift keying 34515
Ho-Pyeong Lee, Hong-Yeon Hwang Design of two-degree-of-freedom robust controllers for a seeker scan loop system 50291
Ho-Seob Kim *see* Yu, M.L. 22151
Ho-Seok Lee, Soon-Bong Cho, Dong-Seok Hyun Speed control of induction machines using fuzzy algorithm with hierarchical structure 39262
Ho-Seong Kim *see* Jong-Woo Shin 13178
Ho-Seong Kim *see* Seok-Whan Chung 44149
Ho-Sook Lee, Hjung-Yoon Choi, Sung-Woo Park, Young-Chon Kim, Suk-Ju Jung, Sang-Il Lee A collision-free reservation protocol for WDM optical star networks 58319
Ho-Sung Cho *see* Nara Hwang 3842
Ho-Ting Wu *see* Ofek, Y. 35748
Ho-Youl Jung, Tae-Young Choi, Prost, R. Rounding transform for lossless image coding 56726
Ho-Young Kang *see* Byung-Hyuk Jun 55374
Ho-Young Kwak *see* Si-Doek Oh 29106
Hoa, D.H.B. *see* Tillerot, F. 26852
Hoa, D.Hui Bon *see* Hui Bon Hoa, D.
Hoad, J.E. *see* Steele, A.L. 55818
Hoadley, F.L. *see* Epperly, R.A. 61112
Hoag, H. *see* Ruth, R.D. 49165
Hoag, H.A. *see* Miller, R.H. 49048
Hoag, H.A. *see* Seidel, M. 49050
Hoag, H.A. *see* Wang, J.W. 49051
Hoag-Hee Lee *see* Sewan Choi 29392
Hoai An Le Thi *see* Le Thi Hoai An
Hoang, E. *see* Laurent, P. 60704
Hoang, H.S., Baraille, R., Talagrand, O., De Mey, P., Carton, X. On the design of a stable adaptive filter 45821
Hoang Anh Huy *see* Pucher, F. 16288
Hoang Lan *see* Lan Hoang
Hoang Le-Huy *see* Minh Ta-Cao 20132
Hoang Ngoc Minh Summations of polylogarithms via evaluation transform 21024
Hoashi, T., Onodera, T., Hagio, F., Kagawa, Y. On the evaluation of receiving power of a Fresnel-zone-plate lens antenna 14701
Hoath, P. *see* Blake, M. 49412
Hoban, P.T. *see* Shammas, N.Y.A. 42928
Hoban, P.W. *see* Keall, P.J. 37921
Hobart, K.D., Kub, F.J., Thompson, P.E., Potyraj, P.A., Petrosky, K.J. Very high power S-band SiGe heterojunction bipolar transistors 1714
Hobart, K.D. *see* Potyraj, P.A. 21924
Hobbs, B.F. *see* Fisher, C. 19156
Hobbs, B.F. *see* Leppitsch, M.J. 19526
Hobbs, D.S. *see* Friedman, L.J. 7635
Hobbs, P.C.D. Ultrasensitive laser measurements without tears 33777
Hobbs, P.J. *see* Hyung Gi Byun 58878
Hobbs, P.J. *see* Persaud, K.C. 27746
Hobbs, R. *see* Jackel, J.L. 3496
Hobbs, S.L. *see* Allen, J.C. 15217
Hobby, J.D. Space-efficient outlines from image data via vertex minimization and grid constraints 57147
Hoberock, L.L. *see* Chen, B. 5186
Hobgood, H.M. *see* Agarwal, A.K. 42044
Hobgood, H.M. *see* Gradinaru, G. 31892
Hobler, G. Net point defect concentrations after ion implantation in silicon 54346
Hobler, G. *see* Nukulin, A.Yu. 41826
Hobler, G. *see* Senkader, S. 12158
Hobsley, M. *see* Jameson, D.G. 6300
Hobson, E. *see* Bozic, Z. 60377
Hobson, L. *see* Petkov, R. 51168
Hobson, P.R. *see* Fang, X. 24286
Hobson, R.F., Wong, P.S., Evenson, S.A. An embedded-processor architecture for parallel DSP algorithms 21703
Hobson, W.S. *see* Dutta, N.K. 33507
Hobson, W.S. *see* Dutta, N.K. 44458
Hobson, W.S. *see* Hong, J. 2415
Hobson, W.S. *see* Hong, J. 12738
Hobson, W.S. *see* Hong, J. 12762
Hobson, W.S. *see* Hong, J. 22590
Hobson, W.S. *see* Hong, J. 32187
Hobson, W.S. *see* Lee, J.W. 22587
Hobson, W.S. *see* Lee, J.W. 22592
Hobson, W.S. *see* Lee, J.W. 54437
Hobson, W.S. *see* Lee, K.N. 42519
Hobson, W.S. *see* Partovi, A. 3354
Hobson, W.S. *see* Ren, F. 2403
Hobson, W.S. *see* Ren, F. 43103
Hoch, R. *see* Chunming Niu 41537
Hochbaum, D.S., Pathria, A. The bottleneck graph partition problem 10317
Hochbaum, D.S. *see* Goldschmidt, O. 52490
Hochberg, A., Bryce, C. New family of engineering thermoplastics with inherent static dissipative properties 39792
Hochberg, A.K. *see* Custer, J.S. 42258
Hochberg, A.K. *see* Healy, M.D. 40598
Hochberg, M. *see* Kershaw, D. 56387
Hochberg, M. *see* Renals, S. 14884
Hochberg, M.M. *see* Cook, G.D. 15143
Hochberg, T., Merkelo, H. Propagation characteristics of coaxial cable with a helically wound ground shield 4300
Hochberg, T.A. *see* Miley, G.H. 22138
Hochepied, J.F. *see* Levy, L. 30715
Hochgraf, C., Lasseter, R.H. A transformer-less static synchronous compensator employing a multi-level inverter 50554
Hochgurtel, G. Nonlinear recording with hard-disc camcorders 17100
Hochhalter, R. *see* Fulkerson, D. 40989
Hochheim, K.P., Barber, D.G., Bullock, P.R. Spring wheat yield prediction for Western Canada using weekly NOAA AVHRR composites 18939
Hochheiser, D. *see* Bleich, M.E. 55594
Hochman, J.M., Gilgenbach, R.M., Jaynes, R.I., Rintamaki, J.I., Luginsland, J.W., Lash, J.S., Lau, Y.Y., Spencer, T.A. Rectangular interaction structures in high power gyrotron devices 12087
Hochman, J.M., Gilgenbach, R.M., Jaynes, R.L., Rintamaki, J.I., Lau, Y.Y., Luginsland, J.W., Lash, J.S., Spencer, T.A. Rectangular cross-section high power gyrotron 53972
Hochman, J.M. *see* Jaynes, R.L. 12086
Hochmuth, R. *see* Dahlke, S. 40130
Hochreiter, J. *see* Gaugitsch, M. 3492
Hochwald, B., Nehorai, A. Magnetoencephalography with diversely oriented and multicomponent sensors 18316
Hochwald, B., Nehorai, A. On identifiability and information-regularity in parametrized normal distribution 45490
Hochwitz, T. *see* Henning, A.K. 32141
Hock, G. *see* Gluck, M. 31495
Hock, G. *see* Hagelauer, R. 31193
Hock, V. *see* Schull, K. 54164
Hock Chuan Chan *see* Shiang Long Lee 46914
Hockanson, D.M., Drewniak, J.L., Hubing, T.H., Van Doren, T.P., Fei Sha, Wilhelm, M.J. Investigation of fundamental EMI source mechanisms driving common-mode radiation from printed circuit boards with attached cables 1771
Hockanson, D.M., Lam, C.-W., Drewniak, J.L., Hubing, T.H., Van Doren, T.P. Experimental and numerical investigations of fundamental radiation mechanisms in PCB designs with attached cables 41585
Hockett, R.S., Diebold, A. Surface SIMS round robin for Na, Al and K on silicon wafers 48283
Hockett, R.S. *see* Brundle, C.R. 43178
Hockett, R.S. *see* Lindley, P.M. 43177
Hockett, R.S. *see* Smith, S.P. 43202
Hocking, W.K. System design, signal-processing procedures, and preliminary results for the Canadian (London, Ontario) VHF atmospheric radar 60049
Hocking, W.K., Thayaparan, T. Simultaneous and colocated observation of winds and tides by MF and meteor radars over London, Canada (43°N, 81°W), during 1994-1996 60057
Hockley, C.J., Appleton, D.P. Setting the requirements for the Royal Air Force's next generation aircraft 60133
Hockney, R.L., LeBlanc, P.L. Powering of remote node locations using flywheel energy storage 51630
Hoctor, R.T. *see* Hershey, J.E. 24663
Hodari, A.K. *see* Qingnan Wang 44682
Hodder, D.J. *see* Matsumoto, T. 35999
Hodel, H. Multicast routing–basis of multimedia conferencing in the Internet. II. Status and outlook 6338
Hoder, H. *see* Lassila, A. 36584
Hodge, A., Newcomb, R.W. VLSI chaos generation–hysteresis and the neural type cell 53492
Hodge, A., Zaghloul, M., Newcomb, R.W. Synchronization of neural-type cells 1675

Hodge, C., Zedek, M., Patel, S. Regulatory requirements for discharge of aqueous cleaners to the sewerage facilities of the County Sanitation Districts of Orange County 39740
Hodge, C. *see* Mattick, D. 18997
Hodge, C.C., Davis, J.A. Timing options and frequency control concepts for meeting user requirements with the second-generation global navigation satellite system (GNSS2) 26674
Hodge, C.C., Davis, J.A. Europe's role in the next millennium towards the development of the next generation of global navigation satellite systems (GNSS) 48173
Hodge, L.A. *see* Huffaker, D.L. 2416
Hodges, B., Dvorak, J., Braun, C. A fault control system using solid state circuit breakers and high temperature superconducting fault current limiters 50648
Hodges, C.R. *see* Huey, K. 8253
Hodges, J. *see* Crumbly, I. 20610
Hodges, P. *see* Palm, P. 16263
Hodges, R.E., Rahmat-Samii, Y. On sampling continuous aperture distributions for discrete planar arrays 4386
Hodges, R.E., Rahmat-Samii, Y. The evaluation of MFIE integrals with the use of vector triangle basis functions 33923
Hodges, R.E., Rahmat-Samii, Y. An iterative current-based hybrid method for complex structures 34210
Hodges, S.E., Munroe, M., Cooper, J., Raymer, M.G. Multimode laser model with coupled cavities and quantum noise 33592
Hodges, S.E., Munroe, M., Gadomski, W., Cooper, J., Raymer, M.G. Turn-on transient dynamics in a multimode, compound-cavity laser 33591
Hodges, S.L., Lumpp, J.K. Evaluation of lead-free solder and no-clean flux for attachment of packaged high power components to direct bond copper 52220
Hodgkins, D.J. *see* Sherman, J.D. 49174
Hodgkiss, W.S., Ensberg, D.E., Murray, J.J., D'Spain, G.L., Booth, N.O., Schey, P.W. Direct measurement and matched-field inversion approaches to array shape estimation 18865
Hodgkiss, W.S. *see* Booth, N.O. 18866
Hodgson, A.J., John, M.J., Campbell, T., Georgevich, A., Woodhouse, S., Aoki, T., Ogata, N., Wallace, G.G. Integration of biocomponents with synthetic structures–use of conducting polymer polyelectrolyte composites 7440
Hodgson, C.W. *see* Swanson, E.A. 18246
Hodgson, D.C., Ekerol, H. The high-speed tracking of flexible confectionery packets using the Hough transform 4930
Hodgson, E.R. *see* Morono, A. 54986
Hodgson, E.R. *see* Vila, R. 32608
Hodgson, J.E., Daniels, A.R., Dale, L.A. Evaluation of power system stability constraint costs by a Monte Carlo method 19181
Hodgson, J.E. *see* Bennett, A.C. 19192
Hodgson, K.O. *see* Iwanczyk, J.S. 37343
Hodgson, R. *see* Cherkasova, L. 26144
Hodjat, N. *see* Fayyaz, N. 34256
Hodjat, N. *see* Safavi-Naeini, S. 34276
Hodnett, P.F. *see* Hyde, O. 50468
Hodowanec, M.M. Effects of coupling installation on motor performance 29200
Hodowanec, M.M. External loading and bearing problems in direct connected motors 50889
Hodson, R.F., Doughty, D.C., Jr., Allgood, D.C., Wilson, W.C. A content addressable memory with independent byte and partial match capability 1421
Hodson, W.R. How fieldbus will affect DCS architecture 16271
Hodyr, K., Wysocki, S. Conductivity of polyethylene induced by pulsed UV light, fast electrons and X-rays 43522
Hoe Chong Weng *see* Chong Weng Hoe
Hoe Tan Hark *see* Hark Hoe Tan
Hoe-Sup Soh *see* Jae-Ik Woo 12981
Hoecker, D.A. *see* Christianson, O.R. 51623
Hoefer, W.J.R. Time domain modeling of high-speed circuit structures with TLM 39822
Hoefer, W.J.R. *see* Cascio, L. 24531
Hoefer, W.J.R. *see* de Menezes, L.R.A.X. 24530
Hoefer, W.J.R. *see* Eswarappa, C. 34124
Hoeferkamp, M. *see* Antos, J. 37373
Hoeferkamp, M.R. *see* Seidel, S.C. 37387
Hoefert, M. *see* Fasso, A. 37923
Hoefler, A. *see* Suzuki, K. 43068
Hoeflich, J. *see* Abe, K. 59233
Hoefs, A. Radio documentation within private broadcasting stations 36316
Hoeft, L.O. Using spreadsheet programs on personal computers for electromagnetic coupling calculations 45182
Hoeft, L.O., Salas, T.M., Prather, W.D. Development of an embedded terminal protection device (TPD) tester 48799
Hoegen, M.Horn-von *see* Horn-von Hoegen, M.
Hoegg, P. *see* Froehlich, K. 50631
Hoegg, P. *see* Froehlich, K. 50645
Hoeher, P., Woerz, T., Schmidbauer, A., Schweikert, R., Frank, J., Grosskopf, R., Schramm, R., Gale, F.C.T., Harris, R.A. Helicopter emulation of Archimedes/Mediastar satellite DAB transmission to mobile receivers 47841
Hoehn, J.G., Jr. *see* Iyer, A.N. 55081
Hoehnsdorf, F. *see* Protzmann, H. 40340
Hoeij, M.Van *see* Van Hoeij, M.
Hoekema, R., Uijen, G.J.H., van Oosterom, A. Normalization of the electrocardiogram by standardization of heart position and orientation 49691
Hoeks, A.P.G. *see* Brands, P.J. 7930
Hoeks, A.P.G. *see* Brands, P.J. 7981
Hoeksema, F.W. *see* Slingerland, A.M.R. 25909
Hoekstra, H.J.W.M. On beam propagation methods for modelling in integrated optics 55285
Hoekstra, H.J.W.M. *see* Wijnands, F. 33098
Hoekstra, J. *see* Vassiliadis, S. 1268
Hoekstra, T. *see* Horsthuis, W. 26453
Hoekstra, T.H. *see* Spiekman, L.H. 26927
Hoelscher, J.F. *see* Edwards, H.S. 37937
Hoelter, T. *see* Gunapala, S.D. 17494
Hoelter, T. *see* Gunapala, S.D. 17541
Hoelter, T. *see* Gunapala, S.D. 17542
Hoelter, T. *see* Gunapala, S.D. 36569
Hoelter, T. *see* Gunapala, S.D. 48665
Hoeltzener-Douarin, B. *see* Bonnin, P. 57111
Hoelzer, D.T. *see* Palmer, J.W. 2255
Hoelzer, D.T. *see* Palmer, J.W. 22444
Hoelzl, C. *see* Froehlich, K. 50631
Hoelzl, C. *see* Froehlich, K. 50645
Hoenigman, R.F. *see* Cox, W.R. 52208
Hoenigschmid, H., Miura-Manausch, M., Prigge, O., Rahm, A., Savignac, D. Optimization of advanced MOS technologies for narrow distribution of circuit performance 54811
Hoepfner, C. *see* Thomas, B. 54132
Hoepfner, K. *see* Annis, P. 59237
Hoepner, R. *see* Chang, C.Y. 5454
Hoeppner, W. *see* Montanaro, J. 1446
Hoeve, R. *see* Viersen, P.M. 30038
Hoever, K.-H. *see* Wolber, G. 59771
Hoeweler, D. *see* Kliman, G.B. 29246
Hof, C., Ludi, M., Goetz, M., Fischer, D., Shah, A. Long term behaviour of passively heated or cooled a-Si:H modules 39130
Hof, Ch. *see* Fischer, D. 39129
Hofacker, K.-O. *see* Esfahani, F. 11248
Hofbauer, W. *see* Froehlich, K. 50631
Hofbauer, W. *see* Froehlich, K. 50645
Hofbeck, K. *see* Grenzer, J. 53606
Hofbeck, K. *see* Schomburg, E. 53616
Hofer, D. *see* Thackeray, J. 32286
Hofer, E. When to separate uncertainties and when not to separate [accident management theory] 39674
Hofer, E., Schafferhofer, I., Mohr, G. The effect of interelectrode distances on measurements of the local potential gradient of the propagating cardiac excitation at a microscopic size scale 59579
Hofer, E. *see* Munuzuri, A.P. 21472
Hofer, E. *see* Platzer, D. 59582
Hofer, H. *see* Adam, A. 37280
Hofer, H. *see* Adam, A. 37280
Hofer, H. *see* Alexeev, G. 59200
Hofer, K. Economical invertor drives from standard building blocks 51644
Hofer, M., Sucha, G., Fermann, M.E., Haberl, F., Harter, D. Synchronization of environmentally coupled, passively mode-locked fiber lasers 33412
Hofer, M. *see* Adam, A. 37280
Hofer, M. *see* Hacklander, T. 7883
Hofer, M. *see* Sucha, G. 55536
Hofer, T. *see* Adam, A. 37280
Hoff, A. *see* Edelman, P. 44916
Hoff, A. *see* Lagowski, J. 42616
Hoff, H.A., Waytena, G.L., Vold, C.L., Suehle, J.S., Isaacson, I.P., Rebbert, M.L., Ma, D.I., Harris, K. Ohmic contacts to semiconducting diamond using a Ti/Pt/Au trilayer metallization scheme 12544
Hoff, J., Jelen, C., Slivken, S., Erdtmann, M., Brown, G.J., Bigan, E., Razeghi, M. Background limited performance in p-doped GaAs-$Ga_{0.71}In_{0.29}As_{0.39}P_{0.61}$ quantum well infrared photodetectors 48521
Hoff, J., Kim, S., Erdtmann, M., Williams, R., Piotrowski, J., Bigan, E., Razeghi, M., Brown, G.J. Characterization of a p-doped GaAs-$Ga_{0.51}In_{0.49}P$ quantum well intersubband photodetector 48522
Hoff, J. *see* Jelen, C. 27571
Hoff, J.G. *see* Faber, T.L. 37738
Hoff, J.R., Razeghi, M., Brown, G.J. Effect of the spin split-off band on optical absorption in p-type $Ga_{1-x}In_xAs_yP_{1-y}$ quantum-well infrared detectors 7359
Hoff, L.E., Chen, A.M., Yu, X., Winter, E.M. Enhanced classification performance from multiband infrared imagery 5551
Hoff, L.E. *see* Xiaoli Yu 25636
Hoff, M.D. *see* Staples, J.W. 37126
Hoff, M.E., Jr. *see* Faggin, F. 11488
Hoff, R.M., Guise-Bagley, L., Staebler, R.M., Wiebe, H.A., Brook, J., Georgi, B., Dusterdiek, T. Lidar, nephelometer, and in situ aerosol experiments in southern Ontario 28618
Hoff, S. *see* Spaniol, O. 16332
Hoff, T. *see* Jennings, C. 50845
Hoff, W.A., Komistek, R.D., Dennis, D.A., Walker, S., Northcut, E., Spargo, K. Pose estimation of artificial knee implants in fluoroscopy images using a template matching technique 28430
Hoffelder, M. *see* Carlson, D.W. 8659
Hoffer, L. *see* Trivi, M. 7586
Hoffer, L.M., Francini, F., Tiribilli, B., Longobardi, G. Neural networks for the optical recognition of defects in cloth 15969
Hofferbert, R. *see* Alt, H. 3303
Hofflinger, B. *see* Dudek, V. 2668
Hofflinger, B. *see* Schomburg, C. 43281
Hoffman, A. *see* Fowler, A.M. 48650
Hoffman, A. *see* Solomon, S. 48651
Hoffman, A.W. *see* Dahlin, M.J. 18931
Hoffman, B. *see* Almazar, R. 21597
Hoffman, C.A., Meyer, J.R., Bartoli, F.J., Ram-Mohan, L.R. InAs-GaSb-AlSb quantum wells for infrared electro-optic applications 44069
Hoffman, C.A. *see* Cho, S. 54230
Hoffman, C.A. *see* Grun, J. 42360
Hoffman, C.A. *see* Malin, J.I. 3891
Hoffman, C.A. *see* Meyer, J.R. 7562
Hoffman, C.A. *see* Meyer, J.R. 42149
Hoffman, C.G. *see* Sullivan, R.M. 18725
Hoffman, D., Speer, M. Hierarchical video distribution over Internet-style networks 57815
Hoffman, D. *see* Walsh, P. 17218
Hoffman, D.R. An overview of concurrent engineering 52116
Hoffman, E.A. *see* Jiang Qian 25405
Hoffman, E.J. *see* Levin, C.S. 59498
Hoffman, E.J. *see* Patt, B.E. 37344
Hoffman, E.J. *see* Tornai, M.P. 28238
Hoffman, E.P. *see* Liu, S. 3237
Hoffman, F.O., Thiessen, K.M. The use of Chernobyl data to test model predictions for inter-individual variability of ^{137}Cs concentrations in humans 49823
Hoffman, G., Garges, K. Forecasting the US market for windpower 29173
Hoffman, G.W. *see* Bellwied, R. 59284
Hoffman, J. HIPPI-6400 technology dissemination 16306
Hoffman, J.B., Reichl, J.L., Johnson, K.R. Systems approach to adaptive sidelobe cancellation 4398
Hoffman, J.M. *see* Faber, T.L. 18398
Hoffman, K. *see* Antos, J. 37373
Hoffman, K. *see* Glatfelter, T. 38654
Hoffman, K. *see* Glatfelter, T. 39156
Hoffman, K.D., Bortoletto, D., Cihangir, S., Spalding, J., Garcia-Sciveres, M. Charge collection efficiency in double-sided silicon microstrip detectors 7796
Hoffman, K.D. *see* Bortoletto, D. 37383
Hoffman, P., Brathwaite, G., Solomon, D., Mahulikar, D. A novel metal ball grid array package 20912
Hoffman, R., Jr. *see* Chatterjee, B. 37979
Hoffman, R.W., Jr., Fatemi, N.S., Jenkins, P.P., Scheiman, D.A., Ringel, S.A., Davis, W., Weizer, V.G., Wilt, D.M., Brinker, D.J. Development of high efficiency p+/n InP solar cells for hetero-epitaxial applications 37977
Hoffman, R.W., Jr. *see* Fatemi, N.S. 20093
Hoffman, R.W., Jr. *see* Fatemi, N.S. 39227
Hoffman, R.W., Jr. *see* Wilt, D.M. 38975
Hoffman, S. Enhancing power grid reliability 50404
Hoffman, T.E. *see* Vessot, R.F.C. 48294
Hoffman, V. *see* Zhao, B. 2438
Hoffman, V. *see* Zhao, B. 22622
Hoffman, V. *see* Zhao, B. 32242
Hoffman, V. *see* Zhao, B. 42664
Hoffman, W. *see* Anvari, B. 49771
Hoffmann, A. *see* Elmazria, O. 32415
Hoffmann, A. *see* Heitz, R. 41971
Hoffmann, A. *see* Joseph, P. 19478
Hoffmann, A. *see* Schuster, G. 17178
Hoffmann, A. *see* Siegle, H. 31829
Hoffmann, B. *see* Amon, J. 10640
Hoffmann, D., Bornholdt, C., Kappe, F., Morl, L., Reier, F.-W. Novel digital optical switch with crosstalk below –40 dB based on absorptive switching 16731
Hoffmann, D. *see* Altman, P. 59762
Hoffmann, D. *see* Dubenkov, V. 18057
Hoffmann, D. *see* Pendekanti, A. 59816
Hoffmann, D.A., Meiqun Yang Effect of electrode polarization on sensing performance in transvenous defibrillation leads 59815
Hoffmann, D.H. *see* Arenz, H. 13939
Hoffmann, D.H.H. *see* Dornik, M. 59164
Hoffmann, D.H.H. *see* Frank, K. 22142
Hoffmann, D.H.H. *see* Frank, K. 28948
Hoffmann, D.H.H. *see* Frank, K. 51407
Hoffmann, D.H.H. *see* Hintz, G. 13938
Hoffmann, D.H.H. *see* Prucker, U. 28951
Hoffmann, D.H.H. *see* Schwandner, A. 29498
Hoffmann, D.H.H. *see* Stetter, M. 59163
Hoffmann, F., Janecke, M. Fast torque control of an IGBT-inverter-fed three-phase AC drive in the whole speed range–experimental results 61137
Hoffmann, G. B-WiN–the ATM-based high-speed network for the DFN community 6222
Hoffmann, G. B-WiN: the ATM-based high-speed network for the DFN community 16241
Hoffmann, G.W. *see* Pandey, S.U. 37293
Hoffmann, J.N., Pulino, P. Improving the charge simulation method for the computation of high voltage electric fields with efficient least squares techniques 44852
Hoffmann, J.N., Pulino, P. A hybrid finite differences & charge simulation method for the computation of high voltage electric fields 44853
Hoffmann, K., Feucht, M., Witte, H., Benninger, F., Bolten, J. Topographic classification of rolandic spike activity by means of neural networks 59697
Hoffmann, K. *see* Kern, T. 42927

Hoffmann, K. *see* Klusacek, V. 27866
Hoffmann, K. *see* Kraus, R. 40884
Hoffmann, K.H., Schreiber, M. *(editors)* Computational physics. Selected methods, simple exercises, serious applications 13113
Hoffmann, K.R., Chen, S.Y., Esthappan, J., Williams, B.B., Metz, C.E., Harauchi, H., Carroll, J.D. Evaluation of the reliability of calculated 3D vascular trees and their alignment with other views 37652
Hoffmann, K.R., Esthappan, J. Determination of three-dimensional positions of known sparse objects from a single projection 49506
Hoffmann, K.R. *see* Chen, S.J. 37653
Hoffmann, M. *see* Voges, E. 44047
Hoffmann, M.H.W. Does your system simulator use the 'right' transfer function? 52997
Hoffmann, P. *see* Bremer, J. 56055
Hoffmann, U. *see* Norkus, V. 17490
Hoffmann, V. *see* Schmidt, M. 2237
Hoffmann, W., Rapp, R. Integrated microanalytical system with electrochemical detection 27963
Hoffmann, W. *see* Gaul, A.J. 50424
Hoffmeister, R. *see* Ramanujam, P. 34235
Hoffmeyer, J.A. *see* Mastrangelo, J.F. 26480
Hoffmeyer, P.D., Yi Xa, Narayanan, R.M., Curtis, J.O. Backscatter characteristics of buried targets measured using an ultrawideband polarimetric random noise radar 8695
Hoffmeyer, P.D. *see* Yi Xu 8357
Hoffnagle, J.A. *see* Bernal, M.-P. 14427
Hoffner, J. *see* Russell, M.C. 50850
Hoffstaetter, G.H. *see* Barber, D.P. 37085
Hoffstatter, G.H. *see* Heinemann, K. 17945
Hofinger, R.J. Classroom learning techniques 20470
Hofland, L. *see* Oshinski, J.N. 59476
Hofler, A., Feudel, T., Strecker, N., Fichtner, W., Suzuki, K., Kataoka, Y., Sasaki, N., Stegemann, K.-H. Modeling of boron diffusion after shallow implants using BF_2 42411
Hofler, A., Feudel, T., Strecker, N., Fichtner, W., Suzuki, K., Sasaki, N., Kataoka, Y., Gratsch, F. Modeling and simulation of spatial dependent transient diffusion after BF_2 implantation 12644
Hofling, E., Orth, A., Reithmaier, J.P., Forchel, A. A new approach for the fabrication of gain-coupled DFB laser diodes using focused ion beams 55613
Hofling, R., Vaclavik, J., Neugebauer, R. Interferometric study of a machine tool 10992
Hofling, R. *see* Aswendt, P. 1014
Hofmann, B. Penalty methods for the inverse problem in EIT 18448
Hofmann, D. *see* Surkau, R. 37093
Hofmann, D.M., Stadler, W., Christmann, P., Meyer, B.K. Defects in CdTe and $Cd_{1-x}Zn_xTe$ 31816
Hofmann, D.M. *see* Cremades, A. 31823
Hofmann, D.M. *see* Son, N.T. 31889
Hofmann, F. *see* Bertagnolli, E. 2796
Hofmann, G. *see* Norkus, V. 17490
Hofmann, G. *see* Vogel, U. 37715
Hofmann, G. *see* Zahnert, T. 59457
Hofmann, G.A. *see* Garner, H. 18487
Hofmann, H., Sanders, S.R. Speed sensorless vector torque control of induction machines using a two-time-scale approach 29311
Hofmann, H., Sanders, S.R. Synchronous reluctance motor/alternator for flywheel energy storage systems 29794
Hofmann, I. *see* Hasse, R.W. 59140
Hofmann, I. *see* Oeftiger, U. 59139
Hofmann, I. *see* Spiller, P. 59153
Hofmann, K. *see* Cabanski, W. 17501
Hofmann, M. Scalable multicast communication in the Internet 6054
Hofmann, M. Adding scalability to transport level multicast 16115
Hofmann, M. Adaptive error and traffic control for multipoint communication 47383
Hofmann, M., Frojdh, K., Brorson, S.D., Mork, J. Temporal and spectral dynamics in multiquantum-well semiconductor saturable absorbers 55878
Hofmann, M., Schmidt, C. A flexible protocol architecture for multimedia communication in ATM-based networks 47385
Hofmann, M. *see* Franck, T. 3866
Hofmann, M. *see* Miltenyi, P. 44460
Hofmann, P. *see* Kalkbrenner, G. 47382
Hofmann, P. *see* Wang, Z.-G. 1545
Hofmann, S. *see* Saro, S. 37275
Hofmann, T., Buhmann, J.M. An annealed "neural gas" network for robust vector quantization 14842
Hofmann, T., Buhmann, J.M. Pairwise data clustering by deterministic annealing 25620
Hofmann, T., Puzicha, J., Buhmann, J.M. Unsupervised segmentation of textured images by pairwise data clustering 57506
Hofmann, T., Schroder, K., Zacheja, J., Binder, J. Fluid characterization using sensor elements based on interdigitated electrodes 48423
Hofmann, T., Timmermans, J.C.M., Couperus, J., van Goor, F.A., Witterman, W.J. Reliability studies on a kilowatt-class XeCl laser 13933
Hofmann, T., Zacheja, J., Binder, J. Optimization of three-dimensional electroplated gold interdigitated structures (IDS) for applications as smart sensor system for liquid characterization 27516
Hofmann, W. PWM voltage vector control with predictive pulse generation for low-switching inverters 51175
Hofmann, W., Qinglong Liang Neural network-based parameter adaption for field-oriented AC-drives 51696
Hofmann, W. *see* Gobel, L. 60811
Hofmann, W. *see* Qinglong Liang 51685
Hofmeister, H. *see* Roesler, M.A. 32868
Hofmeister, H. *see* Warzanskyj, W. 26388
Hofmeister, R. *see* Xiaolin Tong 4136
Hofmeister, R. *see* Xiaolin Tong 14448
Hofmeister, R. *see* Xiaolin Tong 55945
Hofmeister, R.T. *see* Lu, C.L. 26709
Hofmeister, W.H. *see* Bassler, B.T. 48373
Hofner, H. *see* Frey, H.U. 50072
Hofner, T.C., Bernel, D.A. The ideal convertor on the track: 8 bit A-D convertor for high-speed data acquisition 1510
Hofsass, H., Dalmer, M., Restle, M., Ronning, C. Substitutional phosphorus doping of diamond by ion implantation 32156
Hofstaetter, A. *see* Baranov, P.G. 42116
Hofstetter, D., Bour, D.P., Thornton, R.L., Johnson, N.M. Excitation of a higher order transverse mode in an optically pumped $In_{0.5}Ga_{0.85}N/In_{0.05}Ga_{0.95}N$ multiquantum well laser structure 44518
Hofstetter, D., Zappe, H.P., Dandliker, R. Optical displacement measurement with GaAs/AlGaAs-based monolithically integrated Michelson interferometers 58677
Hofstetter, D. *see* Zappe, H.P. 44304
Hofstetter, D. *see* Zappe, H.P. 48884
Hofstra, L. *see* Brands, P.J. 7930
Hofstra, R.M., van Goor, F.A., Witteman, W.J. Beam divergence studies on a long pulse XeCl excimer laser 14235
Hoft, M. *see* Dittrich, A. 35594
Hoft, R.G. *see* Bor-Ren Lin 29429
Hoftiezer, J.H. *see* Allison, W.W.M. 37269
Hoga, H. *see* Ohta, T. 22681
Hoga, M. *see* Shishido, H. 2460
Hogan, B. *see* Lawson, W. 37138
Hogan, C. *see* Diercks, A. 17518
Hogan, D.J. *see* Yakoob, N.A. 26321
Hogan, J.G. The channel gain list in data acquisition systems 48391
Hogan, M.C. *see* McDaniel, W.C. 59813
Hogan, P., Green, L.H. The local impact [construction of Sizewell B nuclear power station] 9035
Hogan, R. *see* Wee, A.T.S. 2449
Hogan, S. *see* Lincoln, R.W. 59991
Hogan, S.J. *see* Nowlan, M.J. 39181
Hogan, W. *see* Rudnick, H. 60294
Hogan, W.J. *see* Paisner, J.A. 23874
Hogan, W.K. *see* Cohen, M.S. 6742
Hogan, W.W., Read, E.G., Ring, B.J. Using mathematical programming for electricity spot pricing 28823
Hogben, P.J. *see* Ferrah, A. 29719
Hoge, H. *see* Littel, B. 34670
Hoge, S.L. *see* Lin, D.C. 38026
Hogerheiden, J., Ciminera, M., Jue, G. Improved planar spiral transformer theory applied to a miniature lumped element quadrature hybrid 53528
Hogervorst, R., de Langen, K.-J., Huijsing, J.H. Low-power low-voltage VLSI operational amplifier cells 21504
Hogervorst, W. *see* Boon-Engering , J.M. 44639
Hogervorst, W. *see* Schiemann, S. 33722
Hogg, B.W. *see* Geddes, D.J. 19565
Hogg, B.W. *see* Lown, M. 19691
Hogg, B.W. *see* Lu, S. 19545
Hogg, B.W. *see* Lu, S. 29066
Hogg, B.W. *see* Prasad, G. 19555
Hogg, B.W. *see* Prasad, G. 38613
Hogg, D. Statistical shape models in image analysis 15981
Hogg, J. *see* Singh, S. 21579
Hogg, J.H.C. *see* Ozanyan, K.B. 23884
Hogg, J.H.C. *see* Ozanyan, K.B. 33557
Hogg, T., Talhami, I. A competitive non-linear approach to object recognition: the generalised synergetic algorithm 46147
Hogge, J.P., Kreischer, K.E., Read, M.E. Results of testing a 3 MW, 140 GHz coaxial gyrotron 1945
Hogge, J.P., Tran, T.M., Paris, P.J., Tran, M.Q. Operation of a quasi-optical gyrotron with a Gaussian output coupler 1932
Hogge, J.P. *see* Soumagne, G. 1933
Hogie, K., Weekley, J., Jacobsohn, J. Commercial-off-the-shelf telemetry front-end prototyping 26080
Hogmark, S., Hollman, P., Alahelisten, A., Hedenqvist, P. Direct current bias applied to hot flame diamond deposition produces smooth low friction coatings 21345
Hogsdon, S.N. *see* Atalay, S. 3059
Hogstrom, B. *see* Jung, B. 28424
Hogstrom, U. *see* Smedman, A.-S. 29190
Hoh, C.K. *see* Yang, J. 28240
Hoh, J.H. *see* Antonik, M.D. 58857
Hoh, K. *see* Asada, K. 39632
Hoh, K. *see* Irita, T. 12911
Hoh, P. *see* Farrell, T. 2500
Hohenester, U. *see* Rodrigues-Herzog, R. 54066
Hohenester, U. *see* Supancic, P. 31761
Hohenstein, D., Lovell, M. Smart, modular I/O systems increase intrinsic safety options 20781
Hoher, M. *see* Kestler, H.A. 37821
Hoher, M. *see* Kestler, H.A. 49619
Hohl, W. *see* Majzik, I. 1487
Hohlein, B., Boe, M., Bogild-Hansen, J., Brockerhoff, P., Colsman, G., Emonts, B., Menzer, R., Riedel, E. Hydrogen from methanol for fuel cells in mobile systems: development of a compact reformer 20179
Hohlfeld, J., Conrad, U., Matthias, E. Does femtosecond time-resolved second-harmonic generation probe electron temperatures at surfaces? 14255
Hohm, B. *see* Krausse, N. 41418
Hohman, J.L. *see* Burgess, D.R. 10774
Hohmann, A. *see* Dellnitz, M. 30577
Hohnemann, H. *see* Schuppen, A. 26555
Hohnke, D.K. *see* Blair, H.D. 39348
Hohnloser, J.H., Purner, F., Kadlec, P. Coding medical concepts: a controlled experiment with a computerized coding tool 34611
Hoholdt, T. *see* Voss, C. 24733
Hohzaki, R. *see* Iida, K. 30445
Hoi Doh Yang *see* Yang Hoi Doh
Hoi Hwan Chung, Jong Hyun Lee, Byeong Kwon Ju, Young Cho Kim, Kwan Soo Chung Effects of the phosphorus doping level and excess silicon on the oxidation of tungsten polycide 12737
Hoi Hwan Chung, Jong Hyun Lee, Kwan Soo Chung Breakdown characteristics of gate oxide with tungsten polycide electrode 54818
Hoi Hwan Chung *see* Jong Hyun Lee 43409
Hoi-Doo Ha *see* Seok-Hwan Yoon 51760
Hoi-Doo Ha *see* Yoon-Ho Kim 39357
Hoi-Doo Ha *see* Yoon-Ho Kim 51749
Hoi-Jun Yoo High speed latchup resistant CMOS data output buffer for submicrometre DRAM application 1407
Hoi-Jun Yoo *see* Jong-Shik Kim 54629
Hoi-Kwong Lo, Chau, H.F. Is quantum bit commitment really possible? 56245
Hoi-Man Yip, Ting-Chuen Pong Detection of moving objects using a spatiotemporal representation 5115
Hoijer, M. *see* Karlsson, A. 23938
Hoin Kim *see* Jong-Heun Lee 36753
Hoist, D.B. Insulation testing on large rotating machines 60638
Hojer, S. *see* Sandstrom, L. 17575
Hojin Moon *see* Fuhrmann, D.R. 4689
Hojnicki, J. *see* Fincannon, J. 18717
Hojo, H. *see* Fukuoka, C. 16414
Hojo, N., Okuda, M., Nakamura, M. Phosphoric acid fuel cells in Japan 19987
Hojo, T. *see* Watanabe, K. 36595
Hokanson, K.E. *see* Bartilson, B. 299
Hokanson, K.E. *see* Ficke, J.T. 305
Hokanson, K.E. *see* Ficke, J.T. 53864
Hokari, Y. *see* Hatano, K. 48683
Hokazono, T. *see* Imai, Y. 58804
Hoke, C.D., Jianlin Li, Kelly, J.R., Bos, P.J. High speed addressing of a 0°-360° bistable twisted nematic liquid crystal display 55317
Hoke, C.D. *see* Li, J. 3483
Hoke, W.E., Lyman, P.S., Mosca, J.J., Hendriks, H.T., Torabi, A., Bonner, W.A., Lent, B., Chou, L.-J., Hsieh, K.C. Improved pseudomorphic high electron mobility transistor structures on InGaAs substrates 42150
Hoke, W.E. *see* Hur, K.Y. 32443
Hokstad, P. *see* Bodsberg, L. 30117
Holag, E.Z. *see* Rodder, M. 43294
Holahan, G.M. *see* Schiffgens, J.O. 38567
Holalkere, V. *see* Moresco, L.L. 30271
Holambe, R.S., Ray, A.K., Basu, T.K. Signal phase recovery using the bispectrum 46263
Holander-Gleixner, S., Robinson, H.G., Williams, B.L., Mao, D.H., Yu, J.E., Helms, C.R. Modeling of diffusion and ion implantation in mercury cadmium telluride: a comparison to transient enhanced diffusion in silicon 42414
Holander-Gleixner, S. *see* Robinson, H.G. 2307
Holappa, K., Dhanak, M. An autonomous turbulence measurement platform 38103
Holas, A. *see* Dobrzynski, L. 37543
Holboll, J.T., Henriksen, M. Frequency dependent PD-pulse distortion in rotating machines 9252
Holboll, J.T. *see* Fleming, R.J. 2969
Holbrook, R.L. *see* Grut, K.E. 32945
Holc, J. *see* Kuscer, D. 19998
Holc, J. *see* Slunecko, J. 48464
Holcomb, M.D. *see* Anderson, E.H. 49903
Holdcroft, D., Moniri, M., Al-Hashimi, B.M. Comparative study of recursive digital filters using z and δ operators 31387
Holdem, J.R. *see* Keam, R.B. 48825
Holden, H. Comparing costs for various PWB build-up technologies [MCM-L] 1865
Holden, H. PWB build-up technologies: Smaller, thinner and lighter 53774
Holden, H. *see* Bauer, C.E. 10076
Holden, M. *see* MacPhee, A.G. 13967
Holden, N. *see* Gebhardt, M. 60035
Holden, S. *see* Price, M. 1577
Holden, T., Pollak, F.H., Freeouf, J.L., McInturff, D., Gray, J.L., Lundstrom, M., Woodall, J.M. Reflection anisotropy spectroscopy study of the near surface electric field in low-temperature grown GaAs (001) 41918
Holden, T. *see* Raquet, J. 18747
Holden, T. *see* Rouquette, P. 53621
Holden, T.E. *see* Solomon, S.C. 60062
Holdener, H.J. *see* Qing Hang Li 18219

Holder, D.S., Hanquan, Y., Rao, A. Some practical biological phantoms for calibrating multifrequency electrical impedance tomography 18458
Holder, D.S., Rao, A., Hanquan, Y. Imaging of physiologically evoked responses by electrical impedance tomography with cortical electrodes in the anaesthetized rabbit 18459
Holder, D.S. *see* Bayford, R.H. 18446
Holder, D.S. *see* Boone, K.G. 37811
Holder, E.J. *see* Goldstein, J.S. 16847
Holder, E.J. *see* Kogon, S.M. 16899
Holder, G.E. *see* Marmor, M.F. 28336
Holder, L.E. *see* Cao, Z. 49489
Holder, L.E. *see* ZongJian Cao 37713
Holder, M.B., Trivedi, M.M., Marapane, S.B. Mobile robot navigation by wall following using a rotating ultrasonic scanner 7590
Holder, S.J. *see* Capan, R. 32597
Holding, D.J. *see* Azzopardi, D. 52168
Holdstock, P., Wilson, N. The effect of static charge generated on hospital bedding 28483
Holdsworth, D.A. An investigation of biases in the full spectral analysis technique 60054
Holdsworth, D.W. *see* Moreau, M. 37750
Hole, K.J. *see* Hole, M.F. 56334
Hole, M.F., Hole, K.J. Low-complexity decoding of partial unit memory codes on precoded partial-response channels 56334
Hole, M.F., Ytrehus, O. Two-step trellis decoding of partial unit memory convolutional codes 24743
Hole, S., Lewiner, J. Single transducer generation of unipolar pressure waves 3006
Holender, W. *see* Arvidsson, A. 25983
Holeschovsky, U.B., Tester, J.W., Deen, M. Flooded flow fuel cells: a different approach to fuel cell design 29610
Holesinger, T.G. *see* Albert, G.W. 43848
Holicek, L. *see* Zupunski, I. 27403
Holik, P. *see* Ruth, R.D. 49165
Holl, B. *see* Oppermann, M. 6462
Holl, I. *see* Krawczynski, H. 37287
Holl, P. *see* Castoldi, A. 59214
Holl, P. *see* Fazzi, A. 28047
Holla, K.G. *see* Satyanarayana, S. 60358
Hollaender, B., Vescan, L., Mesters, S., Wickenhaeuser, S. Strain and misfit dislocation density in finite lateral size $Si_{1-x}Ge_x$ films grown by selective epitaxy 54053
Holland, A. *see* Holmes-Siedle, A. 27685
Holland, A. *see* Owens, A. 37368
Holland, A.D., Nelms, N., Mohammadzadeh, A., Watts, S.J., Holmes-Siedle, A., Pool, P. The bulk damage monitor on MPTB 49858
Holland, C., Reimann, R. RAMON basic software for digital direction finders DDFOxM and DDFOxS 48186
Holland, D. *see* Gibbons, G.J. 52856
Holland, G.E. *see* Seely, J.F. 24297
Holland, J. *see* Hallquist, E. 50184
Holland, J. *see* Roach, M., III 28160
Holland, J.J. *see* Van den Bosch, P.J. 59456
Holland, J.P. *see* Owen, S.J. 638
Holland, K. *see* Wang, D. 54381
Holland, K.T., Holman, R.A., Lippmann, T.C., Stanley, J., Plant, N. Practical use of video imagery in nearshore oceanographic field studies 50083
Holland, M. *see* Schlosser, T. 2197
Holland, M. *see* Schmerek, D. 22389
Holland, M. *see* Thayne, I. 53649
Holland, M.C. *see* Darhuber, A.A. 12449
Holland, M.C. *see* Piotrowicz, P.J.A. 12803
Holland, M.C. *see* Rahman, M. 42535
Holland, M.C. *see* Skuras, E. 32001
Holland, M.R. *see* Christy, D.H. 18305
Holland, O.W., Nielsen, B., Budai, J.D. New insight into damage-related phenomena in Si implanted under extreme conditions 12660
Holland, O.W., Sadana, D.K. Technique to form ultrathin buried oxides in Si by O^+-implantation 22458
Holland, O.W. *see* Edwards, A. 54368
Holland, O.W. *see* Gardner, J.A. 54330
Holland, O.W. *see* Picraux, S.T. 12702
Holland, R., Fogler, J., Donohoe, G.W. Human body modeling for FDTD evaluation of electromagnetic hazards 37649
Holland, R.F. *see* Byrd, D.A. 17177
Holland, S.E., Goldhaber, G., Groom, D.E., Moses, W.W., Pennypacker, C.R., Perlmutter, S., Wang, N.W., Stover, R.J., Wei, M. A 200×200 CCD image sensor fabricated on high-resistivity silicon 48685
Holland, S.M. *see* Summers, R.M. 37646
Holland, S.R.J. *see* Dowler, N.J. 18492
Holland, W.D. Exposure devices for electrophotographic print engines 13805
Hollander, B. *see* Jaumann, M. 2578
Hollandsworth, R.P. *see* Teofilo, V.L. 61023
Hollberg, L. *see* Cruz, F.C. 48336
Hollberg, L. *see* Kitching, J. 11702
Hollberg, L. *see* Murtz, M. 48311
Hollberg, L. *see* Pfister, O. 14385
Hollberg, L.W. *see* Nikonov, D.E. 13957
Hollberg, L.W. *see* Waltman, S.B. 41435
Holle, R. *see* Hanisch, H. 58952
Holleman, J. *see* Cobianu, C. 40636
Hollemann, G. *see* Abel, J. 7143
Hollen, W.J. The effect of dielectric fluid for cooling an electronic module 30296
Hollenbach, S. *see* Passero, P. 26318
Hollenbaugh, W.H., Jr. *see* Nash, R.J. 33226
Hollerbach, K. *see* Bossart, P.-L. 59517
Holley, L.K. *see* Mears, A.N. 59754
Holley, W.H., Jr., Agro, S.C., Galica, J.P., Yorgensen, R.S. UV stability and module testing of non-browning experimental PV encapsulants 39166
Hollfelder, M., Hon, S., Setzer, B., Schimpf, K., Horstmann, M., Schaepers, T., Schmitz, D., Hardtdegen, H., Lueth, H. Demonstration of the N_2 carrier process for LP-MOVPE of III/V's 40331
Hollfelder, M. *see* Hartmann, A. 40485
Hollfelder, M. *see* Neurohr, K. 22448
Hollfelder, M. *see* Schimpf, K. 1716
Hollfelder, M. *see* Schimpf, K. 41444
Hollfelder, M. *see* Uhlisch, D. 23398
Holliday, C.R. The residential gateway 58038
Holliday, D., Fletcher, J.E., Williams, B.W. Non-invasive rotor position and speed sensing of asynchronous motors 51002
Holliday, I.E. *see* Singh, K.D. 59504
Hollier, P. *see* Bouville, C. 58056
Hollig, K., Koch, J. Geometric Hermite interpolation with maximal order and smoothness 564
Hollinberger, D.E., Madhavan, P.G. Directional spatial frequency distribution of two-dimensional signals 28642
Holling, G. Digital signal processing basics 31279
Hollinger, A.B. *see* Shen-en Qian 15973
Hollinger, G. *see* Krapf, P. 10720
Hollinger, G. *see* Venet, T. 12226
Hollis, H.D. *see* Tolbert, L.M. 38202
Hollis, H.D. *see* Tolbert, L.M. 38335
Hollkamp, J.J., Gordon, R.W. An experimental comparison of piezoelectric and constrained layer damping 38932
Hollkott, J., Hu, S., Becker, C., Auge, J., Spangenberg, B., Kurz, H. Combined method of electron-beam lithography and ion implantation techniques for the fabrication of high-temperature superconductor Josephson junctions 23415
Hollman, P. *see* Hogmark, S. 21345
Hollmann, H.D.L. Bounded-delay-encodable, block-decodable codes for constrained systems 24705
Hollmann, J. *see* Xu, W. 5035
Hollnagel, C. *see* Wassermann, E.M. 28088
Holloway, C.L., DeLyser, R.R., German, R.F., McKenna, P., Kanda, M. Comparison of electromagnetic absorber used in anechoic and semi-anechoic chambers for emissions and immunity testing of digital devices 34112
Holloway, C.L., Doviak, R.J., Cohn, S.A., Lataitis, R.J. Retrieval of boundary-layer turbulence using spaced-antenna wind profilers 18821
Holloway, C.L. *see* DeLyser, R.R. 4294
Holloway, C.L. *see* Quincy, E.A. 26940
Holloway, D.C., Saporita, V.J. High interrupting capacity equipment for hazardous locations 38435
Holloway, D.P. *see* Van Slambrook, G.A. 6673
Holloway, L. *see* Luiten, A.N. 48500
Holloway, P.H. *see* Durbha, A. 12536
Holloway, P.H. *see* Durbha, A. 54258
Holloway, P.H. *see* Miller, S. 12551
Holloway, P.H. *see* Rack, P.D. 55412
Holloway, P.H. *see* Trexler, J.T. 12533
Holloway, P.H. *see* Trexler, J.T. 12818
Holloway, P.H. *see* Trottier, T.A. 55417
Holloway, P.H. *see* Warren, W.L. 44227
Holloway, S. *see* Ait-Boudaoud, D. 25185
Holloway, W.T., Sampson, D.D. Design of high-power broadband ASE sources for spectrum-sliced WDM systems 23779
Hollricher, O. *see* Brunner, R. 43597
Hollstein, T. *see* Zahm, U. 11313
Holly, D.J. *see* Den Hartog, D.J. 36667
Holm, A., Ruile, W., Weigel, R. Nondestructive evaluation of SAW devices using a high-resolution optical detection technique 55015
Holm, B. *see* Barklie, R.C. 54365
Holm, B. *see* Nylandsted Larsen, A. 42371
Holm, C., Ulhoi, J.P. Paradoxes in corporate theories of technological innovation 9950
Holm, E.A. *see* Yost, F.G. 30963
Holm, K.A. *see* Newton, M.A. 59105
Holm, M.F.K. *see* Campbell, C.K. 11778
Holm, P. Specific total annual costs of various heating systems for the new construction of an end terrace house 51861
Holm, S., Elgetun, B. Optimization of the beampattern of 2D sparse arrays by weighting 28112
Holm, S.Ballhausen *see* Ballhausen Holm, S.
Holm, U. *see* Bamberger, A. 7787
Holm, U. *see* Bamberger, A. 37358
Holma, H. *see* Hottinen, A. 6621
Holman, R.A. *see* Holland, K.T. 50083
Holmann, E., Yamada, A., Yoshida, T., Uramoto, S. Real-time MPEG-2 software decoding with a dual-issue RISC processor 35064
Holmback, H. *see* Spyridakis, J.H. 39958
Holmberg, K. Mean value cross decomposition applied to integer programming problems 40094
Holmberg, M., Winquist, F., Lundstrom, I., Davide, F., DiNatale, C., D'Amico, A. Drift counteraction for an electronic nose 36784
Holmberg, M. *see* Dale, S. 59466
Holmberg, M. *see* Davide, F.A.M. 58898
Holmberg, P., Bergqvist, A., Engdahl, G. Modelling eddy currents and hysteresis in a transformer laminate 41551
Holme, N.C.R., Nikolova, L., Ramanujam, P.S., Hvilsted, S. An analysis of the anisotropic and topographic gratings in a side-chain liquid crystalline azobenzene polyester 44758
Holme, P.R., Manning, C.D. Modelling of voltage and current mode controlled PWM converters using Simulink 51179
Holme, P.R., Manning, C.D. Assessment, modelling and simulation of an EDM power supply using Saber 51897
Holme, R., Bloxham, J. The treatment of attitude errors in satellite geomagnetic data 27840
Holmen, G. *see* He, Z.Q. 2121
Holmen, G. *see* Songsiriritthigul, P. 30746
Holmen, G. *see* Songsiriritthigul, P. 52643
Holmen, J. *see* Cole, B. 28506
Holmer, N.-G. *see* Albu, C. 37863
Holmes, A. *see* Muller, J. 3615
Holmes, A.B. *see* Baigent, D.R. 13876
Holmes, A.B. *see* Friend, R.H. 23669
Holmes, A.B. *see* Friend, R.H. 44224
Holmes, A.J.T. *see* McAdams, R. 7756
Holmes, A.L. *see* Dupuis, R.D. 21280
Holmes, A.L. *see* Grudowski, P.A. 3585
Holmes, A.L. *see* Grudowski, P.A. 12228
Holmes, A.L. *see* Grudowski, P.A. 52723
Holmes, A.L. *see* Sink, R.K. 24006
Holmes, A.L., Jr. *see* Gaffney, M. 10777
Holmes, A.L., Jr. *see* Tauber, D.A. 44481
Holmes, A.L., Jr. *see* Yu, D.G. 22567
Holmes, A.L., Jr. *see* Yu, D.G. 41936
Holmes, C.J., MacDonald, D., Sled, J.G., Togal, A.W., Evans, A.C. Cortical peeling: CSF/grey/white matter boundaries visualized by nesting isosurfaces 18377
Holmes, D. *see* Horowitz, S.J. 298
Holmes, D. *see* Horowitz, S.J. 12052
Holmes, D. *see* Horowitz, S.J. 53740
Holmes, D.E. *see* Ruvimov, S. 52593
Holmes, D.G., Martin, D.A. Implementation of a direct digital predictive current controller for single and three phase voltage source inverters 29446
Holmes, D.G. *see* Kotsopoulos, A. 51349
Holmes, D.G. *see* McIver, A. 38666
Holmes, D.M., Sudijono, J.L., McConville, C.F., Jones, T.S., Joyce, B.A. Direct evidence for the step density model in the initial stages of the layer-by-layer homoepitaxial growth of GaAs(111)A 40444
Holmes, D.M. *see* Belk, J.G. 815
Holmes, D.M. *see* Joyce, B.A. 764
Holmes, D.S., Courts, S.S. Thermal resistances of mounted cryogenic temperature sensors 48446
Holmes, D.S. *see* Courts, S.S. 48447
Holmes, G.L. *see* Helmers, S.L. 37802
Holmes, G.L. *see* Helmers, S.L. 59639
Holmes, P., Barclay, P.J. Functional languages on linear chromosomes 52517
Holmes, P., Kempton, J., McGowan, F. International competition policy and telecommunications: Lessons learned from the EU and prospects for the WTO 26003
Holmes, P. *see* Welsh, J. 41211
Holmes, P.G. *see* Cirstea, M.N. 61201
Holmes, R., Markovich, V., Miller, T., Gray, F., Smedley, R., Grannells, R., Evans, R. NCMS PWB Product Team evolutionary test vehicle 1812
Holmes, R.B. DC image restoration for astronomical applications 35129
Holmes, R.B. *see* Hunt, J.H. 33260
Holmes, R.D. *see* Chung Wah See 17841
Holmes, R.R. A model for re-lamination shrinkage [multilayer PCBs] 1813
Holmes, R.R. MLB shrinkage 31623
Holmes, S. *see* Ruth, R.D. 49165
Holmes, S. *see* Voldman, S. 22831
Holmes, S.D. Critical beam intensity issues in hadron colliders 18023
Holmes, S.N. *see* Newman, R.C. 2029
Holmes, T. *see* Wellfare, M. 8675
Holmes, W.J., Russell, M.J. Modeling speech variability with segmental HMMs 15032
Holmes, W.J. *see* Russell, M.J. 45665
Holmes-Siedle, A., Holland, A., Watts, S. The impact of space protons on X-ray sensing with charge coupled devices (CCDs) 27685
Holmes-Siedle, A. *see* Buehler, M. 28554
Holmes-Siedle, A. *see* Holland, A.D. 49858
Holmes-Siedle, A. *see* Watts, S.J. 22215
Holmes-Smith, A.S. *see* Campbell, M. 36622
Holmes-Smith, A.S. *see* Campbell, M. 48583
Holmes-Smith, A.S. *see* Campbell, M. 58802
Holmes-Smith, A.S. *see* Campbell, M. 58803
Holmes-Smith, A.S. *see* Wallace, P.A. 48585
Holmes-Smith, A.S. *see* Zheng, G. 27620
Holmes-Smith, A.S. *see* Zheng, G. 36624
Holmes-Smith, A.S. *see* Zheng, G. 48593
Holmlid, L. *see* Svensson, R. 20204
Holmquist, T. *see* Rogers, J.T. 49237
Holmquist, T. *see* Rogers, J.T. 49250
Holmstrom, J.E. Latitude values for a constant potential X-ray unit and a halfwave unit obtained with three X-ray films of different film classes 52915
Holmstrom, S. *see* Krolikowski, W. 55886
Holmstrom, S.A. *see* Krolikowski, W. 55882
Holnicki, P. *see* Ciechanowicz, W. 19226
Holonyak, N., Jr. *see* Evans, P.W. 44454
Holonyak, N., Jr. *see* Wierer, J.J. 14092

Holota, B. *see* Gniewek, L. 53260
Holroyd, N.J.H. *see* Hepples, W. 10938
Holsheimer, J. *see* Koole, P. 49793
Holst, H. *see* Sunemark, M. 49707
Holstein, W.L. Methods to improve the P/As compositional uniformity of InGaAsP thin films prepared by MOCVD 2043
Holstein, W.L. Etching study of ferroelectric microdomains in $LiNbO_3$ and MgO:$LiNbO_3$ 32686
Holswade, S.C., Dickey, F.M. Gaussian laser beam shaping: test and evaluation 44620
Holswade, S.C. *see* Dickey, F.M. 14244
Holt, A. *see* Beringer, J. 37394
Holt, A.G.J. *see* Boussakta, S. 4852
Holt, D.B., Hardingham, C., Lazzarini, L., Nasi, L., Zanotti-Fregonara, C., Salviati, G., Mazzer, M. Properties and structure of antiphase boundaries in GaAs/Ge solar cells 39036
Holt, D.B. *see* Mazzer, M. 31995
Holt, H. *see* O'Brien, J. 8664
Holt, L.L. *see* Steely, S.L. 17524
Holt, M.J. Mergers and acquisitions: get the deal done. Four key points of buying or selling a business 30088
Holt, M.J.J. *see* Changjing Shang 16017
Holt, M.J.J. *see* Jimaa, S. 34845
Holtkamp, N., Jostingmeier, A. A low loss drive line concept for linear colliders 49201
Holtkamp, N. *see* Bartel, W. 37084
Holtkamp, N. *see* Dohlus, M. 7729
Holtkamp, N. *see* Esin, S.K. 37020
Holtkamp, N. *see* Sobenin, N.P. 49063
Holtkamp, N. *see* Sobenin, N.P. 49206
Holtkamp, N. *see* Voss, G.A. 49202
Holtmann, C. *see* Leuthold, J. 16665
Holtmann, Ch., Besse, P.-A., Melchior, H., Williams, D.L. Gain-clamped semiconductor optical amplifier for 1.3 μm wavelength with 20 dB polarization independent fiber-to-fiber gain and significantly reduced pulse shape and intermodulation distortions 23814
Holtom, C. Vertical sampling: a new look at counting waveforms 27436
Holton, C.E. *see* Glenn, W.E. 58922
Holton, J.T. *see* Deutsch, A. 31562
Holton, N. Initial hazard analysis 37588
Holtta, P. *see* Clarke, J. 26188
Holtta, P. *see* Karttunen, J. 47232
Holtta, V. *see* Makela, K. 59621
Holtz, D. *see* Holtz, K. 15637
Holtz, E. *see* Holtz, K. 15637
Holtz, K., Holtz, E., Holtz, D. Autosophy information theory provides lossless data and video compression based on the data content 15637
Holtz, M., Sauncy, T., Dallas, T., Seon, M., Palsule, C.P., Gangopadhyay, S., Massie, S. Cryogenic pressure and lifetime studies of a defect related emission in heavily silicon doped GaAs 22233
Holtz, P.O. *see* Lundstrom, T. 2129
Holtz Joachim *see* Joachim Holtz
Holtzapple, R. *see* Byrd, J.M. 18004
Holtzapple, R. *see* Robin, D. 17998
Holtzapple, R.L., Decker, F.-J., Simogoulos, C. Bunch compression at the Stanford Linear Collider 17987
Holtzhausen, J.P. *see* Van Wyk, L. 19379
Holtzman, J. *see* Wylie, M.P. 47768
Holtzman, J.M. *see* Pedersen, K.I. 46666
Holtzman, J.M. *see* Pi-Chun Chen 47648
Holub, I.R., Pitarresi, J.M., Singler, T.J. Effect of solder joint geometry on the predicted fatigue life of BGA solder joints 273
Holub, I.R. *see* Singler, T.J. 30316
Holubowciz, W. *see* Jones, S.M.R. 35988
Holubowicz, W. *see* Bobrowski, R. 7072
Holupka, E.J., Kaplan, I.D., Burdette, E.C., Svensson, G.K. Ultrasound image fusion for external beam radiotherapy for prostate cancer 28158
Holy, V. *see* Darhuber, A.A. 12449
Holy, V. *see* Darhuber, A.A. 40304
Holz, A. *see* Ecke, W. 27627
Holz, P.O. *see* Godlewski, M. 12435
Holz, R. *see* Lourdudoss, S. 24014
Holz, R. *see* Muljadi, E. 29193
Holzapfel, W., Neuschaefer-Rube, S. Measurements of the ellipsometric parameters of optical components inside an active laser 59062
Holzapfel, W., Neuschaefer-Rube, U., Doberitzsch, J. Ellipsometric topometry for technical surfaces 59013
Holzapfel, W.I., Wilbanks, T.M., Ade, P.A.R., Church, S.E., Fischer, M.L., Mauskopf, P.D., Osgood, D.E., Lange, A.E. The Sunyaev-Zeldovich Infrared Experiment: a millimeter-wave receiver for cluster cosmology 58516
Holzapfel, W.L. *see* Mauskopf, P.D. 36577
Holzbaur, H. *see* Froning, A. 47455
Holzbaur, H. *see* Newman, D. 57876
Holzer, F. *see* Muller, S. 60993
Holzer, H. *see* Scharfetter, H. 49716
Holzer, J.C. *see* Ohsaka, K. 48958
Holzer, R. *see* Fried, R. 21528
Holzer, T. *see* Massonnet, D. 60099
Holzhauer, D. *see* Read, D. 1860
Holzheimer, T.R. A flexible, multifunction communications antenna 45425
Holzinger, M., Maier, J., Sitte, W. Fast CO_2-selective potentiometric sensor with open reference electrode 27751
Holzmann, A., DeBlis, J. Solid solder deposits (SSD): a bare board solution for high density packaging 22072
Holzmann, G.J. *see* Courtiat, J.-P. 5851
Holzmann, M., Tobben, D., Abstreiter, G. Transport in silicon/germanium nanostructures 2111
Holzmann, M. *see* Koster, T. 43132
Holzmann, M.T. The use of solid solder deposits for improvement of high density SMT yields 11944
Holzner, K. *see* Mutschall, D. 36781
Homan, R. *see* Petrosian, A. 28350
Homann, N., Kalcher, J., Neuper, Ch., Rothl, W., Spanudakis, S., Pregenzer, M., Lugger, K., Pfurtscheller, G. Graz Brain-Computer Interface (BCI)–a pilot study on patients with motor deficits 8064
Homayoun, F. *see* Brody, G. 47864
Hombach, V. *see* Cooper, J. 18562
Hombach, V. *see* Kestler, H.A. 37821
Hombach, V. *see* Kestler, H.A. 49619
Homberg, M.J.C.van den *see* van den Homberg, M.J.C.
Hombu, M., Futami, M., Miyazaki, S., Kubota, Y., Bando, A., Azusawa, N. Harmonics analysis on a slip-power recovery system fed by a DC link GTO converter 60698
Home, W.E. *see* Morgan, M.D. 23641
Home, W.E. *see* Wolfe, J.C. 22711
Homenda, W. Algebraic operators: an alternative approach to fuzzy sets 30469
Homer, A. *see* Oswald, J. 12486
Homer, A. *see* Oswald, J. 54211
Homer, R.J. *see* Beringer, J. 37394
Homewood, K.P. *see* Komoda, T. 31753
Homeyer, H. *see* Engels, O. 37100
Homeyer, W.G., Bowles, E.E., Lupan, S.P., Rodriguez, C., Walia, P.S., Shah, N.M., Maldonado, M.A. Advanced power converters for More Electric Aircraft applications 18709
Homma, A. *see* Nakagawa, M. 5606
Homma, H., Kuroyagi, T., Mirley, C.L., Ronzello, J., Boggs, S.A. Diffusion of low molecular weight siloxane from bulk to surface [outdoor insulators] 8933
Homma, H. *see* Shimizu, F.O. 33363
Homma, J. *see* Adam, A. 37280
Homma, K. *see* Ohkubo, T. 22272
Homma, K. *see* Watanabe, K. 27760
Homma, M. *see* Shioiri, T. 22122
Homma, M. *see* Watanabe, K. 29477
Homma, N. *see* Ohhata, K. 21566
Homma, T., Shiokawa, J., Sezai, Y., Osaka, T. In situ analysis of the deposition process of electroless CoNiP perpendicular magnetic recording media 43685
Homma, Y., Fujiki, T., Kobayashi, K., Shirai, Y., Akazawa, K. Fast-cure liquid encapsulant for ICs 10087
Homma, Y. *see* Inoue, N. 21283
Homma, Y. *see* Miyazaki, H. 42701
Homma, Y. *see* Ogino, T. 12170
Homma, Y. *see* Saito, K. 42372
Hommais, D. *see* Petrot, F. 52948
Hommel, D. *see* Godlewski, F. 12374
Hommel, D. *see* Godlewski, M. 12415
Hommel, D. *see* Gutowski, J. 23917
Hommel, D. *see* Kuttler, M. 2137
Hommel, D. *see* Shao, H. 2219
Hommel, G. *see* Kelling, C. 16096
Hommerich, U. *see* Wu, X. 54088
Homola, J., Yee, S.S. Surface plasmon resonance sensor based on planar light pipe: theoretical optimization analysis 48435
Homola, J. *see* Ctyroky, J. 55253
Homola, J. *see* Vobecky, J. 12872
Homsy, C. *see* Homsy, N. 41631
Homsy, N., Homsy, C. Meeting the challenge of finer pitches 41631
Hon, M.-H. *see* Leu, I.-C. 912
Hon, S. *see* Hollfelder, M. 40331
Hon Cheng-Chuang *see* Cheng-Chuang Hon
Hon Fanglin *see* Fanglin Hon
Hon Kim Kyong *see* Kyong Hon Kim
Hon Wong Man *see* Man Hon Wong
Hon-Fai Yau, En-Yea Pen, Peir-Jyh Wang, Junewen Chen Phase conjugation with picosecond pulses in $BaTiO_3$ 14357
Hon-Fai Yau, Peir-Jyh Wang, En-Yea Pan, Junewen Chen, Chang, J.Y. Self-pumped phase conjugation with picosecond and femtosecond pulses using $BaTiO_3$ 24205
Hon-Fai Yau *see* Chao-Hao Lee 5510
Hon-Sco Wei *see* Shiao-Min Tseng 55215
Hon-Sum Weng, Chang, R.T., Crabbe, E., Agnello, P. CMOS active pixel image sensors fabricated using a 1.8 V, 0.25 μm CMOS technology 48686
Hon-Sum Wong Technology and device scaling considerations for CMOS imagers 17476
Hon-Sung Kim, Jae-Seok Gho, Gyu-Ha Choe, Gwon-Jong You, Sung-Min Hang Design of controller for utility interactive photovoltaic system using new islanding detection method 60593
Hon-Wai Chu, Tsang, D.H.K., Tao Yang Bandwidth allocation for VBR video traffic in ATM networks 46652
Hon-Wai Chu *see* Chi-Chung Cheung 5885
Hon-Wing Cheng, Yau, S.S.-T. Parallel ODE-solvers for Kalman-Bucy filter with arbitrary initial condition 45829
Honary, B. *see* Boyarinov, I. 45535
Honary, B. *see* Charbit, G. 4458
Honary, B. *see* Sidorenko, V. 24712
Honary, B. *see* Thomas, B. 45644
Honavar, V. *see* Mikler, A.R. 46810
Honaxin Liu *see* Liu Honaxin
Honcharenko, W., Kruys, J.P., Lee, D.Y., Shah, N.J. Broadband wireless access 26383
Honcharenko, W. *see* Bertoni, H.L. 4264
Honchell, J.W., Robertson, T.L. Is the role of applied programming languages changing? 20613
Honchell, J.W. *see* Taylor, K.D. 20465
Honcik, K. *see* Brownson, R. 39932
Honczarenkoz, J. *see* Obuchowicz, A. 39884
Honda, C. *see* Nakayama, H. 28874
Honda, C. *see* Otsubo, M. 2970
Honda, H. *see* Nagata, H. 26816
Honda, K., Ara, M., Suzuki, E. Wave front measurement by PLI 7222
Honda, K., Yoneyama, M. Road traffic information communication system at the Metropolitan Expressway 58552
Honda, K. *see* Hasegawa, T. 27904
Honda, K. *see* Igarashi, A. 58226
Honda, K. *see* Nagaoka, K. 59850
Honda, K. *see* Ohoka, H. 48390
Honda, K. *see* Rotondaro, A.L.P. 42479
Honda, M., Murakami, T., Tonoya, Y. Study of ESD quench effects by air ionization 24354
Honda, M. *see* Ikeda, A. 59690
Honda, M. *see* Nishida, S. 49628
Honda, M. *see* Ohoka, H. 48390
Honda, M. *see* Shinohara, H. 59402
Honda, M. *see* Takai, T. 24347
Honda, M. *see* Takami, K. 26652
Honda, M.N., Sugiyama, T., Suzuki, T., Kasahara, H. Halogen-free composite copper-clad laminates 11930
Honda, S. *see* Taniguchi, J. 32180
Honda, T., Arai, K.I., Yamaguchi, M. Basic properties of magnetostrictive actuators using Tb-Fe and Sm-Fe thin films 43719
Honda, T., Kuhota, R., Toda, F., Murata, K. WELL FAMILY residential elevators 29749
Honda, T., Lim, S.W., Inoue, K., Hara, K., Munekata, H., Kukimoto, H., Koyama, F., Iga, K. Diode characteristics of Li_3N-diffused ZnSe grown by MOVPE 44295
Honda, T., Matsumoto, H., Sedlatschek, M., Denz, C., Tschudi, T. Spontaneous formation of hexagons, squares and squeezed hexagons in a photorefractive phase conjugator with virtually internal feedback mirror 14368
Honda, T., Suezawa, M., Sumino, K. Growth and characterization of bulk Si-Ge single crystals 21224
Honda, T. *see* Hirano, H. 1389
Honda, T. *see* Hirano, H. 53292
Honda, T. *see* Ishikawa, H. 6595
Honda, T. *see* Kato, T. 51866
Honda, T. *see* Matsuyama, Y. 25469
Honda, T. *see* Shinohara, K. 7950
Honda, T. *see* Yoshida, M. 37288
Honda, Y. *see* Hirayama, Y. 32849
Honda, Y. *see* Horiguchi, T. 57410
Honda, Y. *see* Okada, S. 37024
Honda, Y. *see* Shinkawa, K. 36457
Hondo, N., Iba, H., Kakazu, Y. Robust GP in robot learning 10394
Hondoh, H., Komuro, H. Distributed system management "SystemScope" 16233
Hone-Zern Chen, Chen, Y.C., Wu, Z.S., Jia, S.C., Lin, C.H., Hsiung Chou Optical response and heat characteristics in $Y_1Ba_2Cu_3O_{7-\delta}$ microbridges with different surface morphologies 3282
Honerla, J., Isgor, W. Modernization of an impulse test generator with standard devices 48747
Honerlage, B. *see* Gilliot, P. 22361
Honerlage, B. *see* Valenta, J. 33668
Honfeng Zhang *see* Zhang Honfeng
Hong, B.S., Ford, S.J., Mason, T.O. Equilibrium electrical property measurements in electroceramics 36831
Hong, B.Y. *see* Lee, S.H. 9243
Hong, C. *see* Kikutani, T. 31984
Hong, C. *see* Roemer, M.J. 29239
Hong, C.-S., Kim, J.H., Krug, W.P., Griem, H.T., Turner, J.B. Airborne LAN for broadband communications 16401
Hong, C.S., Kwon, I.B., Kim, C.G. Strain and failure sensing by the fiber optic Michelson sensor embedded in composite beam 17426
Hong, C.S. *see* Chan, E.Y. 228
Hong, D. *see* Sarkodie-Gyan, T. 39881
Hong, D.-H. *see* Kwon, K.-I. 4377
Hong, D.G. *see* Galloway, R.B. 49992
Hong, D.S. *see* Kwon, S.L. 6484
Hong, D.S. *see* Yoon, S.H. 45592
Hong, F.-L., Ishikawa, J. Saturation spectroscopy of molecular iodine at 532 nm by Nd:YAG lasers and their application for frequency stabilization 17728
Hong, F.C.-N. *see* Jih-Jen Wu 21340
Hong, G. *see* Lin, C.-J. 1344
Hong, G. *see* Lin, C.-J. 53280
Hong, H. *see* Wang, C. 36627
Hong, H.K. *see* Kim, D.W. 34717
Hong, H.W., Colwell, D.H. Intelligent system identifies and locates transmission faults 50673

Hong, J., Bawagan, A.D.O., Charbonneau, S., Stolow, A. Broadly tunable femtosecond pulse generation in the near and mid-infrared 55831
Hong, J., Lee, J.W., Lambers, E.S., Abernathy, C.R., Pearton, S.J., Constantine, C., Hobson, W.S. Comparison of ICl and IBr plasma chemistries for etching of InGaAlP alloys 12762
Hong, J., Lee, J.W., Lambers, E.S., Abernathy, C.R., Santana, C.J., Pearton, S.J., Hobson, W.S., Ren, F. Dry etching of InGaAlP alloys in Cl_2/Ar high ion density plasmas 12738
Hong, J., Lee, J.W., Pearton, S.J., Santana, C., Abernathy, C.R., Hobson, W.S., Ren, F. Cl_2 based ECR etching of InGaP, AlInP and AlGaP 22590
Hong, J., Lee, J.W., Santana, C.J., Abernathy, C.R., Pearton, S.J., Hobson, W.S., Ren, F. Plasma etching of InGaP, AlInP and AlGaP in BCl_3 environments 32187
Hong, J., Ma, J., Chang, T., McMichael, I., Christian, W., Pletcher, D. Holographic memory for fast data access 55177
Hong, J., McMichael, I., Jian Ma Influence of phase masks on cross talk in holographic memory 4120
Hong, J., Pearton, S.J., Hobson, W.S., Han, H. Selective and non-selective wet chemical etching of $GaAs_{0.93}P_{0.07}$ 2415
Hong, J. *see* Chiou, A. 23454
Hong, J. *see* Lee, J.W. 54437
Hong, J. *see* Lee, J.W. 54459
Hong, J.-K., Kim, S.-I., Lee, H.-Y. Wideband dielectric modeling and transmission analysis of FR-4 composite substrate with different composition ratio 53527
Hong, J.H., Chang, T.Y., Sefler, G.A. Photonic RF processing systems 56498
Hong, J.H. *see* Jian Ma 55939
Hong, J.K. *see* Chang, B.I. 31832
Hong, J.K. *see* Han, M.S. 42369
Hong, J.P., Cho, U.H., Lee, J.I., Yun, L.H., Lee, J.H., Cho, Y.K., Eom, H.J. Leaky wave antenna analysis, design, and implementation 45419
Hong, J.P. *see* Im, D.H. 51016
Hong, J.P. *see* Kim, J.M. 58930
Hong, J.P. *see* Lee, J.I. 45055
Hong, J.S. *see* De Melo, M.T. 21895
Hong, J.W., Katchabaw, M.J., Bauer, M.A., Lutfiyya, H. Modeling and management of distributed applications and services using the OSI Management Framework 46909
Hong, J.W. *see* Jong-Tae Park 35593
Hong, K. *see* Dehe, A. 7341
Hong, K.P. *see* Paik, J.H. 57220
Hong, L. *see* Ding, Z. 48677
Hong, M., Passlack, M., Mannaerts, J.P., Harris, T.D., Schnoes, M.L., Opila, R.L., Krautter, H.W. A Ga_2O_3 passivation technique compatible with GaAs device processing 54417
Hong, M. *see* Christenson, G.L. 36113
Hong, M. *see* Ejeckam, F.E. 36554
Hong, M. *see* Passlack, M. 2385
Hong, M. *see* Passlack, M. 21318
Hong, M. *see* Passlack, M. 22480
Hong, M. *see* Shire, D.B. 6722
Hong, M. *see* Tu, L.W. 3854
Hong, M.-C., Katsaggelos, A.K. An iterative regularized error concealment algorithm 15599
Hong, M.H. *see* Lu, Y.F. 10139
Hong, M.H. *see* Lu, Y.F. 13456
Hong, M.H. *see* Song, W.D. 22606
Hong, M.T. *see* Chen, H.Z. 48974
Hong, M.W. *see* Ren, F. 43103
Hong, M.Y., Chang, Y.H., Dienes, A., Heritage, J.P., Delfyett, P.J., Dijaili, S., Patterson, F.G. Femtosecond self- and cross-phase modulation in semiconductor laser amplifiers 55716
Hong, N.M. Volume dependence of magnetic interactions in R_2Fe_{17} and $R_2Fe_{14}B$ and their interstitial compounds with H, C and N 3094
Hong, Q.-Z. *see* Ting, L.M. 54501
Hong, Q.H. *see* Gleed, D.G. 35327
Hong, Q.H. *see* Lettington, A.H. 36688
Hong, Q.Z. *see* Clevenger, L.A. 42748
Hong, Q.Z. *see* Kittl, J.A. 42621
Hong, Q.Z. *see* Kittl, J.A. 43279
Hong, Q.Z. *see* Lu, J.P. 42617
Hong, S., Kim, E., Jiang, Z.-T., Bae, B.-S., No, K., Shin, W., Lim, S.-C., Woo, S.-G., Koh, Y.-B. Investigation on application of chromium-based materials to attenuated phase shift masks for DUV exposure 22642
Hong, S., Wetzel, P., Gewinner, G., Pirri, C. Formation of metastable epitaxial $CoSi_x$ (x<2) layers by reactive codeposition on $CoSi_2$(111) 10730
Hong, S. *see* Kim, H.S. 55753
Hong, S. *see* Racanelli, M. 43263
Hong, S. *see* Wetteroth, T. 22911
Hong, S.-B. *see* Park, Y.-M. 16495
Hong, S.-K., Lee, H.-G., Lee, J.-J., Kim, S.-G., Pyun, K.-E., Park, H.-M. Molecular beam epitaxy growth of indium-rich $In_xGa_{1-x}As/In_yAl_{1-y}As/InP$ structures towards high channel conductivity for a high electron mobility transistor using a linearly graded buffer layer 30815
Hong, S.H. *see* Chan, M.L. 43757
Hong, S.H. *see* Lee, C.B. 15600
Hong, S.J. *see* Kim, S.E. 41173
Hong, S.K. *see* Chang, B.I. 31832
Hong, S.K. *see* Kyung, C.M. 41259
Hong, S.Q. *see* Shin, H.C. 42989
Hong, S.Y., Ni, J., Wu, S.M. Analysis of drill failure modes by multi-sensors on a robotic end effector 36921
Hong, S.Y. *see* Kim, J.R. 2455
Hong, T.G. *see* Ying, C.D. 22165
Hong, W., Huang, Y., Mao, S. A comparison of several spotlight SAR algorithms 16953
Hong, W., Sun, W., Zhu, Z., Ji, H., Song, B., Wei-Ming Dai, W. A novel dimension reduction technique for the capacitance extraction of 3D VLSI interconnects 11105
Hong, W. *see* Zhu, Z. 13077
Hong, W.S., Cho, H.S., Perez-Mendez, V., Kadyk, J., Palaio, N. Gas avalanche pixel detectors 59294
Hong, W.S. *see* Cho, H.S. 59263
Hong, W.S. *see* Walton, J.T. 59281
Hong, Y. Design and application of frequency doubling phase-matching angle of POM crystal 24235
Hong, Y. *see* Jones, D.E. 7601
Hong, Y. *see* Tian, Y. 32338
Hong, Y.E., Keshavarzi, A., Tay, M.T.W. Source drain leakage: a potential problem in sub-micron CMOS devices 43310
Hong, Y.L. *see* Xia, A.D. 2498
Hong, Y.R., Wang, P., Mao, Y.W., Li, F.S., Li, L.S. Applications of ferro sensor in nickel matte smelting 27530
Hong Bin Liu *see* Feng Cheng Chang 34183
Hong Bo *see* Bo Hong
Hong Bor Zen *see* Bor Zen Hong
Hong Byungyou *see* Byungyou Hong
Hong Cai *see* Cai Hong
Hong Chan-Hee *see* Chan-Hee Hong
Hong Chang-Sun *see* Chang-Sun Hong
Hong Chen, Hanqin Zhang Diffusion approximations for re-entrant lines with a first-buffer-first-served priority discipline 52412
Hong Chen *see* Da-Fu Cui 32679
Hong Chen *see* Tailan Chi 20805
Hong Chen *see* Chen Hong
Hong Chi-Shain *see* Chi-Shain Hong
Hong Chin-Ming *see* Chin-Ming Hong
Hong Choong Seon *see* Choong Seon Hong
Hong Dae Sik *see* Dae Sik Hong
Hong Dae-Sik *see* Dae-Sik Hong
Hong Deng *see* Xiaodong Zhang 57131
Hong Ding *see* Ding Hong
Hong Dong Hee *see* Dong Hee Hong
Hong Dug Hun *see* Dug Hun Hong
Hong Een-Kee *see* Een-Kee Hong
Hong Eyoh Chih *see* Chih Hong Eyoh
Hong Gan, Takeuchi, E.S. Lithium electrodes with and without CO_2 treatment: electrochemical behavior and effect on high rate lithium battery performance 29524
Hong Gao *see* Gao Hong
Hong Goo Kang *see* Yong Soo Choi 15056
Hong Gook Kim *see* Myung Soo Han 30779
Hong Gu *see* Gu Hong
Hong Guan *see* Dowling, E.M. 4813
Hong Gui Jang *see* Seok-Keun Koh 42671
Hong Guo *see* Jian Wang 12388
Hong Guo *see* Taylor, R.P. 42074
Hong Guo *see* Guo Hong
Hong Gyoung-Pyo *see* Gyoung-Pyo Hong
Hong Ha Nguyen *see* Nguyen Hong Ha
Hong Hai, Zhong Yuzhuo, Zhi Xihu Compression algorithm of still image data based on wavelet transformation 25693
Hong Han Jae *see* Jae Hong Han
Hong Hao-Chiao *see* Hao-Chiao Hong
Hong He *see* He Hong
Hong Hong-Ming *see* Hong-Ming Hong
Hong Huang, Liuchen Chang Simulation study on the membership functions of the basic fuzzy logic controller for electric vehicle propulsion systems 20178
Hong Huang, Liuchen Chang Computer simulation of electric vehicle tests 51782
Hong Hyeong-Pyo *see* Hyeong-Pyo Hong
Hong Hyun-Ki *see* Hyun-Ki Hong
Hong Hyung-Ki *see* Hyung-Ki Hong
Hong Jae Kim *see* Bum-Jae You 25797
Hong Jenn-Chau *see* Jenn-Chau Hong
Hong Jeong *see* Jung-Gu Kim 35039
Hong Jeong *see* Yang Weon Lee 8638
Hong Jeong *see* Yang-Weon Lee 56593
Hong Jia-Sheng *see* Jia-Sheng Hong
Hong Jiang *see* Hess, C.P. 59496
Hong Jiang *see* Jiang Hong
Hong Jiang Zhang, Jianhua Wu, Di Zhong, Smolliar, S.W. An integrated system for content-based video retrieval and browsing 57413
Hong Jiarong *see* Chen Bin 57331
Hong Jiarong *see* Li Xingyuan 57484
Hong Jin, Hongyue Zhang Failure detection using optimal parity vector sensitive to special sensor failure 27468
Hong Jin Hyuk *see* Jin Hyuk Hong
Hong Jin Kong *see* Do Il Chang 44627
Hong Jin Kong *see* Hyun Su Kim 3760
Hong Jin Kong *see* Ki Young Um 55589
Hong Jin Pyo *see* Jin Pyo Hong
Hong Jin-Hua *see* Jin-Hua Hong
Hong Jin-Woong *see* Jin-Woong Hong
Hong Jing *see* Zhao Feng 44825
Hong Jo Nam *see* Nam Hong Jo
Hong Jun *see* Wang Guicheng 7828
Hong Jun-Hee *see* Jun-Hee Hong
Hong June Park *see* Young-Hee Kim 21666
Hong Jung-Kyun *see* Jung-Kyun Hong
Hong Jung-Pyo *see* Jung-Pyo Hong
Hong Jyh-Wong *see* Jyh-Wong Hong
Hong Ki Sang *see* Ki Sang Hong
Hong Ki-Sang *see* Ki-Sang Hong
Hong Kichul *see* Kichul Hong
Hong Kickul *see* Kickul Hong
Hong Kim Chan *see* Chan Hong Kim
Hong Kim Joon *see* Joon Hong Kim
Hong Koo Baik *see* Dong-Soo Yoon 2431
Hong Koo Baik *see* Gi Bum Kim 10678
Hong Kook Kim *see* Byung Kwon Song 30776
Hong Kuk-Tae *see* Kuk-Tae Hong
Hong Kwang-Seok *see* Kwang-Seok Hong
Hong Ky Nguyen *see* Nguyen Hong Ky
Hong Lang *see* Lang Hong
Hong Lee Jae *see* Jae Hong Lee
Hong Lee Jin *see* Jin Hong Lee
Hong Lee Park *see* Young-Nam Hwang 12500
Hong Lee Park *see* Young-Nam Hwang 22392
Hong Lee Tae *see* Tae Hong Lee
Hong Lee Won *see* Won Hong Lee
Hong Li, Xiang Lin Yang Study of distributed erbium doped fiber amplifier 44396
Hong Li *see* Li Hong
Hong Liang *see* Liang Hong
Hong Lin, Miller, R.E. Partial-order validation for multi-process protocols modeled as communicating finite state machines 57656
Hong Lin, Perez, W.H., Gu, Y., Reddy, K.V. Saturable absorber mode-locked Er/Yb fiber ring lasers 23796
Hong Lin *see* Lin Hong
Hong Ling *see* Ling Hong
Hong Ling Ming *see* Ming Hong Ling
Hong Liu, Miller, R.E. An approach to cyclic protocol validation 46724
Hong Liu, Miller, R.E. Reachability problems for cyclic protocols 46788
Hong Luo, Ying Liang, Jianzhong Yuan, Qijiu Qiu A Ka band compressed grooved waveguide ferrite phase shifter 53544
Hong Ma The digital predistortion of non-linear frequency modulation of voltage-controlled-oscillator in mm-band 41457
Hong Ma, Lanfen Qi The development of nonradiative dielectric waveguide transmitting front-end in Ka-band 11731
Hong Ma *see* Ma Hong
Hong Man Kim *see* Beom-hoan O 23977
Hong Man Kim *see* Beom-Hoan O 24016
Hong Man Kim *see* Hye-Rim Kim 32650
Hong Mi-Ran *see* Mi-Ran Hong
Hong Myoung-Woo *see* Myoung-Woo Hong
Hong Nung-Pyo *see* Nung-Pyo Hong
Hong Park Jae *see* Jae Hong Park
Hong Pham *see* Bowen, L. 43593
Hong Pham-Nguyen *see* Gentilman, R. 17289
Hong Qi He *see* Qi He Hong
Hong Qi-Zhong *see* Qi-Zhong Hong
Hong Qinyue *see* Qinyue Hong
Hong Ren *see* Qiying Chen 33380
Hong Se June *see* Se June Hong
Hong Seok-Joon *see* Seok-Joon Hong
Hong Seok-Kyoung *see* Seok-Kyoung Hong
Hong Seong Park *see* Yong Ho Kim 47062
Hong Seong-Ahn *see* Seong-Ahn Hong
Hong Seung Ho *see* Seung Ho Hong
Hong Seunghong *see* Seunghong Hong
Hong Sheng *see* Rezazadeh, A.A. 26696
Hong Shi, Abbasi, N., Zukowski, C., Wing, O. Buffer size trade-offs in input/output buffered ATM switches under various conditions 46635
Hong Shick Min *see* Kyung Goo Moh 43128
Hong Shum Kam *see* Kam Hong Shum
Hong Sik Jeong *see* Young-Nam Hwang 12500
Hong Sik Jeong *see* Young-Nam Hwang 22392
Hong Soek-Kyoung *see* Soek-Kyoung Hong
Hong Song-Cheol *see* Song-Cheol Hong
Hong Soon Choi *see* Chang Seop Koh 51041
Hong Soonsung *see* Soonsung Hong
Hong Sun *see* Sun Hong
Hong Sun-Ki *see* Sun-Ki Hong
Hong Sung Chul *see* Sung Chul Hong
Hong Sung Je *see* Sung Je Hong
Hong Sung Yong *see* Sung Yong Hong
Hong Sung-Chan *see* Sung-Chan Hong
Hong Sung-Soo *see* Sung-Soo Hong
Hong Sung-Wai *see* Sung-Wai Hong
Hong Sunmi *see* Sunmi Hong
Hong Tan *see* Tan Hong
Hong Tang, Scuka, V. The breakdown mechanism of a mid-plane triggered spark gap trigatron 31725
Hong Tang *see* Tang Hong
Hong Tang Guo *see* Guo Hong Tang
Hong Tsai-Hong *see* Tsai-Hong Hong
Hong Tzung-Pei *see* Tzung-Pei Hong
Hong Wan, VanBaren, P., Ebbini, E., Cain, C. Comparison of phased array strategies for ultrasound surgery 28421
Hong Wan, VanBaren, P., Ebbini, E.S., Cain, C.A. Ultrasound surgery: comparison of strategies using phased array systems 8104
Hong Wang, Kam Sing Wong, Daoqun Deng, Zuyan Xu, Wong, G.K.L., Jingyuan Zhang Kilohertz femtosecond UV-pumped visible β-barium borate and lithium triborate optical parametric generator and amplifier 55874

Hong Wang, Peida Ye Four-wave-mixing in optical soliton communication system 47895
Hong Wang, Ye, P. Four-wave-mixing in optical soliton communication system with nonuniform chromatic dispersion 26808
Hong Wang *see* Wenji Peng 3877
Hong Wang *see* Wang Hong
Hong Wang Liu *see* Liu Hong Wang
Hong Wei *see* Huang Wen-Zhong 44354
Hong Wei *see* Wei Hong
Hong Won Hak *see* Won Hak Hong
Hong Won-Kyu *see* Won-Kyu Hong
Hong Won-Pyo *see* Won-Pyo Hong
Hong Woo Yu *see* Chang Joo Youn 22826
Hong Xianlong, Cai Yici, Qiao Changge, Huang Pujiang, Kang Zhiwei, Xue Tianxiong, Kuh, E.S., Cheng Chungkuan Timing-driven layout system for gate-array and standard-cell design–Tiger 52984
Hong Xianlong *see* Kong Tianming 40807
Hong Xjaoyin *see* Xjaoyin Hong
Hong Yan Unified formulation of a class of image thresholding techniques 15853
Hong Yan *see* Dahai Cheng 57408
Hong Yan *see* Donggang Yu 5398
Hong Yan *see* Fu, A.M.N. 46224
Hong Yan *see* Jardine, A.K.S. 20994
Hong Yan *see* Jianming Hu 15967
Hong Yan *see* Jianming Hu 57195
Hong Yan *see* Kai Huang 35079
Hong Yan *see* Kin-Man Lam 5613
Hong Yan *see* Pham, T.D. 46156
Hong Yan *see* Popescu, D.C. 35291
Hong Yan *see* Whichello, A.P. 5641
Hong Yang, Deane, P., Magill, P., Murty, K.L. Creep deformation of 96.5Sn-3.5Ag solder joints in a flip chip package 229
Hong Yanhua Optical bistability in a ring cavity with photorefractive crystals 33628
Hong Yaoliang, Miller, L.L., Graf, D.D., Mann, K.R., Zinger, B. Electroluminescence from a polyester containing oligothiophenes in the main chain, enhanced by a diimide electron transport agent 33246
Hong Yeop Song *see* In Kyeom Kim 15673
Hong Yi *see* Xin-Cheng Gao 53313
Hong Yin *see* Yin Hong
Hong Ying *see* Ying Hong
Hong Ying-Yi, Wang Fu-Ming Investigation of impacts of different three-phase transformer connections and load models on unbalance in power systems by optimization 60215
Hong Ying-Yi *see* Ying-Yi Hong
Hong Yonghe *see* Li Jiaxu 36581
Hong Yoon Yeo *see* Yeo Hong Yoon
Hong Youn-Sik *see* Youn-Sik Hong
Hong Young-Jin *see* Young-Jin Hong
Hong Zhang *see* Littau, K.A. 40648
Hong Zhang *see* Shlomo Ta'Asan 10518
Hong Zhang *see* Yi-Mo Zhang 57917
Hong Zhang *see* Zhang Hong
Hong Zhang Xiao *see* Zhang Xiao Hong
Hong Zhao *see* Zhao Hong
Hong Zhaojian *see* Zhaojian Hong
Hong Zheng *see* Balivada, A. 21821
Hong Zhi-Yong *see* Ma Dong-Ge 44284
Hong Zhiliang, Schmid, J., Melchior, H. A four quadrant analogue multiplier consisting of MOS transistors only 53471
Hong Zhou, Xie-Ting Ling Problems with the chaotic inverse system encryption approach 34616
Hong Zhou *see* Zhou Hong
Hong Zhu, Fonash, S.J. Study of buffer layer design in single junction solar cells 39140
Hong-Bae Lee *see* Seung-Hyun Song 41557
Hong-Bin Zha *see* Hara, K. 4944
Hong-Chan Chang *see* Cheng-Chien Kuo 28883
Hong-Ci Huang *see* Xiao-Liang Cheng 52576
Hong-Du Liu *see* Bi-Zhen Dong 12838
Hong-Du Liu *see* Sheng Lan 3855
Hong-Fwu Yu *see* Sheng-Tsaing Tseng 52150
Hong-Gui Jang *see* Seok-Keun Koh 14232
Hong-Jun Su, Xue-Wen Chen, Zhen-Pei Chen Improved correlation discrimination by means of maximum entropy method 57155
Hong-Jun Su *see* Jie-Lin Li 36887
Hong-Jun Zhang *see* Ping Xie 24074
Hong-Jun Zhang *see* Ping Xie 27682
Hong-June Park *see* Cheol-Hee Lee 21819
Hong-Koo Baik *see* Seok-Kyun Song 10871
Hong-Koo Baik *see* Seung-Joo Lee 19952
Hong-Kuk Kim *see* Kyung-Ku Choi 32112
Hong-Kyoo Choi, Kwang-Ho Chun, Sang-Ho Lee, Tae-Eun Kang A study on the control of an induction motor using fuzzy controller 60743
Hong-Kyu-Kim *see* Sun-Ki Hong 43609
Hong-Liang Zhu, Hillmer, H., Burkhard, H., Hartnagel, H.I. A novel self aligned processing technique for mushroom-stripe lasers 55623
Hong-Ming Chen *see* Jia-Lin Chen 23255
Hong-Ming Hong, Chung-Yee Leung, Fu-Fa Lu, Tai-Ping Sun Thermal imager primary design and analysis using PC based scientific spreadsheet 36703
Hong-Ming Yang, Tan-Fu Lei, Yu-Chung Huang, Chung-Len Lee MOS magnetic current sensor based on standard CMOS process 48494
Hong-Ming Yang, Yu-Chung Huang, Tan-Fu Lei, Chung-Len Lee, Shu-Chi Chao High-resolution MOS magnetic sensor with thin oxide in standard submicron CMOS process 36539
Hong-Sen Kou, Chi-Liang Lee Adaptive parameter scheme in solving one-dimensional advection-diffusion equation including a variable source term 610
Hong-Seok Choi *see* Cheol-Min Park 22580
Hong-Seok Choi *see* Kwon-Young Choi 54670
Hong-Shick Min *see* In-Young Chung 11440
Hong-Shick Min *see* Jai-Hyuk Song 2627
Hong-Shick Min *see* Jin-Yang Kim 54625
Hong-Shik Park, Yool Kwon, Young-Sup Kim, Seok-Youl Kang ATM interface technologies for an ATM switching system 47474
Hong-Shik Park *see* Dong-Yong Kwak 5791
Hong-Shik Park *see* Man-Yeong Jeon 5959
Hong-Shik Park *see* Woo-Seop Rhee 26190
Hong-Shung Wang *see* Tzung-Pei Hong 21093
Hong-Shuo Li *see* Yi-Zhong Wang 55029
Hong-Sung Kim *see* Geum-Bae Cho 29516
Hong-Tao Sun, Faccio, M., Cantalini, C., Pelino, M. Impedance analysis and circuit simulation of quartz resonator in water at different temperatures 38114
Hong-Tao Sun, Zhi-Hong Chen, Wlodarski, W., McCormick, M. Silica and polyimide coated quartz crystal resonators for analysis of liquids 27483
Hong-Twu Chen, Yuan-Tung Cheng Analysis of the disk-loaded spherical annular-ring microstrip antenna 34258
Hong-Tzer Yang, Pai-Chuan Yang, Ching-Lien Huang A parallel genetic algorithm approach to solving the unit commitment problem: implementation on the transputer networks 60531
Hong-Tzer Yang *see* Chao-Ming Huang 50402
Hong-Tzer Yang *see* Yann-Chang Huang 19288
Hong-Tzer Yang *see* Yann-Chang Huang 50651
Hong-Tzer Yang *see* Yann-Chang Huang 51077
Hong-Tzer Yang *see* Yann-Chang Huang 51090
Hong-Wen Ren, Nishinaga, T. Reconstruction transitions during molecular-beam epitaxy on GaAs(111)B vicinal surfaces studied by scanning electron microscopy 10696
Hong-Woo Rhew, Seung-Ki Sul, Min-Ho Park A new static exciter circuit using buck-boost converter 19688
Hong-Woo Rhew, Seung-Ki Sul, Min-Ho Park A new generator static excitation system using boost-buck chopper 50898
Hong-Woo Rhew *see* Byung-Do Yoon 51671
Hong-Ye Gao *see* Bruce, A.G. 14779
Hong-Yeon Hwang *see* Ho-Pyeong Lee 50291
Hong-Yeop Song *see* Jong-Seon No 24622
Hong-Yeung Chang *see* Jung-Hyung Kim 14621
Hong-Yi Fan, Min Xiao Construction of optical networks by virtue of the IWOP technique 45477
Hong-Yi Huang, Kuo-Hsin Cheng, Yuan-Hua Chu, Chung-Yu Wu True-single-phase all-N-logic differential logic (TADL) for very high-speed complex VLSI 1308
Hong-Yi Huang, Yuan-Hua Chu Feedback-controlled split-path CMOS buffer 2832
Hong-Yi Luang, Yuan-Hua Chu Unbalanced current latch sense amplifier for low-power high-speed PLDs 1154
Hong-Yi Tzeng, Kai-Yeung Sin On max-min fair congestion control for multicast ABR service in ATM 57561
Hong-Yi Tzeng *see* Kai-Seung Siu 47191
Hong-Yi Tzeng *see* Kai-Yeung Siu 25924
Hong-Ying Wu, Xiao-Ming Yuan, Jin-Fa Zhang, Wei-Xun Lin Novel single phase current source buck PFC with delta modulation control strategy 9325
Hong-Young Chang *see* Seong-Heon Seo 7831
Hong-Yuan Liao *see* Shi-Hong Jeng 5616
Hong-Yuan Mark Liao *see* Jung-Shiong Chang 25279
Hong-Yung Mark Liao *see* Chun-Shien Lu 56779
Hong-Zhi Ding *see* Ding Hong-Zhi
Hong-Zhou Ma *see* Liang-Yao Chen 48970
Hongan Jiang *see* Jiang Hongan
Hongbao Zhang, Rutkowski, D. Orthogonal sequency division multiplexing with power control for indoor broadband radio services 47766
Hongbiao Zhang *see* Chlamtac, I. 46782
Hongbin Ji An economic model for bandwidth allocation in broadband communication networks 6311
Hongbin Li *see* Li Hongbin
Hongbin Sun *see* Sun Hongbin
Hongbin Wang *see* Wang Hongbin
Hongbin Zha, Muramatsu, S., Nagata, T. 3-D shape recovery using a relaxation algorithm based on surface feature consistency 25676
Hongbin Zha, Nanamegi, H., Nagata, T. 3-D object recognition from range images by using a model-based Hopfield-style matching algorithm 15526
Hongbin Zha, Suzuki, H., Nagata, T., Nagahama, H. Coordination of visual and tactile sensors for pushing operation using multiple autonomous arms 27657
Hongbin Zha *see* Okada, N. 46142
Hongbing Chen, Kimura, S., Ebihara, Y. Mean response time and traffic in real-time communication system with different CPU processing time 26098
Hongbo Lu *see* Lu Hongbo
Hongbo Su *see* Su Hongbo
Hongbo Sun *see* Sun Hongbo
Hongbo Zhu *see* Kunyan Liu 5976
Hongchang Fan *see* Xiaonong Xu 7249
Hongche Liu, Tsai-Hong Hong, Herman, M., Chellappa, R. Image gradient evolution–a visual cue for collision avoidance 5108
Hongchen Zhai *see* Zhai Hongchen
Hongcheng Yin *see* Guoying Chen 36223
Hongcheng Yin *see* Yin Hongcheng
Hongchi Shi, Gader, P.D. Lexicon-driven handwritten word recognition using Choquet fuzzy integral 25339
Hongda Ma *see* Ma Hongda
Hongding Xu *see* Xu Hongding
Hongen Liu *see* Liu Hongen
Hongerholt, D.D., Rose, J.L., German, R.M. Using ultrasonic sensors for powder injection molding 20982
Hongfang Chen *see* Chen Hongfang
Hongfen Zhang *see* Wenyi Wang 30378
Hongfeng Zheng *see* Zheng Hongfeng
Hongfu Li *see* Shiwen Yang 45345
Hongfu Li *see* Shiwen Yang 53529
Hongfu Li *see* Li Hongfu
Honggang Zhu *see* Zhu Honggang
Honggao Tang *see* Tang Honggao
Hongge Pan *see* Pan Hongge
Honghai Jiang, Majithia, J.C. Suggestion for a new representation for binary function 11378
Honghai Zhang *see* Cao Wei 2994
Honghu Li *see* Shiwen Yang 56115
Honghua Dai *see* Wallace, C. 45577
Hongil Yoon *see* Kyuchan Lee 53291
Hongjia He *see* He Hongjia
Hongjie Xu *see* Xu Hongjie
Hongjing Kan *see* Xinxian Bao 55170
Hongjuan Ge *see* Ge Hongjuan
Hongjun Zeng *see* Zeng Hongjun
Hongjun Zhang *see* Zhang Hongjun
Hongkai Gao *see* Gao Hongkai
Hongkai Lai *see* Shou Liu 44801
Hongkang Zhao *see* Zhao Hongkang
Hongki Sung *see* Kyok Kim 57664
Honglan Jin, Miyanaga, Y., Tochinai, K. On the optimum design of clustering structures by genetic algorithm 56551
Honglei Fan *see* Gubo Li 2352
Honglei Fan *see* Fan Honglei
Hongliang Ma *see* Ma Hongliang
Hongliang Qiang *see* Qiang Hongliang
Hongliang Zhang *see* Qi Wei 57346
Hongliang Zhu *see* Zhu Hongliang
Honglin Zhao *see* Zhao Honglin
Hongman Kim *see* Chongdae Park 23906
Hongmei Jing *see* Jing Hongmei
Hongmei Li *see* Li Hongmei
Hongmin Yu *see* Yu Hongmin
Hongming Zhang *see* Zhang Hongming
Hongo, H., Nattori, T., Miyamoto, Y., Furuya, K., Matsunuma, T., Watanabe, M., Asada, M. Seventy-nm-pitch patterning on CaF_2 by e-beam exposure 22742
Hongo, H., Tanaka, H., Miyamoto, Y., Otake, T., Yoshinaga, J., Furuya, K. Electrical properties of 100 nm pitch Cr/Au fine electrodes with 40 nm width on GaInAs toward hot electron interference/diffraction devices 43165
Hongo, K. Diffraction of electromagnetic plane wave by an infinitely long conducting strip on dielectric slab 56005
Hongo, T. *see* Itako, K. 29385
Hongo, Y., Michishita, K., Ishii, M. Role of overhead ground wire in the generation mechanism of lightning-induced voltage over lossy ground 60423
Hongo, Y. *see* Michishita, K. 38421
Hongot, H., Miyamoto, Y., Suhara, M., Furuya, K. Hot electron interference by 40 nm-pitch double slit buried in semiconductor 42200
Hongpu Li *see* Li Hongpu
Hongqi Li *see* Jinwei Tong 33750
Hongqi Li *see* Li Hongqi
Hongqi Tian, Kuwahara, O., Yamamoto, M., Hamabe, K. Discrete time sliding mode control of high speed spindle suspended by magnetic bearings. I. Control characteristics in levitation and high-speed rotation 50916
Hongqi Xu *see* Qinghong Du 54153
Hongqiang Lu, Bhat, I. Magnesium doping of GaN by metalorganic chemical vapor deposition 10896
Hongqiang Lu, Thothathiri, M., Ziming Wu, Bhat, I. Study of indium droplets formation on the $In_xGa_{1-x}N$ films by single crystal X-ray diffraction 52725
Hongqiang Lu, Ziming Wu, Bhat, I. Photoassisted anodic etching of gallium nitride 42590
Hongqiao Sun *see* Weiping Li 35188
Hongqing Xu *see* Xu Hongqing
Hongqun Li *see* Li Hongqun
Hongru Yang *see* Yang Hongru
Hongsheng Cai, Mirchandani, G. A new embedded image codec based on the wavelet transform and binary position coding 58053
Hongsheng Xi The guaranteed estimation performance filter for discrete-time descriptor systems with uncertain noise 24904
Hongsheng Zhu *see* Lebar, A.M. 18213
Hongshi Wu *see* Wu Hongshi
Hongshu Pan *see* Pan Hongshu
Hongshun Ji *see* Ji Hongshun

Hongsik Choi, Hyeong-Ah Choi, Azizoglu, M. Efficient scheduling of transmissions in optical broadcast networks 26881
Hongsuk Chung *see* Han-Soo Lee 29046
Hongtao Han, Boudreau, R., Song-Sheng Tan Electroplated solder joints for optoelectronic applications 3648
Hongtao Hu *see* Hu Hongtao
Hongtao Jiang, Hinckley, J.M., Singh, J. Free carrier absorption as a probe of carrier dynamics: a Monte Carlo based study for silicon 41879
Hongtao Wang *see* Jianguo Zhu 52816
Hongwei Cheng *see* Cheng Hongwei
Hongwei Dai *see* Dai Hongwei
Hongwei Ge *see* Ge Hongwei
Hongwei Long *see* Zuobin Wang 7392
Hongwei Wang *see* Wang Hongwei
Hongwei Yan *see* Biying Huang 9520
Hongwei Zhao *see* Chen Wang 53958
Hongwei Zhao *see* Zhao Hongwei
Hongwen Ren *see* Ren Hongwen
Hongxia Qing *see* Qing Hongxia
Hongxing Dai, Chinlon Lin, Ovadia, S. Hybrid AM-VSB/256-QAM multichannel video transmission over 120 km of standard single-mode fiber with three cascaded EDFAs 36086
Hongxing Dai, Ovadia, S., Chinlon Lin Hybrid AM-VSB/M-QAM multichannel video transmission over 120 km of standard single-mode fiber with cascaded erbium-doped fiber amplifiers 16704
Hongxing Dai *see* Chinlon Lin 58324
Hongxing Dai *see* Keang-Po Ho 36157
Hongxing Dai *see* Ovadia, S. 16757
Hongxing Meng, Salamo, G., Ming-Feng Shih, Segev, M. Coherent collisions of photorefractive solitons 55853
Hongxiu Liu Phase space bifurcation observed in modeling a CW photocathode FEL injector at CEBAF 17989
Hongya Ge, Bar-Ness, Y. Performance analysis on the linear minimum mean squared error (LMMSE) estimate-based multiuser detectors for CDMA communications 5805
Hongya Ge, Bar-Ness, Y. Bayesian approach of multiuser separation and interference suppression in CDMA communication systems 5817
Hongya Ge, Tufts, D.W. Cramer-Rao lower bounds on estimating the parameters of a filtered burst of sinusoid 56466
Hongyan Zhang *see* Jian Jiang 54970
Hongyan Zhang *see* Yang Cao 54901
Hongyan Zhang *see* Zhang Hongyan
Hongyi Chen *see* Jun Zhi 58075
Hongyi Chen *see* Weixin Gai 53142
Hongyi Chen *see* Yuhai Ma 54768
Hongyi Chen *see* Zhiqiang Zeng 56810
Hongyi Chen *see* Chen Hongyi
Hongyi Liang, Leung, V.C.M. Geographical distribution of gateways to support satellite diversity in CDMA LEO mobile satellite systems 47785
Hongyu Chen, Shuzhen Duan Research on valve-regulated lead/acid batteries for automobiles 29552
Hongyu Wang *see* Busch, R. 50893
Hongyu Wang *see* Zhiyue Lin 25142
Hongyuan Shen *see* Shen Hongyuan
Hongyue Liu, Yeeheng Lee, Jamali-beh, T., Lu, Z., Collins, R., Wronski, C.R. Light-induced degradation in different p-i-n and n-i Schottky barrier solar cell structures 39147
Hongyue Liu *see* Lihong Jiao 12151
Hongyue Zhang *see* Hong Jin 27468
Hongyue Zhang *see* Zhang Hongyue
Hongze Wang *see* Wang Hongze
Hongzhan Nie *see* Nie Hongzhan
Hongzhang Hu *see* Hu Hongzhang
Hongzhi Cai *see* Haibo Jiang 60263
Hongzhi Zhao *see* Zhao Hongzhi
Hongzhou Wang *see* Elsayed, E.A. 30393
Hongzhou Wang *see* Pham, H. 133
Honig, A. *see* Dong, M. 22259
Honig, J., Heit, B., Bremont, J. Visual depth perception based on optical blur 56970
Honig, J., Rondeau, L., Heit, B., Bremont, J. Depth perception from image defocus by fuzzy modelling 46509
Honig, M. *see* Oz, M. 34425
Honig, Th. *see* Behrens, V. 11825
Honjo, K., Yamashita, T., Terasawa, K., Yanagihara, K. An uninterruptible power supply with power management support 29381
Honjo, K. *see* Amamiya, Y. 1713
Honjo, K. *see* Chang-Woo Kim 41445
Honjo, K. *see* Hayama, N. 58143
Honjo, K. *see* Murakami, S. 31501
Honjo, K. *see* Suzuki, Y. 47937
Honjo, K. *see* Yajima, M. 53607
Honjo, K. *see* Yoneyama, T. 21954
Honjo, M. *see* Koseki, T. 13729
Honkala, I., Kaipainen, Y., Tietavainen, A. Long binary narrow-sense BCH codes are normal 24755
Honkala, L. *see* Huotari, M. 27692
Honkala, L. *see* Huotari, M. 27695
Honkanen, S. *see* Ohtsuki, T. 33442
Honkanen, S. *see* Tervonen, A. 13646
Honkasalo Zhi-Chun *see* Zhi-Chun Honkasalo
Honke, T. *see* Lankes, F. 32901
Honkoop, J. *see* Li, W. 28189
Honlein, W. *see* Wendt, H. 2811
Honma, A. *see* Guang Xu 33379
Honma, H., Hagiwara, K., Watanabe, H., Fujinami, T. Fabrication of micro bumps using gold sulfite plating 11967
Honma, H. *see* Watanabe, H. 40502
Honma, K. *see* Sasaki, A. 26572
Honma, M. *see* Ohashi, S. 10135
Honma, M. *see* Sasao, K. 10136
Honma, S., Tateyama, K., Yamada, H., Doi, K., Hirano, N., Okada, T., Aoki, H., Hiruta, Y., Sudo, T. Effectiveness of thin film barrier metals for eutectic solder bumps 52206
Honma, S., Tateyama, K., Yamada, H., Saito, M. Evaluation of barrier metals of solder bumps for flip-chip interconnection 12013
Honma, S. *see* Ohta, H. 48195
Honma, S. *see* Tateyama, K. 10163
Honma, T. *see* Barbarics, T. 24378
Honma, T. *see* Kawaguchi, H. 44878
Honma, T. *see* Kojima, T. 13526
Honma, T. *see* Matsuoka, J. 14203
Honma, T. *see* Morikawa, K. 43756
Honma, T. *see* Shinnoh, T. 14645
Honninger, C. *see* Keller, U. 55904
Honnma, K. *see* Watanabe, K. 9278
Honnrill, C., Young, D.I., Wong, K.T.G. Design for a relocatable tertiary connected SVC 60976
Hono, K. *see* Nishimaki, J. 3096
Honold, A. *see* Gath, H.-C. 17678
Honorati, O. *see* Caricchi, F. 29724
Honorati, O. *see* Lo Bianco, G. 19644
Honsberg, C.B., Ghozati, S.B., Ebong, A.U., Tang, Y.-H., Wenham, S.R. Elimination of parasitic effects in floating junction rear surface passivation for solar cells 39191
Honsberg, C.B. *see* Ebong, A.U. 38970
Honsberg, C.B. *see* Ebong, A.U. 39215
Honsberg, C.B. *see* Ebong, A.U. 51601
Honsberg, C.B. *see* Wenham, S.R. 39088
Honsberg, W. *see* Klingele, H. 48945
Honscheid, K. *see* Bauer, C. 37378
Honscheid, K. *see* Wurthwein, F. 59342
Honskus, J. *see* Pospisil, J. 54975
Hontas, S., Evangelatos, A., Vasileiou, D., Mitrou, N. A burst-level ATM traffic generator 35415
Honzikova, N. *see* Krticka, A. 28064
Hoo, G. *see* Johnston, W. 26194
Hoo, P. *see* Wunnava, S.V. 57879
Hoo Chuan-Yau *see* Chuan-Yau Hoo
Hood, D. *see* Kranbuehl, D. 11003
Hood, J.T. *see* Sarantites, D.G. 37271
Hood, M. *see* McMillian, G. 31309
Hood, R.E., Spencer, R.W. High altitude aircraft mapping of near surface ocean winds 8427
Hood, V. *see* Barbance, K. 58505
Hoof, C.Van *see* Van Hoof, C.
Hoof, M., Freisleben, B., Patsch, R. PD source identification with novel discharge parameters using counterpropagation neural networks 54956
Hoof, M., Patsch, R. Voltage-difference analysis, a tool for partial discharge source identification 2965
Hoof, M. *see* Patsch, R. 43513
Hooft, G.W.'t *see* 't Hooft, G.W.
Hoog, T. *see* Wade, L. 8713
Hooge, F.N. *see* Chen, X.Y. 41976
Hoogeboom, P. *see* Greidanus, H. 8312
Hoogeboom, P. *see* Snoeij, P. 16914
Hoogeboom, P. *see* Snoeij, P. 27040
Hoogeboom, P. *see* Vermeulen, B.C.B. 14763
Hoogeboom, P. *see* Vermeulen, B.C.B. 27042
Hoogenbemt, S.Van *see* Van Hoogenbemt, S.
Hoogenboom, J.E. *see* Schoonewelle, H. 24925
Hoogenraad, G., Morshuis, P.H.F., Petrarca, C. Classification of partial discharges for DC equipment 36879
Hoogenraad, G. *see* Morshuis, P. 9148
Hoogeveen, M. Internet growth trend 26171
Hoogeveen, R.M., Korsten, M.J. The use of silhouettes in 3D scene recognition and pose estimation 15726
Hoogeveen, R.M. *see* Bakker, C.J. 28168
Hoogs, A., Bajcsy, R. Model-based learning of segmentations 15555
Hoogsteen, W. *see* Balkenende, A.R. 58940
Hook, D.Van *see* Van Hook, D.
Hook, E. *see* Grut, K.E. 32945
Hook, T.G., Lee, R.J., Morgan, T.A. Insights from use of the Safety Monitor at San Onofre Nuclear Generating Station 38521
Hooke, C.J., Kukureka, S.N., Liao, P., Rao, M., Chen, Y.K. The friction and wear of polymers in non-conformal contacts 22005
Hooker, R.B. *see* Goodwill, D.J. 55468
Hooker, S.M. *see* Cashmore, J.S. 55578
Hoole, H. *see* Ratnajeevan, S. 44974
Hoon, S.R. *see* Valera, M.S. 3255
Hoon Chang *see* Byung-Gi Kim 43182
Hoon Choi, Kidong Nam, Sun You Kim Specification of video-on-demand service using object oriented technique 46895
Hoon Choi *see* Cheong Youn 16365
Hoon Choi *see* Chung Ho Cho 16101
Hoon Choi *see* Joon-Seo Yim 41225
Hoon Choi *see* Joonseo Yim 53334
Hoon Chung *see* Taegyu Lee 1314
Hoon Doh Chil *see* Chil Hoon Doh
Hoon Jang Dong *see* Dong Hoon Jang
Hoon Jang Jae *see* Jae Hoon Jang
Hoon Jeong Byung *see* Byung Hoon Jeong
Hoon Jeong Jae *see* Jae Hoon Jeong
Hoon Jung Jae *see* Jae Hoon Jung
Hoon Kang Yong *see* Yong Hoon Kang
Hoon Kim Sung *see* Sung Hoon Kim
Hoon Kim Yong *see* Yong Hoon Kim
Hoon Lee A gracious cell discard scheme in ATM multiplexer 57579
Hoon Lee Dong *see* Dong Hoon Lee
Hoon Lee Jeong *see* Jeong Hoon Lee
Hoon Lee Jong *see* Jong Hoon Lee
Hoon Lee Yong *see* Yong Hoon Lee
Hoon Lim Chae *see* Chae Hoon Lim
Hoon Lim Tae *see* Tae Hoon Lim
Hoon Paek, Sang-Uk Lee A projection-based post-processing technique to reduce blocking artifact using a priori information on DCT coefficients of adjacent blocks 57095
Hoon Park Cheol *see* Cheol Hoon Park
Hoon Park Seong *see* Seong Hoon Park
Hoon Shim *see* Do-Hyun Park 23866
Hoon Sunwoo Myung *see* Myung Hoon Sunwoo
Hoon Woo Seung *see* Seung Hoon Woo
Hoon Yang Sung *see* Sung Hoon Yang
Hoon Yoo Jang *see* Jang Hoon Yoo
Hoon Yoon Tae *see* Tae Hoon Yoon
Hoon-Gee Yang, Dae-Sub Jung, Eun-Soo Kim Holographic image encryption and decoding scheme 57397
Hoon-Ju Chung *see* Hi-Deok Lee 43382
Hoon-Sung Kwak *see* Jae-Ho Choi 57218
Hoon-Sung Kwak *see* Mi-Sook Chung 57054
Hoon-Taek Chung *see* Jeong-Ho Cho 30976
Hoon-Taek Chung *see* Jeong-Ho Cho 32677
Hoonbock Lee *see* Kyok Kim 57664
Hoop, M.V.de *see* de Hoop, M.V.
Hooper, D. *see* Thomas, L. 38054
Hooper, P.D., McHale, G., Newton, M.I. Negative differential resistance in MIM devices from vacuum to atmospheric pressure 12603
Hooper, P.D., Newton, M.I., McHale, G., Willis, M.R. Gold-chloroindium phthalocyanine (ClInPc)-metal sandwich structures 12602
Hooper, P.D., Newton, M.I., McHale, G., Willis, M.R. Electrical properties of nickel phthalocyanine (NiPc) sandwich devices incorporating a tetracyanoquinodimethane (TCNQ) layer 54131
Hooper, P.K., Meikle, S.R., Eberl, S., Fulham, M.J. Validation of postinjection transmission measurements for attenuation correction in neurological FDG-PET studies 37631
Hooper, P.K. *see* Meikle, S.R. 37672
Hooper, S.E. *see* Cheng, T.S. 10765
Hooper, S.E. *see* Dewsnip, D.J. 41949
Hooper, S.E. *see* Orton, J.W. 31856
Hooper, W. *see* Zatsman, A. 58054
Hoopes, P.J. *see* Paulsen, K.D. 8093
Hooq-Sung Kwak *see* Jeong-Ho Park 57056
Hoover, C.W., Jr., Bartlett, C.J. Manufacturing engineering as an experimental science 20787
Hopcraft, G. *see* Mead, J.B. 18824
Hope, R.W. *see* Knospe, C.R. 32884
Hopf, D. Digital for AVR [hydrogenerators control] 60657
Hopfe, S. *see* Schroer, E. 22211
Hopfe, S. *see* Tong, Q.-Y. 42347
Hopfe, V., Jackel, R., Schonfeld, K. Laser based coating and modification of carbon fibres: application of industrial lasers to manufacturing of composite materials 942
Hopfel, R.A. *see* Rodrigues-Herzog, R. 54066
Hopfl, R. *see* Boody, F.P. 18079
Hopfner, C. *see* Bachmann, K.J. 52693
Hopgood, A.A. *see* Wang, H. 40400
Hopken, C. *see* Bruck, J. 5755
Hopkin, V.D. *see* Muller, J.K. 59989
Hopkins, D.D. *see* Steyer, H.C., Jr. 6258
Hopkins, H.A. *see* Friedman, A. 59103
Hopkins, H.S. *see* Fessenden, T.J. 59135
Hopkins, L. *see* Harriott, L.R. 22700
Hopkins, L. *see* Harriott, L.R. 42874
Hopkins, L. *see* Partovi, A. 3354
Hopkins, P.F. *see* Gider, S. 3097
Hopkins, P.F. *see* Liou, S.H. 23355
Hopkins, P.F. *see* Unterrainer, K. 2199
Hopkins, R.A. *see* de Grijp, M.H.B. 60975
Hopkins, R.H. *see* Agarwal, A.K. 42044
Hopkins, R.H. *see* Sinharoy, S. 21266
Hopkins, S., Kamman, C.A. New software tools accelerate the fab layout process at National Semiconductor 32496
Hopkins, S.K. *see* Reed, N. 59973
Hopkins, T.L. *see* Remsen, A. 50127
Hopkins, T.L. *see* Sutton, T.T. 50126
Hopkins-Bond, I.H. *see* Watts, S.J. 22215
Hopkinson, J. *see* Jialing Cai 8134
Hopkinson, M. *see* Roberts, J.M. 31511
Hopkinson, M. *see* Sobiesierski, Z. 40381
Hopkinson, M. *see* Steer, M.J. 32010
Hopkinson, M. *see* Zachariou, A. 38988
Hopman, H.J., Verhoeven, J., Scholtz, J.J., Fastenau, R. Time variation of secondary electron emission during electron bombardment of rutile 41762
Hopman, P. *see* Kagan, H. 37508
Hopman, P. *see* Shipsey, I. 59232
Hopman, P. *see* Spencer, M.B. 59274
Hopman, P.I., Alexander, J.P., Foland, A.D., Kim, P.C., Ward, C.W. Optimization of silicon microstrip detector design for CLEO III 37382
Hopman, P.I. *see* Ward, C.W. 59224
Hopmeier, M. *see* Lussem, G. 13871

Hoppach, E. Designing sensorless control for an 8/6 switched reluctance drive 9616
Hoppach, E.H. Sensorless control of an 8/6 switched reluctance drive 61203
Hoppe, H.J. *see* Eggers, H. 29196
Hoppe, R.H.W., Wohlmuth, B. Multilevel iterative solution and adaptive mesh refinement for mixed finite element discretizations 40251
Hoppe, U. *see* Weiss, S. 49607
Hoppe, W. *see* Katscher, U. 49667
Hopper, D.G. *see* Espo, G.A. 17629
Hopper, D.G. *see* Marticello, D.N. 18615
Hopper, D.G. *see* Meyer, F.M. 17630
Hopper, D.G. *see* Michaels, R.A. 18626
Hopper, D.G. *see* Saini, G.S. 13868
Hopper, D.G. *see* Venner, R. 17627
Hopper, D.G. *see* Venner, R. 17628
Hopper, E., Muller, T. Compact OEM drives position servomotors 51053
Hopper, K.D., Pierantozzi, D., Potok, P.S., Kasales, C.J., TenHave, T.R., Meilstrup, J.W., Van Slyke, M.A., Mahraj, R., Westacott, S., Hartzel, J.S. The quality of 3D reconstructions from 1.0 and 1.5 pitch helical and conventional CT 7937
Hopper, K.D. *see* Kasales, C.J. 59455
Hopper, M.A. *see* Wills, D.S. 3657
Hopper, P. *see* Hahad, M. 12866
Hopper, R.D., Gouldy, C.A., Kasales, C.J., Tenhave, T.R., Fisher, A.L. The effect of helical CT on X-ray attenuation 59453
Hopper, R.D. *see* Russell, D.R. 36311
Hopper, T. *see* Brislawn, C.M. 35251
Hoppert, J.B., Miaoulis, I.N., Wong, P.Y. Numerical modeling of radiative properties of patterned wafers with sub-micron features 22490
Hoppner, J.M., Throne, R.D., Olson, L.G., Windle, J.R. An open environment for reconstructing 2D images into 3D finite element models 49443
Hopps, N.W. *see* Dickinson, M.R. 3738
Hopstock, D.M., Wald, L.D. Verification of field model for magnetic pavement marking tape 3263
Hopwood, J. *see* Dickson, M. 30916
Hoque, M., Harbin, S., Ma, Z. Interference from wireless devices into network equipment inside COs between 450 and 914 MHz 45180
Hor, C. *see* Jensen, K.L. 41770
Hor, C. *see* Phillips, P.M. 31702
Hor, C. *see* Shih, A. 41759
Hor Maw-Kae *see* Maw-Kae Hor
Hora, H. *see* Boody, F.P. 18079
Hora, H. *see* Haseroth, H. 18078
Hora, S.C. Aleatory and epistemic uncertainty in probability elicitation with an example from hazardous waste management 39641
Horacek, B.M. *see* Hubley-Kozey, C.L. 49690
Horacek, B.M. *see* Penney, C.J. 59673
Horak, H. *see* Furstenau, N. 49952
Horak, J. *see* Kulbachinskii, V.A. 54139
Horak, R., Bouchal, Z., Bajer, J. Nondiffracting stationary electromagnetic field 14569
Horak, R.J., Mattioli, J. Target detection of very dim objects using grey-level morphologic top-hat 46032
Horan, D. *see* Cho, Y. 18067
Horan, S. *see* Feil, J. 34092
Horaud, R. *see* Christy, S. 5488
Horauer, M. *see* Schossmaier, K. 41281
Horcek, B.M. *see* Hubley-Kozey, C.L. 59722
Horch, K. *see* Mirfakhraei, K. 28354
Horch, K.W. *see* McNaughton, T.G. 49595
Horche, W. PWR engineering simulator with the German nuclear plant analyzer 8997
Horche, W. *see* Gyori, C. 8996
Hordijk, A. *see* Altman, E. 10272
Hordon, L.S., Monahan, K.M. Ultralow voltage imaging 24366
Horenstein, M.H. *see* Krishnamoorthy Mall, R. 43417
Horenstein, M.N. *see* Bifano, T.G. 54855
Horer, J., Patzak, E. Large-signal analysis of all-optical wavelength conversion using two-mode injection-locking in semiconductor lasers 44523
Horer, J. *see* Weich, K. 24132
Horhold, H.-H. *see* Bartuch, U. 23531
Horhold, H.-H. *see* Gabler, T. 43878
Horhold, H.-H. *see* Gabler, Th. 55237
Horhold, H.-H. *see* Tak, Y.-H. 23699
Hori, A. A 525-line component progressive scan outside broadcast vehicle 17036
Hori, A., Umimoto, H., Nakaoka, H., Sekiguchi, M., Segawa, M., Arai, M., Takase, M., Kanda, A. High speed 0.1 μm dual gate CMOS with low energy phosphorus/boron implantation and cobalt salicide 43295
Hori, H. *see* Kikutani, T. 31984
Hori, K., Fujimoto, T., Kawanishi, K. Application of cadmium telluride detector to high speed X-ray CT scanner 37665
Hori, K., Ohtsuka, M., Hara, M. Arc erosion characteristics of Cu-W contact at load current range in SF_6 gas 60937
Hori, K. *see* Takahashi, I. 38870
Hori, M. *see* Den, S. 32177
Hori, M. *see* Goto, T. 32176
Hori, M. *see* Hirata, H. 29611
Hori, M. *see* Nirasawa, H. 19661
Hori, M. *see* Onuki, T. 51764
Hori, M. *see* Shimada, T. 51513
Hori, T., Hiromoto, N. Fabrication of a submillimeter wave harmonic mixer 41458
Hori, T., Hiromoto, N. Frequency-stabilization of a high-power optically pumped submillimeter wave laser 44362
Hori, T., Hiromoto, N. Increase in power of an optically pumped submillimeter wave laser using dichroic output couplers fabricated by photolithographic technique 44368
Hori, T. *see* Goto, T. 20102
Hori, T. *see* Higuchi, S. 38741
Hori, T. *see* Kagoshima, K. 34299
Hori, T. *see* Kamada, F. 26341
Hori, T. *see* Sakamoto, H. 12177
Hori, T. *see* Yanagida, K. 7750
Hori, T. *see* Yoshikawa, H. 49102
Hori, Y. Recent technological trend of capacitors 31537
Hori, Y. *see* Cao, L. 19769
Hori, Y. *see* Komma, Y. 4130
Hori, Y. *see* Mori, K. 57850
Hori, Y. *see* Takiya, T. 27991
Horiba, S., Takahashi, T., Ohkubo, H., Noda, K., Hayashi, F., Uchida, T., Yokoyama, T., Ando, K., Yoshida, T., Hashimoto, T., Shimizu, T. A symmetric diagonal driver transistor SRAM cell with imbalance suppression technology for stable low voltage operation 1359
Horiba, S. *see* Hayashi, F. 41163
Horibata, K. *see* Omi, T. 48427
Horibe, H. Study on the decrease of dissolution rate in unexposed areas of chemically amplified three-component resist by means of dissolution inhibitor 22746
Horibe, H. *see* Fujino, T. 22740
Horibe, R. *see* Miyachi, H. 41252
Horie, A. *see* Miura, R. 47805
Horie, H., Imai, M., Itoh, A., Arimoto, Y. Novel high aspect ratio aluminum plug for logic/DRAM LSIs using polysilicon-aluminum substitute (PAS) 42712
Horie, H. *see* Matsumoto, S. 43078
Horie, H. *see* Satake, M. 28633
Horie, M. *see* Mizuno, H. 43912
Horie, T., Kuramae, H., Niho, T. Parallel electromagnetic-mechanical coupled analysis using combined domain decomposition method 44966
Horie, T., Niho, T. Electromagnetic and structural coupled analysis with the effect of large deflection 44961
Horie, T. *see* Ichimura, M. 51491
Horie, T. *see* Nakano, K. 30890
Horie, T. *see* Sakamoto, H. 12177
Horie, Y. A case study on evaluation method for VDT work load using with face skin temperatures 59448
Horie, Y. *see* Miyazaki, T. 21523
Horifa, I. *see* Itoh, H. 51547
Horiguchi, A., Takeuchi, H., Iwata, N. Development of a local evacuation guidance system using flashing lights 30106
Horiguchi, K. *see* Ohno, N. 14725
Horiguchi, M. *see* Yoshida, T. 51590
Horiguchi, N., Futatsugi, T., Nakata, Y., Yokoyama, N. Dynamic properties of InAs self-assembled quantum dots for spectral hole burning memory application 42195
Horiguchi, N., Futatsugi, T., Nakata, Y., Yokoyama, N. Electron transport properties through InAs self-assembled quantum dots in modulation doped structures 54219
Horiguchi, N. *see* Futatsugi, T. 13029
Horiguchi, S. *see* Jain, V.K. 21741
Horiguchi, S. *see* Kitamura, T. 33388
Horiguchi, S. *see* Takahashi, Y. 13043
Horiguchi, S. *see* Yamasaki, K. 13903
Horiguchi, T., Honda, Y., Miya, M. Restoration of digital images of the alphabet by using Ising models 57410
Horiguchi, T. *see* Kobayashi, M. 22250
Horiguchi, T. *see* Kurashima, T. 33036
Horiguchi, T. *see* Shimizu, K. 13747
Horiguchi, T. *see* Tsuji, K. 48963
Horihata, S. *see* Nishimoto, H. 58308
Horii, H. *see* Kang, C.S. 2905
Horii, S. *see* Takahashi, J. 58551
Horiike, K., Yoshida, Y., Fujita, K. Image restoration based on a Wiener filtering technique using discrete cosine transform 46088
Horiike, Y. *see* Ichiki, T. 54525
Horiike, Y. *see* Miyamoto, M. 20243
Horiike, Y. *see* Shingubara, S. 42670
Horikawa, H. *see* Nakamura, K. 44550
Horikawa, J. *see* Abeyrathne, S.G. 29383
Horikawa, J. *see* Abeyratne, S.G. 51133
Horikawa, K. *see* Ogawa, I. 56194
Horikawa, K. *see* Sakamoto, H. 16649
Horikawa, M. *see* Kurita, S. 44118
Horikawa, N. *see* Noumi, H. 37073
Horikawa, N. *see* Sato, H. 59166
Horikawa, T. *see* Mikami, N. 21990
Horikawa, Y. Pattern recognition with invariance to similarity transformations based on the third-order correlation 5366
Horikawa, Y. *see* Hirai, T. 43352
Horikawa, Y. *see* Korogi, Y. 59489
Horikawa, Y. *see* Tsujioka, T. 43914
Horikiri, K. *see* Nunokawa, H. 5937
Horikishi, K. *see* Shirakawa, Y. 58990
Horikoshi, H. *see* Takayama, J. 26797
Horikoshi, J. *see* Elsadek, H. 44768
Horikoshi, J. *see* Ohki, M. 14566
Horikoshi, Y., Ando, S., Ando, H., Kobayashi, N. Surface atomic processes during flow-rate modulation epitaxy 52694
Horikoshi, Y. *see* Ando, S. 52659
Horikoshi, Y. *see* Zhongling Peng 32152
Horinaka, H., Hashimoto, K., Wada, K., Umeda, T., Cho, Y. Optical computed tomography imaging of absorbers in a highly scattering medium by detection of photons preserving initial polarization 15808
Horinaka, H., Hashimoto, K., Wada, K., Umeda, T., Cho, Y. Optical CT imaging in highly scattering media by extraction of photons preserving initial polarization 59528
Horinaka, M., Saito, H., Ishikawa, T. Improvement of the lasing performance of CuCl-He vapor laser by adding europium (III) chloride 6-hydrate 55497
Horine, D. *see* Mansingh, V. 30306
Horino, K. *see* Domen, K. 41900
Horino, K. *see* Kuramata, A. 21253
Horino, K. *see* Kuramata, A. 31857
Horino, M., Nishida, S., Hosoba, M., Kitano, M. Development of remote medical imaging system 28067
Horino, Y., Tsubouchi, N., Enders, B., Fujii, K., Yamashita, K., Wada, M. Application of low energy negative and positive ion beams to thin film formation 37188
Horinouchi, K., Nakayama, Y., Hidaka, M., Yonezawa, T., Sasao, H. A method of simulating magnetically driven arcs [in switchgear] 38895
Horinouchi, K. *see* Koyama, K. 29463
Horio, I. *see* Ohtani, H. 7080
Horio, K., Yamada, T. Analysis of surface-related deep-trap effects on gate-lag phenomena in GaAs MESFETs 43117
Horio, K. *see* Okada, K. 12903
Horio, K. *see* Usami, K. 22875
Horio, K. *see* Yamada, T. 13032
Horio, Y. *see* Kanou, N. 53493
Horio, Y. *see* Tanaka, M. 13386
Horisberger, R. Pixel detectors at LHC 37433
Horisberger, R. *see* Eick, W. 28034
Horisberger, R. *see* Eick, W. 59238
Horisberger, U. *see* Adam, A. 37280
Horita, E., Nishikawa, K., Miyanaga, Y. A fast recursive least-squares with a weighting factor based an a 2-D NSHP AR model and its application to spectral estimation 45993
Horita, K. *see* Koh, M. 2665
Horita, K. *see* Koyama, M. 2579
Horita, K. *see* Matsubara, T. 59401
Horita, M. *see* Tauber, D.A. 44481
Horita, S., Kawada, T., Abe, Y. Characterization of $Pb(Zr_xTi_{1-x})O_3$ thin film on silicon substrate with heteroepitaxial yttria-stabilized zirconia (YSZ) buffer layer 878
Horita, T., Sumiyoshi, M., Wakai, T., Ikeda, N., Kitamura, I. A new classification method of ground faults in distribution lines with phase plane trajectory of their waveforms 60369
Horita, T. *see* Rak-Hyun Song 51525
Horita, T. *see* Sekimoto, M. 45963
Horita, T. *see* Yokokawa, H. 29616
Horita, T. *see* Yokokawa, H. 51537
Horiuchi, H., Kuroki, T., Obana, S., Suzuki, K. EPER: Efficient Packed Encoding Rules for ASN.1 24758
Horiuchi, H., Kuroki, T., Sugiyama, K., Obana, S., Suzuki, K. Implementation and evaluation of SNMP/OSI management gateway for management of TMN-based equipment by SNMP manager 26099
Horiuchi, H., Kwan, C., Ruey-Chang Hsu, Obana, S. Architecture of TMN based traffic management data exchange for international dynamic routing and its realization 35637
Horiuchi, H., Matsumoto, M., Ogawa, M., Hotta, K. Simulation of reaction distribution in PAFC stack 51499
Horiuchi, H. *see* Kadota, M. 23259
Horiuchi, M., Tamura, M. BESS: a source structure that fully suppresses the floating body effects in SOI CMOSFETs 43052
Horiuchi, N., Taniguchi, K., Kamiki, M., Kondo, T., Aritomi, M. The characteristics of solar cells exposed to γ-radiation 39185
Horiuchi, N. *see* Itoh, H. 17309
Horiuchi, R., Fujimori, T., Sato, S. Coupler calibration system of standard condenser microphones with a higher electrical accuracy 48395
Horiuchi, S. *see* Jeong, D.Y. 3270
Horiuchi, T. Study of optimum annular illumination conditions by evaluating the resolution limit and pattern image contrast 22741
Horiuchi, T., Ito, H., Kimizuka, N. Reliability scaling in deep sub-micron MOSFETs 54795
Horiuchi, T., Marley, E.A., Mimura, Y., Anzai, K., Harada, K., Komatsu, K. Enhancement of the annular illumination effect using a printing process resolvable with low image contrast 32258
Horiuchi, T., Yamamoto, K., Yamada, H. Robust relaxation method for structural matching under uncertainty 5364
Horiuchi, T. *see* Ando, K. 2794
Horiuchi, T. *see* Ando, K. 22619
Horiuchi, T. *see* Haruki, R. 5603
Horiuchi, T. *see* Haruki, R. 25716
Horiuchi, T. *see* Hayashi, K. 40382
Horiuchi, T. *see* Ibrahim, R.C. 2923

Horiuchi, T. *see* Ishigami, T. 42719
Horiuchi, T. *see* Izumikawa, M. 21731
Horiuchi, T. *see* Kambe, A. 51302
Horiuchi, T. *see* Kotaki, T. 60072
Horiuchi, T. *see* Matsubara, Y. 42668
Horiuchi, T. *see* Orita, K. 3627
Horiuchi, Y., Akiba, S., Yamamoto, S. Line supervisory and maintenance techniques for optical submarine cable systems using optical amplifier repeaters 6824
Horiuchi, Y. *see* Ogawa, K. 51762
Horkans, J. *see* Acosta, R.E. 38760
Horlitz, G., Peterson, T., Trines, D. The TESLA 500 cryogenic system layout 49024
Horlock, J.H. Aero-engine derivative gas turbines for power generation: thermodynamic and economic perspectives 50787
Horlyck, B. GIS: a common window for information access 28821
Hormadaly, J., Larry, J.R., Mergui, S. Electrical properties of thick film PTC compositions 21985
Horman, S.R., Hepfer, K.C., Zurasky, M. Uniformity compensation for high quantum efficiency focal plane arrays 27668
Hormes, J. *see* Kadereit, D. 54551
Hormozi, F.J. Reactive power marketing in a rer-egulated transmission network 28857
Horn, A., Wilkinson, R.H., Enslin, J.H.R. Evaluation of converter topologies for improved power quality in DC traction substations 9681
Horn, A. *see* Pittorino, L.A. 19267
Horn, G.B., Kschischang, F.R. On the intractability of permuting a block code to minimize trellis complexity 24711
Horn, G.van der *see* van der Horn, G.
Horn, H. *see* Weichenhain, R. 40691
Horn, J.L., Grimes, C.A. A 0.1-500 Hz analog thin film BH hysteresis loop tracer with automatic Y-axis drift correction 36404
Horn, M.H.Van *see* Van Horn, M.H.
Horn, M.W., Maxwell, B.E., Goodman, R.B., Kunz, R.R., Eriksen, L.M. Plasma-deposited silylation resist for 193 nm lithography 32274
Horn, R. The DLR airborne SAR project E-SAR 8310
Horn, R. The DLR airborne SAR project E-SAR: objectives and status 27012
Horn, S.J. *see* Pulat, P.S. 112
Horn, U. *see* Girod, B. 5145
Horn-Jiunn Sheen *see* Rong-Fung Huang 7676
Horn-von Hoegen, M. *see* Bahr, D. 10818
Horn-von Hoegen, M. *see* Falta, J. 12628
Hornback, V.C. *see* Ramanath, G. 2450
Hornback, W.B. Three dimensional sensor readout electronics using conventional detector hybrid assemblies 17464
Hornbeck, L.J. DLP (digital light processing) for a display with micromirror deflection 17639
Hornbeck, L.J. Digital Light Processing™ and MEMS: Reflecting the digital display needs of the networked society 17708
Hornbeck, L.J. Digital Light Processing and MEMS: an overview 46130
Horne, A. *see* Currie, A. 60104
Horne, A.M. *see* White, R.G. 16955
Horne, G. *see* Keusseyan, R. 300
Horne, G.S. *see* Keusseyan, R.L. 53809
Horne, L.D., Dye, R.G. An inexpensive data acquisition system for measuring telemetry signals on test ranges to estimate channel characteristics 6028
Horne, L.D. *see* Dye, R.G. 6030
Horne, W.E., Morgan, M.D., Sundaram, V.S. Integrated bandpass filter contacts for radioisotope thermophotovoltaic cells 18696
Horner, A., Ayers, L., Law, D. Modeling small Chinese and Tibetan bells 45929
Horner, R.E., Proud, N.J. The key factors in the design and construction of advanced flywheel energy storage systems and their application to improve telecommunication power back-up 51631
Horner-Richardson, K. *see* Anderson, W.G. 18739
Horng, H.E. *see* Yang, H.C. 43836
Horng, J., Haddad, R.A. Variable time-frequency tiling using block transforms 45899
Horng, J.S. *see* Chen, J.C. 3839
Horng, J.S. *see* Chen, J.C. 23923
Horng, J.S. *see* Cheng, W.H. 14503
Horng, M.-D. *see* Wang, S.-J. 11301
Horng, M.-H. *see* Sun, Y.N. 18265
Horng, R.H., Wuu, D.S., Yu, J.W., Kung, C.Y. Effects of rapid thermal process on structural and electrical characteristics of Y_2O_3 thin films by R.F.-magnetron sputtering 32087
Horng Chen Sin *see* Sin Horng Chen
Horng Ji-Hwei *see* Ji-Hwei Horng
Horng Jiun-Wei *see* Jiun-Wei Horng
Horng Jyh-Ming *see* Jyh-Ming Horng
Horng Li Chii *see* Chii Horng Li
Horng Tzyy-Sheng *see* Tzyy-Sheng Horng
Horng-Chih Lin *see* Chao-Hsin Chien 22743
Horng-Chih Lin *see* Chao-Hsin Chien 54291
Horng-Dar Lin, Anesko, A., Petryna, B. A 14-Gops programmable motion estimator for H.26X video coding 1448
Horng-Dar Lin, Messerschmitt, D.G. A hybrid pipelined path-searching architecture for multiple communications applications 16166
Horng-Hai Loh, Ming-Sing Lu SMD inspection using structured light 46193
Horng-Juing Lee *see* Yen-Jen Lee 52021
Horng-Ming Chien, Chong-Yung Chi Cumulant based phase estimation for 1-D and 2-D nonminimum phase systems by Fourier series based allpass model 45986
Horng-Zhu Lai *see* Ying-Dar Lin 57991
Hornik, K. *see* Baldi, P. 53485
Horno, M. *see* Plaza, G. 56085
Hornsby, J. *see* Wubbenhorst, M. 54967
Hornsby, J.S. *see* Das-Gupta, D.K. 13206
Hornstein, R.S., Mel, D.J., Jr., Cureton-Snead, I.E. Fundamental reusables for enterprise deployment a radical look at customer service 28487
Hornung, B.E. *see* Gardner, M.M. 20829
Hornung, J. *see* Thiede, A. 41131
Hornung, M. *see* Baltes, H. 43407
Horoba, K. *see* Chmielorz, W. 49424
Horoba, K. *see* Jezewski, J. 28098
Horowitz, A., Biderman, S., Einav, Y., Ben Amar, G., Gazit, D. Improved control of sapphire crystal growth 10660
Horowitz, A. *see* Brandon, S. 10661
Horowitz, G. *see* Garnier, F. 22807
Horowitz, M., Chraplyvy, A.R., Tkach, R.W., Zyskind, J.L. Broad-band transmitted intensity noise induced by Stokes and anti-Stokes Brillouin scattering in single-mode fibers 26712
Horowitz, M., Fischer, B., Barad, Y., Silberberg, Y. Photorefractive effect in $BaTiO_3$ at 1.5 μm by two-photon absorption 32976
Horowitz, M. *see* Barad, Y. 44831
Horowitz, M. *see* Gu-Yeon Wei 11246
Horowitz, M. *see* Sidiropoulos, S. 2823
Horowitz, M. *see* Usami, K. 22984
Horowitz, M.A. *see* Ho, R.C. 11348
Horowitz, M.A. *see* Nakamura, K. 6386
Horowitz, M.A. *see* Yang, C.K.K. 16481
Horowitz, S. *see* Keusseyan, R. 300
Horowitz, S.J., Amey, D.I., Page, J.P., Hamaguchi, M., Ladd, S.K., Holmes, D. Multichip module technology comparison: Diffusion Patterning™ and Fodel(R) MCM-C vs. MCM-D 12052
Horowitz, S.J., Amey, D.I., Page, J.P., Ladd, S.K., Mandry, J.E., Holmes, D. Design trade-offs of MCM-C vs. ball grid array on printed wiring board 298
Horowitz, S.J., Needes, C.R.S. Smart materials for hybrid circuit and multi chip module 10966
Horowitz, S.J., Page, J.P., Ladd, S.K., Mandry, J.E., Amey, D.I., Holmes, D. Design trade-offs of MCM-C versus ball grid array on printed wiring board 53740
Horowitz, S.J. *see* Amey, D.I. 53564
Horowitz, S.J. *see* Amey, D.I. 53577
Horowitz, Y.S. *see* Satinger, D. 44218
Horprasert, T., Yacoob, Y., Davis, L.S. Computing 3-D head orientation from a monocular image sequence 57376
Horrocks, D.H., Karaboga, N., Alci, M. Rounding FIR filter coefficients using genetic algorithms 25184
Horrocks, D.H., Khalifa, Y.M.A. Evolutionary design of analogue electronic circuits; current status 31421
Horrocks, D.H. *see* Arslan, T. 1216
Horrocks, D.H. *see* Arslan, T. 1470
Horrocks, D.H. *see* Arslan, T. 31384
Horrocks, J.A. *see* Luggar, R.D. 37546
Horrocks, R.W. *see* Cox, A. 20208
Horsch, A., Eberle, K., Findling, A., Kraus, B., Pentcheva-Spiridonov, V., Tarhanjan, A. Collaborative work with medical images in a university hospital environment: three pilot projects 18232
Horsky, J., Horsky, P. Calibration of multifunctional and multirange measuring instruments–the method of functional blocks for choosing optimal calibration points 17601
Horsky, J., Horsky, P. RC-generators with very high cycle-to-cycle amplitude stability 21524
Horsky, P. RC oscillators with two operational amplifiers with precision phase shift between two outputs 21527
Horsky, P. *see* Horsky, J. 17601
Horsky, P. *see* Horsky, J. 21524
Horsman, A. *see* Gibbs, P. 8004
Horsman, A. *see* Mussurakis, S. 18221
Horst, G. *see* Mahn, J. 29279
Horst, G.E. *see* Yue Li 29742
Horster, P., Michels, M., Petersen, H. Meta-multisignature schemes based on the discrete logarithm problem 4491
Horster, P. *see* Michels, M. 4556
Horster, P. *see* Michels, M. 4571
Horsthuis, H.G. *see* Jager, M. 4035
Horsthuis, W., Hendriksen, B., Diemeer, M., Donckers, M., Hoekstra, T., Koerkamp, M.K., Lipscomb, F., Thackara, J., Ticknor, T., Lytel, R. Packaged polymeric 1×8 digital optical switches 26453
Horsthuis, W.H.G. *see* Tumolillo, T.A., Jr. 35890
Horstkamp, G.M. *see* Gramling, C.J. 49845
Horstkotte, D. *see* Kristiansen, G. 49436
Horstmann, D. *see* Bamberger, A. 7787
Horstmann, D. *see* Bamberger, A. 37358
Horstmann, M., Harddtdegen, M., Schimpf, K., Muttersbach, J., Lehmann, R., Marso, M., Kordos, P. InP-based monolithically integrated photoreceiver for 4-10 Gbit/s optoelectronic systems 58316
Horstmann, M., Marso, H., Schimp, K., Kordos, P. Monolithic integrated MSM-2DEG PD/HEMT photoreceiver based on an identical InP/InGaAs heterostructure 47994
Horstmann, M. *see* Hollfelder, M. 40331
Horstmann, M. *see* Marso, M. 22755
Horstmann, M. *see* Schimpf, K. 1716
Horstmann, M. *see* Schimpf, K. 2711
Horstmann, M. *see* Schimpf, K. 41444
Horta, N.C., Franca, J.E. High-level data conversion synthesis by symbolic methods 11059
Horta, S. *see* Cardenas, V.M. 19851
Horta, S. *see* Echavarria, R. 9593
Horta, S. *see* Echavarria, R. 20117
Horton, D. Emancipating VMEbus–turning slaves into masters 16339
Horton, M.N. *see* Edwards, N.V. 41982
Horton, M.N. *see* Jutong Liu 10679
Horton, M.N. *see* Perkins, N.R. 21278
Horton, P.B. *see* Sakis Meliopoulous, A.P. 38336
Horton, T. *see* Sengupta, D.K. 27579
Horton, T. *see* Sengupta, D.K. 54326
Horton, T.U. *see* Hartmann, Q.J. 40640
Horton, T.U. *see* Sengupta, D.K. 48666
Horton-Smith, G. *see* Kotseroglou, T. 33602
Horton-Smith, S. *see* Alley, R. 37033
Horton-Smith, S. *see* Ross, M.C. 37150
Horvak, W. *see* Reisman, A. 29008
Horvat, J., Dou, S.X., Liu, H.K., Bhasale, R. Critical currents through strong links in Ag/Bi-Sr-Ca-Cu-O superconducting tapes 23394
Horvat, J., Guo, Y.C., Dou, S.X. Formation of weak and strong links in Ag/Bi-2223 superconducting tapes 23395
Horvath, I. *see* Adam, A. 37280
Horvath, J. *see* Erlandson, A.C. 23841
Horvath, L.J. *see* Hussman, K.L. 37648
Horvath, Z.L. *see* Erdelyi, M. 42848
Horvitz, E. *see* Kim Leng Poh 4415
Horwath, J. *see* Zipp, J. 28937
Horwill, C. *see* Knight, R.C. 38297
Horwitz, J.S., Chrisey, D.B., Dorsey, P.C., Knauss, L.A., Pond, J.M., Wilson, M., Osofsky, M.S., Qadri, S.B., Caulfield, J., Auyeung, R.C.Y. Pulsed laser deposition of electronic ceramics 40623
Horwitz, J.S. *see* Chrisey, D.B. 10898
Horwitz, J.S. *see* Dorsey, P.C. 43647
Horwitz, J.S. *see* Hardner, H.T. 32787
Horwood, J.M.K. *see* Edgar, D.R. 28389
Horwood, M.K. *see* Belmont, M.R. 43420
Horzel, J., Storm, W., Trenkler, T., Sivoththaman, S., Nijs, J., Mertens, R., Adriaenssens, G. Improved understanding and characterisation of rapid thermal oxides 39009
Hosain, S.I., Lacroute, Y., Goudonnet, J.P. A simple low-cost highly reproducible method of fabricating optical fiber tips for a photon scanning tunneling microscope 23482
Hosak, W. *see* Kohl, C.-D. 50778
Hosaka, H., Takahashi, K., Hoshiya, K., Sawaguchi, A. Study on Acemole position measurement using optical fiber gyroscope 17771
Hosaka, H. *see* Kuwano, H. 13155
Hosaka, H. *see* Mori, H. 37762
Hosaka, H. *see* Ogasawara, Y. 18225
Hosaka, H. *see* Ono, K. 59675
Hosaka, H. *see* Takahashi, K. 35891
Hosaka, H. *see* Wu, D. 49693
Hosaka, M., Zhang, Y., Ueno, H., Inoue, Y., Sugiyama, S. Study on high aspect ratio X-ray lithography of PMMA using a compact SR beamline 54532
Hosaka, M. *see* Sugiyama, S. 23072
Hosaka, N., Kobayashi, C. Utilizing the Internet. 6. Utilization of e-mail 35677
Hosaka, S. *see* Habuchi, H. 26467
Hosaka, S. *see* Takao, K. 20157
Hosaka, T. *see* Kato, Y. 29663
HoSang, P.A. *see* Johnson, G. 18687
HoSang, P.A. *see* Johnson, G. 37972
Hosaya, K. *see* Ohata, K. 21958
Hosch, J.W. *see* Raymond, C.J. 42847
Hoschek, R. *see* Huber, C.J. 44870
Hoschek, R. *see* Preis, K. 39628
Hoschl, P. *see* Zvara, M. 12589
Hose, D. *see* Tell, D. 35673
Hoseggen, S. *see* Soreide, F. 50202
Hoshaw, S.J., Fyhrie, D.P., Takano, Y., Burr, D.B., Milgrom, C. A method suitable for in in vivo measurement of bone strain in humans 59395
Hoshen, J., Drake, G., Spencer, D. Wide area continuous offender monitoring 58120
Hoshi, M. *see* Naito, S. 7550
Hoshi, M. *see* Takada, J. 22380
Hoshi, M. *see* Te Sun Hao 34499
Hoshi, N. *see* Kawamura, A. 39326
Hoshi, N. *see* Kawamura, A. 51747
Hoshi, Y. *see* Yoshida, H. 31007
Hoshida, T., Hai-Feng Liu, Tsuchiya, M., Ogawa, Y., Kamiya, T. Subharmonic hybrid mode-locking of a monolithic semiconductor laser 55715
Hoshida, T., Liu, H.F., Tsuchiya, M., Ogawa, Y., Kamiya, T. Locking characteristics of a subharmonically hybrid mode-locked multisection semiconductor laser 14148
Hoshida, T., Liu, H.F., Tsuchiya, M., Ogawa, Y., Kamiya, T. Detuning characteristics of a subharmonically hybrid mode-locked monolithic semiconductor laser 44586

Hoshida, T., Tsuchiya, M., Kamiya, T. Generation and RF phase-shifting of millimeter-wave subcarriers using a hybrid mode-locked monolithic semiconductor laser 44467
Hoshida, T. *see* Nozu, M. 39829
Hoshijima, K., Sekiya, K., Yamashita, T., Matsumoto, K., Kuwata, Y., Furubo, S. Power supply system for high-speed broadband telecommunications equipment in a central office 51283
Hoshikawa, E. *see* Harihara, S. 27182
Hoshimiya, N., Higa, H., Watanabe, T., Murakami, H., Futami, R., Matsuki, H., Iguchi, Y., Handa, Y., Takahashi, K., Furukawa, T., Ogasawara, Y., Shimotomai, T. Development of multi-channel implantable functional electrical stimulation (FES) system for clinical usage 59810
Hoshina, K. *see* Aoyagi, H. 60944
Hoshino, A. *see* Yuasa, T. 37671
Hoshino, E. *see* Shirabe, K. 22631
Hoshino, H. *see* Okano, F. 58924
Hoshino, K. *see* Shimada, T. 51513
Hoshino, M. *see* Kitahara, A. 51812
Hoshino, M. *see* Whitby, E. 909
Hoshino, T., Ishimaru, T., Kumamoto, K., Kawada, H., Ohdomari, I. Dynamic features in generation and disappearance of Si(111)-7×7 domains 12175
Hoshino, T., Kato, T., Hayakawa, N., Hikita, M., Ueda, T., Okubo, H. Discrimination of partial discharge electromagnetic signal in SF_6 gas from external noises using phase gate control method 9426
Hoshino, T. *see* Hikita, M. 13304
Hoshino, T. *see* Nakaura, S. 18495
Hoshino, T. *see* Tsuboi, T. 49380
Hoshino, T. *see* Tsukiji, H. 29204
Hoshino, Y. *see* Inaba, M. 36499
Hoshino, Y. *see* Nagata, K. 53268
Hoshino, Y. *see* Ogashiwa, T. 1960
Hoshino, Y. *see* Saeki, T. 1385
Hoshino, Y. *see* Shima, T. 12696
Hoshiya, K. *see* Hosaka, H. 17771
Hoshiyama, M., Sato, G., Hirano, K., Suemune, I. Study with C-V measurements on nitrogen-doped p-type ZnSe grown by MOMBE 44562
Hoshuyama, O., Sugiyama, A. A robust adaptive beamformer for microphone arrays with a blocking matrix using constrained adaptive filters 15244
Hosie, R. *see* Srinivasan, M.V. 57411
Hosking, F.M., Stevenson, J.O., Hernandez, C.L. Parametric study on the solderability of etched PWB copper 22061
Hosking, F.M., Stevenson, J.O., Yost, F.G. Capillary flow of solder on chemically roughened PWB surfaces 1797
Hosking, F.M., Yost, F.G., Hernandez, C.L., Sackinger, S.J. Assessing capillary flow on printed wiring board surfaces 31628
Hosking, F.M. *see* Hernadez, C.L. 1778
Hosking, F.M. *see* Sorensen, N.R. 31634
Hosking, J.R.M. *see* Se June Hong 52453
Hosking, M. *see* Kokas, J. 1809
Hosking, M.W. *see* Tonkin, B.A. 10953
Hoskins, B.G. *see* Nafalski, A. 23316
Hoskinson, E.M. *see* Rogers, J.G. 28162
Hoskote, Y. *see* Yirng-An Chen 31331
Hosman, R.J.A.W., Mulder, M. Perception of flight information from EFIS displays 49928
Hosny, E.A. *see* Adb El-Azeem, M.H. 56157
Hosny, E.A. *see* Sobhy, M.I. 21898
Hosny, E.A. *see* Sobhy, M.I. 53567
Hosny, W., Chanerley, A., Dobrucky, B., Pastierovic, M., Chyla, P., Jozefak, L. Digital signal processor speed estimation for sensorless controlled induction motors 19741
Hosny, W.M., Dodds, S.J. Analytical investigation of the torque capability of the reaction sphere 51437
Hosoba, M. *see* Horino, M. 28067
Hosoba, M. *see* Nishida, S. 28068
Hosoda, K. *see* Asada, M. 35223
Hosoda, K. *see* Yoshino, K. 55453
Hosoda, M., Tominaga, K., Ohtani, N., Mimura, H., Nakayama, M. Influence of Γ-X resonances on Γ_1 ground state electron occupation in type-I GaAs/AlAs superlattice 42138
Hosoda, M. *see* Ohtani, N. 22397
Hosoda, M. *see* Tominaga, K. 13687
Hosoda, N. *see* Chung, T.R. 41848
Hosoda, N. *see* Rondeau, J.-P. 12027
Hosoda, N. *see* Suga, T. 43364
Hosogi, K. *see* Takano, H. 22661
Hosohara, S. *see* Yamazoe, N. 17590
Hosoi, A. *see* Hiratsuka, N. 36734
Hosoi, N. *see* Fujii, K. 52651
Hosoi, N. *see* Furuya, A. 12807
Hosokawa, H., Nishimura, T.H., Yoshiwara, S., Nakamura, E. The influence on the cardiac function after excessive exercise is loaded: an evaluation by the way of electrocardiogram and echocardiogram before and after the disabled wheelchair marathon 49608
Hosokawa, H. *see* Mizuhata, S. 39860
Hosokawa, H. *see* Ohwaki, T. 40560
Hosokawa, K. *see* Sunaga, T. 21677
Hosokawa, N. *see* Sugai, K. 54492
Hosokawa, T., Kawaguchi, K., Ohta, M., Muraoka, M. A design for testability method using RTL partitioning 53124
Hosokawa, T., Yamada, K. Performance of 15-MeV injection scheme in Super-ALIS 7747
Hosokawa, T. *see* Fukuda, T. 866
Hosokawa, T. *see* Takizawa, M. 38913
Hosokawa, T. *see* Yamada, K. 37071
Hosoki, K. *see* Nishimoto, H. 58308
Hosoki, S. *see* Hasegawa, T. 12142
Hosom, D.S. *see* Allsup, G.P. 50109
Hosom, D.S. *see* Way, B.S. 50181
Hosomi, E. *see* Takubo, C. 20939
Hosomi, K., Shirai, M., Hiruma, K., Shigeta, J., Katsuyama, T. AFM characterization of GaAs-AlGaAs waveguides 22892
Hosomi, K. *see* Kondow, M. 30833
Hosono, A. *see* Morimoto, W. 31696
Hosono, H., Yasukawa, M., Kawazoe, H. Novel oxide amorphous semiconductors: transparent conducting amorphous oxides 2072
Hosono, H. *see* Hinata, T. 4224
Hosono, H. *see* Hinata, T. 45010
Hosono, H. *see* Ueda, N. 12297
Hosono, K. *see* Watanabe, T. 37036
Hosono, T. *see* Tanaka, H. 56017
Hosono, T. *see* Yamasaki, T. 14600
Hosono, Y. *see* Nakamura, T. 55668
Hosotani, T., Harada, K., Ishihara, Y., Todaka, T. A novel zero-voltage-switching current resonant converter with rectifiers' deadtime technique operated in 10 MHz range 53013
Hosoya, M., Hioc, W., Kominami, S.'y., Nagaishi, H., Nishino, T. 3.5 GHz operation of a superconducting packet switch element 47501
Hosoya, M. *see* Tsunetsugu, H. 42635
Hosoya, T., Shindo, S., Yaguchi, H., Ichikawa, T., Tanimoto, K., Kazumori, M., Yanagi, H., Asakura, H. R&D of high reliability refrigeration system for superconducting generators 51867
Hosoya, T. *see* Hirata, A. 12767
Hosoya, Y., Ohsugi, S., Muto, S., Kurokawa, Y. Nonlinear optical properties (SHG, THG) of N-(4-nitrophenyl)-L-prolinol doped alumina film prepared by a sol-gel process 3320
Hosoyama, K., Hara, K., Higahi, N., Kabe, A., Kawamata, H., Kojima, Y., Morita, Y., Nakai, H., Terashima, A., Takahashi, T., Shintomi, T., Hirabayashi, H., Kimura, Y. Fabrication and testing of 1-m-long SSC model dipole magnets 49159
Hosoyama, K., Kabe, A., Hara, K., Higahi, N., Kawamata, H., Kojima, Y., Morita, Y., Nakai, H., Terashima, A., Takahashi, T., Shintomi, T., Hirabayashi, H., Kimura, Y. Quench characteristics of 1-m-long SSC model dipole magnets 49160
Hosoyama, K. *see* Doi, M. 37082
Hosoyama, K. *see* Morita, Y. 43846
Hosoyama, K. *see* Nakai, H. 43844
Hossain, M.A. *see* Tokhi, M.O. 34740
Hossain, T. *see* Sherry, J. 43323
Hossain-Pas, S., Brennan, J., Matsuhiro, D. User group implementation with a U.S. supplier 30097
Hossain-Pas, S. *see* Nanda, A.K. 22486
Hossain-Pas, S. *see* Riley, T.J. 22512
Hossain-Pas, S.D., Pas, M.F., Douglas, M.A. Feasibility of analysis of silicon surface cleaning using time-of-flight secondary ion mass spectrometry 42527
Hossam-Eldin, A.A. *see* Lotfy, A.A. 19050
Hosseini, H.M.M., Bouzerdoum, A. A combined method for Persian and Arabic handwritten digit recognition 46148
Hosseinzadeh, N., Kalam, A. A neuro-fuzzy power system stabiliser 50380
Hossen, A., Heute, U. Using the subband-DFT in speech cepstrum analysis and echo detection 34687
Hosser, D. *see* Will, J. 19362
Hossin, M. *see* Wright, N.G. 40896
Hosten, B. *see* Cawley, P. 38142
Hostetler, L. *see* Rodkey, D.L. 8660
Hosticka, B.J. *see* Aslam, A. 48694
Hosticka, B.J. *see* Maschmann, M. 2850
Hosung Chang, Je-Myung Jeong A modified coupled-mode analysis for asymmetric coupled waveguides 24523
Hosung Chang, Je-Myung Jeong, Sung Kyou Lim The transmission-line theory applied to optical filters 33200
Hosur, S., Tewfik, A.H. Wavelet transform domain RLS algorithm 15398
Hosur, S., Tewfik, A.H. Wavelet transform domain adaptive FIR filtering 45742
Hosur, S. *see* Vaidyanathan, C. 16526
Hotaka, H. *see* Sato, H. 44099
Hotaling, T.C. *see* Burke, B.E. 37525
Hotate, K. Fiber sensor technology today 27599
Hotate, K. Future evolution of fiber optic gyros 27609
Hotate, K. Future evolution of fiber optic gyros 58791
Hotate, K., Harumoto, M. Resonator fiber optic gyro using digital serrodyne modulation 48602
Hotate, K. *see* Ito, T. 27628
Hotate, K. *see* Okugawa, T. 15672
Hotate, K. *see* Saida, T. 48607
Hotate, K. *see* Takushima, Y. 3717
Hotate, K. *see* Tanaka, Y. 55539
Hotate, K. *see* Yamashita, S. 23795
Hotate, K. *see* Yamashita, S. 44391
Hotate, K. *see* Yamashita, S. 55367
Hotate, K. *see* Zuyuan He 46333
Hotchandani, S. *see* Nsengiyumva, S. 44248
Hotchkis, M.A.C. *see* Smith, A.M. 49348
Hotchkiss, G.B. Particle generation of silver-glass die attaches during a rapid cure process (RCP) 52226
Hotchkiss, G.B., Hundt, P.J., Kee, K.Y. Rapid cure process (RCP) for CerDIP packages using tungsten-halogen lamps 53830
Hoton How, Ta-Ming Fang, Wei Liu, Vittoria, C., Champion, M.H., Southall, H.L. Antenna array of circular patches on ferrite substrate 34372
Hoton How, Vittoria, C., Schmidt, R. Nonlinear intermodulation coupling in ferrite circulator junctions 43716
Hotovy, I. *see* Buc, D. 10825
Hotsenpiller, P.A.Morris *see* Morris Hotsenpiller, P.A.
Hotson, G.W. Utilization of geothermal energy in a pulp and paper mill 61377
Hotta, H. *see* Kudou, Y. 16793
Hotta, K. *see* Horiuchi, H. 51499
Hotta, K. *see* Ikeda, H. 2379
Hotta, S. *see* Ohta, H. 12040
Hotta, S. *see* Ohta, H. 31601
Hotta, T. *see* Yoshida, S. 53340
Hotta, Y., Sigyo, H., Kondo, S., Oizumi, S. Foil covered PACkage (FPAC): a new package concept 240
Hotta, Y. *see* Takahashi, M. 38781
Hotter, M., Mester, R., Meyer, M. Detection of moving objects using a robust displacement estimation including a statistical error analysis 15534
Hottinen, A., Holma, H., Toskala, A. Multiuser detection for multirate CDMA communications 6621
Hotz, S. *see* Finn, G.G. 16252
Hotz, T.J. *see* Kitzmiller, J.R. 33879
Hotz, T.J. *see* Penney, C.E. 33886
Hotz, T.J. *see* Werst, M.D. 33907
Hou, A.S. *see* Ho, F. 58949
Hou, C.A. Finite element simulation of dual-beam laser welding using ANSYS 44844
Hou, C.K. Effect of silicon on the loss separation and permeability of laminated steels 32807
Hou, C.K. Effect of hot band temper rolling strain on the magnetic properties of low-carbon electrical steels 32808
Hou, E. *see* Jun Li 27655
Hou, E.S.H. *see* Kaplinsky, M.B. 17496
Hou, H. *see* Blum, O. 32171
Hou, H. *see* Geib, K.M. 23998
Hou, H. *see* Shul, R.J. 22588
Hou, H. *see* Vawter, G.A. 44503
Hou, H.Q., Chui, H.C., Choquette, K.D., Hammons, B.E., Brieland, W.G., Geib, K.M. Highly uniform and reproducible vertical-cavity surface-emitting lasers grown by metalorganic chemical vapor deposition 14175
Hou, H.Q. *see* Choquette, K.D. 3896
Hou, H.Q. *see* Choquette, K.D. 24002
Hou, H.Q. *see* Choquette, K.D. 33502
Hou, H.Q. *see* Choquette, K.D. 55734
Hou, H.Q. *see* Ejeckam, F.E. 40419
Hou, H.Q. *see* Hayes, E.M. 33345
Hou, H.Q. *see* Kuksenkova, D.V. 23885
Hou, H.Q. *see* Lear, K.L. 3968
Hou, H.Q. *see* Li, G.H. 22383
Hou, H.Q. *see* Li, J. 44543
Hou, H.Q. *see* Patrizi, G.A. 43249
Hou, H.Q. *see* Qian, Y. 23901
Hou, J.F. *see* Antos, J. 37373
Hou, L.D. *see* Chou, Y.C. 32449
Hou, L.D. *see* Chou, Y.C. 32450
Hou, L.D. *see* Wang, R. 31529
Hou, M., Yeo, S.H., Wu, L., Zhang, H.B. Teleoperation characteristics and human response factor in relation to a robotic welding system 36814
Hou, S.R., Chang, Y.H., Chen, A.E., Lin, W.T. Study of energy straggling and multiple scattering in silicon microstrip detectors 59252
Hou, T.Y. *see* Beale, J.T. 629
Hou, W.B. *see* Yuan, D.R. 10632
Hou, X.Y.. *see* Xu, Q.J. 2391
Hou, Y., Lu, J. Theory and application of active set method in evaluation of form tolerance 10177
Hou, Y.B., Han, M.S., Song, B.K., Kwak, M.Y., Cho, H.D., Kang, T.W., Jeoung, Y.T., Kim, H.K., Kim, J.M., Choi, J.B., Ki Sang Jang Characterization of rapid thermal annealed and hydrogenated CdTe(111)/Si(100) 32113
Hou, Y.B. *see* Chen, X.B. 4080
Hou, Y.B. *see* Han, M.S. 42369
Hou Boyuan *see* Xu Huaizhe 12494
Hou Chao Huan *see* He Qing 21755
Hou Chao-Ju *see* Chao-Ju Hou
Hou Chaohuan *see* Hu Guorong 1610
Hou Chun-Li *see* Chun-Li Hou
Hou Daqing *see* Daqing Hou
Hou Fanglin *see* Fanglin Hou
Hou Jiechang *see* Jiechang Hou
Hou Jing-Ying *see* Chen Bai-Jun 55455
Hou Jing-Ying *see* Huang Jing-Song 44285
Hou Jingya *see* Jingya Hou
Hou Jingying *see* Jingying Hou
Hou Lantain *see* Lantain Hou
Hou Lei, Qou Huadong Realizing the No. 7 common channel signaling telephone user part in JSY2000-19 program control digital subscriber exchange 58071
Hou Rushun *see* Ding Tianhuai 29236
Hou Wei Xing *see* Wei Xing Hou
Hou Wen-Sheng *see* Wen-Sheng Hou

Hou Wenbo *see* Yuan Duorong 24099
Hou Wenbo *see* Wenbo Hou
Hou Wu *see* Wu Hou
Hou Xiang-dong *see* Xiang-dong Hou
Hou Xiao-Yuan *see* Xiao-Yuan Hou
Hou Xiaoyuan *see* Fan Honglei 32208
Hou Xiaoyuan *see* Xiaoyuan Hou
Hou Xun *see* Hu Wei 14015
Hou Xun *see* Hu Wei 33714
Hou Xun *see* Sun Changyin 12064
Hou Xun *see* Sun Changyin 12065
Hou Xun *see* Yan Xinglong 44429
Hou Xun *see* Zhang Shuming 12074
Hou Xun *see* Zhuang Yiqi 2605
Hou Yoo Bum *see* Yoo Bum Hou
Hou Zhan-Jia *see* Zhang Tian-Cai 44442
Hou Zhijian, Wu Jishun, Liang Yong, Zhang Weihong Feeder reconfiguration and capacitor allocation for distribution networks 50561
Hou Zhijian, Wu Jishun, Zhang Qiyu, Wan Liang, Pan Longxing Some improved approaches of power system short term load forecasting 28844
Hou Zhuang *see* Zhuang Hou
Hou Ziqiang *see* Du Limin 14949
Hou-Sheng Huang *see* Chan-Nan Lu 60287
Hou-Tian Liu *see* Wen-Bin Cai 29576
Hou-Zhi Zheng *see* Zheng Hou-Zhi
Houard, F. *see* Vanhoenacker, L. 9000
Houck, D.J., Lai, W.S. Traffic analysis of hybrid fiber-coax systems 16452
Houck, T. *see* Henestroza, E. 49183
Houck, T.L., Anderson, D., Eylon, S., Henestroza, E., Lidia, S.M., Reginato, L.L., Westenskow, G.A., Yu, S.S. Scaling the TBNLC collider design to higher frequencies 49092
Houck, T.L. *see* Kim, J.S. 37026
Houck, T.L. *see* Westenskow, G.A. 49091
Houdayer, A. *see* Khanna, S.M. 22258
Houdoin, T. *see* Picand, F. 47328
Houdre, R. *see* Weisbuch, C. 33574
Houdt, J.Van *see* Van Houdt, J.
Houdzoumis, V.A. *see* King, R.W.P. 34273
Houenagnon, M.A., Cheriti, A. Comparative simulation study of two three-phase active single-switch topologies for power factor correction 19197
Houghton, A. *see* Fabianek, B. 58368
Houghton, A.W., Reeve, C.D. Direction finding on spread spectrum signals using a time-integrating acousto-optic correlator 7014
Houghton, D.C., Aers, G.C., Rowell, N.L., Brunner, K., Winter, W., Eberl, K. Band alignment in $Si_{1-y}C_y$/Si(001) and $Si_{1-x}/Ge_x/Si_{1-y}C_y$/Si(001) quantum wells by photoluminescence under applied [100] and [110] uniaxial stress 42240
Houghton, D.C. *see* Lafontaine, H. 723
Houghton, S. *see* Granito, C. 27744
Houhanessian, V.Der *see* Der Houhanessian, V.
Houle, B. MajorCool: a Web interface to Majordomo 16212
Houlei Gao *see* Gao Houlei
Houlgate, R.G., Swift, D.A. AC circuit breakers: pollution flashover performance of various types of interrupter head 38914
Houlgreave, J.A., Bromley, K.S., Fothergill, J.C. Prediction of monopolar corona charge injection and current distribution in air for complex geometries 41737
Houlgreave, J.A. *see* Fothergill, J.C. 41727
Houlgreave, J.A. *see* Fothergill, J.C. 48804
Houlihan, F.M. *see* Nalamasu, O. 42826
Houlston, J. Plating innovations: pulsing the way to higher plant capacity and quality 41640
Houlton, D.J. *see* Brown, J.R. 48719
Houlton, M. *see* Sazio, P.J.A. 22537
Houlton, M. *see* Sazio, P.J.A. 32140
Houlton, M.R. *see* Maxley, C.D. 700
Houng, M.P. *see* Sze, P.W. 12243
Houng-Jyh Wang, Kuo, C.-C.J. High fidelity image compression with nearly lossless arithmetic coding 46046
Houpeng Chen *see* Chen Houpeng
Hourai, M. *see* Kanda, T. 10643
Hourai, M. *see* Kanda, T. 40295
Hourai, M. *see* Miyano, T. 10609
Hourani, E. *see* Artru, X. 49308
Houriez, B. *see* Caulier, P. 57759
Hourouebie, P., Marsacq, D., Vallayer, B., Olmedo, L., Janah, H. Trapping and detrapping of electrical charges in polymers 32720
Hourquebie, P. *see* Marsaco, D. 43436
Hourquebie, P. *see* Vallayer, B. 13272
Houry, M.P. *see* Bourles, H. 50773
Housai, H. *see* Hattori, K. 22723
Housai, I. *see* Ando, T. 32264
House, D., Winkler, R. Preventive medicine for data disruption 35648
House, G., Casasent, D. Optimized peak, distortion, and clutter (OPDIC) detection filter 5203
House, J.L., Dougherty, D.J., Petrich, G.S., Kolodziejski, L.A., Ippen, E.P., Hua, G.-C. Growth and characterization of ZnSe/GaAs single quantum well structures 789
House, P. *see* Tarbutton, G. 51839
Housel, M. *see* Vawter, G.A. 33130
Houshmand, A.A., Golnabi, S., Frosh, M. Generalization of Shewhart X̄-chart 52300
Houshmand, B. *see* Chien-Nan Kuo 41431
Houssin, M. *see* Fermigier, B. 27262
Houssin, M. *see* Fermigier, B. 27280
Houssin, M. *see* Fermigier, B. 48325
Houstis, E.N. *see* Drashansky, T.T. 47586
Houstis, E.N. *see* Joshi, A. 47133
Houstis, E.N. *see* Wu, P. 633
Houston, A. *see* Herig, C. 50846
Houston, A.E.D. On the limit of maximal density of sequences with a perfect linear complexity profile 56263
Houston, B. *see* Corsaro, R.D. 18974
Houston, B.H. *see* Bucaro, J.A. 17875
Houston, B.H. *see* Vignola, J.F. 58782
Houston, G. *see* Brady, F. 22965
Houston, P.A. *see* Lye, B.C. 12896
Houston, P.A. *see* Ng, C.-M.S. 12907
Houston, P.A. *see* Plimmer, S.A. 2584
Houston, T. *see* Aton, T. 1354
Houston, T. *see* Chatterjee, A. 2805
Houston, T. *see* Joyner, K. 22552
Houston, T. *see* Hemment, P.L.F. *(editor)* 29948
Houston, T.W. *see* Yin Hu 1358
Hout, K.J.in 't *see* in 't Hout, K.J.
Houten, J.M.van *see* van Houten, J.M.
Houtinho, H. *see* Xiaonan Li 39105
Houtsma, A.J.M., Trahiotis, C., Veldhuis, R.N.J., van der Waal, R. Bit rate reduction and binaural masking release in digital coding of stereo sound 17120
Houtsma, A.J.M., Trahiotis, C., Veldhuis, R.N.J., van der Waal, R. Further bit rate reduction through binaural processing 17121
Houtte, B.Van *see* Van Houtte, B.
Houtteman, B. Pre-assembled IDC (Insulation Displacement) coaxial connectors reduce costs 41570
Houwen, P.J.van der *see* van der Houwen, P.J.
Houwen Wang *see* Wang Houwen
Houzhi Si *see* Si Houzhi
Houzhong Yan, Luh, P.B. A fuzzy optimization-based method for integrated power system scheduling and inter-utility power transaction with uncertainties 60334
Hovanesian, J.D. *see* Hathaway, R.B. 21400
Hovanesian, J.D. *see* Hung, Y.Y. 999
Hovater, C., Arnold, G., Fugitt, J., Harwood, L., Kazimi, R., Lahti, G., Mammosser, J., Nelson, R., Piller, C., Turlington, L. The CEBAF RF separator system 37107
Hovater, C., Chowdhary, M., Karn, J., Tiefenback, M., van Zeijts, J., Watson, W. Operational experience with the CEBAF control system 49131
Hovde, D.C., Parsons, C.A. Wavelength modulation detection of water vapor with a vertical cavity surface-emitting laser 48985
Hovdenes, J. The RCM9-A unique new instrument for measuring ocean currents and other oceanographic parameters 50102
Hove, A.Van *see* Van Hove, A.
Hove, H.Van *see* Van Hove, H.
Hove, J.M.Van *see* Van Hove, J.M.
Hove, L.Van den *see* Van den Hove, L.
Hove, M.Van *see* Van Hove, M.
Hovel, H. *see* Assaderaghi, F. 2839
Hovel, H. *see* Voldman, S. 22978
Hovel, H.J. Silicon-on-insulator substrates: status and prognosis 13143
Hoven, G.N.van den *see* van den Hoven, G.N.
Hovenier, J.N. *see* Strijbos, R.C. 44587
Hovens, M. Bringing advanced operations management to the access network 47420
Hover, F. *see* Singh, H. 48157
Hovig, I., Gaure, S. Consequences of pixel precision for compression rate and measurement 25549
Hovin, M., Olsen, A., Lande, T.S., Toumazou, C. Delta-sigma modulators using frequency-modulated intermediate values 21768
Hovin, M. *see* Abusland, A. 1643
Hovin, M. *see* Marienborg, J.-T. 1642
Hovinen, A. *see* Sinkkonen, J. 39004
Hovinen, A. *see* Tuominen, E. 61096
Hovsepyan, R.K. *see* Agamalyan, N.R. 23654
How, J.P. *see* Miller, D.W. 49908
How Hoton *see* Hoton How
How-Chiang Lee *see* Ching-Ting Lee 13699
Howard, A. Software advances aid in simulating PLL-based circuits 1027
Howard, A. *see* Lovelace, D. 53671
Howard, A.J. *see* Briggs, R.D. 42287
Howard, A.J. *see* Kurtz, S.R. 3889
Howard, A.J. *see* Parmeter, J.E. 22563
Howard, A.J. *see* Seigal, P.K. 42286
Howard, A.J. *see* Shul, R.J. 2400
Howard, A.J. *see* Shul, R.J. 12783
Howard, A.J. *see* Vartuli, C.B. 2322
Howard, A.J. *see* Zolper, J.C. 12674
Howard, C. *see* Kalk, F. 22686
Howard, D.J. *see* De Wolf, I. 42740
Howard, D.J. *see* De Wolf, I. 54298
Howard, D.M. *see* Garner, N.R. 34659
Howard, D.M. *see* Tyrrell, A.M. 41205
Howard, E., Dittberner, G., Kirkner, S. Technology cooperation between NOAA and NASA in the New Millennium Program 59874
Howard, E. *see* Fish, S. 24397
Howard, E.G., Kirkner, S. New trends in space program management 18593
Howard, F.B. A practical analysis of the economic justification for small RAPS systems [remote area power supply] 28817
Howard, J., Hu, M., Biunno, N. Integrated passive components in PCBs 11946
Howard, J., Logothetis, J., Wilson, J. Beamformers: broadband RF technology for integrated networks 34460
Howard, J., Vinluan, R.N. Calculate the coupling coefficient for non-uniform lines 1686
Howard, J. *see* Jiang, Y. 31351
Howard, J. *see* Voldman, S. 22978
Howard, L.P., Stone, J.A. Differential wavelength meter for laser tuning 44623
Howard, N. *see* Oracc, J. 1041
Howard, P. *see* Edom, T. 16930
Howard, P.E. *see* Herring, R.J. 17485
Howard, R. Fifty-one mini case studies for engineering ethics and professionalism 20620
Howard, R. *see* Smith, P. 36698
Howard, S.D., Sirianunpiboon, S. Wavelet coefficients, quadrature mirror filters and the group SO(4) 34906
Howard, S.P. *see* Rao, S.S. 47569
Howard, T.R. *see* Allred, L.G. 37961
Howards, A.J. *see* Fritz, I.J. 33122
Howarth, B. Snap poll: desktop management tools 46902
Howarth, L.C. An exploratory study into requirements for an interdisciplinary metathesaurus 6261
Howarth, P.J. *see* Treitz, P.M. 18937
Howarth, R. *see* Buxton, H. 57325
Howarth, T.R. *see* Ting, R.Y. 13342
Howat, S.D. *see* Siew, W.H. 4298
Howe, D. *see* Baholo, B. 9239
Howe, D. *see* Bingham, C.M. 61211
Howe, D. *see* Jewell, G.W. 38748
Howe, D. *see* Ng, K. 9280
Howe, D. *see* Smith, D.S. 29860
Howe, D. *see* Wu, Z.Y. 61212
Howe, D.A., Lainson, K.J. Effect of drift on TOTALDEV 11228
Howe, D.G. *see* Tehranchi, B. 3334
Howe, P. *see* Berning, S. 8702
Howe, R. *see* Son, J.S. 36501
Howe, R.T., Boser, B.E., Pisano, A.P. Polysilicon integrated microsystems: technologies and applications 2870
Howe, R.T. *see* Chau, K.H.-L. 13159
Howe, R.T. *see* Fedder, G.K. 13201
Howe, R.T. *see* Maboudian, R. 43395
Howell, D.F. *see* Fox-Murphy, A.F. 37397
Howell, E., Makemson, J., Scarpace, F., Ventura, S. Remote sensing, GIS, GPS management of hurricane damaged natural areas 6672
Howell, G.L. *see* Lillycrop, L.S. 50204
Howell, G.L. *see* McKinney, J.P. 50190
Howell, J., Young, R.C. Reasoning about correlation-based inspection of small-batch-manufactured objects 340
Howell, J. *see* Antos, J. 37373
Howell, K.C. *see* Hiday-Johnston, L.A. 49847
Howell, P.B., Palmer, R.D., Narayanan, R.M., Larsen, M.F., Cho, J.Y.N. Preliminary results from the Arecibo 430 MHz spatial interferometry system 18825
Howell, P.B. *see* Palmer, R.D. 60052
Howell, R.G. *see* Jones, S.M.R. 24474
Howell, R.G. *see* Yusoff, M.M.B.M. 24473
Howell, S. *see* Collier, K. 20478
Howell, T. European policy concerns on satellite communications 47850
Howells, A. *see* Vaughan, G. 16882
Howells, E., McCormick, G.P. Arcing resistance of high fire point dielectric liquids 19807
Howells, G., Fairhurst, M.C., Bisset, D.L. Novel RAM-based neural networks for object recognition 35143
Hower, R.W. *see* Sakong, D.S. 7457
Howerton, M.M., Moeller, R.P., Gopalakrishnan, G.K., Burns, W.K. Low-biased fiber-optic link for microwave downconversion 16702
Howes, M. *see* Stevenson, P. 29185
Howes, M.J. *see* Baree, A.H. 53668
Howick, E., Brown, N., Chartier, J.-M. International comparison of iodine cells for laser length standards 17160
Howie, A. *see* Bleloch, A.L. 41810
Howitz, S. *see* Fiehn, H. 23082
Howlader, M.M.K. *see* Riza, N.A. 6957
Howles, L. Load factors to end June 1996 [nuclear power plants] 19476
Howlett, P., Pudney, P., Tarnopolskaya, T., Gates, D. Optimal driving strategy for a solar car on a level road 50685
Howlett, S. *see* Duggan, L. 37850
Howlett, S.J., Kron, T. Evaluation of p-type semiconductor diodes for in-vivo dosimetry in a 6 MV X-ray beam 37905
Howser, L.M. Modeling and measuring scan modulation of an infrared seeker 19012
Howson, P.A. *see* Walters, S.D. 20202
Hoy, K.G. *see* Strandberg, R.H. 1609
Hoyano, A. *see* Asano, K. 36691
Hoydick, D.P., Palmiere, E.J., Soffa, W.A. On the formation of the metastable $L1_0$ phase in manganese-aluminum-base permanent magnet materials 21365
Hoyeon Chung, Soondal Park Sensitivity analysis maintaining the structure of the optimum solution in minimum cost flow problem 40066
Hoyer, D., Liebovitch, L.S., Schmidt, K., Luethke, B., Zwiener, U. Practical problems of determining the dimensions of heart rate data 49715

Hoyer, D., Schmidt, K., Bauer, R., Zwiener, U., Kohler, M., Luthke, B., Eiselt, M. Nonlinear analysis of heart rate and respiratory dynamics 28077
Hoyer, D., Schmidt, K., Zwiener, U., Bauer, R. Investigations of different aspects of the complex organization of the heart rate in the phase space 49736
Hoyer, J.R. *see* Recio, M. 58623
Hoyer, P. Semiconductor nanotube formation by a two-step template process 12836
Hoyes, G.G. *see* Singkarat, S. 37454
Hoyt, E. *see* Decker, F.-J. 37121
Hoyt, J.L. *see* Fukuda, H. 23048
Hoyt, J.L. *see* Hung, S.C.H. 43329
Hoyt, J.L. *see* Takagi, S. 12954
Hozawa, M. *see* Masuda, Y. 52594
Hozhabri, A. Simulation of DC-to-DC power converters based on a digital signal processing algorithm 19863
Hozumi, H. *see* Satoh, K. 60483
Hozumi, N. Space charge behavior in electrical insulation under high fields 60398
Hozumi, N., Takeda, T., Suzuki, H., Fujii, K., Terashima, K., Hara, M., Murata, Y., Watanabe, K., Yoshida, M. Space charge behavior in full scale ±250 kV DC XLPE cables 50574
Hozumi, N. *see* Kanegami, M. 32634
Hozumi, N. *see* Kanegami, M. 54882
Hrabar, S., Babic, N., Balachandran, W. Three-probe reflectometer error analysis 27431
Hrabik, T.J., Throne, R.D., Olson, L.G., Windle, J.R. Eigenvector expansion techniques for the inverse problem of electrocardiography applied to a realistic heart-torso geometry 49692
Hrabik, T.J. *see* Throne, R.D. 59688
Hradilova, J., Kolarova, P., Schrofel, J., Ctyroky, J., Vacik, J., Perina, V. Novel low-temperature Er^{3+} doping of lithium niobate 3430
Hrastar, S. *see* Akyildiz, I.F. 5924
Hrdlicka, M. *see* Zezulka, F. 36443
Hrebabetzky, F. Computer-controlled, active phase stabilization for electronic holography 36400
Hrebenar, K.R. *see* Hayes, M.E. 52380
Hredzak, B., Gair, S., Eastham, J.F. Variable structure control of a disc motor with lateral rotor movement 9153
Hredzak, B., Gair, S., Eastham, J.F. Elimination of torque pulsations in a direct drive EV wheel motor 9572
Hredzak, B., Gair, S., Eastham, J.F. Control of torque fluctuations in a PM disc motor 9686
Hrejsa, J. *see* Schott, C. 17295
Hren, A., Jezernik, K., Drevensek, D. Robust control of a high performance IM drive 9574
Hren, J.J. *see* Choi, W.B. 53919
Hren, J.J. *see* Liu, J. 22144
Hren, J.J. *see* Schlesser, R. 41744
Hren, R. Regularizing the discrete ill-posed inverse problem of electrocardiography 37775
Hrianka, M., Gabaj, P., Tomek, I. Image analysis, enhancing the informational value of images, creating of the stereogram 46129
Hribek, P. *see* Kaczmarek, M. 44641
Hribernik, B. *see* Triep, M. 44894
Hribik, J. Current-to-frequency converters with operational amplifiers 31423
Hricak, H. *see* Roach, M., III 28160
Hriljac, P. *see* Bozek-Kuzmicki, M. 25041
Hristakos, L. *see* Leuchtner, R. 10895
Hristea, F. On single carrier outliers in a linear regression model 10289
Hristoforou, E., Chiriac, H., Neagu, M. Amorphous magnetic wires used in digitizers based on reflections in delay lines 3254
Hristoforou, E., Chiriac, H., Neagu, M. A new magnetic field sensor based on magnetostrictive delay lines 17302
Hristoforou, E., Chiriac, H., Neagu, M., Darie, I., Ovari, T.A. Torsion and stress in amorphous positive magnetostrictive wires 3036
Hristoforou, E. *see* Chiriac, H. 3142
Hristoforov, V.N. *see* Senjushenkov, P.A. 13237
Hristoforova, T.V. *see* Senjushenkov, P.A. 13237
Hristov, H.D. The multi-dielectric fresnel zone-plate antenna–a new candidate for DBS reception 34263
Hristovski, D.D. *see* Nikoloski, L.M. 32723
Hromadka, T.V., Whitley, R.J. A new formulation for developing CVBEM approximation functions 21126
Hroundas, G. Design of power supply subsystems for reliability and ESS testing 40903
Hrovat, M. *see* Kuscer, D. 19998
Hrsan, D. *see* Bego, V. 27286
Hrubec, J. *see* Adam, W. 59267
Hrubec, J. *see* Bauer, C. 37378
Hrubesh, L.W. *see* Goodwin, T.J. 2023
Hruby, J.M. *see* Bonivert, W.D. 21327
Hruska, C.K. Nonlinear constants of quartz thirty years after the first nonlinear elastic tensor 13241
Hruska, C.K. Problems of determination of the complete set of the nonlinear constants of quartz 23163
Hruska, C.K. Tolerable orientation errors in determination of the material constants of crystals 27385
Hruska, L.W. Smart batteries and lithium ion voltage profiles 61019
Hrvic, D.M. *see* Gavric, M.R. 19431
Hrycenko, F. *see* Jenshan Lin 41717
Hrycyk, M. *see* Antos, J. 37373
Hryniewicz, J.V. *see* Porkolab, G.A. 22565
Hryniewicz, J.V. *see* Shih-Hsiang Hsu 36153
Hryniewicz, O. Optimal procedures of statistical process control in the presence of erroneous process inspections 10193
Hryniewiecki, J. *see* Jones, S.M.R. 35988
Hsen-Hsin Chou *see* Hwai-Tsu Hu 34647
Hsi-Chih Cheng *see* Jiun-Wei Horng 53416
Hsi-Ching Shih *see* Mu, A. 6415
Hsi-Chuan Chen *see* Kwang-Ting Cheng 11374
Hsi-Peng Lu A framework for GSS evaluation: An organizational perspective 9938
Hsia, R.P., Deng, B.H., Geck, W.R., Liang, C., Domier, C.W., Luhmann, N.C., Jr., Brower, D.L., Cima, G. Hybrid electron cyclotron emission imaging array system for Texas experimental tokamak upgrade 36865
Hsia, R.P. *see* Zhang, W.-M. 53675
Hsia, S. *see* Pas, M.F. 42446
Hsia, T.C. *see* Bonitz, R.G. 48327
Hsia Peng-Wie *see* Peng-Wie Hsia
Hsia Shih-Chang *see* Shih-Chang Hsia
Hsiang, T.Y. *see* Jacobs-Perkins, D. 58844
Hsiang, T.Y. *see* Lindgren, M. 32916
Hsiang, T.Y. *see* Lindgren, M. 55122
Hsiang-Chou Huang *see* Jen-Shiun Chiang 11503
Hsiang-Ling Li, Chakrabarti, C. Hardware design of a Hough transform based 2-D motion estimation system 35067
Hsiang-Tsun Li, Djuric, P.M. An iterative procedure for joint Bayesian spectrum and parameter estimation of harmonic signals 4728
Hsiang-Tsun Li, Djuric, P.M. MMSE parameter estimation of multiple chirp signals 24945
Hsiao, C.H. *see* Chen, C.F. 39981
Hsiao, G.C., Kleinman, R.E. Mathematical foundations for error estimation in numerical solutions of integral equations in electromagnetics 44856
Hsiao, M.L. *see* Young, S.T. 18266
Hsiao, M.S. *see* Krishnaswamy, D. 53182
Hsiao, P.-Y. *see* Shew, P.W. 53242
Hsiao, R., Miller, D. Etching of tantalum in fluorine-containing high density plasmas 2397
Hsiao, R.C. *see* Xiaohan Yun 32840
Hsiao, T.C., Liu, P., Woo, J.C.S. A novel salicide technology for thin film SOI MOSFETs using Ge pre-amorphization 22972
Hsiao, W. *see* Devenport, K.E. 33326
Hsiao, W. *see* Plant, D.V. 13894
Hsiao, W.S. *see* Rolston, D.R. 3662
Hsiao, W.S. *see* Rolston, D.R. 33325
Hsiao Foam-Zone *see* Foam-Zone Hsiao
Hsiao Shuo-Yuan *see* Shuo-Yuan Hsiao
Hsiao Ying-Chuan *see* Ying-Chuan Hsiao
Hsiao Ying-Tung *see* Ying-Tung Hsiao
Hsiao-Chang Chu, Cheng-Nan Chiu, Shyh-Kang Jeng, Chun Hsiung Chen A periodic surface integral formulation for single-layer composite structures (TE case) 33940
Hsiao-Chang Chu *see* Cheng-Nan Chiu 33978
Hsiao-Chang Chu *see* Cheng-Nan Chiu 34002
Hsiao-Chi Chen, Friedman, J.W., Thisse, J.-F. Boundedly rational Nash equilibrium: a probabilistic choice approach 40001
Hsiao-Chuan Wang *see* Fu-Rong Jean 25177
Hsiao-Chuan Wang *see* Jen-Tzung Chien 15122
Hsiao-Chuan Wang *see* Tai-Hwei Hwang 34658
Hsiao-Chung Liu *see* Jeng-Sheng Huang 35178
Hsiao-Dong Chiang, Cheng-Shan Wang, Flueck, A.J. Look-ahead voltage and load margin contingency selection functions for large-scale power systems 50470
Hsiao-Dong Chiang, Cheng-Shan Wang, Jean-Jumeau, R. Fast computation for saddle-node bifurcation points of general nonlinear system with decoupled parameters 1104
Hsiao-Dong Chiang *see* Jin-Cheng Wang 50555
Hsiao-Dong-Chiang *see* Jin-Cheng Wang 50556
Hsiao-Fan Wang, Miao-Ling Wang A fuzzy multi-objective linear programming 30520
Hsiao-Fan Wang *see* Ching-Chun Fu 20798
Hsiao-Fan Wang *see* Long-Shuh Lin 47680
Hsiao-Lung Chan, Chang-Da Tsai, Hui-Hsun Huang, Dah-Chuan Chiou, Chien-Ping Wu Photodetector with filter 27584
Hsiao-Lung Chan, Jiunn-Lee Lin, Chao-Chen Du, I-Nan Lin, Ko-Teh Lin, Chien-Ping Wu, Wen-Pin Lien The high-resolution time-frequency characteristics of slower frequency heart rate variability in patients of chronic refractory congestive heart failure–the implications of beta-blocker therapy 49696
Hsiao-Pin Su *see* Yu-Wen Tsay 40831
Hsiao-Ping Juan, Gajski, D.D., Chaiyakul, V. Clock-driven performance optimization in interactive behavioral synthesis 11090
Hsiao-Yi Lin, Chun-Yen Chang, Tan Fu Lei, Cheng-Jyi Chang Novel polycrystalline silicon thin film transistors prepared by deposition from Si_2H_6 and subsequent annealing by NH_3 plasma 22803
Hsiao-Yi Lin, Tan Fu Lei, Jz-Jan Jeng, Ci-Ling Pan, Chun-Yen Chang A novel structure for three-dimensional silicon magnetic transducers to improve the sensitivity symmetry 36513
Hsiau Kuo-Hong *see* Kuo-Hong Hsiau
Hsiau Ze-Kai *see* Ze-Kai Hsiau
Hsich Mei Kuan *see* Mei Kuan Hsich
Hsich Shih-Chieh *see* Shih-Chieh Hsich
Hsieh, C. *see* Wu, Q. 41121
Hsieh, C.-M. *see* Cowen, C.S. 40866
Hsieh, C.-M. *see* Weldon, M.K. 22553
Hsieh, C.-M. *see* Weldon, M.K. 42300
Hsieh, C.C. *see* Yao, Y.D. 3262
Hsieh, C.C. *see* Yao, Y.D. 43729
Hsieh, C.L. *see* Nilson, D.G. 36663
Hsieh, C.M. *see* Lu, P.F. 11278
Hsieh, C.Y. *see* Fung, A.K. 8505
Hsieh, G., Ford, S.J., Mason, T.O., Pederson, L.R. Experimental limitations in impedance spectroscopy. Pt. 1. Simulation of reference electrode artifacts in three-point measurements 48818
Hsieh, G., Mason, T.O., Pederson, L.R. Experimental limitations in impedance spectroscopy. Pt. 2. Electrode artifacts in three-point measurements on Pt/YSZ 48819
Hsieh, H.K. Prediction intervals for Weibull observations, based on early-failure data 30394
Hsieh, H.Y., Zemel, J.N. Observations of turbulent processes with microfabricated pyroelectric anemometers 27974
Hsieh, I.J. *see* Ku, T.K. 41740
Hsieh, J. Motion artifact reduction with predictive gating 28157
Hsieh, J. Adaptive motion artifact suppression in CT 37703
Hsieh, J. *see* Tsang, R.P. 26024
Hsieh, K.C. *see* Hoke, W.E. 42150
Hsieh, K.C. *see* Moy, A.M. 3634
Hsieh, K.C. *see* Sengupta, D.K. 27577
Hsieh, K.C. *see* Sengupta, D.K. 27579
Hsieh, K.C. *see* Sengupta, D.K. 48666
Hsieh, K.C. *see* Sengupta, D.K. 54326
Hsieh, K.T., Kim, B.K. 3D modeling of sliding electrical contact 22007
Hsieh, K.T., Kim, B.K. One kind of scaling relations on electromechanical systems 24426
Hsieh, K.T., Kim, B.K. International railgun modelling effort 24427
Hsieh, M. *see* Assaderaghi, F. 13001
Hsieh, P., Landgrebe, D.A. Automated training sample labeling using laboratory spectra 8334
Hsieh Chaur-Heh *see* Chaur-Heh Hsieh
Hsieh Cheng-Ta *see* Cheng-Ta Hsieh
Hsieh Ching-Tang *see* Ching-Tang Hsieh
Hsieh Chyi-Jieh *see* Chyi-Jieh Hsieh
Hsieh Der Ming *see* Der Ming Hsieh
Hsieh Guan-Chyun *see* Guan-Chyun Hsieh
Hsieh Jang-Cheng *see* Jang-Cheng Hsieh
Hsieh Jun-Wei *see* Jun-Wei Hsieh
Hsieh Kuang-Chien *see* Kuang-Chien Hsieh
Hsieh Mao-Chung *see* Mao-Chung Hsieh
Hsieh Ming-Ta *see* Ming-Ta Hsieh
Hsieh Shou-Shing *see* Shou-Shing Hsieh
Hsieh Tung-Hung *see* Tung-Hung Hsieh
Hsieh Yu-Fu *see* Yu-Fu Hsieh
Hsieh Yuan-Tsu *see* Yuan-Tsu Hsieh
Hsieh Yung-Chieh *see* Yung-Chieh Hsieh
Hsieh Yuon-Tsu *see* Yuon-Tsu Hsieh
Hsiehl, M.T. *see* Campbell, S.A. 2694
Hsien Szu-Kang *see* Szu-Kang Hsien
Hsien Tsung-Lieh *see* Tsung-Lieh Hsien
Hsien Wu Chung *see* Chung Hsien Wu
Hsien Wu Hui *see* Hui Hsien Wu
Hsien-Chen Li, Fuyau Lin Process improvement using design by experiments 161
Hsien-Chi Yeh *see* Sheau-Shi Pan 27200
Hsien-Chung Wu Fuzzy-valued integrals of fuzzy-valued measurable functions with respect to fuzzy-valued measures based on closed intervals 52397
Hsien-Ho Chuang, Shung, C.B. Technology mapping for FPGAs with composite logic block architectures 1227
Hsien-Hui Tseng *see* Chir-Ho Chang 46201
Hsien-Kuei Hwang Optimal algorithms for inserting a random element into a random heap 34610
Hsien-Kuei Hwang A constant arising from the analysis of algorithms for determining the maximum of a random walk 52455
Hsien-Sen Hung New restoration filter for signals distorted by random impulse response function and noise 56558
Hsien-Sen Hung, Shun-Hsyung Chang, Chieng-Hsing Wu 3-D MUSIC with polynomial rooting for near-field source localization 25196
Hsien-Tsai Wu, Jar-Ferr Yang Source number estimator using neural network 15153
Hsien-Tsai Wu *see* Jar-Ferr Yang 25193
Hsin Kuo Li *see* Li Hsin Kuo
Hsin Wen-Jung *see* Wen-Jung Hsin
Hsin-Cheng Su, Kin-Lu Wong Dispersion characteristics of coplanar waveguides on a cylindrical substrate 31472
Hsin-Cheng Su, Kin-Lu Wong Quasistatic solutions of cylindrical coplanar waveguides 56110
Hsin-Cheng Su, Kin-Tu Wong Dispersion characteristics of cylindrical coplanar waveguides 14677
Hsin-Chih Lin, Ling-Ling Wang, Shi-Nine Yang Automatic determination of the spread parameter in Gaussian smoothing 15438
Hsin-Chih Lin, Ling-Ling Wang, Shi-Nine Yang Color image retrieval based on hidden Markov models 25645
Hsin-Han Tung, Chien-Ping Lee A novel energy filter using semiconductor superlattices and its application to tunneling time calculations 12421
Hsin-Han Tung, Chien-Ping Lee Design of a resonant-cavity-enhanced photodetector for high-speed applications 58749

Hsin-Hsien Li, Yu-Lin Chu, Ching-Yuan Wu A new simplified charge pumping current model and its model parameter extraction [MOSFET] 2626
Hsin-Hsien Li, Yu-Lin Chu, Ching-Yuan Wu A novel charge-pumping method for extracting the lateral distributions of interface-trap and effective oxide-trapped charge densities in MOSFET devices 54638
Hsin-Hua Chang, Ching-Cherng Sun, Jeng-Yang Chang, Ren-Han Tsou, Ming-Wen Chang Polarization-dependent fanning along negative C axis in $BaTiO_3$ 33653
Hsin-I Lin *see* Fu-Rong Jean 25177
Hsin-Jang Shieh *see* Kuo-Kai Shyu 50975
Hsin-Kuo Lin, Jianrong Bu, Longya Xu An effective feedforward fuzzy algorithm for current regulation in stationary reference frame 38682
Hsin-Min Wang, Tai-Hsuan Ho, Rung-Chiung Yang, Jia-Lin Shen, Bo-Ren Bai, Jenn-Chau Hong, Wei-Peng Chen, Tong-Lo Yu, Lin-Shan Lee Complete recognition of continuous Mandarin speech for Chinese language with very large vocabulary using limited training data 34700
Hsin-Piao Lin, Akturan, R., Vogel, W.J. Photogrammetric satellite PCS channel modeling using Markov chain approach 6615
Hsin-Tai Yang, Shie-Jue Lee Morphological decomposition of arbitrarily shaped images 25347
Hsin-Tai Yang, Shie-Jue Lee Optimal decomposition of morphological structuring elements 57481
Hsin-Tai Yang *see* Han, B. 31160
Hsin-Teng Sheu, Hung-Yi Chen, Wu-Chih Hu Consistent symmetric axis method for the robust detection of ellipses 46274
Hsin-Teng Sheu, Yuen-Haw Chang Robust fault diagnosis for large-scale analog circuits with measurement noises 31036
Hsin-Yi Lee, Tai-Bor Wu, Jyh-Fu Lee Effect of sputtering-target composition on the texturization of $LaNiO_3$ thin films on Si substrate 30928
Hsin-Yu Wu, Duel-Hallen, A. On the performance of coherent and noncoherent multiuser detectors for mobile radio CDMA channels 47633
Hsin-Yuan Chen *see* Ciann-Dong Yang 48172
Hsing, T.R., Chang, L.F., Arnold, H.W., Seidel, S.Y. Digital transmission technologies for video communications applications: an overview 5921
Hsing Liu Chun *see* Chun Hsing Liu
Hsing-Chung Liang, Chung Len Lee, Chen, J.E. Invalid state identification for sequential circuit test generation 53118
Hsing-Chung Yeh *see* Ying-Yu Tzou 51109
Hsiu, L., Witsulski, A.F. A geometrical core constant approach to integrated magnetics design 9351
Hsiu Chang Yu *see* Yu Hsiu Chang
Hsiu-Chih Lin *see* Chun-Li Hou 53066
Hsiu-Fung Cheng, Chen-Ti Hu, I-Nan Lin Influence of Pt, RuO_2 and $SrRuO_3$ intermediate layers on characteristics of $(Sr_{0.5})Ba_{0.5}Nb_2O_6$ thin films 32682
Hsiu-Fung Cheng, Gong-Shing Chiou, Kou-Shung Liu, I-Nan Lin MIM and MIS electret response of laser deposited $Sr_xBa_{1-x}Nb_2O_6$ thin films 54953
Hsiu-Wen Chen, Huihua Kenny Chiang, Shu-Chuen Lin, Jen-Her Lu, Win-Li Lin Color Doppler flow imaging time distortion correction techniques and its quantitative flow velocity calculation errors 7902
Hsiu-Yun Hsu *see* Fong-Chin Su 7900
Hsiung, G.Y., Huang, J.R., Shyy, J.G., Wang, D.J., Chen, J.R., Liu, Y.C. Vacuum performance of the Synchrotron Radiation Research Center 1.3 GeV synchrotron light source 17962
Hsiung, J.-C. *see* Pearson, R.A. 39782
Hsiung Chen Chun *see* Chun Hsiung Chen
Hsiung Chou *see* Hone-Zern Chen 3282
Hsiung-Kuang Tsai *see* Ching-Lin Fan 12946
Hsu, C. *see* Szu, H. 21855
Hsu, C. C. *see* Lei Huang 32215
Hsu, C.C., Gobovic, D., Zaghloul, M.E., Szu, H.H. Chaotic neuron models and their VLSI circuit implementations 1656
Hsu, C.C. *see* Chan, P.T. 36586
Hsu, C.C. *see* Ji Hang 32209
Hsu, C.C. *see* Nghiem, S.V. 38078
Hsu, C.C. *see* Szu, H.H. 60028
Hsu, C.C.-H. *see* Lin, C.-J. 1344
Hsu, C.C.-H. *see* Lin, C.-J. 53280
Hsu, C.C.-H. *see* Yih, C.M. 12976
Hsu, C.Ching-Hsiang *see* Ching-Hsiang Hsu, C.
Hsu, C.H. *see* Chao, T.S. 54651
Hsu, C.M. *see* Ku, Y.S. 27250
Hsu, C.S. *see* Huang, S.L. 23835
Hsu, C.S. *see* Xianggang Yu 46197
Hsu, D. *see* Rotman, S.R. 8649
Hsu, D. *see* Rotman, S.R. 19011
Hsu, D.S.Y., Gray, H.F. Vertical thin-film-edge field emitters: fabrication by chemical beam deposition, imaging of cathodoluminescence and characterization of emission 41741
Hsu, E. *see* Chao-An Li 60335
Hsu, F.-L., Hummer, F.A., Smith, J.D.H. Logarithms, syndrome functions, and the information rates of greedy loop transversal codes 34613
Hsu, F.F., Rudnick, E.M., Patel, J.H. Testability insertion in behavioral descriptions 1088
Hsu, F.F., Rudnick, E.M., Patel, J.H. Enhancing high-level control-flow for improved testability 11354
Hsu, H.P. *see* Negri, A.J. 47925
Hsu, H.P. *see* Ng, W. 58358
Hsu, H.P. *see* Wang, H.T.M. 58361
Hsu, I., Walrand, J. Admission control for multi-class ATM traffic with overflow constraints 5764
Hsu, I., Walrand, J. Dynamic bandwidth allocation for ATM switches 25877
Hsu, I.C., Cha-Ching Chu, Chuan-Ing Yu Energy measurement of relativistic electron beams by laser Compton scattering 18053
Hsu, I.C., Chu Chaching, Chen, L.S., Chen, H.C., Cho, C.L. System design and computer simulation study involving the measurement of electron beam energy by laser Compton scattering 37090
Hsu, J. *see* Block, F.E., Jr 59537
Hsu, J.-T., Ngo, K.D.T. Behavioral modeling of the IGBT using the Hammerstein configuration 2639
Hsu, J.-T., Ngo, K.D.T. Application of field-based circuits to the modeling of magnetic components with hysteresis 53716
Hsu, J.-T., Ngo, K.D.T. A Hammerstein-based dynamic model for hysteresis phenomenon 55037
Hsu, J.C.M. *see* Ku, Y.S. 27291
Hsu, J.J. *see* Chen, C.-C. 31272
Hsu, J.S., Adams, D.J., Scudiere, M.B., Jenkins, S.M., Ott, G.W., Jr., McKeever, J.W., White, C.P., Marlino, L.D. Low-inertia axial-gap permanent-magnet motors 29241
Hsu, J.S., Kueck, J.D., Olszewski, M., Casada, D.A., Otaduy, P.J., Tolbert, L.M. Comparison of induction motor field efficiency evaluation methods 29339
Hsu, J.T., Ngo, K.D.T. Finite-element formulation of field-based subcircuits for modeling of magnetic components with hysteresis 53715
Hsu, J.W. *see* Liao, M.C.H. 52684
Hsu, J.W.P., McDaniel, E.B., Goldner, L.S., Tonucci, R.J., Shirley, E.L., Bryant, G.W. Probing optical mode structures in a photonic crystal using a near-field scanning optical microscope 55167
Hsu, J.W.P. *see* McDaniel, E.B. 43762
Hsu, J.W.P. *see* Yang, Y.T. 36597
Hsu, L. *see* Haller, E.E. 22230
Hsu, L. *see* Lu, P.F. 11278
Hsu, L.-S., Lo, C.-K., Yao, Y.-D., Yang, C.-S. SIMS and MOKE studies of Fe-Gd multilayers on Si 43672
Hsu, P. Power recovery property of electrical active suspension systems 29831
Hsu, R., Sumitomo, T., Harashima, H. Tube-based video coding 56674
Hsu, S. *see* Tannenbaum, B. 15899
Hsu, S.T. *see* Levy, R.A. 42687
Hsu, T.-R. A damage mechanics model for low cycle fatigue analysis of solder joints 30315
Hsu, T.C. *see* Chun, Y.S. 40355
Hsu, T.M. *see* Wang, D.P. 2016
Hsu, T.R., Bar-Cohen, A., Nakayama, W. *(editors)* Advances in Electronic Packaging 1995. Proceedings of the International Electronic Packaging Conference - INTERpack '95 20376
Hsu, W. *see* Lim, A. 35714
Hsu, W.Y. *see* Dixit, G.A. 2442
Hsu, W.Y. *see* Dixit, G.A. 42665
Hsu, W.Y. *see* Lu, J.P. 42617
Hsu Chia-Chen *see* Chia-Chen Hsu
Hsu Chih-Wei *see* Chih-Wei Hsu
Hsu Chiou-Ting *see* Chiou-Ting Hsu
Hsu Chung-Chi *see* Chung-Chi Hsu
Hsu Dahsiung, Zhang Yanchen, Pei Wen, Liu Shou, Zhang Xiangsu Recent developments of holography and government anti-piracy activities in China 44794
Hsu Dasiung *see* Yu Jianguo 44798
Hsu Dongsheng *see* Dongsheng Hsu
Hsu Feng-Yih *see* Feng-Yih Hsu
Hsu Guang-Hui *see* Guang-Hui Hsu
Hsu Hau-Jean *see* Hau-Jean Hsu
Hsu Hsiu-Yun *see* Hsiu-Yun Hsu
Hsu Jah-Ming *see* Jah-Ming Hsu
Hsu Juei Tsang *see* Juei Tsang Hsu
Hsu Jui-Chi *see* Jui-Chi Hsu
Hsu Jui-Ming *see* Jui-Ming Hsu
Hsu Ken Yuh *see* Ken Yuh Hsu
Hsu Ken-Yuh *see* Ken-Yuh Hsu
Hsu Kuang-Yu *see* Kuang-Yu Hsu
Hsu Pau-Lo *see* Pau-Lo Hsu
Hsu Po-Ching *see* Po-Ching Hsu
Hsu Ren-Huey *see* Ren-Huey Hsu
Hsu Ruey-Chang *see* Ruey-Chang Hsu
Hsu Shau-Wei *see* Shau-Wei Hsu
Hsu Shih-Hsiang *see* Shih-Hsiang Hsu
Hsu Tsun-Lai *see* Tsun-Lai Hsu
Hsu Wan-Pau, Lo Ming-Jer, Chu Yann-Fey Reactive power and voltage control of Taipei area dispatch control system 60239
Hsu Wei-Chou *see* Wei-Chou Hsu
Hsu Wen-Hsing *see* Wen-Hsing Hsu
Hsu Wen-Ko *see* Wen-Ko Hsu
Hsu Yarsun *see* Yarsun Hsu
Hsu Yaun-Chung *see* Yaun-Chung Hsu
Hsu Yen-Feng *see* Chang Chih-Sheng 50655
Hsu Yu-Chin *see* Yu-Chin Hsu
Hsu Yuan-Chieh *see* Yuan-Chieh Hsu
Hsu Yuan-Yih *see* Yuan-Yih Hsu
Hsue Ching-Wen *see* Ching-Wen Hsue
Hsueh, G.C., Reaves, C.M., DenBaars, S.P., Weinberg, W.H. Power spectral density analysis of strain-induced InP islands on GaInP/GaAs(100) 768
Hsueh, G.C. *see* Reaves, C.M. 12432
Hsueh, M.C. *see* Haiming Jin 54771
Hsueh, Y.-C. *see* Lee, Y.-G. 5251
Hsueh, Y.-T., Smith, R.L., Northrup, M.A. An electrochemiluminescence cell, microfabricated in silicon for amplified DNA quantification 27708
Hsueh Yu-Li *see* Yu-Li Hsueh
Hsueh Yuang-Cheh *see* Yuang-Cheh Hsueh
Hsueh-Ming Hang, Jiann-Jone Chen Source model for transform video coder and its application. I. Fundamental theory 56681
Hsueh-Ming Hang *see* Jiann-Jone Chen 56682
Hsun Yeh Ta *see* Ta Hsun Yeh
Hsung Tai-Chiu *see* Tai-Chiu Hsung
Hu, A., Ferrell, D., Hernandez, M. Miniature optic fiber couplers for fiber optic gyros application 27630
Hu, A., Green, E. Packaging of a micromachined self-aligning spatial filter 33211
Hu, A. *see* Kang, S.S. 13413
Hu, A.Q. *see* Su, J. 41379
Hu, C., Anselm, K.A., Streetman, B.G., Campbell, J.C. Noise characteristics of thin multiplication region GaAs avalanche photodiodes 13836
Hu, C. *see* Fujioka, H. 42342
Hu, C. *see* Hui Nie 23678
Hu, C. *see* Imai, K. 2806
Hu, C. *see* Lu, X. 22529
Hu, C. *see* Nguyen, K.B. 32401
Hu, C. *see* Sinitsky, D. 22846
Hu, C. *see* Sinitsky, D. 22849
Hu, C. *see* Tao, J. 2428
Hu, C.-K., Lee, K.L., Gupta, D., Blauner, P. Electromigration and diffusion in pure Cu and Cu(Sn) alloys 42743
Hu, C.-K., Lee, K.L., Gupta, D., Blauner, P. Electromigration and diffusion in pure Cu and Cu(Sn) alloys 42754
Hu, C.-K. *see* Noyan, I.C. 42796
Hu, C.-K. *see* Shaw, T.M. 42772
Hu, C.-K. *see* Wang, P.-C. 42739
Hu, C.C., Lin, M.H., Lee, M.K. Silicon doping of InP using modified flow rate modulation epitaxy 32158
Hu, C.C. *see* Ming-Kwei Lee 30766
Hu, C.K. *see* Kawasaki, H. 2445
Hu, D. *see* Oh, S.Y. 43240
Hu, D.Q. *see* Ustin, S.A. 10800
Hu, E. *see* Ying-Lan Chang 2383
Hu, E. *see* Ying-Lan Chang 54072
Hu, E.L., Ching-Hui Chen Dry etch damage in III-V semiconductors 42493
Hu, E.L. *see* Babic, D.I. 24003
Hu, E.L. *see* Caine, E.J. 49361
Hu, E.L. *see* Ching-Hui Chen 22568
Hu, E.L. *see* Ko, J. 55608
Hu, E.L. *see* Margalit, N.M. 44572
Hu, E.L. *see* Shi, S.S. 22886
Hu, E.L. *see* Strzelecka, E.M. 44157
Hu, E.L. *see* Yu, D.G. 22567
Hu, E.L. *see* Yu, D.G. 41936
Hu, F., Fan, P.Z., Darnell, M., Jin, F. Binary sequences with good aperiodic autocorrelation functions obtained by neural network search 56290
Hu, G. *see* Xiao, J.H. 5678
Hu, G.Y., O'Connell, R.F. Cotunneling in single-electron devices: effects of stray capacitances 22899
Hu, G.Y., O'Connell, R.F., Young Bong Kang, Jai Yon Ryu Transferring electrons one by one in single electron devices with long arrays of tunnel junctions 13038
Hu, H. *see* Zhang, J. 50039
Hu, J., Ahola, T., Ikonen, E., Riski, K. Frequency shift of iodine stabilized He-Ne laser at higher order harmonic stabilization 23733
Hu, J., Ikonen, E., Riski, K. Experimental investigation of the power shift of iodine-stabilized He-Ne lasers at 633 nm 55496
Hu, J.-Q. The departure process of the GI/G/1 queue and its MacLaurin series 10257
Hu, J.C. *see* Rodder, M. 43294
Hu, J.L. *see* Huang, Y.Z. 17882
Hu, J.M. Interfacial stress singularity analysis: a case study for plastic encapsulated IC packages 248
Hu, J.M. An empirical crack propagation model and its applications for solder joints 30311
Hu, J.M. Methodology of developing reliability validation tests for automotive electronics 39355
Hu, K. *see* Babu, S.R. 49872
Hu, K.X., Yeh, C.P., Wu, X.S., Wyatt, K. An interfacial delamination analysis for multichip module thin film interconnects 22111
Hu, K.X. *see* Huang, Y. 30208
Hu, L. *see* Farag, A.S. 51416
Hu, L. *see* Qiu, Z.Y. 984
Hu, L. *see* Yoko, T. 2293
Hu, L.-R., Rappaport, S.S. Adaptive location management scheme for global personal communications 47684
Hu, L.Q. *see* Chen, H. 22295
Hu, L.Q. *see* Huang, X.D. 54360
Hu, L.Q. *see* Liu, J.L. 12418
Hu, M. *see* Howard, J. 11946
Hu, M.-C. *see* Jang, S.-L. 54561
Hu, M.H., Huang, J.Z., Scarmozzino, R., Levy, M., Osgood, R.M., Jr. A low-loss and compact

waveguide Y-branch using refractive-index tapering 23540
Hu, N.-C., Jeng, C.-Y. Fast computation of two-dimensional circular convolution 45928
Hu, P.Jen-Hwa *see* Jen-Hwa Hu, P.
Hu, Q., Panchanathan, S. A comparative evaluation of spatial scalability techniques in the compressed domain 15501
Hu, Q., Panchanathan, S. Encoding scaled MPEG video in compressed domain 57359
Hu, Q.-H., Johansson, L.-G., Langer, V., Chen, Y.F., Claeson, T., Ivanov, Z.G., Kislinski, Yu., Stepantsov, E.A. Josephson transport in Tl-cuprate bicrystal weak links 32914
Hu, S. *see* Hollkott, J. 23415
Hu, S. *see* Wei, W. 15782
Hu, S.J., Roan, C. Change patterns of time series-based control charts 10181
Hu, W.-C. *see* Schmalz, M.S. 15771
Hu, W.S., Liu, Z.G., Feng, D. The role of an electric field applied during pulsed laser deposition of $LiNbO_3$ and $LiTaO_3$ on the film orientation 863
Hu, W.S., Liu, Z.G., Feng, D. Oriented growth of ferroelectric thin films in an in situ applied low electric field 52830
Hu, W.S., Liu, Z.G., Sun, J., Guo, X.L., Yang, Z.J., Shi, L.J., Feng, D. Pulsed laser reactive ablation of (0001)-textured ZnO optical waveguiding films on α-SiO_2 10841
Hu, W.S., Liu, Z.G., Wu, Z.C., Feng, D. Comparative study of laser ablation techniques for fabricating nanocrystalline SnO_2 thin films for sensors 873
Hu, W.S. *see* Guo, X.L. 52807
Hu, W.Y. *see* Zhong, L. 60719
Hu, X. *see* Chen, D.Z. 13075
Hu, X.B. *see* Liu, W.J. 32984
Hu, X.F. *see* Dadap, J.I. 24259
Hu, X.Q. *see* Ohshima, Y. 18083
Hu, X.S., Greenwood, G., D'Ambrosio, J.G. An evolutionary approach to hardware/software partitioning 11388
Hu, Y., Chen, S. Dual-wavelength operation of digital spatial domain multiplexed fibre sensor arrays for dynamic strain monitoring 17422
Hu, Y. *see* Chen, S. 48636
Hu, Y. *see* Lan, Y.C. 12091
Hu, Y. *see* Tian, Y. 32338
Hu, Y.F., Sheriff, R.E. Estimation of traffic capacity for the satellite component of UMTS 6702
Hu, Y.F., Sheriff, R.E. The potential demand for the satellite component of the Universal Mobile Telecommunication System 58198
Hu, Y.F. *see* Efthymiou, N. 47852
Hu, Y.F. *see* Pan, H. 26667
Hu, Y.G. *see* Xia, A.D. 2498
Hu, Y.H. *see* Cohen, K.P. 59660
Hu, Y.H. *see* Yeo, H. 25428
Hu, Y.M. *see* Huang, J.C.A. 30824
Hu, Y.Q., Cheng, K.W., He, D.H., Mo, W.K. Simulation and analysis of high-frequency low-profile inductors 31547
Hu, Y.Q. *see* Cheng, K.W. 31549
Hu, Y.T., Chen, Z., Spooner, E. Evolutionary design of permanent-magnet machines 19692
Hu, Y.Z., Yang, G.-R., Chow, T.P., Gutmann, R.J. Chemical-mechanical polishing of PECVD silicon nitride 42440
Hu, Y.Z. *see* Firon, M. 52771
Hu, Z., King, G., Al-Dabass, D. Implementation of one bit delay 2-D IIR digital filters 1597
Hu, Z., Wang, W., Yang, C., Ma, S. A framework for the design of new line parametrizations 35334
Hu, Z.W., Thomas, P.A., Risk, W.P. Periodic domain inversion in poled $KTiOPO_4$ via high-resolution X-ray topography and diffraction-space mapping 2925
Hu, Z.Y. *see* Wang, G.S. 19821
Hu Baoxin *see* Baoxin Hu
Hu Bo-Ping *see* Bo-Ping Hu
Hu Changqing, Peng Lei, Yang Xuejun, Huang Zailu A new designed scheme for multi-conference service based on the digital program switching system 58073
Hu Changzhen, Tan Huimin Principle of multisensor fuzzy stochastic fusion and its neural network implementation 45979
Hu Changzhen, Tan Huimin Fractal data fusion of multisensor detection system 45980
Hu Chen-Ti *see* Chen-Ti Hu
Hu Cheng Design of the digital switch delay circuit 53390
Hu Chenming *see* Chenming Hu
Hu Chieh *see* Chen Jyhchen 10587
Hu Chimin *see* Chimin Hu
Hu Chun *see* Chun Hu
Hu Dongcheng *see* Dongcheng Hu
Hu Dongliang *see* Ye Xiangyun 5263
Hu Fangming *see* Yan Yaoping 34852
Hu Guang-Da *see* Guang-Da Hu
Hu Guang-Di *see* Guang-Di Hu
Hu Guangda *see* Peng Zuoyan 48715
Hu Guangrui, Wu Suo, Zhu Jinbo An adaptive local searching algorithm for speech recognition using SOM neural network 14865
Hu Guangshu Discussion of some basic problems on sinusoidal signal sampling 56499
Hu Guo-Qing *see* Guo-Qing Hu
Hu GuoRong, Han LiTing, Han YueQiu, Mao ErKe ASICs design for an MTD radar 58445
Hu Guorong, Hou Chaohuan, Sun Yonggong A VLSI-oriented RLS adaptive filter algorithm and implementation 1610
Hu Hengzhang *see* Chen Ping 39882
Hu Hiep Pham *see* Hiep Pham Hu
Hu Hongtao, Du Lunin Temporal pre-classification for Chinese voiceless consonant speech 56409
Hu Hongzhang, Zhao Ci, Zhan Yangqin Resonant acoustooptic coupling in $LiNbO_3$ waveguides and its application for measurement of phase velocity of SAW 3427
Hu Huanling *see* Huanling Hu
Hu Hui *see* Hui Hu
Hu Huijun *see* Lin Xiangning 50445
Hu Huntao *see* Huntao Hu
Hu Hwai-Tsu *see* Hwai-Tsu Hu
Hu Jiandong *see* Li Xingming 14789
Hu Jiandong *see* Zheng Zhaohui 6508
Hu Jiandong *see* Jiandong Hu
Hu Jianhao, Wu Shiqi, Feng Gang Constellation design for a LEO mobile satellite communication system of China 6685
Hu Jianming *see* Jianming Hu
Hu Jianying *see* Jianying Hu
Hu Jifan *see* Pan Hongge 23296
Hu Jin-Lin *see* Jin-Lin Hu
Hu Jingyu *see* Li Wei 56811
Hu Jingyu *see* Yuan Xin 53271
Hu Jinhong *see* Sun Dongsong 36264
Hu Jinxiu Study on electric power metering management system 28871
Hu Jun *see* Jun Hu
Hu Kunsheng *see* He Junfang 23659
Hu Lihua *see* Lihua Hu
Hu Lizhong *see* Sun Hongbo 14191
Hu Lizhong *see* Sun Hongbo 44441
Hu Ming *see* Zhang Zhisheng 17319
Hu Ming *see* Ming Hu
Hu Po-chi *see* Po-chi Hu
Hu Qifan *see* Cui Xiang 51081
Hu Qing *see* Qing Hu
Hu Qing-Ping *see* Qing-Ping Hu
Hu Qingyang *see* Qingyang Hu
Hu Qiquan *see* Zheng Chaosi 3790
Hu Renlan *see* Li Xin 59304
Hu Rongfang *see* Zhang Enhuai 60921
Hu Ruiying *see* Zhao Yunlong 37476
Hu Saigui *see* Saigui Hu
Hu Shoufeng *see* Shoufeng Hu
Hu Shungeng *see* Shungeng Hu
Hu Sizheng *see* Chen Gelin 8567
Hu Suxing *see* Suxing Hu
Hu Teck-Hon *see* Teck-Hon Hu
Hu Wanping *see* Wanping Hu
Hu Wei, Liu Dongfeng, Chen Guofu, Wang Xianhua, Hou Xun Laser frequency upconversion from 1.313 μm into 780 nm in Er^{3+}-doped and Er^{3+}/Yb^{3+}-doped germanosilicate single-mode optical fibers 33714
Hu Wei, Liu Dongfeng, Wang Yuncai, Chen Guofu, Wang Xianhua, Hou Xun Generation of multi-wavelength visible light in Er^{3+}-doped single-mode optical fiber pumped at 1313 nm 14015
Hu Weiguo *see* Cao Pengzhi 58432
Hu Wenlong, Mao Shiyi A joint probabilistic data association algorithm for multisensor multitarget tracking 15206
Hu Wenlong, Mao Shiyi An optimal approach for multisensor data association in low SNR environment 27445
Hu Wentao *see* Wentao Hu
Hu Wu-Chih *see* Wu-Chih Hu
Hu Xiao-Yu *see* Xiao-Yu Hu
Hu Xiaoning, Fang Jiaxiong Carrier concentration distribution and performance of overlap photoconductive detector 7350
Hu Xiaoning *see* Zhou Jie 12280
Hu Xiehe *see* Gu Yong 61327
Hu Xiheng *see* Xiheng Hu
Hu Xin *see* Shan Bing 17472
Hu Xiongwei *see* Wang Xiaojun 22401
Hu Xuecheng, Jin Shuman A floating-point array signal processing system with TMS320C30 53331
Hu Xuhong *see* Xuhong Hu
Hu Xuzhou Component analyses of semiconductive ceramic moisture sensor 7273
Hu Yan Rui The development of the precise standard cell that can be upset down 17173
Hu Yeu-Jent *see* Yeu-Jent Hu
Hu Yi *see* Yi Hu
Hu Yin *see* Yin Hu
Hu Yongxuan *see* Ji Yanchao 38842
Hu Yongxuan *see* Ji Yanchao 50382
Hu Yu Hen *see* Yu Hen Hu
Hu Yu-Shu *see* Yu-Shu Hu
Hu Yun-Chao *see* Yun-Chao Hu
Hu Zhanyi, Ma Songde Performance prediction of the Hough transform 35048
Hu Zheng-Feng *see* Zheng-Feng Hu
Hu Zhengrong, Huang Qiwen, Liu Minghui, Tian Jin Research on characteristics of reflection-type GaAs optoelectronic microwave switching 41394
Hu Zhihua *see* Zhihua Hu
Hu Zhijian *see* Zhijian Hu
Hu Zhiren *see* Zhao Futao 38507
Hu Zhu Wen *see* Zhu Wen Hu
Hu Zhuyuan *see* Zhuyuan Hu
Hu Zi-Long *see* Liu Wen-Hua 9496
Hu-Gon Kim *see* Sung-Hark Chung 26882
Hu-Gon Kim *see* Young-Soo Myung 58304
Hu-Shan Xu *see* Xu Hu-Shan
Hua, C.G. *see* Kozlov, V. 24157
Hua, C.Y., McDonald, L.C., Hartwig, K.T. Eddy current decay resistivity measurements using a digital voltmeter 58955
Hua, D. *see* Celata, C.M. 60027
Hua, G.-C. *see* House, J.L. 789
Hua, P. *see* Dong, L. 16698
Hua, P.-F. *see* Sarantites, D.G. 37271
Hua, S.Z. *see* Lashmore, D.S. 40497
Hua, T. *see* Wang, R. 7232
Hua, Y. *see* Abed-Meraim, K. 24614
Hua, Y. *see* Abed-Meraim, K. 56536
Hua, Y. *see* Ikram, M.Z. 56255
Hua Chen, Van Huffel, S., Vandewalle, J. State-space based approximation methods for the harmonic retrieval problem in the presence of known signal poles 25131
Hua Chen, Van Huffel, S., Vandewalle, J. Improved methods for exponential parameter estimation in the presence of known poles and noise 56580
Hua Chen *see* Billinton, R. 19651
Hua Chihchiang *see* Chihchiang Hua
Hua Fan *see* Fan Hua
Hua Feng *see* Feng Hua
Hua Guichao *see* Guichao Hua
Hua Han Li *see* Han Li Hua
Hua Jianwen *see* Jianwen Hua
Hua Jiawen *see* Jiawen Hua
Hua Lee *see* Silkaitis, J.M. 6991
Hua Li RF-modulation measurement of linewidth enhancement factor and nonlinear gain of vertical-cavity surface-emitting lasers 14146
Hua Li, Bossert, D. Measurements of linewidth enhancement factor and nonlinear gain of vertical cavity surface emitting lasers 33483
Hua Li, Xinqiao Wang, Hersee, S.D. The measurement of lateral index variations in unstable resonator semiconductor lasers from spectrally resolved near-field images 23909
Hua Li *see* Li Hua
Hua Lu, Cui, Y.D., Qin, J., Bao, C.L., Shen, D.H. Auger electron depth profiling of the Cr/Al_2O_3 metallization system 2447
Hua Luo, Giardina, C.R. Sampling theorems and wavelet filter banks 4794
Hua Ren, D. *see* Watson, A. 32604
Hua Renzhong, Qian Liejia, Deng Ximing Influence of thin dispersive medium on ultrashort pulsed Gaussian beams in the far field 3964
Hua Renzhong, Qian Liejia, Fan Dianyuan, Deng Ximing Spatial and temporal characteristics of ultrashort pulsed Gaussian beams in the far field 3961
Hua Renzhong *see* Renzhong Hua
Hua Shenghua *see* Chen Shi 56812
Hua Shounan *see* Shounan Hua
Hua Su *see* Hing-yan To 2772
Hua Su *see* Ruowen Rong 44972
Hua Wang Zi *see* Zi Hua Wang
Hua Wu *see* Ying-Yu Tzou 51665
Hua Xiao *see* Chi Chung Wong 45272
Hua Yan *see* Yan Hua
Hua Yang, H., Eng Siong Chng An on-line learning algorithm for blind equalization 25190
Hua Yang, H. *see* Eng-Siong Chng 25191
Hua Yingbo *see* Yingbo Hua
Hua Yu, Qian Chen, Gang Xu, Yachida, M. 3D shape and motion by SVD under higher-order approximation of perspective projection 5110
Hua Zhao *see* Zhongxiang Zhou 14309
Hua Zhao *see* Zhao Hua
Hua Zong *see* Zong Hua
Hua-Ching Tong, Rottmayer, R. The effect of plating field on head wiggle noise reductions 32853
Hua-Ching Tong *see* Jian-Gang Zhu 32847
Hua-Gang Wang *see* Hashiguchi, S. 18552
Hua-Quen Tserng *see* Hill, D. 42945
Hua-Quen Tserng *see* Ming-Yih Kao 43153
Hua-Tsung Su *see* Su Hua-Tsung
Hua-Yu Liu *see* Crid Yu 2493
Huabei Jiang, Paulsen, K.D., Osterberg, U.L., Patterson, M.S. Frequency-domain optical image reconstruction in turbid media: an experimental study of single-target detectability 37656
Huabing Wang *see* Wang Huabing
Huadong Guo *see* Guo Huadong
Huadong Qou *see* Qou Huadong
Huafeng Zhao *see* Zhao Huafeng
Huafun Zheng *see* Shuqun Shen 44816
Huai Li *see* Jyh-Shyan Lin 28142
Huai Yin Qi *see* Qi Huai Yin
Huaichun Zhou *see* Zhou Huaichun
Huaidong Li *see* Wei Qian 59560
Huaidong Liu *see* Liu Huaidong
Huaijiang Yang *see* Yang Huaijiang
Huaijin Chen *see* Chen Huaijin
Huaimin Liu *see* Liu Huaimin
Huaiqun Guan Multilevel algebraic reconstruction technique for X-ray computed tomography 37749
Huaiwu Zhang *see* Zhang Huaiwu
Huaiyi Jin *see* Jin Huaiyi
Huaiyuan Yu *see* Bhandakar, S.M. 53346
Huaizhe Xu *see* Xu Huaizhe
Huajian Gao *see* Ozkan, C.S. 2079
Huajian Zhang *see* Zhang Huajian
Huajie Chen *see* Gubo Li 2352
Huajing Fu *see* Hatamoto, C. 6455
Huajing Zhai *see* Zhai Huajing

Huajun Tang, Taboada, J.M., Guohua Cao, Liqiang Li, Chen, R.T. Enhanced electro-optic coefficient of nonlinear optical polymer using liquid contact poling 32981
Huajun Tang *see* Li, R.L.Q. 13674
Hualiang Fu *see* Fu Hualiang
Huaman, M. *see* Balsley, B.B. 56041
Huamao Lin *see* Yang Cao 54901
Huamao Lin *see* Lin Huamao
Huamin Liu, Makis, V. Cutting-tool reliability assessment in variable machining conditions 30194
Huamin Tao *see* Shunping Xiao 6926
Huamin Tao *see* Shunping Xiao 8647
Huamin Tao *see* Xuesong Wang 6927
Huamin Tao *see* Xuesong Wang 8648
Huan, A.C.H. *see* Wee, A.T.S. 2449
Huan, C.H.A. *see* Pan, J.S. 12772
Huan, C.H.A. *see* Pan, J.S. 32150
Huan, W.-I. *see* Yang, I.-J. 19518
Huan Hou Chao *see* Hou Chao Huan
Huan Junqing *see* Junqing Huan
Huan Wu, Yongkang Jia, Zheng Bao Direction finding and array calibration based on maximal set of nonredundant cumulants 24948
Huan Wu *see* Wu Huan
Huan-Chao Keh *see* Shih, T.K. 26361
Huan-Chu Chen *see* Fei Lu 33077
Huan-Chu Chen *see* Chen Huan-Chu
Huan-Sheng Hwang *see* Nuteson, T.W. 53554
Huan-Wen Tzeng The design of distance-learning service creation environment 20700
Huanchu Chen *see* Chen Huanchu
Huanchun Zhang *see* Zhang Huanchun
Huang, A. *see* Peng, G. 5460
Huang, C., Celik, M., Prince, J.L. Simultaneous switching noise simulation for thin film packages using macromodeling technique 199
Huang, C. *see* Donnelly, K.S. 11610
Huang, C. *see* Xie, X. 57745
Huang, C.-H., McCaughan, L. 980-nm-pumped Er-doped $LiNbO_3$ waveguide amplifiers: a comparison with 1484-nm pumping 44415
Huang, C.-L. *see* Tsai, I.-W. 26412
Huang, C.-Y. *see* McLenaghan, A.J. 20898
Huang, C.B., Xiong, Y.P., Cao, L.X., Cao, X.J. Possibility and advantages of an anodic-type inhibitor for Zn/MnO_2 dry batteries 29527
Huang, C.H. *see* Li, S.S. 39070
Huang, C.H. *see* Pavier, M.A. 33244
Huang, C.I. *see* Liou, J.J. 32384
Huang, C.I. *see* Liou, J.J. 53046
Huang, C.I. *see* Liou, L.L. 42939
Huang, C.I. *see* Zhou, W. 22763
Huang, C.M. *see* Chuang, F.Y. 53932
Huang, C.T. *see* Yen, W.C. 55553
Huang, C.X., Zhang, B., An-Chang Deng, Swirski, B. The design and implementation of PowerMill 21441
Huang, C.Y.D. *see* Chitale, S.M. 53703
Huang, D., Manasreh, M.O. Exchange interaction effect on the dark current in n-type $Al_xGa_{1-x}As$/GaAs multiple quantum wells infrared detectors 36551
Huang, D., Manasreh, M.O., Gumbs, G. Reply to "Comment on 'Many-body analysis of the effects of electron density and temperature on the intersubband transition in $GaAs/Al_xGa_{1-x}As$ multiple quantum wells' " 2053
Huang, D. *see* Manasreh, M.O. 42177
Huang, D.-J. *see* Ting, J.W. 1189
Huang, D.J.-H. *see* Fukunaga, A.S. 2785
Huang, D.R. *see* Yao, Y.D. 3262
Huang, D.R. *see* Yao, Y.D. 43729
Huang, F. *see* Cantor, S.E. 52744
Huang, F. *see* Wang, H.L. 13874
Huang, F.Y., Alt, K., Wang, K.L. Characterization of GeSi/Si strained layer superlattice avalanche photodiode 33268
Huang, F.Y., Thomas, S.G., Chu, M., Wang, K.L., Theodore, N.D. Epitaxial SiGeC/Si photodetector with response in the 1.3-1.55 μm wavelength range 48544
Huang, G., Jin, G., Wu, M., Yan, Y. A novel method for recognizing the moving object 15801
Huang, G. *see* Zhou, F. 23870
Huang, G.M., Shih-Chieh Hsich An optimal power delivery problem in deregulated open access environments 8849
Huang, G.M. *see* Shan Zhu 35457
Huang, G.W., Chen, L.P., Chou, C.T., Chen, K.M., Tseng, H.C., Tasi, W.C., Chang, C.Y. Low temperature epitaxy of Si and $Si_{1-x}Ge_x$ by ultrahigh vacuum-chemical molecular epitaxy 30748
Huang, H., Diaz de la Rubia, T., Fluss, M.J. A molecular dynamics study of Cu segregation to the $\Sigma 11$ $(1\bar{1}0)/(\bar{1}13)(113)$ grain boundary in Al 54502
Huang, H. *see* Guo, Z.B. 32781
Huang, H. *see* Wieman, H. 59275
Huang, H.-C. *see* Lin, Y.-S. 16501
Huang, H.C. *see* Chang, S.K. 8722
Huang, H.C. *see* Chih-Lin I. 47369
Huang, H.C. *see* Iijima, T. 37238
Huang, H.C. *see* Sun, X.W. 2063
Huang, H.J., Yang, K.T., Nee, V.W. Simulation of forced air cooling of a discrete heat source in an open enclosure by zero-mean oscillatory flows 30291
Huang, H.K. *see* Wong, S.T.C. 15431
Huang, H.T. *see* Lin, C.T. 27576
Huang, J. A high-gain circularly polarized Ka-band microstrip reflect array 45430
Huang, J., Tho-Le Ngoc, Hayes, J.F. Broadband satcom system for multimedia services 6679
Huang, J., Wu, K. A parameter extraction technique for solving complex resonance problems using the transmission line matrix algorithm 53537
Huang, J. *see* Bala, J. 5631
Huang, J. *see* Gutta, S. 57378
Huang, J. *see* Mehrvar, H.R. 16004
Huang, J. *see* Vacchione, J. 34326
Huang, J. *see* Yun, Z.Q. 44867
Huang, J. *see* Yun, Z.Q. 44926
Huang, J.-C. *see* Gill, G.S. 26945
Huang, J.-H. *see* Martinez, M.J. 43120
Huang, J.-H. *see* Su, S.-L. 16590
Huang, J.-R., Ford, H.D., Tatam, R.P. Source modulation for phase shifting in static and dynamic speckle shearing interferometry 36927
Huang, J.-R., Ford, H.D., Tatam, R.P. Slope measurement by two-wavelength electronic shearography 48866
Huang, J.C.A., Wang, T.E., Yu, C.C., Hu, Y.M., Lee, P.B., Yang, M.S. Epitaxial growth and characterization of (100) and (110) permalloy films 30824
Huang, J.H. Thermoelastic field induced by ellipsoidal inhomogeneities in composite materials 30980
Huang, J.H., Tehrani, S., Durlam, M., Martinez, M.J., Schirmann, E., Cody, N. NiGeW ohmic contacts on GaAs heterostructure epitaxial layers 42284
Huang, J.H., Wen-Shyong Kuo The analysis of piezoelectric/piezomagnetic composite materials containing ellipsoidal inclusions 32653
Huang, J.H., Yu, J.S. Electroelastic Eshelby's tensors for transversely isotropic piezoelectric inclusions 32674
Huang, J.R. *see* Hsiung, G.Y. 17962
Huang, J.S. The power of law: legal considerations for protecting intellectual property rights in China 52064
Huang, J.S., Tu, K.N. Novel dopant activation of heavily doped p^+-Si by high current densities 12642
Huang, J.T. *see* Guo, W.H. 42263
Huang, J.W., Bray, K.L., Kuech, T.F. Compensation of shallow impurities in oxygen-doped metalorganic vapor phase epitaxy grown GaAs 2316
Huang, J.Y. *see* Iyer, A.N. 55081
Huang, J.Z. *see* Hu, M.H. 23540
Huang, K. *see* You, H. 42436
Huang, K.C. *see* Kan-Yuan Lee 54644
Huang, K.H. *see* Chang, S.J. 23700
Huang, K.J. *see* Postrekhin, E.V. 13489
Huang, L., Weiss, D., Rausch, M. Effects of on-package decoupling on microprocessor power delivery design 39811
Huang, L. *see* Glezer, E.N. 32993
Huang, L.J., Lau, W.M., Tang, H.T., Lennard, W.N., Mitchell, I.V., Landheer, D., Baribeau, J.-M., Ingrey, S. Structure of the SiN_x/GaAs(110) interface modified with ultrathin Si and sulfur passivation 54288
Huang, L.J. *see* Rajesh, K. 42506
Huang, L.Y. *see* Yin, S.C. 7074
Huang, M. Power analysis toward ASIC solution 54770
Huang, M., Aaron, R., Shiffman, C.A. Maximum entropy method for magnetoencephalography 18317
Huang, M.-F., Garmire, E., Hasenberg, T., Koehler, S. InAs/GaAs short-period strained-layer superlattices grown on GaAs as spatial light modulators: uniformity measurements 33133
Huang, M.B., Mitchell, I.V. Boron redistribution in a shallow δ-doped Si structure after solid phase epitaxial growth 739
Huang, M.B., Simpson, T.W., Mitchell, I.V. Effects of phosphorus doping on boron transient enhanced diffusion in silicon 41832
Huang, M.Q. *see* Nie, J.C. 13484
Huang, N. *see* Wu, Y.Z. 17878
Huang, N.-F., Sheu, S.-T. A waste-free congestion control scheme for dual bus high-speed networks 35735
Huang, P. *see* Chen, G. 26968
Huang, P.-P. *see* Chen, Y.C. 53672
Huang, P.Y., Sakamoto, K., Wang, K.L., Trinh, P., Jalali, B. Epitaxial SiGeC waveguide photodetector grown on Si substrate with response in the 1.3-1.55-μm wavelength range 27575
Huang, Q., Ashley, P.R. Holographic Bragg grating input-output couplers for polymer waveguides at an 850-nm wavelength 44749
Huang, Q. *see* Chen, H. 30793
Huang, Q. *see* Chen, H. 42025
Huang, Q. *see* Piazza, F. 41012
Huang, R., Ma, J., Tsuboi, E. Communication network design via a genetic algorithm-based learning algorithm 57686
Huang, S., Jian Luo, Leonardi, F., Lipo, T.A. A general approach to sizing and power density equations for comparison of electrical machines 29250
Huang, S. *see* Berger, S. 36623
Huang, S. *see* Liu, G. 58440
Huang, S. *see* Measures, R.M. 48572
Huang, S. *see* Meng, A. 36642
Huang, S. *see* Wu, X. 46771
Huang, S. *see* Yang, J. 26955
Huang, S.C. *see* Yang, J. 28235
Huang, S.C. *see* Yang, J. 28240
Huang, S.H., Zou, X.Y., Willner, A.E., Bao, Z., Smith, D.A. Experimental demonstration of active equalization and ASE suppression of three 2.5-Gb/s WDM-network channels over 2500 km using AOTF as transmission filters 33168
Huang, S.H. *see* Hwang, S.-M. 26807
Huang, S.L., Kao, F.J., Liu, L.R., Hsu, C.S. Frequency-offsetted cavity-length control loop in a diode-laser-pumped and actively mode-locked Nd:YLF laser 23835
Huang, S.R. Application of optimum stratified sampling and separate ratio estimation in stochastic copper loss of transmission system evaluation 60345
Huang, S.R. Effectiveness of optimum stratified sampling and estimation in Monte Carlo production simulation 60465
Huang, S.R. *see* Yang, S.Y. 48055
Huang, S.T. *see* Christenson, D.A. 16138
Huang, S.Y. *see* Ohn, M.M. 48575
Huang, T.-S. *see* Bering, E.A., III 8458
Huang, T.-W. *see* Chen, Y.C. 53672
Huang, T.F., Tuncel, E., Yeo, J.S., Harris, J.S., Jr. Growth of epitaxial GaN films using ZnO buffer layer by pulsed laser deposition 21311
Huang, T.M. *see* Chen, Y.F. 44422
Huang, T.S., Li-An Tang 3-D face modeling and its applications 15664
Huang, T.S., Stroming, J.W., Kang, Y., Lopez, R. Advances in very low bit rate video coding in North America 5255
Huang, T.S. *see* Colmenarez, A. 56639
Huang, T.S. *see* Gharavi-Alkhansari, M. 56746
Huang, T.S. *see* Hai Tao 56923
Huang, T.S. *see* Jiebo Luo 56685
Huang, T.S. *see* Lew, M.S. 46485
Huang, T.S. *see* Li-an Tang 6012
Huang, T.S. *see* Sharma, R. 14947
Huang, T.S. *see* Yong Rui 56723
Huang, V.S.K. *see* Leung, Y.K. 22819
Huang, V.S.K. *see* Ying-Keung Leung 12990
Huang, W., Chu, Y.C., Rokhlin, S.L., Wright, P.K. Ultrasonic characterization of interphasial properties in sapphire/Haynes 214 composites 52918
Huang, W., Nakagawa, M. Channel coding with MPSK/orthogonal multi-carrier transmission 6604
Huang, W., Wang, Q., Dudley, M., Chiang, F.P., Parsons, J., Fazi, C. Synchrotron white beam topography studies of residual stress in SiC single crystal wafers with epitaxial thin films 725
Huang, W. *see* Antonuk, L.E. 28253
Huang, W. *see* Cheung, S.K. 31969
Huang, W. *see* Siewerdsen, J.H. 28252
Huang, W.-P. *see* Lui, W.W. 44055
Huang, W.-P. *see* Sarangan, A.M. 3826
Huang, W.K., Meyer, F.J., Lombardi, F. Array-based testing of FPGAs: architecture and complexity 21620
Huang, W.M. *see* Babcock, J.A. 41526
Huang, W.M. *see* Racanelli, M. 43263
Huang, W.M. *see* Shin, H.C. 42989
Huang, W.M. *see* Wetteroth, T. 22911
Huang, W.N., Tong, K.Y., Chan, P.W. Properties of chemically etched porous polycrystalline silicon deposited by r.f. sputtering 31801
Huang, W.N., Tong, K.Y., Chan, P.W. Photoluminescence in porous sputtered polysilicon films formed by chemical etching 44211
Huang, W.P., Xu, C.L., Lui, W.W., Yokoyama, K. The perfectly matched layer (PML) boundary condition for the simulation of guided-wave optical devices 23553
Huang, W.P. *see* Shams-Zadeh-Amiri, A.M. 33481
Huang, W.S. *see* Tanenbaum, D.M. 22701
Huang, W.T. *see* Chiang, K.H. 9917
Huang, W.V. *see* Weihua Zhuang 36010
Huang, X.D., Han, P., Chen, H., Zheng, Y.D., Hu, L.Q., Wang, R.H., Zhu, S.M., Feng, D. High phosphorus doping of epitaxial silicon at low temperature and very low pressure 54360
Huang, X.D., Mei-Yuh Hwang, Li Jiang, Mahajan, M. Deleted interpolation and density sharing for continuous hidden Markov models 15006
Huang, X.D. *see* Chen, H. 22295
Huang, X.G., Lee, W.K., Wong, S.P., Zhou, J.Y., Yu, Z.X. Effects of thermal lensing on stability and astigmatic compensation of a Z-fold laser cavity 23862
Huang, X.R. *see* Liu, W.J. 32984
Huang, Y., Hu, K.X., Yeh, C.P., Li, N.-Y., Hwang, K.C. A model study of thermal stress-induced voiding in electronic packages 30208
Huang, Y., Ma, Z., Mao, S. Stepped-frequency SAR system design and signal processing 16966
Huang, Y., Suter, B. On a nonlinear operator related to refinable function vectors 25166
Huang, Y. *see* Foster, C.M. 52794
Huang, Y. *see* Hong, W. 16953
Huang, Y. *see* Smith, L.L. 12542
Huang, Y. *see* Wang, S.X. 8655
Huang, Y. *see* Wu, R. 23571
Huang, Y. *see* Yoshizawa, H. 40921
Huang, Y.-F. *see* Toth, G. 31444
Huang, Y.H. *see* Moo, C.S. 39389
Huang, Y.M. Photoluminescence of copper-doped porous silicon 12137

Huang, Y.P. *see* Zheng, D.W. 32161
Huang, Y.S., Aronson, D.G. Discrete rotating wave solutions for system of globally coupled Josephson junctions 23417
Huang, Y.S. *see* Aronson, D.G. 32933
Huang, Y.S. *see* Chung, S.Y. 12278
Huang, Y.T. *see* Chiang, J.Y. 25345
Huang, Y.Z., Liu, H.M., Xiong, W.J., Hu, J.L., Cheng, B.S., Zhang, D.H., Jin, S., Chen, S.M., Fan, X.L., Ma, A.M., Ye, S.Z. Monte Carlo simulation of the Tau/charm factory at IHEP 17882
Huang, Z. *see* Ma, D.X. 54530
Huang, Z. *see* Xie, X. 57745
Huang, Z.C., Chen, J.C., Wickenden, D. Characterization of GaN using thermally stimulated current and photocurrent spectroscopies and its application to UV detectors 41984
Huang, Z.C., Chenc, J.C., Zheng, Y., Mott, D.B. Negative differential resistivity in GaN metal-semiconductor-metal photoconductors 12604
Huang, Z.C., Mott, D.B., Shu, P.K. Improvement of metal-semiconductor-metal GaN ultraviolet detectors 7364
Huang, Z.C., Mott, D.B., Shu, P.K., Chen, J.C., Wickenden, D.K. Improvement of metal-semiconductor-metal GaN photoconductors 54313
Huang A Tzer-Hsiang *see* A Tzer-Hsiang Huang
Huang Bingrong *see* He Youping 13536
Huang Biying *see* Biying Huang
Huang Bor-Yao *see* Bor-Yao Huang
Huang Chang *see* Chang Huang
Huang Chao-Hsing *see* Chao-Hsing Huang
Huang Chao-Hsiung *see* Chao-Hsiung Huang
Huang Chao-Ming *see* Chao-Ming Huang
Huang Chaoen *see* Shen Yuzhen 33462
Huang Chaoen *see* Wang Yingcai 10659
Huang Chaug-Ching *see* Chaug-Ching Huang
Huang Chen-Feng *see* Chen-Feng Huang
Huang Chen-Kai *see* Chen-Kai Huang
Huang Chen-Tang *see* Chen-Tang Huang
Huang Cheng Tung *see* Cheng Tung Huang
Huang Cheng-Liang *see* Cheng-Liang Huang
Huang Chi-Hung *see* Chi-Hung Huang
Huang Chia-Wen *see* Chen Chao-Shun 60318
Huang Chien-Chang *see* Chien-Chang Huang
Huang Chien-Hsiu *see* Chien-Hsiu Huang
Huang Chien-Yu *see* Chien-Yu Huang
Huang Chih-Yao *see* Chih-Yao Huang
Huang Chimoon *see* Chimoon Huang
Huang Ching Yao *see* Ching Yao Huang
Huang Ching-Lien *see* Ching-Lien Huang
Huang Chiung-Yi The developments of thyristor controlled series capacitor in the United States 60349
Huang Chiung-Yi *see* Chiung-Yi Huang
Huang Chong *see* Chong Huang
Huang Chun-Che *see* Chun-Che Huang
Huang Chun-Fu *see* Chun-Fu Huang
Huang Chun-Ming *see* Chun-Ming Huang
Huang Chun-Yao *see* Chun-Yao Huang
Huang Chun-Yueh *see* Chun-Yueh Huang
Huang Chung-Lin *see* Chung-Lin Huang
Huang Chung-Ming *see* Chung-Ming Huang
Huang Chunhui *see* Wang Kezhi 32097
Huang Dading, Qin Fuguang, Yao Zhenyu, Liu Zhikai, Ren Zhizhang, Lin Lanying, Gao Webin, Ren Qingyu Epitaxial growth of CeO_2 thin films on Si(111) by IBD 30803
Huang Dan *see* Dan Huang
Huang Danggui *see* Xia Shaowei 28993
Huang Danhong *see* Danhong Huang
Huang De-Xiang *see* De-Xiang Huang
Huang Dexiu *see* Huang Zhijian 3725
Huang Dexiu *see* Ruan Yinglan 33044
Huang Dexiu *see* Yu Guohua 44156
Huang Ding-Wei *see* Ding-Wei Huang
Huang Duen-Tay *see* Duen-Tay Huang
Huang Feili *see* Liu Shixiang 61277
Huang Feili *see* Qu Wenlong 60763
Huang Fengtai *see* Fengtai Huang
Huang Fukan *see* Wan Jianwei 16852
Huang Gang *see* Pang Deling 37475
Huang Ge *see* Ge Huang
Huang Genyu *see* Yen Sisong 50093
Huang Gongfan *see* Li Zhengdong 30728
Huang Gongfan *see* Gongfan Huang
Huang Guijin *see* Ding Gang 57725
Huang Guo-Wei *see* Guo-Wei Huang
Huang Guojian *see* Wang Jianhua 25323
Huang Guoqing *see* Cheng Wuzhu 4168
Huang Han Xiang *see* Fraas, L. 38991
Huang Han-Shen *see* Han-Shen Huang
Huang He *see* He Huang
Huang Ho-Chao *see* Ho-Chao Huang
Huang Hong *see* Hong Huang
Huang Hong-Ci *see* Hong-Ci Huang
Huang Hong-Yi *see* Hong-Yi Huang
Huang Hou-Sheng *see* Hou-Sheng Huang
Huang Hsiang-Chou *see* Hsiang-Chou Huang
Huang Huang-Chi *see* Huang-Chi Huang
Huang Hui-Hsun *see* Hui-Hsun Huang
huang Huijun Gbit/s high speed networks and its CRMA MAC protocol 16060
Huang Ing-Jer *see* Ing-Jer Huang
Huang Jean-Zen *see* Jean-Zen Huang
Huang Jen-Fa *see* Jen-Fa Huang
Huang Jen-Rong *see* Jen-Rong Huang
Huang Jeng-Ji *see* Jeng-Ji Huang
Huang Jeng-Sheng *see* Jeng-Sheng Huang
Huang Ji-jer *see* Ji-jer Huang
Huang Jian, Tu Guangyu, Chen Deshu Derivation-feedback nonlinear optimal excitation control of dual-excited synchronous generators 19115
Huang Jian, Tu Guangyu, Chen Deshu A fast varied step and conjugate gradient based BP algorithm [power system neurocontrol] 38285
Huang Jian, Yu Jihui, Tan Bangding, Rao Mingzhong, Yun Zhenqing The modification and discretization for H-ψ functional in three dimensional eddy current field 44946
Huang Jian-Hui *see* Jian-Hui Huang
Huang Jian-Jang *see* Jian-Jang Huang
Huang Jianhui *see* Jianhui Huang
Huang Jianjun, Xie Weixin Genetic algorithm based FAM designing 11402
Huang Jianjun *see* Huang Jingxiong 36228
Huang Jianren, Zhou Gongyu High order spectrum phase data for time delay estimation 56539
Huang Jiayu *see* Yan Lian 19045
Huang Jifu *see* Jifu Huang
Huang Jin-Song *see* Tian Wen-Jing 44258
Huang Jing *see* Jing Huang
Huang Jing-Song, Zhang Hai-Feng, An Hai-Yan, Tian Wen-Jing, Hou Jing-Ying, Chen Bai-Jun, Liu Shi-Yong, Shen Jia-Cong Blue electroluminescent diodes utilizing blends of poly(2,5-dibutoxyphenylene) in poly(N-vinylcarbazole) 44285
Huang Jing-Song *see* Chen Bai-Jun 55455
Huang Jingxiong, Xie Weixin, Huang Jianjun Radar target identification based on radio texture image 36228
Huang Jinsong *see* Jinsong Huang
Huang Jintao *see* Zhang Bingzhong 36883
Huang Juinn-Dar *see* Juinn-Dar Huang
Huang Jung-A *see* Jung-A Huang
Huang junnai *see* Li Wei 54736
Huang Kai *see* Kai Huang
Huang Keqin *see* Keqin Huang
Huang Kou Chin *see* Kou Chin Huang
Huang Kou-Shung *see* Kou-Shung Huang
Huang Lan *see* Ye Bo 53357
Huang Lee-Wen *see* Lee-Wen Huang
Huang Lei *see* Lei Huang
Huang Li-Chung *see* Li-Chung Huang
Huang Li-Ren *see* Li-Ren Huang
Huang Lin Gyi, Chen Xiao Dong, Xia Wu Yin, Zhu Ya Jiang, Pan Bang Fei, Li Jing, Wang Yu Hui VLSI chip design 53157
Huang Man-Fang *see* Man-Fang Huang
Huang Mao-Sheng *see* Mao-Sheng Huang
Huang Meichun *see* Chen Songyan 40462
Huang Meichun *see* Wang Xiaojun 22401
Huang Ming-Sheng *see* Zhang Jian 8289
Huang Mingqiang, Chen Lie, Wu Peijun, Yang Tao, Nie Jiacai, Liu Guirong, Zhao Bairu, Zhao Zhongxian, Xiong Xuming, Zhou Yueliang Bicrystal YBCO film DC SQUID 32908
Huang Nen-Fu *see* Nen-Fu Huang
Huang Pei-Hwa *see* Pei-Hwa Huang
Huang Peikang *see* Yin Hongcheng 16850
Huang Peikang *see* Peikang Huang
Huang Peiwei *see* Zheng Liping 28892
Huang Ping-Hue *see* Ping-Hue Huang
Huang Po-Chiun *see* Po-Chiun Huang
Huang Pujiang *see* Hong Xianlong 52984
Huang Qi *see* Chen Hong 786
Huang Qi *see* Zhang Man-Hong 41875
Huang Qi *see* Qi Huang
Huang Qian *see* Qian Huang
Huang Qiang *see* Qiang Huang
Huang Qijun *see* He Mincai 58742
Huang Qing-An *see* Qing-An Huang
Huang Qingan *see* Qin Ming 1919
Huang Qiongxiang *see* Zhang Huaxiao 30502
Huang Qiuhong *see* Zhao Yunlong 37476
Huang Qiuju *see* Qiuju Huang
Huang Qiuting *see* Qiuting Huang
Huang Qiwen *see* Hu Zhengrong 41394
Huang Renyuan *see* Renyuan Huang
Huang Rong-Fung *see* Rong-Fung Huang
Huang Ru *see* Ru Huang
Huang Ruey Shing *see* Ruey Shing Huang
Huang Runhe *see* Runhe Huang
Huang Shan-Hsi *see* Shan-Hsi Huang
Huang Shanglian *see* Shanglian Huang
Huang Shen-Nan *see* Shen-Nan Huang
Huang Sheng-Chieh *see* Sheng-Chieh Huang
Huang Shengguo *see* Ge Hongjuan 60913
Huang Shenghua *see* Shenghua Huang
Huang Shi-Yu *see* Shi-Yu Huang
Huang Shih-Chu *see* Shih-Chu Huang
Huang Shu, Tongwen Chen, Francis, B.A. Minimax design of hybrid multirate filter banks 1554
Huang Shu, Tongwen Chen, Francis, B.A. Minimax design of hybrid multirate filter banks 34731
Huang Shunji *see* Wu Xiaowen 16059
Huang Shunji *see* Shunji Huang
Huang Shyh-Jier *see* Shyh-Jier Huang
Huang Sung-Cheng *see* Sung-Cheng Huang
Huang Tai Yi *see* Tai Yi Huang
Huang Taiyi *see* Taiyi Huang
Huang Tian-Ren *see* Tian-Ren Huang
Huang Tiao-Yuan *see* Tiao-Yuan Huang
Huang Tizhi *see* Tizhi Huang
Huang Tong *see* Tong Huang
Huang Tong-Long *see* Tong-Long Huang
Huang Touchuan *see* Touchuan Huang
Huang Tsai Chi *see* Tsai Chi Huang
Huang Tsang-Sum *see* Tsang-Sum Huang
Huang Tsong-Liang *see* Tsong-Liang Huang
Huang Tsung-Chu *see* Tsung-Chu Huang
Huang Wei, Jiang Benyi A method of decomposition and coordination for reactive power planning in power systems 60326
Huang Wei, Zhang Yundong, Xiong Shengming The transient temperature distribution and thermal distortion of optical coating components under an annular high-power continuous wave laser radiation 24071
Huang Wei-Ping *see* Wei-Ping Huang
Huang Weidong *see* Weidong Huang
Huang Weikang *see* Feng Wenyi 53163
Huang Weikang *see* Yan Rongchang 53162
Huang Weiqin *see* Jiang Jianling 37299
Huang Weiyi *see* Song Aiguo 27442
Huang Weizhang *see* Weizhang Huang
Huang Wen Chang *see* Wen Chang Huang
Huang Wen-Shiao A study on the development trend of operation and maintenance of substations 51415
Huang Wen-Zhong, Liu Su-Ping, Peng Han-Sheng, Gu Yu-Qiu, Zhang Qi-Ren, Cai Yu-Qin, You Yong-Lu, Hong Wei, Li Yu-Tong, Chunyu Shu-Tai, Yang Shang-Jin, Zhang Chuan-Fei, Zhao Yong-Kuan, Wen Shu-Huai, Zhang Jie, Zhang Guo-Ping, Zhang Tan-Xin Ti X-ray laser shadowgraphy experiment 44354
Huang Xiao-Qin *see* Xia Yi-Ben 855
Huang Xiaofeng *see* Han Yuejin 28967
Huang Ximin *see* Ximin Huang
Huang Xinfan *see* Xinfan Huang
Huang Xingliang *see* Shen Wenzhong 32455
Huang Xingzhong *see* Xingzhong Huang
Huang Xuedong *see* Xuedong Huang
Huang Xuexiong *see* Xuexiong Huang
Huang Yabin *see* Yabin Huang
Huang Yang-Tung *see* Yang-Tung Huang
Huang Yann-Chang *see* Yann-Chang Huang
Huang Yanping, Jian Shuisheng, Pei Li A new optical fiber sensor with smart probe 17450
Huang Yao-Xiong *see* Yao-Xiong Huang
Huang Yen-Wen *see* Yen-Wen Huang
Huang Yeu-Chuen *see* Yeu-Chuen Huang
Huang Yeu-Jong *see* Yeu-Jong Huang
Huang Yi *see* Li Guohui 3595
Huang Yi *see* Yi Huang
Huang Yidong, Shigehisa Arai, Peng Jiangde, Zhou Bingkun Gain characteristics of $Ga_{1-x}In_xAs/GaInAsP/InP$ tensile-strained quantum well 14102
Huang Yih-Fang *see* Yih-Fang Huang
Huang Ying, Zheng Junli Application of artificial neural network in the link capacity control of ATM 57589
Huang Ying *see* Ying Huang
Huang Yinn-Nien *see* Yinn-Nien Huang
Huang Yizhuang Design of new comprehensive automation systems for substations 51414
Huang Yizhuang *see* Zhang Chuanli 51445
Huang Yong, Li Hongfu Numerical modeling of high harmonic complexed-cavity gyrotron through self consistent theory 53997
Huang Yongchang, Liu Wenhua, Zhu Dan Chinese advanced and cheap rechargeable battery. The development of the advanced rechargeable batteries in China 9495
Huang Yongzhang *see* Yongzhang Huang
Huang Yu, Yuan Baozong Robust motion estimation based on the modified LMedS 5198
Huang Yu *see* Yu Huang
Huang Yu-Chung *see* Yu-Chung Huang
Huang Yu-Jung *see* Yu-Jung Huang
Huang Yueh-Min *see* Yueh-Min Huang
Huang Yuejin *see* Yuejin Huang
Huang Yuguang *see* Yuguang Huang
Huang Yuh-Ming *see* Yuh-Ming Huang
Huang Yulin *see* Yulin Huang
Huang Yun *see* Wang Jian-Ming 53154
Huang Yun-Jin, Chi Xiao-Chun, Yang Jia-Xiang, He Yuan-Ji, Liu Ji Experimental observation on the charge density of transformer oil 32725
Huang Yunjia *see* Yang Qiru 32727
Huang Yuzhen *see* Yuzhen Huang
Huang Zailu *see* Ding Gang 57725
Huang Zailu *see* Hu Changqing 58073
Huang Zailu *see* Wang Ping 57764
Huang Zhan-Hua *see* Zhan-Hua Huang
Huang Zhaofeng *see* Zhaofeng Huang
Huang Zhaohua *see* Wang Mingyan 9251
Huang Zhaoming, Wu Fang, Jiang Zeming, Zhang Weizai, Xu Anshi, Xiang Qiangsheng Experimental study of optical fiber soliton transmission 14260
Huang Zhen-Chun *see* Yang Kai 48516
Huang Zhenlong *see* Zhenlong Huang
Huang Zhenqi, Feng Wei Ka-band GaAs Gunn stable power amplifiers 53591
Huang Zhi-Xian *see* Zhi-Xian Huang
Huang Zhijia *see* Luo Zhuolin 38437
Huang Zhijian, Sun Junqiang, Huang Dexiu Study on self-Q-switched erbium-doped fiber ring laser 3725
Huang ZhiQiang *see* ZhiQiang Huang
Huang Zhirong *see* Zhirong Huang
Huang Zhiying *see* Li Youfen 22269
Huang Zhongsheng *see* Pan Hongshu 53618
Huang-Chi Huang *see* Wen-Ling Yang 17727
Huang-Chung Cheng, Fang-Shing Wang, Chun-Yao Huang Effects of NH_3 plasma passivation on N-

channel polycrystalline silicon thin-film transistors 12988
Huang-Chung Cheng *see* Chun-Yi Chai 54253
Huang-Chung Cheng *see* Kuan-Lun Cheng 21339
Huang-Lin Yang *see* Ching-Tang Chang 11504
Huangfu Lujiang, Zhu Changchun, Huaz Yongjin, Tie Zhiling, Sin, J.K.O., Guo Cailin Research on the process of vacuum microelectronic flat-panel displays 17707
Huanling Hu *see* Zhien Wang 50040
Huanliu Liu *see* Liu Huanliu
Huannian Yao *see* Yao Huannian
Huanshui Zhang *see* Zhang Huanshui
Huant, S. *see* Knap, W. 54169
Huanzhao Wang *see* Wang Huanzhao
Huapeng Wu, Hasan, M.A. Efficient exponentiation of a primitive root in GF(2^m) 34533
Huaping Mu *see* Mu Huaping
Huaquan Yang *see* Yang Huaquan
Huard, J.-F. *see* Chan, M.C. 16422
Huard, S.J., Giovannini, H. White-light interferometry: new developments applied to high accuracy optical measurements 7379
Huaren Wu *see* Wu Huaren
Huawei Zhao, Turner, I., Fa-Wang Liu Numerical simulation of the power density distribution generated in a multimode cavity by using the method of lines technique to solve directly for the electric field 11673
Huaxiao Zhang *see* Zhang Huaxiao
Huaz Yongjin *see* Huangfu Lujiang 17707
Huazhen Bai *see* Bai Huazhen
Huazhong Yang *see* Yang Huazhong
Hubaux, J.-P. *see* Garcia Adanez, X. 16426
Hubaux, J.-P. *see* Gaspoz, J.-P. 46898
Hubaux, J.-P. *see* Martins, J. 5977
Hubaux, J.-P. *see* Verscheure, O. 26339
Hubaux, J.P. *see* Verscheure, O. 57106
Hubbard, B. *see* Unno, Y. 37395
Hubbard, J. *see* Lane, R. 43592
Hubbard, J.R. *see* Bystricky, J. 59318
Hubbard, K. *see* Ingram, D.L. 43122
Hubbard, R.F. *see* Sprangle, P. 59116
Hubbel, Y.C. A comparison of the IRIDIUM and AMPS systems 47743
Hubec, J. *see* Bauer, C. 37326
Hubel, A. *see* Muller, M. 17356
Huber, A. Report on stator winding integrity–questionnaire 93-1 60633
Huber, A. *see* Ehlert, A. 54022
Huber, A. *see* Radner, W. 8178
Huber, A. *see* Udem, T. 7145
Huber, A. *see* Udem, T. 27341
Huber, A.C. *see* Chaplin, C.P. 8459
Huber, A.C. *see* Jordanov, V.T. 37502
Huber, C., Abiri, H., Ganchev, S.I., Zoughi, R. Analysis of the "Crack characteristic signal" using a generalized scattering matrix representation 52873
Huber, C.J., Rucker, W.M., Hoschek, R., Richter, K.R. A new method for the numerical calculation of Cauchy principal value integrals in BEM applied to electromagnetics 44870
Huber, E. 3-D real-time gesture recognition using proximity spaces 25471
Huber, E., Frohlich, K., Grill, R. Dielectric recovery of copper chromium vacuum interrupter contacts after short circuit interruption 29488
Huber, G. *see* Braun, B. 3800
Huber, G. *see* Heine, F. 3797
Huber, G. *see* Heumann, E. 4078
Huber, G. *see* Kretschmann, H.M. 55573
Huber, G. *see* Lagatskii, A.A. 44403
Huber, G. *see* Mikhailov, V.A. 44402
Huber, G. *see* Ostroumov, V.G. 3801
Huber, G. *see* Ostroumov, V.G. 55897
Huber, G.M. *see* Lolos, G.J. 59197
Huber, J. *see* Abe, K. 37234
Huber, J. *see* Abe, K. 59233
Huber, J.B. *see* Bauml, R.W. 4423
Huber, J.B. *see* Fischer, R.F.H. 47431
Huber, J.B. *see* Gerstacker, W.H. 5687
Huber, J.B. *see* Muller, S.H. 46559
Huber, K. Biquadratic and e th power residue codes 24667
Huber, K. The MacWilliams theorem for two-dimensional modulo metrics 24789
Huber, K. Codes over tori 34607
Huber, K., DeSanti, T., Felker, S. Increased process stability for CVD tungsten via in-situ particle monitoring and upstream process control 42658
Huber, K., Wolter, S. Telekom's MAGENTA algorithm for en-/decryption in the Gigabit/sec range 26413
Huber, K.-P. *see* Syrjakow, M. 30544
Huber, L., Jovanovic, M.M. Optimizing flyback topologies for portable AC/DC adapter/charger applications. I. Adapter/charger requirements 9370
Huber, M. *see* Berger, M. 58369
Huber, M.N. Evolution to optical transport networks 26692
Huber, M.N. *see* Bischoff, M. 6822
Huber, M.N. *see* Spath, J. 47494
Huber, N., Tsakmakis, C. Finite element simulation of microstructure demolding as part of the LIGA process 52185
Huber, R. *see* Rahman, F. 23411
Huber, R. *see* Schwaiger, R. 57071
Huber, T.W. *see* Hammel, S.E. 25234
Huber, U. *see* Fleckenstein, V. 16563
Hubers, G. *see* Wakamatsu, S. 45211
Hubert, D., Leblanc, F., Gaimard, P. Current state-of-the-art for the measurement of non-Maxwellian plasma parameters with the EISCAT UHF facility 60070
Hubert, E. The general solution of an ordinary differential equation 21182
Hubert, J.Sanchez *see* Sanchez Hubert, J.
Hubert, O. *see* Hug, E. 32798
Hubert, P. Status of the NEMO double beta decay experiment 7817
Hubert Ho, F. *see* Shih, W.T. 39791
Hubin, M. *see* Bahoura, M. 28335
Hubin, M. *see* Bahoura, M. 49600
Hubing, N. *see* Stuller, J.A. 4893
Hubing, N. *see* Stuller, J.A. 25203
Hubing, N. *see* Stuller, J.A. 45735
Hubing, T., Drewniak, J., Van Doren, T., Kashyap, N. An expert system approach to EMC modeling 45183
Hubing, T.H. *see* Hockanson, D.M. 1771
Hubing, T.H. *see* Hockanson, D.M. 41585
Hubing, T.H. *see* Ma, K.-P. 45199
Hubing, T.H. *see* Shi, H. 41589
Hubk, U. *see* Saniter, J. 58371
Hubler, P. *see* Hurrich, A. 21945
Hubley-Kozey, C.L., Mitchell, L.B., Gardner, M.J., Warren, J.W., Penney, C.J., Smith, E.R., Horcek, B.M. Diagnostic classification of patients with ventricular tachycardia, based on spatial and temporal features derived from body-surface potential maps 59722
Hubley-Kozey, C.L., Warren, J., Penney, C.J., Horacek, B.M. Comparing three methods of calculating temporal ECG patterns from body surface potential maps 49690
Hubmann, H. Compact optical scanner uses "SELFOC" self-focusing lens arrays 13776
Hubmann, M., Frohlich, R., Wetzig, T., Bolz, A., Schaldach, M. Comparison of different electrode systems for short and long-term monitoring of monophasic action potentials 28360
Hubmann, M. *see* Gerhold, J. 23142
Hubner, A., Aberle, A.G., Hezel, R. Cost-effective bifacial silicon solar cells with 19% front and 18% rear efficiency 39209
Hubner, A., Aberle, A.G., Hezel, R. Novel cost-effective bifacial silicon solar cells with 19.4% front and 18.1% rear efficiency 51565
Hubner, A. *see* Kuhlmann, B. 39210
Hubner, B. *see* Zengerie, R. 44484
Hubner, H., Nitzsche, G., Kley, E.-B. Optical characterization method for high frequency gratings 48881
Hubner, H. *see* Anke, I. 13543
Hubner, J., Jouanno, J.-M., Pedersen, J.E., Kromann, R., Feuchter, T., Kristensen, M. Strong Bragg gratings in non sensitized low loss planar waveguides as building blocks for WDM network components 55262
Hubner, J., Svalgaard, M., Nielsen, L.G., Kristensen, M. Phenomenological model of UV-induced Bragg grating growth in germanosilicate fibers 55189
Hubner, J., Varming, P., Kristensen, M. Five wavelength DFB fibre laser source for WDM systems 23822
Hubner, J. *see* Ibsen, M. 16664
Hubner, J. *see* Jouanno, J.-M. 3407
Hubner, J. *see* Poulsen, C.V. 52774
Hubner, K.F. *see* Sari-Sarraf, H. 28145
Hubner, K.F. *see* Thie, J.A. 28211
Hubner, M. *see* Buhleier, R. 33704
Hubner, W. *see* Kasparian, J. 55890
Huc, J. *see* Etemadi, R. 30917
Huc, P. *see* Renovell, M. 21616
Huck, F.O., Fales, C.L., Rahman, Z. An information theory of visual communication 4939
Huck, F.O., Fales, C.L., Rahman, Z. On the information-theoretic assessment of visual communication 57723
Huck, F.O. *see* Fales, C.L. 4940
Hucknell, P.K. *see* McConville, C.F. 12419
Huckridge, D., Pomeroy, W.R.M., Thomas, M.W., McEwen, R.K., Evans, S.C., Rigling, P.C. Firefly: a wide field surveillance system for long range target detection and recognition 38169
Huda, W. *see* Gkanatsios, N.A. 49507
Hudait, M.K., Modak, P., Krupanidhi, S.B. Growth and characterization of GaAs epitaxial layers by MOCVD 21309
Hudak, A.T. *see* Braswell, B.H. 18951
Hudde, H., Lodwig, A., Engel, A. A wide-band precision acoustic measuring head 17877
Huddleston, J.N., West, R.D., Yueh, S.H., Wu-Yang Tsai Advanced techniques for improving wind direction ambiguity removal in scatterometry 8451
Huddleston, W.A., Pritchard, C.C. IC bond pad size and position recommendations for non-orthogonal wedge wire bonding 31652
Hudec, G. A model of a shallow water hydroacoustical communication channel 45496
Hudec, J. Functional test generation design strategy for VLSI systems 48344
Hudek, P. *see* Babin, S. 42850
Hudek, P. *see* Grabiec, P.B. 43397
Hudek, P. *see* Pum, D. 42861
Hudgins, B. *see* Englehart, K. 59735
Hudgins, J.L. *see* Van Godbold, C. 21481
Hudoklin, A. Electronic mail security 16215
Hudon, C., Belec, M. Aging of stator bars exposed to end arm discharges 50892
Hudon, C., Guuinic, P., Audoli, A. Investigation of partial discharge signal propagation, attenuation and pattern recognition in a stator winding 9127
Hudson, B., Katz, S., Lupnacca, J.D., Rogers, J. An experiment using agile beam radar for meteorological surveillance and wake vortex detection 49972
Hudson, D., Kane, J., McDonough, J. 13 graphics cards for business 41197
Hudson, D. *see* Bender, M. 6348
Hudson, G.C. *see* Humphreys, T.P. 41742
Hudson, J.A. *see* Mesrobian, A. 38710
Hudson, K.T. *see* Sari-Sarraf, H. 28145
Hudson, R. *see* Lorenzelli, F. 15325
Hudson, R.E. *see* Wang, A. 28442
Hudson, R.E. *see* Wang, A. 28686
Hudson, R.E. *see* Wang, A. 34645
Hudson, S. *see* Richards, S. 39620
Hudson, T.D. *see* Chun-Te Li 46117
Hue, J. *see* Sheehan, L. 3956
Hue, L. *see* Anderson, J. 25843
Hue Chung, P.Tiet *see* Tiet Hue Chung, P.
Huebener, R.P. *see* Gerber, R. 41807
Huebener, R.P. *see* le Grand, J.B. 32915
Huebener, R.P. *see* Ohkubo, M. 7850
Huebener, R.P. *see* Vernika, I.V. 32906
Huebner, A. *see* Bornscheuer, K.H. 40591
Huebner, B., Brinkmann, K.-T., Freiesleben, H., Lange, J.S., Naumann, B., Naumann, L., Schuelke, A. Test of a scintillating-fiber calorimeter for photons with energies below 1 GeV 37357
Huecas, G. *see* Quemada, J. 26337
Hueckel, G. *see* Ahlgren, D.C. 43253
Huegel, H. *see* Beck, M. 33768
Huegel, H. *see* Kern, M. 33767
Huei Lin Shiuan *see* Shiuan Huei Lin
Huei-Fen Jiang, Chin-Chuan, Kuo-Chin Fan A fast approach to detect and correct skew documents 5646
Huelsing, D.J., Pollard, A.E. Loading effects of anisotropic ventricular muscle on the peripheral conduction system 59575
Huemmer, M. *see* Liersch, G. 29011
Huemmrich, K.F. Effects of shadows on vegetation indices 8413
Huerta, J.M.Espi *see* Espi Huerta, J.M.
Huerta, M.A. *see* Cardelli, E. 24424
Huertas, J.L. *see* Baturone, I. 1629
Huertas, J.L. *see* Baturone, I. 31403
Hueschen, M.R. *see* McElvain, J. 3630
Huesmann, R. *see* Appasamy, B. 7141
Huet, C., Tonon, M., Le Men, H., Jamet, O. Towards an automatic updating process for land-cover cartography using SPOT images interpretation 60011
Huet, F., Mattioli, J. A textural analysis by mathematical morphology transformations: structural opening and top-hat 57491
Huet, M. *see* Bystricky, J. 59318
Huet, O. *see* Tran-Quoc, T. 9293
Huete, A.R. *see* van Leeuwen, W.J.D. 8300
Huettl, T. *see* Gaul, H.W. 45191
Huey, B. *see* Gorbunov, A.A. 12704
Huey, K., Hodges, C.R., Benson, D., Nguyen, S., Jarvis, B. Lid deflection for MCMs in airborne application 8253
Huey-Ing Liu *see* Nen-Fu Huang 5792
Huey-Kuo Chen, Wen-Ko Hsu, Wei-Ling Chiang A comparison of vertex method with JHE method 40040
Huey-Ru Chuang *see* Wen-Tzu Chen 34252
Huff, C. *see* Beck, G.T. 38150
Huff, D. *see* Yariv, A. 47917
Huff, D.A. *see* Gregor, J. 49549
Huff, D.S. *see* Smith, B.R. 18313
Huff, G.J. *see* Sidhu, T.S. 38316
Huff, H.R., Goodall, R.K., Williams, E., Keung-Shan Woo, Liu, B.Y.H., Warner, T., Hirleman, D., Gildersleeve, K., Bullis, W.M., Scheer, B.W., Stover, J. Measurement of silicon particles by laser surface scanning and angle-resolved light scattering 48883
Huff, J., Berry, G., Gannon, B., Gariepy, D. AGT Limited's AM/FM/GIS conversion project 5915
Huffaker, D.L. Dependence of wavelength control on dielectric structure for vertical-cavity surface-emitting lasers 33476
Huffaker, D.L., Deng, H., Deng, Q., Deppe, D.G. Ring and stripe oxide-confined vertical-cavity surface-emitting lasers 14097
Huffaker, D.L., Deppe, D.G. Wavelength control through lateral device size in a 2×2 vertical-cavity surface-emitting laser array fabricated using selective oxidation 3900
Huffaker, D.L., Deppe, D.G. Low threshold vertical-cavity surface-emitting lasers based on high contrast distributed Bragg reflectors 44541
Huffaker, D.L., Deppe, D.G., Lei, C., Hodge, L.A. Sealing AlAs against oxidative decomposition and its use in device fabrication 2416
Huffaker, D.L. *see* Deppe, D.G. 33506
Huffaker, D.L. *see* Oh, T.-H. 3881
Huffaker, R.M. Airborne Doppler lidars using eye-safe solid-state laser technology for commercial and defense applications 6985
Huffel, S.Van *see* Van Huffel, S.
Huffer, M. *see* Abe, K. 59233
Huffman, B.T. *see* Antos, J. 37373
Huffman, D. *see* Katikaneni, S.P.R. 28987

Hug, E., Hubert, O., Clavel, M. Some aspects of the magnetomechanical coupling in the strengthening of nonoriented and grain-oriented 3% SiFe alloys 32798
Hug, E. *see* Thomas, P.J. 38118
Hug, S.E. *see* Turcu, I.C.E. 42883
Hugel, H. Laser beam properties and process efficiency 55799
Hugel, H. *see* Maestle, R. 55782
Hugenschmidt, M.B. *see* Pitter, M. 22424
Huggenberg, J. Slimming down makes one fit (digital signal processor chip of reduced complexity for multiprocessing) 21724
Huggins, C.R. *see* Cross, T.A. 38000
Huggins, C.R. *see* Hardingham, C. 37995
Huggins, H.A. *see* Harriott, L.R. 22700
Huggins, H.A. *see* Harriott, L.R. 42874
Huggins, H.A. *see* Wieser, J. 51827
Huggins, I.G. *see* Petersen, M.J. 28397
Hughbanks, T.S. *see* Wallash, A.J. 32851
Hughes, A.E., Gorman, J.D., Patterson, P.J.K., Carter, R. Unusual peak shifts in the core levels of CeO_2 films deposited on Si(100) 2276
Hughes, B.L. The smallest list for the arbitrarily varying channel 56234
Hughes, B.L. *see* Brinton Cooper, A. 34622
Hughes, B.L. *see* Murali, R. 35474
Hughes, B.L. *see* Yu-Sun Liu 35476
Hughes, B.T. *see* Crouch, M.A. 54598
Hughes, E.A. *see* Rahn, F.J. 38565
Hughes, F. *see* De Ramirez, L.M. 20487
Hughes, F.M. *see* Meaburn, A. 60589
Hughes, G. Performance success from self-assessments 19450
Hughes, G. *see* Gittleman, M.M. 48846
Hughes, H. *see* Afanasev, V. 12596
Hughes, H. *see* Denton, D. *(editor)* 9841
Hughes, H.D. *see* Cheng, L. 46622
Hughes, H.D. *see* Cheng, L. 47816
Hughes, H.D. *see* Hui-Tang Lin 47154
Hughes, H.D. *see* Hui-Tang Lin 47668
Hughes, H.G. *see* Lyle, R.P. 27741
Hughes, H.L. *see* Afanas'ev, V.V. 42325
Hughes, H.L. *see* Anc, M.J. 12595
Hughes, H.L. *see* Brady, F.T. 22844
Hughes, H.L. *see* Lawrence, R.K. 12593
Hughes, H.L. *see* Lawrence, R.K. 22475
Hughes, H.L. *see* Lisovskii, I.P. 42301
Hughes, H.L. *see* Sinha, S.P. 12997
Hughes, H.L. *see* Sinha, S.P. 42994
Hughes, J.G. *see* Leahy, D.G. 52100
Hughes, J.L.A. *see* Heebyung Yoon 54739
Hughes, J.L.P. *see* Hache, A. 22245
Hughes, J.R. Technology trends mark multimedia advancements 6321
Hughes, J.S. *see* Lammert, R.M. 16820
Hughes, J.S. *see* Lammert, R.M. 23973
Hughes, J.S. *see* Lammert, R.M. 55692
Hughes, J.S. *see* Roh, S.D. 33535
Hughes, K. *see* Stahl, S.M. 35128
Hughes, K. *see* Tenenbaum, J.M. 57927
Hughes, K.L., Miller, S.L., Rodriguez, J.L., McWhorter, P.J. Calibration of an integrated hydrogen gas-sensing system 48711
Hughes, L. A practical introduction to data communications 30039
Hughes, M.B. *see* Dorr, D.S. 38438
Hughes, M.B. *see* Koval, D.O. 20258
Hughes, M.P. *see* Green, N.G. 44978
Hughes, O.H. *see* Foxon, C.T. 10813
Hughes, P.J. *see* Kimmel, K.R. 22677
Hughes, R.A. *see* Bonebright, R.K. 49891
Hughes, R.A. *see* Lindgren, M. 32916
Hughes, R.A. *see* Lindgren, M. 55122
Hughes, R.A. *see* Terentiev, A.N. 43874
Hughes, S., Wherrett, B. Multilevel rate-equation analysis to explain the recent observations of limitations to optical limiting dyes 14272
Hughes, S. *see* Chow, W.W. 33491
Hughes, S.W., D'Arcy, T.J., Maxwell, D.J., Saunders, J.E., Chinn, S., Sheppard, R.J. The accuracy of a new system for estimating organ volume using ultrasound 49574
Hughes, T. Operational needs for electronic displays at sea 51810
Hughes, T.J.R., Stewart, J.R. A space-time formulation for multiscale phenomena 616
Hughes, T.J.R. *see* Stewart, J.R. 40257
Hughes, W., Armour, B., Lightstone, L., Arnon, I., Princz, G.J. Desktop processing of RADARSAT SAR data 16948
Hughes, W.C., Rowland, W.H., Jr., Johnson, M.A.L., Cook, J.W., Jr., Schetzina, J.F. Reactive ion etching of AlN, AlGaN, and GaN using BCl_3 12784
Hughes, W.C. *see* Johnson, M.A.L. 30834
Hughes, W.G. *see* Greenhut, S.E. 37884
Hughes, W.L. Computerized passive networks for control of power flow on the interconnected grid 28835
Hughes-Oliver, J.M. *see* Davis, J.C. 910
Hughes-Oliver, J.M. *see* Davis, J.C. 39862
Hugi, J. *see* Averin, S. 13853
Hugle, W.B. *see* Volkel, R. 12846
Hugle, W.B. *see* Volkel, R. 42878
Hugli, H., Schutz, C. How well performs free-form 3D object recognition from range images? 35007
Hugon, M.C. *see* Firon, M. 52771
Hugtenburg, R.P. *see* Stevens, M.A. 8207
Huguenin, G.R. Millimeter wave imaging technology 7554
Huguenin, G.R. Millimeter wave concealed weapon detection and through-the-wall imaging systems 57370
Huguenin, G.R., Moore, E.L., Bandla, S., Nicholson, J.J. A millimeter-wave monolithic load switching twist reflector for compact imaging cameras 21913
Huguenin, R. *see* Boudreau, E. 18947
Huguet, P. *see* Decaesteke, T. 58450
Huh, S.H. *see* Seong-Heon Seo 60892
Huh, Y., Panusopone, K., Rao, K.R. Variable block size coding of images with hybrid quantization 15477
Huh, Y. *see* de Queiroz, R. 56692
Huh Chang-Soo *see* Chang-Soo Huh
Huh Chang-Su *see* Chang-Su Huh
Huh Kijae *see* Kijae Huh
Huh Kyungmoo *see* Kyungmoo Huh
Huh Man Tak *see* Man Tak Huh
Huh Uk-Youl *see* Uk-Youl Huh
Huh Young Jae *see* Young Jae Huh
Huhdanpaa, H. *see* Barber, C.B. 30664
Huhn, R.J. *see* Motamedi, M.E. 54856
Huhtinen, M. *see* Drozhdin, A.I. 37276
Hui, A.K. *see* Rao, C.V.S. 36575
Hui, C.S. *see* Wenzel, J. 1872
Hui, H.T., Ho, Y.A., Yung, E.K.N. A cylindrical DR rod antenna fed by a short helix 34487
Hui, H.T., Yung, E.K.N., Leung, K.W. Numerical and experimental studies of a helical antenna loaded by a dielectric resonator 56150
Hui, H.T. *see* Ho, Y.A. 34476
Hui, I.K., Ralph, B. A study of the strength and shape of surface mount technology leadless chip solder joints 53772
Hui, I.K. *see* Hang-Wai Law 41618
Hui, J.Y., Kwok-Wai Cheung Optical versus electronic switching for broadband networks 16412
Hui, K. *see* MacPhie, R.H. 34288
Hui, K. *see* Wann, C.H. 2642
Hui, K.C. *see* Cheung, K.K. 46504
Hui, K.F. *see* Lam, K.H. 15042
Hui, L.C., Letaief, K.B. Interference cancellation for SSMA communications with diversity combining and system imperfections 47672
Hui, L.C.K. *see* Kwok-Yan Lam 16335
Hui, P., Tan, H.S., Lye, Y.S. Design of circular beat spreaders on semi-infinite heat sinks in microelectronics device applications 52289
Hui, R., Chowdhury, D., Newhouse, M., O'Sullivan, M., Poettcker, M. Nonlinear amplification of noise in fibers with dispersion and its impact in optically amplified systems 33037
Hui, R. *see* Lai, L.L. 60889
Hui, S. *see* Chan, K.K. 32996
Hui, S. *see* Charache, G.W. 38994
Hui, S. *see* Fraas, L. 38991
Hui, S.C. *see* Foo, S. 6018
Hui, S.P. *see* Goossen, K.W. 16494
Hui, S.P. *see* Goossen, K.W. 33324
Hui, S.P. *see* Krishnamoorthy, A.V. 33185
Hui, S.P. *see* Lentine, A.L. 3660
Hui, S.P. *see* Lentine, A.L. 33316
Hui, S.P. *see* Rolston, D.R. 3662
Hui, S.P. *see* Rolston, D.R. 33325
Hui, S.Y.R., Cheng, K.W.E., Prakash, S.R.N. Design of a fully soft-switched extended period quasi-resonant power factor correction circuit 60235
Hui, S.Y.R., Fung, K.K. Fast decoupled simulation of large power electronic systems using new two-port companion link models 60363
Hui, S.Y.R., Gogani, E., Zhang, J. Practical evaluation of a quasi-resonant circuit for soft-switched inverters with minimum voltage stress 51351
Hui, S.Y.R., Oppermann, I., Pasalic, F., Sathiakumar, S. Microprocessor based mathematical and logical random PWM methods for power inverters 51174
Hui, S.Y.R., Oppermann, I., Sathiakumar, S. Microprocessor-based random PWM schemes for DC-AC power conversion 51134
Hui, S.Y.R. *see* Chung, H. 9327
Hui, S.Y.R. *see* Fung, K.K. 40905
Hui, S.Y.R. *see* Lee, Y.S. 51142
Hui, S.Y.R. *see* Rahman, M.F. 61166
Hui, S.Y.R. *see* Sathiakumar, S. 60873
Hui, S.Y.R. *see* Shrivastva, Y. 9358
Hui, S.Y.R. *see* Zhu, J.G. 43708
Hui, Y., Kok, C.W., Nguyen, T.Q. Theory and design of two-dimensional non-separable shift-invariant filter banks 25596
Hui, Y., Kok, C.W., Nguyen, T.Q. Theory and design of shift-invariant filter banks and wavelets 34907
Hui, Y. *see* Chen, L. 18238
Hui, Y.V. *see* Lau, K.M. 30341
Hui Bon Hoa, D. *see* Tillerot, F. 16760
Hui Chen, Tsukamoto, O. Transient stability of fully superconducting damperless generator at system fault and study of methods to suppress fault currents 60636
Hui Chen Ming *see* Ming Hui Chen
Hui Deng, Hackam, R. Electrical performance of RTV silicone rubber coating of different thicknesses on porcelain 50612
Hui Guo *see* Parameswaran, S. 43306
Hui Hsien Wu *see* Chia-Chen Hsu 4018
Hui Hu An improved cone-beam reconstruction algorithm for the circular orbit 46165
Hui Jiang *see* Jiang Hui
Hui Jun-Xiong *see* Wang Xiao-Bing 44807
Hui Junying *see* Jiang Yongmin 58493
Hui Kang *see* Kang Hui
Hui Kwok Fai *see* Kwok Fai Hui
Hui Kwok-Wah *see* Kwok-Wah Hui
Hui Li, Malkin, R.A. Estimating myocardial activation times by maximum likelihood estimation 49694
Hui Li *see* Li Hui
Hui Li Gou *see* Gou Hui Li
Hui Liang An *see* An Hui Liang
Hui Lin Zheng *see* Zheng Hui Lin
Hui Liu, Guanghan Xu A subspace method for signature waveform estimation in synchronous CDMA systems 5813
Hui Liu, Guanghan Xu Blind equalization for CDMA systems with aperiodic spreading sequences 26472
Hui Liu, Guanghan Xu Smart antennas in wireless systems: uplink multiuser blind channel and sequence detection 35968
Hui Liu, Zoltowski, M.D. Blind equalization in antenna array CDMA systems 26486
Hui Liu *see* Torlak, M. 6553
Hui Liu *see* Torlak, M. 25829
Hui Luo *see* Schlichting, W. 43918
Hui Nie, Anselm, K.A., Hu, C., Murtaza, S.S., Streetman, B.G., Campbell, J.C. High-speed resonant-cavity separate absorption and multiplication avalanche photodiodes with 130 GHz gain-bandwidth product 23678
Hui Ning *see* Ning Hui
Hui Peng, Gang Rong, Zhaoqi Bian Automated face recognition using adaptive subspace method 25332
Hui Siu Cheung *see* Siu Cheung Hui
Hui Wang *see* Wang Hui
Hui Wang Yu *see* Wang Yu Hui
Hui Wing *see* Wing Hui
Hui Wu *see* Wu Hui
Hui Xia *see* Jain, M. 14273
Hui Xiang *see* Xiang Hui
Hui Yang *see* Brandt, O. 2101
Hui Yang *see* Brandt, O. 10700
Hui Yang *see* Yang Hui
Hui Ye *see* Wentao Hu 33393
Hui Zeng *see* Zeng Hui
Hui Zhan *see* Zhong Shi 29542
Hui Zhou *see* Zhou Hui
Hui-Bin Lu *see* Da-Fu Cui 32679
Hui-Bin Lu *see* Lu Hui-Bin
Hui-Bing Mao *see* Mao Hui-Bing
Hui-Feng Li, Dimitrijev, S., Harrison, H.B., Sweatman, D. Interfacial characteristics of N_2O and NO nitrided SiO_2 grown on SiC by rapid thermal processing 42333
Hui-Feng Li *see* Dimitrijev, S. 54410
Hui-Hsun Huang *see* Hsiao-Lung Chan 27584
Hui-Jun Li *see* Li Hui-Jun
Hui-Jung Shih *see* Jung-Hui Tsai 22764
Hui-Ling Lou *see* Cohen, E. 6626
Hui-Min Tsai *see* Chin-Chen Chang 45544
Hui-Ping Chen *see* Tian-Hua Liu 60841
Hui-Qing Shao, Xiang-Hong Gao, Ze-Chun Cao Effect of annealing on phase structure and degradation of a zinc oxide varistor with Si-additive 22905
Hui-Sheng Wang *see* Da-Fu Cui 32679
Hui-Tang Lin, Hughes, H.D. A routing algorithm for metropolitan ATM networks 47154
Hui-Tang Lin, Hughes, H.D. A handoff scheme for wireless ATM networks 47668
Hui-Wen Yao *see* Chi Wang 31475
Hui-Wen Yao *see* Wei Luo 36848
Hui-Yun Wang, Da-Cai Mu, Wei-Jun Su, Wai-Kai Chen On semi-indefinite active multiterminal networks 1570
Huibao Chen, Ping Sun The design of two-layer flexible hinge milli-gripper 23074
Huibers, A.G. *see* Patel, S.R. 42102
Huiberts, R.C. *see* van Roosmalen, J.A.M. 39028
Huibin Lan *see* Lan Huibin
Huibin Lu *see* Jie Zhang 30808
Huibin Lu *see* Lu Huibin
Huibo Lei *see* Lei Huibo
Huier Cheng *see* Cheng Huier
Huignard, J.-P. *see* Brignon, A. 33686
Huignard, J.-P. *see* Brignon, A. 44708
Huignard, J.-P. *see* Brignon, A. 55562
Huignard, J.-P. *see* Dentan, V. 3326
Huignard, J.-P. *see* Dolfi, D. 27005
Huignard, J.-P. *see* Merlet, T. 44200
Huignard, J.-P. *see* Sillard, P. 33595
Huignard, J.P. *see* Breugnot, S. 21397
Huignard, J.P. *see* Breugnot, S. 24108
Huignard, J.P. *see* Brignon, A. 14254
Huihua Chen *see* Chen Huihua
Huihua Kenny Chiang *see* Hsiu-Wen Chen 7902
Huihua Yu *see* Yu Huihua
Huihuang Chen *see* Chen Huihuang
Huijgen, H. *see* Lippens, P. 5022
Huijser, T. *see* Koops, M. 24407
Huijsing, J. *see* van der Horn, G. 17274
Huijsing, J.H. *see* Bakker, A. 2874
Huijsing, J.H. *see* de Langen, K.-J. 40933
Huijsing, J.H. *see* Hogervorst, R. 21504

Huijsmans, J.P.P. *see* van Roosmalen, J.A.M. 39028
Huijsmans, N. *see* Lew, M.S. 5630
HuiJuan Li *see* KyungHi Chang 16614
Huijuan Zhao *see* Zhao Huijuan
Huijun Hu *see* Hu Huijun
Huijun huang *see* huang Huijun
Huijun Nie *see* Nie Huijun
Huijun Xu *see* Xu Huijun
Huikai Xie *see* Xie Huikai
Huikuri, H.V. *see* Tikkanen, P.E. 49602
Huili Wang, Jaszczak, R.J., Coleman, R.E. Monte Carlo modeling of penetration effect for iodine-131 pinhole imaging 28229
Huili Wang *see* Smith, M.F. 37673
Huili Zheng *see* Zheng Huili
Huilong Cai *see* Cai Huilong
Huimin Gao *see* Gao Huimin
Huimin Liu, Yanyun Wang, Weiyi Jia, Meng Shen, Shoukuan Fu Degenerate-four-wave-mixing of nonether polyphenylquinoxaline solution 24218
Huimin Liu *see* Jingwen Zhang 4041
Huimin Liu *see* Mahalingam, P. 30880
Huimin Liu *see* Liu Huimin
Huimin Tan *see* Tan Huimin
Huimin Yang *see* Yang Huimin
Huiming Cheng *see* Cheng Huiming
Huinink, W.F. *see* Peek, H.L. 48684
Huiqiang Wang *see* Wang Huiqiang
Huiqin Fang *see* Fang Huiqin
Huiqing Fan *see* Fan Huiqing
Huiquan Cheng, Guoqiang Li, Liren Liu, Yaozu Yin Optical complex-valued modular multiplication based on digital partitioning and weighting shifting 13756
Huis in't Veld, R.J., Ladhani, A.-N., Moelaert El-Hadidy, F., Verhoosel, J.P.C., van der Waaij, B., Widya, I.A. Developing a conference application on top of an advanced signalling infrastructure 16377
Huish, P., Adams, G., Bekooij, J., Capelle, B., Columbano, T., Demantke, J., Gernegross, D., Lennartz, C., Komp, G., Pollakowski, M., Petrini, L., Priotti, P., Van Der Plas, G., Roth, P., Sakai, K., Rowe, J., Spencer, M. VDSL copper transport system 26389
Huisheng Chi *see* Qun Zhao 26982
Huisheng Chi *see* Sheng Zhong 52328
Huisheng Chi *see* Youshou Wu 1659
Huisheng Chi *see* Chi Huisheng
Huiskamp, G. Extremal point constraints in the inverse problem of electrocardiography: application to LVH data 49670
Huiskamp, G., Greensite, F. A new method for myocardial activation imaging 59687
Huiskamp, G., van Oosterom, A., Greensite, F. Physiologically based constraints in the inverse problem of electrocardiography 59669
Huiskamp, G. *see* Greensite, F. 59668
Huiskamp, G.J.M. *see* van Schijndel, N.H. 28357
Huisken, F., Kaloudis, M., Chuzavkov, Yu.L., Maslov, V.A., Polivanov, Yu.N., Smirnov, V.V. Single mode optical parametric oscillator 24174
Huisman, H. Zero-ripple torque control in brushless DC motors: a straightforward approach 60794
Huisman, H., Steinbuch, M. Modelling and closed-loop experiments with a precision brushless DC drive for video recording applications 58583
Huisman, H. *see* Winterling, M.W. 51796
Huitema, C. The case for packet level FEC 5881
Huiwei Guan, To-Yat Cheung, Chi-Kwong Li Several practical client/server programming implementations for real-time transmission of image in X window environment 47390
Huiying Chen *see* Chen Huiying
Huiying Liang *see* Defu Cai 35009
Huiying Zhu *see* Zhu Huiying
Huiyun Wang *see* Wang Huiyun
Huizhi Cai *see* Cai Huizhi
Huizhi Gu *see* Gu Huizhi
Huizhu Jiang *see* Jiang Huizhu
Huizing, H.G.A. *see* Cowern, N.E.B. 31747
Hujanen, A. *see* Ruotanen, L.H. 34155
Hujres, J.A., Richie, J.E. A simple method for null steering in a circular array by perturbations of the radial locations of the elements 34415
Huke, J.P. *see* Broomhead, D.S. 25046
Hukka, T.I., Pakkanen, T.A., D'Evelyn, M.P. Interaction of hydrogen and CF_y radicals on the diamond (100)2×1 surface: an ab initio study 10758
Hulbert, G.M. Application of reproducing kernel particle methods in electromagnetics 14514
Hulenyi, L. *see* Ivanco, J. 12563
Hulenyi, L. *see* Kinder, R. 22307
Hulfachor, R.B., Kim, K.W., Littlejohn, M.A., Osburn, C.M. Effects of silicon layer properties on device reliability for 0.1-μm SOI n-MOSFET design strategies 54653
Hulfachor, R.B. *see* Williams, S.C. 2687
Hulichel, F.A. *see* VanLandingham, H.F. 14961
Hulkower, N.D. *see* Gaffney, L.M. 16638
Hull, A.J. *see* Owsley, N.L. 59381
Hull, C. *see* Joo Leong Tham 6651
Hull, C.C. *see* Barbur, J.L. 39422
Hull, C.D., Tham, J.L., Chu, R.R. A direct-conversion receiver for 900 MHz (ISM band) spread-spectrum digital cordless telephone 16627
Hull, E.L., Pehl, R.H., Stanley, M.R., Foster, C.C., Komisarcik, K., East, G.W., Vanderwerp, J.D., Friesel, D.L. A ^{16}N gamma-ray facility 59351
Hull, E.L. *see* Pehl, R.H. 18098
Hull, J.H. *see* Borovina, D.L. 51403
Hull, J.H. *see* Davanloo, F. 51266
Hull, J.J. Document image matching and retrieval with multiple distortion-invariant descriptors 4975
Hull, J.R., Mulcahy, T.M., Labataille, J.F. Velocity dependence of rotational loss in Evershed-type superconducting bearings [for flywheels] 39258
Hull, J.R. *see* Cha, Y.S. 32954
Hull, J.R. *see* Cha, Y.S. 43760
Hull, J.R. *see* Niemann, R.C. 39255
Hull, J.R. *see* Niemann, R.C. 39256
Hull, P.J. *see* Salata, O.V. 30868
Hull, R. *see* Choquette, K.D. 24002
Hull, R. *see* Derr, M. 5916
Hull, R. *see* Lanzerotti, L.D. 42962
Hull, T.E., Enright, W.H., Jackson, K.R. Runge-Kutta research at Toronto 10536
Hulley, L.N. *see* Zhang, L. 61133
Hulliger, M. *see* Gerritsen, K.G.M. 18531
Hulog, D. *see* Li, S. 20880
Hulsenberg, D., Harnisch, A., Jakob, C., May, M., Straube, B. High aspect ratio structures obtained by electroforming in microstructured glass 52859
Hulseweh, T. *see* Wilson, R. 40614
Hulshoff, W. *see* Gao, J.R. 53614
Hulskamp, J.P. *see* Spieth, M.R. 57109
Hulsmann, A. *see* Berroth, M. 36182
Hulsmann, A. *see* Lao, Z. 31202
Hulsmann, A. *see* Lao, Z. 40927
Hulsmann, A. *see* Lao, Z. 48001
Hulsmann, A. *see* Leber, P. 32564
Hulsmann, A. *see* Wang, Z.-G. 1545
Hulsmann, A. *see* Wang, Z.-G. 41477
Hulsmann, P. *see* Glock, H.-W. 49179
Hulsmann, P. *see* Muller, W.F.O. 49178
Hultman, L., Ljungcrantz, H., Hallin, C., Janzen, E., Sundgren, J.-E., Pecz, B., Wallenberg, L.R. Growth and electronic properties of epitaxial TiN thin films on 3C-SiC(001) and 6H-SiC(0001) substrates by reactive magnetron sputtering 696
Hultman, L. *see* Radamson, H.H. 1989
Hultman, L. *see* Wahab, Q. 12879
Hultman, L. *see* Wahab, Q. 32081
Hultzsch, H. Network evolution–convergence of decentralised information technology and telecommunications 57713
Hulvey, M.D. *see* Soyuer, M. 11227
Huiyalkar, S. *see* Du, Y. 47130
Hum, B. *see* Stadterman, T.J. 38151
Humal, L.-H., Vedru, J. Physiological measurement based on Foucault principle: set-up of the problem 59615
Humanic, T. *see* Bellwied, R. 59284
Humanic, T.J. *see* Pandey, S.U. 37293
Humbert, B. *see* Naji, A. 29543
Humbert, B. *see* Naji, A. 29566
Humbert, F.R. *see* Durufle, F. 58024
Humbert, W.R., Scott, W.R., Jr. A novel approach for determining the dielectric properties of cylindrical rods 36847
Humble, D.A. *see* Alexiades, A.N. 50408
Humblet, P.A., Troulis, M.G. The information driveway [using analog telephone lines] 26379
Humblot, H. *see* Surkau, R. 37093
Hume, A.L. *see* Auchterlonie, L.J. 45136
Hume, R.M. *see* Thomas, E.W. 20486
Humer, K., Schonbacher, H., Szeless, B., Tavlet, M., Weber, H.W. Radiation tests at cryogenic temperature on selected organic materials for LHC 59113
Humer, K., Tschegg, E.K., Platschka, R., Weber, H.W. Acoustic emission studies on irradiated plastic-copper interfaces in mode I at room temperature and at 77 K 52892
Humiec, F. *see* Zhang, Y. 22073
Hummel, E., Mols, P.P.G., Kuindersma, P.I., Cuypers, G.P.J.M., Binsma, J.J.M., Thijs, P., Van Dongen, T. Assessment of repeaterless 10 Gbit/s NRZ transmission at 1550 nm over dispersive standard fiber links up to 150 km 16825
Hummel, J.P. *see* Kane, W.F. 40586
Hummel, R. Uncertainty reasoning in object recognition by image processing 15867
Hummel, R.E. *see* Hagmann, D.R. 10857
Hummel, R.E. *see* Malone, D.W. 42762
Hummel, R.L. Share the wealth [application servers] 47017
Hummel, W.R. Graphics workstations and the real-time telemetry processing system 8234
Hummels, D.M., Papantonopoulos, I.N., Irons, F.H. Identification of error mechanisms in a folding and interpolating ADC 1543
Hummer, C.R. *see* Berning, P.R. 33870
Hummer, F.A., Smith, J.D.H. Greedy loop transversal codes, metrics, and lexicodes 34615
Hummer, F.A. *see* Hsu, F.-L. 34613
Humphrey, D.A. *see* Malik, R.J. 1736
Humphrey, D.C. *see* Tyminski, J.K. 32331
Humphrey, D.E.J., Fusco, V.F. Two element active antenna array mode stability 14754
Humphrey, F.B. *see* Nderu, J.N. 3032
Humphrey, J.A.C. *see* Queipo, N.V. 1765
Humphrey, M., Freeman, J. How xDSL supports broadband services to the home 35835
Humphrey, R. *see* Ruth, R.D. 49165
Humphrey, V.F. *see* Baker, A.C. 7680
Humphrey, V.F. *see* Ward, B. 37680
Humphrey, W. *see* Sharma, R. 14947
Humphreys, C.J. *see* Saifullah, M.S.M. 54541
Humphreys, C.J. *see* Xin, Y. 30820
Humphreys, D.A. *see* Knight, D.J.E. 27370
Humphreys, G.W. *see* Lloyd-Jones, T.J. 57544
Humphreys, J.T. *see* Romaine, S.E. 28538
Humphreys, K.K., Placet, M., Singh, M. Life-cycle assessment of electric vehicles in the United States 29761
Humphreys, K.K. *see* Vigon, B.W. 28985
Humphreys, T.P., Thomas, R.E., Malta, D.P., Posthill, J.B., Mantini, M.J., Rudder, R.A., Hudson, G.C., Markunas, R.J., Pettenkofer, C. The role of atomic hydrogen and its influence on the enhancement of secondary electron emission from C(001) surfaces 41742
Humphries, R. *see* Wada, T. 11993
Humphries, S., Jr. Finite-element methods for electron gun design 12072
Humphries, S., Jr. Quadrupole field geometries for intense electron beam acceleration 18058
Humphries, S., Jr., Ekdahl, C.A. Numerical models of pressure pulse generation by imploding metal liners 19879
Humphries, S., Jr. *see* Slutz, S.A. 59109
Humphries, T., Jr. Design of correction electrodes for high-voltage vacuum-dielectric interfaces 19946
Hun Chang Pyung *see* Pyung Hun Chang
Hun Choi Jeong *see* Jeong Hun Choi
Hun Hong Dug *see* Dug Hun Hong
Hun Kim Seong *see* Seong Hun Kim
Hun Lee *see* Seong Rag Kim 4284
Hun Lee *see* Seong Rag Kim 47659
Hun Lee Byoung *see* Byoung Hun Lee
Hun Lee Gi *see* Gi Hun Lee
Hun Seo Young *see* Young Hun Seo
Hun-Hsien Chang *see* Ming-Dou Ker 22981
Hun-Hsien Chang *see* Ming-Dou Ker 32437
Hun-Hsien Chang *see* Ming-Dou Ker 32558
Hun-Seung Oh *see* Joon-Seo Yim 41225
Hund, T.D. *see* Harrington, S.R. 39370
Hunderi, O. *see* Worren, T. 54227
Hundertmark, S. *see* Karle, A. 6828
Hundhausen, M. *see* Ley, L. 54398
Hundt, M., Chiu, T., Bond, B., Lao, T.Q. Conduction-cooled ball grid array 20918
Hundt, M. *see* Briar, J. 20922
Hundt, M. *see* Tiao Zhou 214
Hundt, M. *see* Zhou, T. 278
Hundt, P.J. *see* Hotchkiss, G.B. 53830
Huneus, H. *see* Duan, X. 23330
Hung, A. *see* Montpetit, M.-J. 58239
Hung, C.-C. *see* Chu, P.-T. 54506
Hung, C.-M., Pan, C.-T. An efficient rotor-field-oriented controller for adjustable speed induction motor drives 60727
Hung, C.-Y., Weckwerth, M.V., Visokay, M.R., Pao, Y.C., Harris, J.S., Jr. Growth of GaAs and InAlAs on high quality, epitaxial, NiAl metal film 731
Hung, H.F. *see* Liao, S.M. 21285
Hung, J.C. *see* Guan-Chyun Hsieh 11235
Hung, J.C. *see* Song Zhaohu 48176
Hung, J.C. *see* Yubo Pei 49925
Hung, J.Y. *see* Boudreaux, R.R. 38855
Hung, K.M., Gutierrez-Castrejon, R., Hall, T.J. Nonlinear vectorial degenerate four-wave mixing in isotropic saturable gain-media 44707
Hung, L.-T. *see* Lour, W.S. 54683
Hung, L.L. *see* Webb, D.L. 7431
Hung, L.S., Tang, C.W., Mason, M.G. Enhanced electron injection in organic electroluminescence devices using an Al/LiF electrode 23687
Hung, M.Y.Y., Long, K.W., Wang, J.Q. Measurement of residual stress by phase shift shearography 21401
Hung, M.Y.Y. *see* Hathaway, R.B. 21400
Hung, O.K., Gough, W.A. Elements of a power systems risk analysis and reliability study 51882
Hung, S.-L. *see* Zhang, Y. 57894
Hung, S.C. *see* Moroney, M.J., Jr. 50192
Hung, S.C.H., Hoyt, J.L., Gibbons, J.F. Growth and analysis of polycrystalline carbon for MOS applications 43329
Hung, Y.F., Wang, Q.Z. A new formulation technique for alternative material planning–an approach for semiconductor bin allocation planning 30161
Hung, Y.H., Liou, J.M., Lin, H.H., Lin, C.D. A CAD package for thermal management of electronics packaging 30229
Hung, Y.Y. Digital shearography versus TV-holography for non-destructive evaluation 7617
Hung, Y.Y. Phase shift shearography for automated evaluation of interfacial debonds 31015
Hung, Y.Y., Wang, J.Q., Hovanesian, J.D. Technique for compensating excessive rigid body motion in nondestructive testing of large structures using shearography 999
Hung, Y.Y., Wang, J.Q., Li, K. Dual beam digital shearography for full-field measurement of in-plane strain 31016
Hung Chen-I *see* Chen-I Hung
Hung Chen-Sheng *see* Chen-Sheng Hung
Hung Chien-Chung *see* Chien-Chung Hung
Hung Chuan-Chang *see* Chuan-Chang Hung
Hung Chuin-Chang *see* Jen Ming-Une 28999
Hung Hsien-Sen *see* Hsien-Sen Hung
Hung Keng-Shen *see* Keng-Shen Hung
Hung Lam Kam *see* Kam Hung Lam
Hung Le *see* Post, J. 38529

Hung Liao, Cale, T.S. Simulations of metal thin film thermal flow processes 54521
Hung Ly *see* Zhanqing Li 18802
Hung Quoc Nguyen *see* Nguyen Hung Quoc
Hung Shao-Pin *see* Chou Wayne-Shien 28840
Hung Sheung Lun *see* Lee Chung Sing Victor 16036
Hung Sheung-Lun *see* Sheung-Lun Hung
Hung Wong Wai *see* Wai Hung Wong
Hung Yi-Feng *see* Yi-Feng Hung
Hung Yi-Ping *see* Yi-Ping Hung
Hung Yu-Ming *see* Chou Wayne-Shien 28840
Hung Yuen A chain coding approach for real-time recognition of on-line handwritten characters 25752
Hung-Bao, T.M. *see* Garcia, S.G. 14690
Hung-Chi Lihn, Bocek, D., Kung, P., Settakorn, C., Wiedemann, H. Measurement of subpicosecond electron bunch lengths 18016
Hung-chun Chang *see* Cheng Wen Wu 23509
Hung-Chun Chang *see* Chih-Sheng Chang 13610
Hung-chun Chang *see* Tzong-Lin Wu 23510
Hung-Jen Lin *see* Chieh-Yuan Chao 43280
Hung-Ming Chi *see* Chung-Ju Chang 5735
Hung-Pin Shiao *see* Chang-Da Tsai 58753
Hung-Pin Shiao *see* Ching-Ting Lee 22427
Hung-Pin Shiao *see* Jan-Shing Su 2701
Hung-Sung Sung *see* Tzong-Chen Wu 5935
Hung-Sung Sung *see* Tzong-Chen Wu 14859
Hung-Tser Lin, Yao-Huang Kao Nonlinear distortions and compensations of DFB laser diode in AM-VSB lightwave CATV applications 3874
Hung-Yi Chen *see* Hsin-Teng Sheu 46274
Hung-Yi Tu *see* Hambrusch, S.E. 40758
Hung-Ying Tyan, Chao-Ju Hou, Bin Wang, Ching-Chih Han On supporting time-constrained communications in WDMA-based star-coupled optical networks 26764
Hung-Yu David Yang A spectral recursive transformation method for electromagnetic waves in generalized anisotropic layered media 45043
Hung-Yu Wang, Ching-Ting Lee Immittance function simulator using a single current conveyor 41317
Hung-Yuan Kuo, Tsai-Hsiang Chen Network models of Le Blanc transformers in phase coordinates 51781
Hungerford, S. *see* Sharrot, M. 6112
Hungse Cha, Rudnick, E.M., Patel, J.H., Iyer, R.K., Choi, G.S. A gate-level simulation environment for alpha-particle-induced transient faults 11240
Hunklinger, S. *see* Becker, H. 17572
Hunlich, R. *see* Model, R. 25518
Hunsanger, K. The district-heating power station concept of the Hamm city power station 38594
Hunseung Oh *see* Joonseo Yim 53334
Hunt, A. Micro-sensor applications in petroleum drilling and completion 51913
Hunt, A.J., Black, A.W. Unit selection in a concatenative speech synthesis system using a large speech database 14964
Hunt, A.J. *see* Miller, D. 50079
Hunt, B. *see* Bass, E.A. 29832
Hunt, B.R., Ott, E., Yorke, J.A. Fractal dimensions of chaotic saddles of dynamical systems 24883
Hunt, B.R. *see* Abousleman, G.P. 46255
Hunt, B.R. *see* Miller, C. 56965
Hunt, C. A model for solderability degradation 20997
Hunt, C. *see* Wickham, M. 22062
Hunt, C.E., Chakhovskoi, A.G. Phosphor challenge for field-emission flat-panel displays 58926
Hunt, C.E. *see* Bondar, V.D. 48783
Hunt, C.E. *see* Chakhovskoi, A.G. 55407
Hunt, C.E. *see* Coons, E.M. 32375
Hunt, C.E. *see* Perez-Rodriguez, A. 2081
Hunt, C.E. *see* Trujillo, J.T. 53939
Hunt, C.E. *see* Vossough, K.K. 40660
Hunt, D.H. *see* Nair, R. 26262
Hunt, E.R. *see* Johnson, G.A. 31070
Hunt, E.R. *see* Locher, M. 11158
Hunt, J., Khan, A., Stavrinou, P.N., Parry, G., Roberts, C., Button, C., Dunwoody, C. Systematic study into resonant cavity light-emitting diodes 33310
Hunt, J.H., Holmes, R.B., McCormick, F.B. Imaging via spatial light modulation at photon-counting light levels 33260
Hunt, J.T. *see* Widmayer, C.C. 23873
Hunt, J.W. *see* Vitkin, I.A. 49760
Hunt, M., Rowson, J.A. Blocking in a system on a chip 1043
Hunt, M.A. *see* Lau, H.Y. 59400
Hunt, M.E. *see* Johnson, G. 18687
Hunt, M.E. *see* Johnson, G. 37972
Hunt, R.N.M. *see* Pong, L.T. 38533
Hunt, R.N.M. *see* Pong, L.T. 38552
Hunt, R.T. *see* Yi-Hua Tang 36361
Huntao Hu *see* Zhang, Q.M. 12899
Hunteanu, H.I. *see* Beshlin, V.S. 48481
Hunter, A.T. *see* Pettersson, P.O. 52621
Hunter, D.K. Switch with large optical buffers (SLOB) for ATM traffic 26447
Hunter, D.K., Cotter, D., Ahmad, R.B., Cornwell, W.D., Gilfedder, T.H., Legg, P.J., Andonovic, I. 2×2 buffered switch fabrics for traffic routing, merging, and shaping in photonic cell networks 26793
Hunter, D.K., Lowe, E.D., Andonovic, I. Simplified routing and wavelength assignment in multi-fiber WDM grid networks 26847
Hunter, D.K., Lowe, E.D., Andonovic, I. Modelling of routing in multi-fibre WDM grid networks 58346
Hunter, D.K. *see* Cornwell, W.D. 58345
Hunter, I.C. *see* Khairuddin, I.U. 11210
Hunter, P. *see* Willis, B. 53806
Hunter, S.R. *see* Datskos, P.G. 7340
Hunter, T.R., Benford, D.J., Serabyn, E. Optical design of the Submillimeter High Angular Resolution Camera (SHARC) 17397
Hunter, T.R. *see* Ning Wang 17015
Hunter, W.R. Self-consistent solutions for allowed interconnect current density. I. Implications for technology evolution 22860
Hunter, W.R. Self-consistent solutions for allowed interconnect current density. II. Application to design guidelines 22861
Hunter, W.R. *see* Seely, J.F. 24297
Huntington, E.H. *see* Harb, C.C. 14193
Huntley, J.N. *see* Saldner, H.O. 46456
Huntley, M.S., Jr. *see* Oman, C.M. 59934
Hunziker, G., Paiella, R., Geraghty, D.F., Vahala, K.J., Koren, U. Polarization-independent wavelength conversion at 2.5 Gb/s by dual-pump four-wave mixing in a strained semiconductor optical amplifier 14152
Hunziker, G. *see* Paiella, R. 14179
Hunziker, G. *see* Paiella, R. 33682
Hunziker, S., Baechtold, W. Fiber dispersion induced nonlinearity in fiber-optic links with multimode laser diodes 36131
Hunziker, W. Low-cost packaging of semiconductor laser arrays 33475
Hunziker, W. *see* Gini, E. 16741
Huo Qiang *see* Qiang Huo
Huo Yujing *see* Yujing Huo
Huonker, R. *see* Nowak, H. 49514
Huopaniemi, J. *see* Mackenzie, J. 34759
Huoping Xin *see* W-Ping Xu 52757
Huoping Xin *see* Xin Huoping
Huot, J.-Y. Chemical effects on gassing of partially-discharged zinc powder in alkaline solutions 60984
Huot, J.-Y. *see* Daniel-Ivad, J. 61051
Huotari, M., Honkala, L., Ruikka, V., Mela, M. Responses of mosquito olfactory biosensor to human sweat odours and odour chemicals 27692
Huotari, M., Jaskari, M., Honkala, L., Ruikka, V., Mela, M. Response analysis of insect olfactory biosensor 27695
Huotari, M., Mela, M. Blowfly olfactory biosensor's sensitivity and specificity 17561
Huotilainen, M. *see* Laine, U.K. 15251
Huott, W.V. *see* Pelella, A.R. 1413
Huper, K., Helmké, U., Moore, J.B. Structure and convergence of conventional Jacobi-type methods minimizing the off-norm function 40090
Hupp, J.T. *see* Lemon, B.I. 2292
Huppert, D. *see* Poles, E. 2042
Huq, S.B. Ease system simulation with IBIS device models 31592
Huque Khan, M.Rezaul *see* Rezaul Huque Khan, M.
Hur, D. *see* Belikov, S. 22500
Hur, K. *see* Colomb, F. 34350
Hur, K.Y., Hetzler, K.T., McTaggart, R.A., Lemonias, P.J., Hoke, W.E. Effect of channel thickness on linearity of double pulse doped AlInAs/GaInAs/InP HEMTs 32443
Hur, T.W. *see* Ohshima, Y. 18083
Hur, Y., Szygenda, S.A. Bit representations of signal models in a domain specific automatic model generation system for digital simulation 31067
Hur, Y. *see* Szygenda, S.A. 31205
Hur, Y.-M., Shaikh, S., Goldenberg, S., Kacprzak, D., Szygenda, S.A. Concurrent fault and design error simulation in interactive simulation automation system 52950
Hur Jeen *see* Jeen Hur
Hur Namho *see* Namho Hur
Hur Tae Won *see* Tae Won Hur
Huray, L. Interoperable objects for distributed real-time systems 57874
Hurd, D.L., Austin, S.J., Gibbons, M.D. Imaging into the next millenium with the ENVISAT-1 advanced synthetic aperture radar (ASAR) 16910
Hurd, D.L. *see* Fowler, G.D. 16945
Hurd, D.L. *see* Richards, B.E. 50074
Hurd, H.L. Spectral correlation of randomly jittered periodic functions of two variables 4878
Hurd, H.L. *see* Dehay, D. 4668
Hurd, J.L. *see* van den Homberg, M.J.C. 22620
Hurd, J.L. *see* Van Den Homberg, M.J.C. 42704
Hurd, L. *see* Calzone, S. 35183
Hurd, S.N. *see* Papadakis, M. 9940
Hurd, T.Q., Schmidt, H.F., Rotondaro, A.L.P., Mertens, P.W., Hall, L.H., Heyns, M.M. Metal interactions with silica (SiO_2) surfaces: adsorption and ion exchange 42560
Hurd, T.Q. *see* Elsmore, C. 42464
Hurd, T.Q. *see* Teerlinck, I. 42561
Hurdle, J.F. The synthesis of compact fuzzy neural circuits 31447
Hurkx, G.A.M. The relevance of f_T and f_{max} for the speed of a bipolar CE amplifier stage 21506
Hurkx, G.A.M. The relevance of f_T and f_{max} for the speed of a bipolar CE amplifier stage 54779
Hurlbert, G.H., Mitchell, C.J., Paterson, K.C. On the existence of de Bruijn tori with two by two windows 34554
Hurlburt, G.F. Test and evaluation community network (TECNET) 8634
Hurlburt, H.E. *see* Silivra, A.A. 50086
Hurlburt, H.E. *see* Spiesberger, J.L. 50085
Hurley, E. *see* Bauguess, S. 42759
Hurley, K. *see* Turner, T.O. 59361
Hurley, N. Silicon and the set-top-box 31302
Hurley, P. *see* Kalnitsky, A. 54496
Hurley, P.K. *see* Kalnitsky, A. 54242
Hurley, W.G., Wolfle, W.H. Electromagnetic design of a magnetic suspension system 52045
Hurley, W.G. *see* Breslin, J.G. 11782
Hurley, W.G. *see* Butler, M. 19872
Hurm, V., Benz, W., Bronner, W., Fink, T., Kaufel, G., Kohler, K., Lao, Z., Ludwig, M., Raynor, B., Rosenzweig, J., Schlechtweg, M., Windscheif, J. 20 Gbit/s long wavelength monolithic integrated photoreceiver grown on GaAs 44318
Hurm, V. *see* Lao, Z. 40927
Hurm, V. *see* Lao, Z. 48001
Hurn, M.A., Mardia, K.V., Hainsworth, T.J., Kirkbride, J., Berry, E. Bayesian fused classification of medical images 18275
Hurrich, A., Hubler, P., Eggert, D., Kuck, H., Barthel, W., Budde, W., Raab, M. SOI-CMOS technology with monolithically integrated active and passive RF devices on high resistivity SIMOX substrates 21945
Hurrion, R.D. *see* Curram, S. 9027
Hurrle, A. *see* Faller, F. 39025
Hurst, A.T. *see* Granley, G.B. 3258
Hurst, J.P., Singh, A.D. A differential built-in current sensor design for high-speed IDDQ testing 21545
Hurst, M.J. *see* Muron, D.J. 36669
Hurst, P.J. *see* Brown, J.E.C. 3228
Hurst, P.J. *see* Kajley, R.S. 41350
Hurst, P.J. *see* Rothenberg, B.C. 1404
Hurst, P.J. *see* Shih, T. 21836
Hurst, P.J. *see* Thanh, C. 1521
Hurst, W. *see* Meier, U. 14993
Hurt, M. *see* Ytterdal, T. 43123
Hurt, M.K. *see* Kamath, G.M. 30994
Hurtig, E., Grosswig, S., Kuhn, K. Distributed fibre optic temperature sensing: a new tool for long-term and short-term temperature monitoring in boreholes 60568
Hurton, C.J. *see* Kassakian, J.G. 29835
Hurui, S. *see* Obta, H. 31601
Hurwitz, A. *see* Boning, D.S. 42492
Hurwitz, A. *see* Zhe Ning 30184
Hurych, Z. *see* Aristov, V.Yu. 2238
Hurych, Z. *see* Semond, F. 2239
Husain, M. *see* Khan, Z.H. 3316
Husain, M. *see* Khan, Z.H. 54118
Husain, M. *see* Manzar Malik, M. 54116
Husain, S. *see* Min, B.Y. 52292
Husain, S.S. *see* Burke, M. 47261
Husar, P., Henning, G. Bispectrum analysis of visually evoked potentials 28371
Husby, D., Chew, P., Sterner, K., Selove, W. Design of a secondary-vertex trigger system for a hadron collider 37509
Husby, D. *see* Antos, J. 37373
Husein, I.F., Qin, S., Zhou, Y.-Z., Chan, C. Plasma immersion ion implantation for materials modification and semiconductor processing: carbon nitride films and poly-Si TFTs hydrogenation 42394
Husek, I. *see* Kovac, P. 13490
Huser, H. Universal programming system. Practical examples of a system for computer-aided quality and process control 10186
Huser, P.-A. *see* Baumgartner, E. 16189
Hush, N.S. *see* Reimers, J.R. 53818
Hush, N.S. *see* Reimers, J.R. 53819
Husic, S. *see* Vojvodic, D. 37696
Huslak, N.S., Wright, S.A., Chatterjee, A. Beyond private networks: impact of PNNI on broadband networking and services 25985
Husman, M.S., Guo, Y. Estimating accuracy and precision for an SMD placement system 39789
Husnay, R.M. *see* Patti, J.J. 58215
Huson, F.R. *see* Watts, L.C. 32940
Huson, M.L., Sen, A. Scheduling algorithms for packet radio networks 47550
Husovsky, D. *see* Thompson, J. 19894
Husoy, J.H. *see* Oien, G.E. 49745
Husoy, J.Hakon *see* Hakon Husoy, J.
Hussain, A., Campbell, D.R., Moir, T.J. New adaptive nonlinear FIR filters for sub-band processing in speech enhancement systems 34703
Hussain, A., Elmirghani, J.M.H., Cryan, R.A. Realisation and implementation of an optimised post-detection filter for a 10 Gbit/s dispersive transmission system using single-mode fibre 6766
Hussain, A., Elmirghani, J.M.H., Cryan, R.A. Chromatic dispersion penalty in lightwave EDFA PPM systems 26844
Hussain, A. *see* Alkulaibi, A. 46547
Hussain, A. *see* Das, A.K. 48910
Hussain, A.B. *see* Kakkar, S. 47245
Hussain, B., Beck, C.E., Wiedman, T.E., Sufana, C.R. Transmission system protection: a reliability study 50629
Hussain, K., Saha, T.N. Optimal power flow–a survey 8791
Hussain, M.A. *see* Yu, K.-B. 27050

Hussain, O.M. *see* Sesha Reddy, M. 54141
Hussain, S.S., Yih-Chyun Jenq Analysis and optimization of a Banyan based ATM switch by simulations 57572
Hussain, S.S. *see* Amin, M. 60836
Hussein, E., Nakamura, Y., Ohta, Y. Analysis of detailed patterns of contour shapes using wavelet local extrema 5388
Hussein, K. *see* Mora, F.P. 16374
Hussein, M.L., Abdel Aaty Maaty, M. The stability notions for fuzzy nonlinear programming problem 30474
Hussell, C.P., Ramaswamy, R.V. High-index overlay for high reflectance DBR gratings in $LiNbO_3$ channel waveguides 55275
Hussey, B.W. *see* Chang, T.H.P. 22673
Hussey, B.W. *see* Chang, T.H.P. 54555
Hussey, B.W. *see* Kratschmer, E. 24367
Hussey, B.W. *see* Yu, M.L. 22151
Hussey, C.D. *see* O'Sullivan, P.F. 33031
Hussey, C.L. *see* Qing Liao 52741
Hussey, G.C., Koehler, J.A., Sofko, G.J. Polarization of auroral backscatter at 50 MHz 60045
Hussey, R.J. *see* Lu, Z.H. 54399
Hussin, Y.A., Shaker, S.R. Optical and radar satellite image fusion techniques and their applications in monitoring natural resources and land use changes 27033
Hussman, K.L., Ward, B.A., McKhann, C.F., Pustilnick, S.M., Tocino, I., Horvath, L.J., Philpotts, L.E., Lee, C.H. Optical breast lesion localization fiber: preclinical testing of a new device 37648
Husson, D. *see* Bauer, C. 37326
Husson, D. *see* Bauer, C. 37378
Husson, D. *see* Gamache, C. 33448
Husson, D. *see* Ghis, A. 53081
Husson, E. *see* Malki, E. 2901
Husson, E. *see* Proust, C. 52846
Husson, R. *see* Courox, W. 56833
Huston, D.R., Beynnon, B., Krag, M. Smart structures technology and biomechanics research 18533
Huston, D.R., Krag, M. Halo vest instrumentation 18493
Huston, D.R., Spillman, W.B., Jr., Claus, R.O., Ayra, V., Zabaronick, N. Vehicle classification by pattern matching gage sensors 20152
Huston, D.R. *see* Neary, T.E. 10988
Huston, D.R. *see* Spillman, W.B., Jr. 46058
Huston, D.R. *see* Spillman, W.B., Jr. 48584
Huston, J., III *see* Yi Wang 7986
Huston, L. *see* Newman, P. 25928
Hutchby, J. *see* Venkatasubramanian, R. 32045
Hutchby, J.A. *see* Venkatasubramanian, R. 38973
Hutchens, C.G. *see* Shoemaker, P.A. 21858
Hutchens, S., Jr. ISO 9000: Registration Accreditation Board 29974
Hutcherson, R.K. *see* Roush, R.A. 50228
Hutcheson, R.L. *see* Equall, R. 14410
Hutchings, B.L., Wirthlin, M.J. Implementation approaches for reconfigurable logic applications 11316
Hutchings, B.L. *see* Bakkes, P.J. 21716
Hutchings, B.L. *see* Clark, D.A. 21720
Hutchings, B.L. *see* Petersen, R.J. 15230
Hutchings, D.C. *see* Aitchison, J.S. 33720
Hutchins, D.A. *see* Bashford, A.G. 38131
Hutchins, D.A. *see* Schindel, D.W. 60122
Hutchins, J.W. *see* Morton, R. 12442
Hutchinson, A.L. *see* Capasso, F. 14180
Hutchinson, A.L. *see* Scamarcio, G. 42222
Hutchinson, A.L. *see* Sirtori, C. 3906
Hutchinson, A.L. *see* Sirtori, C. 14091
Hutchinson, A.L. *see* Sirtori, C. 14188
Hutchinson, A.L. *see* Sirtori, C. 33538
Hutchinson, B. *see* Pham, A. 39819
Hutchinson, E.B., Hynynen, K. Evaluation of an aperiodic phased array for prostate thermal therapies 28417
Hutchinson, J.A. *see* Chandra, S. 44371
Hutchinson, J.A. *see* Wu, R. 23845
Hutchinson, J.M.R. *see* Cheng, Y.T. 18927
Hutchinson, M. *see* Angino, G. 48115
Hutchinson, M.H.R. *see* Ditmire, T. 14274
Hutchinson, P. *see* Jennings, C. 50845
Hutchinson, S. *see* Castano, R.L. 5469
Hutchinson, S.A., Ng, K.T., Shadid, J.N., Nadeem, A. Electrical defibrillation optimization: an automated, iterative parallel finite-element approach 49748
Hutchinson, S.B. *see* Nighan, W.L., Jr. 14081
Hutchinson, T.F. Automation of the ANSI C119.4-1991 connector test 50615
Hutchison, D. *see* Ball, F. 25880
Hutchison, D. *see* De Rezende, J.F. 5859
Hutchison, D. *see* Kim, K. 47126
Hutchison, D. *see* Pegler, D. 47345
Hutchison, D. *see* Waddington, D.G. 16423
Hutchison, J.L. *see* Bhat, J.C. 22501
Hutchison, J.L. *see* Mazzer, M. 31995
Hutchison, J.L. *see* Salata, O.V. 30868
Hutchison, J.M.S. *see* Seton, H.C. 37753
Huterer, J. Staff training program of CANDU nuclear projects in Saskatoon 29034
Huth, J. *see* Antos, J. 37373
Huth, S. DC/DC-converters in parallel operation with digital load distribution control 9410
Huth, S. The influence of optimal programmed pulse width modulation on the static and dynamic output behaviour of a digital controlled DC/DC-converter 51177
Huth, T. *see* Wernicke, G. 33744
Huther, K. Advanced methods of non-destructive innerlayer distortion measurement and optimized multilayer manufacture 11962
Hutin, J.-P. EdF four-loop PWR units in their first year of operation 9026
Hutschenreuther, T. *see* Schill, A. 5944
Huttel, E. *see* Campajola, L. 7751
Huttemann, P. *see* Neubauer, O. 48842
Hutten, A. *see* Dorr, M. 55079
Hutten, H., Schreier, G., Grasser, B., Prenner, G., Iberer, F., Tscheliessnigg, K., Schaldach, M. Comparison of intramyocardial electrograms measured at different sites in heart transplant patients 37789
Hutten, H. *see* Scharfetter, H. 49716
Hutten, H. *see* Schreier, G. 28362
Hutten, H. *see* Schreier, G. 49735
Hutten, H. *see* Schreier, G. 59571
Hutten, P.F.van *see* van Hutten, P.F.
Huttenbrink, K.-B. *see* Vogel, U. 37637
Huttenbrink, K.-B. *see* Vogel, U. 37715
Huttenbrink, K.-B. *see* Zahnert, T. 59457
Huttenen, H. *see* Melnik, V.P. 15930
Huttenlocher, D.P. *see* Olson, C.F. 25633
Hutter, K. *see* Sadiki, A. 44913
Hutter, L. *see* Chin-Yu Tsai 43347
Huttl, B., Velthaus, K.O., Troppenz, U., Mauch, R.H. Luminescence properties of $SrS:Ce^{3+}$, Cl thin films 55411
Huttl, B. *see* Plant, T.K. 55436
Huttl, B. *see* Troppenz, U. 55437
Huttlin, G. *see* Litz, M.S. 53975
Huttner, B., Imoto, N., Barnett, S.M. Short distance applications of quantum cryptography 34587
Huttner, B. *see* Bihan, E. 14791
Huttner, B. *see* Muller, A. 34546
Huttner, B. *see* Zbinden, H. 45623
Hutton, A. *see* Kirstein, P.T. 6237
Hutton, B.F. *see* Ardekani, B.A. 8006
Hutton, B.F. *see* Eberl, S. 37632
Hutton, B.F. *see* Narita, Y. 8005
Hutton, D.A. *see* Strickland, R.N. 25728
Hutton, J. Economics and technology 18167
Hutton, J.F., Betzos, G.A., Schaffer, M., Mitkas, P.A. Error correcting codes for page-oriented optical memories 32987
Hutton, R.S. *see* Nalamasu, O. 42826
Hutton, W.W.Ascroft *see* Ascroft Hutton, W.W.
Huttunen, H. *see* Koivisto, P. 4845
Huttunen, K. *see* Koivisto, P. 46494
Hutzel, W.J. An interdisciplinary solar energy project 20598
Huu, B.T. *see* Halasz, S. 9323
Huu Bui Tin *see* Bui Tin Huu
Huu-Nghia Vuong *see* Bazargan-Sabet, P. 31061
Huupponen, E., Varri, A., Hasan, J., Saarinen, J., Kaski, K. Sleep arousal detection with neural network 59628
Huuskonen, A. *see* Lehtinen, M.S. 60068
Huwang Longcheen *see* Longcheen Huwang
Huxtable, D. *see* Rodgers, D.H. 59861
Huy Hoang Anh *see* Hoang Anh Huy
Huy Nguyen, Roy, R., Chatterjee, A. Impact of partial reset on fault independent testing and BIST 53190
Huyart, B. *see* Gasmi, A. 43135
Huyart, B. *see* Gasmi, A. 58109
Huyart, B. *see* Wiedmann, F. 27868
Huybrechts, C., Pasini, A. On $C^{n-2}.C^*$ geometries of order 2 465
Huynen, I. *see* Raskin, J.P. 11745
Huyng-Iae Back *see* In-Su Cha 19778
Huynh, L., Nilsson, A. End-to-end proportional bandwidth allocation with a new adaptive rate-based congestion algorithm 35483
Huynh, L., Nilsson, A. Proportional bandwidth allocation with a new adaptive rate-base congestion control algorithm 46703
Huynh, Q. *see* Lee, N. 34901
Huynh, Q.Q., Cooper, L.N., Intator, N., Shouval, H. Classification using feature extraction based on time-frequency analysis and BCM theory 34939
Huynh, T. *see* Harris, T.M. 30852
Huynh Son *see* Son Huynh
Huynh Tue *see* Tue Huynh
Huynj, T. *see* Lee, K.F. 34356
Hvam, J.M. *see* Gislason, H. 773
Hvam, J.M. *see* Keil, U.D. 22482
Hvam, J.M. *see* Keil, U.D. 44241
Hvam, J.M. *see* Langbein, W. 2214
Hvam, J.M. *see* Mizeikis, V. 42221
Hvam, J.M. *see* Mizeikis, V. 54195
Hvilsted, S. *see* Holme, N.C.R. 44758
Hvizd, J.J., Dieffenbach, O.W. APALS™ program status, pre-production flight test results and production implementation 18645
Hwa Chang Chong *see* Chong Hwa Chang
Hwa Chung Se *see* Se Hwa Chung
Hwa Jang Soon *see* Soon Hwa Jang
Hwa Kim Byoung *see* Byoung Hwa Kim
Hwa Ko Hyung *see* Hyung Hwa Ko
Hwa Lee Jong *see* Jong Hwa Lee
Hwa Lee Sang *see* Sang Hwa Lee
Hwa Wu *see* Ying-Yu Tzou 9627
Hwa-Joon Oh *see* Salam, F.M.A. 1674
Hwa-Seok Lee, Jung-Gil Han, June-Ho Park A study on high impedance fault detection using neural networks in power distribution systems 50545
Hwa-Young Um *see* Sook-Jin Lee 58186
Hwackjoo Lee *see* Hyeongtag Jeon 42696
Hwai-Der Shann *see* Wen-Yen Chiang 42851
Hwai-Tsu Chang *see* Ching-Tang Chang 11504
Hwai-Tsu Hu, Hsen-Hsin Chou A scaling approach to studying voice conversion between different genders 34647
Hwaja Chung *see* Sangjoong Kim 46303
Hwakyung Rim, Sungchun Kim Heuristic cell partitioning scheme based on min-cut scheme in cellular networks 58237
Hwalick, R.M. *see* Suri, J.S. 18247
Hwan, M. Taguchi methods in the semiconductor world: concepts and applications 39910
Hwan Bae Sung *see* Sung Hwan Bae
Hwan Choi Hyek *see* Hyek Hwan Choi
Hwan Chung Hoi *see* Hoi Hwan Chung
Hwan Han Dong *see* Dong Hwan Han
Hwan Jin Choi, Yung Hwan Oh Analysis of intention in spoken dialogue based on learning of intention dependent sentence patterns 4588
Hwan Jun Byung *see* Byung Hwan Jun
Hwan Jung Chul *see* Chul Hwan Jung
Hwan Kim Il *see* Il Hwan Kim
Hwan Kim Jeong *see* Jeong Hwan Kim
Hwan Kim Jong *see* Jong Hwan Kim
Hwan Kim Kee *see* Kee Hwan Kim
Hwan Kim Sung *see* Sung Hwan Kim
Hwan Kim Yee *see* Yee Hwan Kim
Hwan Kung Sang *see* Sang Hwan Kung
Hwan Kwon Kyoung *see* Kyoung Hwan Kwon
Hwan Lee Choong *see* Choong Hwan Lee
Hwan Lee Do *see* Do Hwan Lee
Hwan Lee Young *see* Young Hwan Lee
Hwan Oh Cha *see* Cha Hwan Oh
Hwan Oh Chang *see* Chang Hwan Oh
Hwan Oh Myung *see* Myung Hwan Oh
Hwan Oh Yung *see* Yung Hwan Oh
Hwan Park, J. *see* Suk, H.C. 9067
Hwan Ra Keuk *see* Keuk Hwan Ra
Hwan Sool Oh *see* Yoon Ho Chung 43015
Hwan Yi Seung *see* Seung Hwan Yi
Hwan Yim Chu *see* Chu Hwan Yim
Hwan-Keun Lee *see* Jong-Seon No 24622
Hwan-Sul Chun *see* Koizumi, T. 17339
Hwang, B. *see* Scaduto, A.F. 42802
Hwang, B.K. *see* Lee, H.J. 1355
Hwang, C. Analysis of some systematic errors affecting altimeter-derived sea surface gradient with application to geoid determination over Taiwan 48894
Hwang, C., Motamed, A., Ismail, M. Theory and design of universal low-voltage opamps 21505
Hwang, C.-Y., Schurman, M.J., Mayo, W.E., Lu, Y.-C., Stall, R.A., Salagaj, T. Effect of structural defects and chemical impurities on Hall mobilities in low pressure MOCVD grown GaN 54091
Hwang, C.-Y. *see* Li, Y. 12779
Hwang, C.C. *see* Yang, S.Y. 48055
Hwang, C.G., Lee, S.I., Lee, M.Y. The state of the art and future trends in DRAMs 1386
Hwang, C.G. *see* Sim, S.P. 41168
Hwang, C.J. *see* Wang, S.C. 217
Hwang, C.J. *see* Wang, S.C. 12824
Hwang, C.L. *see* Muller, K.P. 41164
Hwang, C.S., Chang, C.H., Fan, T.C., Uen, T.M., Tseng, P.K. Magnetic field features of various magnetic circuits on the sextupole magnet 7723
Hwang, C.S., Chang, C.H., Tseng, P.K., Uen, T.M., Le Duff, J. Different kinds of analysis methods on a rectangular combined function bending magnet 37043
Hwang, C.S. *see* Kang, C.S. 2905
Hwang, C.Y., Li, Y., Schurman, M.J., Mayo, W.E., Lu, Y., Stall, R.A. The role of impurities in LP-MOCVD grown gallium nitride 12266
Hwang, D.J. *see* Kim, S.S. 52043
Hwang, D.J. *see* Lim, K.E. 58587
Hwang, D.J. *see* Park, G.C. 26359
Hwang, D.K., Ruzyllo, J., Kamieniecki, E. Monitoring of silicon surface after reactive ion etching 42468
Hwang, E.H., Das Sarma, S. Electron-phonon and electron-electron interactions in one-dimensional GaAs quantum wire nanostructures 42099
Hwang, F.C. *see* Yang, H.-P.D. 41467
Hwang, F.K., Wright, P.E. Efficient algorithms for the reliabilities of replicated n-parallel-task graphs 10207
Hwang, F.K., Yao, Y.C., Grammatikakis, M.D. A d-move local permutation routing for the d-cube 35419
Hwang, F.K. *see* Hyun Yeop Lee 5896
Hwang, G.S., Giapis, K.P. On the origin of the notching effect during etching in uniform high density plasmas 42577
Hwang, G.S. *see* Anderson, C.M. 54489
Hwang, H.-J. *see* Lee, J.-H. 2327
Hwang, H.-J. *see* Lee, J.-H. 42608
Hwang, H.-J. *see* Son, M.-S. 54345
Hwang, H.H., Louie, A. Synchronization of second-generation wind turbine generators with power systems 29169
Hwang, H.H., Louie, A. Digital simulation of dynamic stability of wind turbine generators connected to power systems 60623
Hwang, H.H., Louie, A. Digital simulation of synchronization of wind turbine generators with large power systems 60624
Hwang, H.J. *see* Lee, J.H. 12743
Hwang, H.L. *see* Wang, K.C. 882

Hwang, H.Y., Lee, C.B., Park, T.S., Kim, H.J. A new method for isomer lifetime measurement 37289
Hwang, I.C. *see* Kim, C.W. 1282
Hwang, I.K. *see* Na, N.J. 29004
Hwang, J., Ueno, T., Tomabechi, Y., Matsumura, K. Variation of resonance frequency of disk resonator coupled with external circuit 13409
Hwang, J. *see* Chun-Li Hou 53066
Hwang, J. *see* Guo, W.H. 42263
Hwang, J. *see* Tomabechi, Y. 11674
Hwang, J.C. *see* Chen, C.S. 60964
Hwang, J.C. *see* Sagioka, K. 33654
Hwang, J.C.M. *see* Chen Xiaojian 1721
Hwang, J.C.M. *see* Leoni, R.E. 32447
Hwang, J.C.M. *see* Shirokov, M.S. 32345
Hwang, J.C.M. *see* Wei, C.-J. 21912
Hwang, J.D., Fang, Y.K., Song, Y.J. Transparent contacts to β-SiC for optical electronic device applications 2254
Hwang, J.H. *see* Paik, J.H. 57220
Hwang, J.M. *see* Rodder, M. 53278
Hwang, J.S., Chou, W.Y., Tyan, S.L., Wang, Y.C., Shen, H. The electric field measuring by phase selective photoreflectance 22328
Hwang, J.S., Guo, Z. Reflow cooling rate vs solder joint integrity. I 39841
Hwang, K. *see* Luo, H.J. 43097
Hwang, K.C. *see* Huang, Y. 30208
Hwang, K.C. *see* Lee, K.Y. 21658
Hwang, R.L. *see* Yang, K.H. 20248
Hwang, S.-J., Chang, C.-C. A dynamic secret sharing scheme with cheater detection 24763
Hwang, S.-M., Zou, X.Y., Huang, S.H., Shieh, W., Willner, A.E. Passive equalization of four 2.5-Gbit/s WDM channels over 1,000 km using notch filters 26807
Hwang, S.-M. *see* Kim, S.-I. 52650
Hwang, S.H. *see* Choi, H. 1302
Hwang, S.T. *see* Lee, Y.W. 14001
Hwang, S.W., Sakamoto, T., Nakamura, K. Observation of universal exponent in a high mobility two-dimensional electron system in the integer quantum Hall effect 12473
Hwang, T. *see* Chow, S.-H. 31217
Hwang, T.-H. *see* Jean, F.R. 7112
Hwang, T.-S. *see* Lin, B.-R. 51376
Hwang, T.T. *see* Lin, K.-H. 11299
Hwang, W.-Y. *see* Kochhar, R. 7361
Hwang, W.-Y. *see* Kochhar, R. 40428
Hwang, W.G. *see* Jhung, M.J. 9065
Hwang, W.J. *see* Yang, K.H. 20248
Hwang, W.L., Chang, F. Character extraction from documents using wavelet maxima 25616
Hwang, Y., Zhang, Y.P., Luk, K.M., Yung, E.K.N. Gain-enhanced miniaturised rectangular dielectric resonator antenna 45387
Hwang, Y. *see* Lai, R. 41496
Hwang, Y. *see* Lo, T.K. 24571
Hwang, Y. *see* Onishi, S. 43589
Hwang, Y. *see* Wang, H. 11721
Hwang, Y. *see* Zhang, Y.P. 33989
Hwang, Y. *see* Zhang, Y.P. 34082
Hwang, Y.S. *see* Stutman, D. 36666
Hwang Chang-Gyu *see* Chang-Gyu Hwang
Hwang Chang-Sun *see* Chang-Sun Hwang
Hwang Changku *see* Changku Hwang
Hwang Cheng-Tsung *see* Cheng-Tsung Hwang
Hwang Cheol Seong *see* Cheol Seong Hwang
Hwang Chi-Chuan *see* Chi-Chuan Hwang
Hwang Chi-Hong *see* Chi-Hong Hwang
Hwang Chia-Lin *see* Chia-Lin Hwang
Hwang Chien-Meen *see* Chien-Meen Hwang
Hwang Chong-Sun *see* Chong-Sun Hwang
Hwang Chorng-Sii *see* Chorng-Sii Hwang
Hwang Daw-Shang *see* Daw-Shang Hwang
Hwang Don-Ha *see* Don-Ha Hwang
Hwang Eui-Hyeon *see* Eui-Hyeon Hwang
Hwang Eui-Sik *see* Eui-Sik Hwang
Hwang Hong-Yeon *see* Hong-Yeon Hwang
Hwang Hsien-Kuei *see* Hsien-Kuei Hwang
Hwang Huan-Sheng *see* Huan-Sheng Hwang
Hwang Hyung-Joon *see* Hyung-Joon Hwang
Hwang Hyunsang *see* Hyunsang Hwang
Hwang In-Ho *see* In-Ho Hwang
Hwang Inseok *see* Inseok Hwang
Hwang Jen-Sheng *see* Jen-Sheng Hwang
Hwang Jenq-Neng *see* Jenq-Neng Hwang
Hwang Jeong Mo *see* Jeong Mo Hwang
Hwang Jeongmo *see* Jeongmo Hwang
Hwang Jin *see* Jin Hwang
Hwang Jiunn Rong *see* Jiunn Rong Hwang
Hwang Jong Keun *see* Jong Keun Hwang
Hwang Jong-Ching *see* Chen Chao-Shun 60318
Hwang Jong-Gyu *see* Jong-Gyu Hwang
Hwang Jungyeon *see* Jungyeon Hwang
Hwang Keh-Chih *see* Keh-Chih Hwang
Hwang Ki-Hyun *see* Ki-Hyun Hwang
Hwang Liming *see* Liming Hwang
Hwang Mei-Yuh *see* Mei-Yuh Hwang
Hwang Ming-Jiu *see* Ming-Jiu Hwang
Hwang Myung-Whan *see* Myung-Whan Hwang
Hwang Nam *see* Nam Hwang
Hwang Nara *see* Nara Hwang
Hwang Ruei-Zong *see* Ruei-Zong Hwang
Hwang Ryu Jae *see* Jae Hwang Ryu
Hwang San-Yih *see* San-Yih Hwang
Hwang Santai *see* Santai Hwang
Hwang Seok Yoon *see* Seok Yoon Hwang
Hwang Seong-Don *see* Seong-Don Hwang
Hwang Seong-Min *see* Seong-Min Hwang
Hwang Seung Ku *see* Seung Ku Hwang
Hwang Shih-Arn *see* Shih-Arn Hwang
Hwang Shu-Yuen *see* Shu-Yuen Hwang
Hwang Shyh-Shen *see* Shyh-Shen Hwang
Hwang Sun Jun *see* Sun Jun Hwang
Hwang Sun Young *see* Sun Young Hwang
Hwang Sun-Young *see* Sun-Young Hwang
Hwang Sung Min *see* Sung Min Hwang
Hwang Sung-Min *see* Sung-Min Hwang
Hwang Tae Jin *see* Tae Jin Hwang
Hwang Tai-Hwei *see* Tai-Hwei Hwang
Hwang Teng-Shang *see* Teng-Shang Hwang
Hwang Thunter *see* Thunter Hwang
Hwang Ting-Kai *see* Ting-Kai Hwang
Hwang TingTing *see* TingTing Hwang
Hwang Tzonelih *see* Tzonelih Hwang
Hwang Wei *see* Wei Hwang
Hwang Wein-Kuen *see* Wein-Kuen Hwang
Hwang Wen-Jyi *see* Wen-Jyi Hwang
Hwang Wen-Liang *see* Wen-Liang Hwang
Hwang Wen-Shyang *see* Wen-Shyang Hwang
Hwang Wen-Yen *see* Wen-Yen Hwang
Hwang Wol-Yon *see* Wol-Yon Hwang
Hwang Yin-Tsung *see* Yin-Tsung Hwang
Hwang Young Mo *see* Young Mo Hwang
Hwang Young-Mon *see* Young-Mon Hwang
Hwang Young-Nam *see* Young-Nam Hwang
Hwang-Bo Seung *see* Seung Hwang-Bo
Hwang-Cheng Chiang, Jie-Cherng Liu A regressive structure for on-line computation of arbitrary length DCT-IV and DST-IV transforms 15158
Hwang-Kyu Choi *see* Han-Yang You 6049
Hwang-Seok Oh, Heung-Kyu Lee Adaptive rate control scheme for very low bit rate video coding 15949
Hwang-Seok Oh *see* Gun-Han Park 26366
Hwang-Seok Oh *see* Yunju Baek 15948
Hwangbo, C.K. *see* Cho, H.J. 40582
Hwangbo Seung *see* Seung Hwangbo
Hwangkhunnatham, M. *see* Leelarasmee, E. 52962
Hwankyu Cho *see* Saeyang Yang 11373
Hwann-Kaeo Chiou, Yu-Ru Juang, Hao-Hsiung Lin Miniature MMIC star double balanced mixer using lumped dual balun 41502
Hwarng, H.B. A neural network approach to identifying cyclic behaviour on control charts: a comparitive study 20960
Hwayaw Tam *see* Wai Sing Man 16786
Hwayuh Shin *see* Shin Hwayuh
Hwi Shin Jae *see* Jae Hwi Shin
Hwi-Beom Shin *see* Hyeong-Gil Joo 51099
Hwu, R.J. *see* Sadwick, L.P. 1918
Hwu, R.J. *see* Xudong Wang 44245
Hwu, R.J. *see* Xudong Wang 53688
Hwu, S.U., Johnson, L.A., Panneton, R.J. Solar panel scattering effects on reflector antenna performance 56121
Hwu, Y., Cheng, N.F., Lee, S.-D., Tung, C.Y., Almeras, P., Berger, H. Chemical inhomogeneity and reactions of BiSrCaCuO surfaces detected by synchrotron imaging spectromicroscopy 13478
Hwu Jenn-Gwo *see* Jenn-Gwo Hwu
Hy Wentao *see* Wentao Hy
Hyang Kyun Kim *see* Chang-Hee Lee 16708
Hyang-beom Lee, Hyun-Kyo Jung, Song-yop Hahn, Kyung Choi, Hyoung-Joong Kim On the convergence rate improvement of ICCG solver on the FE mesh 51022
Hyang-beom Lee *see* Hyoung Joong Kim 51852
Hyang-Beom Lee *see* Il-Han Park 44960
Hyang-beom Lee *see* Yangsoo Lee 51021
Hyatt, H. *see* Barth, J. 24350
Hyatt, H. *see* Henry, L.G. 24345
Hybertsen, M.S., Ackerman, D.A., Shtengel, G.E., Morton, P.A., Kazarinov, R.F., Baraff, G.A., Tanbun-Ek, T., Logan, R.A. Modeling and experimental characterization of optical gain in InGaAsP-based lasers 33485
Hybertsen, M.S. *see* Pasquarello, A. 2285
Hybler, J., Svagr, V. The equipment for measuring of concentration profiles using the spreading resistance method 42416
Hybler, T. *see* Jinxing Shen 44964
Hyde, O., Hodnett, P.F. An adaptable automated procedure for short-term electricity load forecasting 50468
Hyde, S.C.W. *see* Dowling, K. 27653
Hyde, T.A. *see* Branagan, D.J. 3039
Hyde, T.A. *see* Sellers, C.H. 32788
Hyden, E. *see* Agrawal, F. 26648
Hye Rim Kim *see* Beom-hoan O 23977
Hye Rim Kim *see* Beom-Hoan O 24016
Hye Yong Chu, Byueng-Su Yoo, Min Soo Park, Hyo-Hoon Park Polarization control of vertical-cavity surface-emitting lasers by tilted-etching of cavity 24007
Hye Yong Chu *see* Hyo-Hoon Park 3820
Hye Yong Chu *see* Hyo-Hoon Park 24004
Hye-Rim Kim, Jeong Soo Kim, Hyung Mun Kim, Heung Ro Choo, Hong Man Kim, Kwang Eui Pyun The effect of strain on the dielectric constants of strained $In_{0.7}Ga_{0.3}As_yP_{1-y}$ films 32650
Hye-Sook Park, Ables, E., Bionta, R.M., Ott, L., Parker, E., Akerlof, C., Lee, B., Wallace, S., Barthelmy, S., Butterworth, P., Cline, T., Gehrels, N., Fishman, G., Kouveliotou, C., Meegan, C., Ferguson, D. Gamma Ray burst Optical Counterpart Search Experiment (GROCSE) 58842
Hye-Yeoun Kweon *see* Jin-Up Kim 47579
Hyek Hwan Choi *see* Sung Hyun Park 36773
Hyeok Lee Jong *see* Jong Hyeok Lee
Hyeokhee Lee *see* Kyung Hee Lee 26273
Hyeon, J.Y. *see* Dadgar, A. 42373
Hyeon, S.S. *see* Yamamoto, M. 15820
Hyeon Kim Ji *see* Ji Hyeon Kim
Hyeon Rhee Seung *see* Seung Hyeon Rhee
Hyeon Soo Kim *see* Jeong Hun Choi 47306
Hyeon-Deok Lee *see* Myoung-Bum Lee 41540
Hyeon-Seag Kim, Gilmer, D.C., Campbell, S.A., Polla, D.L. Leakage current and electrical breakdown in metal-organic chemical vapor deposited TiO_2 dielectrics on silicon substrates 12577
Hyeon-Seag Kim *see* Campbell, S.A. 22798
Hyeon-Sik Shin *see* Jong-Arm Jun 58077
Hyeong Cho Gyu *see* Gyu Hyeong Cho
Hyeong Joon Kim *see* Ho Jin Cho 52801
Hyeong Joon Kim *see* Wook Bahng 21227
Hyeong Park, Anderson, E. Application of flash memory for use in low earth orbit 1380
Hyeong Park Seop *see* Seop Hyeong Park
Hyeong Seok Lim *see* Chung Ho Cho 16101
Hyeong Song Jong *see* Jong Hyeong Song
Hyeong-Ah Choi *see* Hongsik Choi 26881
Hyeong-Ali Choi *see* Sang-Kyu Lee 58404
Hyeong-Gil Joo, Chang-Gyun Kim, Hwi-Beom Shin, Myung-Joong Youn Detection of three-phase currents in space-vector PWM inverters with only one DC link current sensor 51099
Hyeong-Ho Lee, Borin, V.N., Varivodov, V.N. Dielectric strength of SF_6 insulation in EHV disconnectors 60946
Hyeong-Kyo Kim *see* Kyu-Sik Park 57209
Hyeong-Pyo Hong *see* Yang-Gyun Oh 29002
Hyeong-Seok Kim *see* Seung-Hyun Song 41557
Hyeongmin Jeon, Chongmu Lee, Hatta, A., Ito, T., Sasaki, T., Hiraki, A. Large-area diamond nucleation on Si substrate by ECR plasma CVD 30884
Hyeongtag Jeon, Hyungbok Choi, Taehang Ahn The removal of metallic impurities with using UV/O_3 and a HF chemical solution 22600
Hyeongtag Jeon, Sukjae Lee, Hwackjoo Lee, Hyun Ruh Amorphous phase formation of titanium silicide on the 4° off-axis and on-axis Si(100) substrates 42696
Hyeongtag Jeon *see* Jong-Wan Park 52776
Hyeoun-Dong Lee *see* Jung-Ik Ha 29789
Hyer, P.V. Use of infrared imagery in characterization of chemical vapor deposition reactors 48657
Hyer, S.A., Johnston, J.J., Roe, C.L. Integration of the Evolved Seasparrow Missile into ships of the NATO Seasparrow Consortium navies 8637
Hyesook Lim, Swartzlander, E.E., Jr. Efficient systolic arrays for FFT algorithms 4800
Hyesook Lim, Swartzlander, E.E., Jr. Multidimensional systolic arrays for multidimensional DFTs 21753
Hygate, G. *see* Liang, W. 56143
Hylko, J.M. Visualizing "end states" pays off in quest for excellence [nuclear power station] 19469
Hylton, J.D., Burgers, A.R., Kinderman, R., Sinke, W.C. Determination of facet orientations on alkaline etched multicrystalline wafers 32191
Hylton, J.D., Kinderman, R., Burgers, A.R., Sinke, W.C., Bressers, P.M.M.C. Uniform pyramid formation on alkaline-etched polished monocrystalline (100) silicon wafers [solar cells] 51562
Hyman, H. Solder replenishment for SMT rework 53759
Hyman, H. *see* MacDonald, B. 8677
Hyman, J.M., Shashkov, M. Natural discretizations for the divergence, gradient, and curl on logically rectangular grids 30642
Hymes, D.J., Malik, I.J. Using double-sided scrubbing systems for multiple general fab applications 42490
Hymes, D.J. *see* Krusell, W.C. 42471
Hymes, L. ANSI/J-STD-001B: process and acceptance requirements 31632
Hymes, L. Successful implementation of no clean inert atmosphere reflow soldering 52196
Hymes, S., Kumar, K.S., Murarka, S.P., Wang, W., Lanford, W.A. Oxidation resistant dilute copper (boron) alloy films prepared by DC-magnetron cosputtering 42713
Hymes, S., Kumar, K.S., Murarka, S.P., Wang, W., Lanford, W.A. Oxidation resistant dilute copper (boron) alloy films prepared by DC-magnetron cosputtering 42752
Hynes, K.M., Pearsall, N.M., Shaw, M., Crick, F.J. Energy analysis of PV cladding systems 50831
Hynynen, K., Chung, A., Fjield, T., Buchanan, M., Daum, D., Colucci, V., Lopath, P., Jolesz, F. Feasibility of using ultrasound phased arrays for MRI monitored noninvasive surgery 8102
Hynynen, K., Dennie, J., Zimmer, J.E., Simmons, W.N., Ding Sheng He, Marcus, F.I., Aguirre, M. Cylindrical ultrasonic transducers for cardiac catheter ablation 28423
Hynynen, K. *see* Hutchinson, E.B. 28417
Hynynen, K. *see* Songhvi, N.T. 18506
Hyo Jong Lee, Byeong Yeol Song Performance analysis of STC104 interconnection networks 57598
Hyo-Hoon Park, Byueng-Su Yoo, Hye Yong Chu, El-Hang Lee, Min Soo Park, Byung Tae Ahn, Jae-Heon Shin, Yong Hee Lee Stabilization of transverse mode emission in vertical-cavity surface-

emitting lasers by deposition of high refractive index amorphous GaAs 24004
Hyo-Hoon Park, Byueng-Su Yoo, Hye Yong Chu, Min Soo Park, Jaejin Lee, Hae Gwon lee, El-Hang Lee, Jae-Heon Shin, Yong Hee Lee Amorphous GaAs passivation of ion-beam-etched InGaAs vertical-cavity surface-emitting lasers 3820
Hyo-Hoon Park *see* Hye Yong Chu 24007
Hyo-Jin Lee *see* Cheol-Seong Lee 47758
Hyo-Kyung Sung *see* Dong-Hoon Han 25349
Hyo-Sok Ahn *see* Kovalev, V.A. 18248
Hyo-Sun Pang *see* Si-Doek Oh 29106
Hyodo, K. *see* Mori, H. 37762
Hyodo, K. *see* Yuasa, T. 37671
Hyodo, T., Taji, S., Yoshida, N., Kameda, M., Watanabe, H., Shiota, I. Analysis of boron pile-up at the Si-SiO_2 interface using 2-D process and device simulation 12960
Hyodynmaa, S. *see* Sorcini, B.B. 18585
Hyogo, A. *see* Ibaragi, E. 40926
Hyogo, A. *see* Nagasaku, T. 11193
Hyojeong Song, Jacob, L., Hyun-Gon Kim, Boseob Kwon, Jai-Hoon Chung, Hyunsoo Yoon A simple and fast scheduler for input queued ATM switches 57600
Hyong-Suk Kim *see* Jong-Man Kim 46218
Hyoung Ho Lee, Joon Ki Paik Space-frequency adaptive image restoration based on wavelet decomposition 57216
Hyoung Joong Kim, Hyung Soo Kim, Kyung Choi, Hyang-beom Lee, Hyun Kyo Jung, Song-yop Hahn Cost-effective parallel preconditioner for network-based computing 51852
Hyoung Kim *see* Ick-Sung Choi 1220
Hyoung Kim Sun *see* Sun Hyoung Kim
Hyoung Lee Joo *see* Joo Hyoung Lee
Hyoung Moon Kim *see* Chongdae Park 23906
Hyoung-Gon Kim, Je-Ho Lee, Yong-Moo Kwon A high-performance distributed arithmetic processor for the HD video compression 1498
Hyoung-Joong Kim *see* Hyang-beom Lee 51022
Hyoung-Sub Kim, Dong-Uk Choi, Sang-Hoon Lee, Seung-Kuk Lee, Jae-Kwan Park, Ki-Nam Kim, Jong-Woo Park Data retention times in SOI-DRAMs 1357
HyoungJun Kim, JinHo Hahm An implementation of group teleworking system based on multicasting communications 6285
Hyron, A., Louazel, P., Puges, P. Architecture of a European-wide backbone network 47120
Hyrycz, L. *see* Nafalski, A. 20569
Hysell, D.L. Radar imaging of equatorial F region irregularities with maximum entropy interferometry 18859
Hysell, D.L., Kelley, M.C., Gurevich, A.V., Karashtin, A.N., Babichenko, A.M., Yampolski, Y.M., Beley, V.S., Providakes, J.F. HF radar probing of the lower magnetosphere 58449
Hyttinen, J., Kauppinen, P., Heinonen, T., Laarne, P., Eskola, H., Malmivuo, J. Application of the Visible Human Man data to calculate the sensitivity of ECG leads to detect myocardial sources 49697
Hyttinen, J. *see* Kauppinen, P. 59601
Hyttinen, J. *see* Laarne, P. 59705
Hyttinen, J. *see* Takano, N. 49698
Hyttinen, J. *see* Viik, J. 49661
Hyuck Moo Kwon *see* Do Sun Bai 39863
Hyuck Yoo *see* Kyoung-Sang Yu 6332
Hyuck-Jae Lee *see* Dong-Kwan Shin 34547
Hyug Kwon Se *see* Se Hyug Kwon
Hyuga, F. *see* Nittono, T. 32027
Hyuga, F. *see* Nittono, T. 54426
Hyuga, F. *see* Shiojima, K. 22430
Hyuga, F. *see* Yamane, Y. 11740
Hyuk Chan Kwon *see* Seongjae Lee 2142
Hyuk Choi Jong *see* Jong Hyuk Choi
Hyuk Hong Jin *see* Jin Hyuk Hong
Hyuk Kim Yong *see* Yong Hyuk Kim
Hyuk Lee *see* Soo-Gil Kim 44769
Hyuk Lee *see* Yong Hoon Kang 44757
Hyuk Shin Dong *see* Dong Hyuk Shin
Hyukje-Kweon, Myoungho-Lee A study of estimation and removal of baseline drift for the automated diagnosis of electrocardiogram 18432
Hyun, D.S. *see* Suh, J.H. 51338
Hyun, K.S. *see* Kwon, O.K. 13703
Hyun Chil Choi, Myung Joong Youn A soft-switched, high-frequency resonant rectifier and characteristics of the controlled system 29403
Hyun Cho Joo *see* Joo Hyun Cho
Hyun Cho Ki *see* Ki Hyun Cho
Hyun Cho Sung *see* Sung Hyun Cho
Hyun Chul Kang *see* Sang Jin Kim 57976
Hyun Chul Kim *see* Bong Yeol Ryu 10924
Hyun Dong-Seek *see* Dong-Seek Hyun
Hyun Dong-Seok *see* Dong-Seok Hyun
Hyun Dong-Suk *see* Dong-Suk Hyun
Hyun Dow Bin *see* Dow Bin Hyun
Hyun Jae-Sub *see* Jae-Sub Hyun
Hyun Jai-Sop *see* Jai-Sop Hyun
Hyun Jang Lak *see* Lak Hyun Jang
Hyun Jin-Il *see* Jin-Il Hyun
Hyun Joo Lee, Jin Kee Park, Soo Il Lee Growth of undoped and In-doped CdS thin films by the solution growth technique 21321
Hyun Kim Chang *see* Chang Hyun Kim
Hyun Kim Dai *see* Dai Hyun Kim
Hyun Kim Do *see* Do Hyun Kim
Hyun Kim Dong *see* Dong Hyun Kim
Hyun Kim Jai *see* Jai Hyun Kim
Hyun Kim Ji *see* Ji Hyun Kim
Hyun Kim Ki *see* Ki Hyun Kim
Hyun Kim Sang *see* Sang Hyun Kim
Hyun Kim Seong *see* Seong Hyun Kim
Hyun Kim Seung *see* Seung Hyun Kim
Hyun Kim Ye *see* Ye Hyun Kim
Hyun Kook Shin *see* Kwang Young Sohn 19523
Hyun Kwon Wook *see* Wook Hyun Kwon
Hyun Kyo Jung *see* Hyoung Joong Kim 51852
Hyun Kyu Yu *see* Min Park 21977
Hyun Kyung-Sook *see* Kyung-Sook Hyun
Hyun Lee Du *see* Du Hyun Lee
Hyun Lee Jae *see* Jae Hyun Lee
Hyun Lee Jong *see* Jong Hyun Lee
Hyun Meen Jung *see* Seung Hyeon Rhee 4948
Hyun Men Jung *see* Seunghyeon Rhee 56487
Hyun Min-Ho *see* Min-Ho Hyun
Hyun Moon Jong *see* Jong Hyun Moon
Hyun Mun Kim, Kosko, B. Neural-fuzzy filters for impulsive noise 56592
Hyun Park Sung *see* Sung Hyun Park
Hyun Roh Chang *see* Chang Hyun Roh
Hyun Ruh *see* Hyeongtag Jeon 42696
Hyun Sang-Hun *see* Sang-Hun Hyun
Hyun Seung-Ho *see* Seung-Ho Hyun
Hyun Shik Kang, Gi Eun Cho, Kyung Wha Kim, Persans, P.D. Fabrication and characterization of CdS thin films: study of the adhesion of II-VI compound semiconductors for applications to light emitting and absorbing devices 40495
Hyun Sik Ahn *see* Eui Seop Poong 15684
Hyun Sik Kim *see* Yulin Huang 7749
Hyun Soo Shin, Heon Phil Ha, Dow Bin Hyun, Jae Dong Shim, Dong Hi Lee Thermoelectric properties of 25%Bi_2Te_3-75%Sb_2Te_3 solid solution prepared by hot-pressing method 54133
Hyun Sop Chang *see* Chang Hyun Roh 29027
Hyun Su Kim, Ki Gwan Wan, Nam Seong Kim, Yun Sup Shin, Hong Jin Kong Beam smoothing in a passive Q-switched laser with an additional stimulated Brillouin scattering output coupler 3760
Hyun Woo Kim *see* Jai Chul Song 47759
Hyun Woo Lee *see* Bog Kwon Kim 53075
Hyun Woo Shin *see* Dong Hyun Yun 27726
Hyun Woo Shin *see* Hyung-Ki Hong 36760
Hyun Yeop Lee, Hwang, F.K., Carpinelli, J.D. A new decomposition algorithm for rearrangeable Clos interconnection networks 5896
Hyun Yoo Ju *see* Ju Hyun Yoo
Hyun Yoon Ki *see* Ki Hyun Yoon
Hyun Yul Moon *see* Tae Young Ma 21322
Hyun Yun Dong *see* Dong Hyun Yun
Hyun Yun Seok *see* Seok Hyun Yun
Hyun Yun Taek *see* Taek Hyun Yun
Hyun-Chul Cho *see* Jung-Hak Park 28687
Hyun-Chul Ko, Doo-Cheol Park, Kawakami, Y., Fujita, S., Fujita, S. Fabrication and optical properties of ZnCdSe/ZnSe single quantum wells on GaAs(110) surfaces cleaved in UHV by molecular beam epitaxy 12511
Hyun-Eoi Shin, Yung-Gu Zoo, Yong-Hee Lee Ultralow threshold current 780-nm vertical-cavity surface-emitting lasers with oxide current aperture 3899
Hyun-Gon Kim *see* Hyojeong Song 57600
Hyun-Goo Lee *see* Seok-Myeong Jang 50659
Hyun-Goo Lee *see* Seok-Myeong Jang 51048
Hyun-Ho Kim *see* Sung-Tae Kim 30927
Hyun-Ik Shin, Jeong-Wook Lee A development of test and evaluation equipment for pulsed Doppler radar 16889
Hyun-Jai Kim *see* Kucheiko, S. 32667
Hyun-Joon Cho, Jong-Keun Park An expert system for fault section diagnosis of power systems using fuzzy relations 50650
Hyun-Joon Shin A compact gas proportional counter for transmission soft X-ray spectromicroscopy 59350
Hyun-Joon Shin, Warwick, T. Total electron yield detector for a soft X-ray spectromicroscope operating at atmospheric pressure 28016
Hyun-Jung Kim *see* Young-Seok Kim 50976
Hyun-Ki Hong, Sung-Hyun Han, Gyoung-Pyo Hong, Jong-Soo Choi Simulation of reticle seekers using the generated thermal images 60161
Hyun-Ki Hong, Sung-Hyun Han, Jong-Soo Choi An improved reticle seeker using the segmented focal plane array 38168
Hyun-Ki Hong, Yun-Chan Myung, Jong-Soo Choi 3-D analysis of textures using structural approaches 15683
Hyun-Koock Shin *see* Gyu-Chang Jun 42259
Hyun-Kuk Shin *see* Lott, J.A. 55423
Hyun-Kyo Jung *see* Chang Seop Koh 50010
Hyun-Kyo Jung *see* Dong-Joon Sim 50954
Hyun-Kyo Jung *see* Dong-Joon Sim 50955
Hyun-kyo Jung *see* Dongjin Bae 51023
Hyun-Kyo Jung *see* Hyang-beom Lee 51022
Hyun-Kyo Jung *see* Jang-Sung Chun 44991
Hyun-Kyo Jung *see* Jang-Sung Chun 50915
Hyun-Kyo Jung *see* Jeong-Tae Park 51024
Hyun-Kyo Jung *see* Seung-Hyun Song 41557
Hyun-Kyo Jung *see* Sun-Ki Hong 43609
Hyun-Sik Kim, Jin-Hyun Park, Young-Kiu Choi Variable structure control of brushless DC motor using evolution strategy with varying search space 60793
Hyun-Soo Kang, Seong-Dae Kim Fractal decoding algorithm for fast convergence 15970
Hyun-Tae Choi, Chul-Wook Lee, Jung-Yeul Lee, In-Soo Kim, In-Ho Bae, Sang-Gi Kim A study on the strain in boron-ion-implanted semi-insulating GaAs 12257
Hyun-Woo Lee *see* Dong-Kurl Kwak 29379
Hyun-Woo Lee *see* Taniguchi, K. 51730
Hyun-Woong Chung *see* Young-Hee Kim 21666
Hyunchul Shin *see* Namhoon Kim 54749
Hyunchul Shin *see* Wonjong Kim 54752
Hyundon Jung *see* Fang Lu 41908
Hyung Cho Si *see* Si Hyung Cho
Hyung Chung Kie *see* Kie Hyung Chung
Hyung Gi Byun, Persaud, K.C., Khaffaf, S.M., Hobbs, P.J., Misselbrook, T.H. Application of unsupervised clustering methods to the assessment of malodour in agriculture using an array of conducting polymer odour sensors 58878
Hyung Hwa Ko *see* Choung Suk Oh 15682
Hyung Il Choi *see* Dae-Sik Jang 25178
Hyung Jae Lee *see* Kee Suk Nahm 42428
Hyung Jae Lee *see* Keunjoo Kim 2402
Hyung Jang Jae *see* Jae Hyung Jang
Hyung Jin Choi *see* Yong Hoon Kim 47863
Hyung Jin Sung *see* Do Hwan Lee 59087
Hyung Jin Yoon *see* Byung Hoon Jeong 54462
Hyung Joun Yoo *see* Byung Hoon Jeong 54462
Hyung Joun Yoo *see* Jong Hyun Lee 43409
Hyung Joun Yoo *see* Jong-Son Lyu 22817
Hyung Joun Yoo *see* Jong-Son Lyu 43061
Hyung Joun Yoo *see* Sung Weon Kang 41768
Hyung Joun Yoo *see* Youn Tae Kim 12615
Hyung Kang Ki *see* Ki Hyung Kang
Hyung Kim Jae *see* Jae Hyung Kim
Hyung Kim Ki *see* Ki Hyung Kim
Hyung Kyu Lim *see* Sungjoon Kim 2820
Hyung Lee Seung *see* Seung Hyung Lee
Hyung Lee Soo *see* Soo Hyung Lee
Hyung Mun Kim *see* Beom-hoan O 23977
Hyung Mun Kim *see* Beom-Hoan O 24016
Hyung Mun Kim *see* Hye-Rim Kim 32650
Hyung Myung Kim *see* Yong Up Lee 34736
Hyung Soo Kim *see* Hyoung Joong Kim 51852
Hyung Soo Uh, Sang Jik Kwon, Jong Duk Lee Process design and emission properties of gated n^+ polycrystalline silicon field emitter arrays for flat-panel display applications 53957
Hyung Soon Kim *see* Bong Mo Park 43505
Hyung Suh Ho *see* Ho Hyung Suh
Hyung Sun Kim, Byung Won Cho, Jung Taek Kim, Kyung Suk Yun, Hai Soo Chun Electrochemical properties and performance of poly(acrylonitrile)-based polymer electrolyte for Li/$LiCoO_2$ cells 29531
Hyung Taek Kim, Su Wan Kim, Chan Lee Basic design model of entrained-bed coal gasification system in IGCC power plant 29110
Hyung-Cheol Shin *see* Jong-Ho Lee 22818
Hyung-Cheol Shin *see* Jong-Ho Lee 54643
Hyung-Gi Byun *see* Persaud, K.C. 36751
Hyung-Ho Park *see* Il-Sup Jin 42603
Hyung-Ho Park *see* Moon-Ho Jo 43425
Hyung-Il Choi, Gye-Young Kim Motion interpretation by analyzing difference images 46161
Hyung-Il Choi *see* Il-Ju Ko 15812
Hyung-Il Choi *see* Seen-Ok Yang 46175
Hyung-Il Choi *see* Surk-Woo Jang 25766
Hyung-Jin Choi *see* Suk-Jin Jung 21701
Hyung-Jin Jung *see* Kucheiko, S. 32667
Hyung-Jin Jung *see* Seok-Keun Koh 14232
Hyung-Jin Jung *see* Seok-Keun Koh 42671
Hyung-Jin Jung *see* Seok-Kyun Song 10871
Hyung-Jin Jung *see* Won-Kook Choi 12295
Hyung-Joon Choi, Son-Ki Ihm, Tae-Hoon Lim, Seong-Ahn Hong An evaluation of a stabilized NiO cathode for the reduction of NiO dissolution in molten carbonate fuel cells 20010
Hyung-Joon Hwang *see* Jin-Hon Kim 23949
Hyung-Ki Hong, Hyun Woo Shin, Dong Hyun Yun, Seung-Ryeol Kim, Chul Han Kwon, Kyuchung Lee, Morizumi, T. Electronic nose system with micro gas sensor array 36760
Hyung-Ki Hong *see* Dong Hyun Yun 27726
Hyung-Kyo Kim *see* Kyoung-Yul Bae 40027
Hyung-Kyu Lim *see* Jei-Hwan Yoo 1335
Hyung-Kyu Lim *see* Tae-Sung Jung 1329
Hyung-Lae Baek, Hac-Am Park, In-Su Cha, Pyoung-Ho Kim Development of DC servo motor fuzzy controller for drive of Cartesian coordinate type robot 9459
Hyung-Lae Baek *see* Geum-Bae Cho 29516
Hyung-Myung Kim *see* Lyu, D. 46659
Hyung-Rae Park, Bub-Joo Kang, Young-Il Ha, Kyung-Youl Sohn, Dae-Ho Kim Performance analysis of double-dwell serial search technique in case of multiple pilot signals 6612
Hyung-Sik Kim, Min-Gu Cho A framework for integrating management and service in B-ISDN 35658
Hyung-Soo Mok *see* Geum-Bae Cho 29516
Hyung-Soon Shin A study on the universal curve of hot-carrier degradation in LDD N-MOSFET 22796
Hyung-Sup Yoon *see* Byung-Sun Park 13007
Hyung-Sup Yoon *see* Jin-Hee Lee 13015
Hyung-Woo Lee, Sung-Hyun Yoon, Tai-Yun Kim Integrated multimedia e-mail handler with authoring tool 57775
Hyungbok Choi *see* Hyeongtag Jeon 22600

Hyungik Kim, SeokHun Kim, JeySeung Lee, MinYong Ahn An implementation of VPN service on the TDX-10 SSP 47308
Hyungjun Park, Kwangsoo Kim Smooth surface approximation to serial cross-sections 506
Hyunkon Kahng A heuristic algorithm for a multistage multi-location capacity planning problem 48217
Hyunmin Jo *see* Yongho Kim 29153
Hyunsang Hwang Enhanced degradation of nMOSFETs under dynamic stress due to the broad distribution of interface states 22830
Hyunsang Hwang, Dong-Hoon Lee, Jeong Mo Hwang Degradation of MOSFETs drive current due to halo ion implantation 43062
Hyunsang Hwang *see* Sang-Gi Lee 43014
Hyunsoo Chung *see* Haksoo Han 58391
Hyunsoo Yoon *see* Hyojeong Song 57600
Hyunsoo Yoon *see* Jaehyung Park 26423
Hyunsoo Yoon *see* Jaehyung Park 57596
Hyunsuk Seung, Doo-Hwan Bae A client-oriented distribution architecture for Web search agents 57854
Hyuntae Kim, Kichul Lee, Kangyuel Ryu, Mignon Park Navigation control of mobile robot using distance profile histogram 58992
Hyunwoo Cho, Hachtel, G.D., Macii, E., Plessier, B., Somenzi, F. Algorithms for approximate FSM traversal based on state space decomposition 21625
Hyunwoo Cho, Hachtel, G.D., Macii, E., Poncino, M., Somenzi, F. Automatic state space decomposition for approximate FSM traversal based on circuit analysis 21624
Hyunyong Han *see* Shimada, A. 27929
Hyup Jong Kim *see* Chan Park 57827
Hyup-Jong Kim *see* Keun-Bae Kim 57569
Hyuppenen, A.P. *see* Liev, L.F. 44609
Hyvaerinen, J. Heat transfer characteristics of horizontal steam generators under natural circulation conditions 19516
Hyvarinen, A. Simple one-unit neural algorithms for blind source separation and blind deconvolution 34747
Hyvarinen, A., Oja, E. Simple neuron models for independent component analysis 56556
Hyvarinen, A. *see* Pajunen, P. 34748
Hyvarmen, A. *see* Oja, E. 25188
Hyyppa, J., Pulliainen, J., Hallikainen, M., Saatsi, A. Radar-derived standwise forest inventory 50232
Hyzer, J.B. *see* Walker, C.A. 21402

i Cabarrocas, P.Roca *see* Roca i Cabarrocas, P.
I Chih-Lin *see* Chih-Lin I
i Ferrer, J.Domingo *see* Domingo i Ferrer, J.
i Garcia, S.Marti *see* Marti i Garcia, S.
I-Chang Jou *see* Chung-Yu Wu 1665
I-Hsiu Ho, Stringfellow, G.B. Solid phase immiscibility in GaInN 2003
I-Ming Lee, Takoudis, C.G., Wei-Chung Wang, Denton, J.P., Neudeck, G.W., Koh, M.T.K., Kvam, E.P. Process improvements in the selective epitaxial growth of $Si_{1-x}Ge_x$/Si strained layers in a conventional hot-wall LPCVD system 52610
I-Nan Lin *see* Chang-Shun Chen 54728
I-Nan Lin *see* Hsiao-Lung Chan 49696
I-Nan Lin *see* Hsiu-Fung Cheng 32682
I-Nan Lin *see* Hsiu-Fung Cheng 54953
I-Nan Lin *see* Jau-Sung Lee 30875
I-Nan Lin *see* Tzu-Feng Tseng 23161
I-Sheng Chou, Chih-Wen Liu, Chih-Ju Chou, Ying-Tung Hsiao, Tsong-Liang Huang A new approach to design harmonic filters in industrial power systems 38201
I-Tai Lu *see* Qiu, R.C. 4249
I-Tai Lu *see* Qiu, R.C. 27098
I-Tai Lu *see* Qiu, R.C. 47661
I-Yao Chung *see* Shyh-Jye Jou 21633
Iacobelli, F., Speckmann, R. A universal data transfer architecture for infrared 47958
Iacobelli, G. *see* Colonna, N. 37521
Iacobucci, S. More precise inner layers [developments in advanced PCBs] 41583
Iacona, F. *see* Lombardo, S. 22526
Iaconis, F. *see* D'Emilia, G. 59030
Iacono Manno, M. *see* Aiello, S. 49328
Iacoponi, J.A. *see* McGahan, W.A. 32986
Iacovangelo, C.D. Thermal stability of metallized CVD diamond 42624
Iacovella, F. *see* Arisaka, K. 37239
Iacovella, F. *see* Arisaka, K. 37460
Iaizzo, P.A. *see* Hansen, G.L. 28217
Iakovenko, S.A., Trifonov, A.S., Soldatov, E.S., Khanin, V.V., Gubin, S.P., Khomutov, G.B. Fabrication and properties of carboran clusters contained in stearic acid LB films and possible applications for single electron electronics 31641
Iancu, I. t-norms with threshold 10292
Ianelli, J. *see* Chen, T.R. 23920
Iannaccone, G., Macucci, M., Pellegrini, B. Shot noise in resonant-tunneling structures 42925
Ianniello, J.W., Rippert, C. Advanced airport surface surveillance equipment 49968
Iannizzotto, G., Vita, L. A fast, accurate method to segment and retrieve object contours in real images 56997
Ianno, N.J. *see* Seong-Don Hwang 42909
Iannone, E., Matera, F., Sabella, R., Settembre, M. Impact of fiber non-linearities in transmission across geographical optical networks 58406
Iannone, E., Sabella, R. Crosstalk in WDM optical networks adopting wavelength conversion 26741
Iannone, P.P. *see* Frigo, N.J. 16762
Iannuzzelli, R. The reliability nomograph–a quick, easy-to-use graphical predictor of package/module interconnect reliability 261
Iannuzzi, M. *see* Kizilyalli, I.C. 32380
Iasemidis, L.D. *see* Casdagli, M.C. 37832
Iasemidis, L.D. *see* Casdagli, M.C. 59641
Iatrou, C.T., Cavenago, M. Field analysis of rectangular waveguide open junction 45289
Iatrou, S., Stavrakakis, I. A dynamic real-time traffic management scheme with good throughput and jitter characteristics 35585
Iavernaro, F., Mazzia, F. Convergence and stability of multistep methods solving nonlinear initial value problems 40137
Iavors'kyi, B. *see* Dragan, I. 49532
Iavors'kyj, I., Mykhajlyshyn, V. Probabilistic analysis of electromagnetic phenomena with stochastic periodicity 44862
Iavors'kyj, I., Mykhajlyshyn, V. Detecting hidden periodicity of time-series generated by nonlinear processes in magneto-plasma 45176
Iazzi, F. *see* Agnello, M. 37458
Iba, H. *see* Hondo, N. 10394
Iba, H. *see* Iwata, M. 15912
Iba, J. *see* Farrell, T. 2500
Iba, Y., Kumasaka, F., Aoyama, H., Taguchi, T., Yamabe, M. Precise stress control of Ta absorber using low stress alumina etching mask for X-ray mask fabrication 32308
Ibaliden, A. *see* Goureau, P. 9621
Ibaliden, A. *see* Goureau, P. 61183
Ibanez, L., Hamitouche, C., Roux, C. Moment-based operator for sub-voxel surface extraction in medical imaging 59515
Ibanez, L.F. *see* Conde, L. 23211
Ibaragi, E., Hyogo, A., Sekine, K. A method to improve CMRR for CMOS operational amplifier by using feedforward technique 40926
Ibaraki, A. *see* Uetani, T. 33494
Ibaraki, M. *see* Matsuyama, S. 37452
Ibarra, A. *see* Vila, R. 32608
Ibarra, M.R. *see* Arnold, Z. 3128
Ibarra, M.R. *see* Morellon, L. 3048
Ibarra, M.R. *see* Nagamine, L.C.C.M. 3141
Ibarra, M.R. *see* Pareti, L. 3131
Ibarra Pico, F. *see* Garcia-Chamizo, J.M. 25732
Ibarra-Pico, F., Garcia-Chamizo, J.M., Satorre-Cuerda, R. An orthogonal neural network with guaranteed recall by iterative filters and its application to texture discrimination 25733
Ibbetson, J.P. *see* Brehmer, D.E. 12875
Ibbetson, J.P. *see* Maranowski, K.D. 2123
Ibbotson, D.E. *see* Lee, J.T.C. 2335
Ibbotson, D.E. *see* Lee, J.T.C. 54392
Ibel, M. *see* Alexandrov, A.D. 47215
Ibenthal, A., Siggelkow, S., Grigat, R.-R. Image sequence segmentation for object-oriented coding 15591
Ibenthal, A. *see* Siggelkow, S. 57275
Iber, H. *see* Peiner, E. 2034
Iberer, F. *see* Hutten, H. 37789
Iberer, F. *see* Schreier, G. 28362
Iberer, F. *see* Schreier, G. 49735
Iberer, F. *see* Schreier, G. 59571
Ibiejugba, M.A. *see* Bamigbola, O.M. 384
Ibnkahla, M. *see* Bershad, N.J. 45480
Ibraglmov, E., Struthers, A.A. Soliton regime for second-harmonic generation by ultrashort laser pulses in dispersive media 14381
Ibraham, E.S. Dynamic hydro-thermal economic dispatch with water availability constraints and variable water head 29052
Ibrahem, S.M.M. *see* Ahmed, M.K. 54699
Ibrahim, A.I., Salama, M.M.A. Frequency dependent network equivalent algorithm for AC power systems 19074
Ibrahim, A.M. *see* Ibrahim, M.M. 16769
Ibrahim, E.-N.A. *see* El-Sherbiny, M.K. 19220
Ibrahim, E.A. *see* El-Sherbiny, M.K. 19174
Ibrahim, E.A. *see* El-Sherbiny, M.K. 60280
Ibrahim, E.A. *see* El-Sherbiny, M.K. 60288
Ibrahim, E.S. Impact of fault allocation and stray capacitance on turbo generator units connected to series compensated transmission lines 38711
Ibrahim, F., Hanafy, A.E.R. Objective methods for radar systems evaluation 58452
Ibrahim, F. *see* Zanne, C. 61163
Ibrahim, H.M., Gharieb, R.R. Two-dimensional cumulant-based adaptive enhancer 56984
Ibrahim, L. *see* Sardy, S. 46114
Ibrahim, M.A.-K., El-Safty, A., Abo-Hasha, S.M. Application of spline functions to neutral delay-differential equations 21119
Ibrahim, M.K. *see* Mekhallalati, M.C. 41100
Ibrahim, M.M., Ibrahim, A.M. Performance analysis of optical receivers with space diversity reception 16769
Ibrahim, M.M. *see* Kotkata, M.F. 21343
Ibrahim, M.Raimi *see* Raimi Ibrahim, M.
Ibrahim, N.M., Fattah, I.H.A. Narrow-beam aluminum-mirrored fiber optical-taps with controllable tapped power 43954
Ibrahim, R. *see* Downey, S. 20932
Ibrahim, R.C., Sakai, T., Nishida, T., Horiuchi, T., Shiosaki, T., Matsushige, K. Characterization of niobium-doped lead titanate thin films 2923
Ibrahim, S.T. *see* Sharaf, A.M. 28882
Ibrahim, Y.M. *see* Chwialkowski, M.P. 18308
Ibrahim Sezan, M. *see* Chang, M.M. 28101
Ibrom, C. *see* Uffmann, D. 54793
Ibsais, A., Ajjarapu, V. The role of automatic differentiation in power system analysis 60213
Ibsais, A., Ajjarapu, V. Voltage stability-limited interchange flow 60276
Ibsen, M., Hubner, J., Pedersen, J.E., Kromann, R., Andersen, L.-U.A., Kristensen, M. 30 dB sampled gratings in germanosilicate planar waveguides 16664
Ibsen, M. *see* Cole, M.J. 48024
Ibsen, P., Guarino, R. Synthetic aperture radar (SAR) image focus performance during manoeuvres 8665
Ibtiouen, R. *see* Touhami, O. 60709
Ibuka, K., Noguchi, A., Hashizume, T., Wakasugi, S., Hasegawa, Y. Development of new radiation shielding devices for nuclear medicine 8188
Ibuka, S. *see* Tajima, M. 22464
Ibuka, S. *see* Yasuoka, K. 32673
Ibuki, T. *see* Imaizumi, Y. 30892
Icart, S., Gautier, R. Blind separation of convolutive mixtures using second and fourth order moments 25151
Ice, G., Riemer, B., Khounsary, A. Monochromators for small cross-section X-ray beams from high heat flux synchrotron sources 37552
Ice, G.E. *see* Marcus, M.A. 42794
Icel, A. *see* Waisum Wong 32433
Ichai, J.-J. *see* Licciardi, L. 58063
Ichai, J.J. *see* Licciardi, L. 6399
Ichai, J.J. *see* Licciardi, L. 6410
Ichida, K. Constrained optimization using interval analysis 478
Ichige, K., Kamada, M. An approximation for discrete B-splines in time domain 45844
Ichige, S. *see* Sawada, M. 38537
Ichige, T. *see* Moriya, S. 28988
I.Chih-Lin *see* Chih-Lin I.
Ichihangase, H., Matsumoto, Y., Nogami, M., Kosuda, S., Miura, S., Yoshida, T. A video service access system 58039
Ichihara, C. *see* Ishibashi, K. 19843
Ichihara, H., Kajihara, S., Kinoshita, K. On invariant implication relations for removing partial circuits 11406
Ichihara, M. *see* Kaminaga, K. 60393
Ichihara, M. *see* Otani, H. 53842
Ichihashi, A. *see* Ikeda, K. 20216
Ichihashi, T. In situ observation of oxidation and etching of silicon by ultra-high-vacuum transmission electron microscopy 32181
Ichihashi, T. *see* Yokotani, T. 26141
Ichihashi, T. *see* Yokotani, T. 57819
Ichii, M., Davis, P. Dynamic memory arrays and chaos in a spatial-light-modulator ring circuit 23461
Ichii, M. *see* Ohno, S. 33725
Ichii, R. *see* Matsuoka, K. 45670
Ichikawa, A. *see* Fermin, I. 5006
Ichikawa, A. *see* Fermin, I. 46466
Ichikawa, F. *see* Fukuda, M. 3840
Ichikawa, F. *see* Fukuda, M. 16824
Ichikawa, H. *see* Yamanaka, K. 16080
Ichikawa, I. *see* Aoyagi, H. 60941
Ichikawa, I. *see* Nakatsuka, S. 53739
Ichikawa, K., Motoyama, T. Influence of internal microscopic interface on electric breakdown characteristics of FRP 13213
Ichikawa, K. *see* Idehara, T. 53993
Ichikawa, M., Kamata, Y., Takano, T., Mochizuki, A., Amano, O. Development of an on-board antenna for a Mars spacecraft 56167
Ichikawa, M. *see* Fujita, K. 12171
Ichikawa, M. *see* Fukuda, H. 39363
Ichikawa, M. *see* Kubo, K. 39407
Ichikawa, M. *see* Maruno, S. 31730
Ichikawa, M. *see* Ohtake, Y. 39064
Ichikawa, M. *see* Takeshita, T. 39280
Ichikawa, M. *see* Watanabe, H. 41831
Ichikawa, N. *see* Hirasawa, M. 22505
Ichikawa, N. *see* Sasayama, T. 13173
Ichikawa, N. *see* Shimoma, I. 48386
Ichikawa, S., Okamoto, E., Okumura, K. Transient analysis of high-speed multi port signal transmission line via hybrid model composed of distributed and lumped elements 21424
Ichikawa, T., Nitatori, T., Hachiya, J., Mizutani, Y. Breath-held MR cholangiopancreatography with half-averaged single shot hybrid rapid acquisition with relaxation enhancement sequence: comparison of fast GRE and SE sequences 7890
Ichikawa, T., Yanagisawa, K., Itoh, N. Astronomical wide-field imaging with the Mitsubishi PtSi 1040×1040 CSD 27666
Ichikawa, T. *see* Fujiwara, O. 14643
Ichikawa, T. *see* Hosoya, T. 51867
Ichikawa, T. *see* Minami, Y. 11965
Ichikawa, T. *see* Ueshima, M. 1360
Ichikawa, T. *see* Yanagisawa, K. 27665
Ichikawa, T. *see* Yoshida, H. 35980

Ichikawa, Y., Toriwaki, J.-I. Confocal microscope 3D visualizing method for fine surface characterization of micro structures 48908
Ichikawa, Y. *see* Fujikake, S. 39127
Ichikawa, Y. *see* Yoshida, T. 51590
Ichiki, K., Hatakeyama, M., Tanaka, S., Nakao, M., Hatamura, Y. New fast atom beam processing with separated masks for fabricating multiple microstructures 2483
Ichiki, T., Kikuchi, T., Sano, A., Shingubara, S., Horiike, Y. Gap-filling of Cu employing sustained self-sputtering with inductively coupled plasma ionization 54525
Ichiki, T. *see* Aizawa, K. 52760
Ichimiya, A. *see* Itoh, Y. 12561
Ichimiya, A. *see* QikunXue 2001
Ichimura, I. *see* Yamamoto, K. 43907
Ichimura, J. *see* Yasuno, T. 5262
Ichimura, M., Horie, T., Yotsumoto, K., Takano, K., Konya, Y., Koizumi, Y. Measuring the internal resistance of a cell in assembled batteries 51491
Ichimura, M., Tajiri, H., Morita, Y., Yamada, N., Usami, A. Excess carrier lifetime of 3C-SiC measured by the microwave photoconductivity decay method 44201
Ichimura, M. *see* Geng, Z. 436
Ichimura, M. *see* Makino, T. 42080
Ichimura, M. *see* Shirai, K. 12236
Ichimura, M. *see* Takasaki, T. 51493
Ichimura, S. *see* Kurokawa, A. 22578
Ichimura, S. *see* Nakamura, K. 54464
Ichino, H. *see* Kawamura, T. 16508
Ichino, H. *see* Kishine, K. 21636
Ichino, T., Suzuki, T., Wada, T., Sadahiro, T. Measurement of conductor temperature of power cable by optical fiber sensor 50618
Ichinohe, T., Nozaki, S., Morisaki, H. Visible light emission from the porous alloyed Pt/Si contacts 2222
Ichinokura, O. *see* Chigiri, T. 29341
Ichinokura, O. *see* Tajima, K. 53014
Ichinose, H. *see* Ogawa, Y. 16142
Ichinose, M. *see* Saeki, T. 1385
Ichinose, M. *see* Sunaga, T. 21677
Ichinose, N., Nakai, Y. Electrical conductivity of V_2O_5-SrO-B_2O_3 glasses 2073
Ichinose, N., Nomura, M. Electrical properties of $(Bi,La)_4Ti_3O_{12}$ based thin films prepared by RF sputtering 2916
Ichinose, N. *see* Fujii, H. 18428
Ichinose, N. *see* Maiwa, H. 2919
Ichinose, S., Tajiri, T. InterSpace: NTT's cyberspace communication platform 47355
Ichinose, T., Saito, M. Angular rate sensor for automotive navigation application 58734
Ichinose, T. *see* Ohno, S. 33725
Ichinose, Y. *see* Nagai, Y. 58107
Ichioka, M. *see* Tanaka, K. 5395
Ichioka, M. *see* Tanaka, K. 25704
Ichioka, T. *see* Yamamoto, Y. 29668
Ichioka, Y., Fukushima, F., Shinohara, S., Ikeda, H., Yoshida, H., Sumi, M. Search of a moving object and its range-image measurement using range-finding speedometer 35075
Ichioka, Y., Hirata, M., Hasegawa, Y., Tomita, T. A network-based elevator design and manufacturing support system 20791
Ichioka, Y. *see* Hirokawa, K. 46007
Ichioka, Y. *see* Kutanov, A. 5218
Ichioka, Y. *see* Kutanov, A. 46392
Ichioka, Y. *see* Matoba, O. 43993
Ichioka, Y. *see* Taniguchi, M. 5217
Ichioka, Y. *see* Watanabe, W. 23614
Ichioka, Y. *see* Yoshimori, K. 15807
Ichiraku, T. *see* Shimizu, T. 36806
Ichiriki, H. *see* Kurita, M. 18917
Ichise, N., Watanabe, S., Suzuki, N., Baba, N., Nagashima, H. Precision of the correction of the image drift with the phase spectrum in transmission electron microscope 1958
Ichise, N. *see* Baba, N. 1957
Ichise, N. *see* Oho, E. 1959
Ichise, N. *see* Tanaka, T. 7856
Ichise, N. *see* Watanabe, S. 4933
Ichitani, M. *see* Haruta, R. 10155
Ichitsubo, S., Furuno, T., Nagato, T., Taga, T., Kawasaki, R. Multipath propagation model for line-of-sight street microcells in urban areas 47770
Ichitsubo, S., Furuno, T., Okamoto, H., Kawasaki, R. Indoor multipath propagation characteristics and a delay profile model for simulator equipment 26466
Ichitsubo, S. *see* Kawasaki, R. 14606
Ichiura, S. *see* Tsuchiya, Y. 48246
Ichiya, M., Lewiner, J. Long-term charge stability of silicon dioxide electrets 54862
Ichiya, M., Nakamura, T., Nakata, S., Lewiner, J. The long-term charge storage mechanism of silicon dioxide electrets for microsystems 2856
Ichiya, M., Nakamura, T., Nakata, S., Lewiner, J. Fabrication of silicon dioxide electrets by plasma CVD process for microsystems, and evaluation of their long-term charge stability 23086
Ichiyanagi, N. *see* Miura, O. 38378
Ichiyanagi, T., Shitanda, M., Goto, S., Fujiwara, N., Sano, K., Okuyama, Y., Nakamura, T. Integrated CAE systems reducing time for product development–application to air conditioner development 52124
Ichizli, V.M. *see* Ursaki, V.V. 42418
Ick Choy, Kwon, S.H., Choi, J.Y., Kim, J.W., Kim, K.B. On-line efficiency optimization control of a slip angular frequency controlled induction motor drive using neural networks 51664
Ick Ho Whang *see* Whang Ick Ho
Ick Jang Won *see* Won Ick Jang
Ick Lee Jin *see* Jin Ick Lee
Ick-Sung Choi, Hyoung Kim, Dong-Wook Seo, Sun-Young Hwang Partitioning-based algorithm for synthesis of low-power combinational circuits 1220
Ida, J. *see* Morikawa, K. 21660
Ida, K. *see* Gen, M. 480
Ida, K. *see* Zheng, D.W. 477
Ida, M. Multiple objective linear programming with interval coefficients and its all efficient solutions 40089
Ida, M., Yamahata, S., Kurishima, K., Ito, H., Kobayashi, T., Matsuoka, Y. Enhancement of f_{max} in InP/InGaAs HBTs by selective MOCVD growth of heavily-doped extrinsic base regions 1705
Ida, N., Yuferev, S. Impedance boundary conditions for transient scattering problems 45066
Ida, N. *see* Chellamuthu, K.C. 44851
Ida, Y., Garrou, P.E., Strandjord, A.J.G., Cummings, S.L., Boyd Rogers, W., Berry, M.J., Kisting, S.R. Processing, transfer solder bumping, chip attachment and testing of a thin film Cu/Photo-BCB MCM-D 12036
Ida, Y. *see* Kato, R. 59844
Ida, Y. *see* Strandjord, A.J. 12044
Ide, H. *see* Kato, S. 16529
Ide, I., Yamada, J., Saito, H., Takenaka, T. Control and management of self-sizing networks 26051
Ide, I. *see* Yamada, J. 35527
Ide, K. *see* Gomi, T. 28451
Ide, K. *see* Wakui, S. 60641
Ide, N. *see* Kikuchi, T. 20969
Ide, N. *see* Matsubara, G. 41091
Ide, N. *see* Matsubara, G. 53099
Ide, T., Namikawa, T., Yamazaki, Y. Preparation of 8 YSZ thin films on porous LSM substrates by electron beam evaporation 61057
Ide, T. *see* Nakamura, K. 47353
Ide, T. *see* Nemoto, Y. 47320
Ide, W.E. Self-assessment: strategy for higher standards, consistency, and performance 19449
Ide, Y. *see* Shinotsuka, M. 43884
Ideguchi, T., Noguchi, S., Koui, Y., Nagashima, N., Watanabe, A., Seno, S. Proposal and evaluation of time critical communication protocol with data compression 35513
Idehara, T., Shimizu, Y., Makino, S., Ichikawa, K., Tatsukawa, T., Ogawa, I., Brand, G.F. Amplitude modulation of submillimeter wave gyrotron output 53993
Idehara, T., Yamagishi, Y., Tatsukawa, T. Frequency measurement of a submillimeter wave gyrotron output 36832
Idei, H. *see* Ohkubo, K. 45308
Idek, I., Klemann, K., Gabel, J. Quality assurance for data network components 5920
Ideker, R.E. *see* Bayly, P.V. 37778
Ideker, R.E. *see* Bayly, P.V. 59733
Ideker, R.E. *see* Chattipakorn, N. 59732
Ideker, R.E. *see* Rogers, J.M. 49683
Idel, F. *see* Gekat, F. 51259
Idema, M.R. *see* Park, S.K. 5213
Idement, M., Alkumru, A., Akduman, I. One-dimensional profile inversion of a half-space bounded by a three-part impedance ground 8420
Idemoto, Y. *see* Ui, K. 61044
Ideno, H. *see* Mizutani, Y. 9708
Idesawa, M. *see* Kinoshita, G. 27471
Idier, J. *see* Brette, S. 57495
Idier, J. *see* Champagnat, F. 15334
Idir, K., Liuchen Chang, Heping Dai A neural network-based optimization approach for induction motor design 19745
Idler, W., Schilling, M., Daub, K., Lach, E., Laube, G., Koerner, U., Baums, D., Wunstel, K. Compact monolithic wavelength converter with strong signal improvement including chirp compression 24131
Idler, W. *see* Bunse, S. 16122
Idler, W. *see* Mayer, H.P. 23918
Idler, W. *see* Mikkelsen, B. 26895
Idler, W. *see* Wunstel, K. 36083
Ido, S., Arai, S., Takamatsu, R., Sato, M. Dynamic search of Gaussian segmentation 4996
Ido, S., Arai, S., Takamatsu, R., Sato, M. Stimulus-driven segmentation by Gaussian functions 5402
Ido, T. *see* Goto, H. 40472
Idogaki, T., Tominaga, T., Senda, K., Ohya, N., Hattori, T. Bending and expanding motion actuators 19931
Idogaki, T. *see* Kaneko, T. 23631
Idogaki, T. *see* Shibata, T. 43365
Idomoto, Y. *see* Itazaki, N. 21647
Idoue, A. *see* Kato, T. 46769
Idris, F., Panchanathan, S. Image/video indexing in the compressed domain 15741
Idris, F., Panchanathan, S. Detection of camera operations in compressed video sequences 57347
Idriss, R.L. *see* Davis, M.A. 17451
Idrissi, M., Benzohra, M. Thermionic emission obtained by thermal annealing in vertical polysilicon-monosilicon junctions 54055
Idzenga, H.P. *see* Haverkort, B.R. 5728
Idziak, S.H.J. *see* Caine, E.J. 49361
Idzik, M. *see* Dabrowski, W. 37388
Idzik, M. *see* DeWitt, J. 59243
Idzik, M. *see* Sadrozinski, H.F.W. 37399
Idzorek, G.C., Oona, H. Properties of plasma radiation diagnostics 37571
Ieda, M. *see* Watanabe, S. 24357
Iehl, J.L., Grac, R., Collet, J.H., Pugnet, M., Bardinal, V., Fontaine, C., Legros, R. Subnanosecond reflectivity modulation kinetics in GaAs/GaAlAs microcavities 33703
Ieiri, M. *see* Noumi, H. 37073
Iemmi, C. *see* Ahouzi, E. 57334
Iemoto, T. *see* Mizukata, K. 27803
Ienny, P. *see* Slangen, P. 10994
Ieong, R. *see* Stiber, M. 34544
Iera, A., Marano, S., Molinaro, A. On the evolution of mobile network protocols towards the support of multimedia teleservices 6327
Ievleva, J.I. *see* Chernov, V.M. 54896
Iezawa, M., Imagi, A., Tomisawa, M. High-precision control of AC servo motor positioning systems by friction compensation 9159
Iezekiel, S. *see* Bennett, S. 55665
Iezekiel, S. *see* Bratherton, J.R. 11669
Iezekiel, S. *see* Cusick, T.A. 15916
Iezekiel, S. *see* Elamaran, B. 16804
Iftekharuddin, K.M., Das, K.K. Heterodyne detection for staring hexagonal detector array 6833
Iftekharuddin, K.M., Karim, M.A., Awwal, A.A.S. Optimization of amplitude-modulated inverse filter 15831
Iftimia, I. *see* Iftimia, N. 48566
Iftimia, I. *see* Iftimia, N. 58454
Iftimia, N., Mujat, M., Stoica, A., Vasiliu, V., Iftimia, I. Measurement of parasite Doppler effect in radar systems using laser heterodyning techniques 58454
Iftimia, N., Spanulescu, I., Iftimia, I. Measurement of performances of uncooled HgCdTe photodetectors in heterodyne regime of operation 48566
Ifuku, T. *see* Tanaka, Y. 22256
Ig-Hyeon Kim, Chan-Wook Jeon, Seon-Hyo Kim Low temperature epitaxial growth of AlN and GaN thin films by the method of ion beam assisted deposition 10799
Ig-Hyeon Kim *see* Seon-Hyo Kim 21328
Ig-Hyeon Kim *see* Seon-Hyo Kim 30919
Iga, A. Construction and application of I-V curves using voltage-current characteristic equations under irradiated conditions of photovoltaic cells 20029
Iga, D. *see* Nakada, T. 42029
Iga, K., Kinoshita, S. Process technology for semiconductor lasers. Crystal growth and microprocesses 21236
Iga, K. *see* Bissessur, H. 33556
Iga, K. *see* Hatori, N. 23934
Iga, K. *see* Hatori, N. 33471
Iga, K. *see* Honda, T. 44295
Iga, K. *see* Kato, T. 23569
Iga, K. *see* Katsura, S. 14241
Iga, K. *see* Loh, T.H. 41938
Iga, K. *see* Mukaihara, T. 14169
Iga, K. *see* Ohnoki, N. 32199
Iga, K. *see* Takahashi, N. 30742
Iga, R. *see* Yamamoto, N. 42574
Iga, T. *see* Sato, H. 26526
Igalson, M., Schock, H.W. The metastable changes of the trap spectra of $CuInSe_2$-based photovoltaic devices 9539
Iganami, C. *see* Saito, T. 15931
Igarashi, A., Honda, K., Kato, I. Use of two-way beacons in road management–expansion of vehicle information and communication system functions 58226
Igarashi, C. *see* Itoh, K. 14646
Igarashi, H., Oyamatsu, H., Kodera, M., Kaji, N., Matsuno, T., Shibata, I., Kinugawa, M., Kakumu, M. Manufacturable and reliable fluorine-doped low-k interlayer dielectric process for high performance logic LSI 2798
Igarashi, H. *see* Barbarics, T. 24378
Igarashi, K., Nishimuta, I., Murayama, Y., Tsuda, T., Nakamura, T., Tsutsumi, M. Comparison of wind measurements between Yamagawa MF radar and the MU radar 50050
Igarashi, K. *see* Koh, M. 22870
Igarashi, K. *see* Maeda, M. 33395
Igarashi, K. *see* Matsukawa, T. 21693
Igarashi, K. *see* Mosaddeq-ur-Rahman, M. 20034
Igarashi, K. *see* Nagasawa, M. 22096
Igarashi, K. *see* Tanigawa, S. 10153
Igarashi, S. *see* Abiko, T. 43899
Igarashi, S. *see* Ohshima, Y. 18083
Igarashi, T. *see* Pesce, A. 21694
Igarashi, T. *see* Takezoe, N. 10963
Igarashi, T. *see* Yamaguchi, K. 42582
Igarashi, Y., Ito, T. High-reliability interconnects using Cu-Zr alloy for future LSIs 2439
Igarashi, Y. *see* Dementyev, D.V. 37249
Igarashi, Y. *see* Obokata, K. 10328
Igarashi, Y. *see* Sunaga, T. 21677
Igarashi, Y. *see* Wakai, S. 11181
Igarashi, Y. *see* Yamaguchi, S. 37158
Igarashi, Z. *see* Sato, H. 59166
Igarashi, Z. *see* Ueno, A. 37029
Igarashii, H. *see* Tashiro, S. 929
Igari, H. *see* Hara, S. 60846
Igari, S. *see* Green, M.A. 20028
Igari, S. *see* Green, M.A. 51605

Igasaki, F. *see* Kitayama, K. 57951
Igasaki, Y., Maeda, M., Harada, M., Fujiwara, T. Preparation of $CuInSe_2$ films by hot-wall evaporation technique 913
Igasaki, Y. *see* Kitayama, K. 36096
Igashira, M. *see* Park, S.T. 49313
Igata, A. *see* Kondo, K. 84
Igawa, S., Ogihara, A., Shintani, A., Takamatsu, S. Speech recognition based on fusion of visual and auditory information using full-frame color image 15023
Ige, O.O. *see* Obasih, K.M. 49473
Igelnik, B., Mitra, D. Efficient numerical solutions for stochastic fluid models with finite buffers and multiple sources 34894
Igeta, M. *see* Saeki, T. 1385
Igetott, L. *see* Jackson, P.O. 50525
Igic, P., Jaksic, A. Application of charge pumping technique for investigation of interface-trap behaviour during thermal annealing of irradiated power VDMOSFETs 43051
Igic, P. *see* Jaksic, A. 2662
Iglesias, I.J., Acero, J., Bautista, A., Visiers, M. Comparative study between six and twelve pulse current converters for SMES systems 51632
Iglesias, J.L.G. *see* Robert, A. 8733
Ignasiak, K. *see* Skarbek, W. 35309
Ignatenko, E.I., Klykov, D.M., Kovalenko, V.K., Polushkin, A.K. Floating nuclear power units for remote developing regions in Russia 19466
Ignat'ev, A.I. *see* Dianov, E.M. 24177
Ignat'ev, K.I. *see* Lebedev, A.A. 12329
Ignat'ev, V.V. *see* Abalin, S.S. 9042
Ignatiev, A. *see* Lin, H. 7336
Ignatiev, A. *see* McSpadden, J.O. 18674
Ignatiev, A. *see* Wu, N.J. 17373
Ignatiev, A.S. *see* Birjulin, P.I. 54208
Ignatov, A. *see* Lieberman, K. 22696
Ignatov, A.A., Grenzer, S.J., Winnerl, S., Renk, K.F., Dodin, E.P. Theory of electron transport in a THz-field irradiated semiconductor superlattice: occurrence of quantized DC voltages and current responsivity 42231
Ignatov, A.A. *see* Grenzer, J. 53606
Ignatov, A.A. *see* Schomburg, E. 53616
Ignatov, A.A. *see* Winnerl, S. 42106
Ignatov, V.A. *see* Kovalev, L.K. 60703
Ignatov, V.A. *see* Kovaliov, L.K. 29266
Ignatyev, A. *see* Shalnov, A. 37128
Ignatyev, A.S. *see* Beloushkin, A.A. 41471
Ignatyev, A.S. *see* Karuzakii, A.L. 31493
Ignesti, A. *see* Olmi, R. 37831
Igolkin, V. *see* Kalmykov, A. 18816
Igolkin, V.V. *see* Zeldis, V.I. 16941
Igor, P. On the integral representation of wave fields and its applications 45084
Igoshin, V.I. *see* Bekrenev, A.N. 55490
Igoshin, V.I. *see* Letphoollin, R.R. 59093
Iguain, J.L., Aldao, C.M., Martin, H.O. Morphology phase diagram of a model for diffusion and growth of silicon on Si(100)-(2×1) 54042
Iguain, J.L., Martin, H.O., Aldao, C.M. Model for diffusion and growth of silicon on Si(100) with inequivalent sites in a square lattice 784
Iguchi, M. *see* Ishigami, T. 42719
Iguchi, S. *see* Aoki, T. 58309
Iguchi, T., Meneghini, R., Kozu, T. Development of an algorithm for rainfall rate estimation 28639
Iguchi, T. *see* Awaka, J. 28638
Iguchi, T. *see* Kaneko, J. 37465
Iguchi, T. *see* Kumagai, H. 28637
Iguchi, T. *see* Kurashashi, T. 59338
Iguchi, T. *see* Okamoto, K. 28636
Iguchi, T. *see* Takahashi, H. 37560
Iguchi, Y., Sasao, T., Matsuura, M. On properties of Kleene TDDs 40813
Iguchi, Y. *see* Hoshimiya, N. 59810
Iguchi, Y. *see* Kuhara, Y. 58275
Iguchi, Y. *see* Kuhara, Y. 58392
Igumnov, M. *see* Shvedov, O.V. 7762
Igura, H. *see* Izumikawa, M. 21731
Ih-Chin Chen *see* Chatterjee, A. 11241
Iha, S. *see* Kawase, Y. 55984
Iha, Z. *see* Sokei, S. 56846
Ihanus, J., Ritala, M., Leskela, M., Rauhala, E. ALE growth of $ZnS_{1-x}Se_x$ thin films by substituting surface sulfur with elemental selenium 52706
Ihanus, J. *see* Kukli, K. 40404
Ihara, H. The observation of plasma induced defect density at a-Si:H interface by quasi-static C-V measurement 31870
Ihara, K., Ono, K., Yasuda, Y. Proposal of architecture for video on demand system over ATM network 48226
Ihara, M. *see* Abudula, A. 29621
Ihara, M. *see* Endo, A. 29619
Ihara, M. *see* Fukunaga, H. 29617
Ihara, T., Fujimura, K. Research and development trends of millimeter-wave short-range application systems 26573
Ihara, T., Oikawa, Y., Yamamoto, T., Tomofuji, H., Hamano, H., Ohnishik, H., Watanabe, Y. InGaP/GaAs HBT-IC chipset for 10-Gb/s optical receiver 47940
Ihara, T. *see* Manabe, T. 57881
Ihara, T. *see* Minamizawa, M. 10170
Ihara, T. *see* Minamizawa, M. 52217
Ihara, T. *see* Miura, Y. 58110
Ihara, T. *see* Satake, M. 28633
Ihara, T. *see* Suzuki, S. 6552
Ihlal, A., Rizk, R. Effects of iron contamination on the electrical activity of a silicon bicrystal 12179
Ihleman, J. *see* Danev, G. 42799
Ihlemann, J. *see* Simon, P. 12730
Ihlemann, J. *see* Simon, P. 42502
Ihlenburg, F., Babuska, I. Finite element solution of the Helmholtz equation with high wave number. II. The h-p version of the FEM 40266
Ihlenfeld, W.G. *see* Bergeest, R. 27511
Ihm Son-Ki *see* Son-Ki Ihm
Ihn, B. *see* Lee, J. 1711
Ihn, T. *see* Itskevich, I.E. 22900
Ihn, T.-H., Lee, B.-I., Lee, S.-W., Jeon, Y.-C., Joo, S.-K. The electrical stress effect on the leakage current of poly-Si thin film transistors fabricated by metal induced lateral crystallization 22872
Ihn Byoung-Uk *see* Byoung-Uk Ihn
Ihori, H., Kishi, T., Kitani, I., Arii, K. Three-dimensional electric field mapping in dielectric liquids using Kerr electrooptic measurement with ART 27838
Ihra, R., Sullivan, P. Combined opto-isolators and analogue-digital convertors for control of electric motors 19666
Ihra, R. *see* Pernyeozy, J. 29703
Ihs, H. *see* Dufaza, C. 22982
Ii Chii-Horng *see* Chii-Horng Ii
Ii Cho Yong *see* Yong Ii Cho
Il Jin Seong *see* Seong Il Jin
Ii-Ho Kim, Dong-Hi Lee Thin film thermoelectric generator cell of Bi-Sb-Te-Se system 39252
Ilchishin, I.P. Optimizing energy output and angular divergence of a DFB laser with cholesteric liquid crystal 3708
Iickho Song *see* Ki Yong Lee 15071
Iickho Song *see* Yong Up Lee 45940
Iida, A. *see* Kakimoto, N. 60230
Iida, A. *see* Mizusawa, Y. 12026
Iida, H. *see* Ardekani, B.A. 8006
Iida, H. *see* Narita, Y. 8005
Iida, H. *see* Yoshizaki, S. 43315
Iida, K., Hohzaki, R., Furui, S. A search game for a mobile target with the conditionally deterministic motion defined by paths 30445
Iida, K. *see* Kubota, T. 3439
Iida, M., Sato, Y., Ikeno, Y. AM radio rebroadcasting system 27131
Iida, M. *see* Aboudabra, A.A. 45122
Iida, M. *see* Akiba, Y. 2572
Iida, M. *see* Dai, C.-M. 2469
Iida, M. *see* Katsuki, N. 54316
Iida, M. *see* Laina Ma 13843
Iida, M. *see* Minagawa, H. 33856
Iida, M. *see* Morita, M. 22697
Iida, S., Masukawa, S., Kubota, Y. An improved voltage source inverter with 18-step output waveforms 38839
Iida, S., Shindo, T., Matsuura, S., Ashimura, Y. Effects of accelerated ion beam deposition to form thin metal films on silicon 41846
Iida, S. *see* Hayakawa, Y. 30782
Iida, S. *see* Kamigaito, H. 51249
Iida, S. *see* Mori, K. 52393
Iida, S. *see* Ohnuki, Y. 13062
Iida, T. *see* Aoyagi, H. 60941
Iida, T. *see* Harada, K. 12700
Iida, T. *see* Kawasumi, Y. 12627
Iida, T. *see* Miyamaru, H. 7786
Iida, T. *see* Sawada, K. 20163
Iida, T. *see* Shima, T. 12652
Iida, T. *see* Shima, T. 12696
Iida, T. *see* Shima, T. 32123
Iida, T. *see* Sugimoto, Y. 41364
Iida, Y., Shimizu, I., Yoshimura, Y., Shibagaki, T. Trends in rolling mill facilities 61365
Iida, Y. *see* Yoshii, M. 23588
Iiguni, Y. *see* Sugimura, M. 25712
Iigusa, K., Teshirogi, T., Fujita, M. An omnidirectional circularly polarized slot-array antenna on a coaxial cylinder with a shaped beam in the vertical plane 34375
Iijima, E. *see* Hattori, T. 2377
Iijima, M. *see* Minamizawa, M. 10170
Iijima, M. *see* Minamizawa, M. 52217
Iijima, O. *see* Ohno, M. 16259
Iijima, T., Adachi, I., Amami, M., Enomoto, R., Guo, R.S., Hayashi, K., Huang, H.C., Itoh, R., Kobayashi, S., Kohashi, Y., Liu, T.H., Marlow, D.R., Matsumoto, S., Murakami, A., Ogawa, S., Sahu, S.K., Shibuya, H., Suda, R., Sumiyoshi, T., Tsukada, K., Tsukamoto, T., Wang, C.H., Wang, M.Z., Wang, Y.R., Yamauchi, M., Yasuda, N., Yoshida, Y. Aerogel Cherenkov counter for the BELLE experiment 37238
Iijima, T., Iwaki, M. Fundamental theory of natural observation method with complete reconstruction property by finite sum–natural observation theory of normal type 34860
Iijima, T., Iwaki, M., Kitamura, Y. Pluralizing method of simple similarity based on natural observation method of normal type–with an application to speaker-independent vowel recognition 56417
Iijima, T., Nakagawa, Y., Ito, H. Measurement of magnetic field using ultrasonic vibration 48841
Iijima, T., Sanada, N. Ferroelectric properties of sol-gel-derived $PbTiO_3$ type thin films 2909
Iijima, T. *see* Aoki, Y. 15468
Iijima, T. *see* Iwaki, M. 34814
Iijima, T. *see* Ozeki, T. 30418
Iijima, T. *see* Ozeki, T. 30522
Iijima, T. *see* Sahu, S.K. 37360
Iijima, Y., Kosuge, M., Takeuchi, T., Inoue, K. Superconducting properties of Nb_3Al multifilamentary wires fabricated continuously by rapid-quenching 55108
Iijima, Y. *see* Takeuchi, T. 55104
Iikura, Y. Comments on "Fast vector quantization using sorted cordbook" [sic.: for "cordbook" read "codebook"] 14803
Iimura, S. *see* Hamada, E. 43919
Iimura, Y. *see* Nishikawa, M. 23598
Iinatti, J. Robust method for threshold setting in a DS/DS-CDMA code acquisition 47534
Iinatti, J.H. *see* Glisic, S.G. 16593
Iino, E., Takano, K., Kimura, M., Yamagishi, H. Evaluation of the quality of HMCZ Si single crystals with a diameter of 200 mm 52591
Iino, E., Takano, K., Kimura, M., Yamagishi, H. Cavities owing to hydrogen in Si single crystals grown by continuously charging CZ method 52592
Iino, K. *see* Yamizaki, N. 35557
Iino, M. *see* Ito, Y. 60845
Iinuma, H. *see* Sawada, K. 60829
Iinuma, T. *see* Yamamoto, S. 8016
Iinuma, T. *see* Yamomoto, S. 28146
Iio, M. *see* Miura, N. 17570
Iio, M. *see* Miura, N. 27732
Iisaku, S. *see* Yokota, H. 5995
Iitsuka, J. *see* Omori, T. 48795
Iitsuka, Y. *see* Kogiso, S. 34414
Iivarinen, J., Rauhamaa, J., Visa, A. Unsupervised segmentation of surface defects 10184
Iivarinen, J., Visa, A. Shape recognition of irregular objects 35002
Iiyama, K. *see* Xiaoqun Zhou 27952
Iiyoshi, R. Numerical analysis of pencils of rays in a point cathode thermionic emission gun 31690
Iizuka, E. *see* Ui, K. 61044
Iizuka, F. *see* Watanabe, M. 23661
Iizuka, H., Haneishi, M. Radiation properties of triplate-type tapered slot antenna and its array 34472
Iizuka, H. *see* Komatsu, R. 2989
Iizuka, T., Fujita, H. A threaded wobble motor with a 6-pole stator–a micro motor generating large linear displacement 29356
Iizuka, T. *see* Bude, J.D. 43074
Iizuka, T. *see* Ryzhii, V. 17389
Iizuka, T. *see* Sone, S. 854
Iizuka, T. *see* Yamaguchi, H. 41538
Iizuka, T. *see* Yamaguchi, M. 31602
Iizuka, T. *see* Yoshida, M. 11441
Iizuka, Y. *see* Okamoto, K. 41207
Iizuka, Y. *see* Yokoi, S. 16274
Iji, M., Yokoyama, S. Recycling of printed wiring boards mounting electronic components 11849
Ijsselsteijn, R.P.J. *see* Il'ichev, E. 43787
Ijuin, N. *see* Uchida, H. 47020
Ik Cho Kyoung *see* Kyoung Ik Cho
Ik Kim Dae *see* Dae Ik Kim
Ik Kim Kwang *see* Kwang Ik Kim
Ik Kim Seon *see* Seon Ik Kim
Ik-Soo Park *see* Hak-Yeong Chung 29001
Ikaheimo, J., Forsman, K., Kettunen, L. Adaptive mesh generation in 2D magnetostatic integral formulations 44932
Ikai Lo *see* Ahoujja, M. 31943
Ikalainen, P.K. Wireless packaging, a system requirements view 47559
Ikarashi, T. *see* Ono, H. 22514
Ikari, A., Izunome, K., Kawanishi, S., Togawa, S., Terashima, K., Kimura, S. Influence of the thermal history of melts on the formation of grown-in defects in silicon 10666
Ikazaki, F. *see* Kawai, A. 966
Ike, T. *see* Nakashima, T. 21946
Ikebe, K., Shimomura, T., Iyoda, I. Simulation technology for 1000 kV power systems 50320
Ikebe, S. *see* Kudoh, T. 37638
Ikebuchi, S. *see* Nakakita, E. 38070
Ikeda, A., Shibasaki, H., Kaji, R., Terada, K., Nagamine, T., Honda, M., Kimura, J. Dissociation between contingent negative variation (CNV) and Bereitschaftpotential (BP) in patients with parkinsonism 59690
Ikeda, A. *see* Tsukamoto, K. 54637
Ikeda, D., Kanagawa, H., Matsushima, T. Deterioration of $La_{0.8}Sr_{0.2}MnO_3$ cathode at high temperature [SOFC] 51527
Ikeda, D. *see* Gray, R.M. 8038
Ikeda, E. *see* Takamoto, T. 29638
Ikeda, E. *see* Yamaguchi, M. 37975
Ikeda, E. *see* Yamaguchi, M. 51581
Ikeda, H., Fukunaga, C., Saitoh, Y., Inoue, M., Yamanaka, J. Radiation tolerance for the SMA^2SH-series front-end chips for a silicon microstrip detector 18131
Ikeda, H., Hotta, K., Furuta, S., Zaima, S., Yasuda, Y. Influences of hydrogen on initial oxidation processes of H-terminated Si(100) surfaces 2379
Ikeda, H., Matsumoto, M., Hasegawa, A. Stabilization of dark-soliton transmission by means of nonlinear gain 33638
Ikeda, H., Saitoh, Y., Inoue, M., Yamanaka, J., Kitta, T. Power-supply/ground-ripple rejection capability of the SMA^2SH preamplifier array for a silicon micro-strip detector 18134

Ikeda, H., Tanaka, M., Matsuda, T., Fukunaga, C., Nobori, T., Saitoh, Y., Akamine, T., Inoue, M., Yamanaka, J., Mandai, M., Takeuchi, H., Kitta, T., Saitoh, M., Miyahara, S., Kamiya, M. Front-end interface of the SVD readout system for BELLE 59310
Ikeda, H. *see* Aoyagi, H. 60944
Ikeda, H. *see* Auichenko, V.M. 37247
Ikeda, H. *see* Avrillon, S. 37342
Ikeda, H. *see* Avrillon, S. 59250
Ikeda, H. *see* Derong Pan 35076
Ikeda, H. *see* Hanamoto, T. 60786
Ikeda, H. *see* Ichioka, Y. 35075
Ikeda, H. *see* Kamiya, M. 17437
Ikeda, H. *see* Kamiya, M. 48919
Ikeda, H. *see* Kawaguchi, I. 20161
Ikeda, H. *see* Miyata, H. 37384
Ikeda, H. *see* Mizutani, Y. 38127
Ikeda, H. *see* Mizutani, Y. 50240
Ikeda, H. *see* Nishio, T. 6770
Ikeda, H. *see* Nishio, T. 46995
Ikeda, H. *see* Ohshima, Y. 18083
Ikeda, H. *see* Okuno, S. 43577
Ikeda, H. *see* Okuno, S. 59291
Ikeda, H. *see* Senyo, K. 37386
Ikeda, H. *see* Suzuki, T. 1139
Ikeda, H. *see* Suzuki, T. 38873
Ikeda, H. *see* Suzuki, T. 50241
Ikeda, H. *see* Suzuki, T. 51247
Ikeda, H. *see* Tani, Y. 17665
Ikeda, H. *see* Tode, H. 35810
Ikeda, H. *see* Tode, K. 46560
Ikeda, H. *see* Wang Zhonglei 38849
Ikeda, H. *see* Wu, Y. 6759
Ikeda, H. *see* Yamada, M. 20879
Ikeda, H. *see* Yamagata, Y. 8967
Ikeda, H. *see* Youngbok Choi 47500
Ikeda, H. *see* Yuying Wu 16715
Ikeda, K., Imai, S., Matsumura, M. Atomic layer etching of germanium 54452
Ikeda, K., Moriya, T., Iwakami, N., Kaneko, T. Error-protection technique for TwinVQ audio-coding method 34577
Ikeda, K., Okazaki, Y., Nakayama, S., Tsuchiya, T. Water re-absorption into hygroscopic film in interlayer dielectrics and its impact on hot-carrier immunity 2838
Ikeda, K., Yamashina, H., Ichihashi, A. Colour rendering properties of light sources: new colour space for evaluation 20216
Ikeda, K. *see* Aota, T. 49366
Ikeda, K. *see* Iwakami, N. 34574
Ikeda, K. *see* Matsuki, J. 19236
Ikeda, K. *see* Matsuki, J. 28725
Ikeda, K. *see* Matsuki, J. 50381
Ikeda, K. *see* Miyamoto, M. 9305
Ikeda, K. *see* Moriya, T. 14824
Ikeda, K. *see* Moriya, T. 34575
Ikeda, K. *see* Okuno, A. 52239
Ikeda, K. *see* Tsuda, K. 25721
Ikeda, K. *see* Ueda, H. 45357
Ikeda, K. *see* Yoshio, M. 60989
Ikeda, M. *see* Akatsu, Y. 16729
Ikeda, M. *see* Kawai, T. 46711
Ikeda, M. *see* Matsubara, T. 59401
Ikeda, M. *see* Miyahara, H. 27863
Ikeda, M. *see* Ohki, Y. 32700
Ikeda, M. *see* Ohta, H. 12040
Ikeda, M. *see* Ohta, H. 31601
Ikeda, M. *see* Sakata, M. 54990
Ikeda, M. *see* Taguchi, K. 43935
Ikeda, M. *see* Tanaka, H.T. 5636
Ikeda, M. *see* Tsuchida, N. 44228
Ikeda, M. *see* Tsukamoto, H. 42379
Ikeda, M. *see* Yoshida, H. 14161
Ikeda, N. *see* Fukushima, T. 1475
Ikeda, N. *see* Horita, T. 60369
Ikeda, N. *see* Nakano, H. 45376
Ikeda, N. *see* Yokoyama, S. 54451
Ikeda, O. Combined two nonlinear image processings for speckle-free imaging with the optical array imaging system 46352
Ikeda, O. Three-dimensional imaging of the object using multiple eigenvectors in the CW laser array imaging system 46482
Ikeda, S., Hagiwara, Y., Miura, H., Ohta, H. The impact of mechanical stress control on VLSI fabrication process 43209
Ikeda, S. *see* Akagi, H. 28867
Ikeda, S. *see* Hirano, A. 15282
Ikeda, S. *see* Kido, G. 3300
Ikeda, S. *see* Kumozaki, K. 16777
Ikeda, S. *see* Miura, H. 43032
Ikeda, T., Ganguly, G., Matsuda, A. Factors limiting further improvement of a-SiGe:H 31874
Ikeda, T., Sampei, S., Morinaga, N. Adaptive modulation with dynamic channel assignment (AMDCA) for TDMA microcellular systems 47700
Ikeda, T., Tsutsumi, O., Sasaki, T. Liquid crystal photonics: optical switching and image storage by means of nematic liquid crystals and ferroelectric liquid crystals 23595
Ikeda, T. *see* Dementyev, D.V. 37249
Ikeda, T. *see* Ganguly, G. 29630
Ikeda, T. *see* Hirose, H. 5272
Ikeda, T. *see* Miyazaki, N. 19506
Ikeda, T. *see* Nakamura, T. 42310
Ikeda, T. *see* Nakashima, T. 21946
Ikeda, T. *see* Sato, H. 26526
Ikeda, Y., Sakakibara, T., Migitaka, M. Optical signal inverter phenomena using negative nonlinear absorption effect 55893
Ikeda, Y. *see* Hirose, M. 43119
Ikeda, Y. *see* Ishida, M. 23252
Ikeda, Y. *see* Isobe, C. 52799
Ikeda, Y. *see* Kaneko, J. 37465
Ikeda, Y. *see* Noda, K. 54984
Ikeda, Y. *see* Seki, M. 11644
Ikeda, Y. *see* Suga, N. 38475
Ikeda, Y. *see* Yoshida, T. 11719
Ikedo, J. Error protection in a low complexity speech codec 47781
Ikedo, J. *see* Ohmuro, H. 15057
Ikedo, N. *see* Yamaguchi, M. 12492
Ikedo, T., Ma, J. Pixel cache architecture with FIFO implemented within an ASIC 11496
Ikedo, T., Okuyama, Y., Jianhua Ma Hardware implementation of shading models in an application specific integrated circuit 41358
Ikegami, F. *see* Laksono, T.H. 47593
Ikegami, K., Kawada, H. Experimental estimation of mechanical properties of resin for IC plastic package 327
Ikegami, K., Nishizawa, H., Usami, T., Yamamoto, T. Improvement of the sensitivity of CdTe radiation detectors in the high energy region 7792
Ikegami, K. *see* Sato, H. 59166
Ikegami, M. *see* Dewa, H. 37141
Ikegami, M. *see* Hayashida, Y. 35715
Ikegami, M. *see* Miyata, J. 35095
Ikegami, M. *see* Numata, H. 1673
Ikegami, M. *see* Tanaka, M. 35103
Ikegami, R. *see* Rutherford, P. 17401
Ikegami, S. *see* Uda, H. 36564
Ikegami, T. *see* Kurokawa, T. 55347
Ikegami, T. *see* Li, H.-B. 36059
Ikegami, T. *see* Matsumoto, Y. 26660
Ikegami, T. *see* Nakadan, Y. 27255
Ikegami, T. *see* Nemoto, Y. 47320
Ikegami, T. *see* Ohshima, S. 48296
Ikegami, T. *see* Slyusarev, S. 24154
Ikegami, T. *see* Slyusarev, S. 24208
Ikegaya, Y. *see* Nishibori, K. 51066
Ikeguchi, T. *see* Hasegawa, M. 4953
Ikeguchi, T. *see* Satoh, M. 25729
Ikeguchi, Y. *see* Inoue, T. 50298
Ikehara, M., Inose, K. Design of 2-dimensional linear phase perfect reconstruction FIR filter bank using Lagrange multiplier method 15311
Ikehara, M. *see* Fuchie, T. 24908
Ikehara, M. *see* Imata, S. 25292
Ikehara, M. *see* Nagai, T. 1580
Ikehara, M. *see* Nagai, T. 11590
Ikehara, M. *see* Okuda, M. 11596
Ikehara, M. *see* Okuda, M. 41335
Ikehara, M. *see* Okuda, M. 41336
Ikehara, M. *see* Okuda, M. 53449
Ikehara, M. *see* Togashi, S. 46341
Ikehata, T., Suzuki, Y., Nagai, R., Sadamoto, Y., Sato, N.Y., Mase, H. A novel laser technique for constructing a plasma micro-undulator and a compact X-ray source 37545
Ikehata Seiichiro *see* Shimazu Yoshihiro 13508
Ikehuchi, K. *see* Tsutsumi, K. 9698
Ikei, Y., Yamazaki, K., Koga, A., Morikawa, H., Fukuda, S. Development of a fluid-driven microactuator 54837
Ikekawa, M. *see* Nadehara, K. 35073
Ikelle, L.T. Anisotropic migration-velocity based on inversion of common azimuthal sections 18783
Ikematsu, Y. *see* Deai, H. 12565
Ikematsu, Y. *see* Moritani, A. 13017
Ikenaga, T. *see* Abe, S. 7245
Ikenaga, T. *see* Ito, K. 25287
Ikeno, M. *see* Arai, Y. 37267
Ikeno, M. *see* Arai, Y. 37268
Ikeno, R., Asada, K. Robust simulation for the hysteresis phenomena of SOI MOSFET's by quasi-transient method 12973
Ikeno, Y. *see* Iida, M. 27131
Ikenouchi, K. *see* Kinoshita, S. 10028
Iketsu, Y. *see* Utsugi, K. 36810
Ikeuchi, K., Wheeler, M.D., Yamazaki, T., Shakunaga, T. Model-based SAR ATR system 6946
Ikeuchi, K., Yoshinaka, K., Hashimoto, S., Tomita, N. Locomotion of medical micro robot with spiral ribs using mucus 28403
Ikeuchi, K. *see* Ohba, K. 5141
Ikeuchi, K. *see* Ohba, K. 35220
Ikeuchi, K. *see* Sato, Y. 25495
Ikeuchi, K. *see* Sato, Y. 46505
Ikeuchi, M., Koiwa, M., Ohashi, Y. A compact electronic ignition system 9705
Ikeuchi, N. *see* Imanaka, H. 26330
Ikeuchi, T. *see* Noda, A. 26736
Ikeuchi, T. *see* Terada, K. 44539
Ikeya, M. *see* Oka, T. 28482
Ikeya, T. *see* Warashina, Y. 10151
Ikeyama, M. *see* Nakao, S. 10790
Ikezawa, M. *see* Kato, R. 18014
Ikezawa, M. *see* Shibata, Y. 20221
Ikezawa, M. *see* Shibata, Y. 44325
Ikezawa, T. *see* Hane, M. 12955
Ikezawa, T. *see* Hane, M. 43069
Ikezi, H., Phelps, D.A. Traveling-wave antenna for fast-wave heating and current drive in tokamaks 34319
Ikezoe, J. *see* Umeda, T. 59403
Ikhile, M.O.N. *see* Otunta, F.O. 21167
Ikhlef, A. *see* Skowronek, M. 22140
Iki, M. *see* Okada, T. 35740
Ikiadis, A. *see* Michie, C. 17454
Ikiz, T. *see* Veliev, E.I. 45087
Ikiz, T. *see* Veliev, E.I. 56006
Ikkink, T.J. *see* Lambeck, P.V. 27448
Ikoma, A. *see* Hiramoto, T. 32465
Ikoma, H. *see* Ito, T. 42531
Ikoma, H. *see* Kimura, S. 54373
Ikoma, H. *see* Okamoto, Y. 42533
Ikoma, K. *see* Kobayashi, M. 39247
Ikoma, T. *see* Hirakawa, K. 12479
Ikoma, T. *see* Hiramoto, T. 12463
Ikoma, T. *see* Saito, T. 12356
Ikoma, T. *see* Saito, T. 12373
Ikoma, T. *see* Saraya, T. 22810
Ikoma, Y. *see* Yamaguchi, K. 42582
Ikonen, E. *see* Hu, J. 23733
Ikonen, E. *see* Hu, J. 55496
Ikonen, E. *see* Lassila, A. 36584
Ikonen, E. *see* Manoochehri, F. 33219
Ikonen, E. *see* Talvitie, H. 33514
Ikonic, Z. *see* Tadic, M. 2131
Ikonomou, D., Dasilva, J.S., Arroyo, B., Barani, B. European R&D programmes: towards third generation mobile communication systems 26657
Ikonomou, D. *see* Dasilva, J.S. 6585
Ikonomou, D. *see* Schwartz da Silva, J. 47812
Ikonomou, D. *see* Schwarz Dasilva, J. 47578
Ikossi-Anastasiou, K., Jones, W., Sabbah, R., Valsaraj, N. Emitter size effects in high speed HBTs 42948
Ikossi-Anastasiou, K. *see* Rabinovich, W.S. 3452
Ikram, M.Z., Abed-Meraim, K., Hua, Y. Iterative parameter estimation of multiple chirp signals 56255
Iksoo Chang *see* Okhyun Jeong 56185
Iksu Choy, Jaiseon Seo, Jaimin Rhu, Minhyuk Chang, Jongan Park Improvement and application of the orientational filter for texture image analysis 15504
Ikuina, K., Kimura, M., Ohmagari, S.-I., Kosugi, Y., Yamamoto, O. Glass-ceramic multichip module for satellite microwave communications systems 41707
Ikuina, K. *see* Hazeyama, I. 10944
Ikuina, K. *see* Soejima, K. 10137
Ikuno, H. *see* Kawano, M. 56008
Ikuno, H. *see* Nishimoto, M. 4223
Ikuta, K., Kato, T., Nagata, S. Development and experimental verification of micro active forceps for microsurgery 28404
Ikuta, K. *see* Kondo, M. 857
Ikuta, T. *see* Ando, T. 54009
Il Chang Do *see* Do Il Chang
Il Choi Hyung *see* Hyung Il Choi
Il Chung Kyo *see* Kyo Il Chung
Il Dong Yun *see* Sang Ho Park 15680
Il Gon Kim, Masumoto, Y., Ung Kim Size measurements and optical properties of CuBr quantum dots 2132
Il Hahn He *see* He Il Hahn
Il Hwan Kim, Chun Gyoo Lee, Yee Hwan Kim, Byung Gook Park, Jong Duk Lee Fabrication of metal field emitter arrays on polycrystalline silicon 53960
Il Jun Yong *see* Yong Il Jun
Il Kim Tae *see* Tae Il Kim
Il Kim Young *see* Young Il Kim
Il Lee Kuhn *see* Kuhn Il Lee
Il Lee Soo *see* Soo Il Lee
Il Moon Joon *see* Joon Il Moon
Il Park Jeong *see* Jeong Il Park
Il Park Jung *see* Jung Il Park
Il Park Kwang *see* Kwang Il Park
Il Ryu Jai *see* Jai Il Ryu
Il Yong Choe *see* Watanabe, K. 27760
Il-Bum Kwon *see* Chang-Sun Hong 17399
Il-Dong Kim *see* Sang-Hee Kang 50622
Il-Han Park, In-Gu Kwak, Hyang-Beom Lee, Ki-Sik Lee, Song-Yop Hahn Optimal design of transient eddy current systems driven by voltage source 44960
Il-Ho Kim, Dong-Hi Lee An analysis for geometrical effects on the cooling performance of (Bi, $Sb)_2Te_3/Bi_2(Te, Se)_3$-based thin film thermoelectric modules 42038
Il-Hong Suh *see* Myung-Kwan Park 9658
Il-Hwan Lim *see* Young-Bog Park 42322
Il-Hyeong Lee, Sung-Soo Kim, Kwan-Ki Yoon, Sang-Myung Kim, Jin-Koo Rhee Studies on air-bridge fabrication using thermal evaporation method and its application 53576
Il-Jae Cho *see* Jin-Man Han 1416
Il-Ju Ko, Hyung-Il Choi A frame-based hand gesture recognition 15812
Il-Kwon Cho, Che-Hong Ahn An optimal design method of voltage drop for DC distribution system based on investment cost 51307
Il-Kwon Kim, Woo-Tag Kang, Joon-Hee Lee, Sunil Yu, Sang-Cheol Lee, Kyehee Yeom, Yun-Gi Kim, Duck-Hyung Lee, Giho Cha, Byoung Hun Lee, Sang-In Lee, Kyu-Charn Park, Tae-Earn Shim, Chang-Gyu Hwang Advanced integration technology for a highly scalable SOI DRAM with SOC (Silicon-On-Capacitors) 41170
Il-Kyo Kim *see* Sang-Wan Ryu 55597
Il-Kyoo Lee *see* Sang-Gee Kang 40930
Il-Seok Oh *see* Tae-Woong Yoo 46020

Il-Song Han Neural network implementation with analogue-digital mixed neural chip URAN 31425
Il-Song Han, Clarkson, T.G. Neural hardwares realized with neural VLSI URAN 53510
Il-Sup Jin, Hyung-Ho Park, Kwang-Ho Kwon, Chang-Il Kim Passivation role of sulfur and etching behavior in plasma etched TiW using SF_6 and BCl_3 gases 42603
Il-Taek Lim Pipelined FIR filter architecture and increasing performance of decision-feedback equalizer 1598
Il-Taek Lim *see* Seung Joo Maeng 41338
Il-Whan Cha *see* Cha Il-Whan
Il-Yong Park *see* Yearn-Ik Choi 2570
Ila, D. *see* Seng, W.F. 12800
Ila, D. *see* Taylor, T. 13668
Ila, D. *see* Williams, E.K. 13667
Ila, D. *see* Poker, D.B. *(editor)* 9815
Ilaasz, V. *see* Pokorny, M. 11517
Ilan Sang-Joon *see* Sang-Joon Ilan
Ilas, C., Griva, G., Profumo, F. On-line identification of mechanical parameters and load torque in induction machine field oriented drives 9639
Ilas, C., Magureanu, R. A general adaptation mechanism and its applications to induction motor direct field oriented drives 9636
Ilas, C. *see* Griva, C. 39269
Ilchenko, L.M. *see* Molebny, V.V. 7977
Il'chishin, I.P. *see* Vakhnin, A.Yu. 13988
Ilchmann, B. A new generation of active power factor correction. I 31111
Ilchmann, B. Latest methods of active power factor correction. II. Design example 41296
Ilda, T. *see* Warashina, Y. 10151
Ilderem, V. *see* John, J.P. 2654
Ilderem, V. *see* Lin, F. 42613
Ildstad, E. *see* Faremo, H. 19340
Ildstad, E. *see* Sanden, B. 43573
Ilegbusi, O.J. Calculation of forced-air cooling of electronic modules with a two-fluid model of turbulence 20952
Ilegem, M. *see* Jeanneret, B. 27244
Ilegems, M. *see* Averin, S. 13853
Ilegems, M. *see* Letourneau, P. 9861
Iler, T. *see* Baez, A.N. 18677
Iles, G., Raymond, M., Hall, G., Lovell, M., Seller, P., Sharp, P. Hybrid pixel detector for time resolved X-ray diffraction experiments at synchrotron sources 18099
Iles, G. *see* De Fez-Laso, M.D.M. 37505
Iles, P.A., Chu, C.L. Use of high back surface reflectance in PV cell design 38987
Iles, P.A. *see* Sharps, P.R. 37978
Ilev, I., Kumagai, H., Toyoda, K. Simple wide-range method for angle measurement with a point fiber-optic output 36888
Ilev, I.K., Kumagai, H., Toyoda, K. Refractive-index dispersion measurement of bulk optical materials using a fiber Raman laser widely tunable in the visible and near-infrared 55528
Ilev, I.K., Kumagai, H., Toyoda, K., Uttamchandani, D., Culshaw, B. Alternative fiber-optic backreflectance sensor for measurement of the effective focal lengths of optical elements and distances 58796
Ilg, M. *see* Kirchhoff, M. 54317
Ilgu Yun, Menkara, H.M., Yang Wang, Oguzman, I.H., Kolnik, J., Brennan, K.F., May, G.S., Summers, C.J., Wagner, B.K. Effect of doping on the reliability of GaAs multiple quantum well avalanche photodiodes 44253
Ilhwan, K. *see* Yeom, H.Y. 16321
Iliadis, A.A., Zahurak, J.K., Tabatabaei, S.A. Application specific devices: transport and performance of the Quasi-MODFET and the graded base heterojunction bipolar transistor 43151
Iliadis, L. Electronic circuit design 31058
Ilic, A. *see* Zafirovic-Vukotic, M. 19208
Ilic, D. *see* Butorac, J. 17716
Ilic, I., Scarmozzino, R., Osgood, R.H., Jr. Use of higher order Pade approximants for efficient simulation of wide-angle waveguides with step-index profile 23561
Ilic, I., Scarmozzino, R., Osgood, R.M., Jr. Investigation of the Pade approximant-based wide-angle beam propagation method for accurate modeling of waveguiding circuits 14683
Ilic, I., Scarmozzino, R., Osgood, R.M., Jr., Yardley, J.T., Beeson, K.W., McFarland, M.J., Stengel, K.M.T. Photopatterned polymer multimode 8×8 star couplers: comparative design methodologies and device measurements 36105
Ilic, M. *see* Garibott, G. 35209
Ilic, M.D., Chien-Ning Yu Minimal system regulation and its value in a changing industry 8773
Ilic, M.D., Yoon, Y.T., Zobian, A. Available transmission capacity (ATC) and its value under open access 60348
Ilic, M.D. *see* LaWhite, N. 40764
Ilic, M.D. *see* Zobian, A. 60291
Ilic, M.D. *see* Zobian, A. 60292
Ilich, R. *see* Zorin, G.N. 37482
Il'ichev, E., Zakosarenko, V., Ijsselsteijn, R.P.J., Schultze, V. Inductive reply of high-T_c RF SQUID in the presence of large thermal fluctuations 43787
Il'ichev, E.A., Poltoratskii, E.A., Rychkov, G.S. Delta-doped structures in GaAs IC technology 42402
Il'ichev, E.A., Poltoratskii, E.A., Rychkov, G.S., Khainovskii, V.I. Extension of high-temperature operation limit of gallium arsenide integrated circuits 31158
Ilie, A., Equer, B., Pochet, T. Leakage current studies of thick a-Si:H detectors under high electric field conditions 37303
Ilie, C., Olariu, N., Ores, C. Indoor PV devices testing 51608
Iliescu, C. *see* Grigorescu, S.-D. 17238
Iliescu, I. *see* Cotanis, N. 26590
Iliev, A. *see* Dreischub, A. 33718
Iliev, S. *see* Tsyganov, Yu.S. 58658
Ilieva, K., Apostolov, T., Belousov, S., Penev, Iv., Popova, I. Validation of neutron fluence calculation methodology for VVER-440 vessel 50718
Ilijanic, V. *see* Banic, S. 60958
Il'in, A.E. *see* Ershova, N.Yu. 2266
Il'in, G., Morozov, O., Polski, Y. Two frequency oscillator for interferometers with polarisation dived channels 7659
Il'in, P.P. *see* Gorynya, L.M. 2089
Il'in, V.A. *see* Lyamets, Yu.Ya. 38439
Il'in, V.A. *see* Lyamets, Yu.Ya. 60442
Ilinov, M. *see* Grianik, M. 56141
Il'inova, T.M., Koroteev, N.I., Urakova, N.O. Optical rectification and electrooptical and photogalvanic effects: noncollinear interaction of waves in an isotropic noncentrosymmetric medium 14389
Ilinski, P., Dejus, R.J., Gluskin, E., Morrison, T.I. Some practical aspects of undulator radiation properties 37065
Il'inskii, A.D., Trofimenko, V.I., Khotsyanov, D.I., Chernyshov, V.A., Zhevelev, A.V. Electromechanical transmissions of autonomous transport units 9653
Il'inskii, N.F. Electric drives and energy conservation: Experience of the Department of Automation of Electric Drives at Moscow Power Institute 9595
Il'inykh, P.N. Recording of a nonstationary speckle pattern: a simple synchronization scheme 14413
Ilio, A.Di *see* Di Ilio, A.
Iljin, A.G. *see* Klimusheva, G.V. 13717
Il'kaev, D.R., Krivospitskii, A.D., Okshin, A.A., Orlikovskii, A.A., Semin, Yu.F. Unconventional methods for fabrication of submicron structures in microelectronics 32407
Ilkov, F.A. *see* Brodeur, A. 55555
Illarionova, E.A. *see* Larionov, V.P. 8894
Ille, B. *see* Alexeev, G. 59200
Ille, B. *see* Auffray, E. 37281
Illek, S. *see* Amann, M.-C. 44462
Illekova, E. *see* Surinach, S. 3367
Illekova, E. *see* Surinach, S. 30989
Illgner, K., Muller, F. Hierarchical hybrid video coding: motion estimation and motion vector field coding 15628
Illgner, K., Muller, F. Motion estimation using segmented Gibbs-modeled vector fields 56732
Illgner, K. *see* Muller, F. 15627
Illgner, K. *see* Muller, F. 56762
Illgner, K. *see* Muller, F. 56874
Illig, H. *see* Jamal, R. 20966
Illig, M. *see* Bauer, J. 54548
Illindala, U., Grimm, R.A., Morehead, A., Chandra, S., Greenberg, N.L., Thomas, J.D. Automated analysis of transmitral and aortic Doppler velocity profiles using audio signal processing 37686
Illingworth, J. *see* Hilton, A. 25672
Illingworth, J. *see* Hilton, A. 57253
Illsang Choi *see* Seung Hyeon Rhee 4948
Illy, E.K. *see* Coutts, D.W. 176
Illy, S. *see* Borie, E. 41789
Illyefalvi-Vitez, Z., Pinkola, J., Ruszinko, M. Analysis of laser induced surface effects on AlN substrates 30215
Illyefalvi-Vitez, Z. *see* Harsanyi, G. 2425
Ilmoniemi, R.J. *see* Uusitalo, M.A. 49570
Ilo, A., Weiser, B., Booth, T., Pfuetzner, H. Influence of geometric parameters on the magnetic properties of model transformer cores 21995
Ilo, A. *see* Nussbaum, C. 23385
Ilow, J., Hatzinakos, D., Venetsanopoulos, A.N. Detection for binary transmission based on the empirical characteristic function 25104
Ils, P., Gustafsson, A., Chiriotti, N., Kapon, E. Separate-confinement vertical quantum well-lasers grown by self-ordering on V-grooved substrates 44580
Ilsun Kim *see* Chansik Park 17003
Iltis, R.A. Constrained MMSE multiuser detectors for quasi-synchronous CDMA 6627
Iltis, R.A. Demodulation and code acquisition using decorrelator detectors for QS-CDMA 6643
Iltis, R.A., Mailaender, L. Multiuser detection of quasisynchronous CDMA signals using linear decorrelators 6644
Iltis, R.A. *see* Agate, C.S. 5550
Iltis, R.A. *see* Anderson, K.L. 56899
Iltis, R.A. *see* Mailaender, L. 35468
Ilukhin, B.I. *see* Ochkin, V.N. 23752
Ilumoka, A.A. Optimal transistor sizing for CMOS VLSI circuits using modular artificial neural networks 43270
Ilumoka, A.A. Modular artificial neural network models for simulation and optimization of VLSI circuits 52952
Ilver, L. *see* He, Z.Q. 2121
Ilyas, M. *see* Khan, Z.H. 54118
Ilyas, Q.S.M., Reed, B.A. C-SAM as a tool to predict electrical failures in surface mount plastic packages 10099
Il'yashenko, I.N., Strokan, N.B., Schmidt, B. Characteristic features of the lineshape in the spectrometry of ions using Si detectors 37415
Ilyashenko, S.E. *see* Grechishkin, R.M. 3171
Ilyashenko, S.E. *see* Pastushenkov, Yu.G. 55066
Ilyashuk, Y. *see* Fedotov, A. 12198
Ilyenkov, A.V., Khizhnyak, A.I., Kreminskaya, L.V., Soskin, M.S., Vasnetsov, M.V. Wavefront dislocations in a laser beam due to 'optimal damage' in photorefractive $LiNbO_3$:Fe crystal 44610
Ilyenkov, A.V., Khiznyak, A.I., Kreminskaya, L.V., Soskin, M.S., Vasnetsov, M.V. Wavefront dislocations in a laser beam passed through photorefractive crystals 14258
Ilyenkov, A.V., Khiznyak, A.I., Kreminskaya, L.V., Soskin, M.S., Vasnetsov, M.V. Self-action in photorefractive crystals as a source of phase singularities 14343
Ilyicheva, E.N. *see* Usmanov, N.N. 13428
Ilyin, B.N. *see* Djubua, B.C. 53912
Ilyin, I.V. *see* Baranov, P.G. 12276
Ilyinsky, A., Trubnikov, S. A numerical calculation of characteristics of waveguide phased-array antennas having the dielectric rods of variable cross-section 45437
Ilyong Chung *see* Wankyoo Choi 26225
Il'yushchenko, I.A. *see* Lazareva, T.G. 7261
Ilzycer, D. *see* Pernick, A. 37473
Im, D.H., Chang, J.H., Park, S.C., Kwon, B.I., Hong, J.P., Kim, B.T. Analysis of radial force as a source of vibration in an induction motor with skewed slots 51016
Im, J., Shaffer, E.O., Peters, R., Rey, T., Murlick, C., Sammler, R.L. Physical and mechanical properties determination of photo-BCB-based thin films 52212
Im, J. *see* Auciello, O. 846
Im, J.S., Moritz, A., Steuber, F., Harle, V., Scholz, F., Hangleiter, A. Radiative carrier lifetime, momentum matrix element, and hole effective mass in GaN 31847
Im, J.S. *see* Gupta, V.V. 52743
Im, J.S. *see* Jin Song, H. 12185
Im, J.S. *see* Kim, H.J. 10902
Im, J.S. *see* Sposili, R.S. 10822
Im, J.S. *see* Yoon, J.H. 12184
Im, S., Eisen, F., Nicolet, M.-A., Tanner, M.O., Wang, K.L., Theodore, N.D. Strain-conserving doping of a pseudomorphic metastable $Ge_{0.06}Si_{0.94}$ layer on Si(100) by low-dose BF_2^+ implantation 32131
Im, S., Song, J.H., Lie, D.Y.C., Eisen, F., Atwater, H., Nicolet, M.-A. SiGeC alloy layer formation by high-dose C^+ implantations into pseudomorphic metastable $Ge_{0.08}Si_{0.92}$ on Si(100) 32135
Im, S.-J. *see* Scholz, F. 30829
Im, Y.J. *see* Chung, M.S. 3432
Im Dal-Ho *see* Dal-Ho Im
Im Jee-Won *see* Jee-Won Im
Im Lee Jeong *see* Jeong Im Lee
Im Pil-Gyu *see* Pil-Gyu Im
Im Sungbin *see* Sungbin Im
Im Yongjun *see* Yongjun Im
Im Young Joon *see* Young Joon Im
Imachi, K. *see* Tanaka, A. 59793
Imachi, K. *see* Yoshizawa, M. 59792
Imacho, N. *see* Nakamura, M. 59074
Imada, H., Fujisaki, K., Ohsawa, T., Tsuto, M. Generation technique of 500 MHz ultra-high speed algorithmic pattern 48351
Imada, H., Takeuchi, S. Design and performance of a surface potentiometer 7516
Imada, H. *see* Tumiran 28919
Imada, M., Noda, S., Sasaki, A., Kobayashi, H., Sasaki, G. Distributed feedback surface-emitting laser with air/semiconductor gratings embedded by mass-transport assisted wafer fusion technique 44501
Imada, Y. *see* Tsunashima, S. 43658
Imae, J., Furudate, T., Sugawara, S. A simple numerical method for minimizing the maximum eigenvalues of symmetric matrices via nonlinear differential equation solvers 40191
Imaeda, M. *see* Kawaguchi, T. 10688
Imaeda, M. *see* Kawaguchi, T. 13533
Imaeda, M. *see* Kawaguchi, T. 13637
Imafuji, O. *see* Hashimoto, T. 12248
Imafuji, O. *see* Takayama, T. 14117
Imagawa, H., Iwase, Y., Masuda, E. A functional block hardware architecture for switching systems 58068
Imagawa, H. *see* Sakurai, H. 47295
Imagawa, K. *see* Hiratani, M. 21351
Imagawa, K. *see* Sashida, H. 6401
Imagawa, S. *see* Tamura, H. 55130
Imagawa, T. *see* Maruyama, M. 1473
Imagi, A. *see* Furui, T. 9700
Imagi, A. *see* Iezawa, M. 9159
Imahashi, S. *see* Morlet-Savary, F. 13545
Imai, A., Hasegawa, N., Okazaki, S., Sakaguchi, K. Wafer and chip deformation caused by pattern transfer 2506
Imai, A., Terasawa, T., Hasegawa, N., Asai, N., Tanaka, T., Okazaki, S. KrF excimer laser lithography with a phase-shifting mask for gigabit-scale ultra large scale integration 2558

Imai, A. *see* Hasegawa, N. 32340
Imai, F.H., Tsumura, N., Haneishi, H., Miyake, Y. Principal component analysis of skin color and its application to colorimetric color reproduction on CRT display and hardcopy 48796
Imai, H., Inaba, M. Geometric clustering with applications 446
Imai, H., Tanaka, A., Miyakoshi, M. Evaluation of optimum image restoration filters by perturbation of a degraded operator 46449
Imai, H. *see* CharnKeitKong, P. 24720
Imai, H. *see* Iwamura, K. 24786
Imai, H. *see* Kobara, K. 5668
Imai, H. *see* Masada, T. 447
Imai, H. *see* Nakanishi, H. 58307
Imai, H. *see* Saito, Y. 22515
Imai, H. *see* Sekine, K. 52505
Imai, H. *see* Takeshita, O.Y. 45627
Imai, H. *see* Zylbersztejn, A. 26901
Imai, J.T. Technology transfers: strategies for entering the twenty-first century 9944
Imai, K. A study of patch array antennas for mobile satellite communications 56218
Imai, K., Hu, C., Andoh, T., Kinoshita, Y., Matsubara, Y., Tatsumi, T., Yamazaki, T. 0.15 μm delta-doped CMOS with on-field source/drain contacts 2806
Imai, K. *see* Kodate, J. 42400
Imai, K. *see* Komatsu, M. 27561
Imai, K. *see* Madihian, M. 11722
Imai, K. *see* Madihian, M. 41509
Imai, K. *see* Masada, T. 447
Imai, K. *see* Sato, Y. 42412
Imai, K. *see* Shibata, Y. 29293
Imai, K. *see* Shintomi, K. 40717
Imai, K. *see* Shintomi, K. 49497
Imai, K. *see* Taga, H. 58299
Imai, K. *see* Yamagata, Y. 31953
Imai, K. *see* Yamazaki, T. 2847
Imai, L. *see* Shibata, T. 11416
Imai, M. *see* Furukawa, R. 5116
Imai, M. *see* Horie, H. 42712
Imai, M. *see* Jablonski, J. 42292
Imai, M. *see* Kanai, H. 59099
Imai, M. *see* Nakano, T. 41125
Imai, M. *see* Shiraishi, Y. 10647
Imai, N. *see* Imaoka, T. 21972
Imai, N. *see* Kawamura, H. 26574
Imai, N. *see* Kitagawa, M. 7079
Imai, N. *see* Minakawa, A. 21971
Imai, N. *see* Thomas, H.J. 26912
Imai, R. *see* Saifuddin, A. 47859
Imai, S., Burger, G.J., Lammerink, T.S.J., Fluitman, J.H.J. Output characteristics of a thin-film piezoelectric AE sensor for magnetic head-disk interaction 58689
Imai, S. *see* Abe, T. 14866
Imai, S. *see* Burger, G.J. 12834
Imai, S. *see* Ikeda, K. 54452
Imai, S. *see* Liang Zhou 24878
Imai, S. *see* Masuko, T. 14942
Imai, S. *see* Masuko, T. 24813
Imai, S. *see* Sugahara, S. 10759
Imai, S. *see* Sugahara, S. 10761
Imai, S. *see* Takao, H. 44112
Imai, S. *see* Yamaguchi, T. 7158
Imai, T. The parking lot management system with recognizing a license plate number automatically 58852
Imai, T., Nakagawa, A., Shimamura, H., Takeuchi, S. New JBO system 6010
Imai, T., Nakazawa, M. Optical cable amplifier 44389
Imai, T., Sakiyama, K., Hirota, I., Omori, H. A study of impedance analysis for an induction heating device by applying a new interpolation method 51879
Imai, T., Yagi, S., Yamazaki, H. Thermal fixing of photorefractive holograms in $KTa_{1-x}Nb_xO_3$ and its relation to proton concentration 14437
Imai, T. *see* Fujii, T. 58167
Imai, T. *see* Komukai, T. 13624
Imai, T. *see* Komukai, T. 23515
Imai, T. *see* Maebara, S. 13518
Imai, T. *see* Murakami, M. 16782
Imai, T. *see* Murakami, M. 26794
Imai, T. *see* Seki, M. 11644
Imai, T. *see* Takano, Y. 30783
Imai, Y., Hokazono, T. Fluorescence-based temperature sensing using erbium-doped optical fibers with 1.48 μm pumping 58804
Imai, Y. *see* Ishikawa, T. 19047
Imai, Y. *see* Kimura, S. 11723
Imai, Y. *see* Kimura, S. 11741
Imai, Y. *see* Kimura, S. 21951
Imai, Y. *see* Noda, Y. 30710
Imai, Y. *see* Otsuji, T. 36179
Imai, Y. *see* Shibata, H. 31907
Imai, Y. *see* Wu, A. 33299
Imai, Y. *see* Yang, S.T. 3747
Imai Kiyotaka *see* Kiyotaka Imai
Imaizumi, E. *see* Matsuura, T. 21818
Imaizumi, E. *see* Ono, K. 21765
Imaizumi, H. *see* Fukuda, K. 31903
Imaizumi, K. *see* Mori, T. 13864
Imaizumi, M., Endoh, Y., Suita, M., Sugimoto, H., Ohtsuka, K., Isu, T., Ozeki, T. Gas-source molecular beam epitaxy of MgZnSSe for fabricating blue/green laser diodes 40415
Imaizumi, M. *see* Ohtsuka, K. 32049
Imaizumi, M. *see* Tanaka, M. 35103
Imaizumi, M. *see* Tanimura, J. 730
Imaizumi, M. *see* Taylor, S.J. 54574
Imaizumi, Y., Tsusaka, Y., Urisu, T., Ibuki, T. Carbon contamination in synchrotron-radiation-stimulated Al deposition using a low temperature condensed layer of dimethyl aluminum hydride 30892
Imaizumi, Y. *see* Li, Y. 54904
Imajuku, W., Takada, A. Reduction of fiber-nonlinearity-enhanced amplifier noise by means of phase-sensitive amplifiers 23826
Imam, H. *see* Rose, B. 36919
Imamov, R.M. *see* Valiev, K.A. 55376
Imamura, A. *see* Takaishi, W. 45503
Imamura, G. Leader's pattern generators support flat panel output 27792
Imamura, H. *see* Ono, T. 9900
Imamura, J. *see* Sanders, J. 28544
Imamura, K. *see* Oyama, N. 36866
Imamura, K. *see* Takahashi, S. 58306
Imamura, K. *see* Uehara, S. 4411
Imamura, K. *see* Uehara, S. 34537
Imamura, K. *see* Yokoyama, N. 12905
Imamura, M., Tokubuchi, M. Magnetic field analysis for the optical current-transformer used for three-phase bus-bars arranged longitudinally 9291
Imamura, S. *see* Usui, M. 13644
Imamura, T., Toko, K., Yanagisawa, S., Kume, T. Monitoring of fermentation process of miso (soybean paste) using multichannel taste sensor 51909
Imanaga, Y. *see* Fujino, T. 22740
Imanaka, H., Iwashita, M., Ikeuchi, N. An adaptive region for economical high-reliable network construction in multi-service access network 26330
Imanaka, R. Removable media (CD-ROM and PD) 23462
Imanaka, Y., Notis, M.R. Reaction of Ti, Ti-Ni and Ti-Pt thin films on AlN substrates 30252
Imanaka, Y. *see* Miura, N. 2198
Imanaka, Y. *see* Yamanaka, K. 12485
Imanieh, M. *see* Mullan, C.A. 30723
Imanishi, A. *see* Arai, S. 49038
Imanishi, K. *see* Yamada, H. 21925
Imanishi, N. *see* Arachi, Y. 51529
Imanishi, N. *see* Takeda, Y. 29618
Imanishi, N. *see* Yamamoto, T. 20007
Imanishi, T. *see* Ozaki, T. 18332
Imanishi, Y. *see* Kobayashi, M. 39247
Imano, K., Kawazu, H., Inoue, H. Experiments on transmitting and receiving of ultrasonic pulse train using the stacked piezo-ceramic transducers 28688
Imaoka, A., Kihara, M. Time signal distribution in communication networks based on synchronous digital hierarchy 35422
Imaoka, A. *see* Kihara, M. 35426
Imaoka, T., Banba, S., Minakawa, A., Imai, N. Millimeter-wave wide-band amplifiers using multilayer MMIC technology 21972
Imaoka, T. *see* Minakawa, A. 21971
Imaoka, Y. *see* Kohno, M. 7564
Imasaka, K., Hara, S., Tokudomi, H., Suehiro, J., Hara, M. Improvement of output voltage of inductive pulsed power generator considering fuse cooling water resistance 19748
Imasaka, K. *see* Tsuru, S.-I. 31678
Imasaka, T. *see* Cheng-Huang Lin 55913
Imasaki, K. *see* Ohkubo, K. 53935
Imasaki, K. *see* Roy, P.K. 1910
Imata, S., Ikehara, M., Takahashi, S. Cosine-modulated two-dimensional time-varying filter banks 25292
Imayama, T. *see* Kondoh, J. 7435
Imazato, J. *see* Dementyev, D.V. 37249
Imazeki, K. *see* Yokosuka, M. 2934
Imazeki, N. *see* Suzuki, T. 11997
Imazu, M. *see* Nakanishi, T. 59450
Imbault, D. *see* Cesarsky, C.J. 36548
Imber, N., Hershcovitz, M., Ashur, A., Klein, I.E. Effects of lift-off procedures on mechanical and chemical properties of photoresists 54531
Imbornone, J., Murphy, M., Donahue, R.S., Heaney, E. New insight into subharmonic oscillation mode of GaAs power amplifiers under severe output mismatch condition 41498
Imbraile, W.A. On the calculation of noise temperature in beam waveguide systems 56155
Imbriale, W.A. Design techniques for beam waveguide systems 45470
Imecs, M. *see* Birou, I. 61226
Imecs, M. *see* Kelemen, A. 51432
Imed Ben Dhaou, Akopian, D., Kuosmanen, P., Astola, J. Fault detection in stack filter circuits based on sample selection probabilities 56979
Imes, W.G. *see* Rodriguez, F.D. 20037
Imhof, K. *see* Buchenel, B. 19249
Imhof, M. *see* Andryakov, A. 37226
Imhoff, L. *see* Bouteville, A. 908
Imielinski, T. Mobile computing: DataMan project perspective 47582
Imiya, A. A metric for spatial lines 15440
Imiya, A., Fujiwara, Y., Kawashima, T. Reconstruction, recognition, and representation of trees 5279
Imiya, A. *see* Fermin, I. 5006
Imiya, A. *see* Fermin, I. 46466
Imlau, M. *see* Woike, T. 4099
Imler, W. *see* Chen, C.H. 21259
Imler, W. *see* Gotz, W. 12290
Immink, K.A.S. Code configuration for avoiding error propagation 4520
Immink, K.A.S. Channel codes for digital recorders 48258
Immink, K.A.S., van den Enden, G. A comparison of rotary- and stationary-head video tape recorders 17104
Immonen, J. *see* Mitts, H. 47690
Immoreev, I. Ultrawideband (UWB) radar observation: Signal generation, radiation and processing 27044
Imori, Y. *see* Ando, Y. 22014
Imoro, A.I., Inagaki, N., Kikuma, N. An efficient method of analysis of co-planar dipole array antennas 24595
Imoro, A.I., Kani, Y., Inagaki, N., Kikuma, N. An improved circuit theory for the analysis of longer co-planar dipole antennas 45359
Imoto, K. *see* Takeda, H. 29012
Imoto, N. *see* Huttner, B. 34587
Imoto, T. *see* Kitai, M. 46964
Impagliazzo, L. *see* Corno, F. 21734
Impagliazzo, R., Naor, M. Efficient cryptographic schemes provably as secure as subset sum 4535
Impagnatiello, F. *see* Bombaci, O. 16873
Impagnatiello, F. *see* Zelli, C. 50026
Impagnatiello, G. *see* Angino, G. 48115
Imperatori, G. *see* Dezza, F.C. 60923
Imperiale, C. All-digital, real-time preprocessor for automated analysis of cardiac action potentials 49577
Impinnisi, P.R. *see* Pilla, V. 33670
Imran Hajimusa *see* Chu Ming Cheung 57780
Imre, S. *see* Levendovsky, J. 35375
Imrell, T., Arnell, S., Sjovall, R. Flowing mixed gas corrosion test–gas flow rate effects 11026
Imrie, D.C. *see* Asad, Z. 52876
Ims, L.A., Myhre, D., Olsen, B.T. Economics of residential broadband access network technologies and strategies 35836
Ims, L.A., Olsen, B.T., Myhre, D., Lahteenoja, M., Mononen, J., Ferrero, U., Zaganlaris, A. Multiservice access network upgrading in Europe: a techno-economic analysis 26380
Ims, L.A. *see* Ferrero, U. 26394
Ims, L.A. *see* Olsen, B.T. 16442
Imtiaz, M., Shaw, A.K. Tracking of multiple targets using pipelined-adaptive algorithm 4734
Imtiaz, M. *see* Pokala, S. 15278
Imtiaz, M. *see* Shaw, A.K. 25158
Imura, K. *see* Haruta, R. 10155
Imura, M. *see* Furukawa, T. 54867
Imura, T. *see* Saeki, T. 1385
In Choi Jung *see* Jung In Choi
In Choi Song *see* Song In Choi
In Gyu Park, Ji Taek Yoon Characterizing the double firing method for three-phase thyristor phase controlled converters 51106
In Gyu Park, Ji Taek Yoon, Seon Ik Kim A thyristor controlled static condenser with new double firing phase control 28832
In Gyu Park *see* Ji Taek Yoon 51218
In Kang *see* Jin-Il Hyun 6653
In Kap Park *see* Jae Ween Choe 47487
In Kyeom Kim, Du Hyun Lee, Hong Yeop Song, Kyu Tae Park An iterative restoration algorithm using adaptive termination rule and mathematical morphology 15673
In Lee Sang *see* Sang In Lee
In Lee Soo *see* Soo In Lee
In Moon Sung *see* Sung In Moon
In Sang Jeun *see* Cheol Koo Hahn 12423
In So Kweon *see* Dong Jung Kang 21025
In So Kweon *see* Dong Jung Kang 56815
In Su Chang, Dong-Gyu Sim, Rae-Hong Park Multiresolution surface parameter estimation for range images 56720
in 't Hout, K.J. On the stability of adaptations of Runge-Kutta methods to systems of delay differential equations 21171
In 'T Hout, K.J. Stability analysis of Runge-Kutta methods for systems of delay differential equations 40225
In Taek Han *see* Sung Hoon Kim 30883
In-Cheol Baik *see* Kyeong-Hwa Kim 38708
In-Cheol Park *see* Chong-Min Kyung 43213
In-Cheol Park *see* Joon-Seo Yim 41189
In-Cheol Park *see* Joon-Seo Yim 41225
In-Cheol Park *see* Joonseo Yim 53334
In-Gil Park, Sung-Gap Lee, Jang-Ho Chung, Young-Hie Lee Dielectric properties of the $BaO-Sm_2O_3-TiO_2$ ceramics for the microwave dielectric resonator 43423
In-Gu Kwak *see* Il-Han Park 44960
In-Ho Bae *see* Hyun-Tae Choi 12257
In-Ho Hwang, Se-Jin Seong Design and operation performance analysis of stand-alone type photovoltaic generation system 9133
In-Ho Hwang *see* Gwon-Jong Yu 51589
In-Ho Lee, Ji-Yoon Yoo On the design of AC/DC converter with high power factor and high efficiency 29377
In-Ho Song, Sang-Bong Yoo, Bum-Seek Suh, Dong-Seek Hyun A novel three-level ZVS PWM inverter topology for high-voltage DC/DC conversion systems with balanced voltage sharing and wider load range 29455
In-Hoon Choi *see* Chang-Sik Son 31815
In-Hwan Lee *see* Cheul-Ro Lee 688
In-Hwan Oh, Gun-Woo Moon, Sungkwun Kim, Myung-Joong Youn A novel predictive current

control of induction motor using resonant DC link inverter 50970
In-Hwan Oh, Sung Pil Yoon, Tae Hoon Lim, Suk Woo Nam, Seong-Ahn Hong, Hee Chun Lim Effect of the structural changes of the Ni-Cr anode on the molten carbonate fuel cell performance 51508
In-Joong Ba *see* Jae-Hyuk Oh 38147
In-Kil Park *see* Jeong-Ho Cho 30976
In-Seon Yeo *see* Jae-Young Gwark 29869
In-Sik Kim *see* Jong-Uk Bu 17255
In-Soo Kim *see* Hyun-Tae Choi 12257
In-Su Cha, Hea-Am Park, Huyng-Iae Back, Gwon-Jong Yu, Yeng-Dong Kim The characteristics of compensation on temperature of ultrasonic motor with robot actuator by fuzzy controller 19778
In-Su Cha *see* Gwon-Jong Yu 51589
In-Su Cha *see* Hyung-Lae Baek 9459
In-Tae Kim, Yoon-Ho Kim Low-firing and microwave dielectric properties of $BiNbO_4$ doped by CuO and V_2O_5 32665
In-Won Lee *see* Yong-Wan Kim 17388
In-Young Chung, Young-June Park, Hong-Shick Min A new SOI inverter for low power applications 11440
Ina, E. *see* Kannari, F. 21362
Ina, S. Presentation of images for the blind 8161
Inaba, A. *see* Oba, T. 10927
Inaba, H. Photonic sensing technology is opening new frontiers in biophotonics 58748
Inaba, H., Kawaguchi, T., Wakasugi, K., Kasahara, M. Packet transmission system using algebraic codes and its performance 4484
Inaba, H. *see* Chan, K.P. 4927
Inaba, H. *see* Tsunekane, M. 14043
Inaba, H. *see* Tsunekane, M. 14049
Inaba, K. *see* Kanada, H. 47099
Inaba, M., Hoshino, Y., Nagasaka, K., Ninomiya, T., Kagami, S., Inoue, H. A full-body tactile sensor suit using electrically conductive fabric and strings 36499
Inaba, M., Nagasaka, K., Kanehiro, F., Kagami, S., Inoue, H. Real-time vision-based control of swing motion by a human-form robot using the remote-brained approach 36674
Inaba, M. *see* Imai, H. 446
Inaba, M. *see* Katakura, K. 51541
Inaba, N., Yashima, H., Tsubouchi, T. Error performances of 8-PSK trellis modulation using the maximum likelihood metric and an approximated metric over Rayleigh fading channel 45625
Inaba, N. *see* Miyoshi, T. 40850
Inaba, S., Murakoshi, A., Tanaka, M., Takagi, M.T., Koyama, H., Koike, H., Yoshimura, H., Matsuoka, F. Increase of parasitic resistance of shallow p+ extension with SiN sidewall process by hydrogen passivation of boron and its improvement by preamorphization for sub-0.25 μm pMOSFETs 2653
Inaba, S. *see* Kumazaki, H. 52818
Inaba, S. *see* Takagi, M.T. 43276
Inaba, T., Kusunoki, S., Endo, Y. Analytical simulation of current effect on radiation energy emitted from high current wall-stabilized arcs 39381
Inaba, T., Nakagawara, K., Sakurai, M., Nagane, M. Development of a PTFCC remote-controlled spotlight system for the Tokyo International Forum 39409
Inaba, T., Takashima, D., Oowaki, Y., Ozaki, T., Watanabe, S., Ohsawa, T., Ohuchi, K., Tango, H. A 250 mV bit-line swing scheme for 1-V operating gigabit scale DRAMs 21659
Inaba, T. *see* Nakano, H. 1405
Inada, K. *see* Takeuchi, H. 26714
Inada, T. *see* Kiyota, Y. 22768
Inada, T. *see* Ugai, Y. 48794
Inagaki, A. *see* Michizono, S. 22175
Inagaki, K., Karasawa, Y. Ultra-high-speed optical beam steering by optical phased array antenna 6795
Inagaki, K. *see* Ji, Y. 56195
Inagaki, K. *see* Kimura, K. 6780
Inagaki, K. *see* Kimura, K. 36063
Inagaki, K. *see* Miyazaki, T. 6799
Inagaki, K. *see* Miyazaki, T. 26867
Inagaki, K. *see* Yu Ji 34442
Inagaki, M. *see* Kubozono, R. 16411
Inagaki, N. *see* Imoro, A.I. 24595
Inagaki, N. *see* Imoro, A.I. 45359
Inagaki, N. *see* Jayasuriya, A.C. 32616
Inagaki, N. *see* Kanamori, M. 56127
Inagaki, N. *see* Mano, S. 26563
Inagaki, N. *see* Nishimori, K. 26528
Inagaki, T., Okamoto, Y. Surface temperature measurement near ambient conditions using infrared radiometers with different detection wavelength bands by applying a grey-body approximation: estimation of radiative properties for non-metal surfaces 48980
Inagaki, T. *see* Agawa, H. 27390
Inagaki, Y. *see* Yoshizaki, S. 43315
Inagawa, M. *see* Katsu, K. 31541
Inagawa, N. *see* Katsu, K. 21986
Inagawa, Y. *see* Yan, L. 10129
Inahata, O. *see* Iwakiri, T. 7087
Inaishi, M. *see* Kawaguchi, J. 48182
Inaishi, Y. *see* Arai, T.T. 836
Inal, H., Ersoy, C. A heuristic approach for finding the minimum delay spanning tree in topological design of interconnected LANs 47069
Inami, S.I. *see* Miyano, T. 10609
Inamori, M., Motoyoshi, K., Tambo, T., Tara, K., Hagio, M. Variable-gain amplifier for digital cellular mobile telephones 41524
Inamoto, K. *see* Umeda, T. 59403
Inamura, K. *see* Umeda, T. 59403
Inamura, M. *see* Kobayashi, Y. 46342
Inan, U.S. *see* Carpenter, D.L. 45140
Inanami, R., Morita, S. Effects of transmitted electrons on inductively coupled plasma etching of a Si wafer through an Al mask 12768
Inanami, R., Morita, S. Electron-beam assisted inductively coupled plasma for quarter-micron etching processes 22602
Inanami, R., Uchida, T., Morita, S. Si wafer etching with synchrotron radiation in a CF_4 gas atmosphere 12769
Inaoka, M. *see* Kato, Y. 43314
Inari, T. A new pattern projection method for wide range of surface roughness measurement 48877
Inari, T. *see* Jitsumori, A. 40732
Inarida, S., Ito, S., Nakamura, K. Analyzing method for characteristics of thyristor converter used in AC inverter rolling stock 20176
Inarida, S., Nakamura, K., Iwaji, Y. Study on instantaneous voltage control method for auxiliary power supply system used in rolling stocks 29757
Inatani, J. *see* Irimajiri, Y. 60067
Inatani, J. *see* Sekimoto, Y. 14602
Inatani, J. *see* Shengcai Shi 58517
Inatani, J. *see* Shi, S.C. 41419
Inatomi, K. *see* Katakura, K. 51541
Inatsu, M. *see* Sugiura, A. 35288
Inatsu, M. *see* Sugiura, A. 47520
Inaudi, D., Vurpillot, S., Casanova, N., Osa-Wyser, A. Development and field test of deformation sensors for concrete embedding 17440
Inaudi, D., Vurpillot, S., Lloret, S. In-line coherence multiplexing of displacement sensors: a fiber optic extensometer 17406
Inaudi, D. *see* Vulliet, L. 7389
Inayoshi, H. *see* Kato, T. 57999
Incandela, J. *see* Azzi, P. 37390
Ince, A.T. *see* Ince, R. 17737
Ince, A.T. *see* Mangum, B.W. 27206
Ince, R., Ince, A.T. Noise and balance point characteristics of a.c. and d.c. bridges used for a.c/d.c. and d.c. resistance standards comparisons 17737
Inchiosa, M.E., Bulsara, A.R., Lindner, J.F., Meadows, B.K., Ditto, W.L. Array enhanced stochastic resonance: implications for signal processing 25049
Incollingo, M. *see* Schulz, K.-J. 46609
Incorvaia, N. *see* Dallera, C. 7847
Inculet, I.I. *see* Castle, G.S.P. 33808
Inculet, I.I. *see* Kucerovsky, Z. 32596
Inculet, I.I. *see* Kucerovsky, Z. 32645
Inda, Y., Yamashita, K., Umegaki, T., Greenblatt, M. High temperature pH sensitivities of stabilized zirconia films and ceria ceramics 27535
Indeck, R.S. *see* Glavinas, E. 43693
Indeck, R.S. *see* O'Sullivan, J.A. 32873
Inderbir *see* Mathur, P.C. 54112
Inderhees, S.E. *see* Kroeger, R.A. 59363
Indermuhle, P.-F., Schurmann, G., Racine, G.-A., de Rooij, N.F. Self-sharpening tip integrated on micro cantilevers with self-exciting piezoelectric sensor for parallel atomic force microscopy 54846
Indiresan, A. *see* Ashish Mehra 25988
Indiveri, G., Kramer, J., Koch, C. Parallel analog VLSI architectures for computation of heading direction and time-to-contact 58671
Indjov, B. *see* Daskalov, I. 28370
Indlekofer, G. *see* Aristov, V.Yu. 2238
Indlekofer, G. *see* Marsi, M. 31782
Indof, J. *see* Vojvodic, D. 37696
Indrajo, G. Life in the fast lane 22020
Indrea, E., Barbu, A. Indirect photon interaction in PbS photodetectors 7358
Indrea, E., Deac, I., Barbu, A., Filip, X. Characterization of laser deposited CdTe and $Hg_{1-x}Cd_xTe$ thin films 899
Indrea, E., Jaouen, M. Local structure in the oxygen ion implanted PbS photoconductor thin films by EXAFS spectroscopy 2094
Indrea, E., Jaouen, M., Chartier, P. X-ray absorption fine structure of ion-implanted $Hg_{0.79}Cd_{0.21}Te$ semiconductors 41947
Indrea, E. *see* Pop, I. 2086
Indri, M. *see* Bona, B. 23258
Indulska, J. *see* Brookes, W. 6111
Indulska, J. *see* Brookes, W. 6155
Inenaga, T. *see* Okafuji, S. 23547
Inesta, J.M. *see* Sanchiz, J.M. 15538
Infanger, G. *see* Dantzig, G.B. 50809
Infante, G. *see* Caliendo, C. 58719
Infante, P. *see* Lai, S.L. 27957
Infield, D.G. State-of-the-art of wind-diesel and other hybrid systems 29184
Infield, D.G. *see* Simmons, A.D. 19612
Ing, R.K. *see* Poueta, B.F. 14339
Ing Wei-Liang *see* Wei-Liang Ing
Ing Yann Soon *see* Chai Kiat Yeo 35667
Ing Youn Chen, Chyu, M.-C. Two-phase active thermal control systems for spacecrafts 28490
Ing-Jer Huang, Li-Rong Wang, Yu-Min Wang Synthesis and analysis of an industrial embedded microcontroller 40797
Ing-Jer Lin *see* Jinn-Liang Liu 658
Ingalls, M. *see* Kent, G. 41535
Ingalls, M.W. Model a distributed choke using the concept of duality 41556
Ingalls, W.B., Stelzer, J.E., Williams, H.E., III Recent operating experience with the H^- ion injector at LAMPF/LANSCE 49175
Inganaes, O. *see* Yohannes, T. 39082
Inge, A.Van *see* Van Inge, A.
Ingelman, G., De Roeck, A., Klanner, R. *(editors)* Future Physics at HERA Proceedings of the Workshop 1995/96 37075
Ingels, M., Steyaert, M. Single-chip CMOS integration of photodiodes and optical transmitter for low cost 155 Mb/s optical links 16764
Ingenhoff, J. *see* Ohtsuki, T. 33442
Ingenito, P. *see* Adam, A. 37280
Ingerly, D.B., Chang, Y.A., Perkins, N.R., Kuech, T.F. Ohmic contacts to n-GaN using $PtIn_2$ 21330
Ingerly, D.B. *see* Lin, C.-F. 12525
Ingermanson, R., Parks, D. SPOCK: a SPICE based circuit code for modeling pulsed power machines 9439
Ingermanson, R. *see* Parks, D. 19896
Ingersoll, D.T., Slater, C.O., Redmond, E.L., II, Zamenhof, R.G. Comparison of TORT and MCNP dose calculations for BNCT treatment planning 8125
Ingersoll, D.T., Slater, C.O., Williams, L.R. BNCT filter design studies for the ORNL tower shielding facility 8118
Ingersoll, J.G., Perkins, C.A. The 2.1 kW photovoltaic electric vehicle charging station in the city of Santa Monica, California 51593
Ingerson, P.G. *see* Bowen, J.M. 45382
Inggs, M. The SASAR VHF sensor 16940
Inggs, M.R. Status of the SASAR System 8341
Inggs, M.R. *see* Langman, A. 8356
Inggs, M.R. *see* Langman, A. 8610
Ingham, T. *see* Ackerley, R. 47304
Inghelbrecht, V. *see* Bruneel, H. 46695
Ingle, J.D., Jr, Louch, J., Waddle, R.D., Siemion, E.V. Fiber optic chemical sensors for volatile organics and metal ions 48624
Ingle, N.K., Theodoropoulos, C., Mountziaris, T.J., Wexler, R.M., Smith, F.T.J. Reaction kinetics and transport phenomena underlying the low-pressure metalorganic chemical vapor deposition of GaAs 911
Ingle, N.K. *see* Theodoropoulos, C. 40325
Inglis, A.D., Minowa, I. Fabrication of precision quantised Hall devices 27242
Inglis, A.D. *see* Jeckelmann, B. 58613
Inglis, A.D. *see* Wood, B.M. 27827
Inglis, B.D. *see* Klonz, M. 27313
Inglis, B.D. *see* Sasaki, H. 27357
Ingraham, J.C. *see* Meier, M.M. 28610
Ingram, A. *see* Ho Yang 56224
Ingram, A.E., Barnett, A.M., Cotter, J.E., Ford, D.H., Hall, R.B., Rand, J.A., Thomas, C.J. 13% Silicon Film™ solar cells on low-cost barrier-coated substrates 39208
Ingram, D.L., Cha, K., Hubbard, K., Lai, R. Q-band high isolation GaAs HEMT switches 43122
Ingram, L. *see* Barros, J.G.C. 9121
Ingram, M.A. *see* Anderson, P.D. 45944
Ingram, M.A. *see* Cross, J. 36175
Ingram, M.A. *see* Ho Yang 25032
Ingram, M.A. *see* Minardi, M.J. 16020
Ingram, M.A. *see* Shih-Cheng Wang 16784
Ingram, M.J., Tyce, R.C., Allen, R.G. Dynamic testing of state of the art vertical reference units 48177
Ingram, M.W. *see* Roush, R.A. 50228
Ingram, P. *see* Yu, W. 41765
Ingrey, S. *see* Huang, L.J. 54288
Ingrey, S. *see* Rajesh, K. 42506
Inguscio, M. *see* Paschotta, R. 44380
Ingvesson, K.S. *see* Verevkin, A.A. 2098
Inhester, B. *see* Zidowitz, S. 25591
Inhyok Cha, Kassam, S.A. Nonlinear color image restoration using extended radial basis function networks 25748
Iniewski, K. *see* Jakubowski, A. 54761
Iniguez, B., Fjeldly, T.A. Unified substrate current model for MOSFETs 22827
Iniguez, J. *see* Hernandez, P. 3161
Iniguez, J. *see* Torres, L. 55033
Iniguez, J. *see* Walz, F. 43649
Inkin, Yu.N. *see* Adamovskii, L.A. 59084
Inkol, R., Baetz, K., Herzig, M., Saper, R. The measurement of digital receiver phase errors associated with analog-to-digital conversion 17730
Inkol, R., Szwarc, V., Desormeaux, L., Esonu, M., Al-Khalili, D. A 400 megasample per second digital receiver ASIC 19027
Inkol, R., Szwarc, V., Esonu, M. A GaAs signal processor for electronic warfare receivers 50281
Inkol, R. *see* Ho, K.C. 4430
Inkol, R.J., Clouston, R., Herzig, M., Saper, R.H. A new approach to the design of multiplierless FIR digital filters for quadrature demodulation 15239
Inkov, Yu.M., Litovchenko, V.V., Simonov, M.D. An input converter of a DC locomotive with commutatorless traction motors 51792
In'kov, Yu.M. *see* Bykov, Yu.G. 9660
In'kov, Yu.M. *see* Bykov, Yu.G. 29423
Inman, C.A. *see* Fixsen, D.J. 17008
Inman, D.J. *see* Agnes, G.S. 38931
Inman, N. *see* Rashid, H. 26932
Inman, W. *see* Alley, R. 37033
Inman, W. *see* Ross, M.C. 37150

Inn Seock Kim Improving technical specifications from a risk perspective 19468
Innami, T. *see* Ushio, T. 4424
Inno, S. *see* Yamazaki, T. 9449
Innocent, P.R. Knowledge based simulation models as an aid to product testing for usability 16188
Innocente, V. *see* Adam, A. 37280
Innocente, V. *see* Aloisio, A. 37491
Ino, H., Saruta, K., Kato, N., Nemoto, Y. Handwritten address segmentation algorithm based on stroke information 56920
Ino, H. *see* Hasegawa, K. 49054
Ino, H. *see* Mizumoto, M. 49053
Ino, K. *see* Watanabe, Y. 10133
Ino, M. *see* Ohtomo, Y. 41103
Ino, S. *see* Xiao Tong 32073
Inobe, T. *see* Hino, T. 27146
Inocencio, E., Ricardo, M., Sato, H., Kashima, T. Combined application of SDL-92, OMT, MSC and TTCN 26203
Inohara, H. *see* Yano, S. 41186
Inohara, T., Harada, K. 3D voice chat "OnLive" 57801
Inohara, T., Takahashi, S., Nakano, B. Impossibility of deception in a conflict among subjects with interdependent preference 21038
Inohara, T., Takahashi, S., Nakano, B. Integration of games and hypergames generated from a class of games 52434
Inohara, T. *see* Kondo, K. 5027
Inoi, T. *see* Kawai, H. 2986
Inoi, T. *see* Kawai, H. 32663
Inoi, T. *see* Saitou, S. 31102
Inokawa, H., Okazaki, Y., Nishimura, K., Date, S., Ishihara, T., Mizusawa, T., Miyake, M., Kobayashi, T., Tsuchiya, T. Highly robust 0.25-μm single-poly-gate CMOS with inter-well deep trenches 2813
Inoko, F. *see* Okada, T. 775
Inokuchi, S. *see* Amano, T. 5283
Inokuchi, S. *see* Hiura, S. 7416
Inokuchi, S. *see* Katayose, H. 58585
Inokuchi, S. *see* Manabe, Y. 5305
Inokuchi, S. *see* Nakanishi, T. 48843
Inokuchi, S. *see* Sakaguchi, T. 27924
Inokuchi, S. *see* Xin, Z. 25713
Inomata, H. *see* Kawamura, H. 26574
Inomata, H. *see* Miyazaki, T. 26867
Inomata, T. *see* Yamashita, S. 16230
Inomata, Y., Chazono, H., Kishi, H. Microstructure and dielectric properties of $SrTiO_3$-$PbTiO_3$-$CaTiO_3$ ceramics 2937
Inomoto, Y. *see* Sakata, Y. 33537
Inomoto, Y. *see* Sakata, Y. 44555
Inomoto, Y. *see* Yamazaki, H. 26814
Inose, K. *see* Ikehara, M. 15311
Inoshita, T., Kuramoto, Y., Sakaki, H. Nonlinear low-temperature transport of electrons through a multilevel quantum dot 42238
Inoshita, T., Sakaki, H. Electron-phonon interaction and the so-called phonon bottleneck effect in semiconductor quantum dots 12489
Inoue, A., Sakamoto, S. Intelligent image processing functions 25288
Inoue, A. *see* Hiramatsu, T. 35848
Inoue, A. *see* Hirano, H. 1389
Inoue, A. *see* Hirano, H. 53292
Inoue, A. *see* Iwashima, T. 43937
Inoue, A. *see* Miura, T. 32376
Inoue, A. *see* Miyata, J. 20270
Inoue, A. *see* Ohata, K. 21958
Inoue, A. *see* Sato, M. 10130
Inoue, A. *see* Sato, M. 39826
Inoue, A. *see* Shimada, Y. 2984
Inoue, A. *see* Takao, K. 20157
Inoue, H., Fusayasu, H., Takahashi, N. Investigation of factors affecting crosstalk in a rotary transformer 41552
Inoue, H., Okada, Y., Nakata, T., Fujiwara, K. Magnetic recording analysis of MIG head and medium in a flexible disc drive 43686
Inoue, H. *see* Imano, K. 28688
Inoue, H. *see* Inaba, M. 36499
Inoue, H. *see* Inaba, M. 36674
Inoue, H. *see* Ishida, H. 25883
Inoue, H. *see* Kishimoto, K. 30301
Inoue, H. *see* Matsuda, T. 18282
Inoue, H. *see* Nagai, M. 61347
Inoue, H. *see* Okada, Y. 50894
Inoue, H. *see* Okamoto, K. 41207
Inoue, H. *see* Sumi, H. 40575
Inoue, H. *see* Tanaka, M. 11850
Inoue, H. *see* Tanaka, M. 35103
Inoue, H. *see* Tomaru, T. 27946
Inoue, K. Noise transfer characteristics in LD wavelength conversion 14167
Inoue, K. Software correction for scattered X-rays on cone-beam CT images 28103
Inoue, K., Jinno, M. Signal improvement effect in O/E-E/O conversion using an electro-absorption (EA) modulator 26707
Inoue, K., Nakaoka, M. Theoretical considerations of AC servo motion drive control system with 2-mass mechanically resonant load 51662
Inoue, K., Suzuki, T., Odashima, H., Naito, Y. Development of solder ball arraying method for BGA bump formation 10157
Inoue, K., Yoshino, M. Noise suppression effect in cascaded wavelength conversion using light-injected DFB-LDs 4013
Inoue, K. *see* Baranov, A.V. 24138
Inoue, K. *see* Fujii, K. 42669
Inoue, K. *see* Gotanda, H. 1653
Inoue, K. *see* Gotanda, H. 41368
Inoue, K. *see* Honda, T. 44295
Inoue, K. *see* Iijima, Y. 55108
Inoue, K. *see* Ishibashi, K. 19843
Inoue, K. *see* Ito, H. 22379
Inoue, K. *see* Izumi, T. 60595
Inoue, K. *see* Kawata, M. 51645
Inoue, K. *see* Kumakura, H. 55082
Inoue, K. *see* Maeda, M. 46173
Inoue, K. *see* Mikagi, K. 42667
Inoue, K. *see* Nagao, M. 1921
Inoue, K. *see* Nakashima, H. 12480
Inoue, K. *see* Nishitsuji, M. 2727
Inoue, K. *see* Sakai, H. 49332
Inoue, K. *see* Sato-Iwanaga, J. 43142
Inoue, K. *see* Shirai, K. 57792
Inoue, K. *see* Takeuchi, M. 40450
Inoue, K. *see* Takeuchi, T. 55104
Inoue, K. *see* Tanabe, M. 2700
Inoue, K. *see* Tanaka, K. 1009
Inoue, K. *see* Yoshida, T. 11719
Inoue, M., Kawashima, M., Tominaga, H. Variable bit-rate video transmission using traffic shaping 46561
Inoue, M., Morikawa, H., Mizumachi, M. Size-based resource scheduling for wireless message transport 58106
Inoue, M., Shimada, A., Shirafuji, J. Capture cross section of electric-stress-induced interface states in (100) Si metal/oxide/semiconductor capacitors 22477
Inoue, M., Shimada, A., Shirafuji, J. Oxide-voltage and its polarity dependence of interface-state-generation efficiency in (100) n-Si metal/oxide/semiconductor capacitors 22478
Inoue, M., Shirafuji, J. (100) Si/SiO_2 interface states above midgap induced by Fowler-Nordheim tunneling electron injection 2270
Inoue, M., Sugihara, T., Maemoto, T., Sasa, S., Dobashi, H., Izumiya, S. Low-dimensional electron transport properties in InAs/AlGaSb mesoscopic structures 42104
Inoue, M., Yamamoto, T., Lim Pang Boey, Nishimura, K., Fujii, T., Hirano, T. Magneto-optical Faraday effect of discrete magnetic films with one-dimensional quasirandom array structures 43607
Inoue, M. *see* Avrillon, S. 37342
Inoue, M. *see* Avrillon, S. 59250
Inoue, M. *see* Dewa, H. 37141
Inoue, M. *see* Eryu, O. 42266
Inoue, M. *see* Fujiwara, A. 25589
Inoue, M. *see* Fujiwara, A. 46524
Inoue, M. *see* Harada, S. 12635
Inoue, M. *see* Ikeda, H. 18131
Inoue, M. *see* Ikeda, H. 18134
Inoue, M. *see* Ikeda, H. 59310
Inoue, M. *see* Inoue, N. 54366
Inoue, M. *see* Ito, Y. 20246
Inoue, M. *see* Iwashita, Y. 49211
Inoue, M. *see* Kapin, V. 49181
Inoue, M. *see* Kawakami, T. 59817
Inoue, M. *see* Kimura, R. 14110
Inoue, M. *see* Kulbachinskii, V.A. 54139
Inoue, M. *see* Kushiro, N. 10017
Inoue, M. *see* Okuno, S. 43577
Inoue, M. *see* Okuno, S. 59291
Inoue, M. *see* Sasa, S. 12487
Inoue, M. *see* Sasagawa, T. 24317
Inoue, M. *see* Shirai, T. 37142
Inoue, M. *see* Takabatake, K. 11409
Inoue, M. *see* Takabatake, K. 41076
Inoue, N., Itoh, A., Kimoto, T., Matsunami, H., Nakata, T., Inoue, M. Hot-implantation of nitrogen donors into p-type α-SiC and characterization of n^+-p junction 54366
Inoue, N., Morimoto, K., Araki, T., Ito, T., Homma, Y., Osaka, J. Annihilation of monolayer holes on molecular beam epitaxy grown GaAs surface during annealing as shown by in situ scanning electron microscopy 21283
Inoue, N., Nakamura, M., Sakayori, S., Yamamoto, S., Yato, F. Fast speech recognition method by using likelihood comparison of word unique cells 24812
Inoue, N., Nishida, M., Washino, S. A robust cruise-control system using a disturbance observer 9697
Inoue, N., Ozaki, T., Monnaka, T., Kashiwabara, S., Fujimoto, R. A new pulsed laser deposition method using an aperture plate 40577
Inoue, N. *see* Aramoto, M. 35791
Inoue, N. *see* Kumakura, H. 55082
Inoue, N. *see* Ohoka, H. 48390
Inoue, O. *see* Iwase, R. 26331
Inoue, S., Nakao, M., Yoshinobu, T., Iwasaki, H. Chemical-imaging sensor using enzyme 7453
Inoue, S., Ohshima, H. New degradation phenomenon in wide channel poly-Si TFTs fabricated by low temperature process 43067
Inoue, S., Yamamoto, Y. Longitudinal-mode-partition noise in a semiconductor-laser-based interferometer 55949
Inoue, S. *see* Nakao, M. 17560
Inoue, S. *see* Saito, T. 39294
Inoue, S. *see* Tanaka, S. 2459
Inoue, T., Fujiwara, Y., Miyamoto, K., Miyamoto, N., Nagase, A., Ohara, Y., Okumura, Y., Watanabe, K., Yokoyama, K. High energy acceleration of H^- ion beam at MeV test facility 37062
Inoue, T., Iritani, T., Kinouchi, Y. Use of a linear filter to pulse timing and amplitude from PPM-PAM multiplexed pulse 45857
Inoue, T., Koura, N. Impedance analysis of positive electrode for a lead-acid battery 60990
Inoue, T., Masuzawa, T., Youra, H., Fujiwara, H. An approach to the synthesis of synchronizable finite state machines with partial scan 53129
Inoue, T., Miura, R., Karasawa, Y. Cyclic spreading and over-symbol RAKE reception scheme in wide-band DS/CDMA systems 47638
Inoue, T., Okada, K., Matsushita, Y. Videoconferencing system based on TV programs 26264
Inoue, T., Okada, K., Matsushita, Y. How can feelings be conveyed in network?–use of gestural animations as nonverbal information 57847
Inoue, T., Taniguchi, H., Ikeguchi, Y., Yoshida, K. Estimation of power system inertia constant and capacity of spinning-reserve support generators using measured frequency transients 50298
Inoue, T., Teranishi, T., Taniguchi, Y., Toda, K., Yanari, T. Dielectric characteristics of turn-to-turn insulation models of gas-insulated transformer under very fast transient voltages 9300
Inoue, T., Yamamoto, Y., Satoh, M. Low-temperature epitaxial growth of CeO_2(110)/Si(100) structure by evaporation under substrate bias 30738
Inoue, T. *see* Hiro Nishimura, T. 49798
Inoue, T. *see* Kakizaki, K.-I. 56139
Inoue, T. *see* Kameyama, K. 7867
Inoue, T. *see* Kato, Y. 27862
Inoue, T. *see* Kawai, H. 2986
Inoue, T. *see* Kawai, H. 32663
Inoue, T. *see* Maehata, H. 55979
Inoue, T. *see* Michinishi, H. 11415
Inoue, T. *see* Michinishi, H. 53123
Inoue, T. *see* Miyamoto, K. 37185
Inoue, T. *see* Ohata, K. 21958
Inoue, T. *see* Ota, H. 38293
Inoue, T. *see* Sato, T. 40917
Inoue, T. *see* Yamamoto, Y. 40394
Inoue, T. *see* Youra, H. 11407
Inoue, W., Yokota, H., Kobayashi, H., Nishi, H. Proposal of computer telephony system using advanced call-connection method 47275
Inoue, Y. Silica-based planar lightwave circuits for WDM systems 26926
Inoue, Y., Kato, Y., Maruyama, A., Nakano, E., Okusawa, T., Shimonaka, A., Takahashi, T., Teramoto, Y., Kichimi, H., Watanabe, Y., Yamamoto, A., Yamaoka, H. The TOPAZ muon detector 49326
Inoue, Y., Nakazawa, T., Sawada, K., Sudo, T. Development of crack-free plastic package: Evaluation of high reliability of CSS (chip side support) structure 10082
Inoue, Y. *see* Hosaka, M. 54532
Inoue, Y. *see* Ipposhi, T. 13006
Inoue, Y. *see* Ishida, O. 36103
Inoue, Y. *see* Iwamatsu, T. 42993
Inoue, Y. *see* Iwamatsu, T. 53114
Inoue, Y. *see* Kaminaga, K. 50594
Inoue, Y. *see* Kim, I.J. 43261
Inoue, Y. *see* Kitamura, H. 29340
Inoue, Y. *see* Maeda, S. 41066
Inoue, Y. *see* Matsubara, T. 51019
Inoue, Y. *see* Matsukura, N. 55099
Inoue, Y. *see* Minowa, M. 36582
Inoue, Y. *see* Nakano, T. 43518
Inoue, Y. *see* Nakashima, H. 12480
Inoue, Y. *see* Nishikawa, H. 57714
Inoue, Y. *see* Oashi, T. 41171
Inoue, Y. *see* Onuki, H. 59117
Inoue, Y. *see* Shibata, Y. 44325
Inoue, Y. *see* Shiomi, K. 17613
Inoue, Y. *see* Shiomi, K. 27789
Inoue, Y. *see* Sugimoto, N. 3442
Inoue, Y. *see* Takeuchi, M. 40450
Inoue, Y. *see* Ueda, Y. 40592
Inoue, Y. *see* Yamaguchi, Y. 22821
Inoue, Y. *see* Yanagisawa, M. 58329
Inoue, Y. *see* Yasuoka, A. 43013
Inouye, Y. Criteria for blind deconvolution of multichannel linear time-invariant systems 34972
Inouye, Y., Sato, T. Unconstrained optimization criteria for blind deconvolution of mulitichannel linear systems 34745
Insalaco, L. *see* Krisa, W.L. 42842
Insana, M.F. *see* Bilgen, M. 28121
Inseok Hwang *see* Ho-Jun Song 21676
Insko, E.K. *see* Reddy, R. 59409
Installe, M. How to educate future engineers towards a better understanding of the relationships between technology, society and the environment? 30032
Instone, I. Simplified method for assessing uncertainties in a commercial production environment 9992
Insung Lee *see* Seok Jin Jang 58162
in't Veld, R.J.Huis *see* Huis in't Veld, R.J.
Intator, N. *see* Huynh, Q.Q. 34939
Interholzinger, K. *see* Patel, D. 22384
Interlando, J.C., Palazzo, R., Jr., Elia, M. On the decoding of Reed-Solomon and BCH codes over integer residue rings 56328

Intrator, N. Neuronal goals: efficient coding and coincidence detection 25738
Intrator, N. *see* Shimshoni, Y. 25189
Intravaia, A. *see* Conti, E. 37364
Inturi, V.R. *see* Barnard, J.A. 3044
Inubushi, A., Tanomaru, J. Neural network system for recognition of digits using shadow codes 5438
Inui, K. *see* Sakurai, K. 10080
Inui, S. *see* Hagihara, Y. 41206
Inui, T. *see* Hirata, S. 43359
Inui, Y., Sugita, H., Ishikawa, M., Umoto, J. Behavior of He-Cs closed-cycle disk MHD generator connected to electric power system through line-commutated inverter 51611
Inuiguchi, M., Sakawa, M. Robust soft optimization in a fuzzy linear programming problem 10421
Inuiguchi, M., Sakawa, M. An achievement rate approach to linear programming problems with an interval objective function 21090
Inuishi, M. *see* Furukawa, A. 2837
Inuishi, M. *see* Kuroi, T. 2810
Inuishi, M. *see* Oashi, T. 41171
Inuishi, M. *see* Sayama, H. 43296
Inuishi, M. *see* Shimizu, S. 2797
Inuishi, M. *see* Ueno, S. 1352
Inuishi, M. *see* Yamashita, T. 41172
Inuishi, M. *see* Yasuoka, A. 43013
Inujima, H. *see* Umeda, Y. 60490
Inukai, Y. *see* Shimizu, S. 28082
Inuoue, Y. *see* Ueda, K. 21568
Inutsuka, R. *see* Yamamoto, M. 52254
Inuzuka, K. *see* Matsuno, M. 9204
Invernizzi, M. *see* Bottino, M.P. 61161
Invernizzi, M. *see* Delfino, B. 8727
Invernizzi, M. *see* Mpanda-Mabwe, B. 50513
Inwhee Joe Packet loss and jitter control for real-time MPEG video communications 25516
Iny, D., Morici, M. Quantitative analysis of HRR NCTR performance drivers 6950
Io, E. *see* Shin, J.-K. 55350
Ioakimidis, N.I. Inequality constraints in one-dimensional finite elements for an elastic beam on a tensionless Winkler foundation 30672
Ioan, C., Moldovanu, A., Macovei, C., Moldovanu, E. Extension of the frequency range of fluxgate magnetometers 7267
Ioan, C. *see* Moldovanu, A. 7278
Ioannides, A.A. *see* Samonas, M. 59531
Ioannides, M.G. *see* Tsamakis, D.M. 3265
Ioannidis, G., Xanthoulis, E., Manias, S.N. A novel uninterruptible power supply system with sinusoidal input-output characteristics and simplified control circuit 51332
Ioannidou, M.P. *see* Stratigaki, L.G. 14574
Ioannou, D., Dugan, E.T. Parallelogram detection in a digital image with the use of the Hough transform 5409
Ioannou, D., Dugan, E.T., Laine, A.F. On the uniqueness of the representation of a convex polygon by its Hough transform 15439
Ioannou, D.E. *see* Sinha, S.P. 12997
Ioannou, D.E. *see* Sinha, S.P. 42994
Ioannou, P. *see* Raza, H. 9650
Iocco, M. *see* Pepino, A. 18500
Iochi, H., Akaiwa, Y. Co-channel interference measuring methods for digital mobile communications 35973
Iodice, A. *see* Franceschetti, G. 48111
Iodice, A. *see* Franceschetti, G. 58412
Iodice, M. *see* Cocorullo, G. 7257
Iodice, M. *see* Cocorullo, G. 58695
Iodice, M. *see* Cutolo, A. 44076
Iodice, M. *see* Perrino, R. 37264
Ioffe, I., Koss, V., Perelman, N., Hilton, D. UV radiation of the GTA welding plasma versus shielding gas composition 39763
Ioffe, M.S. *see* Wan, J.K.S. 36779
Iof'yev, B.I. Determining the limit of active power exchange in a three-node power system 28749
Iof'yev, B.I. Structures of electrical power system emergency control systems 50418
Ioimo, R.E. Improving patrol officer effectiveness and productivity by empowering them with information technology: a new look at mobile computing 47005
Ioinovici, A. *see* Guangyong Zhu 53024
Ioinovici, A. *see* Jun Chen 11165
Ioinovici, A. *see* Zhu, G.Y. 51367
Ioka, I. *see* Kaji, Y. 38505
Ioltukhovski, A.A. *see* Shananin, R.A. 44432
Ion, F. *see* Constantin, I. 26581
Ionaitis, R.R. Concept of functional materials use in unconventional means for nuclear plants 29026
Ionel, D.M., Balchin, M.J., Eastham, J.F., Demeter, E. Finite element analysis of brushless DC motors for flux weakening operation 9259
Ionel, D.M. *see* Eastham, J.F. 51034
Ionescu, A., Mathieu, N., Terrot, J.M. A simple bulk micromachining technique using NMOS (IC) processes: microcantilever fabrication 13185
Ionescu, A. *see* Cristoloveanu, S. 22459
Ionescu, A. *see* Cristoloveanu, S. 42302
Ionescu, A.M., Cristoloveanu, S., Munteanu, D., Elewa, T., Gri, M. A new lifetime characterization technique using drain current transients in SOI material 22452
Ionescu, A.M. *see* Mathieu, N. 9909
Ionescu, A.M. *see* Morfouli, P. 9903
Ionescu, A.M. *see* Popescu, A.E. 42967
Ionescu, A.M. *see* Rusu, A. 9870
Ionescu, C.R. *see* Ionescu, F. 48528
Ionescu, D. *see* Lavoie, P. 57453
Ionescu, D.M., Wickert, M.A., Hine, J.J. Integration-free projection of a sampled signal on a multiresolution analysis ladder space via approximation theory 25061
Ionescu, F., Georgescu, A., Ionescu, C.R. Characterisation of Romanian Si photodiodes in NIR and visible range 48528
Ionescu, F.C. Theory and practice of a fully controllable white noise generator 40947
Ionescu, M. *see* Dou, S.X. 43771
Ionescu, M. *see* Jin, J.X. 43849
Ionescu, M. *see* Kusevic, I. 43768
Ionescu, M.H., Dou, S.X., Babic, E., Kusevic, I., Collings, E.W. Improved Bi-2212/Ag performance as competitor to Bi-2223/Ag in high-T_c superconductor wire applications 55084
Ionescu, R., Vancu, A. Factors influencing the electric conductance of SnO_2 gas sensors 48745
Ionescu, V. *see* Nascu, C. 31893
Ionescu, V. *see* Pop, I. 2086
Ionin, A. *see* Afanas'ev, L. 13935
Ionin, A. *see* Afanas'ev, L. 14296
Ionin, A. *see* Afanasev, L. 33362
Ionin, A.A., Klimachev, Yu.M., Kobsa, H., Sinitsyn, D.V. Pulsed frequency-selective tunable Q-switched CO laser excited by an electron-beam-controlled discharge 55486
Ionin, A.A. *see* Afanasiev, L.A. 4056
Ionov, A.N. *see* Shlimak, I. 12683
Ionov, B.P. *see* Kosykh, A.V. 21531
Iordache, Gh. *see* Buda, M. 44538
Iordache, O., St-Martin, S. Quality evaluation for direct metallizations: new frames for DoE 11853
Iordanescu, S. *see* Muller, A. 41505
Ioritani, N. *see* Fujimoto, K. 28422
Ioroi, T., Uchimoto, Y., Ogumi, Z., Takehara, Z. Preparation and characteristics of Ni/YSZ cermet anodes by vapor-phase deposition 51517
Iosad, N. *see* Caputo, P. 43812
Iosad, N. *see* Shitov, S.V. 3286
Iossifides, A.C., Pavlidou, F.-N. Packet success probability and throughput evaluation of microcellular S-ALOHA DS/CDMA systems 26541
Iost, M. *see* Frijlink, P.M. 43133
Ioudine, I. *see* Adam, A. 37280
Ioudine, I. *see* Alberdi, J. 37564
Iov, V. Characterization of garnet laser crystals by cathodoluminescence emission in a scanning electron microscope 14048
Iov, V. *see* Alexandru, H.V. 10589
Iovdalskii, V.A. *see* Gvozdev, V.N. 48831
Iovu, M., Andriesh, A., Shutov, S., Bulgaru, M., Popescu, M., Sava, F., Lorinczi, A. Electrical and photoelectrical properties of glassy As_2Se_3 doped with Mn, Dy and Sm 42004
Iovu, M.S., Kolomeiko, E.P., Pochik, I., Kos, M. Photosensitivity of α-C:H/p-type Si heterojunctions 12331
Ip, H.H.S., Chan, C.S. Script-based facial gesture and speech animation using a NURBS based face model 25256
Ip, H.H.S., Wong, W.H. Fast conditioning algorithm for significant zero curvature detection 56596
Ip, H.H.S. *see* Dinggang Shen 46222
Ip, J. *see* Yamazaki, K. 20445
Iparraguirre, I. *see* Azkargorta, J. 33464
Ipen, E.P. *see* Nelson, L.E. 3729
Ippen, E.P. *see* Haus, H.A. 33410
Ippen, E.P. *see* House, J.L. 789
Ippen, E.P. *see* Jones, D.J. 14323
Ippen, E.P. *see* Maniki, S. 33415
Ippen, E.P. *see* Namiki, S. 23773
Ippolito, L. *see* Feil, J. 34092
Ippolito, M.G. *see* Campoccia, A. 38337
Ippolitov, M.S. *see* Akimov, V.A. 28024
Ipposhi, T., Iwamatsu, T., Miyamato, S., Inoue, Y., Miyoshi, H. Threshold voltage variation of parasitic transistors due to fixed charge at SOI/SiO_2 interface in LOCOS-isolated SOI MOSFETs 13006
Ipposhi, T. *see* Iwamatsu, T. 42993
Ipposhi, T. *see* Iwamatsu, T. 53114
Ipposhi, T. *see* Maeda, S. 41066
Ipposhi, T. *see* Yamaguchi, Y. 22821
Ipsen, I.C.F. *see* Campbell, S.L. 10481
Iqbal, A., Darwazeh, I.Z. Analytical modelling of the heterojunction bipolar transistor based distributed amplifier 11733
Iqbal, M.Z. *see* Qurashi, U.S. 2011
Iqbal, M.Zafar *see* Zafar Iqbal, M.
Iragui, V., Kutas, M., Salmon, D.P. Event-related brain potentials during semantic categorization in normal aging and senile dementia of the Alzheimer's type 18404
Irakliotis, L.J., Mitkas, P.A. Three-dimensional tomographic storage scheme for optoelectronic implementation of database operations 23465
Irakliotis, L.J., Mitkas, P.A. The optical memory-electronic computer interface 32988
Irakliotis, L.J., Stanko, P.J., Wilmsen, C.W., Mitkas, P.A. Demonstration of a VCSEL-based optoelectronic look-up table 44141
Irakliotis, L.J. *see* Lurkins, J.W. 33171
Iramina, K. *see* Nakagawa, S. 8049
Irani, K.B. *see* Hankinson, M. 32168
Irani, M., Anandan, P. A unified approach to moving object detection in 2D and 3D scenes 5144
Irani, M., Rousso, B., Peleg, S. Recovery of ego-motion using region alignment 46314
Iraschko, R.R., MacGregor, M.H., Grover, W.D. Optimal capacity placement for path restoration in mesh survivable networks 5891
Iravani, M.R. *see* Nabavi-Niaki, A. 19104
Iravani, M.R. *see* Perkins, B.K. 50524
Iravani, R. *see* Gole, A.M. 38858
Iredale, N., Linfield, E.H., Rose, P.D., Ritchie, D.A., Pepper, M., Jones, G.A.C. Formation of narrow channels using split back-gates defined by in situ focused ion beam lithography 43125
Iredale, P.J. *see* Granito, C. 27744
Irehvije, R., Modarres, M., Lind, M. A comparison of three functional modeling methods 30398
Irene, E.A. *see* Auciello, O. 846
Irene, E.A. *see* Conrad, K.A. 2343
Irene, E.A. *see* Firon, M. 52771
Irey, P.M., IV, Harrison, R.D., Marlow, D.T. Evaluating LAN communications performance for a real-time environment 6132
Irfan *see* Yoshida, S. 21394
Irgang, T.D. *see* McGill, M.J. 50041
Irgang, T.D. *see* McGill, M.J. 60060
Iribarren, G. *see* Rivara, M.-C. 10558
Iribas, M.Larraz *see* Larraz Iribas, M.
Irie, H., Katayama, T. Simple method for detecting torque of an induction motor with a synchronous rectifier circuit 60729
Irie, H. *see* Miki, Y. 60225
Irie, H. *see* Taniguchi, K. 51245
Irie, K., Ohta, N., Morisaki, M., Tsuji, H. Low-end card for regional PC communication network 58035
Irie, M. *see* Hamano, M. 13552
Irie, M. *see* Tsujioka, T. 14299
Irie, M. *see* Tsujioka, T. 43914
Irie, T. A study on fiber-integrated isolators 55219
Irie, T. *see* Nawa, M. 17802
Irie, T. *see* Tsuji, O. 10025
Irie, Y. *see* Katoh, J. 39364
Irie, Y. *see* Sakakima, H. 43657
Irii, H. *see* Yamazaki, T. 45668
Irikura, M. *see* Fujiwara, S. 10665
Irimajiri, Y., Ochiai, S., Masuko, H., Noguchi, T., Sheng-Cai Shi, Inatani, J. A low noise 200 GHz band SIS mixer for atmospheric research 60067
Irimajiri, Y. *see* Nakajima, H. 7024
Irino, T., Patterson, R.D. A time-domain, level-dependent auditory filter: the gammachirp 34774
Irisarri, G.D., Wang, X., Tong, J., Mokhtari, S. Maximum loadability of power systems using interior point nonlinear optimization method 50299
Irisarri, G.D. *see* Chadalavada, V. 50361
Irisawa, D. *see* Shintomi, K. 49497
Irish, J. *see* Agrawal, Y.C. 50004
Irish, J.D., Kery, S. Elastic tether technology for shallow water moorings in harsh environments: results from Georges Bank 50195
Irish, J.D. *see* Kery, S. 50196
Irish, V. Intellectual property rights 52088
Irisov, V.G. Small-slope expansion for thermal and reflected radiation from a rough surface 28656
Irisov, V.G., Trokhimovski, Yu.G. Observation of the ocean brightness temperature anisotropy during the Coastal Ocean Probing Experiment 8478
Irisov, V.G. *see* Westwater, E.R. 8425
Irita, T., Fujishima, M., Hoh, K. Chaos in bipolar devices 12911
Irita, T., Suzuki, Y. A drying method using naphthalene for flexible microgripper fabrication 32567
Iritani, T. *see* Inoue, T. 45857
Iriyama, E. *see* Yoshiki, K. 16570
Iriyama, T. *see* Nakagomi, S. 48722
Irkaev, S.M. *see* Masterov, V.F. 54125
Irkha, V.I. *see* Batrakov, V.V. 17577
Irmer, G. *see* Miao, J. 32142
Irmer, G. *see* Tiginyanu, I.M. 54080
Irmscher, D. *see* Bieser, F. 59307
Irochu, F. *see* Brailovski, V. 51438
Irokawa, H. *see* Hasegawa, T. 8859
Irokawa, S. *see* Itoh, K. 14646
Irons, F.H. *see* Hummels, D.M. 1543
Irons, J. *see* Betty, C.L. 8394
Irons, J.R., Williams, D.L., Markham, B.L. Landsat 7 and beyond 8388
Irons, J.R. *see* Brakke, T.W. 8537
Irons, J.R. *see* Brown de Colstoun, E.C. 18766
Irons, J.R. *see* Li, Z. 8395
Irons, J.R. *see* Russell, C.A. 8298
Irons, S.M. *see* Wille, V. 35962
Ironside, C.N., McDougall, S.D. Monolithic modelocking of semiconductor lasers for terahertz applications 55740
Ironside, C.N. *see* Acioli, L.H. 3720
Ironside, C.N. *see* McDougall, S.D. 23996
Ironside, C.N. *see* Stegeman, G.I. 33697
Iroshnikov, N.G., Vorontsov, M.A. Nonlinear interferometer with Kerr slice and 2D feedback: conditional instability 24169
Iroshnikov, N.G. *see* Ivanov, V.Yu. 24170
Iroshnikov, N.G. *see* Ivanov, V.Yu. 33690
Irrera, A. *see* Cali, A. 8879
Irrgang, H. *see* Irrgang, R. 25301
Irrgang, R., Irrgang, H. An intelligent snake growing algorithm for fuzzy shape detection 25301
Irschik, H. *see* Weiss, C. 54996
Irsigler, M. *see* Petrovitsch, H. 20155
Irsigler, R. *see* Rogalla, M. 32358

Irvine, J.J., Hadjiloucas, S., Keating, D.A., Usher, M.J. An automatic optical fibre feedback potometer for transpiration studies 17553
Irvine, K. *see* Dmitriev, V. 10796
Irvine, K. *see* Dmitriev, V. 10880
Irvine, K.G. *see* Dmitriev, V.A. 13214
Irvine, S.A. *see* Boyd, C. 24668
Irvine, S.J.C. *see* Musca, C.A. 12281
Irvine, S.J.C. *see* Stafford, A. 40343
Irvine, S.J.C. *see* Svoronos, S.A. 10856
Irvine-Halliday, D. *see* Karmacharya, R.R. 16318
Irvine-Halliday, D. *see* Khan, M.R. 13619
Irvine-Halliday, D. *see* Pang, V.Y.C. 16125
Irvine-Halliday, D. *see* Peng-Gang Zhang 17285
Irvine-Halliday, D. *see* Peng-Gang Zhang 17435
Irvine-Halliday, D. *see* Peng-Gang Zhang 17436
Irving, A.D., Dewson, T. A hierarchy moment approach to the analysis and forecasting of linear-nonlinear propagation 34050
Irving, A.D. *see* Dewson, T. 30570
Irving, M.R. *see* Abdelaziz, A.Y. 38274
Irving, M.R. *see* Abdelaziz, A.Y. 50624
Irving, M.R. *see* Abdelaziz, A.Y. 50633
Irving, M.R. *see* Hill, R.J. 9675
Irving, M.R. *see* Orero, S.O. 8836
Irving, M.R. *see* Orero, S.O. 19154
Irving, M.R. *see* Orero, S.O. 50459
Irving, M.R. *see* Rolim, J.G. 19155
Irving, M.R. *see* Yu, J.G. 39309
Irving, W.W., Washburn, R.B., Tenney, R.R. Lognormal approximation for quantifying performance of Bayesian target classifier in presence of pose uncertainty 4752
Irving, W.W. *see* Fosgate, C.H. 27065
Irwin, G. *see* Kuffel, P. 50411
Irwin, G. *see* McGinnity, S. 26989
Irwin, G.W. *see* McDowell, D.M. 60173
Irwin, G.W. *see* McGinnity, S. 34741
Irwin, G.W. *see* Wilson, D.J.H. 30343
Irwin, K.D. *see* Shutt, T. 37472
Irwin, M.J. *see* Acken, K.P. 11321
Irwin, M.J. *see* Borah, M. 21733
Irwin, M.J. *see* Borah, M. 22988
Irwin, M.J. *see* Gayles, E.S. 11499
Irwin, M.J. *see* Mehta, H. 21756
Irwin, M.J. *see* Nagendra, C. 21604
Irwin, M.J. *see* Nagendra, C. 21816
Irwin, R. *see* Mclaren, T. 33330
Iryanto, I. *see* Baier-Saip, J.A. 3478
Isa, H. *see* Okayama, H. 29603
Isa, I. *see* Yamamoto, H. 11760
Isa, S. *see* Nagata, K. 53268
Isa, S. *see* Saeki, T. 1385
Isa, V. The expression of uncertainties in measurement of the RMS-value by means of an ADC 11519
Isaac, J. *see* Sreemoolanadhan, H. 1692
Isaacks, B.G. *see* Ford, J.M. 18412
Isaacs, E.A., Morris, T., Rodriguez, T.K., Tang, J.C. A comparison of face-to-face and distributed presentations 47249
Isaacs, E.D. *see* Marcus, M.A. 42794
Isaacs, H.S. *see* Schmuki, P. 2401
Isaacs-Smith, T. *see* Tin, C.C. 54304
Isaacson, I.P. *see* Hoff, H.A. 12544
Isaacson, M. *see* Tanenbaum, D.M. 22701
Isaacson, M.S. *see* Lo, W.K. 22150
Isaacson, S.I. *see* Blanco, S. 28348
Isabelle, D.B. *see* Ntsoenzok, E. 54020
Isabelle, J.-F. *see* Farhat, A. 14892
Isacks, B.L. *see* Forster, R.R. 28654
Isaenko, L., Merkulov, A., Tyurikov, V., Mashkovtsev, R., Gromilov, S. Growth and characterization of $KTi_{1-x}Zr_xAsO_5$ single crystals 10612
Isaenko, L.I. Efficient converters of laser radiation in the VUV-IR range, based on nonlinear single crystals 4068
Isaenkov, V.E. *see* Matveev, V.V. 9510
Isaev, A.A. Transformation of copper and copper bromide laser radiation in non-linear processes 3690
Isaev, A.A., Jones, D.R., Little, C.E., Petrash, G.G., Whyte, C.G., Zemskov, K.I. 1.3 W average power at 255 nm by second harmonic generation in BBO pumped by a copper HyBrID laser 3992
Isaev, K.S. *see* Baryshev, Yu.P. 32198
Isaev, M.M. *see* Gadzhiev, Ch.M. 48959
Isaev, V.A. *see* Aksyonov, V.A. 3371
Isaeva, T.N. *see* Kim, P.D. 3182
Isaikina, E.D. *see* Aksyonov, V.A. 3371
Isaji, O. *see* Saito, T. 27072
Isaka, K. *see* Chiba, A. 59830
Isaka, K. *see* Tarao, H. 8183
Isakov, A. *see* Kovita, S. 21537
Isakov, V.A., Kanavin, A.P., Smetanin, I.V. Self-induced focusing and defocusing of femtosecond pulses in Raman-active media 14404
Isakov, V.A. *see* Belenov, E.M. 14294
Isakov, V.K. *see* Alekseev, V.N. 13920
Isakov, V.K. *see* Vitsinskii, S.A. 14249
Isaksson, A.J. *see* Gustafsson, F. 48088
Isani, A.A. *see* Memon, A.A. 22597
Isao, S. *see* Tadaomi, S. 59827
Isao Takahashi *see* Toshihiko Noguchi 38723
Isar, A. A new class of adaptive systems, the tracking filters 1562
Isasa, M.V. *see* Perez, M.S. 34419
Isasi-Vinuela, P., Molina-Lopez, J.M., Navia-Vazquez, A. Hydroelectric power plant predictive maintenance relying on neural network acoustic module 38634
Isawa, K., Hashimoto, Y. High-speed I_{DDQ} measurement circuit 48803
Isawa, K. *see* Kurono, M. 58396
Isawa, Y. Circuit theory in ballistic conducting channel 11028
Isawa, Y., Okamoto, A., Hatano, T. Effect of spatially varying potential on photon-assisted tunneling in quantum dots 42114
Isberg, M. *see* Jonsson, P. 42912
Isberg, P. *see* Skytt, P. 37580
Ise, H., Azuma, K. Development of molding using resin granules for IC packages 10061
Ise, S.J., Perloff, J.M. Effects of FCC regulations on television profits 58532
Isek, H. *see* Masamune, K. 8076
Iseki, Y., Yoshida, F., Yamanaka, N., Takami, K. Advanced electrical systems for hot-rolling mills 20267
Iseki, Y. *see* Shizuki, Y. 16564
Iseler, G. *see* Chauvet, M. 24104
Iselt, A. *see* Kellerer, W. 26249
Isemura, M. *see* Sugai, K. 54492
Isenberg, J.K. *see* LaBranche, M.H. 61294
Isensee, G. *see* Tonshoff, H.K. 57152
Isenstein, B., Egan, M. RACEway interlink overview and survey 57835
Isenstein, B. *see* Blau, B. 16343
Iserles, A. *see* Calvo, M.P. 10532
Isernia, T., Soldovieri, F., Leone, G., Pierri, R. On the local minima in phase reconstruction algorithms 15352
Isernia, T. *see* Pierri, R. 8371
Isgor, W. *see* Honerla, J. 48747
Isgum, V. *see* Pacelat, E. 37796
Isgum, V. *see* Sekulic, A. 37794
Ish-Shalom, J. Large-signal measurements of a composite magnetic structure for planar motors 29359
Ishchenko, A.A. *see* Bezrodnyi, V.I. 23638
Ishi, K. *see* Kato, R. 18014
Ishi, K. *see* Shibata, Y. 20221
Ishi, K. *see* Shibata, Y. 44325
Ishi, Y. *see* Tajima, T. 17982
Ishibashi, A. *see* Chuang, S.L. 33293
Ishibashi, A. *see* Logue, F.P. 23984
Ishibashi, A. *see* Logue, F.P. 31970
Ishibashi, A. *see* Nakayama, N. 55637
Ishibashi, A. *see* Toda, A. 40464
Ishibashi, A. *see* Tsukamoto, H. 42379
Ishibashi, A. *see* Yoshida, H. 14161
Ishibashi, F., Noda, S. Frequencies and modes of electromagnetic vibration of a small induction motor 29301
Ishibashi, F. *see* Tsuboi, K. 38736
Ishibashi, H., Yoshimi, M. A study on service data transfer procedure using SCF and SDF 26653
Ishibashi, H. *see* Miyachi, H. 41252
Ishibashi, K., Furukawa, Y., Ichihara, C., Yokoyama, K., Inoue, K., Fukuyama, H. Design of a new high voltage generator for ion beam analysis 19843
Ishibashi, K., Gonmori, H. Static magnetic field analysis by BEM utilizing edge boundary condition 44928
Ishibashi, K., Kimura, J. A new anisotropic conductive film with arrayed conductive particles 824
Ishibashi, K. *see* Bird, J.P. 12467
Ishibashi, K. *see* Kanda, A. 13510
Ishibashi, K. *see* Kato, S. 49157
Ishibashi, K. *see* Kishimoto, M. 23420
Ishibashi, K. *see* Minami, M. 53300
Ishibashi, K. *see* Mizuno, H. 1334
Ishibashi, K. *see* Mizuno, H. 1476
Ishibashi, K. *see* Ochiai, Y. 12468
Ishibashi, K. *see* Sasaki, N. 42237
Ishibashi, K. *see* Shimazaki, Y. 21711
Ishibashi, M. *see* Yoshitomi, Y. 23325
Ishibashi, R., Yamada, H., Nagai, T., Kitajima, Y., Takahashi, H., Takahashi, H. Coaxial transmission equipment 7082
Ishibashi, S., Naganuma, K., Yokohama, I., Ishida, Y., Kaino, T. Cr^{4+}:YAG laser crystal grown by the laser-heated pedestal growth method 14073
Ishibashi, T., Nakajima, O., Nagata, K., Yamauchi, Y., Ito, H., Sugahara, H. AlGaAs/GaAs heterojunction bipolar transistors. The device technology and circuit applications 16817
Ishibashi, T. *see* Shimizu, N. 54568
Ishibashi, T. *see* Watanabe, N. 32149
Ishibashi, Y., Iwata, M. Physical properties of composites 2879
Ishibashi, Y., Nagamatsu, M., Yanaru, T. Accelerating concurrent fault simulation by parallel pattern emptiness checking of fault lists 21452
Ishibashi, Y., Tasaka, S., Tsuji, A. Measured performance of a live media synchronization mechanism in an ATM network 5770
Ishibashi, Y. *see* Aoki, M. 1349
Ishibashi, Y. *see* Fujimoto, K. 28422
Ishibashi, Y. *see* Matsumoto, F. 11563
Ishibashi, Y. *see* Shouno, K. 21788
Ishibasi, Y. *see* Nam, S.M. 21299
Ishibe, S. *see* Yamagata, Y. 50635
Ishibori, I. *see* Yokota, W. 49266
Ishida, A., Arai, Y., Akasaka, S., Haga, N., Katsuta, K. Constraint-based elevator design support system 20807
Ishida, A. *see* Mimura, M. 36816
Ishida, H., Inoue, H. Evaluation of VPC utilization under ABR control 25883
Ishida, H., Nakamoto, T., Moriizumi, T. Study of odor compass 27723
Ishida, H., Nakamoto, T., Moriizumi, T. Study of odor compass 27747
Ishida, H. *see* Minami, M. 53300
Ishida, H. *see* Mizuno, H. 1334
Ishida, H. *see* Nakamoto, T. 27725
Ishida, I., Miyatsuji, K., Tanaka, T., Takenaka, H., Furukawa, H., Nishitsuji, M., Tamura, A., Ueda, D. Low current wideband amplifier using 0.2 μm gate MODFET fabricated by using phase-shift lithography 41497
Ishida, I. *see* Nozaki, M. 26033
IShida, I. *see* Watanabe, H. 13434
Ishida, K., Tateiba, M. On the applicability of a boundary matching technique to the reconstruction of circularly symmetric cylinders from scattered H-wave 45120
Ishida, K. *see* Ishikawa, M. 11769
Ishida, K. *see* Mano, H. 17645
Ishida, K. *see* Ono, N. 16606
Ishida, M., Akao, N., Hara, N., Sugimoto, K., Fujii, S. Corrosion of multilayers used for magnetoresistive head in aqueous solution environment 32800
Ishida, M., Hill, R.M. The electrical impedance of a continuously scaled fractal transmission line 56082
Ishida, M., Ikeda, Y., Mitsui, H., Kumazawa, R., Kuroki, T. Deterioration of mica-alumina composite insulations at high temperatures 23252
Ishida, M. *see* Choi, S.O. 27454
Ishida, M. *see* Goto, T. 20102
Ishida, M. *see* Hashimoto, T. 12248
Ishida, M. *see* Higuchi, S. 38741
Ishida, M. *see* Kim, H. 12777
Ishida, M. *see* Kuboyama, H. 16260
Ishida, M. *see* Matsumoto, Y. 36532
Ishida, M. *see* Suda, Y. 30787
Ishida, M. *see* Takao, H. 27452
Ishida, M. *see* Tsukutani, T. 41306
Ishida, M. *see* Wado, H. 30818
Ishida, O., Hasegawa, T., Tsurumaki, W., Iwashita, K. Parallel-optical-interconnecting multiwavelength star network (POIMS Net) for the ultimate in high-capacity switching 36169
Ishida, O., Takahashi, H., Inoue, Y. Digitally tunable optical filters using arrayed-waveguide grating (AWG) multiplexers and optical switches 36103
Ishida, O. *see* Fukui, M. 58294
Ishida, O. *see* Suematsu, N. 21961
Ishida, O. *see* Takeshita, K. 16165
Ishida, S., Hashimoto, S., Yasuzato, T., Kasama, K. DOF enhancement effect of attenuated assist feature 22633
Ishida, S. *see* Schur, R. 55656
Ishida, S. *see* Yasuzato, T. 2461
Ishida, T. *see* Hayafuji, N. 22873
Ishida, T. *see* Ishiguro, H. 34802
Ishida, T. *see* Itagaki, M. 30267
Ishida, T. *see* Itagaki, M. 52205
Ishida, T. *see* Mochizuki, S. 52815
Ishida, T. *see* Ohkubo, K. 53935
Ishida, T. *see* Yamamoto, K. 10078
Ishida, Y. Network simulation techniques for determining optimal network design 16119
Ishida, Y., Katoh, T., Ishiwata, S., Omura, A., Oohara, T. High reliable FC-PBGA 30266
Ishida, Y., Takahara, M. A packet-generation model based on communication characteristics in an Ethernet system 47022
Ishida, Y., Tokimasa, Y. Data reconciliation combined with data evaluation by sensor networks 34966
Ishida, Y. *see* Asai, K. 27121
Ishida, Y. *see* Futsuhara, M. 12840
Ishida, Y. *see* Hayakawa, N. 13265
Ishida, Y. *see* Ishibashi, S. 14073
Ishida, Y. *see* Kamata, H. 4784
Ishida, Y. *see* Murakami, S. 31501
Ishida, Y. *see* Yajima, M. 53607
Ishida, Y. *see* Yonekura, Y. 59475
Ishidaira, Y. *see* Sakurai, T. 6020
Ishido, Y. Theoretical estimation of the pick-up characteristics of the fiber probe illuminated by evanescent field 27644
Ishifuji, T., Ishii, G., Adachi, S. 16 QAM digital modem for indoor wireless packet communications 47457
Ishigaki, H. *see* Sawada, S. 53258
Ishigaki, T. *see* Matsubara, T. 59401
Ishigaki, Y. *see* Kuriyama, H. 41162
Ishigami, S., Iwasaki, T. Output voltage of transmission line coupled with far-field radiation of small gap discharge 14523
Ishigami, S. *see* Fujii, K. 14722
Ishigami, S. *see* Sato, M. 13399
Ishigami, T., Matsubara, Y., Iguchi, M., Horiuchi, T. Ti salicide technology using nitrogen diffusion from TiN cap by RTA in an argon ambient 42719
Ishigami, T. *see* Ando, K. 2794
Ishigami, T. *see* Ando, K. 22619
Ishige, K. *see* Koguchi, N. 21284
Ishigure, T. *see* Nihei, E. 23511
Ishigure, T. *see* Nihei, E. 26917
Ishigure, Y., Ohtsuka, S., Kanatsugu, Y., Yoshida, T., Usui, S. Depth perception distortion in a stereoscopic display and its correction 17608
Ishiguro, C. *see* Hiroshima, Y. 40580

Ishiguro, F., Matsumoto, T., Nobayashi, M., Yamaji, K., Kato, K. HVDC rectifier control coordinated with generator station in radial operation 60359
Ishiguro, H., Sato, R., Ishida, T. Robot oriented state space construction 34802
Ishiguro, H., Tsuji, S. Image-based memory of environment 35208
Ishiguro, H. *see* Kamimura, S. 44320
Ishiguro, M., Saito, M., Tosaki, T., Shimawaki, Y., Miyahara, N., Masuda, M. Design and performance of the new 10 m antenna for the Nobeyama Millimeter Array 56192
Ishiguro, M. *see* Sato, T. 44534
Ishiguro, O. *see* Matsumoto, H. 38627
Ishiguro, S. *see* Otake, T. 17041
Ishiguro, T., Kobayashi, Y., Kouga, K., Yamamoto, S. Development of high-performance card type pager 47590
Ishiguro, T., Yamazato, T., Katayama, M., Ogawa, A. An analytical estimation of DS/SS/CDMA using GMSK 35907
Ishiguro, T., Yamazato, T., Katayama, M., Ogawa, A. An improvement of performance of DS/SS/CDMA with GMSK 35974
Ishiguro, T. *see* Terayama, K. 48421
Ishiguro, T. *see* Wakaki, I. 25886
Ishiguro, Y. *see* Kuhara, Y. 58275
Ishiguro, Y. *see* Kuhara, Y. 58392
Ishiguro, Y. *see* Onishi, M. 16692
Ishihara, H. *see* Baba, K. 33373
Ishihara, H. *see* Okano, K. 53934
Ishihara, K. Now and future of laser welding robots–application in automotive industry 55950
Ishihara, K. *see* Hara, T. 12759
Ishihara, K. *see* Masuda, K. 18239
Ishihara, K. *see* Masuda, K. 18359
Ishihara, K. *see* Masuda, K. 49427
Ishihara, K. *see* Nagakura, T. 17559
Ishihara, K. *see* Tanaka, K. 1009
Ishihara, K. *see* Tanaka, K. 10997
Ishihara, M., Sasaki, H. High speed 3-D shape measuring apparatus using shape from focus method 54744
Ishihara, M. *see* Watanabe, K. 3302
Ishihara, M. *see* Watanabe, K. 13520
Ishihara, M. *see* Watanabe, K. 43842
Ishihara, N. *see* Hirose, M. 21512
Ishihara, N. *see* Nakamura, M. 1549
Ishihara, N. *see* Nakamura, M. 31410
Ishihara, N. *see* Ohama, T. 18115
Ishihara, N. *see* Uchida, N. 26913
Ishihara, O. *see* Gahl, J.M. 1946
Ishihara, O. *see* Yatsuzuka, M. 12090
Ishihara, O. *see* Young, D. 12115
Ishihara, T., Minami, H., Matsuda, H., Nishiguchi, H., Takita, Y. Intermediate temperature solid oxide fuel cells with $LaGaO_3$ based perovskite type electrolyte 51530
Ishihara, T., Tanabe, N., Nishio, T., Kojima, S., Matsumoto, M., Tan Pek-Yen AC-3 audio decoder MN67730 for DVD player 45931
Ishihara, T., Tanaka, J., Nakajima, I., Okuda, M., Yamashita, H. ATM-based networking concept and hardware architecture providing broadband multimedia services 47327
Ishihara, T., Yasuura, H. Basic experimentation on accuracy of power estimation for CMOS VLSI circuits 13127
Ishihara, T., Yasuura, H. Experimental analysis of power estimation models of CMOS VLSI circuits 43317
Ishihara, T. *see* Goto, K. 4221
Ishihara, T. *see* Hiei, Y. 29628
Ishihara, T. *see* Inokawa, H. 2813
Ishihara, T. *see* Kawama, Y. 30869
Ishihara, T. *see* Ohshima, K. 45859
Ishihara, T. *see* Shibata, N. 11454
Ishihara, T. *see* Shuke, K. 17076
Ishihara, Y., Masusaki, H., Wu, S.-Q., Matsumoto, K., Kimijima, T. Trace moisture measurement in HCl using near-infrared laser absorption spectroscopy 48997
Ishihara, Y. *see* Harada, K. 1120
Ishihara, Y. *see* Hosotani, T. 53013
Ishihara, Y. *see* Kanai, Y. 22653
Ishihara, Y. *see* Kitamura, H. 29340
Ishihara, Y. *see* Maeda, H. 32805
Ishihara, Y. *see* Matsubara, T. 51019
Ishihara, Y. *see* Mitsutake, Y. 44987
Ishihara, Y. *see* Yoshitake, A. 51434
Ishii, A., Yoshida, H., Suzuki, K., Ochi, Y. Precise weld line detection on a large-scale structure 46140
Ishii, G. *see* Ishifuji, T. 47457
Ishii, H., Ishikawa, M., Fujii, N. A realization of frequency divider using switched capacitor circuit 21789
Ishii, H., Shiratake, S., Oka, K., Motomami, K., Koyama, T., Izumitani, J. Direct observation of crystal-originated particles on Czochralski-grown silicon wafer surface and effect on gate oxide reliability 30686
Ishii, H., Takahasi, Y. Surface reactions of Ge chemical vapor deposition using diethylgermane 30913
Ishii, H., Yasaka, H., Tanobe, H., Yoshikuni, Y. Wavelength stabilisation of a three-electrode distributed Bragg reflector laser with longitudinal mode control 44494
Ishii, H. *see* Kosugi, T. 42584
Ishii, H. *see* Kosugi, T. 42675
Ishii, H. *see* Miura, N. 54063
Ishii, H. *see* Nishikawa, H. 57714
Ishii, H. *see* Nohara, T. 35597
Ishii, H. *see* Sato, K. 44585
Ishii, H. *see* Takagi, S. 11163
Ishii, H. *see* Takagi, S. 21474
Ishii, H. *see* Yasaka, H. 36104
Ishii, I. *see* Kaiho, K. 55074
Ishii, I. *see* Nakashizuka, M. 25294
Ishii, J. *see* Asai, M. 14571
Ishii, J. *see* Kodama, J. 11992
Ishii, J. *see* Yoshida, Y. 25286
Ishii, K., Nakamura, I., Fujii, Y., Kajino, F., Kanzaki, J., Kawagoe, K., Kurihara, Y., Nagai, K., Nozaki, M., Ohkubo, T., Sugimoto, Y., Takeda, H., Tanaka, S., Taruma, K., Yamaoka, Y., Yokoyama, C. Performance studies of a lead-scintillation fiber calorimeter prototype for the linear collider detector 49323
Ishii, K., Okumura, T., Takao, Y., Aso, H., Hirota, S., Arimura, T., Komori, S. Development of dynamic positioning buoy for vertical sensing–a report on prototype design 50194
Ishii, K., Seol, K.S., Ohki, Y., Nishikawa, H. Evaluation of microscopic structural randomness in SiO_2 through analysis of decay profile of photoluminescence 13207
Ishii, K., Takami, A., Ohki, Y. Effect of fluorine-doping on the dielectric strength of thin SiO_2 films formed by plasma-enhanced chemical vapor deposition 43444
Ishii, K. *see* Busick, D.R. 156
Ishii, K. *see* Gorwadkar, S.M. 32322
Ishii, K. *see* Kajino, F. 37402
Ishii, K. *see* Kurita, S. 44118
Ishii, K. *see* Miyazaki, T. 11420
Ishii, K. *see* Mukasa, K. 33245
Ishii, K. *see* Ohsawa, T. 6115
Ishii, K. *see* Ohsawa, T. 57873
Ishii, K. *see* Uchida, K. 24451
Ishii, M., Baba, Y. Numerical electromagnetic field analysis of tower surge response 38397
Ishii, M., Kanao, Y., Ito, A. Electroconductive paste made of fine copper flakes 11972
Ishii, M. *see* Fujino, Y. 34447
Ishii, M. *see* Hamazumi, Y. 58272
Ishii, M. *see* Hongo, Y. 60423
Ishii, M. *see* Itatani, T. 33255
Ishii, M. *see* Matsumoto, K. 54723
Ishii, M. *see* Michishita, K. 38421
Ishii, M. *see* Noumi, H. 37073
Ishii, M. *see* Shirakashi, J. 2739
Ishii, M. *see* Shirakashi, J. 10929
Ishii, N., Itoh, K. A cavity model analysis on a tilt of the polarization of a small planar loop antenna 56125
Ishii, N. *see* Kikuma, T. 31461
Ishii, N. *see* Kikuma, T. 31462
Ishii, N. *see* Muramoto, M. 34260
Ishii, N. *see* Tanaka, H. 56713
Ishii, O., Shibata, T., Ohshima, T. High frequency fundamental VCXO for SDH system 13362
Ishii, O. *see* Takei, K. 45210
Ishii, R. *see* Mitome, H. 11072
Ishii, R. *see* Tomita, A., Jr. 35371
Ishii, S. *see* Mizuno, T. 33247
Ishii, S. *see* Yasuoka, K. 32673
Ishii, T., Kanayama, M. Current technology of SF_6 gas-insulated equipment 9423
Ishii, T., Nozawa, H., Tamamura, T. Nanocomposite resist system 42807
Ishii, T., Nozawa, H., Tamamura, T. A nano-composite resist system: a new approach to nanometer pattern fabrication 42821
Ishii, T. *see* Chiba, R. 51553
Ishii, T. *see* Fukuda, K. 31903
Ishii, T. *see* Ohnaka, S. 353
Ishii, T. *see* Ozawa, A. 49362
Ishii, T. *see* Takeuchi, S. 49147
Ishii, T. *see* Yamazaki, M. 20256
Ishii, T.K. *see* Rolling, T.G. 11643
Ishii, Y. Vibration measurement by laser-diode holographic interferometry 48943
Ishii, Y., Arai, T., Kinoshita, S., Katayose, T. Polyphenylene ether/epoxy resin alloy for low dielectric PCBs 11892
Ishii, Y., Arai, T., Kinoshita, S., Katayose, T. Polyphenylene ether/epoxy resin alloy for low dielectric printed circuit boards 11898
Ishii, Y., Matsuoka, Y., Enoki, T., Yamahata, S., Umeda, Y., Kurishima, K. Ultra-high-speed InP-based heterostructure device technology 13904
Ishii, Y., Takahashi, T., Kobayashi, M. Real-time phase-only matched filtering with dual liquid-crystal spatial light modulators 3560
Ishii, Y. *see* Hirata, S. 43359
Ishii, Y. *see* Maeda, N. 32440
Ishii, Y. *see* Onodera, R. 59042
Ishii, Y. *see* Suga, T. 43364
Ishii, Y. *see* Takahashi, T. 44163
Ishii, Y. *see* Toufuku, K. 36808
Ishii, Y. *see* Umeda, Y. 21959
Ishii, Y. *see* Utsumi, H. 53843
Ishijima, I., Murano, K. An experiment on propagation character of HF radiowave with low-speed rotation of electric field vector 14611
Ishikafva, M. *see* Suu, K. 52796
Ishikawa, A. A study on control system for total artificial heart 59806
Ishikawa, A. *see* Kato, D. 36336
Ishikawa, A. *see* Kato, D. 48212
Ishikawa, A. *see* Tsujioka, T. 43914
Ishikawa, A. *see* Yokoi, S. 16274
Ishikawa, F., Sasaki, H. An efficient algorithm for evaluating the eigenvalue sensitivity in large power systems 60232
Ishikawa, F., Sasaki, H., Kubokawa, J., Terasako, H. An efficient algorithm for small signal stability analysis by means of Arnoldi method with S-matrix transformation 28724
Ishikawa, H. Construction of information system utilizing snow depth auto-measuring unit 58718
Ishikawa, H., Hirai, A., Takayama, K., Ando, N., Ukechi, M., Aihara, S., Kaku, R. 8-channel optical parallel transmission module using a silicon bench with V-grooves 16794
Ishikawa, H., Kobayashi, H., Hara, K., Honda, T., Shinohara, T. Development of Inmarsat mini-C terminal for personal satellite message communications services 6595
Ishikawa, H., Kobayashi, S., Koide, Y., Yamasaki, S., Nagai, S., Umezaki, J., Koike, M., Murakami, M. Effects of surface treatments and metal work functions on electrical properties at p-GaN/metal interfaces 32053
Ishikawa, H., Majima, S., Akiyama, N. Inter-object communication platform in distributed operation system 35717
Ishikawa, H., Sasaki, K., Ohguchi, K.-I. Prediction of fatigue failure of 60Sn-40Pb solder using constitutive model for cyclic viscoplasticity 10067
Ishikawa, H. *see* Furumai, M. 12548
Ishikawa, H. *see* Mikagi, K. 42667
Ishikawa, H. *see* Shoji, H. 23968
Ishikawa, H. *see* Shoji, H. 44578
Ishikawa, H. *see* Sone, Y. 20241
Ishikawa, H. *see* Suzuki, S. 35824
Ishikawa, H. *see* Ueno, M. 35739
Ishikawa, H. *see* Watanabe, S. 33691
Ishikawa, I. *see* Nagai, A. 14971
Ishikawa, J., Lee, Y.-C., Takano, O. A compact iodine stabilized He-Ne laser for inter comparisons 13972
Ishikawa, J., Tsuji, H., Takatori, T., Gotoh, Y. Study on the energy distribution of ion beams extracted from the sputter-type negative-ion source 37180
Ishikawa, J. *see* Hong, F.-L. 17728
Ishikawa, J. *see* Kurosu, T. 17181
Ishikawa, J. *see* Minemoto, T. 35269
Ishikawa, J. *see* Nagao, M. 1921
Ishikawa, J. *see* Watanabe, Y. 10133
Ishikawa, J. *see* Yoshida, O. 40578
Ishikawa, K., Fujii, H., Takeda, M., Kimura, F. Video on demand system for hotels 17109
Ishikawa, K., Kageyama, H., Yamada, Y., Matsuoka, R., Ito, S., Sakanishi, K. Investigation of single unit flashovers in HVDC insulator strings 8861
Ishikawa, K., Matsuda, Y., Masuyama, M., Yamada, T., Tachikawa, K., Miyata, Y., Otagaki, T., Kuroda, T., Terakawa, S. 1/4-inch 330k-square pixel progressive-scan IT-CCD image sensor 48689
Ishikawa, K., Nomura, T., Okada, N., Takada, K. Size effect on the phase transition in $PbTiO_3$ fine particles 2948
Ishikawa, K. *see* Aono, K. 9302
Ishikawa, K. *see* Asakura, T. 2904
Ishikawa, K. *see* Kim, I.J. 43261
Ishikawa, K. *see* Saito, S. 3472
Ishikawa, K. *see* Shiraishi, T. 21709
Ishikawa, K. *see* Tanizawa, M. 12978
Ishikawa, K. *see* Teraoka, E. 47461
Ishikawa, M. Mathematical formulation of electron beam processing systems by stochastic variational inequalities 167
Ishikawa, M., Iwashita, T., Tong, J. Performance analysis of coal-fired MHD Faraday channel at IEE, China 51613
Ishikawa, M., Kamohara, H., Morita, M., Matsuda, Y. $Li(CF_3SO_2)_2N$ as an electrolytic salt for rechargeable lithium batteries with graphitized mesocarbon microbeads anodes 29555
Ishikawa, M., Sakamoto, A., Morita, M., Matsuda, Y., Ishida, K. Effect of treatment of activated carbon fiber cloth electrodes with cold plasma upon performance of electric double-layer capacitors 11769
Ishikawa, M., Tsukahara, T. Radio-frequency silicon LSIs for personal communications 58225
Ishikawa, M. *see* Inui, Y. 51611
Ishikawa, M. *see* Ishii, H. 21789
Ishikawa, M. *see* Itaya, K. 3872
Ishikawa, M. *see* Kimura, M. 38464
Ishikawa, M. *see* McArdle, N. 33182
Ishikawa, M. *see* Maeda, T. 2842
Ishikawa, M. *see* Matsuo, T. 29651
Ishikawa, M. *see* Matsuo, T. 61098
Ishikawa, M. *see* Morita, M. 29580
Ishikawa, M. *see* Mukai, T. 46191
Ishikawa, M. *see* Namiki, A. 27658
Ishikawa, M. *see* Pan, W. 44556
Ishikawa, M. *see* Paul, K.C. 43470
Ishikawa, M. *see* Suu, K. 2918
Ishikawa, M. *see* Tanaka, Y. 9425
Ishikawa, M. *see* Yamaguchi, Y. 25724
Ishikawa, M. *see* Yoshino, K. 55453
Ishikawa, N., Kanai, M., Hide, I., Nagai, T., Ito, T., Yoshida, T., Nii, T., Tazawa, K., Harada, T. PV

glass curtain walls using color solar cells: the examination of structures and integration on buildings 38655
Ishikawa, N. *see* Ariki, Y. 5618
Ishikawa, N. *see* Maeyama, S. 27899
Ishikawa, N. *see* Mori, H. 37762
Ishikawa, O. *see* Yokoyama, T. 31528
Ishikawa, O. *see* Yoshida, T. 51590
Ishikawa, S. Fuzzy inferences by algebraic method 58599
Ishikawa, S. *see* Kanada, T. 47425
Ishikawa, S. *see* Kurata, K. 26914
Ishikawa, S. *see* Yokosawa, K. 59541
Ishikawa, T. In situ electron-beam processing for GaAs/AlGaAs nanostructure fabrications 10732
Ishikawa, T., Imai, Y. Outline of islanding detection technology 19047
Ishikawa, T., Lopez, M. MBE fabrication of GaAs/AlGaAs low-dimensional structures on in situ patterned GaAs substrates 10817
Ishikawa, T., Matsunami, M. An optimization method based on radial basis function 44971
Ishikawa, T. *see* Aikawa, N. 34818
Ishikawa, T. *see* Chumakov, A.I. 37547
Ishikawa, T. *see* Horinaka, M. 55497
Ishikawa, T. *see* Kawai, M. 22009
Ishikawa, T. *see* Kitano, T. 43130
Ishikawa, T. *see* Kohmoto, S. 22378
Ishikawa, T. *see* Kohmura, Y. 37066
Ishikawa, T. *see* Nakayama, A. 11746
Ishikawa, T. *see* Sone, T. 27663
Ishikawa, T. *see* Tanaka, S. 10687
Ishikawa, T. *see* Usami, K. 11253
Ishikawa, T. *see* Yamamoto, T. 23945
Ishikawa, T. *see* Yokozuka, T. 29308
Ishikawa, Y., Hattori, J., Nishiyama, T. Mechanical shock resistant design of bandpass filter using ceramic cavity resonators for cellular base stations 16565
Ishikawa, Y., Nakakoshi, K., Fukui, T. Novel in situ optical monitoring method for selective area metalorganic vapor phase epitaxy 10692
Ishikawa, Y., Shibata, N., Fukatsu, S. Epitaxy-ready Si/SiO_2 Bragg reflectors by multiple separation-by-implanted-oxygen 10751
Ishikawa, Y., Yoshimi, H., Hirose, Y. Etching of nondiamond carbon in diamond thin films synthesized by hot-filament chemical vapor deposition with ultraviolet irradiation 54408
Ishikawa, Y. *see* Nonaka, N. 37380
Ishikawa, Y. *see* Umeda, N. 10058
Ishikawa, Y. *see* Yang, B. 41943
Ishikubo, H. *see* Hiramoto, T. 32465
Ishikura, T. *see* Marechal, N. 40449
Ishikura, T. *see* Onozawa, T. 19494
Ishikura, T. *see* Watanabe, S. 24357
Ishikura, Y. *see* Sasajima, M. 35652
Ishikuro, H. *see* Hiramoto, T. 12463
Ishikuro, H. *see* Saraya, T. 22810
Ishimaru, A. Imaging in biological and environmental random media 57049
Ishimaru, A., Kuga, Y. Recent advances in multiple scattering theories and applications 4222
Ishimaru, A., Le, C.T.C., Kuga, Y., Ji-Hae Yea, Pak, K., Tsz-King Chan Interferometric technique for determining the average height profile of rough surfaces 8382
Ishimaru, A. *see* Kuga, Y. 18801
Ishimaru, A. *see* Tsz-King Chan 8383
Ishimaru, A. *see* Yasuo Kuga 8508
Ishimaru, H. *see* Momose, T. 36999
Ishimaru, H. *see* Nishimoto, H. 58308
Ishimaru, K. *see* Fujii, T. 5838
Ishimaru, K. *see* Nishigohri, M. 43077
Ishimaru, M., Matsumura, S., Kuwano, N., Oki, K. Monte Carlo study on atomic ordering and clustering in III-V semiconductor alloys during the epitaxial growth 41962
Ishimaru, M. *see* Harada, S. 12635
Ishimaru, N. Experimental studies of a head/disk interface subjected to impulsive excitation during nonoperation 13443
Ishimaru, N. *see* Kurioka, H. 60375
Ishimaru, T. *see* Hoshino, T. 12175
Ishimitsu, S., Kitagawa, H. Interference-term elimination for Wigner distribution using a frequency domain adaptive filter 34710
Ishimoto, K., Chiba, T., Kajiya, Y. Wave overtopping detection by image processing 60084
Ishimoto, S. *see* Noumi, H. 37073
Ishimura, E., Funaba, S., Takiguchi, T., Kimura, T., Takemi, M., Matsumoto, K., Omura, E., Aiga, M. Record high-efficient top illuminated InGaAs pin photodiodes with 20 GHz-bandwidth 26840
Ishino, K. *see* Kurihara, H. 45246
Ishino, M. *see* Fuse, M. 27169
Ishino, M. *see* Takenaka, N. 48014
Ishino, R. *see* Nakazawa, Y. 28893
Ishioka, T. *see* Doi, K. 31603
Ishisaki, T. *see* Yoshitake, M. 51542
Ishitobi, N., Shimoda, H., Yasukawa, Y., Miura, T., Nakai, S., Yasuda, N., Kawasaki, K., Abe, T. An evaluation method of electromagnetic shielding applied to microwave surface mount components 11649
Ishitsuka, F. *see* Iwasaki, N. 41515
Ishiuchi, H. *see* Takagi, M.T. 43276
Ishiura, N. *see* Yano, S. 11408
Ishiura, N. *see* Yano, S. 41186
Ishiwara, H. *see* Aizawa, K. 52760
Ishiwara, H. *see* Ohmi, S. 32453
Ishiwara, H. *see* Sakai, I. 2922
Ishiwara, H. *see* Tokumitsu, E. 22852
Ishiwara, H. *see* Tokumitsu, E. 41145
Ishiwata, H., Itoh, M., Yatagai, T. Retardation modulated differential interference microscope and its application to 3-D shape measurement 57140
Ishiwata, N. *see* Chijimatsu, T. 2458
Ishiwata, O. *see* Kumagai, A. 23367
Ishiwata, S. *see* Ishida, Y. 30266
Ishiwatari, H. *see* Hamada, S. 51116
Ishiya, T. *see* Tashiro, S. 929
Ishiyama, A. *see* Noguchi, S. 43860
Ishiyama, K. *see* Kato, D. 36336
Ishiyama, O., Nishihara, T., Shinohara, M., Ohtani, F., Nishino, S., Saraie, J. Identification of the terminating structure of 6H-SiC(0001) by coaxial impact collision ion scattering spectroscopy 54134
Ishiyama, T., Omura, E. Influences of superficial Si layer thickness on band-to-band tunneling current characteristics in ultra-thin n-channel metal-oxide-semiconductor field-effect-transistor by separation by implanted oxygen (nMOSFET/SIMOX) 54619
Ishiyama, T. *see* Omura, Y. 42983
Ishiyama, T. *see* Omura, Y. 54645
Ishiyama, Y. *see* Yoshizaki, S. 43315
Ishizaka, K. *see* Itoh, R. 40865
Ishizaka, K. *see* Oishi, H. 29409
Ishizaka, K. *see* Oishi, H. 38866
Ishizaka, S. *see* Onuki, H. 59117
Ishizaka, T. *see* Fukami, T. 29294
Ishizaka, T. *see* Maeda, J. 56998
Ishizaki, A., Sekimoto, H., Watanabe, Y. Three-dimensional analysis of spurious vibrations in rectangular AT-cut quartz plates 13350
Ishizaki, A., Sekimoto, H., Watanabe, Y. Three-dimensional analysis of spurious vibrations of rectangular AT-cut quartz plates 54995
Ishizaki, A., Takasaki, K., Shimomura, S., Masaki, K., Kitazawa, K. Theory and characteristics of a novel variable reluctance resolver 51063
Ishizaki, A. *see* Sato, T. 60701
Ishizaki, A. *see* Shimomura, S. 29672
Ishizaki, H. *see* Haikawa, Y. 27194
Ishizaki, J. *see* Fukunaga, N. 23464
Ishizaki, J. *see* Motohisa, J. 13048
Ishizaki, N. *see* Muneyasu, M. 31382
Ishizaki, S. *see* Gen, M. 6103
Ishizawa, H., Nakamura, M., Toba, E., Iwasaki, T. Optical measurement of multielement of pesticide residues 48998
Ishizawa, M., Kuwata, Y., Takeuchi, M., Kimata, K., Ogata, T. Portable fuel cell system for telecommunications use 51500
Ishizawa, S. *see* Yamashita, J. 32398
Ishizawa, Y. *see* Otani, S. 41746
Ishizone, M. *see* Shindo, M. 13435
Ishizu, A. *see* Yada, T. 32336
Ishizu, K. *see* Yonekura, Y. 59475
Ishizu, T. *see* Gotoh, T. 11763
Ishizuka, H., Kawasaki, S., Kubo, H., Watanabe, A., Shiho, M. Emittance diagram of electron beams generated by a field-emitter array 1920
Ishizuka, H. *see* Kawasaki, S. 18049
Ishizuka, H. *see* Maeda, K. 40634
Ishizuka, M., Hisano, K., Sasaki, T., Fukuoka, Y. Application of the thermal network method to the transient thermal analysis of multichip modules 10089
Ishizuka, M., Kitazume, H., Koike, A. Simulated performance of TCP over UBR and ABR networks 35503
Ishizuka, M., Sasaki, T., Hisano, K. A personal computer-based simple thermal design approach for copy machines 30305
Ishizuka, M. *see* Dohi, H. 25726
Ishizuka, M. *see* Hisano, K. 30302
Ishizuka, M. *see* Koike, A. 16164
Ishizuka, M. *see* Koike, A. 25873
Ishizuka, M. *see* Saito, H. 5758
Ishizuka, M. *see* Saito, H. 26052
Ishizuka, M. *see* Sasaski, T. 10942
Ishizuka, M. *see* Sata, Y. 263
Ishizuka, O. *see* Tanno, K. 21586
Ishizuka, O. *see* Tanno, K. 23007
Ishizuka, O. *see* Tashima, K. 21848
Ishizuka, S., Itoh, N., Minemoto, H. Optical fiber current sensors using garnet crystal for power distribution fields 58793
Ishizuki, H., Kobayashi, H. A hyperboloid single lens focusing on a spherical image surface up to very high angles of incidence 17519
Ishtwara, H., Ohmi, S., Tokumitsu, E. Ferroelectric gate high electron mobility transistors for neural computation 55008
Ising, S. *see* Ashby, L. 1793
Iskander, D.R. *see* Zoubir, A.M. 25154
Iskander, M.F. *see* Balcells, A. 20645
Iskander, M.F. *see* Bringhurst, S. 36849
Iskander, M.F. *see* de los Santos Vidal, O. 20644
Iskander, M.F. *see* Ortigosa, J.I. 36289
Iskander, M.F. *see* Padros, N. 48190
Iskander, M.F. *see* White, M.J. 30975
Iske, A. *see* Floater, M.S. 631
Iskender-Zade, Z.A. *see* Abilov, C.I. 31900
Iskhakov, A.S., Dedkov, N.V., Serov, S.Y. The synthesis of converters control with maximum speed of response 60901
Islam, M.N. *see* Ahn, K.H. 26720
Islam, M.N. *see* Andersen, J.K. 33024
Islam, M.N. *see* Cao, X.D. 33178
Islam, M.N. *see* Jiang, M. 33413
Islam, M.N. *see* Kao, Y.-H. 23883
Islam, M.S., McNally, P.J., Cameron, D.C. Ohmic contacts to n-type GaAs made with Pd/Sn and Pd/Sn/Au metallizations 2223
Islam, M.S., McNally, P.J., Cameron, D.C., Herbert, P.A.F. Effects of annealing cycles on the electrical and morphological characteristics of Pd/Sn ohmic contacts to n-GaAs 2225
Islam, M.S., McNally, P.J., Cameron, D.C., Herbert, P.A.F. Effects of Au overlayers on the electrical and morphological characteristics of Pd/Sn ohmic contacts to n-GaAs 42249
Islam, M.S., McNally, P.J., Cameron, D.C., Herbert, P.A.F. Comparison of Pd-Sn and Pd-Sn-Au thin-film systems for device metallization 42271
Islam, M.S., McNally, P.J., Cameron, D.C., Herbert, P.A.F. The importance of the Pd to Sn ratio and of annealing cycles on the performance of Pd/Sn ohmic contacts to n-GaAs 54270
Islam, M.S. *see* Ozbay, E. 58754
Islam, R., Miyanaga, Y., Tochinai, K. Parallelization of self-organized clustering system 56379
Islam, R. *see* Das, S. 58636
Islam, S. *see* Alam, M.F. 3860
Islam, S. *see* Alam, M.F. 33567
Islam, S. *see* Kabir, I. 18420
Islam, S.M., Ledwich, G. Locating transformer faults through sensitivity analysis of high frequency modeling using transfer function approach 9309
Islam, S.M.N. Pricing issues in the energy sector: on an integrated multi-level optimisation approach to efficient pricing 19166
Isle, B. *see* Chaboki, A. 24431
Isles, J. Hasselby gets tough on NO_x [steam power plant emissions control] 9101
Isles, J. Rocksavage sets an example for the IPP market 38630
Isles, J. I&C cuts O&M costs in Queensland [steam power plant upgrades] 60536
Ismaeel, A.A., Bhatnagar, R. Power-constrained testing for bridging and stuck short faults in CMOS combinational circuits 41089
Ismaeel, A.A., Bhatnagar, R., Khan, M. Modeling for bridging faults in nMOS combinational circuits 41090
Ismaeel, A.A., Dhodhi, M.K., Mathew, R. Assignment and allocation of highly testable data paths under scan optimization 21583
Ismaelli, A. *see* Fort, A. 8019
Ismaelli, A. *see* Mannoni, A. 27089
Ismagilov, E.M., Komarov, V.A. Study of the electric and magnetic field distribution near an extended surface crack using the finite element method 40749
Ismagilov, I.I. A class of discrete orthogonal bases for representing and processing digital signals 34758
Ismagilov, Z.B. *see* Agishev, R.R. 50047
Ismaii, B. *see* Weierich, P. 49498
Ismail, F.B. *see* Suleiman, M.B. 10501
Ismail, H.M. Accurate modelling of field stresses in an unshielded three-core power cable 60400
Ismail, I. *see* Wei, L. 6310
Ismail, K. Electron transport in the quantum Hall regime in strained Si/SiGe 12359
Ismail, K. Effect of dislocations in strained Si/SiGe on electron mobility 54155
Ismail, K. *see* Adesida, I. 43131
Ismail, K. *see* Arafa, M. 2722
Ismail, K. *see* Arafa, M. 13027
Ismail, K. *see* Koester, S.J. 2208
Ismail, K. *see* Koester, S.J. 54205
Ismail, K. *see* Lee, K.Y. 42147
Ismail, K. *see* Rishton, S.A. 43040
Ismail, K., Bandyopadhyay, S., Leburton, J.P. *(editors)* Proceedings of the International Conference on Quantum Devices and Circuits 51995
Ismail, M. *see* Changku Hwang 53048
Ismail, M. *see* Hing-yan To 2772
Ismail, M. *see* Hwang, C. 21505
Ismail, M. *see* Motamed, A. 1151
Ismail, M. *see* Takagi, S. 53418
Ismail, M.Riyaz *see* Riyaz Ismail, M.
Ismail, M.S. Finite difference method with cubic spline for solving nonlinear Schrodinger equation 383
Ismail, T.B., Marchioro, G., Jerraya, A.A. Partitioning of VLSI systems from a high-level specification 1025
Ismail, T.H., Mismar, M.J. Multiple wide band interference suppression using only the current amplitudes 4291
Ismaili, I.A., Bukhari, A.H.S. Statistical and structural texture analysis approaches 57388
Ismailov, D.A., Jeenbaev, J.J., Joumaliev, K.M., He Ching Yu Holographic interferometer for the study of high-speed processes 44812
Ismailov, D.A., Jeenbaev, J.J., Joumaliev, K.M., He Ching Yu Holographic interferometry technique 44821
Ismailov, D.A. *see* Jeenbaev, J.J. 44782
Ismoilov, S. A highly efficient model of the windmill rotor 29187
Isnard, C.L. *see* Yip, R.Y.-F. 33115
Isnin, A. *see* Jonscher, A.K. 32666

Iso, N., Kawaguchi, Y., Hirata, T. Efficient routability checking for global wires in planar layouts 40840
Iso, N. *see* Kawaguchi, Y. 21425
Iso, T. *see* Shizawa, M. 4951
Isobe, B.M. *see* Krasilnikov, A.V. 49352
Isobe, C., Ami, T., Hironaka, K., Watanabe, K., Sugiyama, M., Nagel, N., Katori, K., Ikeda, Y., Gutleben, C.D., Tanaka, M., Yamoto, H., Yagi, H. Characteristics of ferroelectric $SrBi_2Ta_2O_9$ thin films grown by "flash" MOCVD 52799
Isobe, H. *see* Takahashi, N. 48245
Isobe, K. *see* Takebuchi, M. 42711
Isobe, M., Masumi, T. Default of the resonant conjugation of photoconductivity of Cu_2O in low-T_c superconductor based optoelectronic devices 23653
Isobe, Y., Toyosawa, K., Tajima, N., Asazu, T., Chikawa, Y., Kada, M. Development of inner lead bonding technology for TCP with 50 μm inner lead pitch 17715
Isoda, K. *see* Tanimoto, S. 16278
Isoda, M. *see* Kawaguchi, H. 44878
Isoda, S., Takeuchi, K., Kamiya, T., Miyamoto, M., Kimura, S., Hanazato, Y. Highly sensitive NOx sensor for environmental monitoring in traffic control system 60090
Isogai, T. *see* Noda, A. 26736
Isojima, S. *see* Arisaka, S. 61291
Isojima, S. *see* Shimonosono, T. 28929
Isokawa, K. *see* Hattori, T. 59111
Isokawa, M. *see* Morimoto, A. 38680
Isomae, S., Tamaki, Y. Cavity formation due to Si_3N_4/SiO_2 film-induced stress in silicon 42514
Isomura, A. *see* Tsukahara, M. 51620
Isomura, H. *see* Aikawa, N. 34818
Isomura, M. *see* Kameda, M. 39128
Isomura, M. *see* Terakawa, A. 20031
Isono, K. *see* Yamazoe, N. 17590
Isono, T. *see* Nozawa, M. 43865
Isoshima, T., Tada, K. Local normal-mode analysis of second harmonic generation in a periodic waveguide 24200
Isoya, J. *see* Yamasaki, S. 40556
Isozaki, K. *see* Ohnishi, K. 19775
Isozumi, G. *see* Hikihara, T. 13491
Ispas, S. *see* Pidcock, M. 18451
Israel, A. *see* McCauley, T.S. 40656
Israel, J.W. Comment on "Magnetic repulsion of linear contaminates" [Med. Phys. **23**, 953-955 (1996)] 8212
Israel, M. *see* Freund, L. 1326
Israeli, A. *see* Dolev, S. 46712
Israeloff, N.E., Xiangzhou Wang High-sensitivity dielectric polarization noise measurements 48830
Israelsson, H., Ulander, L.M.H., Askne, J.L.H., Fransson, J.E.S., Frolind, P.-O., Gustavsson, A., Hellsten, H. Retrieval of forest stem volume using VHF SAR 28676
Israelsson, S. *see* Tammet, H. 50066
Israelsson, U.E. *see* Echternach, P.M. 48453
Isreb, M. Superheater minimum stress unit start-up option of coal-fired power plants 29093
Issac, R.C., Bindhu, C.V., Varier, G.K., Joseph, M.J., Kurien, A., Harilal, S.S., Nampoori, V.P.N., Vallabhan, C.P.G. The observation of optical limiting by C_{70} in toluene 4065
Issac, R.C. *see* Bindhu, C.V. 3588
Issacci, F., Farr, J.L., Jr., Telal Wassel, A., Van Griethuysen, V. An integrated thermal management analysis tool [for aircraft] 28575
Issapour, M. *see* Liu, Y. 36998
Issar, S. *see* Ward, W. 14946
Issarny, V. *see* Billot, M. 6319
Issautier, D. Convergence of a weighted particle method for solving the Boltzmann (B.G.K.) equation 21140
Isshiki, H., Aoyagi, Y., Sugano, T. Quantum wire structures incorporating $(GaAs)_m(GaP)_n$ short-period superlattice fabricated by atomic layer epitaxy 52700
Isshiki, H. *see* Jeong-Sik Lee 787
Isshiki, H. *see* Jeong-Sik Lee 52702
Isshiki, H. *see* Komuro, S. 13809
Isshiki, H. *see* Meguro, T. 52699
Isshiki, H. *see* Nomura, S. 12454
Isshiki, K. *see* Yoshimi, M. 35796
Isshiki, M. *see* Nakadate, S. 33739
Isshiki, M. *see* Yang, B. 41943
Isshiki, N. *see* Moriya, S. 28988
Isshiki, T., Dai, W.W.-M. Bit-serial pipeline synthesis for multi-FPGA systems with C++ design capture 21573
Isshiki, T., Wei-Ming Dai, W., Kunieda, H. Bit-serial pipeline synthesis and layout for large-scale configurable systems 40810
Isshiki, W. *see* Taki, K. 27433
Issinsky, I.B. *see* Baldin, A.M. 37160
Istefanopulos, Y. *see* Soyer, C. 36684
Istepanian, H.S.H. *see* Istepanian, R.S.H. 38861
Istepanian, R.S.H., Istepanian, H.S.H. Suboptimal bang-bang control for DC-DC switched mode converters 38861
Istepanian, R.S.H. *see* Woodward, B. 18422
Istrate, S. Magnetic properties of the Mn-Zn ferrites with impurity TiO_2 55035
Isu, T. *see* Imaizumi, M. 40415
Isu, T. *see* Ohtsuka, K. 32049
Isu-Kuen Tsaur *see* Jenq Kuen Lee 47141
Itabashi, M. *see* Toyohara, A. 47983
Itabashi, T., Suzuki, M., Watanabe, R., Okoshi, Y., Suzuki, H., Akahoshi, H., Takahashi, A. Thin film laminated multilayer wiring board for multichip modules 12034
Itabashi, T. *see* Takahashi, A. 12047
Itabe, T. *see* Aoki, T. 49976
Itabe, T. *see* Sato, A. 33459
Itagaki, A. *see* Yamaguchi, M. 7561
Itagaki, H., Onodera, Y., Yamamoto, E., Koizumi, H. Evaluation of a combination analysis method for estimating the activated regions precisely in functional MRI 49461
Itagaki, H. *see* Ushirozawa, S. 57939
Itagaki, K. *see* Samaulah, H. 60943
Itagaki, M., Bessho, Y., Eda, K., Ishida, T. A zero X-Y shrinkage low temperature cofired ceramic substrate using Ag and AgPd conductors for flip-chip bonding 30267
Itagaki, M., Bessho, Y., Eda, K., Ishida, T. A zero x-y shrinkage low temperature cofired ceramic substrate using Ag and AgPd conductors for flip-chip bonding 52205
Itagaki, T. *see* Takemoto, A. 26908
Itagaki, T. *see* Takiguchi, T. 52656
Itagaki, Y. *see* Nobe, T. 31715
Itahashi, S., Hayashi, Y., Sone, M. The state and behavior of the water in insulating liquids, gases and films 23222
Itahashi, S. *see* Iwasawa, T. 43429
Itahashi, S. *see* Iwasawa, T. 43435
Itahashi, S. *see* Okato, Y. 45679
Itai, Y. *see* Umetani, K. 7951
Itai, Y. *see* Yuasa, T. 37671
Itako, K., Mori, T., Ohya, S., Hongo, T. A proposition for reduction method of harmonic currents on AC side of a capacitor-filtered single phase rectifier circuit 29385
Itakura, A. *see* Oyama, N. 36866
Itakura, A. *see* Tokuzawa, T. 36863
Itakura, F. *see* Goto, M. 24868
Itakura, T., Czarnul, Z. High output-resistance CMOS current mirrors for low-voltage applications 22998
Itakura, T., Masuda, H., Ohtsuka, C., Matsusaka, S. The contact potential difference of powder and the tribo-charge 24328
Itakura, T. *see* Tanimoto, H. 11570
Itakura, T. *see* Tosaka, Y. 31269
Itakura, T. *see* Yamaji, T. 40925
Itakura, Y. *see* Mizoguchi, H. 2474
Italiano, C. *see* Grosso, F. 53836
Itami, S. *see* Emi, K. 7794
Itami, S. *see* Komatsu, T. 9721
Itanami, T. *see* Barkeshli, S. 34307
Itani, T., Yoshino, H., Hashimoto, S., Yamana, M., Samoto, N., Kasama, K. A study of acid diffusion in chemically amplified deep ultraviolet resist 32278
Itani, T., Yoshino, H., Hashimoto, S., Yamana, M., Samoto, N., Kasama, K. Relationship between remaining solvent and acid diffusion in chemically amplified deep ultraviolet resists 32315
Itani, T., Yoshino, H., Hashimoto, S., Yamana, M., Samoto, N., Kasama, K. Acid and base diffusion in chemically amplified DUV resists 42830
Itani, T. *see* Saeki, T. 1385
Itani, T. *see* Yoshino, H. 42831
Itano, W.M. High-magnetic-field corrections to cesium hyperfine structure 48333
Itano, W.M. *see* Miller, J.D. 27326
Itano, W.M. *see* Tan, J.N. 48324
Itano, W.M. *see* Wineland, D.J. 48291
Itatani, J., Nabekawa, Y., Kondo, K., Watanabe, S. Generation of 13-TW, 26-fs pulses in a Ti:sapphire laser 23833
Itatani, T., Matsumoto, K., Ishii, M., Nakagawa, T., Sugiyama, Y., Ohta, K. Propagation of electrical pulses from the ultrafast photoconductive switches fabricated by an atomic force microscope 33255
Itaya, K., Onomura, M., Nishio, O., Sugiura, L., Saito, S., Suzuki, M., Rennie, J., Nunoue, S., Yamamoto, M., Fujimoto, H., Kokubun, Y., Ohba, Y., Hatakoshi, G., Ishikawa, M. Room temperature pulsed operation of nitride based multi-quantum-well laser diodes with cleaved facets on conventional C-face sapphire substrates 3872
Itaya, K. *see* Ye, J.H. 42429
Itaya, Y., Tohmori, Y., Mitomi, O., Okamoto, H., Suzaki, Y., Kurosaki, T., Wada, M., Kasaya, K., Sakai, Y., Okamoto, M. Improvement of spectrum characteristics in spot-size converter integrated lasers with tilted butt joint portion 55604
Itaya, Y., Tohmori, Y., Okamoto, H., Mitomi, O., Wada, M., Kawano, K., Fukano, H., Yokoyama, K., Suzaki, Y., Okamoto, M., Kondo, Y., Kotaka, I., Yamamoto, M., Kohtoku, M., Kadota, Y., Kishi, K., Sakai, Y., Oohashi, H., Nakao, M. Spot-size converter integrated laser diodes (SS-LDs) [for access network] 26909
Itaya, Y. *see* Kawano, K. 23905
Itaya, Y. *see* Kawano, K. 44489
Itaya, Y. *see* Kawano, K. 44504
Itaya, Y. *see* Mawatari, H. 44469
Itaya, Y. *see* Mino, S. 3884
Itaya, Y. *see* Okamoto, H. 44283
Itaya, Y. *see* Takeuchi, H. 55290
Itaya, Y. *see* Wada, M. 44468
Itazaki, N., Idomoto, Y., Kinoshita, K. A fault simulation method for crosstalk faults in synchronous sequential circuits 21647
Itho, M. *see* Mizuno, N. 38936
Itie, J.P. *see* Besson, J.M. 22246
Itie, J.P. *see* Sapelkin, A.V. 22274
Itie, J.P. *see* Sapelkin, A.V. 42005
Itie, J.P. *see* Tinoco, T. 22290
Ito, A., Kumamoto, T., Ebina, T. Supporting computer users through dialogue 57767
Ito, A. *see* Ishii, M. 11972
Ito, A. *see* Shinohara, K. 7950
Ito, A. *see* Takahashi, H. 32594
Ito, A. *see* Tokuda, Y. 12682
Ito, F., Hasegawa, T. Single-shot high-speed signal detection by coherent correlation with independently oscillating local light 25571
Ito, F., Kitayama, K. Temporal bit-sequence signal storage by using angular-multiple spectral volume holography (SPLUME) 55938
Ito, H. Transient analysis of cylindrical synchronous machine taking damper winding currents into consideration 29263
Ito, H., Kuroda, I. An integrated control system for monitoring road heating in the city of Sapporo 61328
Ito, H., Minami, F., Yoshida, K., Inoue, K., Watanabe, K. Exciton confinement effect in semiconductor quantum wells studied by resonant second harmonic generation 22379
Ito, H., Yamahata, S., Skigekawa, N., Kurishima, K. Heavily carbon doped base InP/InGaAs heterojunction bipolar transistors grown by two-step metalorganic chemical vapor deposition 22782
Ito, H. *see* Abedin, K.S. 24077
Ito, H. *see* Fujii, H. 18428
Ito, H. *see* Horiuchi, T. 54795
Ito, H. *see* Ida, M. 1705
Ito, H. *see* Iijima, T. 48841
Ito, H. *see* Ishibashi, T. 16817
Ito, H. *see* Izumikawa, M. 21731
Ito, H. *see* Kawase, I. 44737
Ito, H. *see* Kawase, K. 33655
Ito, H. *see* Lindsay, T. 42820
Ito, H. *see* Maeda, N. 32440
Ito, H. *see* Maeda, S. 43361
Ito, H. *see* Matsuoka, Y. 12897
Ito, H. *see* Miwa, H. 35535
Ito, H. *see* Nakamura, K. 3778
Ito, H. *see* Nakamura, K. 14068
Ito, H. *see* Okihara, N. 35864
Ito, H. *see* Ota, H. 38293
Ito, H. *see* Shigekawa, N. 43134
Ito, H. *see* Umeda, Y. 21959
Ito, H. *see* Watanabe, N. 32149
Ito, H. *see* Zhan He Wang 12291
Ito, K., Aoki, M., Tsunehiro, Y. Improving the behavior of active filter for power distribution system 19292
Ito, K., Fujita, T., Terada, Y., Hatta, T., Hayashi, K., Ikenaga, T., Ohbuchi, M., Kobayashi, H., Abe, T. Development of control equipments for parking systems 25287
Ito, K., Shimizugashira, T., Kunieda, H. High speed bit-serial parallel processing on array architecture 41344
Ito, K., Yokoyama, R., Matsumoto, Y. Effect of steam-injected gas turbines on the unit sizing of a cogeneration plant 50789
Ito, K. *see* Bachmann, K.J. 52693
Ito, K. *see* Banks, H.T. 52770
Ito, K. *see* Hirayama, Y. 32849
Ito, K. *see* Kato, K. 198
Ito, K. *see* Matsuzawa, S. 4347
Ito, K. *see* Matsuzawa, S. 34390
Ito, K. *see* Moriyama, H. 36804
Ito, K. *see* Nakanishi, T. 59450
Ito, K. *see* Otsubo, M. 2970
Ito, K. *see* Saito, M. 56193
Ito, K. *see* Sato, Y. 19957
Ito, K. *see* Tamura, H. 13542
Ito, K. *see* Yamanaka, S. 19451
Ito, K. *see* Yokoyama, R. 29108
Ito, K. *see* Yokoyama, R. 38603
Ito, K. *see* Yokoyama, R. 38604
Ito, M. A study on speaker independent continuous vowel recognition by the principle of maximum relationship 56420
Ito, M., Kawabata, K., Tajima, F., Motoi, N. Coupled magnetic field analysis with circuit and kinematics modelings of brushless motors 50913
Ito, M., Majima, K., Katsuyama, S., Nagai, H. Effect of milling atmosphere on the preparation of $Sm_2Fe_{17}N_x$ powder by mechanical grinding 13411
Ito, M., Majima, K., Katsuyama, S., Nagai, H. Improvement of magnetic properties of mechanically ground $Sm_2Fe_{17}N_x$ powders by vacuum heat treatment 43713
Ito, M., Yamamoto, E., Hashimoto, S., Komazaki, I., Miyajima, H., Shinohara, S., Yanagisawa, K. Compound-cavity micro-interferometer using VCSEL and piezoelectric actuator 44596
Ito, M. *see* Den, S. 32177
Ito, M. *see* Ebine, Y. 14724
Ito, M. *see* Fukui, S. 43775
Ito, M. *see* Kobayashi, T. 50996
Ito, M. *see* Nagasaki, T. 52179
Ito, M. *see* Ogawa, T. 32312
Ito, M. *see* Okuda, T. 11528
Ito, M. *see* Sakurai, H. 47295
Ito, M. *see* Yamanashi, H. 32310
Ito, M.R. *see* Elnaggar, A. 41000

Ito, N., Mukugi, K., Hasegawa, K., Kusano, J., Noguchi, S., Saito, K., Mizumoto, M. Development of a superconducting cavity for the high intensity proton linac in JAERI 49166
Ito, N. *see* Hasegawa, K. 49054
Ito, N. *see* Kano, S. 35541
Ito, N. *see* Katata, H. 35195
Ito, N. *see* Katata, H. 35853
Ito, N. *see* Kato, A. 32126
Ito, N. *see* Kurosu, T. 17181
Ito, N. *see* Mizoguchi, H. 2474
Ito, N. *see* Mizumoto, M. 49053
Ito, N. *see* Ohgaro, T. 2802
Ito, N. *see* Sumi, H. 40575
Ito, O. *see* Kodaira, T. 33629
Ito, R. *see* Pan, W. 44556
Ito, R. *see* Tanaka, S. 38628
Ito, R. *see* Yaguchi, H. 40455
Ito, S., Iwamatsu, T., Sato, H., Asano, M., Kawano, K., Miyashita, F. Passivate SiN_x halftone phase shifting mask for deep ultraviolet exposure 32272
Ito, S., Iwata, H. Molded transformer for the 22 kV circuit selection type transformer facility 60837
Ito, S., Kawase, Y., Mori, H. 3-D finite element analysis of magnetic blowout forces acting on the arc in molded case circuit breakers 51383
Ito, S., Murata, T., Hasegawa, M., Bito, Y., Toyoguchi, Y. Anode materials C_xN with graphite-like structure for secondary lithium batteries 61037
Ito, S., Sato, O., Kamimura, Y., Yamada, Y., Tanaka, K. On-line reconstruction of NMR images using a liquid crystal-spatial light modulator 49460
Ito, S., Washio, M., Makino, I., Koura, N., Akashi, K. Role of potassium ions in humidity sensitivity of K^+-β-ferrite 27529
Ito, S. *see* Hirata, K. 10171
Ito, S. *see* Inarida, S. 20176
Ito, S. *see* Ishikawa, K. 8861
Ito, S. *see* Kanai, H. 22646
Ito, S. *see* Kawaguchi, T. 13533
Ito, S. *see* Kawase, Y. 11787
Ito, S. *see* Kawase, Y. 41563
Ito, S. *see* Knobloch, H. 23596
Ito, S. *see* Koura, N. 3273
Ito, S. *see* Nakamura, T. 59852
Ito, S. *see* Ohba, K. 37311
Ito, S. *see* Saito, T. 3677
Ito, S. *see* Tada, A. 23735
Ito, S. *see* Takahashi, K. 51576
Ito, S. *see* Takeda, K. 38779
Ito, S. *see* Yano, J. 54550
Ito, T., Fujimura, S. Improvement on depth resolution and reduction of Poisson noise in coded aperture emission CT 59549
Ito, T., Hotate, K. Closed-loop operation in the resonator fiber optic gyro using Faraday effect with a twisted single-mode-fiber resonator 27628
Ito, T., Kitayama, D., Ikoma, H. Silicon oxynitridation with inductively coupled oxygen-nitrogen mixed plasma 42531
Ito, T., Yamauchi, H. 6 kV solid insulator switch gear "Mini-Clad" 38902
Ito, T. *see* Araki, H. 29862
Ito, T. *see* Fujimura, N. 759
Ito, T. *see* Hattori, T. 59111
Ito, T. *see* Hayashi, Y. 13613
Ito, T. *see* Higa, A. 40512
Ito, T. *see* Hyeongmin Jeon 30884
Ito, T. *see* Igarashi, Y. 2439
Ito, T. *see* Inoue, N. 21283
Ito, T. *see* Ishikawa, N. 38655
Ito, T. *see* Itoh, T. 40610
Ito, T. *see* Kamikubo, H. 43452
Ito, T. *see* Kimura, S. 54373
Ito, T. *see* Kita, T. 31766
Ito, T. *see* Koike, T. 11701
Ito, T. *see* Maekawa, Y. 11132
Ito, T. *see* Nan Jiang 42365
Ito, T. *see* Naoe, M. 43439
Ito, T. *see* Nasu, H. 14316
Ito, T. *see* Nishiwaki, H. 30761
Ito, T. *see* Oota, A. 13492
Ito, T. *see* Saito, Y. 22515
Ito, T. *see* Sasa, K. 59165
Ito, T. *see* Takada, N. 30684
Ito, T. *see* Takeshita, T. 44560
Ito, T. *see* Togashi, K. 43440
Ito, T. *see* Urano, K. 32626
Ito, T. *see* Urashima, K. 38105
Ito, T. *see* Won, J. 30885
Ito, Y., Inoue, M., Fujisaki, K., Masui, H., Nakasuji, Y. Object-oriented technologies for air-conditioning system development 20246
Ito, Y., Kanno, Y. Source voltage sensor-less digital control using observer for PWM converter 60861
Ito, Y., Kanno, Y., Iino, M., Iyama, O. Digitally controlled parallel redundant UPS 60845
Ito, Y., Masuda, K. Automatic monitoring/disaster prevention system for tunnels 58562
Ito, Y., Ushikubo, M., Yokoyama, S., Matsunaga, H., Atsuki, T., Yonezawa, T., Ogi, K. New low temperature processing of sol-gel $SrBi_2Ta_2O_9$ thin films 2908
Ito, Y., Ushikubo, M., Yokoyama, S., Matsunaga, H., Atsuki, T., Yonezawa, T., Ogi, K. New low temperature processing of sol-gel $SrBi_2Ta_2O_9$ thin films 52748
Ito, Y. *see* Hayashi, M. 17055
Ito, Y. *see* Itoh, Y. 37166
Ito, Y. *see* Lee, K.H. 7752
Ito, Y. *see* Mendoza, S. 14981
Ito, Y. *see* Minowa, M. 36582
Ito, Y. *see* Nishimura, T. 5069
Ito, Y. *see* Onishi, S. 43589
Ito, Y. *see* Takahashi, I. 42331
Ito, Y. *see* Ushikubo, M. 52750
Ito, Y. *see* Yokosawa, K. 59541
Itoga, T., Kojima, H., Yugami, J., Ohkura, M. The increase of the native oxide thickness on H-terminated Si surfaces by gaseous contamination in a clean room atmosphere 54448
Itoga, T. *see* Shoji, K. 1356
Itoga, T. *see* Torii, K. 55001
Itoh, A. *see* Horie, H. 42712
Itoh, A. *see* Inoue, N. 54366
Itoh, A. *see* Miyaho, N. 26251
Itoh, A. *see* Tonouchi, M. 43765
Itoh, G. *see* Okumura, H. 17651
Itoh, H., Horiuchi, N., Nakazawa, M. An analysts of the longitudinal mode quartz tactile sensor based on the Mason equivalent circuit 17309
Itoh, H., Yamada, T., Mukai, S., Watanabe, M., Brandl, D. Optoelectronic implementation of real-time control of an inverted pendulum by fuzzy-logic-control units based on a light-emitting-diode array and a position-sensing device 36908
Itoh, H., Yamamoto, T., Mori, M., Horifa, I., Sakai, N., Yokokawa, H., Dokiya, M. Configurational and electrical behavior of Ni-YSZ cermet with novel microstructure for solid oxide fuel cell anodes 51547
Itoh, H., Yamamoto, T., Mori, M., Watanabe, T., Abe, T. Improved microstructure of Ni-YSZ cermet anode for SOFC with a long term stability 51515
Itoh, H. *see* Aoshima, S.-I. 44413
Itoh, H. *see* Asobe, M. 55826
Itoh, H. *see* Mizuno, K. 22694
Itoh, H. *see* Nakao, Y. 19820
Itoh, H. *see* Nakao, Y. 23245
Itoh, H. *see* Nakazawa, M. 13329
Itoh, H. *see* Ohtaka, H. 35678
Itoh, H. *see* Tohyama, O. 18231
Itoh, H. *see* Yamamoto, T. 20007
Itoh, H. *see* Yamamoto, T. 51519
Itoh, J. Development and applications of field emitter arrays in Japan 41777
Itoh, J. *see* Gamo, H. 31695
Itoh, J. *see* Hirano, T. 1914
Itoh, J. *see* Hirano, T. 31700
Itoh, J. *see* Hirano, T. 41784
Itoh, J. *see* Jin-Ki Kim 1402
Itoh, J. *see* Kanemaru, S. 41754
Itoh, J. *see* Okano, K. 53934
Itoh, J. *see* Py, C. 31703
Itoh, J. *see* Takahashi, I. 29407
Itoh, J. *see* Uemura, K. 31698
Itoh, J. *see* Yamaoka, Y. 31697
Itoh, K., Fridi, A.R., Bellaouar, A., Elmasry, M.I. A deep sub-V, single power-supply SRAM cell with multi-V_T, boosted storage node and dynamic load 1401
Itoh, K., Igarashi, C., Irokawa, S., Oouchi, J., Takahashi, M., Tarui, Y., Takahashi, T. A study for reduction of radiated emission by shifting clock frequency 14646
Itoh, K., Kaneda, Y., Kitamura, S., Kimura, K., Otoba, K., Tanaka, T., Tokura, H., Okada, I. On-line partial discharge measurement of turbine generators with new noise rejection techniques on pulse-by-pulse basis 9169
Itoh, K., Konno, R., Katagiri, Y., Mikazuki, T. Data transmission performance of an optical backboard bus 13892
Itoh, K., Nakagome, Y., Kimura, S., Watanabe, T. Limitations and challenges of multi-gigabit DRAM circuits 1387
Itoh, K., Nakagome, Y., Kimura, S., Watanabe, T. Limitations and challenges of multigigabit DRAM chip design 53290
Itoh, K., Ohkawa, T., Yongchang Zhu, Takada, T., Maeno, T. Real-time measurement of two-dimensional birefringence 59055
Itoh, K., Shigehiro, Y., Shirakawa, I., Matsumura, K. An approach for multi-layer gridless routing 11859
Itoh, K., Yamashita, H., Ema, T., Nozue, H. Defect printability analysis in electron beam cell projection lithography 22684
Itoh, K. *see* Hashimoto, M. 8168
Itoh, K. *see* Hashimoto, T. 12248
Itoh, K. *see* Hirokawa, K. 46007
Itoh, K. *see* Ishii, N. 56125
Itoh, K. *see* Kikuma, T. 31462
Itoh, K. *see* Matoba, O. 43993
Itoh, K. *see* Muramoto, M. 34260
Itoh, K. *see* Nonaka, N. 37380
Itoh, K. *see* Ohno, N. 14725
Itoh, K. *see* Ohshima, K. 45856
Itoh, K. *see* Schmidt, C. 43752
Itoh, K. *see* Takayama, T. 14117
Itoh, K. *see* Takeuchi, T. 55104
Itoh, K. *see* Taniguchi, M. 5217
Itoh, K. *see* Yamamoto, M. 45399
Itoh, K. *see* Yamashita, H. 22703
Itoh, K. *see* Yamashita, H. 32261
Itoh, K. *see* Yamazaki, S. 30066
Itoh, K. *see* Yoshimori, K. 15807
Itoh, K. *see* Yuri, M. 21307
Itoh, K.-I. A noise reduction method for chaotic time series 45860
Itoh, K.M., Haller, E.E., Beeman, J.W., Hansen, W.L., Emes, J., Reichertz, L.A., Kreysa, E., Shutt, T., Cummings, A., Stockwell, W., Sadoulet, B., Muto, J., Farmer, J.W., Ozhogin, V.I. Hopping conduction and metal-insulator transition in isotopically enriched neutron-transmutation-doped ^{70}Ge:Ga 1991
Itoh, M. *see* Dey, S. 34408
Itoh, M. *see* Harada, K. 23615
Itoh, M. *see* Ishiwata, H. 57140
Itoh, M. *see* Jianping Ding 46398
Itoh, M. *see* Ogawa, M. 12460
Itoh, M. *see* Sugiura, H. 31973
Itoh, N., Tahara, I. Diagnosis by conjecture 39945
Itoh, N. *see* Ichikawa, T. 27666
Itoh, N. *see* Ishizuka, S. 58793
Itoh, N. *see* Yanagisawa, K. 27665
Itoh, R., Ishizaka, K., Oishi, H., Okada, K. A single-phase voltage-doubler step-up/down rectifier with sinusoidal supply current 40865
Itoh, R. *see* Iijima, T. 37238
Itoh, R. *see* Oishi, H. 29409
Itoh, R. *see* Oishi, H. 38866
Itoh, S., Narikiyo, T. Evaluation of sectional curve on progressive lens 55363
Itoh, S. *see* Chen, W. 24906
Itoh, S. *see* Cuong Dinh 45628
Itoh, S. *see* Kimura, S. 46096
Itoh, S. *see* Matsuda, I. 46099
Itoh, S. *see* Nakamura, T. 18581
Itoh, S. *see* Tanaka, A. 7402
Itoh, S. *see* Tsuchiya, H. 46094
Itoh, T. On the oracle entropy and the average case oracle measure of knowledge complexity 24798
Itoh, T. The present and future prospects of the information network society 57937
Itoh, T., Azumi, R., Suga, T. Piezoelectric microcantilever array for multiprobe scanning force microscopy 43362
Itoh, T., Ohta, Y., Shizuya, H. A language-dependent cryptographic primitive 34571
Itoh, T., Suga, T. Self-excited force-sensing microcantilevers with piezoelectric thin films for dynamic scanning force microscopy 13160
Itoh, T., Taira, T., Kobayashi, T. Q-switching and mode selection of coupled-cavity Er,Yb:glass lasers 55548
Itoh, T., Yagyu, H., Mori, Y., Hatta, A., Ito, T., Hiraki, A., Nitta, S. Evolution and diffusion of hydrogen in CVD diamond films treated with hydrogen plasma 40610
Itoh, T. *see* Burmester, M. 24678
Itoh, T. *see* Chengkuo Lee 43408
Itoh, T. *see* Chien-Nan Kuo 41431
Itoh, T. *see* Coccioli, R. 21210
Itoh, T. *see* Jen-Tsai Kuo 45292
Itoh, T. *see* Kikuma, T. 31461
Itoh, T. *see* Lin, L.Y. 6866
Itoh, T. *see* Pekarek, J.E. 21882
Itoh, T. *see* Pobanz, C.W. 56135
Itoh, T. *see* Radisic, V. 24583
Itoh, T. *see* Sakuma, J. 33381
Itoh, T. *see* Satoh, K. 60483
Itoh, T. *see* Takahashi, M. 19511
Itoh, T. *see* Tanabe, S. 41588
Itoh, T. *see* Tanabe, S. 45197
Itoh, W. A study on ion migration on printed circuit boards 11983
Itoh, Y. Detail preserving noise filtering for compressed image 5259
Itoh, Y., Peng, Z.L., Goto, A., Nakanishi, N., Kase, M., Lee, K.H., Ito, Y. Production of short-lived positron sources for spin-polarized positron beams using a 35 MeV α-beam 37166
Itoh, Y., Takahashi, I., Ichimiya, A., Harada, J., Sokolov, N.S. Structure of CaF_2/Si(111) long interface 12561
Itoh, Y. *see* Asami, E. 27622
Itoh, Y. *see* Himeno, T. 53281
Itoh, Y. *see* Hirata, Y. 22179
Itoh, Y. *see* Jin-Ki Kim 53294
Itoh, Y. *see* Kobayashi, M. 41324
Itoh, Y. *see* Lee, K.H. 7752
Itoh, Y. *see* Miyake, Y. 19997
Itoh, Y. *see* Mori, H. 32979
Itoh, Y. *see* Nakanishi, I. 15351
Itoh, Y. *see* Nakanishi, I. 46447
Itoh, Y. *see* Sokolov, N.S. 12571
Itoh, Y. *see* Tadokoro, T. 44574
Itoh, Y. *see* Taniguchi, S. 51518
Itoh, Y. *see* Tsuboi, K. 29754
Itoh, Y. *see* Yanagida, K. 7750
Itoh, Y. *see* Yoshikawa, H. 49102
Itoh Kiminori *see* Kiminori Itoh
Itoi, S. *see* Matsui, T. 55172
Itoigawa, K. *see* Arai, F. 23079
Itoigawa, K. *see* Arai, F. 58688
Itoko, T. *see* Wakita, Y. 35782
Itou, H. *see* Suzuki, T. 11997
Itou, N. *see* Murata, S. 48249
Itou, T. *see* Kinosada, Y. 7949
Itoyama, K., Nishimura, T., Yanobe, T., Hayashi, Y. The influence of hydrocarbon gases on the characteristics of short gap discharge in N_2+NO gas 43459
Itskevich, E.S., Kashirskaya, L.M., Kraidenov, V.F. Anomalies in the low-temperature thermoelectric

power of p-Bi_2Te_3 and Te associated with topological electronic transitions under pressure 54123
Itskevich, E.S. *see* Dizhur, E.M. 22349
Itskevich, I.E., Ihn, T., Thornton, A., Henini, M., Foster, T.J., Moriarty, P., Nogaret, A., Beton, P.H., Eaves, L., Main, P.C. Resonant magnetotunneling through individual self-assembled InAs quantum dots 22900
Itsumi, M., Akiya, H., Nakayama, S., Yoshino, H. Passivation of sodium ions in metal oxide semiconductor structures by annealing with ultraviolet light 2301
Itsumi, M., Akiya, H., Tomita, M., Ueki, F., Yamawaki, M. Observation of defects in thermal oxides of polysilicon by transmission electron microscopy using copper decoration 41851
Itsumi, M., Akiya, H., Tomita, M., Ueki, T., Yamawaki, M. Impurity dependence of oxide defects in Czochralski silicon 2354
Itsumi, M., Ohfuji, S., Akiya, H. Electron-cyclotron-resonance sputtered $SrTiO_3$ thin films 2917
Itsumi, M., Shimaya, M., Aikiya, H., Shiono, N. Generation of Si-SiO_2 interface states at surface potentials near 0.4 and 0.7 eV 12580
Itsumi, M. *see* Sato, Y. 54348
Itten, K.I. *see* Kellenberger, T.W. 18777
Ittipiboon, A., Petosa, A., Roscoe, D., Cuhaci, M. An investigation of a novel broadband dielectric resonator antenna 34344
Ittipiboon, A. *see* Carrie, J. 35944
Ittipiboon, A. *see* Cuhaci, M. 14707
Ittipiboon, A. *see* Petosa, A. 4378
Ittipiboon, A. *see* Roscoe, D.J. 34410
Iturbe-Castillo, M.D. *see* Garcia-Quirino, G.S. 33678
Itzkan, I. Dynamics of pulsed laser ablation 3967
Iucci, N. *see* Ptitsyna, N.G. 28456
Iuga, A., Morar, R., Samuila, A., Cuglesan, I., Mihailescu, M., Dascalescu, L. Electrostatic separation of brass from industrial wastes 39450
Iula, A. *see* Lamberti, N. 55009
Iun, D.P.C., Cao, X.R. A performance model for ATM switches with internal speedup 35460
Iung, C. *see* Delemontey, B. 61131
Iung, C. *see* Hadri, S. 41325
Iung, C. *see* Jacquot, B. 61159
Iung, C. *see* Zanne, C. 60700
Iung, C. *see* Zanne, C. 61163
Iurescu, M. *see* Lolos, G.J. 59197
Ivakhnik, V.V., Nikonov, V.I. The point spread function of a four-wave phase-conjugating mirror on the basis of thermal nonlinearity 24211
Ivakin, A.V. *see* Avdienko, A.A. 32154
Ivaldi, J. *see* Williamson, D. 2544
Ivanauskas, F. *see* Buzelis, R. 3770
Ivanchenko, I.V. *see* Vertiy, A.A. 11648
Ivanchenko, V.N. *see* Achasov, M.N. 37251
Ivanchenko, V.N. *see* Bozhenok, A.V. 37252
Ivanchenkov, V.P., Stepanov, D.Yu. Working out the details of complex wave fields by tunable narrow-band optical filtering in terms of apparent velocity 3515
Ivanchenkov, V.P., Vylegzhanin, O.N., Stepanov, D.Yu. Classification of bullets from attributes isolated from the optical spatial spectra of their images 5446
Ivanco, J., Thurzo, I., Hulenyi, L. A study on thermal emission of charges at Si_3N_4-GaAs interfaces after annealing in N_2 and N_2+H_2 mixtures 12563
Ivanco, J. *see* Almeida, J. 32050
Ivanco, J. *see* Thurzo, I. 42281
Ivanda, M. *see* Desnica, U.V. 31804
Ivanenok, J. *see* Johnson, G. 18687
Ivanenok, J. *see* Johnson, G. 37972
Ivanenok, J. *see* Schuller, M. 18732
Ivanenok, J.F., III, Sievers, R.K. AMTEC powered residential furnace and auxiliary power 20065
Ivanenok, J.F., III, Sievers, R.K. 20-500 watt AMTEC auxiliary electric power system 20092
Ivanitskii, A.S., Chasovitin, Yu.K. Ensuring acceptable accuracy of instrumental current-voltage converters with reduced current source resistance 31422
Ivankovits, J.C. *see* Frend, E. 41691
Ivano, O. *see* Nakajima, H. 52832
Ivanov, A., Kritsky, S., Listopad, N., Mafter, I., Shkarupin, S. The Minsk metropolitan area Internet backbone for academic and research community 16247
Ivanov, A., Tsuji, B.K., Zorian, Y. Programmable BIST space compactors 11375
Ivanov, A. *see* Arefiev, A. 7571
Ivanov, A. *see* Belforte, G. 27508
Ivanov, A. *see* Eremin, V. 59260
Ivanov, A. *see* Maleck Rassoul, R. 55824
Ivanov, A.B., Kirillov, I.A. Electronic devices for safety power transmission 19265
Ivanov, A.G. *see* Charonov, V.Ya. 20279
Ivanov, A.I., Tokarev, S.B., Kholod, Yu.D. Demagnetizing effect of the transverse armature reaction of DC machines 19755
Ivanov, A.I. *see* Zubkov, A.A. 20168
Ivanov, A.M. *see* Verbitskaya, E.M. 41844
Ivanov, A.P., Krasnykh, A.K. The neutron flux generated by the IREN linac dark current 49117
Ivanov, B., Philipov, D., Shanov, V., Peev, G. Laser induced chemical etching of silicon with SF_6 using a copper bromide vapour laser 2359
Ivanov, B.N. Compensation for the dominant error in the measurement of length and linear displacement 17776
Ivanov, B.N. Prospects of the rolling method for measuring linear displacements and dimensions 36907
Ivanov, C. *see* Chattopadhyay, B. 19419
Ivanov, D. *see* Meunier, M. 17581
Ivanov, D.I. *see* Gueorguiev, Y.M. 54545
Ivanov, E.N., Tobar, M.E., Woode, R.A. Experimental study of the noise phenomena in microwave components 17759
Ivanov, E.N., Tobar, M.E., Woode, R.A. A study of noise phenomena in microwave components using an advanced noise measurement system 36857
Ivanov, E.N. *see* Tobar, M.E. 11668
Ivanov, E.N. *see* Tobar, M.E. 50242
Ivanov, E.N. *see* Woode, R.A. 36859
Ivanov, G.A. *see* Aksyonov, V.A. 3371
Ivanov, G.G., Kovtun, V.V., Hasan, S., Titomir, L.I. Atrial late potentials in patients with paroxysmal atrial flutter 59651
Ivanov, I. *see* Wei Li 12381
Ivanov, I.G. *see* Kalinchenko, G.A. 13919
Ivanov, I.I. *see* Aulchenko, V.M. 37247
Ivanov, L.M. *see* Branzalov, P.P. 48633
Ivanov, M.A. *see* Terada, Y. 10667
Ivanov, M.A. *see* Trifonov, A.S. 17851
Ivanov, M.S. *see* Voskoboinikov, Yu.E. 15451
Ivanov, N. Calculation of two dimensional number transform–an analytical study 45917
Ivanov, N.G., Kovalenko, S.E., Losev, V.F., Panchenko, Yu.N., Prokop'ev, V.E. On the spectral brightness of the SRS radiation excited in metal vapors by a XeCl laser 14250
Ivanov, N.P. *see* Komar, V.K. 10603
Ivanov, O.A. *see* Vikharev, A.L. 12060
Ivanov, O.P. *see* Volkovich, A.G. 18152
Ivanov, P.Ch., Rosenblum, M.G., Peng, C.-K., Mietus, J., Havlin, S., Stanley, H.E., Goldberger, A.L. Scaling behaviour of heartbeat intervals obtained by wavelet-based time-series analysis 18414
Ivanov, S. *see* Dohlus, M. 7729
Ivanov, S. *see* Grenzer, J. 53606
Ivanov, S. *see* Schomburg, E. 53616
Ivanov, S. *see* Winnerl, S. 42106
Ivanov, S.A. Inherently matched Y-junction stripline circulator 53553
Ivanov, S.I. *see* Khramenkov, V.N. 17170
Ivanov, S.I. *see* Korenkov, I.P. 60089
Ivanov, S.V. *see* Averbukh, B.Y. 12332
Ivanov, S.V. *see* Krestnikov, I.L. 42141
Ivanov, S.V. *see* Krestnikov, I.L. 44464
Ivanov, S.V. *see* Sobenin, N.P. 49206
Ivanov, T. *see* Rahman, M. 41459
Ivanov, V.A. *see* Mikaelian, A.L. 46113
Ivanov, V.G. *see* Arutyunov, V.A. 58829
Ivanov, V.G. *see* Baksht, F.G. 37173
Ivanov, V.I. *see* Rybachek, S.T. 34068
Ivanov, V.I. *see* Rybachek, S.T. 45124
Ivanov, V.P. *see* Balakirev, V.V. 16971
Ivanov, V.P. *see* Makarov, A.S. 13839
Ivanov, V.P. *see* Makarov, A.S. 13840
Ivanov, V.S., Migunova, I.I., Kalinina, N.A., Aleksandrov, G.N. Radiation processing of polymer insulators: a method for improving their properties and performance 8920
Ivanov, V.T., Shamsutdinova, G.M. Method for calculation of electrical fields in parallel pipeline electrochemical protection system 4179
Ivanov, V.T., Shamsutdinova, T.M. Analysis of electric fields in parallel pipeline cathodic protection systems 24324
Ivanov, V.V., Klopovskii, K.S., Mankelevich, Yu.A., Rakhimov, A.T., Rakhimova, T.V., Rulev, G.B., Saenko, V.B. Experimental and theoretical study of the efficiency of an excimer lamp pumped by a pulse distributed discharge in xenon 9717
Ivanov, V.Yu., Iroshnikov, N.G. Pattern formation in nonlinear optical system with spatially distributed feedback 33690
Ivanov, V.Yu., Iroshnikov, N.G., Lachinova, S.L. Passive ring resonator with Kerr slice 24170
Ivanov, Yu.A. *see* Georgievskii, A.M. 31513
Ivanov, Yu.D. *see* Batskikh, G.I. 7697
Ivanov, Yu.F., Matvienko, V.M., Potyomkin, A.V., Remnev, G.E., Zakoutayev, A.N. Growth and structure of thin films by high-intensity pulsed ion-beam deposition 10925
Ivanov, Y.V. *see* Alekseenko, S.S. 6962
Ivanov, Z. *see* Kojouharov, R. 11700
Ivanov, Z. *see* Kojouharov, R. 32925
Ivanov, Z. *see* Nurgaliev, T. 43740
Ivanov, Z. *see* Tarasov, M. 32929
Ivanov, Z.G. *see* Boikov, Yu.A. 55147
Ivanov, Z.G. *see* Chen, Y.F. 32924
Ivanov, Z.G. *see* Hu, Q.-H. 32914
Ivanova, K., Yordanov, O.I. Bistatic properties of Kirchhoff diffractals 14597
Ivanova, L.M. *see* Steckl, A.J. 10626
Ivanova, N.A., Rubanov, A.S., Tolstik, A.L., Chalei, A.V. Complex dynamics of a Fabry-Perot interferometer with four-level resonant medium 44723
Ivanova, N.L., Onokhov, A.P., Chaika, A.N., Resnichenko, V.V., Yeskov, D.N., Gromadin, A.L., Feoktistov, N.A., Beresnev, L.A. Liquid crystal spatial light modulators for adaptive optics and image processing 3487
Ivanova, S.V. Anisotropy of the speckle field in barium sodium niobate crystals 24179
Ivanovic, V. *see* Stankovic, L. 25039
Ivanovic, V.I. *see* Kontic, Z. 19531
Ivanovic, Z., Gec, Z. Electromagnetic compatibility of the electrical system ZET 29768
Ivanovich, M., Zukerman, M., Fitzpatrick, P., Gitlits, M. Channel allocation methods for half and full rate connections in GSM 6619
Ivantsov, V.A. *see* Nikolaev, A.E. 10766
Ivanyi, A. *see* Barbarics, T. 24378
Ivarsson, C.-J. *see* Gansler, T. 6009
Ivarsson, J. *see* Machin, G. 27205
Ivashchenko, A.I., Kerner, Ia. I., Maronchuk, I.Yu. Percolation theory approach to the description of electrical conductivity near 3D-2D transition in thin polycrystalline SnO_2 films 41995
Ivashenkov, O.N. *see* Ershova, N.Yu. 2266
Ivashkin, A.P. *see* Dementyev, D.V. 37249
Ivashov, D.B., Zhulina, Yu.V. Synthesis of algorithms for the compensation of phase distortions in radar imaging and their verification by numerical modeling 6910
Ivask, E. *see* Ubar, R. 9889
Ivaska, V. *see* Aleksiejunas, R. 45414
Ivchenko, E.L. *see* Kochereshko, V.P. 12396
Ivensky, G., Gulko, M., Ben-Yaarov, S. Current-fed multiresonant isolated DC-DC converter 31079
Ivensky, G. *see* Ben-Yaakov, S. 51131
Ivers-Tiffee, E. *see* Weber, A. 51520
Iversen, C. *see* Norholm, N. 54701
Iversen, J.-G. *see* Yang, L. 18201
Iversen, K., Muckenheim, J., Hampicke, D., Gessner, G., Scheiner, J. Electrical code-division multiplexing for low-cost optical subscriber loops 47445
Iversen, K., Wolf, M., Kuhwald, T., Jugl, E., Muckenheim, J. Time/wavelength coding for diffuse infrared communication systems with multiple optical carriers 47998
Iversen, K. *see* Fettweis, G.P. 47756
Iversen, K. *see* Jugl, F. 36121
Iverson, A.E. *see* Lersch, J.R. 15768
Iverson, A.E. *see* West, K.F. 18950
Ives, J.R., Mainwaring, N.R., Krishnamurthy, K.B., Blum, A.S., Drislane, F.W., Schachter, S.C., Schomer, D.L. Technical implementation and clinical findings/results of monitoring oxygen saturation in patients referred for long term EEG monitoring 49590
Ives, R.W., Magotra, N., Mandyam, G.D. Lossless compression of Synthetic Aperture Radar images 6884
Ivey, D.G., Eicher, S., Wingar, S., Lester, T. Performance of Pd-Ge based ohmic contacts to n-type GaAs 54256
Ivey, D.G. *see* Jian, P. 12901
Ivey, D.G. *see* Wang, D. 32240
Ivey, P. *see* Larcombe, S. 316
Ivey, P.A. *see* Larcombe, S.P. 1861
Ivezic, S. BusinessPhone 50 and BusinessPhone 250, digital business communication systems 6350
Ivin, V.V. *see* Lucas, K.D. 2522
Ivkovic, D. *see* Jurisevic, P. 60366
Ivkovic-Ivandekic, M.P., Mijailovic, S., Kovacevic, D.M. Determination of consumers self-regulation coefficient for electric power systems 19178
Ivnitskii, O.V. Closed queueing network with a multiline transmission channel 47147
Ivobotenko, B.A., Kozachenko, N.F. Modern step electric drives 9596
Ivonin, I.V., Lavrent'eva, L.G., Lukash, V.S., Subach, S.V., Chernikov, E.V., Tarzimyanov, A.N. Initial stages in the growth and development of junctions in heteroepitaxy of InP on GaAs 21293
Ivonin, I.V. *see* Vladimirova, S.Yu. 742
Iwabuchi, K., Kubota, T., Kashiwa, T. Analysis of electromagnetic fields in a mass-produced microwave oven using the finite-difference time-domain method 39440
Iwabuchi, T. *see* Koiwa, I. 2913
Iwadare, Y. *see* Wakita, N. 24787
Iwadate, K. *see* Takahashi, Y. 22890
Iwadate, K. *see* Takahashi, Y. 54722
Iwafuchi, T. *see* Sakatsu, T. 12018
Iwagami, N. *see* Moriya, T. 34575
Iwagami, Y., Maruyama, Y., Suzuki, W., Teshima, S. Compact and high power 2.5 kW klystron for DBS 31708
Iwahara, H. *see* Asano, K. 51531
Iwahara, M., Yamada, S., Dawson, F.P., Fillion, G. A passive current limiter for power semiconductor protection 38844
Iwahara, M. *see* Yamada, S. 994
Iwahashi, M., Johba, T., Kambayashi, N. Quantization of DCT basis coefficients for encoding of colored signals 35052
Iwahashi, M., Kambayashi, N., Kiya, H. Motion compensation for scalable decoder for drift reduction 57399
Iwahashi, T. *see* Kizawa, T. 58251
Iwahashi, Y. *see* Sonozaki, S. 58997
Iwahori, Y. *see* Tanaka, H. 56713
Iwai, H., Karasawa, Y. Theoretical foundation of the equivalent transmission-path model for assessing wideband digital transmission characteristics in Nakagami-Rice fading environments 58171
Iwai, H. *see* Karasawa, Y. 26513
Iwai, H. *see* Karasawa, Y. 34074
Iwai, H. *see* Karasawa, Y. 47622
Iwai, H. *see* Momose, H.S. 41463

Iwai, H. *see* Ohgaro, T. 2802
Iwai, H. *see* Ohguro, T. 41460
Iwai, H. *see* Yoshitomi, T. 2795
Iwai, J. *see* Wielopolski, L. 8121
Iwai, M., Kobayashi, T., Furuya, I., Mori, Y., Sasaki, T. Crystal growth and optical characterization of rare-earth (Re) calcium oxyborate $ReCa_4O(BO_3)_3$ (Re=Y or Gd) as new nonlinear optical material 52589
Iwai, M. *see* Katoh, J. 39364
Iwai, N. *see* Kasukawa, A. 44482
Iwai, N. *see* Yokouchi, N. 14130
Iwai, S. *see* Jeong-Sik Lee 787
Iwai, S. *see* Meguro, T. 52699
Iwai, S. *see* Tanaka, S. 22331
Iwai, S. *see* Tanaka, S. 40367
Iwai, T., Sato, K., Suto, K. Reduction of dispersion-induced distortion in SCM transmission systems by using predistortion-linearized MQW-EA modulators 36092
Iwai, T., Shigematsu, W., Yamada, H., Tomioka, T., Joshin, K., Fujii, T. 1.5 V low-voltage microwave power performance of InAlAs/InGaAs double heterojunction bipolar transistors 42950
Iwai, T. *see* Yamada, H. 21925
Iwai, T. *see* Yamada, S. 23458
Iwai, W. *see* Saito, T. 39294
Iwai, Y., Watanabe, K., Yagi, Y., Yachida, M. Gesture recognition by using colored gloves 25330
Iwai, Y., Yagi, Y., Yachida, M. Estimation of hand motion and position from monocular image sequence 25708
Iwaji, Y. *see* Fukuda, S. 38875
Iwaji, Y. *see* Inarida, S. 29757
Iwakami, N., Moriya, T., Miki, S., Ikeda, K., Jin, A. Basic algorithm of TwinVQ audio coding 34574
Iwakami, N. *see* Ikeda, K. 34577
Iwakami, N. *see* Miki, S. 34576
Iwakami, N. *see* Moriya, T. 14824
Iwaki, M., Iijima, T. Natural observation method for discrete-time waveforms 34814
Iwaki, M. *see* Iijima, T. 34860
Iwaki, M. *see* Iijima, T. 56417
Iwaki, S., Ueno, S. Comparison of the performance of distributed source estimation in the human brain using normal and vector magnetic field measurements 7906
Iwakiri, T., Kawayachi, N., Nishiwaki, M., Shimoji, M., Samejima, K., Inahata, O. On-demand service for cable television 7087
Iwakuma, M. *see* Matsushita, T. 55092
Iwakuro, H. *see* Kuroda, T. 42931
Iwakuro, H. *see* Shimizu, M. 12750
Iwama, T. *see* Moriyama, E. 27440
Iwamatsu, T., Ipposhi, T., Yamaguchi, Y., Ueda, K., Mashiko, K., Maegawa, S., Inoue, Y., Hirao, T., Nishimura, T., Yasuoka, A. Analysis of the delay distributions of 0.5 μm SOI LSIs 53114
Iwamatsu, T., Miyamoto, S., Yamaguchi, Y., Ipposhi, T., Inoue, Y., Miyoshi, H. Study on LOCOS isolation for short-channel SOI MOSFETs 42993
Iwamatsu, T. *see* Ipposhi, T. 13006
Iwamatsu, T. *see* Ito, S. 32272
Iwamatsu, T. *see* Kim, I.J. 43261
Iwamatsu, T. *see* Kyoh, S. 22641
Iwamatsu, T. *see* Maeda, S. 41066
Iwamatsu, T. *see* Oashi, T. 41171
Iwamatsu, T. *see* Ueda, K. 21568
Iwamatsu, T. *see* Yamaguchi, Y. 22821
Iwamori, S., Miyashita, T., Fukuda, S., Fukuda, N., Sudoh, K. Effect of a metallic interfacial layer on peel strength deterioration between a Cu thin film and a polyimide substrate 42700
Iwamoto, A. *see* Kim, S.W. 43864
Iwamoto, K., Tanie, K. Binocular head mounted display with eye movement tracking function: development of the prototype and its application 36812
Iwamoto, K. *see* Takada, K. 29584
Iwamoto, M., Fujisaka, T., Kondoh, M. Autofocus algorithm of inverse synthetic aperture radar using entropy 27009
Iwamoto, M., Xu Xiaobin Transient photoinduced voltage in hetero-structured polyimide Langmuir-Blodgett films 31644
Iwamoto, M. *see* Endou, E. 47468
Iwamoto, M. *see* Fukuzawa, M. 32621
Iwamoto, M. *see* Kawashima, S. 16710
Iwamoto, M. *see* Takayama, J. 26797
Iwamoto, M. *see* Wu, A. 33299
Iwamoto, N. *see* Takano, K. 23600
Iwamoto, S. *see* Mori, Y. 22289
Iwamoto, S. *see* Nozawa, M. 43865
Iwamoto, S. *see* Yu Huang 8755
Iwamoto, T., Miyake, T., Ohmi, T. Influence of carbon contamination on ultra thin gate oxide reliability 54420
Iwamoto, T., Morita, M., Ohmi, T. Highly-reliable ultra thin gate oxide formation process 42594
Iwamura, D. *see* Smith, R. 18628
Iwamura, H. *see* Choi, W.-Y. 26822
Iwamura, K., Imai, H. GMD decoding using Euclidean method 24786
Iwamura, S., Uose, H. QoS control scheme for ATM network applications 25952
Iwan, K. *see* Szczesny, R. 9413
Iwan, K. *see* Szczesny, R. 61146
Iwanabe, N. *see* Wang Zhonglei 38849
Iwanaga, H. *see* Fujii, M. 10838
Iwanaga, M. *see* Gotoh, S. 49822
Iwanami, Y., Wittke, P.H. Sequence estimation scheme for binary CP-FSK with energy detection 56251
Iwanczyk, J.S., Patt, B.E., Segal, J., Plummer, J., Vilkelis, G., Hedman, B., Hodgson, K.O., Cox, A.D., Rehn, L., Metz, J. Simulation and modelling of a new silicon X-ray drift detector design for synchrotron radiation applications 37343
Iwanczyk, J.S., Patt, B.E., Wang, Y.J., Khusainov, A.Kh. Comparison of HgI_2, CdTe and Si (p-i-n) X-ray detectors 37327
Iwanczyk, J.S. *see* Cesareo, R. 37562
Iwanczyk, J.S. *see* Patt, B.E. 37341
Iwanczyk, J.S. *see* Patt, B.E. 37344
Iwane, M., Chayamichi, H., Motoishi, A., Tatsukawa, N., Urasaki, N. Development of multi-microprocessor system MDBM/FMM 1484
Iwane, T. *see* Ohsono, M. 190
Iwaniczko, E. *see* Mahan, A.H. 39132
Iwano, S. *see* Kobayashi, M. 43944
Iwano, S. *see* Nagase, R. 16444
Iwano, S.-I. *see* Nagase, R. 26715
Iwano, T., Katoh, N. Frequency response of the CZ crystal growth process 670
Iwano, T. *see* Toyohara, A. 47983
Iwano, Y., Yoneyama, M., Shirai, K. Recognition of facial expressions using associative memory 46483
Iwao, S. *see* Koga, H. 41166
Iwao, T., Toyonaga, A., Shigemori, H., Oho, K., Sakai, T., Tayama, C., Masumoto, H., Sato, M., Tanikawa, K. Hepatic artery hemodynamic responsiveness to altered portal blood flow in normal and cirrhotic livers 37645
Iwaoka, H. *see* Wada, M. 3602
Iwaoka, H. *see* Wada, M. 27557
Iwaoka, M. *see* Sato, M. 39826
Iwasa, A., Fukushima, A., Sakamoto, Y. Cotunneling rate on harmonic drive and triangle drive 27249
Iwasa, A. *see* Fukushima, A. 27248
Iwasa, H. *see* Araki, S. 4946
Iwasa, H. *see* Funayama, R. 5386
Iwasa, H. *see* Tatsuno, Y. 5622
Iwasa, H. *see* Tatsuno, Y. 15818
Iwasa, K. *see* Omatu, S. 20235
Iwasa, N. *see* Nakamura, S. 3870
Iwasa, N. *see* Nakamura, S. 23882
Iwasa, N. *see* Nakamura, S. 33519
Iwasa, N. *see* Nakamura, S. 33562
Iwasa, N. *see* Nakamura, S. 44452
Iwasa, Y. *see* Thieme, C.L.H. 55107
Iwasaka, Y. *see* Kawabata, K. 60038
Iwasaki, A. 10 MV X-ray zero-area phantom scatter correction factors (S_p) obtained using three extrapolation methods 18515
Iwasaki, A. Two types of phantom scatter correction factors (S_p) for high-energy photons 18584
Iwasaki, A. *see* Tanaka, S. 61302
Iwasaki, A. *see* Zahorski, D. 58931
Iwasaki, C. *see* Kawaguchi, K. 40792
Iwasaki, H. A microstrip array antenna with omnidirectional pattern fed by CPW 34471
Iwasaki, H. CSP technology and bare chip mount 52215
Iwasaki, H. *see* DeWitt, J. 59243
Iwasaki, H. *see* Hisano, K. 30302
Iwasaki, H. *see* Inoue, S. 7453
Iwasaki, H. *see* Miyata, H. 37384
Iwasaki, H. *see* Nakao, M. 17560
Iwasaki, H. *see* Ohsugi, T. 37392
Iwasaki, H. *see* Sadrozinski, H.F.W. 37399
Iwasaki, H. *see* Saeki, T. 1385
Iwasaki, H. *see* Sasaski, T. 10942
Iwasaki, H. *see* Sata, Y. 263
Iwasaki, H. *see* Senyo, K. 37386
Iwasaki, H. *see* Terada, S. 37391
Iwasaki, H. *see* Unno, Y. 37395
Iwasaki, H. *see* Unno, Y. 37398
Iwasaki, K., Saito, T. Development of electronic control unit for four-wheel steering system 61305
Iwasaki, M., Hiroe, T., Matsui, N. Measurement of mechanical parameters in two-mass resonant system using disturbance observer 60646
Iwasaki, M. *see* Miyataka, M. 18342
Iwasaki, N., Ishitsuka, F., Kato, T. High performance flip-chip technique for wide-band modules 41515
Iwasaki, S. *see* Matsuyama, S. 37452
Iwasaki, S. *see* Minagawa, H. 33856
Iwasaki, S. *see* Tsukamoto, K. 41830
Iwasaki, T., Tsumori, Y., Nakai, K., Haga, H., Kojima, K., Nakashizu, T. Influence of cooling condition during crystal growth of CZ-Si on oxide breakdown property 678
Iwasaki, T. *see* Deai, H. 12565
Iwasaki, T. *see* Fujii, K. 14722
Iwasaki, T. *see* Ishigami, S. 14523
Iwasaki, T. *see* Ishizawa, H. 48998
Iwasaki, T. *see* Okada, H. 9706
Iwasaki, Y. *see* Abe, K. 37234
Iwasaki, Y. *see* Doi, M. 59006
Iwasaki, Y. *see* Obokata, K. 10328
Iwasawa, H. *see* Kuwashima, F. 23747
Iwasawa, T., Itahashi, S., Sone, M., Mitsui, H. Effect of bound water cluster in liquid dielectrics on conductivity 43435
Iwasawa, T., Ohota, K., Mitsui, H., Sone, M., Itahashi, S. Effect of molecular hindrance on dc conductivity in dielectric liquids including water 43429
Iwasawa, T., Ohota, K., Sone, M. Effect of water cluster state influenced by the polarized properties on dielectric constant and loss 23101
Iwasawa, T., Sekine, T., Sone, M., Mitsui, H. Effect of bound water cluster in liquid dielectrics on conductivity 32602
Iwasawa, T. *see* Ohta, K. 32603
Iwasawa, Y. *see* Chun Wangjae 7842
Iwase, H., Kamiya, N., Kita, E. Algorithms for boundary element parallel computing: convergency of solution 630
Iwase, M. *see* Murakoshi, A. 42749
Iwase, M. *see* Nozaki, S. 10972
Iwase, M. *see* Nozaki, S. 41871
Iwase, N., Ewanich, J. Aluminum nitride land grid array for high performance packaging applications 20883
Iwase, N., Yasumoto, T., Asai, H., Monma, J., Yano, K., Hayashida, H. A thin and low thermal resistance aluminum nitride BGA package for high speed DSP devices 30265
Iwase, N. *see* Hara, T. 12810
Iwase, N. *see* Yasumoto, T. 10943
Iwase, R., Tanno, T., Kobayashi, T., Inoue, O., Ueda, H. A surveillance and control interface for ATM transport systems 26331
Iwase, S. *see* Nakamura, K. 35071
Iwase, Y. *see* Imagawa, H. 58068
Iwase, Y. *see* Ozaki, T. 37319
Iwashige, J., Yoon, K.-Y., Kim, K.-C. On the effects of finite ground plane on site attenuation 24496
Iwashima, T., Inoue, A., Shigematsu, M., Nishimura, M., Hattori, Y. Temperature compensation technique for fibre Bragg gratings using liquid crystalline polymer tubes 43937
Iwashita, H., Nakata, T., Hirose, F. CTL model checking based on forward state traversal 11342
Iwashita, K. *see* Aisawa, S. 47897
Iwashita, K. *see* Ishida, O. 36169
Iwashita, K. *see* Watanabe, T. 55207
Iwashita, K. *see* Yonenaga, K. 6748
Iwashita, M. *see* Imanaka, H. 26330
Iwashita, T. *see* Ishikawa, M. 51613
Iwashita, Y., Ao, H., Noda, A., Okamoto, H., Shirai, T., Inoue, M. Power model of biperiodic DAW cavity 49211
Iwashita, Y. *see* Dewa, H. 37141
Iwashita, Y. *see* Kapin, V. 49181
Iwashita, Y. *see* Shirai, T. 37142
Iwaszek, G. *see* Foy, F.P. 30096
Iwaszkiewicz, J. *see* Bieniecki, S. 1132
Iwata, A., Izmailov, R., Suzuki, H., Sengupta, B. PNNI routing algorithms for multimedia ATM Internet 57639
Iwata, A., Nagata, M. A concept of analog-digital merged circuit architecture for future VLSI's 11603
Iwata, A., Ueguri, S. Improvement of turn-on characteristics of the high voltage MOSFETs switch with the master/slave connection 12939
Iwata, A. *see* Bhuiyan, M.S. 57530
Iwata, A. *see* Matsuo, H. 15527
Iwata, A. *see* Oguri, K. 28387
Iwata, A. *see* Okada, M. 35749
Iwata, A. *see* Yokota, Y. 25701
Iwata, A. *see* Yokota, Y. 28317
Iwata, F. *see* Sasaki, A. 36517
Iwata, H., Nagahashi, H. Motion tracking of color image sequences using neural networks 56849
Iwata, H., Ohzone, T. Numerical analysis of temperature dependence of very-short-pulse-induced dynamic latchup in CMOS 43267
Iwata, H., Ohzone, T. Derivation of transport equations for the analysis of variable composition semiconductor devices at low-temperatures 54564
Iwata, H. *see* Arai, F. 23079
Iwata, H. *see* Arai, F. 58688
Iwata, H. *see* Ito, S. 60837
Iwata, H. *see* Kobayashi, M. 22249
Iwata, H. *see* Kobayashi, M. 22250
Iwata, H. *see* Mushiga, M. 38904
Iwata, H. *see* Oooka, T. 43090
Iwata, H. *see* Sakatsu, T. 12018
Iwata, H. *see* Tokuda, Y. 12682
Iwata, K., Asahi, H., Asami, K., Gonda, S. Gas source molecular beam epitaxial growth of $GaN_{1-x}P_x(x\lesssim 0.015)$ using ion-removed electron cyclotron resonance radical cell 30736
Iwata, K., Uyematsu, T., Okamoto, E. Proposal of partially decodable Ziv-Lempel code 14837
Iwata, K. *see* Kakunai, S. 48899
Iwata, K. *see* Matsui, K. 29412
Iwata, K. *see* Matsui, K. 51217
Iwata, K. *see* Sonozaki, S. 58997
Iwata, K. *see* Uyematsu, T. 45624
Iwata, K. *see* Yamamoto, K. 30754
Iwata, M., Kajitani, I., Yamada, H., Iba, H., Higuchi, T. A pattern recognition system using evolvable hardware 15912
Iwata, M. *see* Higuchi, T. 1289
Iwata, M. *see* Higuchi, T. 53240
Iwata, M. *see* Ishibashi, Y. 2879
Iwata, M. *see* Kamigata, T. 41199
Iwata, M. *see* Karasawa, K. 40772

Iwata, N., Tomita, M., Yamaguchi, K., Oikawa, H., Kuzuhara, K. 7 mm gate width power heterojunction FETs for Li-ion battery operated personal digital cellular phones 31503
Iwata, N., Yamaguchi, K., Kuzuhara, M. Double-doped power HJFETs for digital cellular phones 21921
Iwata, N. *see* Horiguchi, A. 30106
Iwata, N. *see* Katoh, J. 39364
Iwata, N. *see* Nishimura, T.B. 31490
Iwata, S. *see* Shigeno, M. 40068
Iwata, T., Yamauchi, H. Plate bumping leakage current measurement and its application to data retention characteristic analysis for RJB DRAM cells 27814
Iwata, T. *see* Akamatsu, H. 1261
Iwata, T. *see* Noumi, H. 37073
Iwata, T. *see* Sato, H. 59166
Iwata, T. *see* Yamauchi, H. 1412
Iwata, T. *see* Yamauchi, H. 11442
Iwata, Y. *see* Antos, J. 37373
Iwata, Y. *see* DeWitt, J. 59243
Iwata, Y. *see* Mori, H. 37762
Iwata, Y. *see* Ohsugi, T. 37385
Iwata, Y. *see* Ohsugi, T. 37392
Iwata, Y. *see* Sadrozinski, H.F.W. 37399
Iwata, Y. *see* Terada, S. 37391
Iwata, Y. *see* Unno, Y. 37395
Iwata, Y. *see* Unno, Y. 37398
Iwatare, M. *see* Ootani, H. 20877
Iwatschenko-Borho, M. Fast detection of gamma contamination in the nSv/h range 38110
Iwatsuki, K., Kawai, S., Nishi, S. Theoretical and experimental study of timing jitter and SNR in soliton transmission with signal frequency sliding 16752
Iwatsuki, K., Saito, S., Suzuki, K., Naka, A., Kawai, S., Matsuda, T., Nishi, S. Field demonstration of 10 Gb/s-2700 km soliton transmission through commercial submarine optical amplifier system with distributed fiber dispersion and 90 km amplifier spacing 26460
Iwatsuki, K. *see* Kawai, S. 6758
Iwatsuki, K. *see* Suzuki, K.-I. 6815
Iwatsuki, N., Hayashi, I., Yamamoto, R., Shibata, J. Precision positioning with a rotary-linear motor driven by a pair of 2-D ultrasonic actuators 29346
Iwazume, M., Takeda, H., Nishida, T. Ontology-based information capturing from the Internet 6260
Iwig, K. *see* Breitenstein, O. 39203
Iwuoha, E.I., Smyth, M.R. Organic phase enzyme electrodes: kinetics and analytical applications 36722
Ixaru, L.G., Rizea, M. Four step methods for y''=f(x,y) 40229
Iyama, O. *see* Ito, Y. 60845
Iyama, O. *see* Wada, H. 60893
Iyama, T., Takada, J.-I. Propagation characteristics of a dielectric-coated coaxial helical waveguide in a lossy medium 56087
Iyama, Y. *see* Suematsu, N. 21961
Iye, Y., Endo, A., Izawa, S., Kato, M., Katsumoto, S. Magnetotransport in modulated and magnetic fields 12466
Iyengar, B.S.R. *see* Grundmann, S. 50949
Iyengar, G., Lippman, A.B. Evolving discriminators for querying video sequences 57340
Iyengar, S.S., Yuyan Wu, Hla Min Efficient edge extraction of images by directional tracing 25451
Iyengar, S.S. *see* Brooks, R.R. 15417
Iyengar, S.S. *see* Brooks, R.R. 52355
Iyer, A. Model reduction and control of ASTREX using stable fractions 8232
Iyer, A.N., Huang, J.Y., Jammy, R., Balachandran, U., Haldar, P., Hoehn, J.G., Jr. Fabrication of superconducting joints for Ag-clad BSCCO conductors 55081
Iyer, B., Ciesielski, M. Metamorphosis: state assignment by retiming and re-encoding 11128
Iyer, H.A.Purushotham *see* Purushotham Iyer, H.A.
Iyer, I.S., Chacko, J., Jayan, K.M. A simple multicathode cesium sputter negative ion source for the NSC 15UD pelletron accelerator 18070
Iyer, N.C. *see* Peacock, H.B., Jr. 7763
Iyer, N.R. *see* Liu, T.I. 7180
Iyer, R., Thakur, R.P.S., Rhodes, H., Liao, R., Rosler, R., Yieh, E. Electrical and physical characterization of tetraethylorthosilicate-O_3 borophosphosilicate glass 951
Iyer, R. *see* Plant, D.V. 55473
Iyer, R.A. Electro-mechanical equipment planning for the hydro power complex of Sardar Sarovar Project 60579
Iyer, R.A. *see* Ramaswamy, N. 60578
Iyer, R.K. *see* Haiming Jin 54771
Iyer, R.K. *see* Hungse Cha 11240
Iyer, S., Chowdhury-Nagle, S., Li, J., Bajaj, K.K. Theoretical study of InAsSb-InTlSb superlattice for the far infrared detector 27580
Iyer, S. *see* Mulestagno, L. 42304
Iyer, S. *see* Perera, A.H. 32175
Iyer, S. *see* Shirrell, C.D. 1831
Iyer, S.S. *see* Chen, F. 2122
Iyer, S.S. *see* Haddad, Y.M. 50252
Iyer, S.S.K. *see* Lu, X. 22529
Iyer, S.S.K. *see* Min, J. 2325
Iyer, S.S.Kumar *see* Kumar Iyer, S.S.
Iyer, S.Venkatakrishna *see* Venkatakrishna Iyer, S.
Iyer, U., Nayeri, M. Generalized adaptive polyphase algorithm 15284
Iyer Narayanaswamy, P.R. Computer-aided testing of a digital phase angle meter 58901
Iyi, N. *see* Kitamura, K. 21222
Iynkaran, K. *see* Nobar, P.M. 20446
Iyoda, I. *see* Ikebe, K. 50320
Iyoda, T., Saika, T., Wang, R. Multi-functional molecules and molecular assembly functions 55164
Iyoda, T. *see* Ohkoshi, S. 43614
Izaki, K., Hirota, I., Yamashita, H., Kamli, M., Omori, H., Nakaoka, M. New constant-frequency variable powered quasiresonant inverter topology using soft-switched type IGBTs for induction-heated cooking appliance with active power filter 51881
Izaki, M., Omi, T. Transparent zinc oxide films chemically prepared from aqueous solution 40510
Izaki, Y. *see* Choong-Gon Lee 51507
Izatt, J.R., Harrell, J.W., Nikles, D.E. Experiments with the integration of physics and chemistry in the freshman engineering curriculum 20660
Izatt, J.R., Schatz, W., Fleurov, V.B. Continuously-tunable single-mode twenty-atmosphere CO_2 laser 44343
Izawa, K. *see* Yoneyama, T. 46080
Izawa, M. *see* Murofushi, H. 55446
Izawa, N. *see* Oyama, Y. 52600
Izawa, S. *see* Iye, Y. 12466
Izawa, T., Matsui, S., Maeda, M., Yamamura, N., Uchimura, R., Yakuoh, T., Sarukura, N., Zhenlin Liu, Izumida, S., Segawa, Y. Broad-band tunable, compact, low-threshold, Ti:sapphire laser using a single set of extremely broad-band optics 3774
Izawa, Y. *see* Kiriyama, H. 55565
Izeboudjen, N. *see* Bourai, Y. 40799
Izenberg, N.R., Arvidson, R.E., Brackett, R.A., Saatchi, S.S., Osburn, G.R., Dohrenwend, J. Erosional and depositional patterns associated with the 1993 Missouri River floods inferred from SIR-C and TOPSAR radar data 28609
Izenson, M. *see* Schuller, M. 18732
Izenson, M.G., Crowley, C.J. Micromachined evaporators for AMTEC cells 20091
Izergin, N.A. Valve-type multiple stack inductor motor 38734
Izergin, N.A. A multistack switch-controlled induction motor 61155
Izhak, S., Gupta, Y., Subrahmanya, C.R. Coherent dedispersion system for GMRT 7229
Izhizuka, A. *see* Bass, E.A. 29832
Izhvanov, O.L. *see* Luchau, D.W. 18695
Izmailov, A. *see* Grigorian, V. 18742
Izmailov, R. Delayed feedback control algorithms in high-speed networks 5745
Izmailov, R. *see* Iwata, A. 57639
Izofatova, N.Yu. *see* Danilov, V.N. 60110
Izosimov, D.B., Lopukhina, E.M., Zakharenko, A.B. The tentative optimization of active part dimension of induction motors intended for the use in controllable drives 29315
Izosimov, D.B., Lopukhina, Ye.M., Zakharenko, A.B. Optimization of the dimensions of the active zone of induction motors for variable-speed drives 60746
Izosimov, D.B., Ryvkin, S.Ye. Improvement in the quality of energy consumption using semiconductor converters with pulse-width modulation 9361
Izosimov, O.B. *see* Bogachev, Y.P. 61171
Izotov, V.Y. *see* Maletin, Y.A. 9470
Izpura, I. *see* Calleja, E. 44213
Izquierdo, E. *see* Ohm, J.-R. 15594
Izquierdo, R. *see* Meunier, M. 17581
Izso, T. *see* Wolfner, G. 35523
Izu, H. *see* Sakakibara, T. 43366
Izu, M., Deng, X., Ovshinsky, H.C., Crucet, R., Ovshinsky, S.R., Polisan, A. Production start-up of 2 MW a-Si PV manufacturing line at Sovlux plant 39180
Izu, M. *see* Ellison, T. 51591
Izu, T. *see* Shiiyama, K. 36838
Izuha, M., Abe, K., Koike, M., Takeno, S., Fukushima, N. Electrical properties and microstructures of $Pt/Ba_{0.5}Sr_{0.5}TiO_3/SrRuO_3$ capacitors 43581
Izuhara, S. *see* Yagi, Y. 36682
Izumi, A., Kawabata, K., Tsutsui, K., Sokolov, N.S., Novikov, S.V., Khilko, A.Y. Growth of $CdF_2/CaF_2/Si(111)$ heterostructure with abrupt interfaces by using thin CaF_2 buffer layer 778
Izumi, H. *see* Kizawa, T. 58251
Izumi, H. *see* Meuris, M. 42475
Izumi, K. *see* Chon, Y.K. 9307
Izumi, K. *see* Giles, L.F. 22556
Izumi, K. *see* Kunii, Y. 22510
Izumi, K. *see* Omura, Y. 42983
Izumi, K. *see* Omura, Y. 54645
Izumi, K. *see* Wada, M. 3602
Izumi, K. *see* Hemment, P.L.F. *(editor)* 29948
Izumi, M., Fukunaga, K. Back projection voting considering the error of camera orientation 15746
Izumi, M. *see* Fukunaga, K. 15745
Izumi, S. *see* Kitano, T. 43130
Izumi, T., Nishiwaki, H., Tambo, T., Tatsuyama, C. Ga-Se films grown on a GaAs(001) surface at high temperature using a thermal evaporation of GaSe 795
Izumi, T., Tamura, K., Nakaoka, M., Koeda, K. Discussions on stability of induction machines system using photovoltaic arrays and its maximum power tracking scheme 29309
Izumi, T., Tamura, K., Usui, H., Inoue, K. Utility interactive system using induction machines to supply mechanical power stored in solar batteries 60595
Izumi, T. *see* Okamoto, H. 27110
Izumi, Y. *see* Nakahigashi, T. 30930
Izumida, S. *see* Izawa, T. 3774
Izumida, S. *see* Komatsu, R. 14284
Izumida, S. *see* Sarukura, N. 3752
Izumikawa, M., Igura, H., Furuta, K., Ito, H., Wakabayashi, H., Nakajima, K., Mogami, T., Horiuchi, T., Yamashina, M. A 0.25-μm CMOS 0.9-V 100-MHz DSP core 21731
Izumikawa, M., Yamashina, M. Compact realization of phase-locked loop using digital control 53391
Izumita, H., Koyamada, Y., Furukawa, S., Sankawa, I. Stochastic amplitude fluctuation in coherent OTDR and a new technique for its reduction by stimulating synchronous optical frequency hopping 33014
Izumita, H., Sato, T., Tateda, M., Koyamada, Y. Brillouin OTDR employing optical frequency shifter using side-band generation technique with high-speed LN phase-modulator 13588
Izumitani, J. *see* Ishii, H. 30686
Izumiya, S. *see* Inoue, M. 42104
Izumiya, S. *see* Sasa, S. 12487
Izumo, S. *see* Sakata, Y. 42481
Izunome, K. *see* Ikari, A. 10666
Izuoka, T. *see* Suguri, K. 1447
Izutani, S., Kagawa, K., Joko, I., Nakahara, T. Catalytic denitrification technology for wastewater from power plant 60540
Izvorska, D., Leisten, J. Single-ended soft switched PWM converter for power control unit 19869
Izyumov, M.O. *see* Amirov, I.I. 42600
Izzard, M. *see* Mekkittikul, A. 16498
Izzo, L., Napolitano, A. Effects of random linear transformations on higher-order cyclostationary time-series 4805
Izzo, L., Napolitano, A. Higher-order cyclostationarity properties of sampled time-series 24916

J. Russell, P.St. *see* St. J. Russell, P.
J. Vasa Nilesh *see* Nilesh J. Vasa
Ja Byeoung Kwon *see* Byeoung Kwon Ja
Ja Park Kwang *see* Kwang Ja Park
Ja Park Soon *see* Soon Ja Park
Ja-Chen Lin *see* Kuang-Shyr Wu 45604
Ja-Chen Lin *see* Wei-Yu Han 25697
Ja-Chen Lin *see* Wei-Yu Han 57421
Ja-Hum Ku, Nemanich, R.J. The Schottky barrier of Co on strained and unstrained Si_xGe_{1-x} alloys 2246
Ja-Hum Ku *see* King, S.W. 12781
Ja-Ling Wu *see* Chiou-Ting Hsu 15950
Ja-Ling Wu *see* Chu-Song Chen 5128
Ja-Ling Wu *see* Ho-Chao Huang 16477
Ja-Ling Wu *see* Ming-Chwen Yang 56573
Jaafari, A., Filinov, N.B. Re-engineering the Productivity Initiative Programme 83
Jaafari, A. *see* Haddad, K. 19052
Jaafari, A. *see* Thomas, T. 38332
Jaakkola, H., Loula, P. Managing a virtual hospital 18490
Jaakkola, H. *see* Ranta, R. 20201
Jaakkola, R. *see* Lammasniemi, J. 38984
Jaanimagi, P.A. *see* Boehly, T.R. 14086
Jaarsma, G.T. *see* Balkenende, A.R. 58940
Jaaskelainen, S. *see* Alexeev, G. 59200
Jaaskelainen, T. *see* Hauta-Kasari, M. 5568
Jaaskelainen, T. *see* Kamshilin, A.A. 24145
Jaaskelainen, T. *see* Keinonen, T. 44739
Jaaskelainen, T. *see* Raita, E. 14327
Jaaskelainen, T. *see* Raita, E. 44716
Jaaskelainen, T. *see* Silfsten, P. 7433
Jabbari, B. Teletraffic aspects of evolving and next-generation wireless communication networks 16622
Jabbari, B. *see* Gervais, M.-P. 6565
Jabbari, F. Circular implementation of vector-channel lattices 15346
Jabcznski, J.K., Kopczynski, K., Szczesniak, A. Beam quality, thermal lensing and thermal aberration measurements in diode pumped lasers 3759
Jabczynski, J.K. Investigations of thermal aberrations in Nd:YAG laser end-pumped by 10 W fiber coupled diode bar 23852
Jabczynski, J.K., Kopczynski, K., Szczesniak, A. Thermal lensing and thermal aberration investigations in diode-pumped lasers 23839
Jaber, B., Remiens, D., Thierry, B., Chaouch, M. Influence of the substrate material, substrate temperature and sputtered lead flux on the in-situ perovskite phase formation 52803
Jaber, B. *see* Cattan, E. 40601

Jaber, I., Demokan, O. Growth rates in electromagnetically pumped free-electron lasers with axial guide magnetic field 3908
Jaber, J. *see* Mozef, E. 25569
Jaber, J. *see* Mozef, E. 34991
Jaber, Z. *see* Aboubacar, A. 41758
Jablon, D.P. Strong password-only authenticated key exchange 14801
Jablonka, M. *see* Garvey, T. 49193
Jablonski, G. *see* Turowski, M. 9287
Jablonski, J., Miyamura, Y., Mchedlidze, T.R., Saito, M., Katayama, T., Imai, M., Nakashima, S. Effect of oxidizing ambient on the buried oxide synthesis in low-dose SIMOX wafers 42292
Jablonski, J., Saito, M., Miyamura, Y., Katayama, T., Nakashima, S. Effect of oxidizing ambient on the generation of microdefects in low-dose SIMOX wafers 22456
Jablonski, J. *see* Saito, M. 22555
Jablonski, P.D. *see* Cooley, L.D. 55091
Jablonski, P.D. *see* McKinnell, J.C. 55140
Jablonski, R., Maziewski, A., Tekielak, M., Desvignes, J.M. FMR study of Co-substituted yttrium iron garnet films 23346
Jablonski, S. *see* Badziak, J. 33386
Jabri, A.Al *see* Al Jabri, A.
Jabri, A.K.Al *see* Al Jabri, A.K.
Jabri, A.Kh.Al *see* Al Jabri, A.Kh.
Jabri, K.N. *see* Wilson, D.L. 25650
Jabri, M., Tinker, E. Classifier architectures for single chamber arrhythmia recognition 49370
Jabri, M. *see* Coggins, R. 37876
Jabri, M.A., Wang, R.J. A novel channel selection system in cochlear implants using artificial neural network 59802
Jabrun, G.De *see* De Jabrun, G.
Jacak, B.V. *see* Britton, C.L., Jr. 59321
Jacak, B.V. *see* Smith, R.S. 59336
Jaccard, Y. *see* Buchenel, B. 19249
Jachmann, D. *see* Balcells, A. 20645
Jack, A.G. *see* Mecrow, B.C. 9598
Jack, C.R. *see* Yi Wang 7986
Jack, C.R., Jr. *see* Lee, C.C. 7958
Jack, M. *see* Yoma, N.B. 4596
Jack, M. *see* Yoma, N.B. 45675
Jack Jen Chauying *see* Chauying Jack Jen
Jackel, A. *see* Bandyopadhyay, S. 53187
Jackel, B.J., Moorcroft, D.R., Schlegel, K. Characteristics of very large aspect angle E-region coherent echoes at 933 MHz 45145
Jackel, J.L., Goodman, M.S., Gamelin, J., Tomlinson, W.J., Baran, J., Brackett, C.A., Fritz, D.J., Hobbs, R., Kissa, K., Ade, R., Smith, D.A. Simultaneous and independent switching of 8-wavelength channels with 2-nm spacing using a wavelength-dilated acoustooptic switch 3496
Jackel, J.L. *see* Rashid, H. 26932
Jackel, K.-H. *see* Ecke, W. 38038
Jackel, R. *see* Hopfe, V. 942
Jackiewicz, Z., Kwapisz, M. Convergence of waveform relaxation methods for differential-algebraic systems 21142
Jackiewicz, Z., Vermiglio, R. General linear methods with external stages of different orders 10515
Jackiewicz, Z., Vermiglio, R., Zennaro, M. Regularity properties of Runge-Kutta methods for ordinary differential equations 10537
Jackiewicz, Z. *see* Butcher, J.C. 626
Jackman, J. *see* Johnson, M.E. 30436
Jackman, R.B. *see* Pang, L.Y.S. 22837
Jackman, R.J. *see* Rogers, J.A. 17384
Jackman, R.J. *see* Rogers, J.A. 23469
Jackson, A. *see* Robin, D. 17998
Jackson, A. *see* Vianco, P. 1779
Jackson, A.G., Laube, S.J.P., Busbee, J. Sensor principles and methods for measuring physical properties 27536
Jackson, B.C. *see* Bekkers, C. 11960
Jackson, C. *see* Gaier, T. 41485
Jackson, C.B. *see* Di Mauro, E.C. 1757
Jackson, D. *see* Abe, K. 59233
Jackson, D. *see* Fisher, N. 36608
Jackson, D. *see* Yeargan, J. 20665
Jackson, D.A. *see* Brady, G.P. 27596
Jackson, D.A. *see* Brady, G.P. 36601
Jackson, D.A. *see* Fisher, N.E. 17314
Jackson, D.A. *see* Heron, N.A. 48578
Jackson, D.A. *see* Heron, N.A. 48581
Jackson, D.A. *see* McGarrity, C. 36605
Jackson, D.A. *see* McGarrity, C. 36629
Jackson, D.A. *see* McGarrity, C. 48587
Jackson, D.A. *see* Podoleanu, A.Gh. 7665
Jackson, D.A. *see* Rao, Y.J. 17417
Jackson, D.A. *see* Rao, Y.J. 36604
Jackson, D.A. *see* Rao, Y.J. 48571
Jackson, D.A. *see* Ribeiro, A.B.L. 36635
Jackson, D.A. *see* Seeger, M. 17791
Jackson, D.A. *see* Wacogne, B. 26774
Jackson, D.A. *see* Wacogne, B. 26775
Jackson, D.A. *see* Wacogne, B. 36089
Jackson, D.A. *see* Webb, D.J. 37700
Jackson, D.A. *see* Yun-Jiang Rao 58818
Jackson, D.J. *see* Lusth, J.C. 53265
Jackson, D.K., Leeb, S.B., Mitwalli, A.H., Narvaez, P., Fusco, D., Lupton, E.C., Jr. Power electronic drives for magnetically triggered gels 51195
Jackson, D.R., Briggs, K.B., Williams, K.L., Richardson, M.D. Tests of models for high-frequency seafloor backscatter 18761
Jackson, E., Phillips, H., Rose, B.E. The microcomputer compensated crystal oscillator a progress report 13359
Jackson, E. *see* Rose, B. 16652
Jackson, F. *see* Tomlinson, W. 30363
Jackson, G. *see* LaBel, K.A. 49857
Jackson, G. *see* Murphy, C.T. 49262
Jackson, G. *see* Neuffer, D. 7694
Jackson, G.L., LaBel, K.A., Flanegan, M., Dale, C., Marshall, P.W., Bonebright, R.K., Kim, J.H., Chan, E.Y., Bocek, T.M., White, C. The microelectronics and photonics test bed dual rate 1773 fiber optics data bus experiment 49856
Jackson, G.S., Shenheng Guan, Marshall, A.G. Universal ICR ion trap optimized for excitation, detection, and trapping 7777
Jackson, H.E. *see* Poweleit, C.D. 13634
Jackson, H.E. *see* Steckl, A.J. 10626
Jackson, J.B. *see* Chittock, R.S. 31640
Jackson, J.E., Jr. *see* Sudhakar, B. 927
Jackson, J.N. *see* Allport, P.P. 37375
Jackson, J.N. *see* Beringer, J. 37394
Jackson, J.R., Benkeser, P.J., Nichols, F.T. 3-D ultrasonic imaging of the structure and elasticity of the carotid bifurcation 28125
Jackson, K.H. *see* Bonivert, W.D. 21327
Jackson, K.R., Kvaerno, A., Norsett, S.P. An analysis of the order of Runge-Kutta methods that use an iterative scheme to compute their internal stage values 10516
Jackson, K.R. *see* Hull, T.E. 10536
Jackson, L.G. *see* Brewer, J.C. 18721
Jackson, L.G. *see* Lurie, C. 18722
Jackson, M. *see* Niedoba, H. 43670
Jackson, M.B. *see* Juby, L. 29817
Jackson, M.D. *see* Wacogne, B. 26774
Jackson, M.D. *see* Wacogne, B. 36089
Jackson, P.E. Modern digital solutions for wireless local loop using CDMA technology 47444
Jackson, P.O., Abrahamsson, B., Gustavsson, D., Igetott, L. Corrosion in HVDC valve cooling systems 50525
Jackson, R. *see* Yang, M. 54467
Jackson, R.C. *see* Wintenberg, A.L. 59316
Jackson, R.G., Blalock, T.V., Simpson, M.L., Wintenberg, A.L., Young, G.R. Integrated constant-fraction discriminator shaping techniques for the PHENIX lead-scintillator calorimeter 59322
Jackson, R.G. *see* Smith, R.S. 59336
Jackson, R.W., Rakshit, S. Microwave circuit modeling of an elevated paddle surface mount package 41513
Jackson, S.A., Ahuja, N. Elliptical Gaussian filters 5566
Jackson, S.L. *see* Sengupta, D.K. 7342
Jackson, S.L. *see* Sengupta, D.K. 27577
Jackson, S.L. *see* Sengupta, D.K. 48666
Jackson, S.R., Narayanan, R.M. Effects of system errors on combined MM/IR neural network inversion of surface snow properties 18896
Jackson, T.N. *see* Gundlach, D.J. 32422
Jackson, T.N. *see* Lin, Y.Y. 2726
Jackson, T.N. *see* Luther, B.P. 22425
Jackson, T.N. *see* Mohney, S.E. 12539
Jackson, T.N. *see* Nelson, S.F. 12526
Jackson, T.N. *see* Thomasson, D.B. 2692
Jackson, T.N. *see* Thomasson, D.B. 32425
Jackson, W.-A., Martin, K.M. Perfect secret sharing schemes on five participants 4540
Jackson, W.-A., Martin, K.M., O'Keefe, C.M. Ideal secret sharing schemes with multiple secrets 4537
Jackson, W.-A., Wild, P.R. On GMW designs and cyclic Hadamard designs 45562
Jackson, W.A., Martin, K.M., O'Keefe, C.M. A construction for multisecret threshold schemes 4541
Jackson, W.B. *see* Nickel, N.H. 41862
Jackson, W.D., Mazzoni, O.S., Schempp, E. Characteristics of semiconductor devices at cryogenic temperatures 11188
Jackson, W.D., Seikel, G.R. Cesium-seeded hydrogen-magnetohydrodynamic disk generator 18731
Jackson, W.D. *see* Schempp, E. 20096
Jacob, A.F. *see* Oberschmidt, G. 33966
Jacob, B.L., Chen, P.M., Silverman, S.R., Mudge, T.N. An analytical model for designing memory hierarchies 1347
Jacob, C. Evolving evolution programs: genetic programming and L-systems 52514
Jacob, J., Sivakumar, P.S., Agrawal, V.D. Adder and comparator synthesis with exclusive-OR transform of inputs 53186
Jacob, J. *see* Chaudhary, A.K. 56728
Jacob, J. *see* Mathew, S. 4336
Jacob, J. *see* Vargheese, L. 18435
Jacob, J.-B., Casoni, M., Corazza, G., Raffaelli, C., Masetti, F., Parmentier, P. System design and evaluation of a large modular photonic ATM switch 16517
Jacob, J.-B. *see* Boettle, D. 26456
Jacob, J.-B. *see* Gabriagues, J.-M. 16511
Jacob, J.F., Soleres, E. Technical and economical considerations relating to optical fiber deployment strategy 47421
Jacob, J.M., Golovchenko, E.A., Carter, G.M. Phase modulated pulsed laser for WDM soliton communication systems 47964
Jacob, J.M., Golovchenko, E.A., Pilipetskii, A.N., Carter, G.M., Menyuk, C.R. Experimental demonstration of soliton transmission over 28 Mm using mostly normal dispersion fiber 23485
Jacob, J.M. *see* Golovchenko, E.A. 58277
Jacob, K. *see* Mohr, U. 32137
Jacob, L. *see* Hyojeong Song 57600
Jacob, P. *see* Fehrenbacher, G. 37291
Jacob, P.J., Ball, A.D. Empirical validation of the performance of a class of transient detector 4740
Jacob, S. *see* Chandra, R. 22117
Jacob, S. *see* Saupe, D. 25536
Jacob, T., Lacher, U., Kapp Schwoerer, D. Landless via connections for advanced PCB and MCM 11903
Jacob, T., Lacher, U., Kapp-Schwoerer, D. Liquid resist allows land size reduction [PCB manufacture] 41637
Jacob, W. *see* Annen, A. 52769
Jacobe, P. *see* Decreuze, C. 52138
Jacobina, C.B., da Silva, E.R.C., Lima, A.M.N., Ribeiro, R.L.A. Induction generator static systems with a reduced number of components 29324
Jacobina, C.B., Nogueira Lima, A.M., de Souza Ribeiro, L.A. Linear estimation of the parameters and elasticity of an asynchronous machine using a discrete current-voltage dynamic model 29296
Jacobina, C.B. *see* Ribeirbo, L.A.S. 51704
Jacobo-Berlles, J. *see* Loccisano, S. 16902
Jacoboni, C. *see* Douay, M. 55261
Jacoboni, C. *see* Xie, W.X. 24284
Jacobs, A. *see* Teeters, J. 46164
Jacobs, B., Zengerle, R. Reactive ion etching of sloped sidewalls for surface emitting structures using a shadow mask technique 54394
Jacobs, B. *see* Zylberszteijn, A. 26901
Jacobs, B.A.J., Duchateau, J.P.W.B. Improved high-density phase-change recording 43911
Jacobs, B.C., Franson, J.D. Quantum cryptography in free space 16712
Jacobs, C.E. *see* Finkelstein, A. 15492
Jacobs, D. *see* Basri, R. 5081
Jacobs, D. *see* Pizlo, Z. 57142
Jacobs, D.L. *see* Valenzuela, R.A. 34075
Jacobs, D.W. Matching 3-D models to 2-D images 46232
Jacobs, H.J. *see* Nag, P.K. 54773
Jacobs, H.R. The utilization of a mobile computing environment in undergraduate education 20591
Jacobs, I. *see* Arya, V. 58268
Jacobs, J. *see* Blanco, R. 50140
Jacobs, J. *see* Joyner, K. 22552
Jacobs, J.K. *see* Bhola, R. 39453
Jacobs, J.K. *see* Das Gupta, S. 39423
Jacobs, J.M. Artificial power markets and unintended consequences 60315
Jacobs, K. *see* Yassin, G. 48200
Jacobs, K. *see* Zwart, T. 36368
Jacobs, M. *see* McAfee, A. 40574
Jacobs, M.E., Farrington, R.W., Fasullo, G.H., Jiang, Y., Murphy, R.J., Thottuvelil, V.J., Timm, K.J. An improved high-efficiency rectifier for telecom applications 51297
Jacobs, P. On the presentation of the laws of electromagnetism 20727
Jacobs, P. *see* Bieser, F. 59307
Jacobs, P. *see* Varlan, A.R. 17563
Jacobs, R. *see* Spaepen, A. 6324
Jacobs, S.A., Refi, J.J., Fangmann, R.E. Statistical estimation of PMD coefficients for system design 48008
Jacobs, S.P., O'Sullivan, J.A., Faisal, M., Snyder, D.L. Automatic target recognition system using high resolution radar 26942
Jacobs, T., Willemsen, B.A., Sridhar, S. Quantitative analysis of nonlinear microwave surface impedance from non-Lorentzian resonances of high Q resonators 1689
Jacobs-Cook, A.J. *see* Gibbs, M.R.J. 2855
Jacobs-Perkins, D., Currie, M., Chia-Chi Wang, Williams, C.A., Donaldson, W.R., Sobolewski, R., Hsiang, T.Y. Subpicosecond imaging system based on electrooptic effect 58844
Jacobsen, C., Olofsson, L., Mahon, C., Bodtker, E. Optical polarization diversity ASK receivers in WDM applications: a theoretical and experimental study 26685
Jacobsen, C. *see* Shwehdi, M.H. 28959
Jacobsen, C.N., Wilpon, J.G. Automatic recognition of Danish natural numbers for telephone applications 15035
Jacobsen, C.N. *see* Wilpon, J.G. 14933
Jacobsen, E. Inherent power-supply-rejection scheme improves sensor system performance 31117
Jacobsen, E. The building blocks of a smart sensor for distributed control networks 36547
Jacobsen, E. Designing a homemade digital output for analog voltage output sensors 49000
Jacobsen, E. *see* Loggins, B. 31125
Jacobsen, G. *see* Zhang Xiaopin 47894
Jacobsen, G.E. *see* Smith, A.M. 49348
Jacobsen, H.J. *see* Hendon, E. 421
Jacobsen, R.H. *see* Jepsen, P.U. 14716
Jacobsen, R.H. *see* Mittleman, D.M. 58969
Jacobsen, R.L. *see* Stokes, K.L. 30981
Jacobsen, S. *see* Wagner, B. 17671
Jacobsen, S.M. Phosphors for full-color low-voltage field-emission displays 58945
Jacobsen, S.M. *see* Stoffers, C. 55415

Jacobsmeyer, J.M. Congestion relief on power-controlled CDMA networks 16589
Jacobsmeyer, J.M. Congestion relief on power-controlled CDMA networks 47603
Jacobsohn, J. *see* Hogie, K. 26080
Jacobson, C. *see* Zipp, J. 28937
Jacobson, C.A., Stankovic, A.M., Tadmor, G., Stevens, M.A. Towards a dissipativity framework for power system stabilizer design 19106
Jacobson, C.A. *see* Ahmad, G.F. 59670
Jacobson, D. *see* Vuong, H.-H. 43070
Jacobson, D.C. *see* Dutta, N.K. 48503
Jacobson, D.C. *see* Eaglesham, D.J. 31744
Jacobson, D.C. *see* Rafferty, C.S. 42410
Jacobson, D.C. *see* Weldon, M.K. 22553
Jacobson, D.M. *see* Harrison, M.R. 19366
Jacobson, J.B. *see* Gallo, R.M. 38560
Jacobson, M.D., Nunnelee, W.M. Performance evaluation of a spinning flat reflector for millimeter-wave radiometry 8439
Jacobson, M.D., Nunnelee, W.M. Design and performance of a spinning flat reflector for millimeter-wave radiometry 50063
Jacobson, R.E. *see* Ford, A.M. 36825
Jacobson, S. *see* Betts, W. 59222
Jacobson, S. *see* Kassman Rudolphi, A. 11805
Jacobson, T. *see* Meyer, M.J. 47740
Jacobson, W.J. *see* Copie, T.B. 38177
Jacobsson, H., Xiang, A.J., Herbots, N., Whaley, S., Peihua Ya, Hearne, S. Heteroepitaxial properties of $Si_{1-x-y}Ge_xC_y$ on Si(100) grown by combined ion- and molecular-beam deposition 40399
Jacobsson, H., Ye Peihua, Herbots, N., Hearne, S., Xiang, J. Microstructure and ion beam characterization of heteroepitaxial $Si_{1-x-y}Ge_xC_y$ 12311
Jacobsson, H. *see* Kimiaei, S. 7907
Jacoby, J. *see* Dubenkov, V. 18057
Jacoby, R. *see* Ellis, S.R. 17620
Jacoby, R. *see* Ellis, S.R. 48780
Jacolot, M. *see* Dufrene, C. 9051
Jacot-Descombes, A., Pun, T. Asynchronous perceptual grouping: from contours to relevant 2-D structures 57143
Jacovitti, G., Manca, A., Neri, A. Hypercomplete circular harmonic pyramids 25599
Jacovitti, G. *see* Capodiferro, L. 25608
Jacovitti, G. *see* Scarano, G. 4774
Jacovkis, P.M. *see* Savioli, G.B. 21193
Jacox, M. *see* Ramalingam, M.L. 18741
Jacquart, P., Acher, O. Permeability measurement on composites made of oriented metallic wires from 0.1 to 18 GHz 10955
Jacquelin, J. Inference of sampling on Weibull representation 30462
Jacquelin, J. Inference of sampling on Weibull parameter estimation 30463
Jacquemard, B. *see* Garvey, T. 49193
Jacquemod, G. *see* Gaffiot, F. 9885
Jacques, P. *see* Abe, K. 37234
Jacques, S.L. *see* Shao-Pow Lin 37657
Jacquet, F. *see* Amiranoff, F. 17898
Jacquet, G. *see* Jennane, R. 25180
Jacquet, G. *see* Jennane, R. 45987
Jacquet, J. *see* Genty, F. 24013
Jacquet, J. *see* Landais, P. 26746
Jacquet, J. *see* Plais, A. 44571
Jacquet, J. *see* Salet, P. 23997
Jacquet, P. Algorithmic problems in non-cabled networks 35767
Jacquet, P., Demers, Y., Chaudron, G.A., Glaude, V., Cote, A., Dube, A., Mireault, R., Robert, A., Vachon, L. Microwave probe diagnostic for the lower hybrid multijunction antenna on TdeV 36872
Jacquet, P., Minet, P., Muhlethaler, P., Rivierre, N. Priority and collision detection with active signaling – the channel access mechanism of HIPERLAN 47077
Jacquet, P., Minet, P., Muhlethaler, P., Rivierre, N. Increasing reliability in cable-free radio LANs: low level forwarding in HIPERLAN 47080
Jacquet, P., Minet, P., Muhlethaler, P., Rivierre, N. Data transfer for HIPERLAN 47081
Jacquet, P., Muhlethaler, P., Robert, P. Performant implementations of tree collision resolution with large feedback times 27170
Jacquier, B. *see* Remillieux, A. 23782
Jacquier, B. *see* Shepherd, D.P. 23808
Jacquinot, J.C. *see* Jourdan, A. 26441
Jacquot, B., Delemontey, B., De Fornel, B., Iung, C., Bavard, J. Control of induction motor drives using discrete predictive frame 61159
Jacquot, B. *see* Delemontey, B. 61131
Jacquot, C., Belchenko, Y., Bucalossi, J., Riz, D., Trainham, R. Development of multi-ampere D^- source for fusion applications 37177
Jacquot, P. *see* Colonna de Lega, X. 7654
Jacquot, R.G., Hamann, J.C., Pierre, J.W., Kubichek, R.F. Teaching digital filter design using symbolic and numeric features of MATLAB 52018
Jacunski, M.D., Shur, M.S., Owusu, A.A., Ytterdal, T., Hack, M. SPICE models for n and p channel polysilicon thin film transistors in all regimes of operation 12953
Jacyna, G. *see* Bozek-Kuzmicki, M. 25041
Jadav, D., Choudhary, A. Dynamic allocation and replication techniques for increasing the stream capacity of a media server 48220
Jadav, D., Srinilta, C., Choudhary, A. Batching and dynamic allocation techniques for increasing the stream capacity of an on-demand media server 47366
Jadav, D. *see* Srinilta, C. 47454
Jadid, S. *see* Monsef, H. 60198
Jadidian, B. *see* Safari, A. 10977
Jadoon, T.M., Harle, D.A. Policing VBR video traffic in ATM networks: a stochastic bounding interval approach 35380
Jadus, D. *see* Groves, R. 23015
Jadus, D. *see* Jeng, S.J. 22775
Jaduszliwer, B. A cesium beam atomic clock computer model 27943
Jae Beom Kim *see* Ki Hyun Yoon 2940
Jae Bong Lim *see* Jun Seok Park 41415
Jae Chang Kim *see* Ki Hyung Kang 58933
Jae Chang Kim *see* Man Tak Huh 15221
Jae Chang Kim *see* Tae Wan Choi 46177
Jae Chang Kim *see* Tae Wan Choi 57168
Jae Chang Park *see* Jung Woon Lee 50750
Jae Choon Yang *see* Min Woo Park 51544
Jae Choong Han *see* Georghiades, C.N. 46534
Jae Chung Suk *see* Suk Jae Chung
Jae Dong Shim *see* Hyun Soo Shin 54133
Jae Gark Choi, Si-Woong Lee, Seong-Dae Kim Spatio-temporal video segmentation using a joint similarity measure 56680
Jae Hee Cho, Jong Hwa Lee, Kang Chang Eon, Dae Sik Hong Neural equalizers on the digital magnetic recording channel 3203
Jae Hee Park *see* Nahm Sik Lee 59855
Jae Hee You *see* Yong Surk Lee 1233
Jae Heung Jo *see* Jong Sub Song 48962
Jae Ho Chung Abrupt scene change detection based on the temporal activity distributions 57219
Jae Ho Chung *see* Zung Kon Yim 5146
Jae Ho Chung *see* Zung Kon Yim 25367
Jae Ho Kim *see* Kyeounsoo Kim 48409
Jae Hong Han *see* Seung Hyung Lee 43547
Jae Hong Lee *see* Chaehag Yi 6535
Jae Hong Lee *see* Chaehag Yi 35965
Jae Hong Lee *see* Chanbum Park 46676
Jae Hong Lee *see* Jin Young Kim 47538
Jae Hong Lee *see* Youngkwon Cho 47535
Jae Hong Park *see* Duk Young Kim 54612
Jae Hoon Jang, Koeng Su Lim Preparation of high-quality undoped microcrystalline silicon with high deposition rate using mercury-sensitized photochemical vapor deposition method 10852
Jae Hoon Jeong, Gyu Hyeong Cho A high efficiency and wide bandwidth class D switching audio power amplifier with improved output stage and current mode control 53058
Jae Hoon Jung, Byeoung Kwon Ja, Yun Hi Lee, Jin Jang, Myung Hwan Oh Enhancement of electron emission efficiency and stability of molybdenum-tip field emitter array by diamond like carbon coating 53955
Jae Huh Young *see* Young Jae Huh
Jae Hwang Ryu *see* Jun Mo Koo 47764
Jae Hwi Shin, Byeong Gi Lee Improved LBR two-pair extraction methods for low sensitivity digital filter realizations 31394
Jae Hyun Lee *see* Jun Seok Park 41415
Jae Hyung Jang *see* Yong Hoon Kang 44757
Jae Hyung Kim *see* Cavers, J.K. 45613
Jae Jung Kim *see* Do-Heyoung Kim 12583
Jae Kim Hong *see* Hong Jae Kim
Jae Lee Hyung *see* Hyung Jae Lee
Jae Lee Su *see* Su Jae Lee
Jae Lee Sung *see* Sung Jae Lee
Jae Mook Kim *see* Byung Kwon Song 30776
Jae Mook Kim *see* Myung Soo Han 30779
Jae Mook Kim *see* Seung-Man Park 12355
Jae Mook Kim *see* Seung-Man Park 33262
Jae Shin Jang *see* Bong Dae Choi 5748
Jae Soo Yoo, Jong Duk Lee The effects of particle size and surface recombination rate on the brightness of low-voltage phosphor 33252
Jae Soo Yoo *see* Byung-Soo Jean 40491
Jae Soo Yoo *see* Sang Won Kang 58925
Jae Soo Yoo *see* Sung Hee Cho 13813
Jae Sung Lim, Chong Kwan Un Optimum block adaptive filtering algorithms using the preconditioning technique 45752
Jae Ug Jeong *see* Jong Yeoul Park 52476
Jae Ween Choe, In Kap Park The implementation and performance evaluation of the fault-tolerance for an ISDN PABX 47487
Jae Won Hahn *see* Eun Seong Lee 13986
Jae Won Hahn *see* Yong Sim Yoo 54405
Jae Won Kim *see* Seok Jin Jang 58162
Jae Yeol Rheem *see* Ki Yong Lee 56390
Jae Yoan Lee *see* Ki Nam Oh 42426
Jae Yong Lee, Chong Kwan Un Performance analysis of two fanout splitting schemes for a multicast packet switch with capacity m 35429
Jae Yong Lee *see* Do Il Chang 44627
Jae Young Kim *see* Bhum Cheol Lee 53077
Jae Young Lee, Keong Mo Sung Modification of LZSS by using structures of Hangul characters for Hangul text compression 14856
Jae-Beom Lee, Eleftheriadis, A. Spatio-temporal model-assisted compatible coding for low and very low bitrate videotelephony 57264
Jae-Bok Lee *see* Chang-Su Huh 19808
Jae-Bok Lee *see* Chang-Su Huh 23159
Jae-Chul Kim *see* Seong-Gon Kong 60973
Jae-Chul Kim *see* Yong-Han Yoon 38767
Jae-Chul Oh *see* Tae-Gyoo Lee 51667
Jae-Deuk Lee *see* Sang-Bae Kim 23908
Jae-Eon Kim, Tezuka, T., Kita, H., Nishikawa, Y. Methods of determining the introduction limits of dispersed generation systems in a distribution system from a viewpoint of voltage regulation 28880
Jae-Geun Ha, Kyuno, K., Yamamoto, R. Perpendicular magnetic anisotropy and magnetooptical properties of $(Co_{1-x}Ni_x)/Pd$ multilayers 43665
Jae-Guen Kim *see* Jong-Arm Jun 58077
Jae-Gwan Park *see* Jei-Hwan Yoo 1335
Jae-Gyeom Kim Redefined sup-min product of fuzzy subsets and join of fuzzy subgroups 52475
Jae-Gyeom Kim Some characterizations of fuzzy subgroups 52482
Jae-Gyung Ahn *see* Sang-Gi Lee 43014
Jae-Hak Lim, Jai Sang Koh On testing monotonicity of mean residual life from randomly censored data 10287
Jae-Hee Cho, Cheol-Woo You, Dae-Sik Hong The neural decision feedback equalizer for the nonlinear digital magnetic recording systems 3205
Jae-Heon Shin *see* Hyo-Hoon Park 3820
Jae-Heon Shin *see* Hyo-Hoon Park 24004
Jae-Ho Choi, Seung-Phil Lee, Hoon-Sung Kwak Motion detection and estimation for image sequence analysis using fan filtering and time-recursion method 57218
Jae-Ho Choi *see* Byoung-Jin Kim 19861
Jae-Ho Choi *see* Jeong-Ho Park 57056
Jae-Ho Choi *see* Mi-Sook Chung 57054
Jae-Ho Chung *see* Kyong-Sik Om 37627
Jae-Ho Song *see* Tae-Whan Yoo 31478
Jae-Hong Han, Kwang-Suk Suh, Sang-Joon Kim Ion permeability and physical properties of ethylene vinyl acetate copolymer/ethylene acrylic acid copolymer blends 28895
Jae-Hong Jun, Cheol-Min Park, Byung-Hyuk Min, Min-Koo Han Improvement of surface roughness at gate oxide interface and device performance in poly-Si TFT by a novel oxidation method 22874
Jae-Hong Jun *see* Cheol-Min Park 22580
Jae-Hong Jun *see* Cheol-Min Park 22799
Jae-Hong Park, Chul-Ju Kim A study on the fabrication of a multigate/multichannel polysilicon thin film transistor 54667
Jae-Hong Park *see* Dong-Kwan Shin 34547
Jae-Hoon Jang, Koeng-Su Lim Enhancement of a-Si:H solar cell characteristics by hydrogen treatment at p/i interface using photo-CVD method 39138
Jae-Hoon Jeong *see* Doh-Suk Kim 15125
Jae-Hun Jung, Taek-Kie Lee, Dong-Suk Hyun An improved snubber circuit with high efficiency and overvoltage clamping in three-level inverters 51219
Jae-Hyeong Suh, Bum-Seok Suh, Dong-Seok Hyun A new snubber circuit for high efficiency and overvoltage limitation in three-level GTO inverters 51190
Jae-Hyeong Suh, Yo-Han Lee, Bum-Seok Suh, Dong-Seok Hyun A new snubber circuit for high efficiency and overvoltage limitation in three-level GTO inverters 29378
Jae-Hyuk Do *see* Eun-Joo Ha 46596
Jae-Hyuk Oh, In-Joong Ba Missile autopilot design via functional inversion and time-scaled transformation 38147
Jae-Hyun Ju *see* Kwang-Sik Lee 2889
Jae-Hyung Kim *see* Seong-Dong Kim 2710
Jae-Hyung Lee, Woo-Chang Song, Jun-Hyun Nam, Yong-Kwan Park Effects of growth temperature on the properties of the CdTe films deposited by E-beam evaporation 51596
Jae-Ik Doh *see* Young-Hee Kim 21666
Jae-Ik Woo, Sang-Gul Lee, Dae-Gyu Moon, Yong-Min Ha, Chan-Hee Hong, Hoe-Sup Soh Control of threshold voltage on the excimer laser annealed poly-Si TFTs by oxygen plasma treatment on poly-Si surface [for AMLCD drivers] 12981
Jae-Jin Lee *see* Dong-Wook Kim 11689
Jae-Jin Lee *see* Ho-Jun Song 21676
Jae-Jin Lee *see* Sun Jin Yun 12735
Jae-Kee Jeong, Hai-Won Yang Eddy current sensor to detect zinc loss of galvanized steel wires 1748
Jae-Kee Jeong, Sung-Duck Kim, Jae-Myung Shim, Hai-Won Yang Corrosion detection and life prediction for overhead ground wires of aluminum stranded conductors steel reinforced 8916
Jae-Keol Lee *see* Byung-Seub Lee 14784
Jae-Kwan Kim *see* Hi-Deok Lee 43382
Jae-Kwan Park *see* Hyoung-Sub Kim 1357
Jae-Kyoon Kim *see* Cheul-Hee Hahm 5473
Jae-Kyung Oh *see* Yong-Kuk Lee 50123
Jae-Mook Kim *see* Kyung-Ku Choi 32112
Jae-Mun Kim *see* Duk-Heon Kim 51672
Jae-Myung Shim *see* Jae-Kee Jeong 8916
Jae-Sang Ro *see* Nam-Hoon Cho 12694
Jae-Seok Gho *see* Hon-Sung Kim 60593
Jae-Seung Lee Signal-to-noise ratio measurement of a 2.5-Gb/s spectrum-sliced incoherent light channel 26704
Jae-Sik Kim *see* Byoung-Jin Kim 19861
Jae-Sub Hyun, Kwang-Sub Yoon A study on design of analog CMOS bandwidth programmable current-mode low pass filter 41304
Jae-Sub Hyun *see* Nam-Gook Cho 1564
Jae-Suk Lee, Sang-Mo Shin, Jong-Wan Park Surface morphology variation of Pt-Al_2O_3 thin catalyst films 48733

Jae-Suk Lee *see* Jong-Wan Park 52776
Jae-Tae Seo, Han, K.S., Lee, J.H. An enhancement of pump efficiency of a Ti:sapphire tube laser with an inner spectrum converter 44411
Jae-Weon Kim *see* Doh-Suk Kim 15125
Jae-Won Cho *see* Kwang-Seong Choi 54682
Jae-Won Park Sample charging of insulators with rough surfaces during Auger electron spectroscopy analysis 33814
Jae-Wook Yoo *see* Ki-Soo Kim 17404
Jae-Woong Yi, Jun-Ho Oh Recursive resolving algorithm for multiple stereo and motion matches 46438
Jae-Yel Yi *see* Young-Jo Ko 52734
Jae-Yeul Chung, Ki-Jun Han A routing algorithm using the cluster concept in ATM networks 6389
Jae-Yong Lee *see* Ji-Ho Park 50980
Jae-Yoon Sim *see* Cheol-Hee Lee 21819
Jae-Yoon Sim *see* Young-Hee Kim 21666
Jae-Youn Park, Duck-Chool Lee Simulation of oil velocity with variation of oil path form and streaming electrification characteristics 29360
Jae-Young Choi, Ohsawa, S., Kamitani, T., Ogawa, Y., Enomoto, A., Sato, I. Bunching system of the KEKB Linac 37156
Jae-Young Gwark, In-Seon Yeo Dimming characteristics of an electronic ballast of variable power output for a compact fluorescent lamp 29869
Jae-Young Jang *see* Woohyuk Lee 11341
Jae-Young Leem, Jeong-Sik Son, Cheul-Ro Lee, Kim, C.S., Cho, Y.K., Sam Kyu Noh, Hae Sung Park, Tae Il Kim Influence of growth parameters on the crystal quality of ZnSe epilayer grown on GaAs substrate by molecular beam epitaxy 689
Jae-Young Leem *see* Cheul-Ro Lee 688
Jae-Yuel Chung *see* Jim-Hee Cho 6015
Jaegemann, A. *see* Hinsch, E. 16371
Jaegeol Yim *see* Yim Jaegeol
Jaeger, H. Pascuales will relieve Ecuador's power drought [gas turbine peaking plant] 38625
Jaeger, J.C.De *see* De Jaeger, J.C.
Jaeger, J.J. *see* Becks, K.H. 59228
Jaeger, K. The need and use of intrinsic standards in U.S. industry 17175
Jaeger, M.A. *see* Hetrick, S.J. 19482
Jaeger, M.J. *see* Kurzweg, U.H. 59089
Jaeger, R.C. *see* Cordes, R.A. 7295
Jaeger, R.C. *see* Cordes, R.A. 7318
Jaeger, R.C. *see* Joseph, A.J. 32372
Jaeger, U. *see* Blaabjerg, F. 38832
Jaeger, U. *see* Blaabjerg, F. 43038
Jaeger, U. *see* Thogersen, P. 61136
Jaegermann, W. *see* Klein, A. 42060
Jaegermann, W. *see* Loher, T. 747
Jaegermann, W. *see* Matthaus, A. 54128
Jaegermann, W. *see* Tsirlina, T. 30767
Jaeggi, D. *see* Baltes, H. 43407
Jaegle, M., Steiner, K. Gas-sensitive GaAs-MESFETs 27722
Jaegle, P. *see* MacPhee, A.G. 13967
Jaehee You, Joonho Kim A real-time high speed full search block matching motion estimation processor 58672
Jaehong Park *see* Pixley, C. 36430
Jaehoon Choi *see* Doseon Yun 34036
Jaehyung Park, Dong Yoo, Hyunsoo Yoon, Seung Ryoul Maeng, Sungbae Eun Efficient two-phase multicast algorithms in ATM switches based on multistage interconnection networks 26423
Jaehyung Park, Hyunsoo Yoon, Jung Wan Cho Novel algorithms for multicast communication in self-routing MIN-based ATM switches 57596
Jaejin Lee *see* Hyo-Hoon Park 3820
Jaekel, G. *see* Neumann, J. 24302
Jaekyun Moon *see* Brickner, B. 43698
Jaekyun Moon *see* Jin Li 32864
Jaekyun Moon *see* Younggyun Kim 7099
Jaemin Kim, Woods, J.W. Spatio-temporal adaptive 3-D Kalman filter for video 35294
Jaeong Park, Cheeha Kim, Jaiyong Lee, Eunkyung Cho, Byungmoon Jin Design and implementation of CFG generator for Estelle specification 46766
Jaerschky, R., Weinzierl, K. Development of fuel cell technology in North America 51549
Jaeseok Kim *see* Jin-Il Hyun 6653
Jaeshin Ahn *see* Ahn Jaeshin
Jaewhan Kim, Rae Jun Park, Kune Yull Suh Information needs and instrument availability for accident management: application to YGN 3&4 50749
Jaewon Chang, Chow, J.H. Time-optimal series capacitor control for damping interarea modes in interconnected power systems 50363
Jaewoo Noh Efficient second harmonic generation from a Nd:YAG laser 44695
Jaeyong Sim, Moonsik Bae Comparison of cooperative R&D arrangements among competitive firms 9963
Jafarian, B., Aghvami, A.H. Performance of multiservice dynamic reservation (MDR) TDMA for multimedia wireless networks 46573
Jafarian, B. *see* Ayo, F. 47045
Jafarkhani, H., Farvardin, N., Cheng-Chieh Lee Optimal two-dimensional spectral classification and its application in wavelet coding of images 35349
Jafarkhani, H. *see* Rezaiifar, R. 34706
Jaffari, S. *see* Turner, A.P.F. 27690
Jaffari, S.A., Pickup, J.C. Novel hexacyanoferrate (III)-modified carbon electrodes: application in miniaturized biosensors with potential for in vivo glucose sensing 7448
Jaffari, S.A., Turner, A.P.F. Novel hexacyanoferrate(III) modified graphite disc electrodes and their application in enzyme electrodes. I 36718
Jaffe, C.C. *see* Robinson, G.P. 15425
Jaffe, D. *see* Britton, C.L., Jr. 59321
Jaffres, H. *see* Postava, K. 32801
Jaffrezic, H. *see* Baccar, Z.M. 7286
Jaffrezic-Renault, N. *see* Abdelghani, A. 27606
Jaffrezic-Renault, N. *see* Baccar, Z.M. 7286
Jaffrezic-Renault, N. *see* Bouazizi, A. 27461
Jaffrezic-Renault, N. *see* Kherrat, R. 48705
Jaffrezik, H. *see* Rambaut, C. 23205
Jafrancesco, D. *see* Voegelin, M.R. 7966
Jafri, Z.H., Gillin, W.P. The Fermi level effect in III-V intermixing: the final nail in the coffin? 42113
Jagadeesan, L.J. *see* Gupta, N.K. 26066
Jagadeesh, J.M. *see* Roden, C.A. 6831
Jagadeesh Kumar, V., Biju, B.N., Koola, P.M., Ravindran, M. Microcontroller based instrumentation for control and PC based data acquisition system for a prototype wave energy plant 50815
Jagadeesh Kumar, V. *see* Selvam, C. 11618
Jagadesh Kumar, M. *see* Datta, K. 22773
Jagadish, C. *see* Clark, A. 10709
Jagadish, C. *see* Clark, A. 33117
Jagadish, C. *see* Clark, A. 40460
Jagadish, C. *see* Hark Hoe Tan 55387
Jagadish, C. *see* Korona, K.P. 12232
Jagadish, C. *see* Lalita, J. 31748
Jagadish, C. *see* Li, G. 10691
Jagadish, C. *see* Li, G. 22221
Jagadish, C. *see* Li, G. 22519
Jagadish, C. *see* Marcinkevicius, S. 12227
Jagadish, C. *see* Marcinkevicius, S. 54077
Jagadish, C. *see* Stalnionis, A. 12253
Jagadish, C. *see* Tan, H.H. 12513
Jagadish, C. *see* Yuan, S. 42136
Jagadish, U. *see* Smith, R.S. 59336
Jagannadham, K. *see* Kumar, D. 13497
Jagannadham, K. *see* Vispute, R.D. 761
Jagannadham, K. *see* Vispute, R.D. 10801
Jagannadham, K. *see* Vispute, R.D. 10809
Jagannath, S. *see* Bush, S.F. 6505
Jagannathan, B., Anderson, W.A. Interface effects on the carrier transport and photovoltaic properties of hydrogenated amorphous silicon/crystalline silicon solar cells 9551
Jagannathan, B., Anderson, W.A. Properties of sputtered amorphous silicon/crystalline silicon solar cells 38998
Jagannathan, J., Safaai-Jazi, A. Bimodal fibre coupler for spectral filtering and dispersion compensation 43975
Jagannathan, N.R. *see* Raghunathan, P. 7976
Jagannathan, R. *see* Conte, M. 18056
Jagannathan, S., Nagabhushan, P., Gowda, K.C., Rajangam, R.K. A number theory based image coding 46150
Jagar, M. *see* Tresp, C. 18307
Jagdish *see* Shukla, P.K. 23483
Jager, B., Chaussonnet, P., Ciazynski, D., Serries, J.P., Simon, R. Test facility for joints of subsize cable-in-conduit conductors for NET/ITER winding studies 38383
Jager, B.De *see* De Jager, B.
Jager, D. *see* Alles, M. 36576
Jager, D. *see* David, G. 31517
Jager, E.W.H. *see* Heideman, R.G. 27487
Jager, F., Moody, G.B., Pavlic, B., Blazina, I., Zupic, I., Mark, R.G. Characterization of temporal patterns of transient ischemic ST change episodes during ambulatory ECG monitoring 49688
Jager, F., Moody, G.B., Taddei, A., Antolic, G., Zabukovec, M., Skrjanc, M., Emdin, M., Mark, R.G. Development of a long term database for assessing the performance of transient ischemia detectors 49624
Jager, G., Kailmeyer, D., Langeneke, B., Petersen, K., Otto, K.W. The depth of value creation by electricity supply undertakings in the construction and operation of power stations 60458
Jager, G.De *see* De Jager, G.
Jager, G.J. *see* Heerschap, A. 49465
Jager, H. *see* Widmann, K. 4096
Jager, H.U. An explanation of trap-limited self-interstitial diffusion and enhanced boron clustering in boron doped silicon superlattices 42241
Jager, M., Stegeman, G.I., Flipse, M.C., Diemeer, M., Mohlmann, G. Modal dispersion phase matching over 7 mm length in overdamped polymeric channel waveguides 24075
Jager, M., Stegeman, G.I., Horsthuis, H.G., Mohlmann, G.R., Flipse, M.C. Efficient second harmonic generation in polymeric channel waveguides using modal dispersion 4035
Jager, N.de *see* de Jager, N.
Jager, N.G.De *see* De Jager, N.G.
Jager, P.W.H.de *see* de Jager, P.W.H.
Jager, R., Grabherr, M., Jung, C., Michalzik, R., Reiner, G., Weigl, B., Ebeling, K.J. 57% wallplug efficiency oxide-confined 850 nm wavelength GaAs VCSELs 33528
Jager, W. *see* Abstreiter, G. 809
Jager, W.A.G.de *see* de Jager, W.A.G.
Jager-Waldau, D. *see* Omnes, F. 9538
Jaggard, A.D. *see* Jaggard, D.L. 34103
Jaggard, D.J. *see* Savaidis, S. 45157
Jaggard, D.L., Jaggard, A.D. Polyadic Cantor superlattices with variable lacunarity 34103
Jaggard, D.L. *see* Manuar, O. 33968
Jaggard, D.L. *see* Xinzhang Wu 56092
Jaggard, D.L. *see* Xinzhang Wu 56103
Jaggi, S. *see* Cleghorn, T.F. 5209
Jagiela, K. Specialized electric-drive systems for metallurgical roller conveyers 9744
Jagiello, A.St. *see* St. Jagiello, A.
Jaglowski, A.J. *see* Kimball, B.R. 24230
Jagoda, A. *see* Dobrzanski, L. 2702
Jagomagi, K. *see* Raamat, R. 28063
Jagoszewski, E. Matrix approach for ray tracing through holographic lens 24293
Jah-Ming Hsu, Chin-Liang Wang An area-efficient VLSI architecture for decoding of Reed-Solomon codes 21784
Jahagirdar, D.R., Stewart, R.D. Faster computations for segmentation method based on cavity model 14702
Jahan, D. *see* Mircea, A. 40488
Jahangir, M., Blacknell, D. Optimum parameter estimate for K-distributed clutter using multiple moments 48063
Jahangir, M., Blacknell, D., White, R.G. Accurate approximation to the optimum parameter estimate for K-distributed clutter 16836
Jahanmir, J. *see* Bennett, J.M. 55161
Jahanpanah, J., Loudon, R. Theory of laser-amplifier injection locking 33357
Jahanzeb, A. *see* Butler, D.P. 48647
Jahanzeb, A. *see* Shan, P.C. 7335
Jahn, A. *see* Lutz, E. 6701
Jahn, E., Agrawal, N., Arbert, M., Ehrke, H.-J., Franke, D., Ludwig, R., Pieper, W., Weber, H.G., Weinert, C.M. 40 Gbit/s all-optical demultiplexing using a monolithically integrated Mach-Zehnder interferometer with semiconductor laser amplifiers 26838
Jahn, E., Agrawal, N., Pieper, W., Ehrke, H.-J., Franke, D., Weber, H.G., Furst, W. Monolithically integrated nonlinear Sagnac interferometer and its application as a 20 Gbit/s all-optical demultiplexer 36142
Jahn, H. *see* Barsch, R. 38410
Jahn, H. *see* Buchner, H. 43566
Jahn, J. *see* Juschke, A. 56120
Jahn, M. *see* Knuttgen, D. 59692
Jahn, P. *see* Bojna, I. 32811
Jahn, U. *see* Ramsteiner, M. 42219
Jahne, B., Speck, D., Weck, K.-H. 380 kV XLPE cable installation for a power station connection 38365
Jahne, R. *see* Gottfried-Gottfried, R. 13156
Jahne, R. *see* Muller, M. 17356
Jahnes, C. *see* Acosta, R.E. 38760
Jahnes, C. *see* Burghartz, J.N. 41518
Jahnes, C. *see* Rishton, S.A. 43606
Jahnke, F. *see* Kira, M. 54231
Jahns, J. *see* Lunitz, B. 23708
Jahreis, O. *see* Bischoff, M. 6822
Jai Bok Han *see* Sung Kim 50704
Jai Chul Song, Hyun Woo Kim, Sun Hyoung Kim New digital loop for tracking $\pi/4$-DQPSK signals in digital cellular radio 47759
Jai Gab Cho, Sung Soo Kang, Seung-Hun Yang Study of the Meyer-Neldel rule by stepwise-annealing of a-Si:H 22513
Jai Hyun Kim *see* Young Myoung Kim 46915
Jai Il Ryu *see* Bong Yeol Ryu 10924
Jai Sang Koh *see* Jae-Hak Lim 10287
Jai Yon Ryu *see* Hu, G.Y. 13038
Jai Yon Ryu *see* Sang Chil Lee 54189
Jai-Hoon Chung *see* Hyojeong Song 57600
Jai-Hoon Sim *see* Jei-Hwan Yoo 1335
Jai-Hoon Sim *see* Kyuchan Lee 53291
Jai-Hyuk Song, Young-June Park, Hong-Shick Min Drain current enhancement due to velocity overshoot effects and its analytic modeling 2627
Jai-Sop Hyun, Kwang Sub Yoon, Jiseung Nam A 3 V-50 MHz analog CMOS current-mode high frequency filter with a negative resistance load 21795
Jai-Yong Lee *see* Dong-Seong Park 5835
Jai-Yong Lee *see* Dong-Seong Park 5837
Jai-Young Lee *see* Yoon-Joong Yong 32678
Jaidane-Saidane, M. *see* Jebara, S.B. 45994
Jaidane-Saidane, M. *see* Sadok, M.M. 45840
Jaihie Kim *see* Byung Hwan Jun 57174
Jaihyung Won *see* Nan Jiang 42365
Jaillard, A. *see* Chapelain, D. 47911
Jaime, M. *see* Hardner, H.T. 32787
Jaime Bae Kim *see* Chen, L.T. 6315
Jaime Bae Kim *see* Oliveira, C. 6548
Jaimin Rhu *see* Iksu Choy 15504
Jain, A., Lin Hong On-line fingerprint verification 5629
Jain, A., Zongker, D. Feature selection: evaluation, application, and small sample performance 46077
Jain, A. *see* Gale, D. 11133
Jain, A. *see* Panchanathan, S. 15920
Jain, A. *see* Zongker, D. 5343
Jain, A.K., Bhattacharya, A. Designing of a ventilator disconnection and overpressure alarm 8082
Jain, A.K., Dorai, C. Practising vision: integration, evaluation and applications 56699
Jain, A.K., Ratha, N.K., Lakshmanan, S. Object detection using Gabor filters 56704
Jain, A.K. *see* Dulimaria, H.S. 25561
Jain, A.K. *see* Judd, D. 15554
Jain, A.K. *see* Karu, K. 5565
Jain, A.K. *see* Murni, A. 8549

Jain, A.K. *see* Schistad Solberg, A.H. 50031
Jain, A.K. *see* Trier, O.D. 8418
Jain, F. *see* Cheung, S.K. 31969
Jain, F. *see* Lacomb, R. 2607
Jain, F. *see* Russell, M. 24586
Jain, F.C. *see* Bao, K.X. 40470
Jain, J., Narayan, A., Coelho, C., Khatri, S.P., Sangiovanni-Vincentelli, A., Brayton, R.K., Fujitu, M. Decomposition techniques for efficient ROBDD construction 30508
Jain, J., Narayan, A., Fujita, M., Sangiovanni-Vincentelli, A. Formal verification of combinational circuits 53165
Jain, J. *see* Narayan, A. 11363
Jain, K. *see* Dunn, T.J. 22718
Jain, K.K. *see* Chaube, N. 7555
Jain, K.K. *see* Ravi Kumar, A.V. 3910
Jain, L. *see* Halgamuge, S.K. 34754
Jain, L.C. *see* Narasimhan, V.L. *(editor)* 39528
Jain, M. An (m, M) machine repair problem with spares and state dependent rates: a diffusion process approach 52340
Jain, M., Ghimire, R.P. Reliability of k-r-out-of-N:G system subject to random and common cause failure 39931
Jain, M., Hui Xia, Yin, G.Y., Merriam, A.J., Harris, S.E. Efficient nonlinear frequency conversion with maximal atomic coherence 14273
Jain, M. *see* Melkote, H. 51060
Jain, M.K., Wolf, P.D., Henriquez, C. Chilled-tip electrode radio-frequency ablation of the endocardium: a finite element study 59757
Jain, N., Cole, R., Barnard, E. Creating speaker-specific phonetic templates with a speaker-independent phonetic recognizer: implications for voice dialing 15005
Jain, N., Onne, P. For component optimization. EM simulation. II 41520
Jain, N., Onno, P. EM software aids microwave characterization 41500
Jain, N., Silvestro, J., Cendes, Z. EMC/EMI problems associated with packaging simulation 39778
Jain, N. *see* Schalkwyk, J. 15088
Jain, P., Drobnik, J. Connectorless power transfer architectures for telecommunication systems 51304
Jain, P., Jain, P., Quaicoc, J. Tertiary side resonant dc/dc converter with integrated magnetics 1121
Jain, P. *see* Daniele, M. 51216
Jain, P. *see* Jain, P. 1121
Jain, P. *see* Kaushik, N. 38818
Jain, P. *see* Kaushik, N. 51291
Jain, P. *see* Qiu, M. 50566
Jain, P.K., Tanju, M.C. A unity power factor resonant AC/DC converter for high-frequency space power distribution system 49941
Jain, P.K. *see* Ghosh, S. 1951
Jain, P.K. *see* Ghosh, S. 31711
Jain, P.K. *see* Rao, P.M. 47860
Jain, P.K. *see* Rao, S.J. 12106
Jain, P.K. *see* Rao, S.J. 22180
Jain, P.K. *see* Rao, S.J. 22182
Jain, R. Congestion control and traffic management in ATM networks: Recent advances and a survey 5968
Jain, R. Reducing traffic impacts of PCS using hierarchical user location databases 6566
Jain, R., Cosman, P. Visual computing education at UCSD 52034
Jain, R., Kalyanaraman, S., Fahmy, S., Goyal, R., Seong-Cheol Kim Source behavior for ATM ABR traffic management: an explanation 5759
Jain, R., Werth, J., Browne, J.C. A note on scheduling problems arising in satellite communications 26661
Jain, R. *see* Chien, C. 26232
Jain, R. *see* Mangione-Smith, W. 16466
Jain, R.C. *see* Kumar, S. 53447
Jain, R.K., Flood, D.J. Effects of recombination parameters in p+n indium phosphide solar cells 51575
Jain, R.K. *see* Feller, G.S. 33417
Jain, R.K. *see* Wilt, D.M. 38975
Jain, S. A comparison of stochastically ordered queues 21026
Jain, S., Johnson, M.E., Safai, F. Implementing setup optimization on the shop floor 22028
Jain, S., Khorrami, F. Robust decentralized control of power systems utilizing only swing angle measurements 51433
Jain, S. *see* Siddiqui, S.A. 52341
Jain, S. *see* Subrahmanyah, R.V. 44230
Jain, S.B., Kumar, B., Dutta Roy, S.C. Design of FIR notch filters by using Bernstein polynomials 53426
Jain, S.C., Maes, H.E., Pinardi, K. Stresses in strained GeSi stripes and quantum structures: calculation using the finite element method and determination using micro-Raman and other measurements 54142
Jain, S.C. *see* Bist, K.S. 5206
Jain, S.C. *see* Pinardi, K. 22416
Jain, S.K. Evolving existing narrowband networks towards broadband networks with IN capabilities 26290
Jain, S.K., Parhi, K.K. Efficient standard basis Reed-Solomon encoder 24804
Jain, S.K., Sharma, R. Potential of multichannel implanted underskin biotelemetry transmitter systems 18421
Jain, S.K. *see* Kuraria, R.K. 54906
Jain, S.L. Laser heterodyne system for measurement of minor constituents in the atmosphere 28614
Jain, V. *see* Ravikumar, C.P. 53183
Jain, V. *see* Sivertz, M. 37456
Jain, V.K., Ghirmai, T., Horiguchi, S. Reconfiguration and yield for TESH: a new hierarchical interconnection network for 3-D integration 21741
Jain, V.K., Lei Lin Complex-argument universal nonlinear cell for rapid prototyping 31324
Jain, V.K., Lin, L. Floating-point nonlinear DSP coprocessor cell–two cycle chip 31286
Jain, V.K., Lin, L. Floating-point nonlinear DSP coprocessor cell–two cycle chip 31337
Jain, V.K. *see* Cavanagh, M. 25750
Jain, V.K. *see* Li, H.D. 25381
Jain, V.K. *see* Singh, Y.N. 36101
Jain, V.K. *see* Skrzypkowiak, S.S. 25368
Jain Ravi *see* Ravi Jain
Jaiprakash, V.C., Thompson, B.E. Positive ion energy and flux measurements in dual frequency SF_6/O_2 plasmas 54473
Jairam, K.L. Optical power meter 59050
Jairath, R., Pant, A., Mallon, T., Withers, B., Krusell, W. Linear planarization for CMP 2387
Jaiseon Seo *see* Iksu Choy 15504
Jaisson, D. Coplanar waveguide bend with radial compensation 11638
Jaisson, D. Microstrip bandstop filter cuts spurious carrier frequencies 21886
Jaisson, D. Stripline model predicts crosstalk in rf interconnects 43233
Jaitly, N.C. *see* Schofield, G.L. 51273
Jaitly, R., Fraser, D.A. Automated 3D object recognition and dynamic library entry/update system 57241
Jaiwan Cho, Yong-Bum Lee, Nam-Ho Lee, Soon-Yong Park, Jongmin Lee, Gapchu Choi, Sunghyun Baek, Dong-Sun Park A neural net target-tracking system using structured laser patterns 46021
Jaiyong Lee *see* Jaeong Park 46766
Jaja, J. *see* Bader, D.A. 5499
Jajszczyk, A., Roszkiewicz, M. Polyhedral switching structures for ATM networks 16033
Jajszczyk, A. *see* Czarnecki, P. 35654
Jajszczyk, A. *see* Danecki, J. 5996
Jak, M.J.G., Kelder, E.M., Stuivinga, M., Schoonman, J. Dynamically compacted rechargeable ceramic lithium batteries 21377
Jak, M.J.G. *see* Chen, C.H. 21326
Jakab, L. *see* Barocsi, A. 5461
Jakabhazy, V.D. *see* Woodcock, C.E. 50030
Jakabovic, J. *see* Srnanek, R. 12339
Jakaitis, R. Panasonic repair automation tool strategy: a user's guide on VXIbus-implementation 48380
Jakel, B. Induced fault currents in power cables 19360
Jakel, G., Neumann, J., Odoulov, S., Kratzig, E. Two examples of mirrorless parametric oscillation in photorefractive barium-titanate 44734
Jakel, G. *see* Goul'kov, M.Yu. 14310
Jakeman, E., Ridley, K.D. Incomplete phase conjugation through a random-phase screen. I. Theory 4069
Jakeman, E. *see* Pitter, M. 59057
Jakeman, E. *see* Ridley, K.D. 14239
Jakeman, E. *see* Ridley, K.D. 24081
Jakimovich, V.N. *see* Tochitsky, S.Ya. 55830
Jakob, A. *see* Reidelbach, K. 59128
Jakob, C., Bradley, A. Minimising the effects of subband quantisation of the time domain aliasing cancellation filter bank 15257
Jakob, C. *see* Hulsenberg, D. 52859
Jakob, G. *see* Frey, U. 43822
Jakob, P.M., Kober, F., Haase, A. Radial BURST imaging 7987
Jakobi, N. Encoding scheme issues for open-ended artificial evolution 10377
Jakobs, K., Procter, R., Williams, R. Electronic messaging–the lifeline of the global enterprise 16211
Jakobs, K. *see* Spaniol, O. 16332
Jakobsen, C., Petersen, J.C., Bjornholm, T., Greve, D.R., Geisler, T. Quadratic electro-optical measurements of polymer films 48964
Jakobson, C.G., Nemirovsky, Y. CMOS low-noise switched charge sensitive preamplifier for CdTe and CdZnTe X-ray detectors 37512
Jakobson, M. *see* Dmitriev, V. 10796
Jakobsson, B. *see* Berg, M. 37259
Jakobsson, B. *see* Evensen, L. 59259
Jakobus, T. *see* Wang, Z.-G. 41477
Jakoby, B. Electromagnetic field behaviour at edges in general bianisotropic media 14513
Jakoby, B. Scattering of obliquely incident waves by an impedance cylinder with inhomogeneous bianisotropic coating 45112
Jakoby, B. *see* Olyslager, F. 14546
Jakoubkova, M., Bastl, Z., Fajgar, R., Pola, J. Laser induced chemical vapour deposition of polymeric films from thiophene 898
Jakovina, R. *see* Wietfeldt, R.D. 17009
Jakowatz, C.V., Jr., Wahl, D.E., Thompson, P.A. Ambiguity resolution in SAR interferometry by use of three phase centers 6936
Jakowski, N., Sardon, E., Engler, E., Jungstand, A., Klahn, D. Relationships between GPS-signal propagation errors and EISCAT observations 58250
Jaksic, A., Igic, P. Use of charge pumping for characterising interface traps during thermal annealing of irradiated power VDMOSFETs 2662
Jaksic, A. *see* Igic, P. 43051
Jaksic, A. *see* Pejovic, M. 42980
Jaksic, M. *see* Manfredotti, C. 37318
Jakubauskas, M.E., Debinski, D., Kindscher, K. Integration of multispectral and ecological data for characterizing montane meadow communities in the Greater Yellowstone Ecosystem 8559
Jakubiec, J. A complex method of systematic error correction in AD measuring chain 1527
Jakubith, S. *see* Tang, R.X. 18419
Jakubovics, J.P. *see* Newnham, S.J. 3111
Jakubowicz, A. Characterization of semiconductor laser diodes by beam injection techniques 33512
Jakubowski, A., Iniewski, K., Jurczak, M., Lukasiak, L., Zareba, A. Silicon-germanium (SiGe): new material for silicon microelectronics 54761
Jakubowski, A., Jurczak, M., Lukasiak, L. SOI (silicon-on-insulator)–materials and devices 2262
Jakubowski, A. *see* Jurczak, M. 32426
Jakumeit, J. Evolutionary algorithms for the calculation of electron distributions in Si-MOSFETs 12979
Jakusch, H. *see* Roesler, M.A. 32868
Jakusz, J. *see* Szczepanski, S. 32548
Jalade, J. *see* Patel, Y. 21493
Jalade, J. *see* Sanchez, J.-L. 51171
Jalali, B., Trinh, P.D., Yegnanarayanan, S., Coppinger, F. Guided-wave optics in silicon-on-insulator technology 3421
Jalali, B. *see* Coppinger, F. 31357
Jalali, B. *see* Coppinger, F. 58455
Jalali, B. *see* Huang, P.Y. 27575
Jalali, B. *see* Posse, V.A. 54586
Jalali, B. *see* Trinh, P.D. 13656
Jalali, B. *see* Trinh, P.D. 33089
Jalali, B. *see* Yegnanarayanan, S. 55292
Jalali, B. *see* Yegnanarayanan, S. 56213
Jalali, B. *see* Yoon, T. 40936
Jalali, S.G. *see* Rajaraman, R. 11162
Jalas, P. *see* Fazzi, A. 28047
Jalbert, J., Gilbert, R. Decomposition of transformer oils: a new approach for the determination of dissolved gases 51089
Jalbrzykowski, S. *see* Dawidziuk, J. 9400
Jaldehag, R.T.K., Johansson, J.M., Ronnang, B.O., Elosegui, P., Davis, J.L., Shapiro, I.I., Niell, A.E. Geodesy using the Swedish permanent GPS network: effects of signal scattering on estimates of relative site positions 8351
Jalderot, P. *see* Oskar van Deventer, M. 26820
Jalink, H., Frandas, A., van der Schoor, R., Bicanic, D. New photothermal cell equipped with Peltier elements for phase transition studies 7159
Jallageas, H. *see* Lemaire, D. 17746
Jallepalli, S., Bude, J., Shih, W.-K., Pinto, M.R., Maziar, C.M., Tasch, A.F., Jr. Electron and hole quantization and their impact on deep submicron silicon p- and n-MOSFET characteristics 22859
Jallepalli, S., Bude, J., Shih, W.K., Pinto, M.R., Maziar, C.M., Tasch, A.F., Jr Effects of quantization on the electrical characteristics of deep submicron p- and n-MOSFETs 2647
Jallepalli, S., Rashed, M., Shih, W.-K., Maziar, C.M., Tasch, A.F., Jr. A Monte Carlo model for hole transport in silicon 41820
Jallepalli, S., Shih, W.-K., Bude, J.D., Pinto, M.R., Maziar, C.M., Tasch, A.F., Jr. Understanding the differences in the effective-field dependence of electron and hole inversion layer mobilities 42326
Jallepalli, S. *see* Hasnat, K. 12989
Jallepalli, S. *see* Wei-Kai Shih 2689
Jallepalli, S.A. *see* Chindalore, G. 54647
Jallet, L. *see* Gasmi, A. 58109
Jallet, L. *see* Wiedmann, F. 27868
Jallet, L.P. *see* Gasmi, A. 43135
Jallice, D.E., Ahmad, A.J., Rao, G.M. The Bruno B. Rossi X-ray Timing Explorer (RXTE) battery design and performance 18727
Jalonen, J. *see* Gronlund, J. 49714
Jalonen, M., Salokatve, A. Fabrication and performance of novel monolithic GaAs/AlGaAs microvacuum transmission-mode photoemitters 41774
Jalowiecki, I. *see* Alani, A. 12038
Jalowiecki, I. *see* Gneiting, T. 32555
Jaluria, Y. *see* Lee, S.H.-K. 13611
Jamal, A.-N. *see* Slopek, R. 50811
Jamal, M., Shareefuddin, M., Chary, M.N. Ionic transport and battery characterization studies on $NaI-Na_2O-B_2O_3$ ternary glassy system 9475
Jamal, R. The future of virtual instruments to suit the users 58634
Jamal, R., Griemert, R., Illig, H. Remote measurements for process control 20966
Jamaleddine, R.S., Vinet, A., Roberge, F.A. Modeling the effects of a variable gap junction resistance in a pair of cardiac cells 49727
Jamali, M.M., Kwatra, S.C., Shetty, D.H. Module generation based VLSI implementation of a demultiplexer for satellite communications 6705
Jamali-beh, T. *see* Hongyue Liu 39147
Jamalipour, A., Katayama, M., Ogawa, A. Traffic characteristics of LEOS-based global personal communications networks 36032

Jamalipour, A., Katayama, M., Yamazato, T., Ogawa, A. Throughput performance improvement of spread-slotted ALOHA in mobile satellite communications 6616
Jamalipour, A., Katayama, M., Yamazato, T., Ogawa, A. Transmit permission control on spread ALOHA packets in LEO satellite systems 16647
Jamani, Y. *see* Freundorfer, A.P. 11728
Jamani, Y. *see* Freundorfer, A.P. 41475
Jamba, D. *see* Rajavel, R.D. 711
Jambunathan, K. *see* Liu-Sheng Wang 48873
Jambunathan, R., Singh, J. Effects of non-uniform charge injection on gain, threshold current, and linewidth enhancement factor for a 1.55 μm InP-based multiple quantum well laser 3856
Jambunathan, R. *see* Yuan, Y. 33565
Jamelot, G. *see* MacPhee, A.G. 13967
James, A. Number portability in Australia 46950
James, A.L. *see* Sandwith, C.J. 35895
James, C., Norgard, J. Use of the method of moments to find the charge densities and capacitances of a shielded twisted pair transmission line 47515
James, C.R. *see* Van Petegem, W.E.A. 45325
James, D. Obstetrics and technology 18252
James, D. Advanced series compensator using power electronic services 19328
James, D. *see* Petkov, R. 51276
James, D. *see* Recio, M. 58623
James, D.A. A system for unrestricted topic retrieval from radio news broadcasts 14916
James, D.C. *see* James, T.E. 24401
James, D.J.G. *see* Linehan, R.D. 57778
James, D.J.G. *see* Smith, C.A. 38597
James, E. *see* Sparr, L. 49910
James, E.M., Rodenburg, J.M. A method for measuring the effective source coherence in a field emission transmission electron microscope 41809
James, E.M. *see* Bleloch, A.L. 41810
James, G.C. Recurrence relations for spherical waves 14540
James, G.W. Harness testing from the automotive perspective 61301
James, H.A. *see* Hawick, K.A. 58249
James, H.G., MacDougall, J.W. Signatures of polar cap patches in ground ionosonde data 60044
James, H.V. *see* Faulkner, K. 8215
James, J.A. *see* Basheer Ahmed, S. 28991
James, J.R. *see* Bamford, L.D. 56189
James, J.R. *see* Morrow, I.L. 34355
James, P.A.B. *see* Bahaj, A.S. 4214
James, R. *see* Bauer, C. 37378
James, R. *see* Cross, E.S. 37304
James, R.A. *see* Bates, K. 38148
James, R.B. *see* Brunett, B.A. 37310
James, R.B. *see* Chen, K.-T. 37307
James, R.B. *see* Egarievwe, S.U. 59354
James, R.B. *see* Goorsky, M.S. 37301
James, R.B. *see* Lund, J.C. 37557
James, R.B. *see* McGregor, D.S. 37313
James, R.B. *see* Medlin, D.L. 37336
James, R.B. *see* Olsen, R.W. 37563
James, R.B. *see* Schieber, M. 7805
James, R.B. *see* Schlesinger, T.E. 37554
James, R.B. *see* Toney, J.E. 37317
James, R.B. *see* Van Scyoc, J.M. 7837
James, R.B. *see* Van Scyoc, J.M. 18123
James, R.B. *see* van Scyoc, J.M. 37305
James, S.W., Dockney, M.L., Tatam, R.P. Demodulation of in fibre Bragg grating sensors using volume holograms 48573
James, S.W., Lockey, R.A., Egan, D., Tatam, R.P., Elder, R.L. 3D fibre optic laser Doppler velocimetry 36638
James, S.W. *see* Egan, D.A. 48613
James, T.E. Arcing phenomena in transitioned solid armatures 24400
James, T.E., James, D.C. Optimum contact region geometry of solid armatures 24401
James, V. IPv6--the new Internet protocol 16349
James, W. *see* Anderson, D. 47611
James-Roxby, P.B. A neural network implementation for a electronic nose 27762
Jameson, D.G., Hobsley, M., O'Hanlon, P., Buckton, S. Real-time interactivity on the SuperJANET network 6300
Jameson, R.A. Self-consistent beam halo studies and halo diagnostic development in a continuous linear focusing channel 37059
Jameson, R.A. Beam losses and beam halos in accelerators for new energy sources 59123
Jameson, R.A. *see* Bondarev, B.I. 7702
Jameson, R.A. *see* Gillespie, G.H. 7714
Jameson, R.M. *see* Balcells, A. 20645
Jameson, R.M. *see* de los Santos Vidal, O. 20644
Jamet, A. A 10 GHz super-regenerative receiver 58095
Jamet, O. *see* Baillard, C. 46389
Jamet, O. *see* Huet, C. 60011
Jamid, H.A., Al-Bader, S.J. Reflection and transmission of surface plasmon mode at a step discontinuity 24536
Jamieson, L.H. *see* Mitchell, C.D. 15070
Jamieson, L.H. *see* Patel, J.N. 35068
Jamieson, L.H. *see* Ruxin Chen 15036
Jamieson, L.H. *see* Srinivasan, P. 14880
Jamieson, L.H. *see* Srinivasan, P. 24854
Jamieson, L.H. *see* Srinivasan, P. 34708
Jamil, S., Jones, R.A., McClung, L.B. Arc and flash burn hazards at various levels of an electrical system 52102
Jamil, T. Fifth-generation microprocessors 1469
Jamil, T. RAM versus CAM 53266
Jamin Sugih *see* Sugih Jamin
Jamin-Changeart, F. *see* Laurent, P. 27221
Jamison, J., Wilder, R. vBNS: the Internet fast lane for research and education 26131
Jamison, K.A., Stearns, R.E. Electrical performance of a round bore, augmented, quadrupole railgun 33898
Jamison, T.A., Carroll, E.A. Improved cross-sensor resolution enhancement for landcover products 18792
Jammy, R. *see* Foster, C.M. 40313
Jammy, R. *see* Foster, C.M. 52794
Jammy, R. *see* Iyer, A.N. 55081
Jamnejad, V. *see* Zuffada, C. 24516
Jamnicky, I. *see* Bury, P. 22451
Jamnik, J., Gaberscek, M., Pejovnik, S. Differential measurement of nonlinear electrical relaxation of lithium batteries 19948
Jamnik, J. *see* Fleig, J. 17734
Jamrogiewicz, T. *see* Kazubek, M. 28281
Jamrogiewicz, T. *see* Przelaskowski, A. 28284
Jamroz, T. *see* Trypuc, J. 48009
Jamrozik, H.A., Feeley, M.J., Voelker, G.M., Evans, J., II, Karlin, A.R., Levy, H.M., Vernon, M.K. Reducing network latency using subpages in a global memory environment 5943
Jamsa, S. Thermal emission from rough terrain: anisotropy and its possible consequences on satellite image interpretation 8374
Jamshidi, M. *see* Heger, A.S. 29024
Jan, C. *see* Bohr, M. 41067
Jan, G.J. *see* Chen, Y.H. 42957
Jan, H.-J., Kouvatsos, D., Fretwell, R. Entropy as a characterization of correlated traffic 35417
Jan, R.-H. *see* Wu, K.-R. 47301
Jan, W.Y. *see* Chan, K.K. 32996
Jan, W.Y. *see* Collins, B.C. 33447
Jan, W.Y. *see* Cunningham, J.E. 33116
Jan, W.Y. *see* Krishnamoorthy, A.V. 33185
Jan, W.Y. *see* Lentine, A.L. 3660
Jan, W.Y. *see* Lentine, A.L. 33316
Jan, W.Y. *see* Rolston, D.R. 3662
Jan, W.Y. *see* Rolston, D.R. 33325
Jan, W.Y. *see* Tsuda, S. 33404
Jan, W.Y. *see* Tsuda, S. 55905
Jan Ea-Ee *see* Ea-Ee Jan
Jan Jinn-Ke *see* Jinn-Ke Jan
Jan Shiun-Chi *see* Shiun-Chi Jan
Jan Yu-Heng *see* Yu-Heng Jan
Jan-Ming Ho *see* Meng-Huang Lee 58589
Jan-Ming Ho *see* Sun, Y.S. 57826
Jan-Shing Su, Wei-Chou Hsu, Dong-Tsuen Lin, Wei Lin, Hung-Pin Shiao, Yu-Shyan Lin, Jean-Zen Huang, Piin-Jye Chou High-breakdown voltage $Al_{0.66}In_{0.34}As_{0.85}Sb_{0.15}/In_{0.75}Ga_{0.25}As/InP$ heterostructure field-effect transistors 2701
Jan-Shing Su, Wei-Chou Hsu, Yu-Shyan Lin, Wei Lin Controllable drain cut-in voltage with strong negative differential resistance in GaAs/InGaAs real-space transfer heterostructure 42051
Jana, A. *see* Mukhopadhyay, S. 33187
Janah, H. *see* Hourouebie, P. 32720
Janah, H. *see* Marsaco, D. 43436
Janah, H. *see* Vallayer, B. 13272
Janakiram, M. Cycle time reduction at Motorola's ACT fab 32523
Janas, J.M. Extending the fault coverage of multiparty protocol conformance testing 46714
Janas, V. *see* Safari, A. 10977
Janas, V. *see* Safari, A. 10978
Janas, V.F. *see* Safari, A. 32655
Janata, J. *see* Krasopoulos, A.V. 54493
Janata, J. *see* Liess, M. 42982
Janberg, K. Storage of spent nuclear fuel in Germany 29042
Jancaitis, K. *see* Erlandson, A.C. 23841
Jancaitis, K. *see* Rotter, M.D. 23843
Jancarik, V. *see* Slama, J. 3232
Jancarik, V. *see* Slama, J. 23305
Jancauskas, J.R. Elimination of direct current distribution systems from new generating stations 28970
Jancauskas, J.R., Kelly, D.K. Sizing DC system components: there's usually something missing 19313
Jancauskas, J.R. *see* Kelly, D.K. 19363
Janchen, H., Endelema, D., Kaiser, N., Flory, F. Guided modes measurements on optical thin films with high structural induced anisotropy 7638
Jancic, R.M. *see* Aleksic, R.R. 13583
Jancu, J.-M. *see* Bertho, D. 22313
Janczewska, E. Radiocommunications in Polish Telecom 16169
Janda, Z., Jankovic, M., Ninkovic, P. The charge-mode control of the constant frequency power converters 19873
Jander, A. *see* Glavinas, E. 43693
Jander, M. Welcome to the revolution [WWW-based network management] 16177
Jander, M. Mission control meets mission critical 46906
Jander, M. *see* Heywood, P. 46884
Jander, R.B. *see* Christodoulides, D.N. 16707
Jandra, Z. *see* Jankovic, M. 9382
Janecke, M. *see* Hoffmann, F. 61137
Janee, H.S. *see* Andre, M.P. 37726
Janelidze, R. *see* Jishiashvili, D. 54281
Janes, C.C. The impact of telemetry on radio astronomy 7026
Janes, D.B. *see* Melloch, M.R. 10695
Janes, D.B. *see* Ng, T.-B. 12725
Janes, G.M. *see* Wei Lin 58536
Janett, A. *see* Coninckx, F. 28477
Janev, R.K. *see* Celiberto, R. 37174
Jang, B.-T. *see* Lee, S.-H. 1410
Jang, B.W.-L. *see* Yamamoto, T. 38108
Jang, C.S., Un, C.K. A new parameter smoothing method in the hybrid TDNN/HMM architecture for speech recognition 4612
Jang, D.-J., Olesberg, J.T., Flatte, M.E., Boggess, T.F., Hasenberg, T.C. Hot carrier dynamics in a (GaInSb/InAs)/GaInAlAsSb superlattice multiple quantum well measured with mid-wave infrared, subpicosecond photoluminescence upconversion 42133
Jang, E.S., Heesung Kwon, Lin-Cheng Wang, Rizvi, S.A., Nasrabadi, N.M. Segmentation based wavelet coding of digital images 25359
Jang, G.H., Yoon, J.W., Park, N.Y., Jang, S.M. Torque and unbalanced magnetic force in a rotational unsymmetric brushless DC motors 9260
Jang, G.H. *see* Oh, J.S. 51267
Jang, H.G. *see* Koh, S.K. 7775
Jang, H.M. *see* Kang, W.S. 27642
Jang, J. *see* Jung, J.H. 41781
Jang, J. *see* Lim, H.J. 31794
Jang, J.-S., Shin, D.-H. Parallel optical feature extraction using rotationally multiplexed holograms 24307
Jang, J.-S. *see* Park, J.-S. 24306
Jang, J.E. *see* Kim, J.M. 58930
Jang, J.H., Shin, S.K., Kim, H., Lee, K.S., Park, K.J., Chung, Y.C. A cold-start WDM system using a synchronized etalon filter 36133
Jang, K.H. *see* Choi, H.S. 10909
Jang, K.W. *see* Yocom, P.N. 17704
Jang, O.-B. *see* Lee, J.-H. 15652
Jang, S.-L., Hu, M.-C., Liu, S.-S., Chen, Y.-S. A simple, analytical and complete deep-submicrometer fully depleted silicon-on-insulator metal-oxide-semiconductor field-effect-transistor model considering velocity overshoot 54561
Jang, S.D. *see* Oh, J.S. 51267
Jang, S.H. *see* Kim, J.W. 47462
Jang, S.M., Jeong, Y.H., Lee, H.G., Seo, J.H., Jeong, H.G., Kim, B.S., Park, Y.T. Dynamic characteristics of the LIM driven by a VVVF inverter under various operation pattern 9275
Jang, S.M. *see* Jang, G.H. 9260
Jang, S.S. *see* Ahmed-Zaid, S. 50346
Jang, Z.B. *see* Zhou, S.Q. 28564
Jang Dae-Sik *see* Dae-Sik Jang
Jang Do-Hyun *see* Do-Hyun Jang
Jang Dong Hoon *see* Dong Hoon Jang
Jang Gyu Lee *see* Chansik Park 17003
Jang Gyu Lee *see* Dohyoung Chung 8258
Jang Gyu Lee *see* Dohyoung Chung 37965
Jang Gyu Lee *see* Seong-Taek Park 6888
Jang Gyu Lee *see* Seong-Taek Park 48043
Jang Gyu Lee *see* Taesam Kang 10235
Jang Gyu Lee *see* Lee Jang Gyu
Jang Ho Chun, Kwang Chul Son, Keuk Hwan Ra Electrochemical spike oscillations at the Ni electrode interface 60982
Jang Hong Gui *see* Hong Gui Jang
Jang Hong-Gui *see* Hong-Gui Jang
Jang Hoon Yoo *see* Chul Woo Lee 43910
Jang Jae Hoon *see* Jae Hoon Jang
Jang Jae Hyung *see* Jae Hyung Jang
Jang Jae Shin *see* Jae Shin Jang
Jang Jae-Hoon *see* Jae-Hoon Jang
Jang Jae-Young *see* Jae-Young Jang
Jang Jeong-Hun *see* Jeong-Hun Jang
Jang Jeong-Tae *see* Jeong-Tae Jang
Jang Jin *see* Jin Jang
Jang Keun Bae *see* Cheol Su Kim 3506
Jang Keun Bae *see* Cheol Su Kim 55174
Jang Ki Sang *see* Ki Sang Jang
Jang Ki-Wan *see* Ki-Wan Jang
Jang Kyung-Hoon *see* Kyung-Hoon Jang
Jang Kyung-Wook *see* Kyung-Wook Jang
Jang Lain-Wen *see* Lain-Wen Jang
Jang Lak Hyun *see* Lak Hyun Jang
Jang Lee-Chae *see* Lee-Chae Jang
Jang Min Su *see* Min Su Jang
Jang Min-Seok *see* Min-Seok Jang
Jang Ming-Jyi *see* Ming-Jyi Jang
Jang Mok-Soon *see* Mok-Soon Jang
Jang Park Mann *see* Mann Jang Park
Jang Rihong *see* He Youping 13536
Jang Se-Ang *see* Se-Ang Jang
Jang Se-Aug *see* Se-Aug Jang
Jang Sei-Joo *see* Sei-Joo Jang
Jang Seok Jin *see* Seok Jin Jang
Jang Seok-Myeong *see* Seok-Myeong Jang
Jang Sheng-Lyang *see* Sheng-Lyang Jang
Jang Soon Hwa *see* Soon Hwa Jang
Jang Surk-Woo *see* Surk-Woo Jang
Jang Won Choi *see* Dong Jung Kang 21025
Jang Won Ick *see* Won Ick Jang
Jang Won Kweon *see* Won Kweon Jang
Jang Won-Kweon *see* Won-Kweon Jang
Jang Wook-Jin *see* Wook-Jin Jang
Jang Yong Deok *see* Yong Deok Jang
Jang Yun-Seok *see* Yun-Seok Jang

Jang-Cheng Hsieh *see* Kan-Yuan Lee 54290
Jang-Cheol Seo, Tae-Hyun Kim, Jong-Keun Park, Seung-Ill Moon, Byung-Moon Han An LQG based discrete-time PSS and TCSC supplementary controller design for controlling the SSR in the flexible AC transmission systems 60351
Jang-Gyu Lee *see* Yeon-Soek Lee 21048
Jang-Ho Chung *see* In-Gil Park 43423
Jang-Hun Yeh, Kostuk, R.K., Kun-Yii Tu Hybrid free-space optical bus system for board-to-board interconnections 13752
Jang-Hyun Park, Bo-Gwan Kim Logic synthesis for TLU-type FPGA 41052
Jang-Hyun Park, Yea-Chul Rho Performance test of Viterbi decoder for wideband CDMA system 46674
Jang-Joo Kim, Sang-Don Jung, Wol-Yon Hwang Molecular conformation and application of stereoregular PMMA Langmuir-Blodgett films 12003
Jang-Joo Kim *see* Heuk Park 23582
Jang-Joo Kim *see* Min-Cheol Oh 33131
Jang-Joo Kim *see* Min-Cheol Oh 44025
Jang-Mok Kim, Seung-Ki Sul Speed control of interior permanent magnet synchronous motor drive for the flux weakening operation 39263
Jang-Mok Kim *see* Jong-Hwan Song 50936
Jang-Ping Sheu *see* Tzung-Shi Chen 58537
Jang-Rae Kim *see* Jin-Ki Kim 1402
Jang-Rae Kim *see* Jin-Ki Kim 53294
Jang-Sung Chun, Hyun-Kyo Jung, Joong-Suk Yoon Shape optimization of closed slot type permanent magnet motors for cogging torque reduction using evolution strategy 50915
Jang-Sung Chun, Min-Kyu Kim, Hyun-Kyo Jung, Sun-Ki Hong Shape optimization of electromagnetic devices using immune algorithm 44991
Jang-Sung Chun *see* Dong-Joon Sim 50954
Jang-Sung Chun *see* Sun-Ki Hong 43609
Jangid, D.R. Trajectory of left ventricular true endocardial edge on ECG-gated planar myocardial perfusion scintigraphy: geometric and kinematic implications in nuclear cardiac imaging 18244
Jangseok Ma *see* Slobodchikov, E. 3783
Jangwoo Kwon, Donghoon Lee, Sangmin Lee, Naghwan Kim, Seunghong Hong EMG signals recognition for continuous prosthetic arm control purpose 59803
Jangwoo Kwon *see* Jungsun Park 14952
Jani, B.El *see* El Jani, B.
Jani, M.G., Barnes, N.P., Murray, K.E., Hart, D.W., Quarles, G.J., Castillo, V.K. Diode-pumped $Ho:Tm:LuLiF_4$ laser at room temperature 14069
Janicke, L., Kost, A., Merte, R., Nakata, T., Takahashi, N., Fujiwara, K., Muramatsu, K. Numerical modeling for anisotropic magnetic media including saturation effects 43612
Janiesch, R.E. *see* Stein, P.J. 18911
Janietz, S. *see* Wedel, A. 55460
Janik, D. Microcalorimeter for 3.5 mm 50 Ω coaxial transmission line 27301
Janik, E. *see* Szuszkiewicz, W. 22242
Janik, J.F. *see* Wells, R.L. 54094
Janik, R. *see* Saro, S. 37275
Janin, Y. *see* Feuillard, G. 32772
Janiszewski, J., Zalucki, Z. Photographic study of discharge development and high-current arc modes in vacuum 23201
Janiszewski, J. *see* Zalucki, Z. 54957
Janiszewski, P. Simulation of harmonics generated by inverter locomotive fed from 3 kV DC system 51802
Jank, G. *see* Freiling, G. 10244
Janke, B. *see* Wurfl, J. 43343
Janko, B. *see* Diamond, S. 42797
Jankov, V. Estimation of the maximal voltage induced on an overhead line due to the nearby lightning 38384
Jankovic, M., Ghosh, B.K. Multistage nonlinear observer with application to vision based estimation 15699
Jankovic, M., Ninkovic, P., Jandra, Z. A novel approach to current-mode control of the constant frequency power converters 9382
Jankovic, M. *see* Janda, Z. 19873
Jankovic, M.V. *see* Bebic, J.Z. 51331
Jankovic, N.D. *see* Karamarkovic, J.P. 32349
Jankowiak, A., Piel, C., Weis, T. Present and future performance of the DELTA injector linac 49124
Jankowski, C.R., Jr., Quatieri, T.F., Reynolds, D.A. Fine structure features for speaker identification 15087
Jankowski, D.J. *see* Allison, W.W.M. 37269
Jankowski, J., Staniszewska, M.A., Bednarek, A. Patient doses from various X-ray units in Poland 28464
Jankowski, J. *see* Matusiak, M. 28174
Jankowski, J. *see* Nawarycz, T. 59614
Jankowski, M.W., Kulig, M.J., Strupczewski, A., Balabanov, E.D. Selected safety aspects of containments for nuclear power plants with WWER-440 reactors 29030
Jankowski, S. *see* Lozowski, A. 35098
Janky, P. *see* Kelemen, A. 51432
Janne-Wha Wu *see* Chun-Yi Chai 54253
Jannelli, E. *see* Cicconardi, S.P. 50870
Jannink, J. *see* Lam, D. 47728
Jannson, T. *see* Fu, J. 33114
Jannson, T. *see* Kaminski, R.L. 16771
Jannson, T. *see* Kostrzewski, A. 44311
Janocha, H., Jendritza, D.J., Scheer, P. Smart actuators with piezoelectric materials 13368
Janocha, H., Rech, B., Bolter, R. Practice-relevant aspects of constructing ER fluid actuators 9464
Janos, M., Canning, J., Sceats, M.G. Incoherent scattering losses in optical fiber Bragg gratings 13589
Janos, M., Minasian, R.A. Measurement of pump-induced refractive index changes in erbium-doped optical fibre 23800
Janos, M. *see* Arkwright, J. 24085
Janosi, F. *see* Ban, G. 27845
Janoska, M.A. *see* Wong, P.S. 50663
Janot-Giorgetti, M.T. *see* Rusu, A. 9870
Janout, Z. *see* Ball, J. 18071
Janout, Z. *see* Vylov, T. 7833
Janovsky, I. *see* Onori, S. 28476
Janovsky, L.S., Mitin, M.B., Antonov, A.N., Abashina, L.W. Thermophysical problems of the application freezing fuels for the aircraft gas-turbine engines (AGTE) 18744
Janq-Yan Lin *see* Lin Janq-Yan
Janse, A. *see* Noordegraaf, A.V. 49717
Janse van Rensburg, P.A., van Wyk, J.D., Ferreira, J.A. Design and construction of a generic multi-kVA planar integrated LCT for a family of series resonant converters 38846
Jansen, A.N., Orazem, M.E. Optically stimulated deep-level impedance spectroscopy–application to an n-GaAs Schottky diode 42914
Jansen, A.N., Wojcik, P.T., Agarwal, P., Orazem, M.E. Thermally stimulated deep-level impedance spectroscopy–application to an n-GaAs Schottky diode 42913
Jansen, C., Lypsch, F., Lizana, P., Philippen, P.W. Proton-beam window design for a transmutation facility operating with a liquid lead target 7760
Jansen, C.J.A., Van der Vlist, P. Message encipherment with minimal expansion and redundancy–doing better than ISO-10126 24651
Jansen, D. *see* Fuhrer, A. 9864
Jansen, E. *see* Brown, S.B. 43370
Jansen, E.D. *see* Frenz, M. 18504
Jansen, E.J. *see* Spiekman, L.H. 24027
Jansen, E.J. *see* Spiekman, L.H. 26430
Jansen, E.J. *see* Tiemeijer, L.F. 6720
Jansen, E.J. *see* Tiemeijer, L.F. 16748
Jansen, E.J. *see* Tiemeijer, L.F. 23911
Jansen, E.J. *see* Tiemeijer, L.F. 33543
Jansen, E.J. *see* van Dam, C. 26931
Jansen, H., De Boer, M., Wiegerink, R., Tas, N., Smulders, E., Neagu, C., Elwenspoek, M. RIE lag in high aspect ratio trench etching of silicon 42495
Jansen, H. *see* de Bree, H.-E. 13166
Jansen, H. *see* Tas, N. 23035
Jansen, H. *see* Zeininger, H. 39948
Jansen, J.T.M. *see* Klein, R. 59848
Jansen, J.T.M. *see* Raaijmakers, C.P.J. 8109
Jansen, K., Scheffler, P., Woeginger, G. The disjoint cliques problem 52498
Jansen, K. *see* Carlson, D.E. 39124
Jansen, M., Malfait, M., Bultheel, A. Generalized cross validation for wavelet thresholding 56708
Jansen, M. *see* Mawst, L.J. 44551
Jansen, M. *see* Mawst, L.J. 44565
Jansen, M. *see* Wade, J.K. 23941
Jansen, M. *see* Wade, J.K. 55707
Jansen, P.L., Corley, M.J., Lorenz, R.D. Flux, position, and velocity estimation in AC machines at zero and low speed via tracking of high frequency saliencies 60695
Jansen, P.L., Lorenz, R.D. Transducerless field orientation concepts employing saturation-induced saliencies in induction machines 29306
Jansen, R.H. *see* Engels, M. 31518
Jansen, W., Kirchner, C. ONEST; concept of a real time SAR/MTI processor 27027
Jansen, W.J. *see* ter Brugge, M.H. 35104
Jansen van Doorn, A.K., van Exter, M.P., Travagnin, M., Woerdman, J.P. Polarization behavior of surface-emitting semiconductor lasers in an axial magnetic field 14171
Jansen van Doorn, A.K., van Exter, M.P., Woerdman, J.P. Tailoring the birefringence in a vertical-cavity semiconductor laser 14114
Janson, S.D. *see* Goggin, S.D.D. 28062
Janssen, A.J.E.M. *see* Braun, V. 14851
Janssen, D., Stein, P. vom A low emittance cw-electron injector for the ELBE accelerator 17921
Janssen, G. *see* Auer, U. 53681
Janssen, G. *see* Bertenburg, R.M. 53047
Janssen, G. *see* Umbach, A. 3650
Janssen, G. *see* Umbach, A. 6867
Janssen, G. *see* Velling, P. 53476
Janssen, G.C.A.M. *see* Jongste, J.F. 40647
Janssen, G.C.A.M. *see* Lokker, J.P. 42728
Janssen, G.C.A.M. *see* Lokker, J.P. 42789
Janssen, J.D. *see* Bouten, C.V.C. 37605
Janssen, J.D. *see* Bouten, C.V.C. 49397
Janssen, M. *see* Dorfi, H.R. 11010
Janssen, P., Konovalov, V., Muravski, A., Yakovenko, S. Fast responding liquid crystal light valve technology for color sequential display applications 13737
Janssen, P. *see* Franken, L.J.N. 5950
Janssen, P.J.M. *see* de Graaf, C. 41160
Janssen, R.D.T., Vossepoel, A.M. Adaptive vectorization of line drawing images 35168
Janssen, W.J.G.D. *see* van Mullem, C.J. 27312
Janssens, E. Mastertool: a new era in phototooling 11913
Janssens, E., Kastelein, D., Brouwer, W., Kockelmans, M. Service creation in a multi-vendor IN 26298
Janssens, E.G., Schoute, F.C. Analysis of storage and retrieval policies for ATM buffers 5795
Janssens, G.K. The quasi-random input queueing system with repeated attempts as a model for a collision-avoidance star local area network 47050
Janssens, S. *see* Nachtergaele, L. 35065
Jansson, C. A high-resolution, compact, and low-power ADC suitable for multi-channel implementation: measurements and methods of self-calibration 1519
Jansson, C. *see* Liddiard, K.C. 17491
Jansson, C. *see* Ringh, U. 17468
Jansson, K. *see* Andreasson, M. 47255
Jansson, P.A. *(editor)* Deconvolution of images and spectra. Second edition 23
Jansson, R. *see* Demounem, L. 47276
Jansson, T., Almqvist, M., Strahlen, K., Eriksson, R., Sparr, G., Persson, H.W., Lindstrom, K. Ultrasound Doppler vector tomography measurements of directional blood flow 49558
Jansson, U. *see* Carlier, E. 49074
Jansson, U. *see* Ducimetiere, L. 51409
Jansson, U. *see* McGinnis, S. 30910
Jansson, U. *see* Mayer, M. 18060
Jantsch, A. *see* Lazraq, T. 35451
Jantsch, M. *see* Ossenbrink, H. 50835
Jantsch, U. *see* Rohland, B. 51511
Jantsch, W., Przybylinska, H. Erbium in silicon: possible light source for 1.5 μm and challenge for defect physics 13806
Jantti, V. *see* Hartikainen, K. 59620
Jantzen, K.R. *see* Tsuo, Y.S. 39205
Jantzi, S. *see* Swaminathan, A. 53362
Janulewicz, K.A. *see* Healy, S.B. 3703
Janus, A. *see* Kokas, J. 1809
Januskevicius, R. *see* Vaicikauskas, V. 55759
Januszajtis, A. *see* Adamczewski, I. 23118
Januszewski, S., Kociszewska-Szczerbik, M., Swiatek, H., Swiatek, G. Causes and mechanisms of semiconductor device failures in power converter service conditions 51170
Januszewski, S., Swiatek, H., Zymmer, K. Consequences of internal short-circuits in very high power converters 9386
Januszko, A., Miniewicz, A. Self-diffraction studies in a-Se-nematic liquid crystal cell 24295
Januszko, A. *see* Bartkiewicz, S. 14429
Janwa, H., Lal, A.K. On the generalized Hamming weights of cyclic codes 24738
Jany, C., Foulon, F., Bergonzo, P., Brambilla, A., Gicquel, A., Pochet, T. Influence of CVD diamond film textures on the electrical response of radiation detectors 31767
Jany, C. *see* Brambilla, A. 37910
Jany, C. *see* Foulon, F. 36560
Janz, S. Second-harmonic generation in semiconductors: devices and diagnostics 54238
Janzen, E. *see* Hallin, C. 54261
Janzen, E. *see* Hultman, L. 696
Janzen, E. *see* Konstantinov, A.O. 748
Janzen, E. *see* Marinova, Ts. 2221
Janzen, E. *see* Owman, F. 12771
Janzen, E. *see* Raback, P. 52590
Janzen, E. *see* Son, N.T. 31889
Janzen, E. *see* Son, N.T. 42015
Janzen, N., Rammig, F.J. A slow motion engine for the analysis of FPGA-based prototypes 11425
Janzon, B.S.G. Improving the technology for humanitarian demining 8589
Janzura, M. Image processing, Markov chain approach 5277
Jao Zhixian, Cai Keli, Wang Quanshu, Pan Jing GaInP/GaAs HBT with high current cut-off frequency 53619
Jaouen, M. *see* Indrea, E. 2094
Jaouen, M. *see* Indrea, E. 41947
Jappinen, J. *see* Keskinen, E. 9181
Jaque, F. *see* Munoz, J.A. 44215
Jaquez, E.J., Alford, T.L., Theodore, N.D., Adams, D., Jian Li, Russell, S.W., Anders, S. Low temperature oxidation of silicon after copper ion implantation 54390
Jaquez, E.J., Bair, A.E., Alford, T.L. Cu enhanced oxidation of SiGe and SiGeC 32194
Jar-Ferr Yang, Hsien-Tsai Wu Gerschgorin radii based source number detection for closely spaced signals 25193
Jar-Ferr Yang *see* Hsien-Tsai Wu 15153
Jar-Ferr Yang *see* Shih-Chang Hsia 17065
Jar-Shone Ker, Yau-Hwang Kuo, Bin-Da Liu Design of a color reproduction neural network chip with on-chip learning capability 53347
Jaraiz, M. *see* Caturla, M.-J. 12662
Jaraiz, M. *see* Marques, L.A. 32163
Jaraiz, M. *see* Pelaz, L. 54359
Jaramillo, P.D., Wu, F.H., Knittle, C.D., Beach, R.W. Implementation and performance issues from a voice activated network control trial 46973
Jardin, C. *see* Bigarre, J. 23253
Jardin, C. *see* Bouslama, M. 22311
Jardin, C. *see* Moya-Gontier, E.G. 32627
Jardine, A.K.S., Fan Zhang, Hong Yan Enhancing system reliability through maintenance decision making 20994
Jardine, P.A. *see* Tarte, B.J. 37860

Jardino, M. Multilingual stochastic n-gram class language models 14887
Jared, G. *see* Colyer, B. 44984
Jared, R.C. *see* Betts, W. 59222
Jareli, R.P. *see* van Wechel, R.J. 16998
Jarem, J. *see* Mobley, S.B. 28519
Jarem, J.M. Rigorous coupled wave theory solution of Φ-periodic circular cylindrical dielectric systems 34007
Jarem, J.M. *see* Banerjee, P.P. 14311
Jarem, J.M. *see* Banerjee, P.P. 14344
Jargon, J.A., Marks, R.B. Two-tier multiline TRL for calibration of low-cost network analyzers 17162
Jarmo, A., Olavi, K., Pentti, M., Virpi, S., Ari, V. A drive assistant for a wheelchair 49806
Jarmolik, A., Vandeputte, K., Van Hove, A., Van Daele, P. Effective coupling from semiconductor lasers to single mode fibers 55200
Jarmuszewski, P. *see* Lizhong Zhu 41290
Jarnagin, R.C. *see* Hanlin Wang 24149
Jaros, J. *see* Abe, K. 59233
Jaros, M., Shaw, M.J. Quantitative theory of enhancement and optimisation of optical nonlinearities in semiconductor quantum wells and superlattices 54239
Jaros, M. *see* Corbin, E. 2113
Jaros, M. *see* Turton, R.J. 12376
Jarosch, U. *see* Hertzler, C. 13934
Jaroshevich, A.S. *see* Bolkhovityanov, Yu.B. 12277
Jaroshevich, A.S. *see* Drescher, P. 12069
Jarosik, N. *see* Wollack, E.J. 48199
Jarosik, N.C. *see* Staggs, S.T. 27124
Jarosz, G., Godlewski, J. Photoenhanced current in molecular materials: the influence of energy dependence of exciton-charge carrier detrapping 55395
Jaroszewicz, L.R. *see* Stankiewicz, A. 35096
Jaroszewicz, L.R. *see* Walczak, A. 48965
Jaroszewicz, Z., Kolodziejczyk, A., Sypek, M., Gomez-Reino, C. Single and crossed antisymmetric focal segments for alignment purposes 13780
Jaroszynski, D.A., Chaix, P., Piovella, N., Oepts, D., Knippels, G.M.H., Van Der Meer, A.F.G., Weits, H.H. Superradiance in a short-pulse free-electron-laser oscillator 44590
Jaroszynski, D.A. *see* Prazeres, R. 44591
Jaroszynski, J., Wrobel, J., Sawicki, M., Skoskiewicz, T., Karczewski, G., Wojtowicz, T., Kossut, J., Dietl, T., Kaminska, E., Papis, E., Piotrowska, A., Dus, E., Nowakowski, R. Dimensional crossovers in magnetoresistance of submicron films and wires of CdTe:In 12438
Jaroszynski, J. *see* Brunthaler, G. 2204
Jaroszynski, J. *see* Dietl, T. 2203
Jarratt, J.D. *see* Barnard, J.A. 3044
Jarray, K. *see* Loukil, I. 9208
Jarrett, B. *see* Long, D.G. 19002
Jarrett, C.D. A new day begins as sun sets on telecom tariffs 57705
Jarrett, D.G. Automated guarded bridge for calibration of multimegohm standard resistors 27269
Jarrett, D.G. *see* Marshall, J.A. 17736
Jarrett, T., Unger, B. Interconnects for device ESD protection 24341
Jarrix, S., Delseny, C., Pascal, F., Lecoy, G. Noise correlation measurements in bipolar transistors. I. Theoretical expressions and extracted current spectral densities 32381
Jarrix, S. *see* Delseny, C. 32382
Jarron, P. *see* Anghinolfi, F. 59312
Jarron, P. *see* Faccio, F. 12993
Jarry, B. *see* Delmond, M. 53662
Jarry, L. *see* Elisabelar, C. 51366
Jarske, P. *see* Laine, H.-J. 59473
Jarske, P. *see* Tchamov, N. 1184
Jarske, P. *see* Tchamov, N. 53071
Jarske, P. *see* Tchamov, N.T. 41521
Jarske, P. *see* Xing, H. 45965
Jarventausta, P., Verho, P., Karenlampi, M., Partanen, J. AI-based methods in practical fault location of medium voltage distribution feeders 50549
Jarventausta, P. *see* Verho, P. 38258
Jarvis, A., Kriaras, Y., Richards, D. Architectures for integrated fixed and mobile networks 26626
Jarvis, B. *see* Huey, K. 8253
Jarvis, D. *see* Ajmani, A. 37616
Jarvis, J.C. Electrical stimulation of skeletal muscle for cardiac assistance 28408
Jarvis, L.P., Atwater, T.B., Cygan, P.J. Hybrid fuel cell for pulse power applications 61064
Jarvis, R. Davidson's locomotive: how did he do it? 29777
Jarvis, R.A. *see* Takatsuka, M. 15696
Jarvis, S.M. *see* Lambert, D.E. 48033
Jarvis, T. *see* Hall, R.M. 12791
Jarwala, N., Rutkowski, P.W., Shianling Wu, Chi Yau Lessons learned from practical applications of BIST/B-S technology 52159
Jarwala, N. *see* Konemann, B. 2755
Jarzynski, J. *see* Caspall, J.J. 17873
Jarzynski, J. *see* Fisher, K.A. 17874
Jasek, C.A. *see* Jones, P.M. 60007
Jasinschi, R.S., Moura, J.M.F. Nonlinear editing by Generative Video 15900
Jasinski, J. Analytical approximations of hybrid fields in nonlinear Kerr media 3994
Jasinski, J. Hybrid modes in nonlinear Kerr media 55862
Jasinski, J., Liliental-Weber, Z. Recrystallization of amorphous layer in ion implanted GaAs–transmission electron microscopy studies 12638
Jasinski, J. *see* Hark Hoe Tan 55387
Jasinski, J. *see* Korona, K.P. 12232
Jasinski, J. *see* Wang, H.-H. 55432
Jasinski, M.E. *see* Soreide, F. 50202
Jasiukiewicz, Cz., Karpus, V. Electron energy relaxation rate: the influence of acoustic phonon spectrum anisotropy 12135
Jasiulewicz, S. *see* Bartosik, M. 29490
Jaskari, M. *see* Huotari, M. 27695
Jasmin, S., Enard, A., Renaud, J.-C., Vodjdani, N. High speed, high power waveguide-photodetector with distributed absorption 58355
Jasmina *see* Mathur, P.C. 54112
Jasmina, I. *see* Mehra, R.M. 54350
Jasmon, G.B. *see* Moghavvemi, M. 28869
Jasne, S.J., Sessions, H. Novel, improved encapsulants containing multifunctional crosslinking agents 30255
Jaso, M.A. *see* Gambino, J.P. 42680
Jason, A. *see* Wangler, T.P. 49188
Jason, A.J. *see* Wang, T.-S.F. 37139
Jason Cong, Lei He An efficient approach to simultaneous transistor and interconnect sizing 11092
Jason Ding Jianxun *see* Jianxun Jason Ding
Jaspan, M. *see* Pollock, C.R. 33445
Jasper, C.A. *see* Miller, L.S. 36963
Jasper, H. *see* Van den Brink, M. 2541
Jasper, J., Shiels, D. Wafer bumping supports integration and reliability in ICs 53840
Jasper, L.J., Tran, G.T. Photonic band gap (PBG) technology for antennas 56186
Jasper, L.J., Jr. *see* Funk, E.E. 58113
Jasper, W.J., Garnier, S.J., Potlapalil, H. Texture characterization and defect detection using adaptive wavelets 15966
Jaspers, M. *see* Adam, A. 37280
Jassani, R.M., Olson, C.H. The floating point unit of the PowerPC 603e microprocessor 11508
Jastrzebski, A.K. *see* Boese, I.M. 58974
Jastrzebski, A.K. *see* Callaghan, P. 21942
Jastrzebski, L. *see* Edelman, P. 44916
Jastrzebski, L. *see* Lagowski, J. 42616
Jastrzebski, L. *see* Sopori, B.L. 39020
Jaszczak, R.J. *see* Huili Wang 28229
Jaszczak, R.J. *see* Smith, M.F. 37673
Jaszewski, R.W., Schift, H., Groning, P., Margaritondo, G. Properties of thin anti-adhesive films used for the replication of microstructures in polymers 40689
Jaszezak, R.J. *see* Jianying Li 7911
Jatkar, D.D., Beker, B. Effects of package parasitics on the performance of SAW filters 1560
Jatzeck, B.M., Robinson, A.M. WATSUN-PV 4.0 modifications to include wind turbine generator, AC load shedding, and operation with zero-capacity diesel generator 19634
Jau-Ho Jean, Ruey-Ling Chang Organic distributions on the surfaces of alumina green tape 40676
Jau-Ho Lee *see* Bae, J.K.Y. 40065
Jau-Hung Chen *see* Chung Hsien Wu 34690
Jau-Hung Chen *see* Chung-Hsien Wu 14867
Jau-Hung Chen *see* Chung-Hsien Wu 45663
Jau-Sung Lee, Kuo-Shung Liu, I-Nan Lin Deposition of diamond films on SiO_2 surfaces using a high power microwave enhanced chemical vapor deposition process 30875
Jau-Wen Chen, Dae-Kaen Kim, Das, M.B. Transit-time limited high-frequency response characteristics of MSM photodetectors 7332
Jau-Wen Chen *see* Mitra, A. 7353
Jau-Yien Lee *see* Ruey-Ching Shyu 15111
Jau-Yuen Chen, Bouman, C.A., Allebach, J.P. Multiscale branch and bound image database search 57339
Jaud, J. *see* Bury, P. 37542
Jauernik, P. *see* Doerk, T. 30872
Jauffret, C., Pillon, D. Observability in passive target motion analysis 5229
Jauffret, C. *see* Gauvrit, H. 25242
Jauffret, C. *see* Le Cadre, J.E. 36268
Jauhar, S. *see* McEuen, P.L. 54185
Jauho, A.-P. Coulomb drag: a probe of electron interactions in coupled quantum wells 42242
Jauho, A.-P. *see* Rotvig, J. 32033
Jauho, A.P. *see* Wacker, A. 54226
Jaukett, R., Thomas, D.W., Seaby, A.W., Gittins, J.T. Performance characteristics of the Pantak DXT-300 kilovoltage X-ray treatment machine 8086
Jaumann, M., Stimmer, J., Schittenhelm, P., Nutzel, J.F., Abstreiter, G., Neufeld, E., Hollander, B., Buchal, C. Room temperature electroluminescence of Er-implanted silicon diodes grown by MBE 2578
Jaume, D. *see* Zhaohui Li 60570
Jaume, D. *see* Zhaohui Li 60572
Jaunart, E. *see* Van Deventer, M.O. 26850
Jaureguiberry, F. On the use of portable telephones with experience of time splitting and time acceleration 26068
Jaureguy, M., Borderies, P. Modelling and processing of ultra wide band scattering of buried targets 4246
Jaussaud, C. *see* Anghel, L. 42938
Jaussaud, C. *see* Semond, F. 2239
Jaussi, A. *see* Schett, G. 9447
Javad Omidi, M., Gulak, P.G., Pasupathy, S. Parallel structures for joint channel estimation and data detection over fading channels 35385
Javad Omidi, M., Pasupathy, S., Gulak, P.G. Joint data and Kalman estimation of fading channel using a generalized Viterbi algorithm 4724
Javanmardil, F., Matoba, M., Sakae, T., Nohtomi, A., Budiharju, S., Murohka, H. Modification of backgammon shape cathode and graded charge division readout method for a novel triple charge division centroid finding method 59285
Javanovic, L.D. A new solution of high precision wideband time-division wattmeter 27773
Javidi, B., Guanshen Zhang, Jian Li Encrypted optical memory using double-random phase encoding 43894
Javidi, B., Kippelen, B., Peyghambarian, N. Optical processing system can foil counterfeiters 7398
Javidi, B., Parchekani, F., Zhang, G. Minimum-mean-square-error filters for detecting a noisy target in background noise 15754
Javidi, B., Wang, J. Optimal filters to detect a noisy target in non-overlapping background noise 33198
Javidi, B., Wang, J. Optimum filter for detecting a target in multiplicative noise and additive noise 57137
Javidi, B. *see* Fazlollahi, A.H. 57138
Javidi, B. *see* Volodin, B.L. 4449
Javidi, B. *see* Volodin, B.L. 5540
Javniskis, L. *see* Nelson, T.R., Jr. 3934
Jaw, D.H. *see* Li, W.L. 33566
Jaw Fu-Shan *see* Fu-Shan Jaw
Jaw Gwo-Jiunn *see* Gwo-Jiunn Jaw
Jaw-Kuen Shiau, Chow, J.H., Boukarim, G. Power swing damping controller design using linear matrix inequality algorithm 8776
Jaw-Shyang Wu, Chen-Ching Liu, Kan-Lee Liou, Chu, R.F. A Petri net algorithm for scheduling of generic restoration actions 50356
Jawad, A.J., Brush, R.J.H. An optimised tracking antenna controller 36053
Jawahery, H. *see* Arisaka, K. 37239
Jawahery, H. *see* Arisaka, K. 37460
Jawarani, D. *see* Gall, M. 42757
Jawhari, T. *see* Perez-Rodriguez, A. 2081
Jaworck, A., Krupa, A., Adamiak, K. Particle trajectories and collection efficiency of submicron particles on a charged spherical collector 33851
Jaworek, A., Krupa, A. Corona discharge from a multipoint electrode in flowing air 22137
Jaworske, D.A. Apparatus to measure the reflectivity of silver and rhodium mirrors at elevated temperatures [space power solar concentrators] 18691
Jaworski, M. *see* Wroblewski, Z. 60940
Jaworski, R.K., Hawkins, J.M. Thermal runaway behaviour of VRLA batteries 51464
Jaworski, Z., Niewczas, M., Grygolec, M., Kuzmicz, W. Architecture of a testable analog fuzzy logic controller 1637
Jay, B.E. The Horizon(R) valve-regulated lead acid battery–reengineering the lead acid battery 29540
Jay, L.O., Sandu, A., Potra, F.A., Carmichael, G.R. Improved quasi-steady-state-approximation methods for atmospheric chemistry integration 40210
Jay, P.R. Good things come in small (high speed) packages 52238
Jay Cheng, Chi-Chao Chao On generalized Hamming weights of binary primitive BCH codes with minimum distance one less than a power of two 24737
Jay Kuo, C.-C. *see* Jiankun Li 56757
Jay Kuo, C.-C. *see* Jin Li 57100
Jay Kuo, C.-C. *see* Katsavounidis, I. 35299
Jay Kuo, C.-C. *see* Kim, S. 25427
Jay Kuo, C.-C. *see* Lin, L.-C. 24914
Jayachandran, P.T. *see* Rama Rao, P.V.S. 14614
Jayakumar, A., Banwell, T.C., Hacker, J.B., Kong, D.T. Integrated circuits for an experimental 10 Gb/s (SONET OC-192) self-healing ring 47942
Jayakumar, T. *see* Joseph, A. 19374
Jayakumar, T. *see* Shakshin, N.I. 40724
Jayakumar, T. *see* Subramanian, C.V. 40715
Jayam, Sr.G., Navaneethakrishnan, K. Pressure and temperature dependent carrier mobility in a quantum well wire with polaronic effects 2051
Jayamaha, U. *see* Shao, M. 9554
Jayamaha, U. *see* Shao, M. 39090
Jayamaha, U.N. *see* Compaan, A.D. 39058
Jayamaha, U.N. *see* Fischer, A. 39103
Jayan, K.M. *see* Iyer, I.S. 18070
Jayanetti, J.K.D.S. *see* Siripala, W. 32100
Jayanth, P., Mohan, R.K., Subramanian, C.K. Interferometric schemes using forward phase conjugation in a ferroelectric photorefractive crystal 44776
Jayaraj, K. *see* Noll, T.E. 1887
Jayaraj, K. *see* Noll, T.E. 45465
Jayaraj, K. *see* Noll, T.E. 52237
Jayaram, R., Raman, S., Raj, R.V., Patnaik, L.M. Petri net-based modeling of a class of complex digital systems 21559
Jayaram, S. *see* Al-Arainy, A.A. 21009
Jayaram, S. *see* Feng, R. 32606
Jayaram, S. *see* Lubicki, P. 13210
Jayaram, S. *see* Lubicki, P. 29929
Jayaram, S. *see* Lubicki, P. 51911
Jayaram, S. *see* Xin Xu 47514
Jayaram, S. *see* Xu, X. 32648
Jayaram, S. *see* Xu, X. 56064

Jayarama Reddy, P. *see* Paul Ramesh, P. 54143
Jayaraman, A., Acharya, Y.B., Chandra, H., Subbaraya, B.H., Ramachandran, S., Ramaswamy, S. Laser radar study of the middle atmosphere over Ahmedabad 28615
Jayaraman, S. *see* Kohl, P.A. 1886
Jayaraman, V., Mangamma, G., Gnanasekaran, T., Periaswami, G. Evaluation of $BaSnO_3$ and $Ba(Zr,Sn)O_3$ solid solutions as semiconductor sensor materials 27759
Jayaraman, V. *see* Babic, D.I. 24003
Jayaraman, V. *see* San-Liang Lee 14147
Jayasekara, W.P. *see* Kryder, M.H. 43676
Jayashree, P.R. *see* Sridharan, V. 39994
Jayasimha, D.N., Manivannan, D., May, J.A., Schwiebert, L., Hary, S.L. A foundation for designing deadlock-free routing algorithms in wormhole networks 16126
Jayasimha, D.N. *see* Lutz, D.R. 11267
Jayasinge, J.A.S.B. *see* Bo, Z.Q. 19420
Jayasinghe, D.A.C.C. *see* Ankiewicz, A. 13614
Jayasinghe, J.A.S.B., Aggarwal, R.K., Bo, Z.Q., Johns, A.T. A new approach to measuring fault generated high frequency noise on series compensated EHV transmission lines 19327
Jayasinghe, R.P. *see* McLaren, P.G. 19387
Jayasumana, A. *see* Tong, C. *(editor)* 20422
Jayasumana, A.P. *see* Abd-Elmalak, S.A. 58282
Jayasumana, A.P. *see* Albert, B. 47205
Jayasumana, A.P. *see* El-Bawab, T.S. 5842
Jayasumana, A.P. *see* Kuang Klark Fan 57565
Jayasumana, A.P. *see* Menon, S.M. 53192
Jayasumana, A.P. *see* Vaishnav, C. 47995
Jayasumana, A.P. *see* Werahera, P.N. 46698
Jayasuriya, A.C., Tasaka, S., Inagaki, N. Pyroelectric properties of linear aromatic polyurethanes 32616
Jayatissa, A.H., Hatanaka, Y., Nakanishi, Y., Yamaguchi, T. Low temperature fabrication of thin film transistors using microcrystalline Si deposited by cathode-type RF glow discharge 10734
Jayatissa, A.H., Yamaguchi, T., Hatanaka, Y. Optoelectronic properties of as-deposited and annealed P-doped microcrystalline Si films deposited by rf glow discharge 12208
Jayaweera, P. *see* Wachsman, E.D. 51545
Jayet, Y. *see* Saint-Pierre, N. 11006
Jayet, Y. *see* Saint-Pierre, N. 13249
Jayet, Y. *see* Zellouf, D. 11007
Jayne, D.T. *see* Arnold, W.A. 41945
Jaynes, R.I. *see* Hochman, J.M. 12087
Jaynes, R.L., Gilgenbach, R.M., Hochman, J.M., Rintamaki, J.I., Lau, Y.Y., Spencer, T.A. Relativistic electron beam dynamics in high power gyrotron devices 12086
Jaynes, R.L. *see* Hochman, J.M. 53972
Jazbinsek, V., Trontelj, Z., Oeff, M., Burghoff, M. Localization studies in patients suffering from WPW syndrome 37692
Je Hong Sung *see* Sung Je Hong
Je Jung Ho *see* Jung Ho Je
Je-Hie Lee *see* Seok-Ho Lee 51055
Je-Ho Lee *see* Hyoung-Gon Kim 1498
Je-Hsiung Lan, Kanicki, J., Catalano, A., Keane, J. An alternative transparent conducting oxide to ITO for the a-Si:H TFT-LCD applications 17686
Je-Hsiung Lan, Kanicki, J., Catalano, A., Keane, J., Den Boer, W., Gu, T. Patterning of transparent conducting oxide thin films by wet etching for a-Si:H TFT-LCDs 54412
Je-Kyun Park *see* Hee-Jin Yee 27699
Je-Myung Jeong *see* Hosung Chang 24523
Je-Myung Jeong *see* Hosung Chang 33200
Jean, C. *see* Salnick, A. 54277
Jean, F.R., Long, C.-F., Hwang, T.-H., Wang, H.-C. Two-stage bit allocation algorithm for stereo audio coder 7112
Jean Byung-Soo *see* Byung-Soo Jean
Jean Fu-Rong *see* Fu-Rong Jean
Jean Jau-Ho *see* Jau-Ho Jean
Jean Jiang *see* Li-Zhe Tan 56462
Jean Yuh-Sheng *see* Yuh-Sheng Jean
Jean-Baptiste, G. *see* Ross, M.D. 6042
Jean-Fu Kiang Propagation properties of a rectangular waveguide loaded with stratified inhomogeneous dielectrics 24528
Jean-Fu Kiang Radiation properties of circumferential slots on a coaxial cable 26459
Jean-Fu Kiang Microstrip lines on substrates with segmented or continuous permittivity profiles 41384
Jean-Jumeau, R. *see* Hsiao-Dong Chiang 1104
Jean-Ming Lee *see* Kwang-Cheng Chen 46533
Jean-Shin Wu *see* Chun-Li Hou 53066
Jean-Shin Wu *see* Chun-Li Hou 53414
Jean-Zen Huang *see* Jan-Shing Su 2701
Jeandel, G. *see* Lacroix, D. 14491
Jeandel, G. *see* Poignon, C. 2953
Jeang, A. Tolerance chart balancing for machining process planning 170
Jeang, A. An approach of tolerance design for quality improvement and cost reduction 52135
Jeanmeure, L.F.C. *see* Zimmermann, W.B.J. 35101
Jeanneret, B., Jeckelmann, B., Buhlmann, H.-J., Ilegem, M. Influence of infrared illumination on precision measurements of the integer quantum Hall effect 27244
Jeanneret, B. *see* Jeckelmann, B. 58613
Jeannerett, B. *see* Jeckelmann, B. 27219
Jeannes, F., Lugagne-Delpon, E., Tanguy, C., Oudar, J.L. Nonlinear optical and bistable properties of a wafer-fused vertical-cavity device based on InGaAsP 24109
Jeannes, F., Oudar, J.L., Azoulay, R., Ougazzaden, A. Wafer-fused vertical cavity bistable optical switch at 1.55 μm wavelength 24133
Jeannes, F., Oudar, J.L., Azoulay, R., Ougazzaden, A. Wafer-fused vertical-cavity bistable device at 1.55 μm wavelength 33667
Jeannes, R.Le Bouquin *see* Le Bouquin Jeannes, R.
Jeannin, P. *see* Fiorot, J.C. 21164
Jeannin, S. On the combination of a polynomial motion estimation with a hierarchical segmentation based video coding scheme 57278
Jeannin, S. *see* Salembier, P. 35181
Jeanrenaud, B. *see* Koudelka-Hep, M. 27693
Jebara, S.B., Jaidane-Saidane, M. Symmetric adaptive predictive structure for tracking channel nonstationarities 45994
Jebelean, T. FPGA implementation of a rational adder 11473
Jebril, A., Volts, M. PROFIBUS links up with variable speed drives 61358
Jeckelmann, B., Inglis, A.D., Jeanneret, B. Are anomalous values of the quantized Hall resistance really anomalous? 58613
Jeckelmann, B., Jeanneretl, B. Influence of the contact resistance on precision measurements of the quantum Hall effect 27219
Jeckelmann, B. *see* Jeanneret, B. 27244
Jecko, B. *see* Ariaudo, M. 44246
Jecko, B. *see* Armengaud, L. 48529
Jecko, B. *see* Bertrand, V. 34179
Jecko, B. *see* Besancon, R. 34392
Jecko, B. *see* Ghis, A. 53081
Jecko, B. *see* Nail, M. 33259
Jecko, B. *see* Page, L. 34431
Jecko, B. *see* Torres, F. 24446
Jecko, B. *see* Torres, F. 29879
Jecko, F. *see* Melon, C. 55068
Jeda, W., Petykiewicz, J., Zagorski, A. Optical bistability in $\chi^{(2)}$ nonlinear media due to cascaded process 55889
Jedlicka, R., Castillo, S.P. Electromagnetic coupling into complex cavities through narrow slot apertures having depth and losses 34108
Jedral, L.Z. *see* Koutzarov, I.P. 22585
Jedrecy, N. *see* Sauvage-Simkin, M. 2040
Jedwab, J. *see* Davis, J.A. 34562
Jee Gyu-In *see* Gyu-In Jee
Jee-Hong Kim, Allebach, J.P. Color filters for CRT-based rear projection television 17049
Jee-Won Im *see* Onuki, T. 50905
Jeehan Lee, Asada, K. A synchronous completion prediction adder (SCPA) 41102
Jeeho Jeong *see* Cheong Youn 16365
Jeen Hur *see* Mu-Gyeom Kim 17292
Jeen-Mo Yang *see* Casinovi, G. 11062
Jeenbaev, J.J., Ismailov, D.A., Akkoziev, J.A., He Ching Yu The information recording method on photothermoplastic material 44782
Jeenbaev, J.J. *see* Ismailov, D.A. 44812
Jeenbaev, J.J. *see* Ismailov, D.A. 44821
Jeff, B., Schwan, K. PARSYNTH: a case study on implementing a real-time digital audio synthesizer 7105
Jeffay, K. *see* Talley, T. 57971
Jefferies, A.L. *see* Patel, R. 7896
Jefferies, D. Developing the highways of power [National Grid Company, transmission] 50393
Jefferies, D.J. *see* Karadzinov, L.V. 2603
Jefferies, R. *see* Ashley, T. 3905
Jefferies, R. *see* Ashley, T. 44434
Jefferies, W., Wilson, D., Periard, R., Whitman, J., Srivastava, S. Operational testing of the RADARSAT Canadian Data Processing Facility 18788
Jefferson, C.M. *see* Bernal, M.-P. 14427
Jefferson, C.M. *see* Davies, T.S. 20177
Jefferson, D.C., Lichten, S.M., Young, L.E. A test of precision GPS clock synchronization 27334
Jefferson, D.C. *see* Young, L.E. 26663
Jefferson, D.C. *see* Zumberge, J.F. 60019
Jefferson, M. Nuclear power in global energy perspectives of the twenty-first century 60496
Jefferts, S. *see* Weiss, M.A. 36932
Jefferts, S.R., Weiss, M., Dilla, S., Parker, T.E. Two-way time and frequency transfer using optical fibers 27940
Jefferts, S.R., Weiss, M.A., Levine, J., Dilla, S., Parker, T.E. Two-way time transfer through SDH and SONET systems 36106
Jefferts, S.R. *see* Ascarrunz, F.G. 26664
Jefferts, S.R. *see* Ascarrunz, F.G. 27939
Jefferts, S.R. *see* Lee, W.D. 27325
Jefferts, S.R. *see* Walls, F.L. 48806
Jefferts, S.R. *see* Walls, F.L. 53038
Jefferts, S.R. *see* Weiss, M.A. 26798
Jeffery, A., Elmquist, R.E., Lee, L.H., Shields, J.Q., Dziuba, R.F. NIST comparison of the quantized Hall resistance and the realization of the SI ohm through the calculable capacitor 17147
Jeffery, A., Shields, J.Q., Lee, L.H. Conversion of a 2-terminal-pair bridge to a 4-terminal-pair bridge for increased range and precision in impedance measurements 27777
Jeffery, A. *see* Avramov-Zamurovic, S. 27251
Jeffery, A. *see* Cage, M.E. 58615
Jeffery, J.E. Impedance control of conductors acting as transmission lines in printed boards for high-frequency digital applications 53744
Jeffery, M., Perold, W., van Duzer, T. Superconducting complementary output switching logic operating at 5-10 Gb/s 3280
Jeffery, M. *see* Perold, W.J. 13503
Jeffery, P. *see* McBride, J.W. 19905
Jeffords, J. *see* Callon, R.W. 6202
Jeffrey, C., Schweyer, M.G., Vetellino, J.F. Acoustic plate mode properties of rotated Y-cut quartz 17305
Jeffrey, D.J. *see* Corless, R.M. 606
Jeffrey, F. *see* Grimmer, D. 29647
Jeffrey, R.B. *see* Shahidi, R. 18399
Jeffreys, Y. *see* Lemaire, E.D. 8143
Jeffries, J.B. *see* Brinkman, E.A. 30879
Jeffs, B.D. Rank enhancement for eigenstructure based direction finding using arrays with non-uniform element responses 25156
Jeffs, B.D., Wai Ho Pun Simple shape parameter estimation from blurred observations for a generalized Gaussian MRF image prior used in MAP image restoration 57273
Jeffs, B.D. *see* Pun, W.H. 15518
Jegathesan, J., Gunasekaran, A., Muthaly, S. Technology development and transfer: experiences from Malaysia 52075
Jegers, J.B.M. *see* Gao, J.R. 53614
Jehl, O. *see* Thiebaux, S. 8822
Jehwan Oh *see* Oh Jehwan
Jei Oh Young *see* Young Jei Oh
Jei-Hwan Yoo, Chang-Hyun Kim, Kyu-Chan Lee, Kye-Hyun Kyung, Seung-Moon Yoo, Jung-Hwa Lee, Moon-Hae Son, Jin-Man Han, Bok-Moon Kang, Ejaz Haq, Sang-Bo Lee, Jai-Hoon Sim, Joung-Ho Kim, Byung-Sik Moon, Keum-Yong Kim, Jae-Gwan Park, Kyu-Phil Lee, Kang-Yoon Lee, Ki-Nam Kim, Soo-In Cho, Jong-Woo Park, Hyung-Kyu Lim A 32-bank 1 Gb self-strobing synchronous DRAM with 1 GByte/s bandwidth 1335
Jei-Hwan Yoo *see* Kyuchan Lee 53291
Jei-Hwan Yoo *see* Sang-Hoon Lee 13105
Jejcic, A. *see* Artru, X. 49308
Jejer, V. *see* Bacchetta, N. 36561
Jelen, C., Slivken, S., Hoff, J., Razeghi, M., Brown, G.J. Aluminum free GaInP/GaAs quantum well infrared photodetectors for long wavelength detection 27571
Jelen, C. *see* Hoff, J. 48521
Jelen, K. *see* Bednarek, B. 28018
Jelenkovic, B.M. *see* Wineland, D.J. 48291
Jelenkovic, E.V., Tong, K.Y. Effect of deposition conditions on stability of sputtered oxide in MOS structures 2287
Jelenkovic, E.V., Tong, K.Y. Effect of annealing temperature on electrical stability of radio frequency magnetron sputtered silicon oxides 42366
Jelenkovic, E.V., Tong, K.Y., Ong, C.W. Thin film transistors based on sputtered silicon and gate oxide films 32430
Jelenkovic, P.R., Lazar, A.A. On the dependence of the queue tail distribution on multiple time scales of ATM multiplexers 35448
Jelley, J.V. The feasibility of detecting neutrinos of cosmic origin by radio frequency Cherenkov radiation in Antarctic ice 18114
Jelonek, J., Stefanowski, J. Feature subset selection for classification of histological images 49431
Jelonkiewicz, J., Linnman, S. Comparative study of drives for battery powered light vehicles 51809
Jelonkiewicz, J., Ludwin, J. Programmable power module 51372
Jemaa, N.B., Nedelec, L., Benhenda, S., Neveu, J. Anodic and cathodic erosion of Ag, Ag alloys and Ag-MeO contact materials in energy range below 10 joules 11820
Jemai, A., Kission, P., Jerraya, A.A. Embedded architectural simulation within behavioral synthesis environment 40800
Jemli, M. *see* Loukil, I. 9208
Jen, L., Chen, W. On internal mutual couplings in inclined sidewall slot arrays 34386
Jen, L. *see* Qing, A. 34010
Jen, S.H., Oshima, Y., Bing Sheu An improved method for MOS transistor output conductance 2684
Jen, S.H., Sheu, B.J., Oshima, Y. A unified approach to submicron DC MOS transistor modeling for low-voltage ICs 43088
Jen, S.H. *see* Oshima, Y. 31258
Jen Chauying Jack *see* Chauying Jack Jen
Jen Chein-Wei *see* Chein-Wei Jen
Jen Kao *see* Jian Yang 39727
Jen Lang *see* Lang Jen
Jen Ming-Une, Lin Janq-Yan, Hung Chuln-Chang, Chang Shao-Herng, Shieh Chi-Maw Vibrational characteristics of cracked shaft of the RRP simulation system for power plant 28999
Jen Tean-Sen *see* Tean-Sen Jen
Jen-Fa Huang *see* Mu-King Tsay 25343
Jen-Her Lu *see* Hsiu-Wen Chen 7902
Jen-Hui Chuang, Jul-Man Chiu, Zen Chen Obtaining base edge correspondence in stereo images via quantitative measures along C-diagonals 46226
Jen-Hui Chuang *see* Ahuja, N. 46079

Jen-Hung Chen, Wei-Jen Lee, Mo-Shing Chen Using a static VAr compensator to balance a distribution system 38334
Jen-Hung Chen, Wei-Jen Lee, Mo-Shing Chen Use of a static VAr compensator for generator negative-sequence current reduction 60668
Jen-Hwa Hu, P., Liu Sheng, O.R., Chih-Ping Wei Adoption and diffusion of telemedicine and its impacts on health care systems and competition 49371
Jen-I Chen *see* Kuang-Yu Hsu 55224
Jen-Inn Chyi, Yi-Jiunn Chien, Rong-Heng Yuang, Jia-Lin Shieh, Jen-Wei Pan, Jyh-Shin Chen Reduction of hole transit time in GaAs MSM photodetectors by p-type δ-doping 7323
Jen-Inn Chyi *see* Jen-Wei Pan 14128
Jen-Inn Chyi *see* Rong-Heng Yuang 27574
Jen-Inn Chyi *see* Yi-Jen Chan 54704
Jen-Li Liao *see* Liao Jen-Li
Jen-Ming Wu *see* Kuznia, C.B. 33340
Jen-Ren Fu, Lipo, T.A. A strategy to isolate a switching device fault in a current regulated motor drive 51642
Jen-Rong Huang, Ford, H.D., Tatam, R.P. Heterodyning of speckle shearing interferometers by laser diode wavelength modulation 27594
Jen-Sheng Hwang Multi-project chip service for university and industry in Taiwan 43214
Jen-Shih Chang, Pontiga, F., Atten, P., Castellanos, A. Hysteresis effect of corona discharge in a narrow coaxial wire-pipe discharge tube with gas flow 22187
Jen-Shiun Chen, Youn, L.T. A methodology for automated analysis of transmissions lines 14661
Jen-Shiun Chiang, Hsiang-Chou Huang New architecture for high throughput-rate real-time 2-D DCT and the VLSI design 11503
Jen-Tsai Kuo, Itoh, T. Hybrid-mode computation of propagation and attenuation characteristics of parallel coupled microstrips with finite metallization thickness 45292
Jen-Tsorng Chang, Der-Chin Su, Zhi-Xian Huang, Yang-Tung Huang A substrate-mode holographic collimating and beam shaping element for laser diodes 44750
Jen-Tsorng Changa, Der-Chin Su, Yang-Tung Huang A wavelength and polarization selector made of holographic polarization beamsplitting cubes for optical communications 44779
Jen-Tzung Chien, Lee-Min Lee, Hsiao-Chuan Wang Noisy speech recognition using variance adapted likelihood measure 15122
Jen-Wei Pan, Jen-Inn Chyi Theoretical study of the temperature dependence of 1.3-μm AlGaInAs-InP multiple-quantum-well lasers 14128
Jen-Wei Pan *see* Jen-Inn Chyi 7323
Jencic, I. *see* Robertson, I.M. 31764
Jenderka, K.-V., Schultz, M., Gartner, T., Schneider, H., Richter, K.-P., Millner, R. Description of tissue condition by ischaemia with the assistance of acoustic parameters 18355
Jendges, R. A relaxation approach to simulation assistance 11054
Jendral, A. *see* Wesskamp, B. 14449
Jendritza, D.J. *see* Janocha, H. 13368
Jenekhe, S.A. *see* Chen, X.L. 42180
Jenekhe, S.A. *see* Lin, L.-B. 44205
Jeng, C.-Y. *see* Hu, N.-C. 45928
Jeng, C.A. *see* Yang, S.M. 32770
Jeng, H.-W.J., Liu, M.T. Protocol converter generation using the STS approach 46704
Jeng, J. *see* Ahlgren, D.C. 43253
Jeng, J.-Y., Lin, C.-W., Lin, Y.-B. Dynamic scheduling for GSM data services 46747
Jeng, S.-J. *see* Sunderland, D.A. 22777
Jeng, S.J., Greenberg, D.R., Longstreet, M., Nueckel, G., Harame, D.L., Jadus, D. Lateral scaling of the self-aligned extrinsic base in SiGe HBTs 22775
Jeng, S.S., Xu, G., Lin, H.P., Vogel, W.J. Experimental study of antenna arrays in indoor wireless applications 6668
Jeng Bor-Shenn *see* Bor-Shenn Jeng
Jeng Gong *see* Tsun-Lai Hsu 54587
Jeng Jeng-Kuo *see* Jeng-Kuo Jeng
Jeng Jz-Jan *see* Jz-Jan Jeng
Jeng Lin-Her *see* Lin-Her Jeng
Jeng Min-Chie *see* Min-Chie Jeng
Jeng Ming-Jer *see* Ming-Jer Jeng
Jeng Mu Der *see* Mu Der Jeng
Jeng Sen-Shiang *see* Sen-Shiang Jeng
Jeng Shi-Hong *see* Shi-Hong Jeng
Jeng Shie-Chang *see* Shie-Chang Jeng
Jeng Shyh-Kang *see* Shyh-Kang Jeng
Jeng Yann-Chyn *see* Yann-Chyn Jeng
Jeng Yih, Chang Yue-Shan, Yang Chen-Kuang, Chen Jia-Yuh A research on the load factor differentiating pricing 60223
Jeng Yih Juang *see* Li-Der Chou 26193
Jeng Yih-Jyi *see* Yih-Jyi Jeng
Jeng-Der Chen *see* Liang-Teh Lee 25848
Jeng-Dong Sheu *see* Yu-Jane Mei 42681
Jeng-Dong Sheu *see* Yu-Jane Mei 42683
Jeng-Ji Huang, Zse-Hong Tsai, Jin-Fu Chang, Chun-Ming Huang Crosslink slot assignment in LEO networks 35926
Jeng-Kuo Jeng *see* Chih-Yao Huang 13120
Jeng-Rern Yang *see* Sau-Mou Wu 16548
Jeng-Sheng Huang, Hsiao-Chung Liu Stereo vision using a microcanonical mean field annealing neural network 35178
Jeng-Shiann Wang, Wen-Hsin Lin, Cheng-Tung Yuan, Jiunn-Yih Lee Studies on the dependence of electro-optical characteristics of polymer dispersed ferroelectric liquid crystal films on UV light intensity 44096
Jeng-Yang Chang *see* Hsin-Hua Chang 33653
Jeng-Yi Ke *see* Chun-Lin Liao 24518
Jeng-Yih Wang *see* Wen-Whei Chang 24845
Jenghwa Chang, Graber, H.L., Ping Chen Koo, Aronson, R., Barbour, S.-L.S., Barbour, R.L. Optical imaging of anatomical maps derived from magnetic resonance images using time-independent optical sources 28216
Jenghwa Chang, Wenwu Zhu, Yao Wang, Graber, H.L., Barbour, R.L. Regularized progressive expansion algorithm for recovery of scattering media from time-resolved data 28155
Jenghwa Chang *see* Wenwu Zhu 57133
Jengjung Fang, Case, K.E. Using a correlation test for normality 10183
Jenichen, B. *see* Mazuelas, A. 55709
Jenichen, B. *see* Meshkinpour, M. 43111
Jenichen, B. *see* Silier, I. 10773
Jenison, R. *see* Sheppard, S.D. 20553
Jenkins, B. *see* Judy, D.C. 28021
Jenkins, D.F.L. *see* Cunningham, M.J. 32760
Jenkins, J.M. *see* Caswell, S.A. 28379
Jenkins, J.M. *see* Morris, M.M. 37769
Jenkins, J.M. *see* Shiu, J. 28386
Jenkins, K. *see* Chen, E. 18354
Jenkins, K. *see* Dicken, L.W. 18998
Jenkins, K. *see* Soyuer, M. 21950
Jenkins, K.A., Taur, Y., Sun, J.Y.-C. Single pulse output of partially depleted SOI FETs 13003
Jenkins, K.A. *see* Burghartz, J.N. 21947
Jenkins, K.A. *see* Burghartz, J.N. 41518
Jenkins, K.A. *see* Chen, W. 2799
Jenkins, K.A. *see* Deutsch, A. 43289
Jenkins, K.A. *see* Soyuer, M. 2854
Jenkins, K.A. *see* Soyuer, M. 11227
Jenkins, K.A. *see* Sun, J.Y.-C. 42984
Jenkins, L.C. *see* Cheng, T.S. 10765
Jenkins, L.C. *see* Orton, J.W. 31856
Jenkins, N. Embedded generation. II 8877
Jenkins, N. *see* Ekanayake, J.B. 60910
Jenkins, N. *see* Green, A.M. 29181
Jenkins, N. *see* Ping Wang 19240
Jenkins, N. *see* Putrus, G.A. 19411
Jenkins, N. *see* Strbac, G. 28975
Jenkins, P.N. *see* Roberts, C.E. 16645
Jenkins, P.P., Scheiman, D.A., Brinker, D.J., Appelbaum, J. Low intensity low temperature (LILT) measurements and coefficients on new photovoltaic structures 38009
Jenkins, P.P. *see* Fatemi, N.S. 20093
Jenkins, P.P. *see* Hoffman, R.W., Jr. 37977
Jenkins, P.P. *see* Wilt, D.M. 38975
Jenkins, R.B. *see* Ablowitz, M.J. 4026
Jenkins, R.M. *see* Banerji, J. 55754
Jenkins, S.M. *see* Hsu, J.S. 29241
Jenkins, T. *see* Berning, S. 8702
Jenkins, T. *see* Creech, G.L. 1073
Jenkins, T. *see* Davies, T.S. 11823
Jenkins, T. *see* Liou, L.L. 42939
Jenkins, T.J. *see* DeSalvo, G.C. 12761
Jenkins, T.M. *see* Rokni, S.H. 8216
Jenkins, W. *see* Afanasev, V. 12596
Jenkins, W.C. *see* Liu, S.T. 22812
Jenkins, W.C. *see* Liu, S.T. 41190
Jenkins, W.C. *see* Sinha, S.P. 12997
Jenkins, W.C. *see* Sinha, S.P. 42994
Jenkins, W.K. *see* Soni, R.A. 4735
Jenkins, W.K. *see* Strait, J.C. 15508
Jenkins, W.K. *see* Therrien, C.W. 45911
Jenkins-Gray, A. *see* Kozicki, M.N. 12842
Jenkins-Gray, A. *see* Whidden, T.K. 42843
Jenks, W.G., Sadeghi, S.S.H., Wikswo, J.P., Jr. SQUIDS for nondestructive evaluation 43818
Jenn, D.C. *see* Gibson, T.B. 36833
Jenn-Chau Hong *see* Hsin-Min Wang 34700
Jenn-Chyou Bor, Chung-Yu Wu Pulse-width-modulation feedforward neural network design with on-chip learning 53490
Jenn-Gwo Hwu *see* Chin-Yang Chen 12625
Jenn-Gwo Hwu *see* Ming-Jer Jeng 12746
Jenn-Gwo Hwu *see* Ming-Jer Jeng 12752
Jenn-Gwo Hwu *see* Ming-Jer Jeng 32213
Jenn-Hong Chen *see* Chen Jenn-Hong
Jenn-Ming Guan, Ching-Chuan Su Precise computations of resonant frequencies and quality factors for dielectric resonators in MICs with tuning elements 41511
Jenn-Wei Lin, Sy-Yen Kuo A highly available partition-processing protocol for distributed shared memory systems 16091
Jennane, R., Harba, R., Jacquet, G. Quality estimation of synthesis methods of fractional Brownian motion 25180
Jennane, R., Harba, R., Jacquet, G. Quality of synthesis and analysis methods for fractional Brownian motion 45987
Jennelle, R.L.S. *see* Kim, R.Y. 28412
Jenner, A.G. *see* Stone, L.A. 40627
Jenni, G. *see* Tuladhar, K.K. 13325
Jenni, G. *see* Tuladhar, K.K. 23269
Jenninger, B. *see* Danielsson, H. 49080
Jennings, C., Berdner, J., Wenger, H., Whitaker, C. PG&E experience with a 10-kW commercial rooftop PV system 50844
Jennings, C., Farmer, B., Townsend, T., Hutchinson, P., Reyes, T., Whitaker, C., Gough, J., Shipman, D., Stolte, W., Wenger, H., Hoff, T. PVUSA–the first decade of experience 50845
Jennings, C. *see* Woodley, B. 58502
Jennings, D. *see* Kelkar, N. 52174
Jennings, D. *see* Shukla, A. 52240
Jennings, D. *see* Shukla, A.A. 30270
Jennings, D.A. *see* Drullinger, R.E. 27253
Jennings, D.A. *see* Lee, W.D. 27325
Jennings, G.D., Harley, R.G. New index parameter for rapid evaluation of turbo-generator subsynchronous resonance susceptibility 29217
Jennings, N. *see* Altman, Z. 33959
Jennings, N.R. *see* Corera, J.M. 19229
Jennings, O.B., Mandelbaum, A., Massey, W.A., Whitt, W. Server staffing to meet time-varying demand 10249
Jennings, P.J. *see* Clare, B.W. 31880
Jennings, S.U., Pryor, T.L., Remmer, D.P. Combining simulation techniques and design expertise in a renewable energy system design package, RESSAD 60321
Jenny, B., Rohmig, P., Uriarte, J.-M. A composite vacuum barrier for the LHC Short Straight Section 49078
Jenq, J.-S. *see* Lin, C.-H. 2529
Jenq Kuen Lee, Isu-Kuen Tsaur, San-Yih Hwang Parallel array object I/O support on distributed environments 47141
Jenq Yih-Chyun *see* Yih-Chyun Jenq
Jenq-Neng Hwang *see* Chiou, G.I. 24820
Jenq-Neng Hwang *see* Davis, D.T. 25220
Jenq-Neng Hwang *see* Seokyong Moon 45647
Jenq-Shyong Chen Neural network-based modelling and error compensation of thermally-induced spindle errors 17199
Jenq-Yang Chang *see* Ching-Cherng Sun 24274
Jenq-Yang Chang *see* Ren-Han Tsou 23452
Jenquin, M.J. Determination of imaging sensor line spread function through the Eigentarget test method 17532
Jens Doerk *see* Chen Qiang 9747
Jensen, A. Results of long-term tests on XLPE-insulated medium-voltage cables in comparison 38366
Jensen, B.N. *see* Van Elp, J. 37538
Jensen, D.G., McCandless, B.E., Birkmire, R.W. Thin film cadmium telluride-cadmium sulfide alloys and devices [solar cells] 39059
Jensen, E. *see* Schietinger, C. 22496
Jensen, F., Mourgues, S., Sabbadini, M. GTD ray tracing by mapping 33982
Jensen, F. *see* Birkelund, K. 32325
Jensen, G.U. *see* Nawaz, M. 1646
Jensen, H.D., Wey, S.C. Comparison of Josephson voltage standards held by the SISIR and the DFM 17158
Jensen, H.T., Galton, I. A hardware-efficient DAC for direct digital synthesis 1159
Jensen, H.T. *see* Galton, I. 1550
Jensen, H.T. *see* Galton, I. 21759
Jensen, J.A. FIELD: a program for simulating ultrasound systems 37718
Jensen, J.A. *see* Klebaek, H. 28197
Jensen, J.B. *see* Cordeiro, V. 19585
Jensen, J.C. *see* Zakzewski, C.A. 18496
Jensen, J.E. *see* De Lyon, T.J. 702
Jensen, J.E. *see* De Lyon, T.J. 48645
Jensen, J.E. *see* Rajavel, R.D. 711
Jensen, J.E. *see* Rajavel, R.D. 27578
Jensen, J.E. *see* Wu, O.K. 48663
Jensen, J.H. *see* Abele, M.G. 3236
Jensen, J.J. *see* Benson, J.D. 21287
Jensen, J.R., Raney, R.K. Multi-mission radar altimeter: concept and performance 8399
Jensen, J.R. *see* Keil, U.D. 44241
Jensen, K. *see* Poirier, R.L. 49095
Jensen, K.F. *see* Banerjee, S. 22491
Jensen, K.F. *see* Cumpston, B.H. 13859
Jensen, K.F. *see* Hebb, J.P. 22489
Jensen, K.F. *see* Rodriguez-Viejo, J. 54089
Jensen, K.F. *see* Salim, S. 30816
Jensen, K.F. *see* Wang, C.A. 40322
Jensen, K.L., Mukhopadhyay-Phillips, P., Zaidman, E.G., Nguyen, K., Kodis, M.A., Malsawma, L., Hor, C. Electron emission from a single Spindt-type field emitter: comparison of theory with experiment 41770
Jensen, K.L. *see* Phillips, P.M. 31702
Jensen, M.A., Rahmat-Samii, Y. Finite difference and finite volume time domain techniques in electromagnetics: a comparative study 14594
Jensen, M.A., Rahmat-Samii, Y. Finite-difference and finite-volume time-domain techniques: comparison and hybridization 33927
Jensen, M.A. *see* Colburn, J.S. 35943
Jensen, M.A. *see* Green, B.M. 35933
Jensen, M.K. *see* Clark, R.A. 29895
Jensen, N.G. *see* Wang, Z. 23939
Jensen, P.E. *see* Jordan, S.D. 15735
Jensen, P.R. *see* Gislason, F. 19720
Jensen, R. *see* Tao, Y.-X. 293
Jensen, S. Low cost conducted emission tips for switching power supplies 31105
Jensen, S., Batty, J.C., Roettker, W.A. SABER thermal management update 28611
Jensen, S.H. *see* Hansen, P.C. 34755
Jensen, S.H. *see* Vanpoucke, F. 15194
Jensen, S.Juul *see* Juul Jensen, S.

Jensen, S.M., Batty, J.C., McLain, D. Fiber support technology for thermal isolation and mechanical stability [of SABER FPA] 28613
Jensen, T., Craignou, B., Liau, B. Planning intelligent networks 47271
Jenshan Lin, Zu, L., Frye, R.C., Tai, K.L., Lau, M.Y., Kossives, D., Hrycenko, F., Young-Kai Chen Accurate design of inductors on multi-chip module using high-resistivity silicon substrate 41717
Jenson, J.T. Robots for cluster-tool automation 148
Jenssen, H.P. *see* Cassanho, A. 55593
Jenssen, H.P. *see* Noginov, M.A. 3785
Jenssen, H.P. *see* Simkin, D.J. 3786
Jenssen, H.P. *see* Sorokina, I.T. 55581
Jenssen, H.P. *see* Yanovsky, V.P. 55586
Jeon, B.-T. *see* Yang, J.-M. 48120
Jeon, D. *see* Bai, M. 59148
Jeon, D. *see* Chung, B. 53917
Jeon, D. *see* Lee, S. 53918
Jeon, D. *see* Sanjo Lee 53966
Jeon, D. *see* Sanjo Lee 53968
Jeon, E.S., Kozlov, V., Song, Y.-K., Vertikov, A., Kuball, M., Nurmikko, A.V., Liu, H., Chen, C., Kern, R.S., Kuo, C.P., Craford, M.G. Recombination dynamics in InGaN quantum wells 12503
Jeon, G.-N. *see* Lee, C.-H. 806
Jeon, H. *see* Lane, B. 42059
Jeon, H.I., Jeong, M.S., Shim, H.W., Shin, Y.G., Lim, K.Y., Suh, E.-K., Lee, H.J. Optical investigation of InGaAs/GaAs heterointerfaces grown by metalorganic chemical vapor deposition 32028
Jeon, J., Choi, K. A new simulated annealing algorithm for circuit partitioning 21454
Jeon, J.G., Kim, Y.H., Park, G.M., Park, K.T. Multi-target tracking system using texture 56852
Jeon, J.S., Raghunath, C., Kneer, E.A., Raghavan, S. Aspects of alumina particle deposition onto CVD tungsten wafers relevant to post CMP cleaning 42630
Jeon, M.-Y. *see* Lee, H.K. 16688
Jeon, Y., Lombardi, F. Performance evaluation of a deferred write technique as a recovery technique in client-server DBMS 47362
Jeon, Y.-C. *see* Ihn, T.-H. 22872
Jeon Byung Soo *see* Byung Soo Jeon
Jeon Byung-Chun *see* Byung-Chun Jeon
Jeon Byung-Deuk *see* Byung-Deuk Jeon
Jeon Byungchun *see* Byungchun Jeon
Jeon Chan-Wook *see* Chan-Wook Jeon
Jeon Dong-o *see* Dong-o Jeon
Jeon Duk-Kyu *see* Duk-Kyu Jeon
Jeon Hee-Jong *see* Hee-Jong Jeon
Jeon Hyeongmin *see* Hyeongmin Jeon
Jeon Hyeongtag *see* Hyeongtag Jeon
Jeon Jong Up *see* Jong Up Jeon
Jeon Jong-Il *see* Jong-Il Jeon
Jeon Joon-Hyung *see* Joon-Hyung Jeon
Jeon Joon-Nyeun *see* Joon-Nyeun Jeon
Jeon Kye-ik *see* Kye-ik Jeon
Jeon Man-Yeong *see* Man-Yeong Jeon
Jeon Min *see* Min Jeon
Jeon Min-Hyon *see* Min-Hyon Jeon
Jeon Min-Yong *see* Min-Yong Jeon
Jeon Seong-Ho *see* Seong-Ho Jeon
Jeon Seung-Ik *see* Seung-Ik Jeon
Jeon Tae-In *see* Tae-In Jeon
Jeon Won Gi *see* Won Gi Jeon
Jeon Young Jin *see* Young Jin Jeon
Jeon-Wook Yang *see* Byung-Sun Park 13007
Jeong, C.-G., Jeong, H. Automatic phone segmentation and labelling of continuous speech 24860
Jeong, C.G. *see* Kim, S.S. 52043
Jeong, C.K., Joo, E.K. Design of DC-free and minimum bandwidth binary line codes based on combinations of inversion and cyclic shift 4538
Jeong, D.K. *see* Yoon, Y.W. 41096
Jeong, D.Y., Sohn, M.H., Kim, H.S., He, L.L., Cantoni, M., Horiuchi, S. Microstructures in high-T_c Tl-1223/Ag tapes 3270
Jeong, E., Furuta, K., Kondo, S. Transient identification in a nuclear power plant using a neural network with an implicit time measure 38468
Jeong, E., Park, S., Kim, W. A spatial filtering neural network extracting dashed line information from maps 57436
Jeong, H. Effects of voids on the mechanical strength and ultrasonic attenuation of laminated composites 52898
Jeong, H. *see* Jeong, C.-G. 24860
Jeong, H. *see* Kim, C.-S. 7423
Jeong, H.C. *see* Ohshima, Y. 18083
Jeong, H.G. *see* Jang, S.M. 9275
Jeong, H.J. *see* Lee, B.W. 36594
Jeong, J.-W., Sampei, S., Morinaga, N. Large Doppler frequency compensation technique for terrestrial and LEO satellite dual-mode DS/CDMA terminals 16650
Jeong, J.S. *see* Kim, C.S. 3348
Jeong, K.S. *see* Lee, B.C. 59663
Jeong, K.T., Hanaizumi, O., Syuaib, I., Kashiwada, S., Kawase, K., Kawakami, S. Analysis and assessment of the gain of optically pumped surface-normal optical amplifiers 23950
Jeong, M.S. *see* Jeon, H.I. 32028
Jeong, P., Thompson, R.B., Kim, Y.H. Performance evaluation of the Golay code pulse compression technique 40711
Jeong, R.S. *see* Kang, W.S. 27642
Jeong, S., Gung, C.Y., Minervini, J.V. Experimental study of AC losses in a Rutherford type cable 43863
Jeong, S. *see* Son, J. 2264
Jeong, S.-I. *see* Park, J.-S. 24306
Jeong, S.-Y. *see* Sim, D.-G. 59864
Jeong, Y., Chang, I., Yun, S., Kim, C. A study on the design of predistortion linearizer controlling the individual order of IM signals 34106
Jeong, Y.C. *see* Han, M.S. 42369
Jeong, Y.H. *see* Jang, S.M. 9275
Jeong, Y.H. *see* Kim, P.D. 3182
Jeong Beom Kim, Sung Je Hong, Jong Kim New circuits for XOR and XNOR functions 53244
Jeong Byung Hoon *see* Byung Hoon Jeong
Jeong Chang Ho *see* Ho Jeong Chang
Jeong Dae Suh *see* Gun Yong Sung 30912
Jeong Daein *see* Daein Jeong
Jeong Deog-Kyoon *see* Deog-Kyoon Jeong
Jeong Dong Geun *see* Dong Geun Jeong
Jeong Gab Joong *see* Gab Joong Jeong
Jeong Geun Kim, Widjaja, I. PRMA/DA: a new media access control protocol for wireless ATM 6081
Jeong Goo Lee *see* Seong Rag Kim 4284
Jeong Goo Lee *see* Seong Rag Kim 47659
Jeong Goo-Young *see* Goo-Young Jeong
Jeong Ho Jin *see* Ho Jin Jeong
Jeong Ho Shin, Joon Ki Paik, Moon Gi Kang Comparison between Wiener and CLS image restoration techniques for multichannel images 57217
Jeong Hong *see* Hong Jeong
Jeong Hong Sik *see* Hong Sik Jeong
Jeong Hoon Lee *see* Yong-Gyoo Kim 48465
Jeong Hun Choi, Hyeon Soo Kim, Woo Jin Lee, Yong Rae Kwon A Petri-nets based approach for detecting feature interactions in telecommunications services 47306
Jeong Hwan Kim, Jeong Il Park, Ung Taek Kang, Jin Koog Shin Antenna factor calibration in 30-1000 MHz frequency range 27294
Jeong Hwan Kim *see* Jeong Il Park 27302
Jeong Il Park, Jeong Hwan Kim Performance evaluation of a microcalorimeter 27302
Jeong Il Park *see* Jeong Hwan Kim 27294
Jeong Im Lee, Karube, I. Development of a biosensor for gaseous cyanide in solution 7446
Jeong Jae Hoon *see* Jae Hoon Jeong
Jeong Jae Ug *see* Jae Ug Jeong
Jeong Jae-Hoon *see* Jae-Hoon Jeong
Jeong Jae-Kee *see* Jae-Kee Jeong
Jeong Je-Myung *see* Je-Myung Jeong
Jeong Jeeho *see* Jeeho Jeong
Jeong Jichai *see* Jichai Jeong
Jeong Ju-Young *see* Ju-Young Jeong
Jeong Jun-O *see* Jun-O Jeong
Jeong Kwang-Jae *see* Kwang-Jae Jeong
Jeong Min Kim *see* Seongsoo Lee 35072
Jeong Min Moon *see* Ki Hyung Kang 58933
Jeong Min Su *see* Min Su Jeong
Jeong Min-Seop *see* Min-Seop Jeong
Jeong Mo Hwang *see* Hyunsang Hwang 43062
Jeong MoonJae *see* MoonJae Jeong
Jeong Ok-Chan *see* Ok-Chan Jeong
Jeong Okhyun *see* Okhyun Jeong
Jeong Se-Jin *see* Se-Jin Jeong
Jeong Seongtae *see* Seongtae Jeong
Jeong Seung-Gi *see* Seung-Gi Jeong
Jeong Soo Kim *see* Beom-hoan O 23977
Jeong Soo Kim *see* Beom-Hoan O 24016
Jeong Soo Kim *see* Chongdae Park 23906
Jeong Soo Kim *see* Hye-Rim Kim 32650
Jeong Soon Lee *see* Jin Pyo Hong 43871
Jeong Taegwon *see* Taegwon Jeong
Jeong Weon Guk *see* Weon Guk Jeong
Jeong Whan Hahn *see* Myung Soo Han 30779
Jeong Won Lee *see* Ki Hyun Yoon 2274
Jeong Won Sang *see* Won Sang Jeong
Jeong Woo Kim *see* Cheol Su Kim 3506
Jeong Woo Kim *see* Cheol Su Kim 55174
Jeong Woo Kim *see* Tae Won Hur 57055
Jeong Yang-woong *see* Yang-woong Jeong
Jeong Yeol Choi *see* Zhijian Ma 2834
Jeong Yeong-An *see* Yeong-An Jeong
Jeong Yong Lee *see* Ki Hyun Cho 31784
Jeong Yong Lee *see* Ki-Hyun Hwang 32162
Jeong Yong Lee *see* Ki-Hyun Hwang 42513
Jeong Yong Lee *see* Min-Suk Lee 40374
Jeong Yong Lee *see* Sun Jin Yun 12735
Jeong Youn-Kwae *see* Youn-Kwae Jeong
Jeong Young Gyun *see* Young Gyun Jeong
Jeong Young Uk *see* Young Uk Jeong
Jeong-Cheol Kim *see* Sam-Yong Bahng 56806
Jeong-Gyoo Kim Improved AC hot carrier degradation of MOSFETs with rapid thermally NO-nitrided gate oxide 2623
Jeong-Ho Cho, Hoon-Taek Chung, Ho-Gi Kim The substitution-site of Cd^{2+} in $Pb(Ni_{1/3}Nb_{2/3})O_3$-$PbZrO_3$-$PbTiO_3$ ceramics 32677
Jeong-Ho Cho, In-Kil Park, Hoon-Taek Chung, Ho-Gi Kim The effects of Cd-substitution site on sintering behavior and electrical properties in $Pb(Ni_{1/3}Nb_{2/3})O_3$-$PbZrO_3$-$PbTiO_3$ ceramics 30976
Jeong-Ho Park, Jae-Ho Choi, Hooq-Sung Kwak A fast algorithm for wavelet packet decomposition using statistical properties of images 57056
Jeong-Hun Jang, Ki-Sang Hong Self-calibration of a stereo-camera by pure translational motion 57234
Jeong-Hyeop Lee, Nam-Soo Kim Electrical characteristics between gates of a flash-memory device with an independent erase gate 21665
Jeong-Hyong Yi *see* Tae-Sung Jung 1329
Jeong-Keun Ji *see* Moon-Deock Kim 24017
Jeong-Min Kim, Soo-Ik Chae New MPEG2 decoder architecture using frequency scaling 1497
Jeong-Sik Lee, Isshiki, H., Sugano, T., Aoyagi, Y. Selective area growth at multi-atomic-height steps arranged on GaAs (111)A vicinal surfaces by atomic layer epitaxy 52702
Jeong-Sik Lee, Iwai, S., Isshiki, H., Meguro, T., Sugano, T., Aoyagi, Y. Self limiting growth on nominally oriented (111)A GaAs substrates in atomic layer epitaxy 787
Jeong-Sik Son *see* Jae-Young Leem 689
Jeong-Tae Jang, Kern-Joong Kim The voltage management of distribution system by indirect measuring 60373
Jeong-Tae Park, Cheol-Gyun Lee, Min-Kyu Kim, Hyun-Kyo Jung Application of fuzzy decision to optimization of induction motor design 51024
Jeong-Taek Kong *see* Hanbin Kim 11285
Jeong-Taek Kong *see* Sang-Hoon Lee 13105
Jeong-Woo Choe *see* Jin-Hon Kim 23949
Jeong-Woo Choi, Joo Yun Bae, Junhong Min, Kyung Sang Cho, Won Hong Lee Fiber-optic ethanol sensor using alcohol dehydrogenase-immobilized Langmuir-Blodgett film 36717
Jeong-Wook Lee *see* Hyun-Ik Shin 16889
Jeong-Yong Lee *see* Nam-Hoon Cho 12694
Jeong-Yong Lee *see* Seok-Kyun Song 10871
Jeonghwan Son, Sangdon Lee, Kijae Huh, Jeongmo Hwang Improvement of deep submicron buried-channel p-MOSFET by As and P co-implantation for punchthrough stopper 2686
Jeongmo Hwang *see* Jeonghwan Son 2686
Jeoung, Y.T. *see* Han, M.S. 42369
Jeoung, Y.T. *see* Hou, Y.B. 32113
Jeoung, Y.T. *see* Lee, T.S. 32196
Jeoung Yong Taek *see* Yong Taek Jeoung
Jeoung Yong-Taek *see* Yong-Taek Jeoung
Jeoung-Chill Shim *see* Yong-Jun Cho 30775
Jeoung-Chill Shim *see* Young-Cheol Kim 30778
Jeppesen, S. *see* Maximov, I. 42534
Jepsen, P.U., Jacobsen, R.H., Keiding, S.R. Generation and detection of terahertz pulses from biased semiconductor antennas 14716
Jepson, A. *see* Mann, R. 46412
Jer-Han Fang *see* Nen-Fu Huang 57626
Jer-Junn Lub *see* Gwo-Ching Chang 49790
Jer-Min Jou, Shiann-Rong Kuang, Yuh-Lin Chen, Chung-Yuan Chiang An on line adaptive data compression chip using arithmetic codes 1504
Jerbic, B. *see* Vranjes, B. 20832
Jerby, E. *see* Li Lei 55478
Jerde, L.G. *see* Ditizio, R. 54469
Jereb, L. *see* Do, T.V. 25910
Jereb, L. *see* Wolfner, G. 35523
Jereb, P. *see* Miljavec, D. 9188
Jeremie, F., Vey, J.-L., Gallion, P. Optical corpuscular theory of semiconductor laser intensity noise and intensity squeezed-light generation 44470
Jeremie, F. *see* Gallion, P. 44448
Jerez, J. *see* Bandera, C. 57203
Jerez, J.M. *see* Vico, F.J. 57204
Jergel, M. *see* D'Anna, E. 906
Jergel, M. *see* Luby, S. 2451
Jergl, J., Cole, B., Purcell, S. Real world effects on VRLA batteries in float applications 51478
Jerichow, A. *see* Federrath, H. 26630
Jerichow, A. *see* Franz, E. 24777
Jerisian, R. *see* Claverie, I. 12884
Jerman, G. *see* Palosz, W. 12242
Jerman-Blazic, B., Gogala, A., Gabrijelcic, D. Implementation aspects of transparent language processing in networked services 6250
Jernigan, M.E. *see* Alirezaie, J. 59465
Jeroense, M. *see* Morshuis, P. 43450
Jeroense, M.J.P., Kreuger, F.H. Partial discharge measurements on a high voltage direct current mass impregnated paper cable 19334
Jerolimov, V. *see* Vojvodic, D. 37696
Jerominek, H., Picard, F., Swart, N.R., Renaud, M., Levesque, M., Lehoux, M., Castonguay, J.-S., Pelletier, M., Bilodeau, G., Audet, D., Pope, T.D., Lambert, P. Micromachined, uncooled, VO_2-based, IR bolometer arrays 17367
Jerraya, A.A. *see* Ismail, T.B. 1025
Jerraya, A.A. *see* Jemai, A. 40800
Jersch, J., Demming, F., Dickmann, K. Nanostructuring with laser radiation in the nearfield of a tip from a scanning force microscope 32306
Jersch, J., Dickmann, K. Nanostructure fabrication with laser radiation in the nearfield of a scanning-probe microscope tip 32573
Jersck, J. *see* Dickmann, K. 24308
Jervan, G. *see* Ubar, R. 9889
Jervis, T.R., Nastasi, M., Hirvonen, J.-P. Advances in excimer laser surface processing of materials 22603
Jeschke, H. *see* Hermann, K. 21738
Jeseck, P. *see* Hawat, T. 38067
Jesinger, R.A. *see* Stonick, J.T. 28365
Jespers, P. *see* Viviani, A. 21761
Jespersen, K. *see* Gislason, F. 19720
Jespersen, S.K., Pedersen, P.C., Wilhjelm, J.E. Modeling of received signals from interfaces of arbitrary geometry 28693
Jespersen, S.K. *see* Wilhjelm, J.E. 37751

Jess, J.A.G. *see* Berkelaar, M.R.C.M. 1065
Jess, J.A.G. *see* dos Santos, L.C.V. 1085
Jessa, M. *see* Dobrogowski, A. 46930
Jessen, M.E. *see* Li, J. 59739
Jessen, S.W. *see* Gebler, D.D. 44264
Jesser, W.A. *see* Cook, B.A. 31917
Jesser, W.A. *see* Ettenberg, M.H. 31905
Jesser, W.A. *see* Taylor, P.J. 61104
Jesshope, C., Nedelchev, I. Asynchronous packet routers 32487
Jesshope, C. *see* Ashman, I. 21108
Jesson, S. *see* Dexter, A.C. 29909
Jessop, D. A survey of recent advances in optical and multimedia information technologies 32995
Jessop, P.E. *see* Ersoni, M. 33065
Jessop, P.E. *see* Ersoni, M. 36559
Jessop, P.E. *see* Wu, X. 17418
Jester, T.L. *see* Mitchell, K.W. 39000
Jesus, A.C.De *see* De Jesus, A.C.
Jesus, B.de *see* de Jesus, B.
Jesus, J.M.Ferreira de *see* Ferreira de Jesus, J.M.
Jesus, S.M. *see* Caiti, A. 18756
Jesus, S.M. *see* Caiti, A. 50018
Jesus Ayala-Schueneman, M.de *see* de Jesus Ayala-Schueneman, M.
Jeszka, J.K., Sroczynska, A., Bolteux, G., Ho-Hoang, A., Lamaire, M., Fache, F., Kryszewski, M. Electrical properties of heterojunctions of PVDF-C_2F_3H/polypyrrole composites with p- or n-doped silicon 22321
Jet, T.K. *see* Junhong, D. 38824
Jeter, S.M. *see* Dowling, M.F. 50737
Jetter, K., Stackler, J. Riesz bases of splines and regularized splines with multiple knots 30585
Jetto, L. Two-dimensional adaptive smoothing algorithm with edge information for recursive image restoration 56989
Jeun In Sang *see* In Sang Jeun
Jeun-Woo Lee *see* Bong-Hwan Kim 24679
Jeune, B.Le *see* Le Jeune, B.
Jeune, P.La *see* La Jeune, P.
Jeung, K.S., Kim, B.-G., Lee, B.Y. Analysis of the spontaneous emission spectrum of a multisection DFB structure device 3834
Jeung Byung-Tae *see* Byung-Tae Jeung
Jeung Sang Go, Young-Ho Cho, Byung Man Kwak, Kwanhum Park Snapping microswitches with adjustable acceleration threshold 13169
Jewell, G.W., Howe, D., Riley, C.D. The design of radial-field multipole impulse magnetizing fixtures for isotropic NdFeB magnets 38748
Jewell, G.W. *see* Smith, D.S. 29860
Jewell, J.K. *see* Metlay, M.P. 37530
Jewkes, E. *see* Qi-Ming He 52404
Jeyadev, S., Pai, D.M. Photoconductor implications in digital electrophotography 33224
Jeyadev, S., Stark, H.M. Modulation transfer function for development to complete field neutralization 33836
Jeyasurya, B. Accurate distance relaying with error compensation 60421
Jeyasurya, B. *see* Vallabhan, S.C. 50347
Jeynes, C., Puttick, K.E., Whitmore, L.C., Gaertner, K., Gee, A.E., Millen, D.K., Webb, R.P., Peel, R.M.A., Sealy, B.J. Laterally resolved crystalline damage in single-point-diamond-turned silicon 12153
Jeynes, C. *see* Ashwin, M.J. 758
Jeynes, C. *see* Osasona, O. 44193
JeySeung Lee *see* Hyungik Kim 47308
Jezek, K. *see* Norikane, L. 8321
Jezek, K.C., Curlander, J., Norikane, L., Carsey, F., Crawford, J.P., Wales, C., Muller, J. RADARSAT: the Antarctic Mapping Project 8322
Jezequel, F. A time and space parallel algorithm for the heat equation: the implicit collocation method 10505
Jezequel, J.-Y. *see* Zissi, S. 54535
Jezequel, M. *see* Douillard, C. 9890
Jezernik, K., Kren, A., Drevensek, D. Robust continuous VSS tracking control of an IM drive 61170
Jezernik, K., Mohorko, B. VSS control of unity power factor boost converter 9401
Jezernik, K. *see* Hren, A. 9574
Jezewski, J., Wrobel, J., Horoba, K., Gacek, A., Graczyk, S. Cardiotocographic image processing for extraction of FHR baseline drawn by clinical expert 28098
Jezewski, J. *see* Chmielorz, W. 49424
Jezierski, A. *see* Slebarski, A. 3158
Jezuita, K. *see* Brzozka, K. 3066
Jezzard, P., Turner, R. Magnetic resonance imaging methods for study of human brain function and their application at high magnetic field 18312
Jha, A. *see* Marchese, D. 3722
Jha, A. *see* Surinach, S. 30989
Jha, A.R. High power, coherent InGaAsP/InP semiconductor laser design operating at 1.55 microns 55738
Jha, N.K. *see* Ghosh, I. 11355
Jha, N.K. *see* Raghunathan, A. 11327
Jha, N.K. *see* Raghunathan, A. 11349
Jha, P., Kumar, P. Electron trajectories and gain in free electron laser with ion channel guiding 14205
Jha, P.K., Agnihotri, N., Kumar, R. Long cycles and long paths in the Kronecker product of a cycle and a tree 52489
Jha, R.K. *see* Pathak, S.K. 8130
Jha, R.K. *see* Tiwari, V.N. 56161
Jha, R.K. *see* Tiwari, V.N. 56162
Jha, R.Shankar *see* Shankar Jha, R.
Jha, S.K. *see* Koppikar, D.A. 38785
Jhang-Rae Kim *see* Tae-Sung Jung 1329
Jhing-Fa Wang *see* An-Nan Suen 24850
Jhing-Fa Wang *see* An-Nan Suen 41257
Jhing-Fa Wang *see* Ruey-Ching Shyu 15111
Jhon, C.-S. *see* Kim, J.-B. 21642
Jhon Chu-Shik *see* Chu-Shik Jhon
Jhung, M.J., Hwang, W.G. Seismic response of reactor vessel internals for Korean standard nuclear power plant 9065
Jhunjhunwala, A. *see* Parthasarathi, R. 3519
Jhunjhunwala, A. *see* Parthasarathi, R. 23608
Jhy-Gau Chen *see* Cheng-Chang Lien 57180
Jhy-Min Chang *see* Kai-Tai Song 46370
Ji, H. *see* Hong, W. 11105
Ji, J., Pu, Y., Hesketh, P.J. Anisotropic etching of single crystal silicon spheres in KOH and KOH/alcohol solutions 23044
Ji, J. *see* Lu, P.F. 11278
Ji, R. *see* Yoon, S.F. 30894
Ji, R. *see* Yoon, S.F. 40605
Ji, R. *see* Yoon, S.F. 40616
Ji, R. *see* Yoon, S.F. 52785
Ji, R. *see* Yoon, S.F. 54351
Ji, W. Ecosystem management: a decision support GIS approach 18940
Ji, W. *see* He, W. 15433
Ji, Y., Davis, R. Starting performance of high-frequency electronic ballasts for four-foot fluorescent lamps 39394
Ji, Y., Inagaki, K., Miura, R., Karasawa, Y. A novel configuration of an optical signal processor for multibeam array antennas 56195
Ji, Z.-L. *see* Berggren, K.-F. 22344
Ji Chen *see* Chen Ji
Ji Chengzhou, Zhang Yanwen, Li Guohui, Wang Wenxun, Su Liman A two-step annealing to improve the quality of MeV Si^+-implanted layer in Si-InP(Fe) 2308
Ji Chengzhou *see* Zhang Yanwen 2300
Ji Chenzhou *see* Li Guohui 3595
Ji Cheol Park *see* Byeong Woo Lim 47725
Ji Chunliang *see* Dai Shiliang 50874
Ji Du, Hang Liu, Xiurong Guan, Daoyin Yu Real time correction of optical distortion with digital circuit 46394
Ji Hang, Zhao Texiu, Wang Xiaoping, Wu Jianxin, Xu Pengshuo, Lu Erdong, Hsu, C.C. Synchrotron radiation photoemission study of potassium promoted oxidation of InP(100) surface 32209
Ji Helin *see* Helin Ji
Ji Hongbin *see* Hongbin Ji
Ji Hongshun *see* Pan Xiaoning 44430
Ji Hyeon Kim *see* Seog Nam Kim 29047
Ji Hyun Kim, Kwang Sub Yoon An 8-bit 70-MHz CMOS digital-to-analog converter with two-stage current cell matrix structure 53370
Ji Jeong-Keun *see* Jeong-Keun Ji
Ji Jingyu *see* Wu Xiafei 58430
Ji Li *see* Li Ji
Ji Liang *see* Liang Ji
Ji Lijiu *see* Wang Guangjie 53149
Ji Liu *see* Liu Ji
Ji Liu Zeng *see* Liu Zeng Ji
Ji Liu Zeng *see* Zeng Ji Liu
Ji Luo *see* Luo Ji
Ji Min *see* Jin Shi 12347
Ji Ming, Smith, F.J. Modelling of the interframe dependence in an HMM using conditional Gaussian mixtures 24863
Ji Pan *see* Pan Ji
Ji Qiang *see* Qiang Ji
Ji Taek Kim *see* Jong Sub Song 48962
Ji Taek Yoon, In Gyu Park, Jong Keun Park Base/gate drive suppression methods for NPC inverter legs 51218
Ji Taek Yoon *see* In Gyu Park 28832
Ji Taek Yoon *see* In Gyu Park 51106
Ji Wang, Mamosaki, E. The piezoelectrically forced vibrations of AT-cut quartz strip resonators 13330
Ji Wang, Momosaki, E. The piezoelectrically forced vibrations of AT-cut quartz strip resonators 32751
Ji Wen Zhang *see* Tsuzuki, Y. 11219
Ji Wu Near-field of ground backscattering using a normal incident receiving antenna 34024
Ji Wu *see* Wu Ji
Ji Xianming, Gao Wenqi A composite filter for addition and subtraction of images 33221
Ji Xiaoming *see* Wu Xiangbing 1722
Ji Yanchao, Hu Yongxuan, Liu Zhuo, Tang Zhonggui, Wang Xueyi A novel double-bridge PWM static VAr compensator 50382
Ji Yanchao, Hu Yongxuan, Liu Zhou, Wu Chengqi, Feng Yuguan A PWM static VAr compensator based on phase-shift-controlled multiple-bridge superposition harmonic elimination technique 38842
Ji Yanchao, Liang Xiaobing, Liu Zhuo, Jin Jisheng, Liu Xinhua An improved passive input current waveshaping method for single-phase diode rectifier 51107
Ji Yang *see* Yang Ji
Ji Yu *see* Yu Ji
Ji Yunfen *see* Yunfen Ji
Ji Zhen-Li *see* Zhen-Li Ji
Ji Zheng, Zheng-Fan Li Accelerating capacitance computation for interconnects in high speed MCM by Pade approximation 31662
Ji Zhijiang *see* Zhang Weilian 30719
Ji Zhou *see* Zhou Ji
Ji-Eun Lim, Won-Seok Chae, Yeonhee Lee, Kang-Jin Kim Spectral shifts of electroluminescence from porous n-Si under cathodic bias 41853
Ji-Fa Zhang *see* Zhang Ji-Fa
Ji-Gao Zhang *see* Miedzinski, B. 53723
Ji-Guang Sun On optimal backward perturbation bounds for the linear least squares problem 40146
Ji-guang Sun Residual bounds of approximate solutions of the algebraic Riccati equation 52551
Ji-Hae Yea *see* Ishimaru, A. 8382
Ji-Ho Park, Young-Sik Baek, Jae-Yong Lee, Jung-Hun Shin Digital computer simulator using object-oriented method 50980
Ji-Hong Feng, Min-Xian Wu, Guo-Fan Jin Invariant joint transform correlator using coordinate transformation 25307
Ji-Hwan Choi *see* Jong-Wan Park 52776
Ji-Hwei Horng *see* Soo-Chang Pei 5077
Ji-Hwei Horng *see* Soo-Chang Pei 5403
Ji-Hyung Kim, Yoon-Sik-Choe A study on the multi-sensored image data fusion 56460
Ji-Jen Weng Improvement of tie switching problem between Hsinyin and Shansan P/S 50387
Ji-jer Huang, Kuo-sheng Cheng, Chauying Jack Jen An imaging system for real-time measuring the vascular diameter in vitro 7901
Ji-Jun Lee *see* Jin-Ki Kim 1402
Ji-Kwang Lee *see* Dong-Hun Kim 9646
Ji-Mann Park, Won-Sup Chung A sinusoidal tuned VCO using linear OTA's 11214
Ji-Mann Park *see* Kun Kim 53082
Ji-Ming Song *see* Cai-Cheng Lu 34016
Ji-Ming Song *see* Cai-Cheng Lu 34018
Ji-Ping Chen *see* Feng-Chi Yuan 10840
Ji-Shu Cheng *see* Cheng Ji-Shu
Ji-Tao Li, Tao Xian, Xian-Yu Su Computer simulation study of distance uncertainty in laser triangulation 58985
Ji-Woon Yang *see* Yo-Hwan Koh 32545
Ji-Yeon Son, Chang-Wan Son, Soo-Hyoung Oh A QoS negotiation procedure based on incremental multipeer communications 16100
Ji-Yi Yang *see* Kow-Ming Chang 42509
Ji-Yi Yang *see* Kow-Ming Chang 54514
Ji-Yoon Yoo *see* In-Ho Lee 29377
Ji-Yoon Yoo *see* Nam-Jeong Kim 9602
Ji-Yuan Fan *see* Zhang Wang 60839
Ji-Yuan Liu, Yamaguchi, I., Kato, J.-I., Nakajima, T. Active phase-shifting interferometer using current modulation of a laser diode 7575
Ji-Yuan Liu *see* Yamaguchi, I. 7661
Ji-Yuan Liu *see* Yamaguchi, I. 17817
Jia, C.L. *see* Jiang, X. 10753
Jia, F., Gerrish, A.M., McAdams, L.R., Noronha, C., Parker, J. Roles of WDM and amplifier technologies in optical networks 6809
Jia, F., Mukherjee, B. MultiS-Net: a high-capacity, packet-switched, multichannel, single-hop architecture and protocol for a local lightwave network 16316
Jia, G. *see* Li, S. 31534
Jia, G. *see* Yi, M. 22912
Jia, J.C. *see* Ngoi, K.P. 15441
Jia, L., Hiller, J., Lambert, T. Computer simulation of time-of-flight MR angiography 37706
Jia, L., Zang, S.L., Wong, S.P., Wilson, I.H., Hark, S.K., Liu, Z.F., Cai, S.M. Further evidence for the quantum confined electrochemistry model of the formation mechanism of p^+-type porous silicon 12708
Jia, L.X., Cullen, J.R., Jr., Esper, A.J., Meier, R.E., Pai, C., Snydstrup, L., Tallerico, T., Green, M.A. Cryogenic tests of the g-2 superconducting solenoid magnet system 49162
Jia, L.X. *see* Green, M.A. 37081
Jia, M. *see* Dziong, Z. 16588
Jia, Q.P. *see* Arai, Y. 37267
Jia, Q.P. *see* Arai, Y. 37268
Jia, Q.X., Findikoglu, A.T., Zhou, R., Foltyn, S.R., Wu, X.D. Structural characterization of $Ba_{0.5}Sr_{0.5}TiO_3$ on RuO_2 prepared by pulsed laser deposition 52675
Jia, Q.X., Zhou, D.S., Foltyn, S.R., Wu, X.D., Findikoglu, A.T., Smith, J.L. Microstructure of $Ba_{0.5}Sr_{0.5}TiO_3$ thin films on (100) $LaAlO_3$ with $SrRuO_3$ as electrodes 54944
Jia, Q.X. *see* Smilowitz, L. 44636
Jia, S. *see* van Leeuwen, W.J.D. 8300
Jia, S.C. *see* Hone-Zern Chen 3282
Jia, W., Lee, C.H., Nett, E., Kaiser, J. Design and implementation of an efficient multicast protocol 57642
Jia, W. *see* Jia, X. 5893
Jia, X., Cao, J., Jia, W. Real-time multicast routing with optimal network cost 5893
Jia, X., Pissinou, N., Makki, K. Modeling and simulations of multicast routing algorithms for advanced network applications 57682
Jia, X. *see* Cheng, W.C.H. 25914
Jia, X.D., Chen, R.M.M. Switched capacitor nonlinear circuits derived from Chua's circuit 1108
Jia, X.D., Chen, R.M.M., Layfield, A.M. Three level partitioning algorithm for circuit simulation on multiprocessor 11140
Jia, Y.B., Grimmeiss, H.G. Electron capture properties of multi-DX levels in Si doped AlGaAs 41916

Jia, Y.B., Grimmeiss, H.G., Han, Z.Y., Dobaczewski, L. Perpendicular electron transport in GaAs/AlGaAs multiple quantum wells studied by junction space charge techniques 12508
Jia, Y.B., Grimmeiss, H.G., Li, M.F. A transient capacitance-voltage method for characterizing DX centres 12554
Jia Hai-Jun *see* Jiang Sheng-Yao 38540
Jia Haijun, Ma Changwen, Wu Shaorong, Bo Jinhai, Jiang Shengyao, Zhang Youjie Discharge of low subcooled water through divergent nozzle 38497
Jia Jianmin *see* Jianmin Jia
Jia Jianyuan, Qin Yuanying, Zhen Ming, Wen Guijin, Yang Qing Analysis of the ability of a quartz flexibility accelerometer to resist bad environment 48926
Jia Jinghua, Chai Yuhe Improvement on the synchronizer of a 200 MW unit 28968
Jia Peizhang A new method for locating and tracking a moving source using passive measurements 16996
Jia Qing-Wei *see* Qing-Wei Jia
Jia Rui-Gao *see* Rui-Gao Jia
Jia Shenli, Wang Jimei, Li Hongqun Study of initiation of vacuum arcs 29461
Jia Shenli *see* Li Hongqun 29483
Jia Wang *see* Mooers, C.N.K. 50096
Jia Wang *see* Mooers, C.N.K. 50097
Jia Wang *see* Wang Jia
Jia Weijia *see* Weijia Jia
Jia Weiyi *see* Weiyi Jia
Jia Xiaohua *see* Xiaohua Jia
Jia Xiaowei, Fu Zhongwen Analysis of the load angle limiter of the UNITROL-M automatic voltage regulator 38282
Jia Xingde *see* Xingde Jia
Jia Yongkang, Wang Yajun, Liu Maocang Implementation techniques for an experimental ultrasonic array signal processing system 34853
Jia Yongkang *see* Yongkang Jia
Jia Yu-min *see* Liu Xing-Zhao 2230
Jia Zhenhong, Zhou Jun, Fu Guanjiu, Li Qu Study on the thermal effects in nonlinear medium by z-scan technique 48968
Jia Zhensheng, Liu Zhenhong A sufficient condition for the codiameter 450
Jia-Chang Sun *see* Zhong-Zhi Bai 30598
Jia-Chang Sun *see* Sun Jia-Chang
Jia-Cong Shen *see* Shen Jia-Cong
Jia-Hong Lee, Yuang-Cheh Hsueh A new method for texture analysis using morphological gradient texture histograms 15461
Jia-Kuang Liu *see* Yen-Ting Chen 7903
Jia-Lin Chen, Hong-Ming Chen, Lee, J.Y.-M. An investigation on the leakage current and time dependent dielectric breakdown of ferroelectric lead-zirconate-titanate thin film capacitors for memory device applications 23255
Jia-Lin Shen, Lin-Shan Lee Fast and accurate recognition of very-large-vocabulary continuous Mandarin speech for Chinese language with improved segmental probability modeling 15139
Jia-Lin Shen, Lin-Shan Lee A cepstrum normalization approach for robust Mandarin speech recognition with respect to noise and microphone variations 34648
Jia-Lin Shen *see* Hsin-Min Wang 34700
Jia-Lin Shieh *see* Jen-Inn Chyi 7323
Jia-Lin Shieh *see* Rong-Heng Yuang 27574
Jia-Lin Shieh *see* Yi-Jen Chan 54704
Jia-Ping Wang *see* Azencott, R. 46076
Jia-sen Zhang *see* Zhang Jia-sen
Jia-Sheng Hong, Lancaster, M.J. Couplings of microstrip square open-loop resonators for cross-coupled planar microwave filters 11655
Jia-Wei Shi *see* Shi Jia-Wei
Jia-Xiang Yang *see* Yang Jia-Xiang
Jia-Xiong Peng *see* Peng Jia-Xiong
Jia-Yo Chiang, Breipohl, A.M., Lee, F.N., Adapa, R. Stochastic modeling of long-term chronological production cost variation [power systems] 28836
Jia-Yo Chiang, Breipohl, A.M., Lee, F.N., Adapa, R. An implementation of a regression based short-term load forecasting model for Microsoft Excel 28853
Jia-Yu Zhang, Pei-Fu Gu, Xu Liu, Jin-Fa Tang Low-voltage thin-film electroluminescent devices with low-resistivity stacked insulators 33283
Jia-Yue Xu *see* Shi-Ji Fan 10625
Jia-Yuh Chen *see* Chen Jia-Yuh
Jia-Zheng Sha *see* Yong Shen 48271
Jiabi Chen *see* Qiang Fang 44811
Jiabi Chen *see* Wei Wu 46397
Jiacai Nie *see* Nie Jiacai
Jiacong Shen *see* Baijun Chen 23696
Jiacong Shen *see* Shen Jiacong
Jiaer Chen *see* Chen Jiaer
Jiafu He *see* He Jiafu
Jiahua Min *see* Min Jiahua
Jiajian Wu *see* Wu Jiajian
Jiajie He *see* He Jiajie
Jiali He *see* He Jiali
Jiali Wu *see* Jianzhong Zhu 39360
Jialie Ren *see* Ren Jialie
Jialin Tian *see* Kanecko, M. 40802
Jialing Cai, Shao-Qun Zhou, Hopkinson, J., Amod Saxena, V., Chu, J. Alignment of multi-segmented anatomical features from radiation therapy images by using least square fitting 8134
Jialing Le *see* Le Jialing
Jialong He, Li Liu, Palm, G. On the use of residual cepstrum in speech recognition 15113
Jialong He *see* Li Liu 15081
Jiamin Yang *see* Yang Jiamin
Jiaming Li, Jin, J.S. An image coding method of high compression rate and clarity preserving 46151
Jian, A. *see* Lin Hong 25475
Jian, B.B. Etched corner reflector array lasers: a detailed study 14151
Jian, P., Ivey, D.G., Eicher, S., Lester, T.P. Microstructural analysis of a Au/Pt/Pd/Zn ohmic contact to an AlGaAs/GaAs heterojunction bipolar transistor 12901
Jian, S. *see* Yan, F. 27634
Jian, S. *see* Yan, F. 27635
Jian, X.H., Tzou, H.S., Lissenden, C.J., Penn, L.S. Damage detection by piezoelectric patches in a free vibration method 52874
Jian Chen, Colinge, J.-P. Study on titanium salicide process for thin-film SOI devices 43083
Jian Chen *see* Kirby, R.D. 55046
Jian Chen *see* Sato, Y. 49484
Jian Chen *see* Chen Jian
Jian Chu *see* Chu Jian
Jian Fan *see* Fan Jian
Jian Feng, Kwok-Tung Lo, Mehrpour, H. Scene change detection algorithm for MPEG video sequence 57446
Jian Gong, Volakis, J.L. AWE implementation for electromagnetic FEM analysis 4183
Jian Gong, Volakis, J.L. Parametric study and design of slot-spiral antennas using an FE-BI antenna code 34346
Jian Gong, Volakis, J.L., Wang, H.T.G. Efficient finite element simulation of slot antennas using prismatic elements 14761
Jian Gong *see* Liyuan Li 57198
Jian Gong *see* Gong Jian
Jian Huang *see* Huang Jian
Jian Jiang, Zhongfu Xia, Hongyan Zhang, Zhenzhong Wang Charge storage and transport in high density polyethylene and low density polyethylene 54970
Jian Li, Stoica, P. Efficient mixed-spectrum estimation with applications to target feature extraction 6965
Jian Li, Stoica, P., Dumin Zheng Angle and waveform estimation in the presence of colored noise via RELAX 4872
Jian Li *see* Bowes, S.R. 29721
Jian Li *see* Dunmin Zheng 25889
Jian Li *see* Dunmin Zheng 26483
Jian Li *see* Jaquez, E.J. 54390
Jian Li *see* Javidi, B. 43894
Jian Li *see* Stoica, P. 4625
Jian Li *see* Wei Lu 25341
Jian Liu *see* Chunhe Zhao 57918
Jian Liu *see* Liu Jian
Jian Lu *see* Xiao-Wu Ni 55948
Jian Lu *see* Lu Jian
Jian Luo *see* Huang, S. 29250
Jian Ma, Chang, T.Y., Hong, J.H., Neurgaonkar, R.R. Enhancement of multiplexed holograms in cerium-doped $Sr_{0.75}Ba_{0.25}Nb_2O_6$ 55939
Jian Ma *see* Hong, J. 4120
Jian Mi, Gupta, A., Yang, C.Y., Jintian Zhu, Yu, P.K.L., Warren, P., Dutoit, M. Properties of Schottky contacts of aluminum on strained $Si_{1-x-y}Ge_xC_y$ layers 12527
Jian Mu *see* Eliseev, P.G. 55462
Jian Ni *see* Zhongyong Guo 46473
Jian Peng, Balanis, C.A. A new reflection-free truncation in finite methods: transparent absorbing technique (TAT) 33924
Jian Peng *see* Peng Jian
Jian Shen, Ebbini, E.S. On the design of a transversal filter bank for parallel processing multiple image lines in real-time acoustic imaging 25740
Jian Shui-Sheng *see* Chen Gen-Xiang 43939
Jian Shuisheng *see* Huang Yanping 17450
Jian Shuisheng *see* Li Xun 30802
Jian Shuisheng *see* Wang Junhong 14741
Jian Song *see* Chun-Kit Chan 47972
Jian Su, Haizhou Li, Haton, J.-P., Kai-Tat Ng Speaker time-drifting adaptation using trajectory mixture hidden Markov models 15092
Jian Sun, Grotstollen, H. Optimized space vector modulation and regular-sampled PWM: a reexamination 29453
Jian Sun, Grotstollen, H. Symbolic analysis methods for averaged modeling of switching power converters 60930
Jian Wang, Adler, F., Schweizer, H. Transient gain-spectra and bandgap-renormalization dynamics in ultrashort optical pulse excited InGaAs-InGaAsP multi-quantum-well laser structure 55643
Jian Wang, Griesinger, U.A., Geiger, M., Ottenwaelder, D., Scholz, F., Schweizer, H. Emission dynamics of dot and wire DFB lasers 14143
Jian Wang, Griesinger, U.A., Schweizer, H. Intrinsic carrier capture time in deep-etched quantum-box (70 nm diameter) lasers at low temperature: an indication of extremely high quantum capture efficiency 44456
Jian Wang, Hong Guo Frequency-dependent admittance of a two-dimensional quantum wire 12388
Jian Wang, Schweizer, H. Ultrahigh-frequency self-pulsations under gain-switching modulation in 1.5-μm dynamical single-mode monolithic compound-cavity semiconductor lasers: Experiment and theory 55718
Jian Wang *see* Wang Jian
Jian Wu *see* Hao Chen 32039
Jian Wu *see* Wu Jian
Jian Xu *see* Zhizhang Chen 10580
Jian Xu *see* Zhizhang Chen 24096
Jian Xu *see* Xu Jian
Jian Yang, Tsu-Shuan Chang, Han Chang, Jen Kao Optimization-based dynamic scheduling and its testbed for IC sort and test 39727
Jian Yang *see* Yang Jian
Jian Zhang, Frater, M.R., Arnold, J.F., Percival, T.M. MPEG 2 video services for wireless ATM networks 26087
Jian Zhang, Raisanen, A.V. Computer-aided design of step recovery diode frequency multipliers 21908
Jian Zhang *see* Zai Sheng Jiang 60443
Jian Zhang *see* Zhang Jian
Jian Zhou *see* Zhou Jian
Jian Zhu *see* Zhu Jian
Jian-Ao Lian On the order of polynomial reproduction for multi-scaling functions 24982
Jian-Bai Xia, Wei-Dong Sheng Quantum dot superlattices and their conductance 42154
Jian-Bai Xia *see* Wei-Dong Sheng 43156
Jian-Bo Yang, Pratyush Sen Preference modelling by estimating local utility functions for multiobjective optimization 481
Jian-Cheng Lin *see* Durand, D.M. 28244
Jian-Feng Chen, Fowlkes, J.B., Carson, P.L., Rubin, J.M. Determination of scan-plane motion using speckle decorrelation: theoretical considerations and initial test 37721
Jian-Feng Chen, Fowlkes, J.B., Carson, P.L., Rubin, J.M., Adler, R.S. Autocorrelation of integrated power Doppler signals and its application 28092
Jian-Feng Liu, Lee, J.C.-M. An efficient and effective texture classification approach using a new notion in wavelet theory 5574
Jian-Feng Shi, Liang-Fang Chao A framework for algebraic transformations in iterative algorithms 10432
Jian-Gang Liu *see* Zheng-Feng Hu 58986
Jian-Gang Zhu, Lam, T., Hao Fang, Chang, T., Hua-Ching Tong, Rottmayer, R. Narrow track recording characteristics in thin film media 32847
Jian-Guo Ma Investigating nonlinear propagation in dielectric slab waveguides 45297
Jian-Guo Ma, Zhizhang Chen Solitary electromagnetic waves in non-Kerr-like nonlinear media 45073
Jian-Guo Zhang High speed fibre-optic network using optical processing 6830
Jian-Guo Zhang Real-time communication networks based on optical fiber code-division multiple-access scheme 16257
Jian-Guo Zhang Strict optical orthogonal codes for purely asynchronous code-division multiple-access applications 16768
Jian-Guo Zhang Variable-bit-rate video transmission systems using optical fiber code-division multiplexing scheme 16816
Jian-Guo Zhang Demonstration of novel optical code-division multiplexing systems for multirate and variable-rate data communications 26717
Jian-Guo Zhang Very-high-speed fibre-optic networks for broadband communications 26902
Jian-Hua Dai *see* Ping Xie 24074
Jian-Hua Dai *see* Ping Xie 27682
Jian-Hua Gu *see* Jing-Huai Fang 61094
Jian-Hua Wang *see* Wang Jian-Hua
Jian-Huei Lee *see* Jr-Min Fan 43176
Jian-Huei Lee *see* Ruey-Shan Guo 20828
Jian-Hui Huang *see* Chain, K. 54562
Jian-Jang Huang, Ding-Wei Huang, Chung-Yen Chao, Jiun-Haw Li, Yang, C.C. Pump-probe measurements of carrier capture times in quantum well structures 55732
Jian-Jang Huang, Ding-Wei Huang, Chung-Yen Chao, Jiun-Haw Li, Yang, C.C., Ming-Ching Chen, Hao-Hsiung Lin Pump-probe studies of carrier capture processes in semiconductor multiple-quantum-well waveguides 54214
Jian-Jun Chen *see* De-Man Wang 24421
Jian-Jun Xue, Xiao-Hu Yu A mean field annealing partially-connected neural equalizer for pan-European GSM system 6545
Jian-Jun Zheng *see* Yan-Qing Lu 4067
Jian-Ming Jin, Berrie, J.A., Kipp, R., Shung-Wu Lee Calculation of radiation patterns of microstrip antennas on cylindrical bodies of arbitrary cross section 24590
Jian-Ming Jin, Ninglong Lu The unimoment method applied to elliptical boundaries 45048
Jian-Ming Jin, Xin-Qing Sheng, Weng Cho Chew Complementary perfectly matched layers to reduce reflection errors 56093
Jian-Ming Jin *see* Greenwood, A.D. 34241
Jian-Ming Jin *see* Guoxin Fan 36222
Jian-Ming Jin *see* Weng Cho Chew 45045
Jian-Ming Shyu *see* Yao-Tsung Tsai 11069
Jian-Ming Wang *see* Wang Jian-Ming
Jian-Ming Zhao *see* Zhao Jian-Ming
Jian-Ni Sheng *see* Sheng Jian-Ni
Jian-Qin Zhou *see* Zheng-Feng Hu 58983
Jian-Quan Yao *see* Yao Jian-Quan
Jian-Ren Zhang *see* Zhang Jian-Ren
Jian-San Chen *see* Chen Jian-San

Jian-Shan Li *see* Xu Liang 19217
Jian-She Wang Hierarchic "Edge" elements for high-frequency problems 45338
Jian-She Wang Finite element computation of antenna impedance including feed modeling 45407
Jian-Wen Cao *see* Cao Jian-Wen
Jian-Xia Lu *see* Lu Jian-Xia
Jian-Xin Liang *see* Cheng-Tian Xue 41424
Jian-Xin Xu, Qing-Wei Jia, Tong-Heng Lee Analysis of adaptive robust backstepping control schemes for PM synchronous motors 50940
Jian-Yu Liu *see* Morita, Y. 33214
Jian-Yu Liu *see* Wong, C.S.I. 32767
Jian-Yu Lu Limited diffraction array beams 37725
Jianan Wang *see* Simkin, D.J. 3786
Jianan Xue, Kai Yang Upper and lower bounds of stress-strength interference reliability with random strength-degradation 52334
Jianan Xue *see* Kai Yang 52356
Jianbai Xia *see* Xia Jianbai
Jianbing Wang *see* Wang Jianbing
Jianbo Guo *see* Guo Jianbo
Jianchao Zheng *see* Zheng Jianchao
Jiancheng Shi, Dozier, J. Estimation of snow water equivalence using SIR-C/X-SAR 18878
Jiancheng Shi, Painter, T.H., Dozier, J. Estimation of snow surface albedo using Landsat Thematic Mapper 18893
Jiancheng Zhang *see* Xinshan Li 59100
Jianda Shao *see* Shao Jianda
Jiandong Hu *see* Saigui Hu 4864
Jiandong Hu *see* Hu Jiandong
Jiandong Xu *see* Xu Jiandong
Jianfang Li *see* Li Jianfang
Jianfei Jiang *see* Jiang Jianfei
Jianfeng Lu *see* Lu Jianfeng
Jianfeng Ma *see* Ma Jianfeng
Jianfeng Zhai *see* Zhai Jianfeng
Jiang, B. *see* Tung-Sheng Chen 41539
Jiang, B. *see* Zurcher, P. 1378
Jiang, B.C., Duraisamy, R., Wiens, G., Black, J.T. Robot metrology using two kinds of measurement equipment 59007
Jiang, C.L. *see* Back, B.B. 7832
Jiang, C.L. *see* Harss, B. 49275
Jiang, D. *see* Shima, T. 32123
Jiang, D. *see* Wang, H. 56853
Jiang, F., Choi, S.S., Shrestha, G. Power system stability enhancement using static phase shifter 50362
Jiang, F., Ojiro, N., Ohmori, H., Sano, A. A new fully adaptive algorithm with assured stability for adaptive active noise control 15411
Jiang, F., Zhang, W.-M., Chen, Z.-T., Domier, C.W., Luhmann, N.C., Jr. Design and simulation of a broadband, high speed quasioptical beam switch array for moderate pulse reflectometry 36864
Jiang, F. *see* Choi, S.S. 19700
Jiang, F. *see* Zhang, W.-M. 53675
Jiang, G., Kuang, J., Boggs, S. Critical parameters for electrical tree formation in polyethylene 43531
Jiang, G. *see* Koeppen, C. 23804
Jiang, G. *see* Koeppen, C. 33399
Jiang, G.Z., Zhang, W.X., Kang, K. The focused fields of Fresnel zone plate lens 56126
Jiang, H., Shuttleworth, R., Al Zahawi, B.A.T., Power, A. Development of a new magnetic actuator for a vacuum switch 19909
Jiang, H., Zhu, J.T., Kellner, A.L., Yu, P.K.L., Liu, Y.Z. High-saturation-power waveguide photodetector for analog fiber-optic links 58354
Jiang, H. *see* Niho, T. 15858
Jiang, H. *see* Yamomoto, S. 28146
Jiang, H. *see* Yeom, K. 31762
Jiang, H.W. *see* Wong, L.W. 54152
Jiang, H.X., Lin, J.Y., Khan, M.A., Chen, Q., Yang, J.W. Surface emission of $In_xGa_{1-x}N$ epilayers under strong optical excitation 41899
Jiang, H.X. *see* Morkoc, H. 12362
Jiang, H.X. *see* Seong-Don Hwang 42909
Jiang, H.X. *see* Smith, M. 12213
Jiang, J. Algorithm design of an image compression neural network 57430
Jiang, J. A neural network design for image compression and indexing 57435
Jiang, J., Awadelkarim, O.O., Chan, Y.D. A study of carrier-trap generation by Fowler-Nordheim tunneling stress on polycrystalline-silicon/SiO_2/silicon structures 22455
Jiang, J. *see* Butler, D. 25745
Jiang, J. *see* Spika, Z. 40354
Jiang, J.C. New flat type fluorescent lamp for military LCD backlight 18988
Jiang, J.H. *see* Liu, W.J. 32984
Jiang, J.H. *see* Zeng, W. 22319
Jiang, L., Wang, Q., Schiff, E.A., Guha, S., Yang, J., Deng, X. Electroabsorption measurements and built-in potentials in amorphous silicon p-i-n solar cells 9555
Jiang, L. *see* Moro, L. 42031
Jiang, L. *see* Ushida, A. 53006
Jiang, L.C. *see* Li, W.S. 9476
Jiang, M., Sha, W., Rahman, L., Barnett, B.C., Andersen, J.K., Islam, M.N., Reddy, K.V. Synchronization of two passively mode-locked Er:doped fiber lasers using an acousto-optic modulator and grating design 33413
Jiang, M. *see* Cao, X.D. 33178
Jiang, M. *see* Kao, Y.-H. 23883
Jiang, M.C., Pan, C.T. Analysis and control of a three-phase voltage-doubler current-controlled reversible AC to DC converter 60869
Jiang, M.H. *see* Yuan, D.R. 10632
Jiang, M.M. *see* Jin, B.B. 11698
Jiang, N. *see* Wachsman, E.D. 51545
Jiang, N. *see* Won, J. 30885
Jiang, P. *see* Pan, J.J. 14000
Jiang, Q. *see* Bohringer, M. 30769
Jiang, R., Murthy, D.N.P. Two sectional models involving three Weibull distributions 52361
Jiang, R., Murthy, D.N.P. Parametric study of multiplicative model involving two Weibull distributions 52366
Jiang, S., Hamlin, S.J., Myers, J.D., Rhonehouse, D.L., Myers, M.J., Lucas, J. High-average-power 1.54-μm Er^{3+}:Yb^{3+}-doped phosphate glass laser 23846
Jiang, S. *see* Griebner, U. 23844
Jiang, S. *see* Koch, R. 23836
Jiang, S.P., Love, J.G., Badwal, S.P.S. Electrochemical techniques in studies of solid ionic conductors 36830
Jiang, S.S. *see* Kang, S.S. 13413
Jiang, S.S. *see* Liu, W.J. 32984
Jiang, S.S. *see* Zeng, W. 22319
Jiang, T. *see* Bao, N.Sh. 60618
Jiang, T. *see* Etzioni, O. 6195
Jiang, W., Gaw, C., Kiely, P., Lawrence, B., Lebby, M., Claisse, P.R. Effect of proton implantation on the degradation of GaAs/AlGaAs vertical cavity surface emitting lasers 24012
Jiang, W. *see* Baumgartner, H. 2393
Jiang, W.-D., Scott, B. TERMS: a centralized system for monitoring and managing nationwide HAB TCCC hardware/software 59974
Jiang, W.-N. *see* Wu, Y.-F. 32074
Jiang, X., Jia, C.L. The coalescence of [001] diamond grains heteroepitaxially grown on (001) silicon 10753
Jiang, X., Zhou, L., Gao, Z. Multispectral image fusion using wavelet transform 15783
Jiang, X. *see* Li, W.S. 9476
Jiang, X. *see* Zhang, W.J. 30937
Jiang, X.L., Li, L., Kumar, J., Tripathy, S.K. Photoassisted poling induced second harmonic generation with in-plane anisotropy in azobenzene containing polymer films 14287
Jiang, X.L. *see* Kim, D.Y. 55362
Jiang, X.R., Earth, J.E., Kruit, P. Combined calculation of lens aberrations, space charge aberrations, and statistical Coulomb effects in charged particle optical columns 24364
Jiang, X.R. *see* Bi, J. 42868
Jiang, X.R. *see* Kruit, P. 33831
Jiang, X.Y., Meier, U., Bunke, H. Fast range image segmentation using high-level segmentation primitives 25464
Jiang, Y., Brower, D.L., Zeng, L., Howard, J. Application of a digital phase comparator technique to interferometer data 31351
Jiang, Y., Ekstrom, A. Applying PWM to control overcurrents at unbalanced faults of forced-commutated VSCs used as static VAr compensators 38857
Jiang, Y., Ekstrom, W. General formulation for analysis of harmonic transfer through converters 19883
Jiang, Y. *see* Hara, M. 23138
Jiang, Y. *see* Jacobs, M.E. 51297
Jiang, Y. *see* Przekwas, A.J. 289
Jiang, Y. *see* Yang, D. 13244
Jiang, Y.G. *see* Qiu, Z.Y. 984
Jiang, Y.P. *see* Chukwujelwu Okafor, A. 11019
Jiang, Z. *see* Qing Hang Li 18219
Jiang, Z. *see* Williams, K.A. 23987
Jiang, Z.-T. *see* Hong, S. 22642
Jiang, Z.H., Zhang, X.R., Han, J.C. Electrostatic image method for dipole moment of a chain of two unequal conducting spheres 33809
Jiang, Z.X., Chen, R.J., Tischler, J.G., Weinstein, B.A., McCombe, B.D. Pressure dependence of the electron effective mass in GaAs up to the 1s(Γ)-1s(X) crossover 22224
Jiang, Z.X., Ryu, S.R., McCombe, B.D. Effect of donor impurities on far-infrared magnetospectroscopy of electrons in quasi-two-dimensional systems 2201
Jiang Bei *see* Bei Jiang
Jiang Benyi *see* Huang Wei 60326
Jiang Bo The design of the interfacing circuit for high precision measurement implemented by 8-bit A/D converter 27408
Jiang Bo *see* Bo Jiang
Jiang Chang, Bingwen Liu, Weiyou Cai Nonlinear simulation of hydroturbine governing system based on neural network 29131
Jiang Cheng Fang, De Jun Wan A fast initial alignment method for strapdown inertial navigation system on stationary base 8259
Jiang Cunhong *see* Cunhong Jiang
Jiang Dan *see* Sun Changqing 36785
Jiang Delong *see* Tian Jingquan 7417
Jiang Desheng *see* Liu Wei 32456
Jiang Desheng *see* Sun Baoquan 22351
Jiang Desheng *see* Desheng Jiang
Jiang Dongxiang, Ni Weidou Architecture and cooperation of a distributed intelligent diagnostic system for large scale power plants 29098
Jiang Dongxiang *see* Ni Weidou 28976
Jiang Fukang *see* Fukang Jiang
Jiang Fusong *see* Men Liqiu 43897
Jiang Gangyi, Zheng Yi, Choi Tae Young Morphological skeleton analysis of traffic signs on road 25329
Jiang Guanhui *see* Gao Baoxin 53679
Jiang Guo Zhong *see* Guo Zhong Jiang
Jiang Hai-Yun *see* Hai-Yun Jiang
Jiang Haibo *see* Haibo Jiang
Jiang Hong, Yang Youtang, Yang Weiqin Exploration on failure diagnosis of the electrostatic suspended gyro 30376
Jiang Hong *see* Hong Jiang
Jiang Hongan *see* Zhu Shifu 10628
Jiang Honghai *see* Honghai Jiang
Jiang Hongtao *see* Hongtao Jiang
Jiang Huabei *see* Huabei Jiang
Jiang Huei-Fen *see* Huei-Fen Jiang
Jiang Hui *see* Wang Renhua 15104
Jiang Huizhu *see* Yu Xiling 10590
Jiang Jean *see* Jean Jiang
Jiang Jian *see* Jian Jiang
Jiang Jianfei, Cai Qiyu, Zhou Zhengli, Tang Yusheng General Y parameters and small signal equivalent circuits of the superconducting field effect devices 3295
Jiang Jianfei *see* Tang Yusheng 3278
Jiang Jianguo *see* Li Qiong 29227
Jiang Jianliang *see* Yan Xuguang 3885
Jiang Jianling, Wang Jianguo, Huang Weiqin, Zhao Shuquan Full energy peak efficiency calibration of Ge(Li) detector for liquid samples with different weights 37299
Jiang Jianmin *see* Wu Yusheng 50371
Jiang Jie-Hong *see* Jie-Hong Jiang
Jiang Jing *see* Jing Jiang
Jiang Jingping *see* Xu Li 10349
Jiang Jingqi *see* Gao Xuebang 53571
Jiang Jinsheng *see* Jinsheng Jiang
Jiang Jiuxing *see* Jiuxing Jiang
Jiang Jiuxjng *see* Jiuxjng Jiang
Jiang Junwei *see* Junwei Jiang
Jiang Junzhang, Wang Fang The vector resultant phase shifter 21840
Jiang Ke, Ding Bao Yan, Zhang Qian Ling VLSI design for a new adaptive image compress coding 56808
Jiang Ke *see* Ke Jiang
Jiang Li *see* Li Jiang
Jiang Lingzhen *see* Zhao Feng 44825
Jiang Liu, Lanying He, Guangyu Chen, Wenhui Su A study on selected properties of $La_{1-x}Sr_xCoO_3$ and its application in sealed CO_2 lasers 24051
Jiang Mei-Qun *see* Xu Xue-Jun 501
Jiang Min-Hua *see* Mu Xiao-Dong 43989
Jiang Min-Hua *see* Yuan Duo-Rong 44634
Jiang Min-Hua *see* Zhang Liang-Min 33674
Jiang Min-Hua *see* Zhang Liang-Min 55850
Jiang Minghua *see* Sheq Deyuan 3764
Jiang Mingming *see* Jin Biaobing 55146
Jiang Mingzhen, Wu Wenge Optical fiber temperature sensor 58789
Jiang Minhua *see* Shen Deyuan 3791
Jiang Minhua *see* Yuan Duorong 24099
Jiang Minhua *see* Minhua Jiang
Jiang Nan *see* Nan Jiang
Jiang Nengzuo *see* Nengzuo Jiang
Jiang Qi *see* Qi Jiang
Jiang Qi-Rong *see* Qi-Rong Jiang
Jiang Qian, Mitsa, T., Hoffman, E.A. A physically based model for the registration of a 2D image sequence 25405
Jiang Quanzhong *see* Quanzhong Jiang
Jiang Ruiquan, Li Wenhua Analysis of the dynamic tracing performance of round inductosyn and digital display system 17597
Jiang Sheng-Yao, Wu Xin-Xin, Wu Shao-Rong, Bo Jin-Hai, Zhang You-Jie, Jia Hai-Jun Flashing and flashing coupled density wave oscillation in natural circulation system 38540
Jiang Shengyao *see* Jia Haijun 38497
Jiang Shengyao *see* Wang Fei 38499
Jiang Shifang *see* Gao Houlei 28933
Jiang Shufei *see* Shufei Jiang
Jiang Shui-Sheng *see* Zhao Yu-Cheng 43938
Jiang Song *see* Song Jiang
Jiang Songchar *see* Songchar Jiang
Jiang Tao *see* Tao Jiang
Jiang Tianzi *see* Tianzi Jiang
Jiang Tongbi *see* Tongbi Jiang
Jiang Wang *see* Wang Jiang
Jiang Wei *see* Wu Zhong 51043
Jiang Wei *see* Wei Jiang
Jiang Weisheng *see* Guan Xialing 49287
Jiang Wen Biao *see* Wen Biao Jiang
Jiang Wenbin *see* Wenbin Jiang
Jiang Wenjie *see* Wenjie Jiang
Jiang Wenquan *see* Li Hongqun 29483
Jiang Wu *see* Wu Jiang
Jiang Xiang Qian, Liu Xianbing, Li Zhu Research on an intelligent displacement sensing system using grating Doppler effect 36525
Jiang Xiaoyu *see* Ren Mingzhang 49008
Jiang Xiuying *see* Xiuying Jiang
Jiang Xunlei *see* Xunlei Jiang
Jiang Yadong *see* Yadong Jiang
Jiang Yasi *see* Zhou Peiming 23443
Jiang Yimin *see* Yimin Jiang
Jiang Ying *see* Ying Jiang

Jiang Yongmin, Hao Xinya, Feng Haihong, Hui Junying A study on 2-dimensional highlight distribution of underwater target 58493
Jiang Yongyuan *see* Yongyuan Jiang
Jiang Yu Zheng Constructing a 3D object model from multiple visual features 25674
Jiang Yu Zheng, Murata, A., Fukagawa, Y., Abe, N. Reconstruction of 3D models from specular motion using circular lights 5311
Jiang Yueyuan, Wang Wenran, Yang Nianzu, Li Dezhong Combination coding control rod position-indicating system 29049
Jiang Yueyuan, Xu Yong Study on the spacer grid of NHR-200 nuclear heating reactor 38496
Jiang Yueyuan *see* Li Dezhong 38500
Jiang Yueyuan *see* Wang Wenran 38503
Jiang Zai Sheng *see* Zai Sheng Jiang
Jiang Zeming *see* Huang Zhaoming 14260
Jiang Zhang Hong *see* Hong Jiang Zhang
Jiang Zhenbo *see* Ding Yaogen 53990
Jiang Zheng *see* Zheng Jiang
Jiang Zhi-Ping *see* Zhi-Ping Jiang
Jiang Zhiping, Liu Zejing, Lu Qisheng, Zhao Yijun Space spectrum and filtering of apertured Bessel beam 3960
Jiang Zhiping, Zhong Hairong, Lu Qisheng, Liu Zejin Measurement of 2D wavefront tilt using 1D array detectors 3962
Jiang Zhiping *see* Zhiping Jiang
Jiang Zhiqiang, Sun Baoting NLFDS integrated simulation software package and its application in FS 28528
Jiang Zhong-Tao *see* Zhong-Tao Jiang
Jiang Zhonghong *see* Zhonghong Jiang
Jiang Zhongnong *see* Zhongnong Jiang
Jiang Zhongxiang *see* Zhongxiang Jiang
Jiang Zhu Ya *see* Zhu Ya Jiang
Jiang Zilong *see* Zilong Jiang
Jiang Ziping *see* Ziping Jiang
Jiang Zikang *see* Zhang Yong 29229
Jiang Zuimin *see* Lu Xuekun 32148
Jiang Zunfu *see* Zunfu Jiang
Jiang Zuqing *see* Zuqing Jiang
Jiang-She Zhang *see* Zong-Ben Xu 10489
Jiang-Tao Wang *see* Wainright, J.S. 20019
Jiangde Peng *see* Peng Jiangde
Jiangfeng Zhong *see* Zhong Jiangfeng
Jiangjun Shi *see* Shi Jiangjun
Jiangling Zhang *see* Zhang Jiangling
Jiangqiang Tang *see* Tang Jiangqiang
Jiangsheng You *see* You Jiangsheng
Jiangshui Fan *see* Fan Jiangshui
Jiangtao Luo *see* Luo Jiangtao
Jiangtao Wen *see* Wen Jiangtao
Jiangtao Xi, Chicharo, J.F. Shift properties of discrete W transforms and real time discrete W analyzers 21213
Jianguang Li *see* Li Jianguang
Jianguang Wu *see* Wu Jianguang
Jianguang Xu *see* Xu Jianguang
Jianguo Bo *see* Bo Jianguo
Jianguo Cha *see* Cha Jianguo
Jianguo Jiang *see* Jiang Jianguo
Jianguo Wang *see* Wang Jianguo
Jianguo Yan *see* Yan Jianguo
Jianguo Yao *see* Yao Jianguo
Jianguo Yu *see* Wei Zhou 13361
Jianguo Yu *see* Yu Jianguo
Jianguo Zhang *see* Zhang Jianguo
Jianguo Zhu, Xiaosong Du, Dingquan Xiao, Sviridov, E.V., Hongtao Wang Preparation of beta barium borate thin films by rf magnetron sputtering 52816
Jianguo Zhu *see* Tingdi Liao 44030
Jianhao Hu *see* Hu Jianhao
Jianhao Meng, Shih-Fu Chang Buffer control techniques for compressed-domain video editing 5149
Jianhong Wu, Linsen Chen, Minxue Tang, Zhiwei Lu, Zhuyuan Hu Effect of processing procedures of reflection holograms in dichromated gelatin on their broadband characteristics 44793
Jianhong Wu *see* Linsen Chen 44796
Jianhong Wu *see* Wu Jianhong
Jianhua Gan *see* Yiqiu Wang 48306
Jianhua Lin *see* Lin Jianhua
Jianhua Lu, Liou, M.L. A simple and efficient search algorithm for block-matching motion estimation 56694
Jianhua Luo *see* Luo Jianhua
Jianhua Ma *see* Ikedo, T. 41358
Jianhua Ma *see* Runhe Huang 46805
Jianhua Shao, Chen, R.M.M. A seamless parallel algorithm for full chip compaction 11056
Jianhua Wang *see* Jianwu Xu 41565
Jianhua Wang *see* Wang Jianhua
Jianhua Wu *see* Hong Jiang Zhang 57413
Jianhua Xuan, Adali, T., Xiao Liu Information geometry of maximum partial likelihood estimation for channel equalization 25836
Jianhua Yao, Chih-Ho Yu Posture tracking and recognizing 35010
Jianhua Zhou, Medvedev, A.L., Smith, W.A., Golding, L.A.R., Thomas, J.D. Numerical modeling of the failing ventricle: impact of a nonpulsatile ventricular assist system 37878
Jianhua Zhu *see* Kuoping Wang 14435
Jianhua Zhu *see* Zhu Jianhua
Jianhue Yang *see* Yang Jianhue
Jianhui Huang *see* Chen, K. 43006
Jianhui Huang *see* Yuhua Cheng 21826
Jianjian Song *see* Han Yang Foo 52990
Jianjiang Zhou, Zhaoda Zhu, Yongze Su A method of improving quality of calculated image for large rotating angle 6915
Jianjie Cao *see* Cao Jianjie
Jianjun Chen *see* Chen Jianjun
Jianjun Fu *see* Fu Jianjun
Jianjun Gao *see* Gao Jianjun
Jianjun Huang *see* Huang Jianjun
Jianjun Luo *see* Luo Jianjun
Jianjun Yu *see* Yu Jianjun
Jiankang, J. *see* Skriver, H. 27057
Jiankang Hao *see* Hao Jiankang
Jiankun Li, Jin Li, Jay Kuo, C.-C. An embedded DCT approach to progressive image compression 56757
Jiankun Li, Jin Li, Kuo, C.-C.J. Layered DCT still image compression 56697
Jianli Wang *see* Wang Jianli
Jianli Zheng *see* Albin, S. 27501
Jianliang Jiang *see* Jiang Jianliang
Jianlin Li, Eung Sang Lee, Vithana, H., Bos, P.J. Super-twisted-nematic liquid crystal displays with multi-domain structures 33137
Jianlin Li, Nguyen, T.Q., Tantaratana, S. A design of near-perfect-reconstruction nonuniform filter banks 34869
Jianlin Li *see* Hoke, C.D. 55317
Jianlin Liu *see* Feng Wang 54378
Jianlin Yu *see* Ferguson, E.J. 32516
Jianling Jiang *see* Jiang Jianling
Jianlong Zhao *see* Zhao Jianlong
Jianlun Xie *see* Xie Jianlun
Jianluo Zhang, Lit, W.Y., Schinn, G.W. Cancellation of associated frequency dithering in a single-frequency compound-ring erbium-doped fiber laser 14004
Jianmin Jia, Dyer, J.S. A standard measure of risk and risk-value models 30447
Jianmin Jiang *see* Jiang Jianmin
Jianmin Shi, Tang, C.W. Doped organic electroluminescent devices with improved stability 44265
Jianming Chen, Lee, F.H., Breipohl, A.M., Adapta, R. Spreading capacity cost in real time pricing 28837
Jianming Hu, Hong Yan Automatic reading of the white pages in a telephone directory 15967
Jianming Hu, Hong Yan Polygonal approximation of digital curves based on the principles of perceptual organization 57195
Jianming Li, Jones, K.W., Coleman, J.H., Yi, J., Wallace, R., Anderson, W.A. Properties of silicon-on-defect-layer material 12591
Jianming Li *see* Li Jianming
Jianming Shi *see* Yang Dai 485
Jianming Wu, Kohno, R. A wireless multi-media CDMA system based on processing gain control 26347
Jianming Xiao *see* Xiao Jianming
Jianming Yu *see* Yu Jianming
Jianming Yuan, Giannakis, G.B. Product multi-lag high-order ambiguity function for blind equalization of polynomial phase signals 46527
Jianming Yuan *see* El-Sherif, M.A. 17424
Jianming Zhao *see* Mengjia Sun 4110
Jianming Zhao *see* Zhao Jianming
Jiann Tsuen Lin *see* Chia-Chen Hsu 4018
Jiann-Der Lee Genetic approach to select wavelet features for contour extraction in medical ultrasonic imaging 7978
Jiann-Der Lee A fast geometrical approach to camera extrinsic parameters 35229
Jiann-Fu Lin, Sao-Jie Chen Comment on 'Broadcasting cryptosystem in computer networks using interpolating polynomials' 6225
Jiann-Fuh Chen, Jiunn-Nan Lin, Tsu-Hua Ai The techniques of the serial and paralleled IGBTs 43008
Jiann-Fuh Chen, Shin-Der Chen Multiobjective power dispatch with line flow constraints using the fast Newton-Raphson method 38259
Jiann-Fuh Chen *see* Wei-Min Wang 50534
Jiann-Fuh Chen *see* Chen Jiann-Fuh
Jiann-Jone Chen, Hsueh-Ming Hang Source model for transform video coder and its application. II. Variable frame rate coding 56682
Jiann-Jone Chen *see* Hsueh-Ming Hang 56681
Jiann-Liang Chen, Pei-Hwa Huang A fuzzy expert system for network fault management 26023
Jiann-Ruey Chen *see* Chen, F.Y. 3003
Jiann-Shing Lih *see* Otsuka, K. 55554
Jiann-Shing Shieh, Liang-Wey Chang, Shou-Zen Fan, Chien-Chiang Liu Hierarchical monitoring and fuzzy logic control of muscle relaxation 49756
Jiann-Shing Shyu *see* Jih-Chen Chiang 54217
Jiann-Shiun Kao *see* Ching-Fa Yeh 42358
Jiann-Shu Lee, Chin-Hsing Chen, Yung-Nien Sun, Guan-Shu Tseng Occluded objects recognition using multiscale features and Hopfield neural network 25562
Jiannan Wu *see* Yusheng Rao 7769
Jiannong Cao *see* Weijia Jia 26104
Jiannong Cao *see* Weijia Jia 57634
Jianping Ding, Itoh, M., Yatagai, T. Optimum design of incoherent filter for image recognition 46398
Jianping Fan, Liming Zhang, Rong Wang, Dingjia Xing, Fuxi Gan Adaptive image sequence coding based on global and local compensability analysis 5506
Jianping Lu, Xjaoyin Hong, Dan Liu, Peiqing Wang, Yongqi Chen Study of the function of fluorine anions in development-free vapor photolithography 2486
Jianping Pan Two-stage vector quantization-pyramidal lattice vector quantization and application to speech LSP coding 15099
Jianping Wang *see* Wang Jianping
Jianping Xie *see* Xie Jianping
Jianping Yan *see* Yan Jianping
Jianping Yin, Shiqun Zhu, Weijian Gao, Zhaoming Pu Measurement of the ultralow stray light in a double monochromator 7664
Jianping Yin, Wenbao Wang Quantum information optics and it's recent progress (I): the preparation of quantum states 56615
Jianping Yin, Yuzhu Wang Generation of open-loop nonclassical correlation state of the light by the technique of quantum information copy 48556
Jianping Yu *see* Yu Jianping
Jianping Zhang *see* Guotong Du 14189
Jianqiang Xin *see* Xin Jianqiang
Jianqiang Yang Rijie Wang *see* Yang Rijie Wang Jianqiang
Jianqin Suo *see* Suo Jianqin
Jianqing Zheng *see* Aburdene, M.F. 668
Jianqiu Lei *see* Qiying Chen 33380
Jianqiu Xu *see* Xu Jianqiu
Jianqua Yao *see* Yao Jianqua
Jianquan Wang *see* Wang Jianquan
Jianren Huang *see* Huang Jianren
Jianrong Bu, Longya Xu An effective deadbeat fuzzy algorithm for current regulation in stationary reference frame 29313
Jianrong Bu *see* Hsin-Kuo Lin 38682
Jianrong Wang *see* Siouris, G.M. 38160
Jianrong Yang *see* Yang Jianrong
Jianrong Zhang *see* Zaibing Guo 43642
Jianrong Zhang *see* Zhang Jianrong
Jiansen Zhu, Daqing Zou, Fulong Dai, Sheng Liu, Yi-Fan Guo High temperature deformation of high density interconnects and packages by moire interferometry/FEM hybrid method 30263
Jiansheng, X. System design of International Broadcasting Centre of the 4th World Conference on Women of the United Nations 7043
Jiansheng Wang *see* Wang Jiansheng
Jiansheng Yuan, Xinshan Ma, Xiang Cui Three-dimensional eddy current calculation by an adaptive three-component boundary element algorithm 44944
Jianshu Li *see* Xianxin Zhong 17460
Jiansu Miao *see* Miao Jiansu
Jianu, A. *see* Mihalca, I. 3065
Jianwei Miao, Clements, M.A. Optimal discriminant feature-based waveform recognition with neural networks 25759
Jianwei Wan *see* Wan Jianwei
Jianwei Zhu *see* Yang Cao 54901
Jianwei Zhu *see* Zhu Jianwei
Jianwen Hua, Liren Liu, Guoqiang Li Performing fractional Fourier transform by one Fresnel diffraction and one lens 56677
Jianwen Ren *see* Ren Jianwen
Jianwu Xu, Jianhua Wang The automatic design method of relay systems and cubicle structure and their CAD realization 41565
Jianxin Guo, Qingbing Wuang, Zhenjun Ma, Tao Yu, Xibin Shao, Ximin Huang Wide viewing angle of twist nematic liquid crystal in polymer networks 17696
Jianxin Li, Leon, B.J. A formal approach to model SNMP network management systems 46941
Jianxin Wang, Zaiwang Dong An FPGA approach of channel decoder for DAB test receiver 58531
Jianxin Wu *see* Wu Jianxin
Jianxiong Xu, Guanrong Chen, Shieh, L.S. Digital redesign for controlling the chaotic Chua's circuit 1099
Jianxue Xu *see* Xu Jianxue
Jianxun Jason Ding, Bhuyan, L.N. Evaluation of multi-queue buffered multistage interconnection networks under uniform and nonuniform traffic patterns 46699
Jianxun Jin *see* Jin Jianxun
Jianyao Chen, Champagne, A., Maciejko, R., Makino, T. Improvement of single-mode gain margin in gain-coupled DFB lasers 14183
Jianyao Chen, Maciejko, R., Makino, T. Dynamic properties of push-pull DFB semiconductor lasers 14131
Jianyao Wu, Jun Yan, Dechi Sun, Fuming Li, Luwei Zhou, Meng Sun Third-order nonlinear optical property of a polyphenylene oligomer: poly(2,5-dialkoxyphenylene) 44697
Jianyi Zhou *see* Zhou Jianyi
Jianying Hu, Brown, M.K. On-line handwriting recognition with constrained N-best decoding 4546
Jianying Li, Jaszezak, R.J., Van Multekom, A., Scarfone, C., Greer, K.L., Coleman, R.E. Half-cone beam collimation for triple-camera SPECT systems 7911
Jianying Li *see* Smith, M.F. 37673
Jianying Zhou, Cada, M., Makino, T. All-optical bistable switching dynamics in 1.55-μm two-segment strained multiquantum-well distributed-feedback lasers 33510

Jianying Zhou, Gollmann, D. Certified electronic mail 16210
Jianyong Xiang *see* Xiang Jianyong
Jianyu Zhang *see* Zhang Jianyu
Jianyuan Jia *see* Jia Jianyuan
Jianyun Yu *see* Weiqing Zhu 50002
Jianzhen Xu *see* Wengong Shi 50247
Jianzhong Chen *see* Chen Jianzhong
Jianzhong Guo *see* Qimin Chen 38132
Jianzhong Qian, Jun Zhou, Qiang Wang Linear phase dual-mode dielectric resonator filters without iris 53547
Jianzhong Qian *see* Qian Jianzhong
Jianzhong Shen *see* Shen Jianzhong
Jianzhong Yuan *see* Hong Luo 53544
Jianzhong Zhang, Zhongkong Wu, Yu, F.T.S. Electro-optic effect of photorefractive hologram 24271
Jianzhong Zhao *see* Zhang, Q.M. 32685
Jianzhong Zhong *see* Zhong Jianzhong
Jianzhong Zhu, Congxin Ren, Guoliang Chen, Chunying Yu, Jiali Wu, Haicuan Mu A new automotive air/fuel sensor based on TiO_2-doped Nb_2O_5 thin film by ion-beam-enhanced deposition 39360
Jianzhou Wu *see* Wu Jianzhou
Jiao, G.Y., Bogen, S., Frey, L., Ryssel, H. A multilaminate wire mesh ionizer for a Cs sputter negative ion source 49296
Jiao, L., Liu, H., Semoushikina, S., Lee, Y., Wronski, C.R. Importance of charge defects in a-Si:H materials and solar cell structures 39134
Jiao, L.-H. *see* Lee, Y.-H. 39154
Jiao Gang *see* Jin Biaobing 55146
Jiao Lihong *see* Lihong Jiao
Jiao Peinan *see* Ma Tiehan 28640
Jiao Qun *see* Lin Feng 38445
Jiao Yong *see* An Shouzhong 44826
Jiao Yongchang, Xiao Gaoxi, Hao Yue Quantitative analysis of linearly graded p-n junctions by the inverse operator method 2116
Jiao Zhifeng *see* Feng Ziliang 10672
Jiaofan Chen *see* Defu Cai 35009
Jiaoying Shi *see* Shi Jiaoying
Jiaqi Lin *see* Lin Jiaqi
Jiaqin Zhang *see* Peigang Li 43602
Jiaqing Song *see* Song Jiaqing
Jiarong Hong *see* Hong Jiarong
Jiarong Tong *see* Tong Jiarong
Jiasheng, R. The use and development of solar energy 28995
Jiasheng, R. Breakdown analysis of a refrigerator cryopump 29896
Jiasheng Chen, Xiaosong Zhu White balance tester with color sensor for industrial applications 58624
Jiatian Guo *see* Guo Jiatian
Jiawang Wang *see* Wang Jiawang
Jiawei Shi *see* Shi Jiawei
Jiawei Yang *see* Yang Jiawei
Jiawen Hua *see* Guoqiang Li 44130
Jiawen Zhang *see* Zhang Jiawen
Jiaxiang Han *see* Han Jiaxiang
Jiaxing Liu *see* Liu Jiaxing
Jiaxing Zhang *see* Zhang Jiaxing
Jiaxiong Fang *see* Fang Jiaxiong
Jiaxiong Peng *see* Peng Jiaxiong
Jiaxu Li *see* Li Jiaxu
Jiayin Qin, Xingshi Zheng, Xizhang Luo, Cong Li, Yikun Lin Revision on the calculation of optically pumped FIR laser spectrum with Doppler broadening and pressure broadening effects 13948
Jiayin Qin *see* Qin Jiayin
Jiayou Wang *see* Wang Jiayou
Jiayu Huang *see* Huang Jiayu
Jiayuan Fang, Zhaoqing Chen, Yuzhe Chen Reduction of power and ground noise coupling in mixed signal modules 41355
Jiayuan Fang, Zhonghua Wu Generalized perfectly matched layer for the absorption of propagating and evanescent waves in lossless and lossy media 14577
Jiayuan Fang *see* Tehrani, P.F. 2427
Jiayuan Fang *see* Yuzhe Chen 1763
Jiazhang Wang *see* Wang Jiazhang
Jiazhen Zhu *see* Zhu Jiazhen
Jiazhong Sun *see* Sun Jiazhong
Jiazi Sun *see* Sun Jiazi
Jiazong Zhang, Yunyi Wang, Xiangdong Wang A combination of piecewise harmonic balance technique and neural network for analyzing active antenna 34194
Jiazong Zhang *see* Zhang Jiazong
Jiben Liang *see* Liang Jiben
Jibiki, H. *see* Akaboshi, T. 16353
Jibrail, W.W.S., Al-Salman, S.M. Initial capture in packet radio networks using spread spectrum signalling 6469
Jichai Jeong, Park, Y.K. Accurate determination of transient chirp parameter in high speed digital lightwave transmitters 48005
Jichai Jeong *see* Tae Geun Kim 33531
Jichao Su, Tabarrok, B. A time marching integral equation method for unsteady state problems 52556
JiCheng Li *see* Li JiCheng
Jicheng Wang *see* Xinhua Zhang 24929
Jichun Tan *see* Tan Jichun
Jick Yu *see* Gang Bai 2437
Jie, K., Yufeng, L., Baomin, Z. Study on color low light level (CLLL) TV technology 15792
Jie, S. *see* Suying, Z. 13801
Jie Chee Chen *see* Chen Jie Chee
Jie Chen *see* Chen Jie
Jie Cheng *see* Zhaojing Zhou 34804
Jie Feng, Wei-Chung Lin, Chin-Tu Chen Fractional box-counting approach to fractal dimension estimation 5581
Jie Gu, Youngzhao Shen Iteration of phase window correlation and least-squares fit for Young's fringe pattern–processing 35318
Jie Guo *see* Guo Jie
Jie Li *see* Li Jie
Jie Li Guo *see* Guo Jie Li
Jie Liu *see* Liu Jie
Jie Mi Warranty policies and burn-in 39937
Jie Mi *see* Zhenmin Chen 30395
Jie Shen *see* Liu, W.B. 21203
Jie Sun, Jishan Zhu, Gongyun Zhao A predictor-corrector algorithm for a class of nonlinear saddle point problems 52513
Jie Tan *see* Tan Jie
Jie Wang *see* Yang, Z. 54159
Jie Wu *see* Haifeng Qian 46826
Jie Yang, Leejay Wu, Waibel, A. Focus of attention: Towards low bitrate video tele-conferencing 57977
Jie Yang, Waibel, A. A real-time face tracker 25472
Jie Yang *see* Stiefelhagen, R. 15752
Jie Yang *see* Yang Jie
Jie Zhang Speed sensorless AC drive fed by three-level inverter with full-dimensional spiral vector control for improved low-speed performance 29705
Jie Zhang, Dafu Cui, Huibin Lu, Zhonghao Chen, Yueliang Zhou, Lin Li, Guozhen Yang, Martin, S., Hess, P. Structural behavior of thin $BaTiO_3$ film grown at different conditions by pulsed laser deposition 30808
Jie Zhang *see* Zhang Jie
Jie Zheng *see* Zheng Jie
Jie Zhou *see* Zhou Jie
Jie-Cherng Liu *see* Hwang-Cheng Chiang 15158
Jie-Fang Li *see* Qi Tan 2951
Jie-Gu Li *see* Jun Lin 57227
Jie-Hong Jiang, Jing-Yang Jou, Juinn-Dar Huang, Jung-Shian Wei BDD based lambda set selection in Roth-Karp decomposition for LUT architecture 40830
Jie-Lin Li, Hong-Jun Su, Xian-Yu Su Two-frequency grating used in phase-measuring profilometry 36887
Jiebo Luo, Chang Wen Chen, Parker, K.J., Huang, T.S. A scene adaptive and signal adaptive quantization for subband image and video compression using wavelets 56685
Jiebo Luo *see* Chang Wen Chen 15479
Jiechang Hou *see* Gaofeng Wang 33933
Jiechang Hou *see* Gaofeng Wang 40243
Jiechun Gu *see* Gu Jiechun
Jiegu Li *see* Li Jiegu
Jieh-Ping Sih *see* Nai-Hsiang Sun 13645
Jiehui Zheng, Takahashi, S., Yoshikawa, S., Uchino, K., de Vries, J.W.C. Heat generation in multilayer piezoelectric actuators 23262
Jiehui Zheng *see* Zhang, Q.M. 32685
Jiejia Zhuang *see* Junbiao Zhu 23223
Jiemei Zhu, Hamada, N. Design of two-dimensional FIR fan filters with arbitrarily rotated frequency response 4712
Jieming Qi *see* Diaz, D.C. 17347
Jien-Chung Lo A fast binary adder with conditional carry generation 31180
Jien-Chung Lo, Kitakami, M., Fujiwara, E. Reliable logic circuits with byte error control codes–a feasibility study 31252
Jien-Chung Lo *see* Peilin Song 21654
Jien-Chung Lo *see* Peilin Song 31169
Jieping Chen *see* Chen Jieping
Jieping Wang *see* Wang Jieping
Jieru, W. *see* Wenyung, K. 28014
Jiesheng Chen *see* Tang, Z.K. 22334
Jieying Tang *see* Tang Jieying
Jifan Hu *see* Hu Jifan
Jifan Xie *see* Jun Yu 43584
Jifen Zhang *see* Zhang Jifen
Jifu Huang *see* Shuoqi Chen 21863
Jifu Huang *see* Shuoqi Chen 31466
Jifuku, Y. Electromagnetic compatibility in power electronics equipment. I. Overview: power electronics and electromagnetic compatibility 11171
Jih, E. *see* Pao, Y.-H. 21002
Jih Lien *see* Haddad, S. 1351
Jih Yuan, Nien-Hua Chao Effect of lamination tooling on dimensional stability of multilayer circuit boards 53780
Jih-Chen Chiang, Jiann-Shing Shyu L-electron effect in AlAs-GaAs-AlAs double-barrier structures 54217
Jih-Jen Wu, Hong, F.C.-N. Direct identification of diamond growth precursor using almost pure CH_4 or C_2H_2 near growth surface 21340
Jih-Phong Liu *see* Liu Jih-Phong
Jih-Sheng Lai Resonant snubber-based soft-switching inverters for electric propulsion drives 39327
Jih-Sheng Lai Resonant snubber based soft-switching inverters for electric propulsion drives 51748
Jih-Sheng Lai, Key, T. Effectiveness of harmonic mitigation equipment for commercial office buildings 38333
Jih-Sheng Lai *see* Fang Zheng Peng 28833
Jihad, G.A., Saunders, L.F. Automation of electrical equipment reliability report forms 38205
Jihong Geng Spectral control in copper bromide lasers and its application in high speed holography 3688
Jihong Kim, Yongmin Kim Performance monitoring and tuning for a single-chip multiprocessor digital signal processor 21728
Jihong Kim, Yongmin Kim UWICL: a multi-layered parallel image computing library for single-chip multiprocessor-based time-critical systems 46299
Jihong Kim, Yongmin Kim Performance analysis and tuning for a single-chip multiprocessor DSP 56503
Jihong Kim, Yongmin Kim, Gove, R.J., Golston, J. Performance evaluation of a single-chip digital signal processor based multimedia system using the Abingdon Cross benchmark 5513
Jihong Wang *see* Wang Jihong
Jihong Zhang *see* Zhang Jihong
Jihua Guo *see* Guo Jihua
Jihui Yu *see* Yu Jihui
Jiin-Long Lee *see* Shen-Iuan Liu 53415
Jiing-Yuan Lin, Wen-Zen Shen, Jing-Yang Jou A power modeling and characterization method for the CMOS standard cell library 11108
Jiing-Yuan Lin *see* Wen-Zen Shen 43305
Jijian Cheng *see* Cheng Jijian
Jik Kwon Sang *see* Sang Jik Kwon
Jike Liu *see* Liu Jike
Jikei, M. *see* Wu, A. 33299
Jikeng Lin *see* Lin Jikeng
Jikihara, K. *see* Watanabe, K. 3302
Jikihara, K. *see* Watanabe, K. 13520
Jikihara, K. *see* Watanabe, K. 43842
Jilin Duan *see* Duan Jilin
Jilun Zheng *see* Zheng Jilun
Jim-Hee Cho, Jae-Yuel Chung, Ki-Jun Han Implementation of a multimedia electronic mail system for the world-wide web environments 6015
Jim-Hee Low *see* Geok-Leong Tan 192
Jim-Mee Ng, Chu, C.M., Chan, E. An efficient algorithm for constructing a multicast routing tree with real-time constraints 47138
Jim-Rong Chen *see* Cheng, H.D. 21064
Jimaa, S., Cowan, C.F.N., Holt, M.J.J. Adaptive channel equalisation using least mean switched error norm algorithm 34845
Jimack, P.K. A best approximation property of the moving finite element method 21207
Jimarez, M. Manufacturability and early reliability data for large size, high I/O flip chips 22088
Jimarez, M. *see* Venkatraman, R. 20917
Jimarez, M.A. *see* Fallon, K.M. 22084
Jimba, Y. *see* Miyazaki, H. 22339
Jimbo, M., Komiyama, K., Shirota, Y., Fujiwara, Y., Tsunashima, S., Matsuura, M. Thermal stability of spin valves using amorphous CoFeB 43666
Jimbo, M. *see* Diao, Z.T. 43653
Jimbo, M. *see* Tsunashima, S. 43658
Jimbo, T. *see* Egawa, T. 44517
Jimbo, T. *see* Fujita, K. 13866
Jimbo, T. *see* Hasegawa, Y. 10733
Jimbo, T. *see* Murata, Y. 33467
Jimbo, T. *see* Soga, T. 40463
Jimei Wang *see* Wang Jimei
Jimel Wang *see* Wang Jimel
Jimenez, A.Duenas *see* Duenas Jimenez, A.
Jimenez, B. *see* Pardo, L. 54940
Jimenez, C. *see* Linares, P. 49439
Jimenez, C. *see* Perez-Rigueiro, J. 42650
Jimenez, C. *see* Perez-Rigueiro, J. 54575
Jimenez, D., Bartolome, E., Moreno, M., Munoz, J., Dominguez, C. An integrated silicon ARROW Mach-Zehnder interferometer for sensing applications 7314
Jimenez, E., Cabrera, F.J., del Rio, J.G.C. Sommerfeld: a FORTRAN library for computing Sommerfeld integrals 31483
Jimenez, E. *see* Ponce, L. 2057
Jimenez, F.Morales *see* Morales Jimenez, F.
Jimenez, J. *see* Garcia, C. 12183
Jimenez, J. *see* Garcia Poza, M.M. 10868
Jimenez, M. *see* Marcano, D. 34400
Jimenez, V., Alcubilla, R. An accurate transient model for BiCMOS gate optimization 53256
Jimenez, V. *see* Castaner, L. 36969
Jimenez, V.M., Espinos, J.P., Gonzalez-Elipe, A.R. Interface effects for metal oxide thin films deposited on another metal oxide. III. SnO and SnO_2 deposited on MgO(100) and the use of chemical state plots 32080
Jimenez, V.M., Mejias, J.A., Espinos, J.P., Gonzalez-Elipe, A.R. Interface effects for metal oxide thin films deposited on another metal oxide. II. SnO_2 deposited on SiO_2 32079
Jimenez Martin, J.L. *see* Ortega Gonzalez, F.J. 6515
Jimenez-Gonzalez, A., Suarez-Parra, R. Effect of heat treatment on the properties of ZnO thin films prepared by successive ion layer adsorption and reaction (SILAR) 2064
Jimenez-Tejada, J.A. *see* Godoy, A. 54661
Jimenez-Zamudio, J. *see* Montero-Hernandez, O. 52939
Jiming Lin *see* Lin Jiming
Jiming Liu, Tang, Y.Y., Qichao He, Suen, C.Y. Adaptive document segmentation and geometric

relation labeling: algorithms and experimental results 5650
Jiming Song *see* Wagner, R.L. 33918
Jimoh, M.A., Scholz, F. The nickel reactrode, a metal specific voltammetric electrode 48990
Jin, A. *see* Iwakami, N. 34574
Jin, B.B., Wu, R.X., Kang, L., Cheng, Q.H., Wu, P.H., Jing, D., Shao, K., Jiang, M.M., Zhang, J.Z., Sun, M.S., Wang, Y.Y., Zhou, Y.L., Lu, H.B., Xu, S.F., He, M. A hybrid superconductor/GaAs-MESFET microwave oscillator at 10.6 GHz 11698
Jin, B.J. *see* Juing-Yi Cheng 42510
Jin, B.M. *see* Erdei, S. 43886
Jin, C., Kubichek, R. Output-based objective speech quality using vector quantization techniques 14883
Jin, C.G. *see* Kimura, K. 22521
Jin, F. *see* Hu, F. 56290
Jin, F.-F., Neelin, J.D., Ghil, M. El Niño/Southern Oscillation and the annual cycle: subharmonic frequency-locking and aperiodicity 21158
Jin, G. *see* Huang, G. 15801
Jin, G. *see* Yuan, S. 3349
Jin, G.H., Harari, J., Vilcot, J.P., Decoster, D. An improved time-domain beam propagation method for integrated optics components 33086
Jin, G.J. *see* Kang, S.S. 13413
Jin, H. Behavior-mode simulation of power electronic circuits 53036
Jin, H. *see* Bakhshai, A. 29450
Jin, H. *see* Bakhshai, A.R. 19195
Jin, H. *see* Bakhshai, A.R. 51659
Jin, H. *see* Pande, M. 51138
Jin, H. *see* Pande, M. 51192
Jin, H. *see* Qiu, M. 50566
Jin, H.S. *see* Seung Hwan Yi 48744
Jin, I., Amar, A., Wellstood, F.C. Distributed microwave damping filters for superconducting quantum interference devices 53548
Jin, J. *see* Yi, Y. 29822
Jin, J.-M. *see* Fan, G. 45371
Jin, J.M., Chen, J., Chew, W.C., Gan, H., Magin, R.L., Dimbylow, P.J. Computation of electromagnetic fields for high-frequency magnetic resonance imaging applications 18326
Jin, J.M. *see* Chen, J. 37903
Jin, J.M. *see* Greenwood, A.D. 45374
Jin, J.M. *see* Sancer, M.I. 14565
Jin, J.S., Kurniawati, R., Xu, G. A scheme for intelligent image retrieval in multimedia databases 46462
Jin, J.S. *see* Jiaming Li 46151
Jin, J.S. *see* Li, J. 25611
Jin, J.X., Dou, S.X., Bhasale, R., Liu, H.K., Grantham, C., Savvides, N., Ionescu, M. Consideration of using HTS coils as a magnetic core bias winding 43849
Jin, J.X., Dou, S.X., Grantham, C., Bhasale, R., Liu, H.K. Preparing a $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10+x}$ Ag clad HTS wire for a fault current limiter prototype 50640
Jin, J.X., Grantham, C., Liu, H.K., Apperley, M., Dou, S.X. Electronic high voltage generator with a high temperature superconducting coil 50927
Jin, J.X., Liu, H.K., Grantham, C., Dou, S.X. Using Bi-2223 Ag clad tape as a liquid nitrogen level sensor 48452
Jin, L. Testing techniques for embedded memories in ASIC 53091
Jin, L. *see* Lin, Q. 15117
Jin, L. *see* Negahdaripour, S. 25482
Jin, L.H. *see* Wu, Y.Z. 17878
Jin, M. *see* Tang, E. 54536
Jin, M.Y. *see* Hanlin Wang 24149
Jin, Q., Yano, Y., Sugasawa, Y. Non-regenerative stochastic Petri nets: modeling and analysis 10319
Jin, Q. *see* Wu, J. 25852
Jin, S., Bender, H., Wu, M.F., Vantomme, A., Pattyn, H., Langouche, G. Epitaxial growth of Gd silicides prepared by channelled ion implantation 40398
Jin, S. *see* Huang, Y.Z. 17882
Jin, S. *see* Miwa, S. 10762
Jin, S.X. *see* Chen, K.M. 12340
Jin, S.X. *see* Zhang, G.Y. 52678
Jin, W., Culshaw, B., Xu, Y.Z. Multiplexing of fiber optic gyroscopes 27617
Jin, W. *see* Michie, C. 17400
Jin, X. *see* Chen, W.M. 7548
Jin, X. *see* Kang, S.S. 13413
Jin, X.M. *see* Sanie, J. 8577
Jin, Y. *see* Aniel, F. 54696
Jin, Y. *see* Kumar, A. 12469
Jin, Y. *see* Sylvestre, A. 54692
Jin Au Kong *see* Johnson, J.T. 24476
Jin Au Kong *see* Le Toan, T. 28677
Jin Biao-Bing *see* Biao-Bing Jin
Jin Biaobing, Kang Lin, Wu Ruixin, Zhang Jianyu, Cheng Qiheng, Wu Peiheng, Jing Dong, Jiao Gang, Shao Kai, Jiang Mingming, Zhang Jiazong, Sun Minsong, Wang Yunyi, Zhou Yueliang, Lu Huibin, Xu Shifa, He Meng, Wang Xiaoping, Yang Bingchuan, Lu Jian, Zhang Qishao High-T_c superconducting thin film/GaAs MESFET hybrid microwave oscillator 55146
Jin Byung-Moon *see* Byung-Moon Jin
Jin Byungmoon *see* Byungmoon Jin
Jin Cai-Xia *see* Cai-Xia Jin
Jin Chen *see* Qingrui Xu 9968
Jin Cheng *see* Cheng Jin
Jin Cheng Hai *see* Cheng Hai Jin
Jin Chiyi *see* Chiyi Jin
Jin Cho Ho *see* Ho Jin Cho
Jin Choi Hwan *see* Hwan Jin Choi
Jin Choi Hyung *see* Hyung Jin Choi
Jin Chung Myung *see* Myung Jin Chung
Jin Chung Su *see* Su Jin Chung
Jin Dongxing *see* Dongxing Jin
Jin En-Shun *see* Ma Dong-Ge 44284
Jin Enshun *see* Ma Dongge 23703
Jin Feng *see* Wang Jian-Hua 2143
Jin Gang Liu, Guo Jie Li, Yao Liang Qian Experimental verification of two hypotheses on spatial distribution of electromagnetic energy 55973
Jin Ge, Rajan, P.K. Reduction of sidelobes in the responses of optimal filters implemented on some SLMs 46206
Jin Gongjiu *see* Gongjiu Jin
Jin Gun Koo *see* Min Park 21977
Jin Guo-Fan *see* Guo-Fan Jin
Jin Guofan *see* Guofan Jin
Jin Guojun *see* Zhang Chenjun 46399
Jin Gyoyoung *see* Gyoyoung Jin
Jin Hai *see* Zhao Yuelong 13457
Jin Haiming *see* Haiming Jin
Jin Hanjuan *see* Chen Xinfeng 18143
Jin Hanmin *see* Yu Yan 43711
Jin Ho Choi *see* Jun Rim Choi 41326
Jin Ho Lee *see* Sung Weon Kang 41768
Jin Ho Lee *see* Youn Tae Kim 12615
Jin Ho Song *see* Young Min Kwon 19520
Jin Hong *see* Hong Jin
Jin Hong Lee *see* Jong-Hyeob Baek 52627
Jin Honglan *see* Honglan Jin
Jin Huaiyi *see* Mao Leshan 29228
Jin Hwang *see* Licht, S. 60985
Jin Hwang Tae *see* Tae Jin Hwang
Jin Hyuk Hong *see* Jin Kyun Park 60502
Jin Ick Lee *see* Jun Mo Koo 47764
Jin Il-Sup *see* Il-Sup Jin
Jin Jang *see* Bong Yeol Ryu 10924
Jin Jang *see* Jae Hoon Jung 53955
Jin Jang *see* Ki Hyung Kim 12166
Jin Jang *see* Kyu Chang Park 40552
Jin Jang Seok *see* Seok Jin Jang
Jin Jeon Young *see* Young Jin Jeon
Jin Jeong Ho *see* Ho Jin Jeong
Jin Jian-Ming *see* Jian-Ming Jin
Jin Jianxun *see* Li Xingyuan 28942
Jin Jing-Zhen *see* Jing-Zhen Jin
Jin Jisheng *see* Ji Yanchao 51107
Jin Joo Heung *see* Heung Jin Joo
Jin Ju *see* Ju Jin
Jin Jung Hee *see* Hee Jin Jung
Jin Kee Park *see* Hyun Joo Lee 21321
Jin Kim Bong *see* Bong Jin Kim
Jin Kim Hae *see* Hae Jin Kim
Jin Kim Myoung *see* Myoung Jin Kim
Jin Kim Sang *see* Sang Jin Kim
Jin Kim Young *see* Young Jin Kim
Jin Kong Hong *see* Hong Jin Kong
Jin Koo Rhee *see* Byung Hoon Jeong 54462
Jin Koog Shin *see* Jeong Hwan Kim 27294
Jin Kyun Park, Seong Soo Choi, Jin Hyuk Hong, Soon Heung Chang Development of the effectiveness measure for an advanced alarm system using signal detection theory 60502
Jin Lee Se *see* Se Jin Lee
Jin Lee Sook *see* Sook Jin Lee
Jin Lee Woo *see* Woo Jin Lee
Jin Li An output-shared buffer ATM switch 5750
Jin Li, Chuanlin Wu A modular growth architecture for an ATM switch 46643
Jin Li, Jaekyun Moon DC-free run-length-limited codes for magnetic recording 32864
Jin Li, Jay Kuo, C.-C. Fractal wavelet coding using a rate-distortion constraint 57100
Jin Li, Wang Jimei Measurement and study of arc characteristics of vacuum interrupter with high voltage and high capacity 29472
Jin Li *see* Jiankun Li 56697
Jin Li *see* Jiankun Li 56757
Jin Liang *see* Liang Jin
Jin Lijun *see* Song Yongjun 45517
Jin Lim Hee *see* Hee Jin Lim
Jin Limin *see* Limin Jin
Jin Lu *see* Lu Jin
Jin Mindge *see* Mindge Jin
Jin Ming *see* Ming Jin
Jin Minglu *see* Minglu Jin
Jin Oh Woo *see* Woo Jin Oh
Jin Pyo Hong, Jeong Soon Lee High T_c superconducting three-pole parallel-coupled bandpass filters made from laser ablated $YBa_2Cu_3O_{7-\delta}$ thin films 43871
Jin Ronghong *see* Ronghong Jin
Jin Rui *see* Rui Jin
Jin Sang Kyu *see* Sang Kyu Jin
Jin Seek Choi, Chong Kwan Un A nonblocking ATM switch with a single plane or multiple planes combined with a window scheme 5784
Jin Seek Choi, Kye Sang Lee, Chong Kwan Un Performance comparison of nonpreemptive and preemptive priority queueing strategies in ATM packet switch with input buffers 47472
Jin Seob Byun *see* Bum Ku Rhee 24065
Jin Seong Il *see* Seong Il Jin
Jin Shan *see* Liu Wei 32456
Jin Shengyu *see* Zhou Lei 32871
Jin Shengyu *see* Shengyu Jin
Jin Shi, Ji Min, Xue Gi Electrochemical fabrication of a novel conducting polythiophene film junction 12347
Jin Shi *see* Shi Jin
Jin Shuman *see* Hu Xuecheng 53331
Jin Sixuan *see* Tong Yuzhen 54082
Jin Song, H., Im, J.S. Excimer-laser crystallization of patterned Si films at high temperatures via artificially controlled super-lateral growth 12185
Jin Soo Park *see* Chong Eun Chung 11238
Jin Su Kim *see* Young Gyun Jeong 58181
Jin Sung Hyung *see* Hyung Jin Sung
Jin Sung Kim, Seok Ha Park, Yang Mo Kim Transfer characteristics of the zero-voltage-transition pulse-width-modulation boost converter 53031
Jin Sung-Gon *see* Sung-Gon Jin
Jin Tae Kim, Joon Pil Chang, Dong Wook Kim, Jong Soo Choi Multi-resolution hierarchical motion estimation in the wavelet transform domain 15678
Jin Tian *see* Tian Jin
Jin Wei *see* Wei Jin
Jin Won Park *see* Do-Heyoung Kim 12583
Jin Woo Jung *see* Sung Ho Lee 41819
Jin Wu Microwave specular reflections from breaking waves–measurement of hurricane winds from space 8421
Jin Wu Near nadir microwave specular returns from the sea surface–measurements of winds from breeze to hurricane 18827
Jin Wu *see* Savtchenko, A. 18890
Jin Wu *see* Wu Jin
Jin Xiaodan, Liao Yanbiao, Lai Shurong, Zhao Huafeng An optical fiber temperature sensor system based on the birefringent effect with high accuracy and compensation function 7383
Jin Xiaojun, Liang Junwu Kinetics and transport model for the chemical vapor epitaxy of Ge_xSi_{1-x} 42033
Jin Xin *see* Xin Jin
Jin Xin-Xiang A new algorithm for generating carrier adjusted differential GPS corrections 36071
Jin Xin-Xiang *see* Xin-Xiang Jin
Jin Xing *see* Yongsheng Zhao 3625
Jin Xu *see* Xu Jin
Jin Ya-Qin *see* Ya-Qin Jin
Jin Ya-Qiu *see* Ya-Qiu Jin
Jin Ying-Jun *see* Ying-Jun Jin
Jin Yong-Oak *see* Yong-Oak Jin
Jin Yong-Sung *see* Yong-Sung Jin
Jin Yongxing *see* Yao Zhixin 3701
Jin Yoon Hyung *see* Hyung Jin Yoon
Jin Young Kim, Jae Hong Lee Acquisition performance with adaptive pre-filtering for a DS/SSMA system in a multipath fading channel 47538
Jin Yu *see* Yu Jin
Jin Yuming Scaling law for lattice design of a storage ring 59179
Jin Yun Sun *see* Sun Jin Yun
Jin Yun Tae *see* Tae Jin Yun
Jin Yuqi *see* Duo Liping 23755
Jin Zeng-Sun *see* Gao Chun-Xiao 40310
Jin Zeng-Sun *see* Gu Chang-Zhi 893
Jin Zeng-Sun *see* Gu Chang-Zhi 31768
Jin Zhao, Zheng-Fan Li A time-domain full-wave extraction method of frequency-dependent equivalent circuit parameters of multiconductor interconnection lines 24510
Jin Zhao, Zhengfan Li FDTD analysis of the electrical performance for interconnection lines in multichip module (MCM) with perforated reference planes 31658
Jin Zhendong, Liu Jue, Lu Xingquan, Shi Zhengyi The open and distributed EMS SD-5000 with unique support software platform and its application in Zibo power system 50443
Jin Zhenhong *see* Xiang Dang 23860
Jin Zhou *see* Zhou Jin
Jin Zhuanzhi *see* Qu Xinghua 17197
Jin-Bong Kim *see* Yong-Yoo Kim 60581
Jin-Boo Choo, Young -Ki Baek, Young-Moon Park A new technique for contingency analysis 60238
Jin-Boo Choo *see* Dong-Joon Kim 60583
Jin-Cheng Wang, Hsiao-Dong Chiang, Karen Nan Miu, Darling, G. Capacitor placement and real time control in large-scale unbalanced distribution systems: loss reduction formula, problem formulation, solution methodology and mathematical justification 50555
Jin-Cheng Wang, Hsiao-Dong-Chiang, Karen Nan Miu, Darling, G. Capacitor placement and real time control in large-scale unbalanced distribution systems: numerical studies 50556
Jin-Chi Tseng *see* Wen-An Loong 42871
Jin-Di Wu *see* Ren-Ying Sun 13234
Jin-Fa Lee, Dyczij-Edlinger, R. Automatic mesh generation using a modified Delaunay tessellation 40288
Jin-Fa Lee, Lee, R., Cangellaris, A. Time-domain finite-element methods 45016
Jin-Fa Lee *see* Jo-Yu Wu 24435
Jin-Fa Lee *see* Perepelitsa, S.G. 41421
Jin-Fa Lee *see* Polstyanko, S.V. 44718
Jin-Fa Tang *see* Jia-Yu Zhang 33283
Jin-Fa Tian *see* Tian Jin-Fa
Jin-Fa Zhang *see* Hong-Ying Wu 9325
Jin-Fang Pan *see* Pan Jin-Fang
Jin-Fu Chang *see* Cheng-Shang Chang 25841

Jin-Fu Chang *see* Jeng-Ji Huang 35926
Jin-Fu Chang *see* Le-Pond Chin 36050
Jin-Geun Son, Kuk-Jin Kim, Jin-Sang Kim, Soo-Gon Kim, Hee-Jong Jeon On-line control for loss minimization in induction motor drives 51675
Jin-Hai Bo *see* Bo Jin-Hai
Jin-Hee Lee, Hyung-Sup Yoon, Bynng-Sun Park, Chul Soon Park, Sang-Soo Choi, Kwang-Eui Pyun Pseudomorphic AlGaAs/InGaAs/GaAs high electron mobility transistors with super low noise performances of 0.41 dB at 18 GHz 13015
Jin-Hee Lee *see* Byung-Sun Park 13007
Jin-Hi Shin, Joonwoo Lee, Yujin Chung, Byoung-Uk Ihn, Bumman Kim Low 1/f noise characteristics of AlGaAs/GaAs heterojunction bipolar transistor with electrically abrupt emitter-base junction 22783
Jin-Ho Hahm, Byung-Uk Choi A design of large scale video server based on hypercube architecture for video-on-demand service 7064
Jin-Ho Kim *see* Han-Yang You 6049
Jin-Ho Kim *see* Joon-Hyung Jeon 4949
Jin-Ho Kim *see* Kye-Kyung Kim 57173
Jin-Ho Lee, Dong-Hun Kim, Kyo-Seung Lee Numerical analysis of liquid helium in cryostat during superconducting magnetic quenching 43838
Jin-Ho Lee *see* Young-Moon Park 19107
Jin-Ho Seo, Woo, J.C., Mendicino, M., Vasudev, P.K. Charge-to-breakdown characteristics of thin gate oxide and buried oxide on SIMOX SOI wafers 42314
Jin-Ho Seo *see* Seok-Myeong Jang 51048
Jin-Hon Kim, Hyung-Joon Hwang, Jeong-Woo Choe Estimate of the resonant tunneling time for a quantum cascade laser 23949
Jin-Hua Hong, Chung-Hung Tsai, Cheng-Wen Wu Hierarchical testing using the IEEE Std 1149.5 module test and maintenance slave interface module 52156
Jin-Hua Li *see* Li Jin-Hua
Jin-Hui Zhai, Yu Ruan, Guofan Jin Image parallel storage technique using holographic optical disk 3339
Jin-Hwan Kim *see* Tae-Gyoo Lee 51667
Jin-Hyeok Choi *see* Yo-Hwan Koh 32545
Jin-Hyeok Kim *see* Ju-Won Soh 10725
Jin-Hyun Park *see* Hyun-Sik Kim 60793
Jin-Hyung Kim *see* Kee-Choon Kwon 38478
Jin-Il Hyun, Jin-Jong Cha, In Kang, Jaeseok Kim, Kyungsoo Kim Reverse link demodulator ASIC for CDMA cellular system 6653
Jin-Jang Leou *see* Che-Shun Ho 25318
Jin-Jian Chen *see* Chyan, O.M.R. 48457
Jin-Jong Cha *see* Jin-Il Hyun 6653
Jin-Jou Chen *see* Kuu-Young Young 36366
Jin-Kao Hao A clausal genetic representation and its evolutionary procedures for satisfiability problems 21107
Jin-Kao Hao *see* Dorne, R. 16615
Jin-Ki Kim, Koji Sakui, Sung-Soo Lee, Itoh, J., Suk-Chon Kwon, Kanazawa, K., Ji-Jun Lee, Nakamura, H., Kang-Young Kim, Himeno, T., Jang-Rae Kim, Kanda, K., Tae-Sung Jung, Oshima, Y., Kang-Deog Suh, Hashimoto, K., Sung-Tae Ahn, Miyamoto, J. A 120 mm^2 64 Mb NAND flash memory achieving 180 ns/byte effective program speed 1402
Jin-Ki Kim, Sakui, K., Sung-Soo Lee, Itoh, Y., Suk-Chon Kwon, Kanazawa, K., Ki-Jun Lee, Nakamura, H., Kang-Young Kim, Himeno, T., Jang-Rae Kim, Kanda, K., Tae-Sung Jung, Oshima, Y., Kang-Deog Suh, Hashimoto, K., Sung-Tae Ahn, Miyamoto, J. A 120-mm^2 64-Mb NAND flash memory achieving 180 ns/Byte effective program speed 53294
Jin-Ki Kim *see* Soon-Bok Lee 30220
Jin-Ki Kim *see* Tae-Sung Jung 1329
Jin-Koo Rhee *see* Il-Hyeong Lee 53576
Jin-Kyu Park, Tae-Soo Park, Sang-Hoon Lee, Chang-Hoon Choi, Kyung-Ho Kim An integrated TCAD system for VLSI reliability simulation 13104
Jin-Kyu Park *see* Sang-Hoon Lee 13105
Jin-Liang Wang *see* Cheng-Tian Xue 41424
Jin-Lin Hu, Shi-Ming Lin, Wen-Bing Wang Computation of PO integral on NURBS surface and its application to RCS calculation 36216
Jin-Long Wang *see* Liang-Teh Lee 25848
Jin-Man Han, Jung-Bae Lee, Sei Seung Yoon, Se-Jin Jeong, Churoo Park, Il-Jae Cho, Seung-Hoon Lee, Dong-Il Seo Skew minimization techniques for 256 M-bit synchronous DRAM and beyond 1416
Jin-Man Han *see* Jei-Hwan Yoo 1335
Jin-Man Sohn *see* Young Moon Park 50653
Jin-Mu Lin *see* Cha'o-Kuang Chen 21116
Jin-Nan Liaw *see* Kashyap, R.L. 15662
Jin-Nouchi, K. *see* Kamata, M. 61105
Jin-O Kim *see* Bong-Soo Kim 50492
Jin-Oh Kim, Hee-Sook Choi An object-oriented application framework for DANS management 26034
Jin-Ping Xu Equivalent network parameters of millimeter wave E-plane septum discontinuities with finite conductivity 34166
Jin-Sang Kim *see* Jin-Geun Son 51675
Jin-Sen Chen, Kin-Lu Wong Theory and experiment of slot-coupled cylindrical rectangular and circular microstrip antennas 34257
Jin-Seob Kang, Weng Cho Chew Time-domain distorted Born iterative method for imaging buried dielectric cylinder in underground lossy media 35369
Jin-Seog Choi *see* Su-Hyon Paek 13228
Jin-Shin Lai *see* Gwo-Ching Chang 49790
Jin-Shown Shie, Yeong-Maw Chen, Mang On-Yang, Chou, B.C.S. Characterization and modeling of metal-film microbolometer 17395
Jin-Shown Shie *see* Peng-Heng Chang 52742
Jin-Shown Shie *see* Yeong-Maw Chen 36469
Jin-Shry Yang *see* Yang Jin-Shry
Jin-Shung Liu *see* Tsuen-Lin Lee 10739
Jin-Shyr Yang *see* Tian-Hua Liu 9130
Jin-Song Huang *see* Huang Jin-Song
Jin-Song Wang *see* Rui-Gao Jia 13347
Jin-Soo Kim *see* Young-Seok Kim 50976
Jin-Soo Lee, Oh-Jun Kwon, Sung-Yang Bang Highly accurate recognition of printed Korean characters through an improved grapheme identification method 5019
Jin-Su Ko, Bon-Kee Kim, Kwyro Lee Simple modeling of coplanar waveguide on thick dielectric over lossy substrate 53521
Jin-Suck Kim *see* Moon-Deock Kim 24017
Jin-Suk Wang *see* Young-Jin Choi 51584
Jin-Teong Ong, Chun-Ning Zhu Rain rate measurements by a rain gauge network in Singapore 34065
Jin-Up Kim, Yoon Uh, Hye-Yeoun Kweon An improved base station modulator design for a CDMA mobile system 47579
Jin-Won Park *see* Ki-Hyun Hwang 32162
Jin-Woo Lee A novel decoupled current controller without overshoot for PWM converters 38820
Jin-Woo Lee A novel current controller without overshoot for PWM converters with the varying control bounds 51100
Jin-Woo Lee, Nae-In Lee, Jung-In Kan, Chul-Hi Han Characteristics of polysilicon thin-film transistor with thin-gate dielectric grown by electron cyclotron resonance nitrous oxide plasma 54642
Jin-Woo Shin *see* Young-Ho Lee 41412
Jin-Wook Chung *see* Chul-Jin Park 57924
Jin-Wook Chung *see* Sang-Chul Shin 57663
Jin-Woong Hong *see* Nung-Pyo Hong 43445
Jin-Xing Cai, Kai-Ming Feng, Xiaopeng Chen, Willner, A.E., Smith, D.A., Chau-Han Lee, Yung-Jui Chen Experimental demonstration of dynamic high-speed equalization of three WDM channels using acoustooptic modulators and a wavelength demultiplexer 58380
Jin-Yang Kim, Young-June Park, Hong-Shick Min Electrical properties of SOI n-MOSFETs under nonisothermal lattice temperature 54625
Jin-Young Jung, Seung-Youp Han, Yearn-Ik Choi, Sang-Koo Chung An analytical modeling for the breakdown voltage of the Schottky diode with a double epi-layer 54572
Jin-Young Jung *see* Seung-Youp Han 54634
Jin-Yuan Chen *see* Gandhi, O.P. 49824
Jin-Yue Gao *see* Tie-Jun Chang 23982
Jin-Yun Zhang *see* Rossi, M. 11579
Jin-Yun Zhang *see* Rossi, M. 15171
Jina, J., Bhattacharya, A.K., Walton, A.D. A new perspective in manufacturing systems design: turbulence management and rapid re-invention 9990
Jinan Xia *see* Xia Jinan
Jinbo, T. *see* Hashimoto, T. 22530
Jinbo, T. *see* Okamoto, K. 41207
Jinbo Kuang, Bennett, J.A., Bommakanti, R.G., Boggs, S.A. Temperature distribution in a ZnO arrester subjected to multiple current impulses 19407
Jinbo Kuang, Boggs, S. Defect-induced electrical signals in solid dielectric power cable and implications thereof for defect location 38357
Jinbo Kuang, Boggs, S.A. Thermo-electric field distribution around a defect in polyethylene [power cable insulation] 8907
Jinbo Kuang *see* Boggs, S.A. 19943
Jinbo Zeng *see* Zeng Jinbo
Jinbo Zhu *see* Zhu Jinbo
Jinchao Lu *see* Lu Jinchao
Jinchao Xu, Sheng Zhang Preconditioning the Poincare-Steklov operator by using Green's function 40287
Jincheng Hao *see* Hao Jincheng
Jincheng Li, Kohler, J.L. New insight into the detection of high-impedance arcing faults on DC trolley systems 39486
Jinchoon Lee *see* Choong Yung Jung 40107
Jind-Yeh Lee, Samueli, H. Adaptive antenna arrays and equalization techniques for high bit-rate QAM receivers 47796
Jinde, Y. *see* Matsumura, M. 13869
Jindo, T., Nagamachi, M., Matsubara, Y. A study of image recognition on Kansei engineering 56824
Jinfa Qiu *see* Qiu Jinfa
Jinfa Tang *see* Bin Wang 3520
Jinfa Tang *see* Tang Jinfa
Jinfeng Kang, Ruqi Han, Guangcheng Xiong, Xiaoyan Liu, Yangyuan Wang Simple formulae for kinetic inductance of coupled superconducting microstrip lines 32957
Jinfeng Kang *see* Kang Jinfeng
Jing, D. *see* Jin, B.B. 11698
Jing, L. *see* Wang, Y. 16962
Jing, Z. *see* Lucovsky, G. 881
Jing, Z. *see* Lucovsky, G. 43016
Jing, Z. *see* Lucovsky, G. 54285
Jing Bing Zhang Computer-aided visual inspection for integrated quality control 1781
Jing Chen *see* Chen Jing
Jing Chunlei, Xiao Puying, Chen Zhiming Numerical analysis of field distribution in field limiting ring systems using finite element method 2717
Jing Deng, Gardener, J.E., Rodeck, C.H., Lees, W.R. Fetal echocardiography in three and four dimensions 28089
Jing Dong, Teng Fusheng, Li Chengyin, Fu Zuobao, Shi Jun, Xu Xiangdong Identification and calculation of the real time data from microwave supervisory systems [for power networks] 38450
Jing Dong *see* Jin Biaobing 55146
Jing Gui, Kuo, D., Marchon, B., Rauch, G.C. Stiction model for a head-disc interface: experimental 32839
Jing Hong *see* Hong Jing
Jing Hongmei, Zhang Guangyong Large-viewing angle circular viewing rainbow holography with holographic convergent screen 44802
Jing Huang *see* Hell, P. 52484
Jing Jiang *see* Chunhai Wang 17324
Jing Lee, Jung-Hua Chou, Shen-Li Fu Placement with reliability and wireability for power hybrid circuits 31109
Jing Lei *see* Lei Jing
Jing Li *see* Krasopoulos, A.V. 54493
Jing Li *see* Li Jing
Jing Liu *see* Liu Jing
Jing Luo *see* Luo Jing
Jing Meng ISAR imaging motion compensation in nonuniform rectilinear motion 26980
Jing Min *see* Xiang Lu 54334
Jing Pan *see* Pan Jing
Jing Peng Efficient memory-based dynamic programming 40119
Jing Shen *see* Shen Jing
Jing Tang *see* Tang Jing
Jing Wang, Dunford, W., Mauch, K. A comparison between some proposed boost topologies and conventional topologies in discontinuous inductor current mode 51122
Jing Wang *see* Wang Jing
Jing Wu *see* Weihong Liu 9527
Jing Xia-Bin *see* Ma Dong-Ge 44284
Jing Xiabin *see* Ma Shuhua 29588
Jing Xiao *see* Xiao Jing
Jing Yazhi *see* Fan Xiaoming 58705
Jing Ye *see* Ye Jing
Jing Yu *see* Lei Xu 14340
Jing Yuan *see* Yuan Jing
Jing Zhang *see* Zhang Jing
Jing Zhao *see* Wang, G.Y. 55576
Jing Zhou *see* Zhou Jing
Jing Zhu *see* Fuding Ge 10956
Jing Zhu *see* Zhu Jing
Jing-Biao Cui *see* Cui Jing-Biao
Jing-Gao Fei *see* Fei Jing-Gao
Jing-Huai Fang, Dan Huang, Jian-Hua Gu, Zu-Hong Lu, Hai-Fang Mao Sensitization of CdS/TiO_2 particulate film with organic dye 61094
Jing-Jou Tang *see* Kuen-Jong Lee 53126
Jing-Jou Tang *see* Kuen-Jong Lee 53133
Jing-Jun Xu *see* Xu Jing-Jun
Jing-Long Wu, Nakahata, M., Kawamura, S., Nishikawa, I., Tokumaru, H. Measurement of binocular stereoacuity for design of head mounted display with wide view 27798
Jing-Lun Zhou *see* Zhou Jing-Lun
Jing-Ming Jong *see* Leotta, D.F. 28124
Jing-Ming Jong *see* Xiang-Ning Li 28127
Jing-qin Su *see* Su Jing-qin
Jing-Shan Do, Rong-Yuh Shieh Electrochemical nitrogen dioxide gas sensor based on solid polymeric electrolyte 48706
Jing-Song Huang *see* Huang Jing-Song
Jing-Wei Zhang *see* Zhang Jing-Wei
Jing-Wen Zhang *see* Zhang Jing-Wen
Jing-Yang Jou *see* Jie-Hong Jiang 40830
Jing-Yang Jou *see* Jiing-Yuan Lin 11108
Jing-Yang Jou *see* Juinn-Dar Huang 11337
Jing-Yang Jou *see* Jyh-Mou Tseng 41119
Jing-Yang Jou *see* Li-Ren Huang 53130
Jing-Yang Jou *see* Li-Ren Huang 58631
Jing-Yi Wang *see* Otsuka, K. 24186
Jing-Ying Hou *see* Hou Jing-Ying
Jing-Yuh Chen *see* Lih-Wen Laih 22882
Jing-Yuh Chen *see* Shiou-Ying Cheng 42949
Jing-Zhen Jin *see* Premuzic, E.T. 60565
Jingan Cui *see* Cui Jingan
Jingan Yang Error analysis of localization and positioning using linear combination of model views 46276
Jingbao Liu *see* D'Couto, C. 39729
Jingbao Liu *see* Xiang Lu 54334
Jingbiao Cui, Rongchuan Fang Characterization of the diamond growth process using optical emission spectroscopy 30931
Jingbiao Cui, Yurong Ma, Rongchuan Fang Species characterization for a direct-current-biased hot filament growth of diamond using spatial resolved optical emission spectroscopy 887
Jingbo, L. *see* Zhiru, K. 58608
Jingbo Li, Agu, M. On attractive force of evanescent electromagnetic field on dielectric slab 4313
Jingchen Hao *see* Hao Jingchen
Jingcong Wang *see* Yang Ji 44160
Jingde Gao *see* Gao Jingde

Jingde Li *see* Wanqiang Cao 54976
Jingde Li *see* Weiqin Zou 54930
Jingde Li *see* Zhenhong Zhou 54905
Jingfan Zhang, Junren Gan, Linsheng Yao Analog integrated circuit parameter fault diagnosis using artificial neural network 54769
Jingfang Zhang *see* Zhang Jingfang
Jinghong Chen *see* Chen Jinghong
Jinghong Han *see* Han Jinghong
Jinghong Wang *see* Zhongde Wang 21635
Jinghua Jia *see* Jia Jinghua
Jinghua Li, Yuyuan Du, Jun Wang Design a pocket multi-bit multiplier in FPGA 53151
Jinghua Sun *see* Sun Jinghua
Jinghua Wang *see* Hailung Liu 40238
Jinghua Zhang *see* Zhang Jinghua
Jinghui Qiu *see* Qiu Jinghui
Jingiun Zhao *see* Zhao Jingiun
Jingjian Yang *see* Yang Jingjian
Jingjiang Yin, Qi Huang, Junming Zhou, Jingou Yin Molecular beam epitaxy growth of CdTe on (211)A GaAs 10728
Jingjiang Yin *see* Yin Jingjiang
Jingjin Wang *see* Wang Jingjin
Jingjing Xu *see* Xu Jingjing
Jingjuan Zhang *see* Yang Ji 44160
Jingjuan Zhang *see* Zhang Jingjuan
Jingjun Xu *see* Guangyin Zhang 23453
Jingjun Xu *see* Guoquan Zhang 56840
Jingjun Xu *see* Qiyin Fang 13557
Jingli Zhou *see* Zhou Jingli
Jingmin Xin *see* Kagiwada, H. 45733
Jingming Yang *see* Yang Jingming
Jingou Yin *see* Jingjiang Yin 10728
Jingou Yin *see* Yin Jingou
Jingping Jiang *see* Jiang Jingping
Jingping Xu *see* Xu Jingping
Jingping Zhang *see* Zhenghe Feng 53542
Jingping Zhang *see* Zhang Jingping
Jingqi Jiang *see* Jiang Jingqi
Jingqing Han *see* Ming Fang 19176
Jingquan Tian *see* Tian Jingquan
Jingqun Sun *see* Sun Jingqun
Jingru Liu *see* Liu Jingru
Jingshan Wang *see* Yuanyong Deng 55375
Jingshao Chen *see* Chen Jingshao
Jingsheng Zhu *see* Qianwang Chen 32189
Jingshown Wu *see* Yanp-Han Lee 6713
Jingshu Xing *see* Xing Jingshu
Jingtang He *see* He Jingtang
Jingtao Xi, Chicharo, J.F. Computing running discrete Hartley transform and running discrete W transforms based on the adaptive LMS algorithm 30685
Jinguji, K. *see* Takiguchi, K. 6716
Jinguji, K. *see* Takiguchi, K. 47947
Jingwei Tong *see* Tong Jingwei
Jingwei Xu, Krishnamoorthy, V., Jones, K.S., Law, M.E. A comparison of boron and phosphorus diffusion and dislocation loop growth from silicon implants into silicon 32128
Jingwen Li An approximation method for the analysis of GI/G/1 queues 52429
Jingwen Qiao *see* Peizhen Deng 10669
Jingwen Zhang, Huimin Liu, Weiyi Jia Influence of the internal photoinduced electric field on the formation of self-pumped phase conjugation in doped $(K_{0.5}Na_{0.5})_{0.2}(Sr_{0.75}Ba_{0.25})_{0.9}Nb_2O_6$ crystals 4041
Jingwen Zhang, Xinliang Lu, Liangmin Zhang, Xiaodong Mu, Quanzhong Jiang, Shao, Z., Chen, H., Minhua Jiang Conjugation fidelity and multiple reflection waves in self-pumped phase conjugators with doped $(K_{0.5}Na_{0.5})_{0.2}(Sr_{0.75}Ba_{0.25})_{0.9}Nb_2O_6$ crystals 4083
Jingwen Zhang *see* Xiaodong Mu 44642
Jingwen Zhang *see* Xiudong Sun 44754
Jingwen Zhang *see* Zhang Jingwen
Jingxin Shi, Yu-Sheng Lu Field-weakening operation of cylindrical permanent-magnet motors 9154
Jingxing Dong *see* Dong Jingxing
Jingxiong Huang *see* Huang Jingxiong
Jingya Hou, Fonash, S.J., Kessler, J. An experimental and computer simulation study of the role of CdS in CIS-type solar cells 39110
Jingyang Zhou *see* Zhou Jingyang
Jingying Hou *see* Baijun Chen 23696
Jingyong Liu *see* Liu Jingyong
Jingyu Hu *see* Hu Jingyu
Jingyu Ji *see* Ji Jingyu
Jingyu Yang *see* Qing Hu 21418
Jingyu Yang *see* Yang Jingyu
Jingyuan Zhang *see* Hong Wang 55874
Jingyuan Zhang *see* Zhang Jingyuan
Jingzeng Yi *see* Yi Jingzeng
Jingzhao She *see* She Jingzhao
Jingzhi Cheng *see* Cheng Jingzhi
Jinha Bo *see* Bo Jinha
Jinhai Bo *see* Bo Jinhai
Jinhai Si, Qiguang Yang, Yougui Wang, Peixian Ye, Shoubai Wang, Jinqui Qin, Daoyu Liu Excited-state enhancement of the third-order optical nonlinearity of a square planar complex 3993
Jinhee Lee *see* Pan-Seok Shin 41558
Jinhee Won *see* Su-Hyon Paek 13228
Jinho Choi *see* Kwan-Hee Yoo 56760
Jinho Choi *see* Yong Up Lee 45940
JinHo Hahm *see* HyoungJun Kim 6285
Jinhong Hu *see* Hu Jinhong
Jinhu Song *see* Song Jinhu
Jinhua Ren *see* Ren Jinhua
Jinhua Yan *see* Campbell, S.A. 22798
Jinhua Zhang *see* Zhang Jinhua
Jinhua Zhu *see* Zhu Jinhua
Jinhui Zhai, Yu Ruan, Guofan Jin, Minxian Wu, Yingbai Yan Holographic optical disk based joint transform correlator 43923
Jinhui Zhai *see* Zhai Jinhui
Jinhwan Jung, Kwanghee Nam A PI type dead-time compensation method for vector controlled GTO inverters 29447
Jinjin Li, Yang Zhao, Dacheng Li New type of common-path heterodyne profilometer 36915
Jinjun Deng *see* Deng Jinjun
Jinkawa, T. *see* Yamaura, H. 36758
Jinks, P. *see* Barringer, H. 31062
Jinks, R.F. Knowledge... understanding (mind the gap!) [electrical engineering education] 95
Jinliang Liu *see* Liu Jinliang
Jinliang Yan *see* Yan Jinliang
Jinlin Ni *see* Ni Jinlin
Jinling Liu *see* Liu Jinling
Jinmin Li *see* Dong Pan 7334
Jinmin Lin *see* Lin Jinmin
Jinmin Zhang *see* Zhang Jinmin
Jinming Fang *see* Fang Jinming
Jinmu Lin *see* Lin Jinmu
Jinn-Ke Jan, Yuh-Min Tseng On the security of image encryption method 24753
Jinn-Liang Liu, Ing-Jer Lin, Miin-Zhih Shih, Ren-Chuen Chen, Mao-Chung Hsieh Object-oriented programming of adaptive finite element and finite volume methods 658
Jinn-Yi Yeh *see* Zhe Ning 30184
Jinno, K., Sekido, S., Sugino, M., Ofuji, M. Development of passenger sensing system 61307
Jin'no, K. *see* Miyata, J. 35095
Jinno, M. *see* Inoue, K. 26707
Jinno, M. *see* Kaminaga, K. 60393
Jinping Ma *see* Ma Jinping
Jinqi Gu *see* Gu Jinqi
Jinqi Wu *see* Wu Jinqi
Jinqing Chen *see* Chen Jinqing
Jinquan Dong, Gafney, H.D. Fabrication and patterning surface conductive porous glass 2386
Jinqui Qin *see* Jinhai Si 3993
Jinrong Wang *see* Zhixin Zhou 50045
Jinsha Yuan *see* Yuan Jinsha
Jinsheng Jiang, Joachim Holtz High dynamic speed sensorless AC drive with on-line model parameter tuning for steady-state accuracy 51719
Jinsheng Luo *see* Luo Jinsheng
Jinshu Wang *see* Wang Jinshu
Jinsock Lee *see* Manikas, A. 45728
Jinsong Huang *see* Baijun Chen 23696
Jinsong Wang, Weizhong Tang, Wen Zhou Cancellation of waves generated by four-wave mixing in amplified fibre line 24202
Jinsong Zhao *see* Zhao Jinsong
Jinsoo Song, Changhyun Lee, Koengsu Lim, Kyunghoon Yoon, Kwonjong Yu Highly textured ZnO thin films and SnO_2/ZnO bilayer films prepared by the pyrosol process 30860
Jinsoo Song *see* Gwon-Jong Yu 51589
Jinsoo Song *see* Kim, S. 38661
Jinsuk Kim, Kilnam Oh Effect of multi-layers of image planes on PCB radiation 41586
Jinsuk Wang *see* Youngjin Choi 18669
Jintao Huang *see* Huang Jintao
Jintian Zhu *see* Jian Mi 12527
Jinting Lin *see* Lin Jinting
Jintong Mao, Ballinger, R. Power efficient on-resonance saturation pulses for magnetization transfer in magnetic resonance imaging 7960
Jinushi, K. *see* Tomozawa, H. 13044
Jinwei Tong, Dougsheng Zhang, Hongqi Li, Guanghui Xu Automatic analysis of three-dimensional displacement field using ESPI 33750
Jinwook Burm, Chu, K., Davis, W.A., Schaff, W.J., Eastman, L.F., Eustis, T.J. Ultra-low resistive ohmic contacts on n-GaN using Si implantation 42254
Jinwook Burm, Litvin, K.I., Martin, G.H., Schaff, W.J., Eastman, L.F. Monolithic millimeter wave optical receivers 16694
Jinwook Burm, Schaff, W.J., Eastman, L.F., Amano, H., Akasaki, I. An improved small-signal equivalent circuit model for III-V nitride MODFET's with large contact resistances 54686
Jinwu Xu *see* Wang, D.D. 24927
Jinxing Shen, Hybler, T., Kost, A. Preconditioned iterative solvers for complex and unsymmetric systems of equations resulting from the hybrid FE-BE method 44964
Jinxing Xie *see* Fung, R.Y.K. 20794
Jinxiu Hu *see* Hu Jinxiu
Jinxu Tao *see* Tao Jinxu
Jinyu Wen *see* Wen Jinyu
Jinyuan Gao *see* Gao Jinyuan
Jinyuan Liu *see* Fei Luo 58822
Jinyuan Shen *see* Shen Jinyuan
Jinzenji, H., Hagishima, K. Real-time audio and video broadcasting of IEEE GLOBECOM '96 over the Internet using new software 58012
Jinzenji, T. *see* Chigiri, T. 29341
Jinzhao Wu *see* Wu Jinzhao
Jinzong Li *see* Li Jinzong
Jiong Luo *see* Luo Jiong
Jiong-Pan Zhou *see* Qiang Wu 26642
Jipa, S. *see* Notingher, P.V. 1750
Jiqian Zhu *see* Zhu Jiqian
Jiracek, G. *see* Pope, P. 50226
Jirachiefpattana, A., County, P., Dillon, T.S., Lai, R. Performance evaluation of PC routers using a single-server multi-queue system with a reflection technique 47169
Jirachiefpattana, A., Lai, R. An NPN system for Estelle verification 46758
Jiraskova, Y. *see* Zak, T. 3089
Jirattiticharoen, A., Hatori, M., Aizawa, K. Integrated macrocell/microcell (IMM) for traffic balancing in CDMA cellular system 47643
Jiren Lu *see* Lu Jiren
Jiren Wu *see* Pengfei Wu 44656
Jiren Yuan, Svensson, C. New TSPC latches and flipflops minimizing delay and power 1265
Jiren Yuan, Svensson, C. New single-clock CMOS latches and flipflops with improved speed and power savings 21587
Jiren Yuan, Svensson, C. Fast and robust CMOS double pipeline using new TSPC multiplexer and demultiplexer 53150
Jiren Yuan *see* Johansson, H.O. 2819
Jirousek, J., Zielinski, A.P. Survey of Trefftz-type element formulations 40255
Jirsak, V. *see* Nowak, P. 19594
Jirun Luo *see* Luo Jirun
Jisang Yoo *see* Ki Yong Lee 15071
Jiseung Nam *see* Jai-Sop Hyun 21795
Jishan Zhu *see* Jie Sun 52513
Jisheng Jin *see* Jin Jisheng
Jishi Zhang *see* Zhang Jishi
Jishiashvili, D., Shiolashvili, Z., Janelidze, R., Gobronidze, V., Kutelia, E., Mosidze, L., Nakhutsrishvili, I., Katsiashvili, M. Development of the amorphous, high resistivity Ge:(O,N) films for radiation-hardened MIS device applications 54281
Jishun Wu *see* Wu Jishun
Jitsukawa, H. *see* Matsushita, H. 10650
Jitsumori, A., Inari, T., Ando, S. Detection of the objects near the boundary surface using chirped ultrasonic wave 40732
Jitsuno, T. *see* Geun-Young Yoon 33600
Jiu Ding Tiong *see* Tiong Jiu Ding
Jiu-Chyun Liu *see* Sheau-Shong Bor 41442
Jiuchang Qin *see* Qin Jiuchang
Jiun Shiu, Ting-Kai Hwang, Yen-Wen Huang, Chiou-Ming Tsai, Wei-Min Su, Ya Cheng, Shi-Chung Chang, Cheng-Chung Chien FASE: a scheduling environment for semiconductor fabrication 30152
Jiun-Haw Li *see* Jian-Jang Huang 54214
Jiun-Haw Li *see* Jian-Jang Huang 55732
Jiun-Hwa Lin, Weng Cho Chew Three-dimensional microwave imaging by local shape function method with CGFFT 36878
Jiun-Tsuen Lai *see* Yung-Hui Yeh 12534
Jiun-Wei Horng, Jiunn-Ru Lay, Chia-Wen Chang, Maw-Huei Lee High input impedance voltage-mode multifunction filters using plus-type CCIIs 41305
Jiun-Wei Horng, Maw-Huei Lee, Hsi-Chih Cheng, Chia-Wen Chang New CCII-based voltage-mode universal biquadratic filter 53416
Jiun-Wei Horng, Ro-Min Weng, Maw-Huei Lee, Chia-Wen Chang Universal active current filter using two multiple current output OTAs and one CCIII 41318
Jiunn Rong Hwang *see* Ting Nung Shiau 50879
Jiunn-Lee Lin *see* Hsiao-Lung Chan 49696
Jiunn-Lih Lin *see* Chia-Chen Hsu 4018
Jiunn-Nan Lin *see* Jiann-Fuh Chen 43008
Jiunn-Ru Lay *see* Jiun-Wei Horng 41305
Jiunn-Yih Lee *see* Jeng-Shiann Wang 44096
Jiuxiao Lu *see* Jun-Ing Ker 20973
Jiuxing Jiang *see* Sheng Zhong 25303
Jiuxing Zhang *see* Zhang Jiuxing
Jiuxjng Jiang *see* Sheng Zhong 56839
Jivkov, I. *see* Spassova, E. 23097
Jiwen Li *see* Li Jiwen
Jiwen Zhang Two different forms of C-B-splines 10463
Jiwu Ling *see* Sheng Wu 24128
Jixaing Deng *see* Deng Jixaing
Jixing Li *see* Li Jixing
Jixion Zhang *see* Zhang Jixion
Jixiu Yuan *see* Yuan Jixiu
Jiyan Zou *see* Zou Jiyan
Jiyang Kang *see* Wonyong Sung 1505
Jiyang Wang *see* Xiaodong Mu 44642
Jiyang Wang *see* Wang Jiyang
Jiye Han, Guanghui Liu Global convergence analysis of a new nonmonotone BFGS algorithm on convex objective functions 40126
Jiyin Dui *see* Dui Jiyin
Jiying Shi *see* Shi Jiying
Jiyong Zeng *see* Zeng Jiyong
Jiyue Tang *see* Tang Jiyue
Jizhi Zhang *see* Zhang Jizhi
Jizhong Sun *see* Sun Jizhong
Jizuo Zou *see* Dongsheng Wang 36917
Jo, B.H. *see* Vook, R.W. 42753
Jo, J.H. *see* Kim, B.J. 48871
Jo, K.H. *see* Vook, R.W. 42742
Jo, T., Haseyamai, M., Kitajima, H. A map matching method with the innovation of the Kalman filtering 15857
Jo, W. *see* Bae Ho Park 52676
Jo, W. *see* Noh, T.W. 21298
Jo, W. *see* Park, B.H. 43483

Jo, Y.G., Abdurrahman, N.M., Wehring, B.W. Design of a neutron radiography collimator system in a through beam port at the TRIGA reactor 8013
Jo Bang Young *see* Young Jo Bang
Jo Byeong-Rim *see* Byeong-Rim Jo
Jo Hyunmin *see* Hyunmin Jo
Jo Jae Heung *see* Jae Heung Jo
Jo Kang-Hyun *see* Kang-Hyun Jo
Jo Min Sik *see* Min Sik Jo
Jo Moon-Ho *see* Moon-Ho Jo
Jo Nam Hong *see* Nam Hong Jo
Jo-Won Lee *see* Sung Hoon Kim 30883
Jo-Yu Wu, Kingsland, D.M., Jin-Fa Lee, Lee, R. A comparison of anisotropic PML to Berenger's PML and its application to the finite-element method for EM scattering 24435
Joachim, C., Gimzewski, J.K. An electromechanical amplifier using a single molecule 53822
Joachim, H.-O. *see* Kim, I.J. 43261
Joachim Holtz *see* Jinsheng Jiang 51719
Joachimowicz, N. *see* Mallorqui, J.J. 7979
Joannopoulos, J.D. *see* Chen, J.C. 3558
Joannopoulos, J.D. *see* Chen, J.C. 44180
Joannopoulos, J.D. *see* Shanhui Fan 55459
Joannopoulos, J.D. *see* Villeneuve, P.R. 33059
Joao Rosario, M. *see* Torres, J.P. 36022
Joao Rosario, M. *see* Torres, J.P. 36023
Job, H., Hart, G., Lealman, G. Improvements in long term phototherapy for patients with Crigler-Najjar syndrome Type I 8112
Job, R., Denisenko, A.V., Zaitsev, A.M., Melnikov, A.A., Werner, M., Fahrner, W.R. High sensitivity thermal sensors on insulating diamond 42915
Job, R. *see* Denisenko, A. 22760
Jobava, R., Karkashadze, D., Zaridze, R., Shubitidze, P., Pommerenke, D., Aidam, M. Numerical calculation of ESD 24349
Jobava, R.G., Shubitidze, P.I., Zaridze, R.S., Karkashadze, D.D. Investigation of the transient electromagnetic fields radiated or scattered by three-dimensional conducting bodies 45079
Jobbagy, A., Gyongy, L., Furnee, E.H. Biomedical applications of a high-precision passive marker based motion analyser 37717
Jobe, D. *see* Sanford, T.W.L. 7753
Jobe, K., Shoga, M., Koga, R. A systems-oriented single event effects test approach for high speed digital phase-locked loops 21782
Jobe, K. *see* Alley, R. 37033
Jobe, K. *see* Kotseroglou, T. 33602
Jobe, K. *see* Ross, M.C. 37150
Jobes, F.C., Bretz, N.L. A prototype imaging second harmonic interferometer 36664
Jobez, J.P. *see* Weilhammer, P. 37429
Jobic, H. *see* Rambaut, C. 23205
Jobmann, K. *see* Biesterfeld, J. 58197
Jobson, D.J., Rahman, Z., Woodell, G.A. Properties and performance of a center/surround retinex 35297
Jobson, D.J. *see* Rahman, Z.-U. 35131
Jobst, B. *see* Gutowski, J. 23917
Jobst, B. *see* Shao, H. 2219
Joch, A. CTI matures 47016
Jochem, T. *see* Langer, D. 27540
Jochmann, M.W. Development of a CMOS integrated zero-crossing discriminator using analog continuous-time division 59313
Jodar, L., Villanueva, R.J. Explicit solutions of implicit second-order difference systems in unbounded bilateral domains 381
Jodar, L. *see* Morera, J.L. 30641
Jodice, J.A. Relay Performance Testing: a Power System Relaying Committee publication 38419
Jodice, J.A., Giuliante, A.T. Protection scheme testing using a power system model 19386
Jodice, M. *see* Lolos, G.J. 59197
Jodkowski, J. *see* Gorecka, B. 49437
Joe, J. *see* Basten, M.A. 17983
Joe, J. *see* Booske, J.H. 12118
Joe, J. *see* Louis, L.J. 12117
Joe, J. *see* Scharer, J.E. 1948
Joe, K.Y. *see* Kim, E.S. 51301
Joe, P. *see* Cheng, D. 60073
Joe Inwhee *see* Inwhee Joe
Joe Kee-Yeon *see* Kee-Yeon Joe
Joe Ki-Youn *see* Ki-Youn Joe
Joe Myung Cheol *see* Myung Cheol Joe
Joe Young Joong *see* Young Joong Joe
Joe Yungil *see* Yungil Joe
Joel, D.D. *see* Wielopolski, L. 8121
Joelsson, K. *see* Eriksson, P. 48536
Joelsson, K.B., Fu, Y., Ni, W.-X., Hansson, G.V. Hall factor and drift mobility for hole transport in strained $Si_{1-x}Ge_x$ alloys 31888
Joelsson, K.B. *see* Ni, W.-X. 2168
Joelsson, K.B. *see* Radamson, H.H. 1989
Joergensen, C. *see* Danielsen, S.L. 36098
Joergensen, C. *see* Mikkelsen, B. 26895
Joergensen, J.L., Eisenman, A.R., Liebe, C.C. Autonomous vision in space, on an advanced stellar compass platform 59881
Joergensen, J.L., Eisenman, A.R., Liebe, C.C. Philosophy of design for low cost and high reliability [star tracker] 59888
Joergensen, J.L. *see* Liebe, C.C. 59890
Joerger, C. *see* Fiederle, M. 37321
Joerger, W. *see* Eiche, C. 10592
Joerger, W. *see* Fiederle, M. 10593
Joffe, E.B. A large "flat biconical" antenna for LLSC aircraft-illumination in the HF band 45206
Joffe, M.A. *see* Kishkovich, O.P. 42348
Joffre, M. *see* Cheriaux, G. 17830
Jog, M.A., Ayyaswamy, P.S., Cohen, I.M. Effect of elasto-plastic behavior of epoxy on thermal stresses in TAB packaging 10119
Joglekar, B. *see* Matsui, H. 23590
Joh, P. *see* Yong Surk Lee 1233
Johal, S.S. Non-linearity and randomness in a semiconductor wafer fab 32494
Johannes, H.-H. *see* Ammermann, D. 17605
Johannessen, J.A. *see* Wackerman, C.C. 18844
Johannessen, K. Security of TMN 35610
Johannessen, M. *see* Scott, C.J. 47405
Johannessen, O.M. *see* Espedal, H.A. 18913
Johannesson, N.O. The ETSI computation model: a tool for transmission planning of telephone networks 26060
Johannesson, R. *see* Forney, G.D., Jr. 24699
Johannsen, W. *see* Jurgens, C. 34676
Johannsmeyer, U. *see* Graube, M. 6762
Johansen, G.A., Abro, E. A new CdZnTe detector system for low-energy gamma-ray measurement 18149
Johansen, H. *see* Weissmantel, S. 43879
Johansen, J. *see* Riis, J.O. 39638
Johansen, P.M. Uniform physical theory of diffraction equivalent edge currents for implementation in general computer codes 33983
Johansen, P.M. *see* Dam-Hansen, C. 3308
Johansen, P.M. *see* Pedersen, H.C. 14438
Johansen, P.M. *see* Petersen, P.M. 14298
Johansen, S.G. Transfer pricing of a service department facing random demand 21027
Johansson, A. VDSL – broadband over copper 47407
Johansson, A. *see* Kriz, D. 36713
Johansson, A. *see* Priotti, P. 26392
Johansson, A.-L., Svensson, A. Multistage interference cancellation with decision directed channel estimation in multirate DS/CDMA on a mobile radio channel 47658
Johansson, B., Oberg, B. Upgrade of the world's largest hoisting plant at the Kiruna iron ore mine 20289
Johansson, B., Wickman, G. General collection efficiency for liquid isooctane and tetramethylsilane used as sensitive media in a parallel-plate ionization chamber 37927
Johansson, B.S., Batchellor, C.R., Egnell, L. Flexible bus: a self-restoring optical ADM ring architecture 16690
Johansson, D. *see* Wake, D. 47518
Johansson, G. *see* Stephansson, P. 51400
Johansson, H.O., Jiren Yuan, Svensson, C. A 4 Gsamples/s line-receiver in 0.8 μm CMOS 2819
Johansson, J. *see* Seifert, W. 40320
Johansson, J.M. *see* Jaldehag, R.T.K. 8351
Johansson, L. *see* Spurny, F. 18127
Johansson, L.-G. *see* Hu, Q.-H. 32914
Johansson, L.-S. *see* Seim, H. 52715
Johansson, L.G. *see* Kojouharov, R. 11700
Johansson, M., Sanford, J. Large finite periodic strip arrays 33997
Johansson, M. *see* Sundstrom, L. 1451
Johansson, M.E. *see* Wong, W.H. 55135
Johansson, P., Karlsson, J.M. Characteristics of an explicit rate ABR algorithm 35485
Johansson, S. A manageable optical network; a field demonstration 26760
Johansson, S. Metropolitan optical network 36167
Johansson, S. *see* Almstrom, E. 36085
Johansson, S. *see* Andraka, C.E. 29653
Johansson, S. *see* Greek, S. 54054
Johansson, U. *see* Gobl, G. 47430
Johar, S. *see* Das Gupta, S. 39423
Johba, T. *see* Iwahashi, M. 35052
Johlander, B., Harboe-Sorensen, R., Olsson, G., Bylander, L. Ground verification of in-orbit anomalies in the double probe electric field experiment on Freja 28558
Johlander, B. *see* Doyle, D. 6814
Johler, W., Wijngaard, J.H., Frohlich, K. Significant increase of the dielectric performance of plastic sealed telecom relays 11831
John, B.S. A case of lost opportunities: experience of aborted small windpower projects in West Wales 29180
John, H. *see* Roth, A. 8405
John, H.-J. *see* Oing, S. 45207
John, J., Fach, A., Masek, J., Muller, P., Paglino, C., Zogg, H. IR-sensor array fabrication in $Pb_{1-x}Sn_xSe$-on-Si heterostructures 7346
John, J. *see* Fach, A. 17358
John, J. *see* Paglino, C. 7337
John, J. *see* Zogg, H. 7396
John, J. *see* Zogg, H. 48646
John, J.P., Ilderem, V., Changhae Park, Teplik, J., Klein, K., Cheng, S. A low voltage graded-channel MOSFET (LV-GCMOS) for sub 1-volt microcontroller application 2654
John., M.D.St. *see* St. John., M.D.
John, M.J. *see* Hodgson, A.J. 7440
John, P. *see* Habermann, W. 48989
John, P. *see* Roberts, P.G. 10921
John, P.K. *see* Rastogi, A.C. 42697
John, S., Gendi Pang Theory of lasing in a multiple-scattering medium 13984
John, S. *see* Ray, S.K. 43057
John Yen, Bogju Lee A simplex genetic algorithm hybrid 52521
Johnck, M. *see* Wiesmann, R. 13681
Johnk, L.D. *see* Bradley, R.F. 47188
Johnk, R., Randa, J. Low-frequency representation of radio-frequency absorbers 45247
Johnk, R.T. *see* DeLyser, R.R. 4294
Johns, A.T. *see* Bo, Z.Q. 8898
Johns, A.T. *see* Bo, Z.Q. 9294
Johns, A.T. *see* Bo, Z.Q. 19391
Johns, A.T. *see* Bo, Z.Q. 19420
Johns, A.T. *see* Bo, Z.Q. 19430
Johns, A.T. *see* Bo, Z.Q. 38415
Johns, A.T. *see* Jayasinghe, J.A.S.B. 19327
Johns, A.T. *see* Kang, Y.C. 38416
Johns, A.T. *see* Moore, P.J. 8980
Johns, A.T. *see* Song, Y.H. 8850
Johns, A.T. *see* Song, Y.H. 8851
Johns, A.T. *see* Song, Y.H. 19191
Johns, A.T. *see* Song, Y.H. 19322
Johns, A.T. *see* Song, Y.H. 40127
Johns, A.T. *see* Wan, H.B. 8738
Johns, A.T. *see* Wang, G.S. 19821
Johns, D.A., Essig, D. Integrated circuits for data transmission over twisted-pair channels 47516
Johns, K. *see* Allison, W.W.M. 37269
Johns, M.E., Mudawar, I. An ultra-high power two-phase jet-impingement avionic clamshell module 28568
Johns, M.E., Mudawar, I. An ultra-high power two-phase jet-impingement avionic clamshell module 38152
Johns, S. *see* Zmuda, H. 25629
Johns, S.T. *see* Hayduk, M.J. 33465
Johns, S.T. *see* Hayduk, M.J. 55549
Johns, S.T. *see* Hayduk, M.J. 55564
Johnsgard, K. Two automatic spanning trees in small cancellation group presentations 466
Johnson, A. Number portability (NP) using the intelligent network 26310
Johnson, A., Peat, A., McWilliams, G.B. Change control in the High Integrity Control System 9029
Johnson, A. *see* Ashley, T. 3905
Johnson, A. *see* Cederkaell, J. 37466
Johnson, A. *see* Shahidi, R. 18399
Johnson, A.D. *see* Ashley, T. 44434
Johnson, A.H. *see* Goutzoulis, A.P. 4399
Johnson, A.L. *see* Foster, C.C. 49269
Johnson, B. *see* Leal, C. 20291
Johnson, B. *see* Venkataramanan, G. 50432
Johnson, B.A. *see* Hartley, R.H. 10740
Johnson, B.C. *see* Sakuma, F. 27208
Johnson, B.K., Venkataramanan, G., Manjrekar, M. A hybrid solid state phase shifter for continuous phase shift control in transmission lines 19326
Johnson, B.K. *see* Wall, R.W. 50619
Johnson, B.L. *see* Moftah, B.A. 59349
Johnson, B.R., Akinwande, A.I., Murphy, D. Characterization of lateral thin-film-edge field emitter arrays 53965
Johnson, B.W. *see* Ghosh, A.K. 52349
Johnson, B.W. *see* Smith, D.T. 52104
Johnson, C., Ula, N. Incorporating computer aided device and process simulation tools in undergraduate courses 20462
Johnson, C. *see* Toney, J.E. 37317
Johnson, C.M., Trattles, J.T. A robust finite element vector formulation of the semiconductor drift-diffusion equations incorporating anisotropic transport properties 12865
Johnson, C.M. *see* Pickert, V. 9584
Johnson, C.M. *see* Wright, N.G. 2705
Johnson, C.M. *see* Wright, N.G. 40896
Johnson, C.R. *see* Bayly, P.V. 59733
Johnson, C.R. *see* Chattipakorn, N. 59732
Johnson, C.R. *see* Han-Wei Shen 15575
Johnson, C.R. *see* Klepfer, R.N. 59681
Johnson, C.R. *see* Schmidt, J.A. 59761
Johnson, C.R., Jr., Lee, H.J., LeBlanc, J.P., Endres, T.J., Casas, R.A., Tai, E., Reznic, Z., Meyer, W.E., Lopez De Victoria, F., Treichler, J.R., Fijalkow, I., Ding, Z. On fractionally-spaced equalizer design for digital microwave radio channels 6488
Johnson, C.R., Jr. *see* Casas, R.A. 5709
Johnson, C.R., Jr. *see* LeBlanc, J.P. 25831
Johnson, C.W., Telford, A.J. Extending the application of formal methods to analyse human error and system failure during accident investigations 9981
Johnson, D. "We're helping them to be good teachers": using electronic dialoguing to connect theory and practice in preservice teacher education 30062
Johnson, D., Guenther, F.H. Acoustic space movement planning in a neural model of motor equivalent vowel production 56403
Johnson, D. *see* Arai, Y. 37267
Johnson, D. *see* Arai, Y. 37268
Johnson, D. *see* Constantine, C. 22593
Johnson, D. *see* LaBel, K.A. 49857
Johnson, D. *see* Wawrzynek, J. 53323
Johnson, D.C., Roach, J.F., Emery, F.T. Electrical stress analysis model of stator coil cross-section 9174
Johnson, D.C. *see* Albert, J. 13568
Johnson, D.C. *see* Theriault, S. 58806
Johnson, D.H. Optimal linear detectors for additive noise channels 15340
Johnson, D.H., Lee, Y.K., Kelly, O.E., Pistole, J.L. Type-based detection for unknown channels 25101
Johnson, D.H. *see* Etter, D.M. 9920

Johnson, D.H. *see* Gruner, C.M. 25100
Johnson, D.H. *see* Leang, C.C. 25086
Johnson, D.M. *see* Freyer, G.J. 45188
Johnson, D.P. Cleaning without CFCs: the flux/solvent puzzle 39771
Johnson, E., Souter, K. Improving geolocation and spatial accuracies with the Modular Integrated Avionics Group (MIAG) 18655
Johnson, E. *see* Fourcade, F. 50703
Johnson, E. *see* Pendse, R. 20469
Johnson, E. *see* Wolk, J.A. 52599
Johnson, E.D. *see* Graves, W.S. 49058
Johnson, E.E. *see* Bergeld, T.J. 59334
Johnson, E.E. *see* Bergfeld, T.J. 59333
Johnson, E.L. *see* Toppozada, A.R. 58859
Johnson, E.N., DeBitetto, P.A., Trott, C.A., Bosse, M.C. The 1996 MIT/Boston University/Draper Laboratory autonomous helicopter system 49914
Johnson, E.W., Brockman, J.B., Vigeland, R. Sensitivity analysis of iterative design processes 11089
Johnson, F., Crosbie, G.M., Donlon, W.T. The effects of processing conditions on the resistivity and microstructure of ruthenate-based thick film resistors 41696
Johnson, F. *see* Lemaire, E.D. 28429
Johnson, F.G., King, O., Seiferth, F., Stone, D.R., Whaley, R.D., Dagenais, M., Chen, Y.J. Solid source molecular beam epitaxy of low threshold 1.55 μm wavelength GaInAs/GaInAsP/InP semiconductor lasers 55712
Johnson, F.G. *see* Porkolab, G.A. 22565
Johnson, F.G. *see* Porkolab, G.A. 44247
Johnson, G., Feinberg, D.A., Venkataraman, V. A comparison of phase encoding ordering schemes in T_2-weighted GRASE imaging 7957
Johnson, G., Hunt, M.E., Determan, W.R., HoSang, P.A., Ivanenok, J., Schuller, M. Design and integration of a solar AMTEC power system with an advanced global positioning satellite 18687
Johnson, G., Hunt, M.E., Determan, W.R., HoSang, P.A., Ivanenok, J., Schuller, M. Design and integration of a solar AMTEC power system with an advanced global positioning satellite 37972
Johnson, G. *see* Romrell, G. 18746
Johnson, G.A., Loecher, M., Hunt, E.R. Stable states and kink dynamics in a system of coupled diode resonators 31070
Johnson, G.A. *see* Locher, M. 11158
Johnson, G.A. *see* Smith, B.R. 18313
Johnson, G.E., Muir, R.A., Scanlan, J.M., Steedly, W.M. The sliding frequency-domain adaptive filter algorithm amenable to parallel implementation 14876
Johnson, G.E. *see* LeBlanc, D.J. 4984
Johnson, G.E. *see* LeBlanc, D.J. 20206
Johnson, G.H., Galloway, K.F., Schrimpf, R.D., Titus, J.L., Wheatley, C.F., Allenspach, M., Dachs, C. A physical interpretation for the single-event-gate-rupture cross-section of n-channel power MOSFETs 22867
Johnson, G.H. *see* Allenspach, M. 8240
Johnson, G.H. *see* Allenspach, M. 22866
Johnson, G.M. *see* Slater, D.B., Jr. 2835
Johnson, G.W., Pietraszewski, D. Results of ADS communications testing 47797
Johnson, G.W. *see* Cohen, M.S. 6742
Johnson, H.L. Intrinsic Josephson effects in high-T_c superconductors–implications for future voltage standards 27241
Johnson, H.M. *see* Hammel, S.E. 25234
Johnson, I. *see* Brownson, R. 39932
Johnson, I.R., Barton, S.K. Signal processing hardware in a radio LAN demonstrator 26123
Johnson, I.R., Barton, S.K. Standards for wireless LANs 35703
Johnson, I.R. *see* Barton, S.K. 21805
Johnson, J. Digital scopes span the manufacturing process 17598
Johnson, J. Dynamic simulation of toner particle motion in a TonerJet printer 39468
Johnson, J. Coping before you are competent [business communication languages] 39663
Johnson, J. *see* Borel, C.C. 18795
Johnson, J. *see* Corlett, J.N. 49255
Johnson, J.C. *see* Levy, C.E. 8051
Johnson, J.E. *see* Morton, P.A. 16819
Johnson, J.E. *see* Wilson, G.C. 13688
Johnson, J.L. Nine links for control networks 7242
Johnson, J.L. *see* Kinser, J.M. 25652
Johnson, J.L. *see* Kinser, J.M. 25655
Johnson, J.L. *see* Kinser, J.M. 44136
Johnson, J.L. *see* Simmons, P. 24994
Johnson, J.M., Ahmat-Samii, Y. Genetic algorithms in electromagnetics 34000
Johnson, J.M., Rahmat-Samii, Y. The tab monopole 24563
Johnson, J.M., Rahmat-Samii, Y. MR/FDTD: a multiple-region finite-difference–time-domain method 33954
Johnson, J.M., Rahmat-Samii, Y. Wideband tab monopole antenna array for wireless adaptive and mobile information systems application 35941
Johnson, J.M. *see* Klaus, J.W. 40554
Johnson, J.N. *see* Dinan, J.H. 36671
Johnson, J.P., Rajarathnam, A.V., Toliyat, H.A., Gopalakrishnan, S., Fahimi, B. Torque optimization for a SRM using winding function theory with a gap-dividing surface 29276
Johnson, J.P. *see* Fahimi, B. 20123
Johnson, J.R. *see* Paolucci, P. 37242
Johnson, J.R. *see* Stagaman, G.J. 2551
Johnson, J.T., Shin, R.T., Eidson, J., Tsang, L., Kong, J.A. A method of moments model for VHF propagation 34041
Johnson, J.T., Shin, R.T., Eidson, J.C., Leung Tsang, Jin Au Kong A method of moments model for VHF propagation 24476
Johnson, J.W., Rasmuson, D.M. The US NRC's Accident Sequence Precursor Program: an overview and development of a Bayesian approach to estimate core damage frequency using precursor information 9062
Johnson, J.W. *see* Zimm, C.B. 51868
Johnson, K., Nguyen, T. Lattice structure for multifilters derived from complex-valued scalar filter banks 25056
Johnson, K. *see* Bristow, J. 52207
Johnson, K. *see* Butler, K.M. 30178
Johnson, K. *see* Christenson, K.K. 42482
Johnson, K. *see* Christenson, K.K. 42485
Johnson, K.A. *see* Balasingam, D. 9019
Johnson, K.E., Mate, C.M., Merz, J.A., White, R.L., Wu, A.W. Thin-film media–current and future technology 13458
Johnson, K.E. *see* Lin, G.H. 32841
Johnson, K.F., Gough, A.B., Waymouth, J.F. Program to fund light source research 20219
Johnson, K.F. *see* Frey, D.J. 39417
Johnson, K.K., Sandberg, I.W. A separation theorem for finite-precision digital systems 45850
Johnson, K.M. *see* Kazlas, P.T. 33331
Johnson, K.M. *see* Lin, W. 33135
Johnson, K.M. *see* McKnight, D.J. 33163
Johnson, K.M. *see* Mao, C.C. 33184
Johnson, K.M. *see* Metz, J.L. 37619
Johnson, K.M. *see* Metz, J.L. 37729
Johnson, K.M. *see* Morita, Y. 33214
Johnson, K.M. *see* Schuck, M.H. 33147
Johnson, K.M. *see* Wong, C.S.I. 32767
Johnson, K.R. *see* Hoffman, J.B. 4398
Johnson, K.S., Berggren, K.K., Black, A., Black, C.T., Chu, A.P., Dekker, N.H., Ralph, D.C., Thywissen, J.H., Younkin, R., Tinkham, M., Prentiss, M., Whitesides, G.M. Using neutral metastable argon atoms and contamination lithography to form nanostructures in silicon, silicon dioxide, and gold 2484
Johnson, L.A. *see* Hwu, S.U. 56121
Johnson, L.F. *see* Hammer, P.D. 8398
Johnson, M. The cause and effect of telecoms fraud 25993
Johnson, M. The bipolar spin transistor 54584
Johnson, M. *see* Abbott, B. 59324
Johnson, M. *see* Angstadt, R. 59309
Johnson, M. *see* Clinton, T.W. 43796
Johnson, M. *see* Duffy, A.P. 1693
Johnson, M. *see* Groat, J. 18624
Johnson, M. *see* Hirsch, M. 50666
Johnson, M. *see* Schmidt, H. 50156
Johnson, M.A., Narayana, S. Descriptors of arrival-process burstiness with application to the discrete Markovian arrival process 52411
Johnson, M.A. *see* Berthelot, Y.H. 40745
Johnson, M.A. *see* Katebi, M.R. 60523
Johnson, M.A. *see* Ordys, A.W. 38629
Johnson, M.A.L., Fujita, S., Rowland, W.H., Jr., Bowers, K.A., Hughes, W.C., He, Y.W., El.Masry, N.A., Cook, J.W., Jr., Schetzina, J.F., Ren, J., Edmond, J.A. MBE growth and properties of GaN on GaN/SiC substrates 30834
Johnson, M.A.L. *see* Hughes, W.C. 12784
Johnson, M.C., Roy, K. Optimal selection of supply voltages and level conversions during data path scheduling under resource constraints 1051
Johnson, M.D. *see* Tersoff, J. 21290
Johnson, M.E., Jackman, J. Interval coverage in multiclass queues using batch mean estimates 30436
Johnson, M.E. *see* Jain, S. 22028
Johnson, M.G. *see* Donnelly, K.S. 11610
Johnson, M.G. *see* Simmons, W.D. 6576
Johnson, M.G. *see* Simmons, W.D. 58163
Johnson, M.J., Fleetwood, D.M. Correlation between latent interface trap buildup and 1/f noise in metal-oxide-semiconductor transistors 42998
Johnson, M.J., Townsend, J.N. Achieving high throughput for data transfer over ATM networks 5834
Johnson, M.M. *see* Etherton, D.C. 47200
Johnson, M.O. *see* Ho, K.C. 26985
Johnson, M.P. Automated creation of visual routines using genetic programming 5326
Johnson, M.W. *see* Kadin, A.M. 17385
Johnson, N. *see* Murad, S. 22566
Johnson, N.F. *see* Rau, G. 22385
Johnson, N.L., Lunardon, G. Maximal partial spreads and flocks 45560
Johnson, N.M. *see* Gotz, W. 12230
Johnson, N.M. *see* Gotz, W. 12290
Johnson, N.M. *see* Hofstetter, D. 44518
Johnson, N.M. *see* Molnar, R.J. 21281
Johnson, N.M. *see* Nickel, N.H. 41862
Johnson, N.P. *see* Yates, H.M. 40653
Johnson, P., Henrikson, P. Continuous phase shift subtraction, a technique for vibration analysis in industrial environments 48942
Johnson, P. *see* Ludwig, C.T. 1703
Johnson, P. *see* Zhang, B. 49161
Johnson, P.A. *see* Koch, R.G. 19213
Johnson, P.E., Long, D.G., Oliphant, T.E. Geophysical modeling error in wind scatterometry 8452
Johnson, P.P., Littlewood, M. Scaling the Internet 6199
Johnson, P.T., Heath, D.G., Kuszyk, B.S., Fishman, E.K. CT angiography with volume rendering: advantages and applications in splanchnic vascular imaging 7969
Johnson, P.T., Heath, D.G., Kuszyk, B.S., Fishman, E.K. CT angiography: thoracic vascular imaging with interactive volume rendering technique 59449
Johnson, P.W., Novak, T., White, D.J., Stevenson, J.W., Mills, R.A., Lasseter, E.L., Boyer, C.M. Use of mine ventilation exhaust as combustion air in gas-fired turbo-electric generators 39489
Johnson, R. Crosscoupling analysis for wideband arrays 28113
Johnson, R. *see* Senior, J.M. 25943
Johnson, R. *see* Senior, J.M. 26387
Johnson, R. *see* Zmudzinski, C. 58359
Johnson, R.A. *see* Abe, K. 37234
Johnson, R.A. *see* Deng, F. 13004
Johnson, R.B., Chung, R., Gaitan, M. Real-time thermal infrared scene generation technology and its application in the test and calibration of infrared sensors and seekers for laboratory and field environments 36655
Johnson, R.B., Mann, A., Reardon, P.J., Peters, B.R. Compact infrared zoom lens for the 3-5 μm spectral band [missile seeker] 28712
Johnson, R.B. *see* Chao-An Li 50469
Johnson, R.B. *see* Chao-An Li 60335
Johnson, R.B. *see* Svoboda, A.J. 50467
Johnson, R.J., Liaw, M.L. Negotiating meaning over the Internet: Matching Taiwanese EFL students with US preservice teachers 16213
Johnson, R.O. *see* Kanodia, A. 4978
Johnson, R.O. *see* Whiteley, M.R. 28708
Johnson, R.P. BaBar silicon vertex tracker 37372
Johnson, R.W. *see* Czarnowski, J.M. 22098
Johnson, R.W. *see* Wentworth, S.M. 41386
Johnson, S. *see* Coutts, T.J. 38972
Johnson, S. *see* Morin, R. 23985
Johnson, S. *see* Phillips, D. 41204
Johnson, S. *see* Sadwick, L.P. 1918
Johnson, S.A. *see* Gardiner, A.I. 19881
Johnson, S.C., Chin, D.K., Rovinsky, R.B., Kostiuk, P.F., Lee, D.A., Hemm, R.V., Wingrove, E.R., III Reduction of weather-related terminal area delays in the free-flight era 60006
Johnson, S.M. Waterborne resist and solder mask 10230
Johnson, S.M. *see* Benson, J.D. 21287
Johnson, S.M. *see* De Lyon, T.J. 702
Johnson, S.M. *see* De Lyon, T.J. 48645
Johnson, S.M. *see* Rajavel, R.D. 711
Johnson, S.M. *see* Rajavel, R.D. 27578
Johnson, S.M. *see* Wu, O.K. 48663
Johnson, S.R. *see* Beaudoin, M. 27962
Johnson, S.R. *see* Kanskar, M. 43997
Johnson, S.R. *see* Pacradouni, V. 3409
Johnson, S.R. *see* Ritchie, S. 52680
Johnson, S.R. *see* Wheeler, C.B. 43341
Johnson, S.R. *see* Zhongze Wang 42350
Johnson, S.W. *see* Mauk, M.G. 38997
Johnson, T.C. *see* Moon Gi Kang 60076
Johnson, T.D., Nourry, G.R., Rahman, M.H. The addition of connection priority/pre-emption service to ATM 18999
Johnson, T.G. *see* Soderstrand, M.A. 34121
Johnson, W., Alers, G.A. Force measurement using vibrational spectroscopy 36922
Johnson, W. *see* Alminauskas, V. 19970
Johnson, W. *see* Laudon, M. 42885
Johnson, W.A. *see* Cummings, K.D. 32296
Johnson, W.A. *see* Laird, D.L. 32294
Johnson, W.H., Nguyen, L., Schanzer, B., Campbell, T., White, J. Non-contact sheet resistance measurements for doped polysilicon process control 42390
Johnson, W.H. *see* Louca, L. 21576
Johnson, W.N. *see* Kroeger, R.A. 59363
Johnson, W.R. *see* LaBelle, R.P. 50135
Johnson, W.R. *see* Lewis, H.L. 20192
Johnson, Z., Ramakrishna, K., Joiner, B., Eyman, M. Thermal sub-modeling of the wirebonded plastic ball grid array package 52273
Johnson, Za.W. *see* Scoles, D.L. 61065
Johnsson, A. *see* Ericsson, G. 50453
Johnsson, L. The cellular CNS concept (CCC) operating concept based on the VHF STDMA data link 8280
Johnsson, M., Westberg, L. Support for low bitrate applications in ATM networks 35927
Johnston, A. *see* Edmonds, L. 22993
Johnston, A. *see* Pease, R.L. 43254
Johnston, A.B. *see* Khamsehpour, B. 3098
Johnston, A.H., Lee, C.I., Rax, B.G. Enhanced damage in bipolar devices at low dose rates: effects at very low dose rates 22790
Johnston, A.H. *see* Lee, C.I. 22958
Johnston, A.H. *see* Lee, C.I. 23085
Johnston, A.H. *see* Rax, B.G. 23686
Johnston, A.M. *see* Held, R. 52724
Johnston, C. *see* Andric, O. 15303
Johnston, C. *see* Pang, L.Y.S. 22837
Johnston, C. *see* Raychaudhuri, D. 6089
Johnston, C.A. *see* Raychaudhuri, D. 26517
Johnston, C.N. *see* Flynn, E.G. 52282

Johnston, C.P.. The lifting scheme and finite-precision-error-free filter banks 25597
Johnston, D., Whittaker, S.J., Attwater, D.J. An overview of speech technology for telecom services in the United Kingdom 46961
Johnston, D., Wright, M., Shows, F. A Commercial Off The Shelf (COTS) solution to Air Force aircraft engine test requirements 38022
Johnston, D. *see* Sorin, C. 46959
Johnston, D.L. *see* Yi Wang 7986
Johnston, G.T. *see* Romaine, S.E. 28538
Johnston, J.A. The Project 2000 initiative: the next evolution of printed circuit board manufacturing 1830
Johnston, J.D., Thornton, E.A. An evaluation of thermally-induced structural disturbances of spacecraft solar arrays 18698
Johnston, J.D. *see* Sinha, D. 14827
Johnston, J.J. *see* Hyer, S.A. 8637
Johnston, K.S. *see* Karlsen, S.R. 7312
Johnston, K.S. *see* Shen, S. 48489
Johnston, K.W. *see* Bascom, P.A.J. 49556
Johnston, M.B. *see* Li, G. 22519
Johnston, M.D. *see* Dhalle, M. 32894
Johnston, P.R., Gulrajani, R.M. A new method for regularization parameter determination in the inverse problem of electrocardiography 18466
Johnston, P.R., Kilpatrick, D. An eccentric spheres model to study the inverse problem of electrocardiography from surface Laplacian measurements 49658
Johnston, R. *see* Bass, E.A. 29832
Johnston, R. *see* Meisel, J. 29845
Johnston, R.E., Washburn, D., Pisano, E., Burns, C., Thomlinson, W.C., Chapman, L.D., Arfelli, F., Gmur, N.F., Zhong, Z., Sayers, D. Mammographic phantom studies with synchrotron radiation 37639
Johnston, R.H., Ager, L.P., McRory, J.G. A new small antenna efficiency measurement method 34227
Johnston, R.H. *see* McRory, J.G. 11197
Johnston, S. *see* Thuy Tran-Quinn 42444
Johnston, S.L. Target fluctuation models for radar system design and performance analysis: an overview of three papers 58420
Johnston, S.L. Target model pitfalls (Illness, diagnosis, and prescription) 58423
Johnston, S.L. *see* Zhu Chingming 6870
Johnston, T.W. *see* Beaudoin, Y. 36942
Johnston, W. Bay Area Gigabit Testbed Network (BAGNet): experience with a high-speed, metropolitan area, IP over ATM network 26200
Johnston, W., Guojun, J., Hoo, G., Larsen, C., Lee, J., Tierney, B., Thompson, M. Distributed environments for large data-objects: broadband networks and a new view of high performance, large-scale storage-based applications 26194
Johnstone, C., King-Yuen Ng Interaction regions for a muon collider 18007
Johnstone, C., King-Yuen Ng, Trbojevic, D. Interaction regions with increased low-betas for a 2-TeV muon collider 17934
Johnstone, C. *see* Garren, A. 17972
Johnstone, C. *see* Palmer, R.B. 17966
Johnstone, C. *see* Trbojevic, D. 18008
Johnstone, P.A.S. *see* Van Way, R.L. 49766
Johnstone, R.A.W. *see* Smith, V.C. 36962
Johnstone, W. *see* Chrisey, D.B. 10898
Johnstone, W. *see* Swillo, M. 55270
Joho, W. *see* Stammbach, T. 7699
Johr, T., Werncke, W., Daehne, L., Pfeiffer, M., Lau, A. Dispersion of the third-order susceptibility of a cyanine dye measured by coherent anti-Stokes Raman scattering 24210
Johri, P.K. *see* Harshavardhana, P. 5895
Johs, B. *see* Benson, J.D. 710
Johs, B. *see* Dinan, J.H. 36671
Joiner, B. *see* Johnson, Z. 52273
Joines, W.T. *see* Drozd, J.M. 17752
Joisa, Y.Shankara *see* Shankara Joisa, Y.
Joishi, I. *see* Lei Zhu 34259
Joishi, I. *see* Lei Zhu 34297
Joishi, I. *see* Lei Zhu 34309
Joishi, I. *see* Lei Zhu 34449
Joite-Barfuss, S. *see* Klein, R. 59848
Jojic, N. *see* Nandy, D. 25410
Jojic, N. *see* Wang, Z. 5345
Jojima, T. *see* Kuriyama, S. 36438
Jokanovic, B. *see* Trifunovic, V. 11680
Jokela, K. *see* Puranen, L. 37912
Jokela, T. Modeling the external behavior of electronic products 9993
Jokerst, N.M. *see* Carter-Coman, C. 40420
Jokerst, N.M. *see* Carter-Coman, C. 42538
Jokerst, N.M. *see* Cat, H.H. 55355
Jokerst, N.M. *see* Cross, J. 36175
Jokerst, N.M. *see* Myunghee Lee 36172
Jokerst, N.M. *see* Myunghee Lee 40938
Jokerst, N.M. *see* Vendier, O. 26802
Jokerst, N.M. *see* Vendier, O. 36171
Jokinen, H. Computation of the steady-state solution of nonlinear circuits with time-domain and large-signal-small-signal analysis methods 40849
Jokinen, J., Keinonen, J., Tikkanen, P., Kuronen, A., Ahlgren, T., Nordlund, K. Comparison of TOF-ERDA and nuclear resonance reaction techniques for range profile measurements of keV energy implants 42405
Jokinen, J. *see* Riihelae, D. 30807
Jokiniemi, J. *see* Laitinen, A. 24379
Jokiniemi, T. *see* Simelius, K. 49701
Joko, I. *see* Izutani, S. 60540
Jolesz, F. *see* Hynynen, K. 8102
Jolesz, F.A. *see* Gudbjartsson, H. 7964
Jolesz, F.A. *see* Hata, N. 18387
Jolie, J. *see* Stritt, N. 37534
Jolin, L.J. *see* Quagliano, J.R. 60087
Jolles, P.R. *see* Kalen, J.D. 49416
Jolliffe, C. *see* Michaelides, A. 50944
Jolly, A.C. *see* Cole, J.S., Jr. 28703
Jolly, D. *see* Peyrodie, L. 60117
Jolly, D. *see* Vienne, F. 45502
Jolly, D. *see* White, D.G. 49978
Jolly, M.-P.D., Gupta, A. Color and texture fusion: application to aerial image segmentation and GIS updating 25454
Jolly, M.R., Carlson, J.D., Munoz, B.C. A model of the behavior of magnetorheological materials 30995
Jolly, M.R., Carlson, J.D., Munoz, B.C., Bullions, T.A. The magnetoviscoelastic response of elastomer composites consisting of ferrous particles embedded in a polymer matrix 40701
Joly, C. *see* Legros, E. 58311
Joly, J., Kurzweil, K., Lambert, D. MCM's for computers and telecom in CHIPPAC programme 22112
Joly, J., Lambert, D., Plaza, P. HAM: A cost effective, high speed ATM switching matrix using MCM-L and bumpless TAB 6411
Joly, J. *see* Bremond, M. 10079
Joly, J.M. *see* Garvey, T. 49193
Joly, J.P. *see* Paillet, C. 42483
Joly, J.P. *see* Paillet, C. 42569
Joly, J.P. *see* Tardif, F. 42453
Joly, S. *see* di Bona, A. 59184
Joly, S. *see* Loulergue, A. 37088
Jomaah, J., Ghibaudo, G., Balestra, F. Low frequency noise sources in fully and partially depleted SOI MOSFETs from room to liquid helium temperatures 42987
Jomaah, J., Ghibaudo, G., Pelloie, J.L., Balestra, F. Temperature dependence of drain-induced-barrier lowering in fully depleted SOI MOSFETs 42991
Jomni, F., Denat, A., Aitken, F. Pressure waves and bubble generation in non-polar liquids initiated by a high divergent electric field 23134
Jonas, G. *see* Vu, T.B. 35940
Jonas, M. *see* O'Brien, T. 49392
Jonckheere, R. *see* Goethals, A.M. 2523
Jonckheere, R. *see* Op de Beeck, M. 2531
Jonckheere, R. *see* Yen, A. 22738
Joncquel, E., Lombard, X. A unified power flow controller model for the electromagnetic transients program 50514
Jonda, S., Fleischer, M., Meixner, H. Temperature control of semiconductor metal-oxide gas sensors by means of fuzzy logic 27714
Jondle, D.D. *see* Page, E.M. 38489
Jone, J.A., Hayes, J.A. Use of a field failure database for improvement of product reliability 39926
Jone Wen-Ben *see* Wen-Ben Jone
Jones, A. *see* Butler, K.M. 30178
Jones, A. *see* Vartuli, C.B. 54244
Jones, A. *see* Youngs, L. 41236
Jones, A.C., Hack, R., Batchelor, B.G. Software organisation for a Prolog-based prototyping system for machine vision 35120
Jones, A.C. *see* Batchelor, B.G. 35162
Jones, A.C. *see* Batchelor, B.G. 35164
Jones, A.C. *see* Brown, J.R. 48719
Jones, A.C. *see* O'Brien, P. 40318
Jones, A.C. *see* Roberts, V. 10803
Jones, A.C. *see* Smith, L.M. 21238
Jones, A.C. *see* Taudt, W. 40588
Jones, A.C. *see* Wang, C.A. 40322
Jones, A.E. *see* Branscome, J.V. 51840
Jones, A.M. *see* Kluender, J.F. 10854
Jones, A.M. *see* Lammert, R.M. 16820
Jones, A.M. *see* Lammert, R.M. 23973
Jones, A.M. *see* Li, X. 10808
Jones, A.M. *see* Li, X. 52727
Jones, A.R. *see* Lauchle, G.C. 18907
Jones, B.C., Guerci, J.R. Intelligent image capture of cartridge cases for firearms examiners 56650
Jones, B.G. *see* Moray, N. 60484
Jones, B.K. Generating composite filters for coupled SLMs 38158
Jones, B.K. *see* Gongjiu Jin 2638
Jones, B.K. *see* Kirsch, J.C. 38157
Jones, B.L. *see* Colyer, R.E. 18736
Jones, C. Modular substations satisfy need to be mobile, flexible 29511
Jones, C., Cooper, K., Nield, M., Waller, R., Rush, J., Collins, J., Fiddyment, P., Lealman, I. Hybrid integration using silica-on-silicon optical motherboards 44307
Jones, C. *see* Villasenor, J. 25485
Jones, C.A., Cooper, K. Hybrid integration onto silicon motherboards with planar silica waveguides 3654
Jones, C.A., Grosvenor, J.H., Kantor, Y. Permittivity measurements of low-loss dielectric materials at 60 GHz 48852
Jones, C.A., Yee, N.S., Malan, G.F. Advanced training simulator development tools for Windows™ 89
Jones, C.C.R. Modelling of aircraft skins 49841
Jones, C.H. Telemetry as automata 6026
Jones, C.K.R.T. *see* Alexander, J.C. 55231
Jones, C.L. *see* Elliott, C.T. 698
Jones, C.L. *see* Elliott, C.T. 7320
Jones, C.L. *see* Maxley, C.D. 700
Jones, C.M., Dlay, S.S., Naguib, R.N.G. Berger check prediction for concurrent error detection in the Braun array multiplier 1256
Jones, C.M. *see* Meigs, M.J. 49135
Jones, C.M. *see* Olsen, D.K. 49153
Jones, C.R., Singh, A.K., Agrawal, D. Low latency MPI for Meiko CS/2 and ATM clusters 47218
Jones, C.R., Ting Lei, Kaspi, R., Evans, K.R. Gallium incorporation kinetics during GSMBE of GaN 21263
Jones, C.R. *see* Benson, S.V. 18075
Jones, C.R. *see* Evans, K.R. 30842
Jones, D. Very large brushless DC motors in industrial applications 61236
Jones, D.E., Pelz, J.P., Hong, Y., Tsong, I.S.T., Xie, Y.-H., Silverman, P.J. Strain field imaging on Si/SiGe(001)-(2×1) surfaces by low-energy electron microscopy and scanning tunneling microscopy 7601
Jones, D.J., Haus, H.A., Ippen, E.P. Subpicosecond solitons in an actively mode-locked fiber laser 14323
Jones, D.J., Prasad, S.E., Wallace, J.B. Piezoelectric materials and their applications 32656
Jones, D.L. A normalized constant-modulus algorithm 5700
Jones, D.L. *see* Baraniuk, R.G. 15344
Jones, D.L. *see* Czerwinski, R.N. 34760
Jones, D.L. *see* Kramer, M.L. 24943
Jones, D.L. *see* Kwok, H.K. 34528
Jones, D.L. *see* Kwok, H.K.C. 4808
Jones, D.L. *see* Samimy, B. 17809
Jones, D.L. *see* Sayeed, A.M. 15291
Jones, D.L. *see* Sayeed, A.M. 15338
Jones, D.L. *see* Sayeed, A.M. 24912
Jones, D.L. *see* Sayeed, A.M. 34933
Jones, D.L. *see* Sayeed, A.M. 45750
Jones, D.L. *see* Sayeed, A.M. 45770
Jones, D.P. *see* Kyriacou, P.A. 49752
Jones, D.R. *see* Astadjov, D.N. 23748
Jones, D.R. *see* Astadjov, D.N. 55503
Jones, D.R. *see* Brown, D.J.W. 55495
Jones, D.R. *see* Isaev, A.A. 3992
Jones, E.C., Cheung, N.W. Plasma doping optimization for ultra-shallow junctions 42393
Jones, E.C. *see* Aized, D. 43767
Jones, E.D. *see* Chui, H.C. 52786
Jones, E.D. *see* Millunchick, J.M. 40384
Jones, E.D. *see* Shawn-Yu Lin 3532
Jones, E.J. Designing robust, low-cost microwave packages 31524
Jones, F. *see* Ommodt, K. 34436
Jones, F.G., Fielding, J.T., Jr., Sei-Joo Jang Microwave propagation and optimization in 0-3 particulate composites consisting of multilayer structures 4193
Jones, G., Boashash, B. Generalized instantaneous parameters and window matching in the time-frequency plane 56570
Jones, G., Haykin, S. Higher-dimension detection of targets from scanned radar 6872
Jones, G. *see* O'Reilly, E.P. 23951
Jones, G. *see* O'Reilly, E.P. 33486
Jones, G.A. Constraint, optimization, and hierarchy: reviewing stereoscopic correspondence of complex features 35169
Jones, G.A., Sinclair, G.J., Grundy, P.J. The influence of sputtering pressure on the microstructural and magnetic properties of thin film CoCrPt bilayer media 32826
Jones, G.A. *see* Greenhill, D. 5652
Jones, G.A.C., Rose, P.D., Linfield, E.H., Ritchie, D.A. GaAs/AlGaAs device fabrication using MBE growth and in situ focused ion beam lithography 10785
Jones, G.A.C. *see* Field, M. 2734
Jones, G.A.C. *see* Iredale, N. 43125
Jones, G.A.C. *see* Kardynal, B. 42165
Jones, G.A.C. *see* Patel, N.K. 42117
Jones, G.A.C. *see* Sazio, P.J.A. 22537
Jones, G.A.C. *see* Sazio, P.J.A. 32140
Jones, G.A.C. *see* Turner, N. 2210
Jones, G.B. *see* Zeisler, E.D. 57746
Jones, G.C.W. *see* Bollig, C. 14056
Jones, G.D. *see* Butler, P.A. 37520
Jones, G.J., Thompson, G. Renewable energy for African development 50689
Jones, G.J.F., Foote, J.T., Spark Jones, K., Young, S.J. Robust talker-independent audio document retrieval 14923
Jones, G.R., Russell, P.C., Cosgrave, J., Spencer, J.W., Vourdas, A., Hall, W., Wilson, A. Chromatic processing of optoacoustic signals for identifying incipient faults on electric power equipment 5189
Jones, G.R. *see* Cosgrave, J.A. 51410
Jones, G.R. *see* Ennis, M.G. 38910
Jones, G.R. *see* Meng, H. 2364
Jones, G.T. *see* Cowen, C.S. 40866
Jones, G.W., Jones, S.K., Zimmerman, S.M., Fowler, C.W., Prache, O., Blazejewski, E.R. Field emitter displays for future high requirements applications 18617

Jones, G.W., Taylor, D.M., Gomes, H.L. DLTS investigation of acceptor states in P3MeT Schottky barrier diodes 22759
Jones, G.W. *see* Gunatunga, S.R. 21325
Jones, H.M., Bitmead, R.R., Crisafulli, S. Feedback control applied to speech coding 45650
Jones, H.M., Kunhardt, E.E. Nanosecond pre-breakdown and breakdown phenomena in water: influence of pressure, conductivity, and ionic sheath formation 23147
Jones, H.M., Kunhardt, E.E. Evolution of cathode initiated pulsed dielectric breakdown in polar and nonpolar liquids 23148
Jones, H.M., Kunhardt, E.E. Electron impact ionization and dielectric breakdown in the liquid noble gases: a Monte Carlo simulation 23149
Jones, I.A. *see* Hilton, P.A. 14485
Jones, I.F.C. The diagnoses and reduction of high vibration in large turbo generators resulting from unbalance and/or misalignment 29237
Jones, I.W. *see* Molnar, C.E. 53239
Jones, J. *see* Corrigan, J. 59907
Jones, J. *see* Kazerooni, H. 59022
Jones, J. *see* Parten, M. 20694
Jones, J.C. *see* Kanner, A.M. 59637
Jones, J.C. *see* Slaney, A.J. 44092
Jones, J.C. *see* Taylor, L. 44107
Jones, J.D. *see* Kim, S.J. 51440
Jones, J.D.C. *see* Bownass, D.C. 58778
Jones, J.D.C. *see* Carolan, T.A. 31001
Jones, J.D.C. *see* Carolan, T.A. 50671
Jones, J.D.C. *see* Flavin, D.A. 36633
Jones, J.D.C. *see* Kidd, S.R. 17773
Jones, J.D.C. *see* Luke, D.G. 36610
Jones, J.D.C. *see* Valera, J.D.R. 7595
Jones, J.D.C. *see* Wilson, L.W. 38113
Jones, J.E., Cohen, A.M. Chebyshev comparisons of current laws for point-plane DC coronae in air 44914
Jones, J.E. *see* Liu, Y.M. 58808
Jones, J.L. *see* Tovar, O.H. 59731
Jones, J.R. A broadband access network for the future 6368
Jones, J.R., Bishop, W.L., Jones, S.H., Tait, G.B. Planar multibarrier 80/240-GHz heterostructure barrier varactor triplers 53579
Jones, J.R., O'Shea, T.E. An ATM platform for residential broadband applications 47394
Jones, K. *see* Blakemore, F.B. 29075
Jones, K. *see* Early, M.D. 27815
Jones, K. *see* Peskin, A. 35121
Jones, K.A., Linfield, E.H., Frost, J.E.F. Contact resistances of NiGeAu, PdGeTiPt, and TiPd ohmic contacts to GaAs and their temperature dependence from 4.2 to 350 K 12543
Jones, K.A. *see* Lareau, R.T. 12333
Jones, K.M. *see* Schulz, D.L. 30859
Jones, K.M. *see* Wallace, R.L. 30855
Jones, K.P. *see* Tofanelli, A. 26393
Jones, K.S., Liu, J., Zhang, L. Evidence of two sources of interstitials for TED in boron implanted silicon 41893
Jones, K.S. *see* Allen, L.P. 12592
Jones, K.S. *see* Herner, S.B. 22439
Jones, K.S. *see* Herner, S.B. 54497
Jones, K.S. *see* Jingwei Xu 32128
Jones, K.S. *see* Law, M.E. 54024
Jones, K.S. *see* Liu, J. 32134
Jones, K.Spark *see* Spark Jones, K.
Jones, K.W. *see* Jianming Li 12591
Jones, K.W., Harsanyi, G. *(editors)* Multichip Modules with Integrated Sensors. Proceedings of the NATO Advanced Res Workshop 20334
Jones, L. *see* Bridger, K. 13344
Jones, L. *see* Cole, B. 28506
Jones, L. *see* De Fez-Laso, M.D.M. 37505
Jones, L., II *see* Schumm, J.S. 53820
Jones, L.E., Olson, E.M., Murrer, L. Investigation of the optical sampling between the infrared resistor array projector and the unit under test for hardware-in-the-loop testing 28507
Jones, L.E. *see* Goldsmith, G.C., II 28509
Jones, L.G. *see* Glebov, A.L. 21611
Jones, M. *see* Faltermeier, C. 52766
Jones, M.E., Duncan, P.G., Crotts, R., Shinpaugh, K., Grace, J.L., Murphy, K.A., Claus, R.O., Pulliam, W.J., Schetz, J.A. Multiplexing optical fiber-based pressure sensors for smart wings 49873
Jones, M.E., Duncan, P.G., Crotts, R., Shinpaugh, K., Greene, J.A., Murphy, K.A., Gunther, M.F., Claus, R.O. Multiplexing optical fiber-based pressure sensors for smart wings 18658
Jones, M.E. *see* Greene, J.A. 17402
Jones, M.G. *see* King, J.P. 16750
Jones, M.M., Beaton, R.J. Evaluation of ANSI/HFS 100-1988 flicker assessment method 58948
Jones, M.T., Plassmann, P.E. Adaptive refinement of unstructured finite-element meshes 40259
Jones, M.W. *see* Nordin, G.P. 27788
Jones, N.B. *see* Nanda, H.K. 39352
Jones, N.L. *see* Owen, S.J. 638
Jones, O., Tang, N. Networks for technology transfer: linking HEIs and SMFs 52086
Jones, P., Griffiths, H., Charlton, T., Laver, J. Earth grid impedance measurements at large area substations: theory and practice 19922
Jones, P.A. *see* Chmielewski, A.B. 18734
Jones, P.G.B. Optimising performance of the network–network generated statistics 16185
Jones, P.J. *see* Allen, D.M. 38017
Jones, P.L., Hill, E.W. A final year undergraduate course in IC design for non-specialists 9886
Jones, P.M., Jasek, C.A. Intelligent support for activity management (ISAM): an architecture to support distributed supervisory control 60007
Jones, P.M. *see* Butler, P.A. 37520
Jones, P.S. *see* Cole, C. 3550
Jones, R., Chiu, W.K., Pitt, S. Sensor technology for structural integrity monitoring [of aircraft structures] 18600
Jones, R. *see* Ashwin, M.J. 758
Jones, R. *see* Breen, E.J. 374
Jones, R. *see* Chiu, W.K. 58682
Jones, R. *see* Lareau, R.T. 12333
Jones, R. *see* Newman, R.C. 41884
Jones, R. *see* Ruth, R.D. 49165
Jones, R. *see* Seidel, M. 49050
Jones, R. *see* Sun, M. 37612
Jones, R.A. Fluid flow in a neonatal respiratory support system: a preliminary investigation 49787
Jones, R.A., Walleczek, J., Adey, W.R. Mechanical vibration in "double-wound" magnetic field exposure coils 28457
Jones, R.A. *see* Jamil, S. 52102
Jones, R.A. *see* Lechak, J.E. 46017
Jones, R.A. *see* Neumayer, D.A. 21257
Jones, R.B. *see* Cogan, S.F. 55369
Jones, R.D., Obarski, G.E., Livigni, D.J., Laabs, H. Surface-emitting laser diode beam characterization 55789
Jones, R.D. *see* Satherley, B.I. 37825
Jones, R.D. *see* Satherley, B.I. 37826
Jones, R.E. *see* Bo Jiang 3002
Jones, R.E., Jr., Spector, C.J., Williams, J., Lin, C.-J. Properties of NiFe sputtered on sloping surfaces 32797
Jones, R.E., Jr *see* Zurcher, P. 1378
Jones, R.G. *see* Murphy, J.J. 42823
Jones, R.H. *see* Ghosh, A.K. 50528
Jones, R.H. *see* Ghosh, A.K. 50558
Jones, R.H. *see* McAndrews, J.M. 51480
Jones, R.L. *see* Britton, C.L., Jr. 59321
Jones, R.M., Ko, K., Kroll, N.M., Miller, R.H. A spectral function method applied to the calculation of the wake function for the NLCTA 49049
Jones, R.M. *see* Miller, R.H. 49048
Jones, R.T., Abu Sharkh, S.M. The use of finite element field analysis in investigating industrial electrostatic hazards 33806
Jones, R.T., Bellemore, D.G., Berkoff, T.A., Sirkis, J.S., Putnam, M.A., Friebele, E.J., Kersey, A.D. Experimental verification of cantilever plate deformation magnitudes using wavelength division multiplexed Bragg grating sensors 48576
Jones, R.T., Berkoff, T.A., Bellemore, D.G., Early, D.A., Sirkis, J.S., Putnam, M.A., Friebele, E.J., Kersey, A.D. Cantilever plate deformation monitoring using wavelength division multiplexed fiber Bragg grating sensors 17407
Jones, R.T. *see* Kersey, A.D. 36614
Jones, R.V. *see* Custer, J.S. 42258
Jones, R.W. *see* Crutcher, R.I. 58214
Jones, S. *see* Bandyopadhyay, S. 54183
Jones, S. *see* Zunkel, K. 20500
Jones, S.B. *see* Heaton, J.M. 23573
Jones, S.B. *see* Heaton, J.M. 44033
Jones, S.B. *see* Satava, R.M. 19029
Jones, S.D., Akridge, J.R. A microfabricated solid-state secondary Li battery 29594
Jones, S.G. *see* Harvey, D.G., Jr. 37938
Jones, S.H. *see* Jones, J.R. 53579
Jones, S.H. *see* Salman, Z.K. 18208
Jones, S.J., Harrison, R., Koh, K.F., Mendoza, N., Crockard, H.A. Motor evoked potential monitoring during spinal surgery: responses of distal limb muscles to transcranial cortical stimulation with pulse trains 18478
Jones, S.K. *see* Jones, G.W. 18617
Jones, S.K. *see* Rudan, M. 12852
Jones, S.L. *see* Trottier, T.A. 55417
Jones, S.M. *see* Faulkner, C.C. 57857
Jones, S.M.R., Capobianco, F., Constantin, I., Frigyes, I., Holubowciz, W., Hryniewiecki, J. Deterministic modelling and validation for the microcellular radio channel; the "TEAMS" project 35988
Jones, S.M.R., Glover, I.A., Watson, P.A., Howell, R.G. Evidence for the presence of turbulent attenuation on low-elevation angle Earth-space paths. 2. Frequency scaling of scintillation intensity on a 10° path 24474
Jones, S.P.W. *see* Andrikopoulos, I. 35506
Jones, S.P.W. *see* Ors, T. 36054
Jones, S.R. *see* Tnani, S. 51006
Jones, T. *see* Bailey, D.L. 28232
Jones, T. *see* Grootoonk, S. 18328
Jones, T. *see* Noel, J.-P. 14098
Jones, T.B., Thomas, E.C. CUTLASS: a new HF auroral radar 38053
Jones, T.B. *see* Milan, S.E. 45125
Jones, T.B. *see* Milan, S.E. 45144
Jones, T.B. *see* Washizu, M. 24322
Jones, T.J. *see* Allport, P.P. 37375
Jones, T.J. *see* Beringer, J. 37394
Jones, T.S. *see* Avery, A.R. 2039
Jones, T.S. *see* Belk, J.G. 815
Jones, T.S. *see* Belk, J.G. 21300
Jones, T.S. *see* Holmes, D.M. 40444
Jones, T.S. *see* Joyce, B.A. 764
Jones, T.S. *see* Sudijono, J.L. 765
Jones, T.S. *see* Tok, E.S. 52679
Jones, T.S. *see* Yamaguchi, H. 52703
Jones, V.L. *see* Loo, R.Y. 58456
Jones, W. *see* Chen, Y.C. 53672
Jones, W. *see* Ikossi-Anastasiou, K. 42948
Jones, W. *see* McIlvaney, K. 32103
Jones, W. *see* Sjogren, L. 31515
Jones, W.E.M., Feder, D.O. Behavior of VRLA cells on long term float. II. The effects of temperature, voltage and catalysis on gas evolution and consequent water loss 51479
Jones, W.E.M. *see* Feder, D.O. 51470
Jones, W.J. *see* Kubinyi, M. 44170
Jones, W.K. *see* Harsanyi, G. 2425
Jones, W.Kinzy *see* Kinzy Jones, W.
Jones, W.L., Rice, L., Rudic, N.P., Uhlhorn, E.W. An improved algorithm for NSCAT measurements of hurricanes 50056
Jones, W.L., Spencer, M., Chang, P. Near real-time applications for NSCAT ocean wind measurements 38077
Jones, W.L., Zec, J. Evaluation of rain effects on NSCAT wind retrievals 50055
Jones, W.L. *see* Alhumaidi, S.M. 8433
Jones, W.W., Luecke, J.R. Suppressed carrier tracking when quadrature PN spreading 47757
Jong, C.-F. *see* Chern, T.-L. 9600
Jong, C.C. *see* Shen, Z.X. 54767
Jong, C.D.de *see* de Jong, C.D.
Jong, G.de *see* de Jong, G.
Jong, I.J.de *see* de Jong, I.J.
Jong, J. *see* Tripathi, A. 54498
Jong, J.-M., Chou, T.-Y., Yuan, C.P., Nguyen, T., Tripathi, V. Electrical characterization and modeling of simultaneous switching I/O buffers for high performance digital systems 53085
Jong, J.-M. *see* Pratapneni, S. 53084
Jong, J.F.de *see* de Jong, J.F.
Jong, N.de *see* de Jong, N.
Jong, P.De *see* De Jong, P.
Jong, Y.L.C.de *see* de Jong, Y.L.C.
Jong Dae Park *see* Beom-Hoan O 24016
Jong Duk Lee *see* Byung-Soo Jean 40491
Jong Duk Lee *see* Chun Gyoo Lee 53938
Jong Duk Lee *see* Hyung Soo Uh 53957
Jong Duk Lee *see* Il Hwan Kim 53960
Jong Duk Lee *see* Jae Soo Yoo 33252
Jong Duk Lee *see* Sang Won Kang 58925
Jong Duk Lee *see* Sung Hee Cho 13813
Jong Hoon Lee *see* Kyoung-Ok Kim 57523
Jong Hwa Lee *see* Jae Hee Cho 3203
Jong Hwan Kim *see* Yoon Ho Chung 43015
Jong Hyeok Lee *see* Man Tak Huh 15221
Jong Hyeong Song, Mann Jang Park, Sang Hee Suh The fabrication of HgCdTe photovoltaic diode by using Hg-diffusion and its characteristics 33265
Jong Hyuk Choi *see* Kwang Il Park 52951
Jong Hyun Lee, Hoi Hwan Chung, Seung Youl Kang, Jong Tae Baek, Hyung Joun Yoo Fabrication of surface micromachined polysilicon actuators using dry release process of HF gas-phase etching 43409
Jong Hyun Lee *see* Hoi Hwan Chung 12737
Jong Hyun Lee *see* Hoi Hwan Chung 54818
Jong Hyun Lee *see* Won Ick Jang 43199
Jong Hyun Moon *see* Kyu Chang Park 40552
Jong Jing-Ming *see* Jing-Ming Jong
Jong Jyh-Ming *see* Jyh-Ming Jong
Jong Keun Hwang *see* Beom Shig Kim 60515
Jong Keun Park *see* Ji Taek Yoon 51218
Jong Kim *see* Jeong Beom Kim 53244
Jong Kim Hyup *see* Hyup Jong Kim
Jong Lee Hyo *see* Hyo Jong Lee
Jong Min Kim *see* Gorfinkel, B. 58928
Jong Min Lee *see* Won Kweon Jang 44370
Jong Min Lee *see* Won-Kweon Jang 23768
Jong Myeong Lee *see* Ho Jin Cho 52801
Jong Park Kun *see* Kun Jong Park
Jong Perez, S.De *see* De Jong Perez, S.
Jong Rong Lin *see* Chihchiang Hua 50855
Jong Seog Lee *see* Seop Hyeong Park 57221
Jong Soo Choi *see* Jin Tae Kim 15678
Jong Soo Kwon *see* Joo Hyun Cho 29043
Jong Sub Song, Bong Jin Kim, Ji Taek Kim, Jae Heung Jo, Soo Chang, Keun Cheol Yuk Measurement of the refractive indices of optical transparent liquids by using the moire patterns of elongated circular gratings 48962
Jong Sung Kim *see* Young Jae Huh 43898
Jong Tae Baek *see* Jong Hyun Lee 43409
Jong Tae Baek *see* Won Ick Jang 43199
Jong Tae Baek *see* Youn Tae Kim 12615
Jong Tae Paek *see* Byung Hoon Jeong 54462
Jong Tae Seo *see* Won Sang Jeong 19521
Jong Tarn Tzyh *see* Tzyh Jong Tarn
Jong Up Jeon *see* Ju Jin 33849
Jong Yeoul Park, Jae Ug Jeong Fixed point theorems for fuzzy mappings 52476
Jong Yoo Won *see* Won Jong Yoo
Jong-Arm Jun, Hyeon-Sik Shin, Yeong-Ho Park, Jae-Guen Kim An ATM OAM processor for B-ISDN network equipments 58077
Jong-Bo Ahn *see* Kook-Hun Kim 50385
Jong-Cheol Lee *see* Yong-Seok Kang 21664
Jong-Ching Hwang *see* Hwang Jong-Ching
Jong-Choul Kim *see* Byung-Jin Cho 42511
Jong-Choul Kim *see* Se-Ang Jang 54445
Jong-Chuang Tsay *see* Yeh-Chin Ho 56538
Jong-Chul Kim, Watanabe, T., Miyata, S. Preparation of retardation film for supertwisted nematic

liquid crystal display by drawing and poling 36821
Jong-Chul Lee, Taylor, H.F., Kai Chang Optical-microwave intermixing of a CPW-to-slotline ring resonator on GaAs substrate 6724
Jong-Chul Lee, Yeh, C.L., Ho, C.H., Taylor, H.F., Weichold, M.H., Chang, K. Down-conversion of microwave optoelectronic signals in a GaAs microstrip ring resonator 3667
Jong-Dug Shin *see* Cheoul-Shin Kang 48016
Jong-Duk Kim *see* Su-An Choi 36774
Jong-Duk Lee *see* Yeong-Taek Lee 54650
Jong-Eun Byun, Nagata, T. Determining the 3-D pose of a flexible object overlapped complicatedly by itself 15490
Jong-Gwan Yook, Arabi, T., Schreyer, T., Katehi, L.P., Sakallah, K.A. System level EM modeling of digital IC packages and PC boards 40992
Jong-Gwan Yook, Katehi, L.P.B., Simons, R.N., Shalkhauser, K.A. Experimental and theoretical study of parasitic leakage/resonance in a K/Ka-band MMIC package 21964
Jong-Gyu Hwang *see* Geum-Bae Cho 29516
Jong-Han Joung *see* Byung-Gu Kwak 60890
Jong-Heun Lee, Chang-Soon Kwon, Hoin Kim, Byung-Ki Kim Limiting current and wide range air/fuel ratio sensors using the same YSZ-Al_2O_3 layers as electrolyte and diffusion barrier 36753
Jong-Ho Kim *see* Seog-Hoon Lee 16802
Jong-Ho Kim *see* Seog-Hoon Lee 58318
Jong-Ho Lee, Hyung-Cheol Shin, Jong-June Kim, Choon-Bae Park, Young-June Park Partially depleted SOI NMOSFET's with self-aligned polysilicon gate formed on the recessed channel region 54643
Jong-Ho Lee, Hyung-Cheol Shin, Jong-Son Lyu, Bo Woo Kim, Joung-June Park Recessed channel (RC) SOI NMOSFETs with self-aligned polysilicon gate formed on the RC region 22818
Jong-Hoon Oh *see* Ho-Jun Song 21676
Jong-Hoon Oh *see* Young-Hee Kim 21666
Jong-Hun Kim Temporal interpolator based on spatial filtering 15679
Jong-Hwan Song, Jang-Mok Kim, Seung-Ki Sul A new robust SPMSM control to parameter variations in flux weakening region 50936
Jong-Hwan Song, Seung-Ki Sul Torque maximizing control of PMSM under limited voltage and current condition of inverter 29251
Jong-Hyeob Baek, Bun Lee, Sung Woo Choi, Jin Hong Lee, El-Hang Lee, Won Seok Han Growth monitoring and measurement of the optical coefficient of MOCVD-grown $In_xAl_{1-x}As$ by using in-situ laser reflectometry 52627
Jong-Hyeong Lee A source clock recovery by receiving data filling rate in AAL1 traffic 57586
Jong-Hyeong Song *see* Sang-Hee Suh 30777
Jong-Hyun Kim, Bong-Hwan Kwon Unity power factor ZVS AC-to-DC converters with an active filter 51196
Jong-Il Jeon *see* Tae Geun Kim 33531
Jong-In Shim *see* Cheol-Hoi Kim 44436
Jong-June Kim *see* Jong-Ho Lee 54643
Jong-Jy Shyu *see* Soo-Chang Pei 15347
Jong-Jy Shyu *see* Soo-Chang Pei 31381
Jong-Kae Fwu, Djuric, P.M. Unsupervised vector image segmentation by a tree structure–ICM algorithm 18277
Jong-Kae Fwu, Djuric, P.M. Unsupervised vector image segmentation by the ICM method 25413
Jong-Kae Fwu, Djuric, P.M. EM algorithm for image segmentation initialized by a tree structure scheme 25648
Jong-Kae Fwu *see* Djuric, P.M. 28071
Jong-Kai Lin, Drye, J., Lytle, W., Scharr, T., Subrahmanyan, R., Sharma, R. Conductive polymer bump interconnects 224
Jong-Keun Park *see* Heung-Jae Lee 9445
Jong-Keun Park *see* Hyun-Joon Cho 50650
Jong-Keun Park *see* Jang-Cheol Seo 60351
Jong-Keun Park *see* Sang-Hee Kang 50622
Jong-Keun Park *see* Song-Keun Lee 28854
Jong-Keun Park *see* Song-Keun Lee 60182
Jong-Ki Lee *see* Seung-Joo Lee 19952
Jong-Man Kim, Jong-Soo Choi, Hyong-Suk Kim, Sung-Joong Kim The lateral information propagation neural networks for the real time reconstruction of terrain elevation data from contours 46218
Jong-Min Park, Yu Hen Hu On-line learning for active pattern recognition 4922
Jong-Moo Lee *see* Kook-Hun Kim 50385
Jong-Oh Kim, Young-Wook Cha, Kyou-Ho Lee A management mechanism for bus-based multiaccess ATM customer network 57736
Jong-Oh Kim *see* Young-Wook Cha 57563
Jong-Seon No, Hwan-Keun Lee, Habong Chung, Hong-Yeop Song, Kyeongcheol Yang Trace representation of Legendre sequences of Mersenne prime period 24622
Jong-Seung Park, Joon-Hee Han Efficient contour motion estimation using an active contour model 5020
Jong-Shik Kim, Kwang-Seok Seo, Hoi-Jun Yoo An analytical model for the effect of graded gate oxide on the channel electric field in MOSFETs with lightly doped drain structure 54629
Jong-Son Lyu, Be-Woo Kim, Kwang-Ho Kim, Ju-Youn Cha, Hyung Joun Yoo Metal-ferroelectric-semiconductor field-effect transistor (MPSFET) for single transistor memory by using Poly-Si source/drain and $BaMgF_4$ dielectric 43061
Jong-Son Lyu, Bo Woo Kim, Hyung Joun Yoo Polysilicon source/drain thin film SOI MOSFET by using CMP technology 22817
Jong-Son Lyu *see* Jong-Ho Lee 22818
Jong-Soo Choi *see* Ho-Keun Song 5152
Jong-Soo Choi *see* Hyun-Ki Hong 15683
Jong-Soo Choi *see* Hyun-Ki Hong 38168
Jong-Soo Choi *see* Hyun-Ki Hong 60161
Jong-Soo Choi *see* Jong-Man Kim 46218
Jong-Soo Choi *see* Jun-Sik Kwon 15675
Jong-Soo Choi *see* Seok-Hyun Ryu 56719
Jong-Soo Choi *see* Yeong-An Jeong 57057
Jong-Soo Lee An analysis on instantaneous state equation of single phase condenser induction motor by single phase 3 level inverter 29290
Jong-Soo Won *see* Dong-Joon Sim 50955
Jong-Suk Lee *see* Hae-Dong Lee 1202
Jong-Sun Lee, Myung-Jong Choi, Tae-Kyung Chung Waveform optimization design of a square wave synchronous generator 19721
Jong-Sup Cho *see* Sang-Bae Kim 23976
Jong-Sup Cho *see* Sang-Bae Kim 55690
Jong-Tae Park, Su-Ho Ha, Hong, J.W., Joong-Goo Song Design and implementation of a CORBA-based TMN SMK system 35593
Jong-Tae Park *see* Eun-Joo Ha 46596
Jong-Uk Bu, Tae-Yoon Kim, In-Sik Kim, Young-Sam Jun, Young-Cho Shim, Sung-Tae Kim Silicon-based thermal comfort sensing device 17255
Jong-Wan Jung, Young-Se Kwon A novel fabrication technology for integrating FETs and high-performance diodes, and its application to MMIC VCO 41527
Jong-Wan Park, You-Kee Lee, Sci-Hyun Lee, Kwang-Joon Cho, Jae-Suk Lee, Seoghyeong Lee, Hyeongtag Jeon, Ji-Hwan Choi The effects of pre-treatment, CH_4 gas ratio and bias potential on the microstructure of microwave plasma enhanced chemical vapor deposited diamond thin films 52776
Jong-Wan Park *see* Jae-Suk Lee 48733
Jong-Wan Park *see* Seoghyeong Lee 42717
Jong-Woo Choi, Heui-Wook Kim, Seung-Ki Sul Design of fast response current controller using d-q axis cross-coupling 50935
Jong-Woo Choi *see* Joohn-Sheok Kim 51246
Jong-Woo Choi *see* Seung-Ho Song 29224
Jong-Woo Chui, Seung-Ki Sui New current control concept–minimum time current control in the three-phase PWM converter 29399
Jong-Woo Park *see* Hyoung-Sub Kim 1357
Jong-Woo Park *see* Jei-Hwan Yoo 1335
Jong-Woo Shin, Ho-Seong Kim, Yong-Kweon Kim, Beorn-Gyu Choi Fabrication of micro mirror array with vertical spring structure 13178
Jong-Woo Shin *see* Seok-Whan Chung 13158
Jong-Woo Shin *see* Seok-Whan Chung 44149
Jong-Wook Lee, Koeng Su Lim Ex situ hydrogen passivation effect of visible p-i-n type thin-film light-emitting diode characteristics 44273
Jong-Wook Park *see* Tae-Sung Jung 1329
Jong-Wook Park *see* Young-Joon Choi 1403
Jong-Woon Choi, Young-Pyung Kim, Youn-Myung Kim Frequency stabilization of a CO_2 laser by using the optogalvanic effect 3678
Jongan Park *see* Iksu Choy 15504
Jongan Park *see* Taehong Ahn 46192
Jonge, A.R.W.de *see* de Jonge, A.R.W.
Jonge, W.J.M.De *see* De Jonge, W.J.M.
Jongen, M.F.F.K. *see* Van der Gon, A.W.D. 53908
Jongepier, A.G., van der Sluis, L. Adaptive distance protection of double-circuit lines using artificial neural networks 28938
Jongeward, G. *see* Gardner, B.M. 18729
Jongh, A.L.de *see* de Jongh, A.L.
Jonghe, L.C.De *see* De Jonghe, L.C.
Jongho Nang, Junwha Kim An effective parallelizing scheme of MPEG-1 video encoding on Ethernet-connected workstations 35316
Jongho Nang *see* Junhwa Kim 5018
Jongmin Kim *see* Kee Tae Han 36700
Jongmin Lee *see* Do-Kyeong Ko 3709
Jongmin Lee *see* Jaiwan Cho 46021
JongMin Lee *see* Sung Ho Cho 57923
Jongmin Lee *see* Sung Oh Cho 7718
Jongseo Sohn *see* Min-Seop Jeong 56302
Jongsma, H.J. *see* Wilders, R. 49721
Jongsoo Kim, Leachman, R.C., Byungkyoo Suh Dynamic release control policy for the semiconductor wafer fabrication lines 10057
Jongste, J.F., Lokker, J.P., Janssen, G.C.A.M., Radelaar, S., Torres, J., Palleau, J. Mechanical reliability of CVD-copper thin films 40647
Jongste, J.F. *see* Lokker, J.P. 42789
JongSuk Ahn *see* SeungHyun Oh 57612
Jongtae Chun, Bose, N.K. Directions-of-arrival estimation for completely and partially correlated sources with radial basis function neural network 34882
Jongwon Kim *see* Joo Young Park 18345
Jongwon Kim *see* Tae-Yong Kim 34847
Jongwook Woo *see* Yongwha Chung 25452
Jongwsoo Bae *see* Neungsoo Park 53344
Jonker, B.T. *see* Powleit, C.D. 41973
Jonker, B.T. *see* Yu, W.Y. 32040
Jonker, P.P., Vermeij, O. On skeletonization in 4D images 15883
Jonker, P.P. *see* Olk, J.G.E. 46290
Jonkmanb, H.T. *see* Veenstra, S.C. 23682
Jonnavithula *see* Billinton, R. 38214
Jonnavithula, A. *see* Billinton, R. 19051
Jonnavithula, A. *see* Billinton, R. 60192
Jonnavithula, S., Billinton, R. Minimum cost analysis of feeder routing in distribution system planning 8888
Jonnavithula, S., Billinton, R. Topological analysis in bulk power system reliability evaluation 50310
Jonnavithula, S. *see* Billinton, R. 19036
Jono, A. *see* Futagi, T. 31934
Jono, A. *see* Moritani, A. 13017
Jono, T. *see* Nakagawa, K. 28540
Jonori, Y. *see* Miyazaki, Y. 58459
Jonscher, A.K. Dielectric relaxation with dipolar screening 32601
Jonscher, A.K., Isnin, A. "Trans-universal" dielectric response 32666
Jonscher, A.K. *see* Siddiqui, N. 42918
Jonson, M. *see* Gorelik, L.Y. 54210
Jonson, M. *see* Tageman, O. 31939
Jonsson, B. *see* Hausler, M. 38326
Jonsson, B.J. *see* Kim, K.S. 3041
Jonsson, C. *see* Ebeling-Koning, D.B. 38528
Jonsson, J., Ranby, B., Massines, F., Mary, D., Laurent, C. Spectral features of the luminescence of PE subjected to various excitation sources 32748
Jonsson, J., Vasell, J. Real-time scheduling for pipelined execution of data flow graphs on a realistic multiprocessor architecture 25215
Jonsson, L., Steiner, M.M., Wilkins, J.W. Coherent electron-hole correlations in quantum dots 42134
Jonsson, L. *see* Elgh, R. 51469
Jonsson, P., Bleichner, H., Isberg, M., Nordlander, E. The ambipolar Auger coefficient: measured temperature dependence in electron irradiated and highly injected n-type silicon 42912
Jonsson, T. *see* Gustavsson, A. 8338
Jonusauskas, G., Oberle, J., Abraham, E., Rulliere, C. "Fast" amplifying optical Kerr gate using stimulated emission of organic non-linear dyes 55821
Joo, B.K. *see* Chung, B. 53917
Joo, E.K. *see* Jeong, C.K. 4538
Joo, K. *see* Zwart, T. 36368
Joo, K.S., Park, I.J., Cho, H.S., Cho, G.S. Asymmetric multiwire proportional counter with thin quartz fibre spacers 28032
Joo, K.S. *see* Cho, H.S. 59263
Joo, M.S. *see* You, Y.H. 47687
Joo, S.-K. *see* Ihn, T.-H. 22872
Joo, Y.-C., Baker, S.P., Knauss, M.P., Arzt, E. Electromigration in single-crystal aluminum lines pre-damaged by nanoindentation 42775
Joo, Y.-C. *see* Arzt, E. 32238
Joo Gwan-Chong *see* Gwan-Chong Joo
Joo Gwanchong *see* Gwanchong Joo
Joo Heon Ahn *see* Chongdae Park 23906
Joo Heung Jin *see* Heung Jin Joo
Joo Hyeong-Gil *see* Hyeong-Gil Joo
Joo Hyoung Lee *see* Kee Tae Han 36700
Joo Hyun Cho, Gi Won Lee, Jong Soo Kwon, Seong Hoon Park, Young Whan Na Quantification of plant safety status 29043
Joo Kyung Sub *see* Kyung Sub Joo
Joo Lee *see* Yunhyun Cho 51763
Joo Lee Byeong *see* Byeong Joo Lee
Joo Lee Hyun *see* Hyun Joo Lee
Joo Leong Tham, Hull, C., Ali, A., Carr, F., Chu, R., Walley, J., Koullias, I. A direct-conversion transceiver chip set for 900 MHz (ISM band) spread-spectrum digital cordless telephone 6651
Joo Maeng Seung *see* Seung Joo Maeng
Joo Mo Kyung *see* Kyung Joo Mo
Joo Mun-No *see* Mun-No Joo
Joo Seung-Ki *see* Seung-Ki Joo
Joo SungJun *see* SungJun Joo
Joo Youn Chang *see* Chang Joo Youn
Joo Young Park, Myoung Hee Kim, Jun Keun Chang, Jongwon Kim, Byoung Goo Min Surface patch modeling from cross-sectional images 18345
Joo Yun Bae *see* Jeong-Woo Choi 36717
Joo-Ha Seo *see* Han-Yang You 6049
Joo-Hee Moon, Gwang-Hoon Park, Sung-Moon Chun, Seek-Rim Choi Shape-adaptive region partitioning method for shape-assisted block-based texture coding 35197
Joo-Sang Lee *see* Kim, J. 11050
Joo-Shin Lee *see* Dong-Sun Choi 56907
Joohn-Sheok Kim, Jong-Woo Choi, Seung-Ki Sul Analysis and compensation of voltage distortion by zero current clamping in voltage-fed PWM inverter 51246
Joohn-Sheok Kim *see* Dae-Woong Chung 29448
Joohn-Sheok Kim *see* Jung-Ik Ha 29789
Joohyun Koh *see* Collins, R.W. 39125
Joon, K. Critical issues and future prospects for molten carbonate fuel cells 19994
Joon Chae Chang *see* Chang Joon Chae
Joon Chung, Sang Yong Kim, Chang Joon Chae All-optical gain-clamped EDFAs with different feedback wavelengths for use in multiwavelength optical networks 6753
Joon Han Kim, Chang Yub Park Ferroelectric fatigue characteristics of yttrium added $Pb(Zr_{0.65}Ti_{0.35})O_3$ thin films prepared by sol-gel processing 2896
Joon Han Sang *see* Sang Joon Han
Joon Hong Kim *see* Doi, K. 31964

Joon Il Moon, Sang Ku Kim, Joon Ki Paik, Moon Gi Kang Fast iterative image restoration algorithms 57065
Joon Im Young *see* Young Joon Im
Joon Ki Paik *see* Hyoung Ho Lee 57216
Joon Ki Paik *see* Jeong Ho Shin 57217
Joon Ki Paik *see* Joon Il Moon 57065
Joon Kim Hang *see* Hang Joon Kim
Joon Kim Hyeong *see* Hyeong Joon Kim
Joon Lim Teng *see* Teng Joon Lim
Joon Pil Chang *see* Jin Tae Kim 15678
Joon-Hee Han *see* Jong-Seung Park 5020
Joon-Hee Lee *see* Il-Kwon Kim 41170
Joon-Hyung Jeon, Jin-Ho Kim, Heung-Moon Choi A PSRI feature extraction and automatic target recognition using a cooperative network and an MLP 4949
Joon-Hyung Jeon *see* Chang-Joon Park 25351
Joon-Hyung Jeon *see* Chang-Joon Park 57167
Joon-Nyeun Jeon *see* Gun-Han Park 26366
Joon-Seo Yim, Chang-Jae Park, Woo-Seung Yang, Hun-Seung Oh, Hee-Choul Lee, Hoon Choi, Tae-Hoon Kim, Seung-Jong Lee, Nara Won, Yung-Hei Lee, In-Cheol Park, Chong-Min Kyung Verification methodology of compatible microprocessors 41225
Joon-Seo Yim, Hee-Choul Lee, Tae-Hoon Kim, Bong-Il Park, Chang-Jae Park, In-Cheol Park, Chong-Min Kyung Single cycle access cache for the misaligned data and instruction prefetch 41189
Joon-Sung Bae *see* Su-Il Pyun 29523
Joon-Sung Lee *see* Byung-Hyuk Jun 55374
Joong Eon Seo *see* Chul Woo Lee 43910
Joong Gon Kim *see* Young Choon Kim 4947
Joong Han Choi *see* Tae Won Hur 57055
Joong Jeong Gab *see* Gab Joong Jeong
Joong Joe Young *see* Young Joong Joe
Joong Kim Hyoung *see* Hyoung Joong Kim
Joong Kim Soo *see* Soo Joong Kim
Joong Lee Pil *see* Pil Joong Lee
Joong Song Pyung *see* Pyung Joong Song
Joong Soo Kim *see* Kyung Youn Kim 34716
Joong Youn Myung *see* Myung Joong Youn
Joong-Gon Kim *see* Young-Choon Kim 15677
Joong-Goo Song *see* Jong-Tae Park 35593
Joong-Jung Kim *see* Moon-Ho Jo 43425
Joong-Shik Shin, Kwang-Soo No, Won-Jong Lee Fabrication of perovskite $(Pb,La)(Zr,Ti)O_3$ thin films by electron cyclotron resonance plasma enhanced chemical vapor deposition 52759
Joong-Suk Yoon *see* Jang-Sung Chun 50915
Joong-Sung Kwon *see* Lee-Chae Jang 30483
Joong-Wan Park *see* Chang-Sun Hong 17399
Joonho Kim *see* Jaehee You 58672
JoonKyung Lee *see* DongGill Lee 47475
Joonseo Yim, Changjae Park, Wooseung Yang, Hunseung Oh, Hoon Choi, Seungjong Lee, Nara Won, In-Cheol Park, Chong-Min Kyung Design verification of complex microprocessors 53334
Joonwhoan Lee *see* Kyoung-Bae Eum 25588
Joonwoo Lee *see* Jin-Hi Shin 22783
Joorabian, M., Aggarawal, R.K. Fuzzy neural network approach to accurate fault location on transmission lines 19329
Joorabian, M. *see* Al-Akayshee, H. 19535
Joordens, G.H.M. *see* Leenaerts, D.M.W. 11612
Joos, G. *see* Bakhshai, A. 29450
Joos, G. *see* Bakhshai, A.R. 19195
Joos, G. *see* Bakhshai, A.R. 51659
Joos, G. *see* Campos, A. 29390
Joos, G. *see* Daniele, M. 51216
Joos, G. *see* Espinoza, J.R. 51194
Joos, G. *see* Haddad, K. 19052
Joos, G. *see* Kaushik, N. 38818
Joos, G. *see* Kaushik, N. 51291
Joos, G. *see* Lopes, L.A.C. 8855
Joos, G. *see* Lopes, L.A.C. 19853
Joos, G. *see* Lopes, L.A.C. 28861
Joos, G. *see* Pande, M. 51138
Joos, G. *see* Pande, M. 51192
Joos, G. *see* Thomas, T. 38332
Jooseok Song, Myeongho Kang, Taekyolng Kwon, Chankyong Yang, Sunmi Hong, Taeil Kim, Gobong Choi Design of service feature interaction manager in AIN 26316
JooSeok Song *see* DaeHun Nyang 34548
Jooseok Song *see* Myeongho Kang 16379
JooSung Jun, SangGi Byeon, YoonHyun Lee A broadband printed antenna for DBS reception 34220
Jophn, W. EMC-adequate design of printed circuit boards as a part of the system development 41603
Joppek, C. *see* Li, J.H. 18443
Joppich, W., Mijalkovic, S. Simulation of thermal oxidation and diffusion processes by parallel PDE solver L,SS 13099
Jopson, R.M. Dispersion in long-haul lightwave systems 58405
Jopson, R.M. *see* Eiselt, M. 23496
Jopson, R.M. *see* Raybon, G. 26936
Jorat, L. *see* Siblini, A. 23338
Jorat, L. *see* Vincent, D. 27877
Jorba, A. *see* Larriba-Pey, J.-L. 592
Jorczyk, U., Daehn, W. Built-in self-test for high speed integrated circuits 53106
Jorda, X. *see* Flores, D. 42978
Jordaens, L. *see* Dimmer, C. 28382
Jordan, A. *see* Fry, G.E. 47541
Jordan, A.G. *see* McVeigh, J.S. 5500
Jordan, A.K., Tamil, L.S. Inverse scattering theory for optical waveguides and devices: synthesis from rational and nonrational reflection coefficients 13679
Jordan, A.P.H. *see* Buksh, B. 26240
Jordan, C. *see* Logue, F.P. 23984
Jordan, C. *see* Logue, F.P. 31970
Jordan, C.N. *see* Marnane, W.P. 11307
Jordan, D., Miksad, R.W., Powers, E.J. Implementation of the continuous wavelet transform for digital time series analysis [and application to wake transition to turbulence] 45809
Jordan, D. *see* Hariri, A. 19332
Jordan, F., Schutz, M., Kunt, M. Fast hybrid block/region-based algorithm for object tracking 46215
Jordan, F. *see* Nicolas, H. 56764
Jordan, F. *see* Puate, J. 46216
Jordan, H.F. *see* Bartos, R. 5865
Jordan, J., Harris, W.C., Goernert, P.N., Roberts, J. The effect of active noise reduction technology on noise induced pilot fatigue and associated cognitive performance decrements 59938
Jordan, J. *see* McCluskey, P. 52257
Jordan, J. *see* Shukla, A. 52240
Jordan, K. *see* Kehne, D. 18015
Jordan, K. *see* Pentlow, K.S. 7909
Jordan, L. *see* Sparks, D.R. 23028
Jordan, L.E., III Dawn of a new era: the image information age 18775
Jordan, L.M. *see* Giakos, G.C. 59471
Jordan, M.I. *see* Smyth, P. 30464
Jordan, O.P., Marquis-Weible, F. Characterization of photopolymerization by a holographic technique applied to a scattering hydrogel 4124
Jordan, P.R. *see* Marshalek, R.G. 6789
Jordan, R. Why is the intelligent peripheral so stupid? 26296
Jordan, R., Lotufo, R. Interactive digital image processing course on the World Wide Web 52042
Jordan, R. *see* Freeman, A. 27011
Jordan, R. *see* Lotufo, R. 20670
Jordan, R.H., Hall, D.G., King, O., Wicks, G., Rishton, S. Lasing behavior of circular grating surface-emitting semiconductor lasers 44598
Jordan, R.H., Rothberg, L.J., Slusher, R.E. Microcavity enhancement of organic electroluminescent devices 7498
Jordan, R.H., Slusher, R.E. Microcavity enhancement of organic electroluminescence 3644
Jordan, R.H. *see* Dodabalapur, A. 3633
Jordan, R.L., Caro, E.R., Kim, Y., Kobrick, M., Shen, Y. Design of Shuttle radar topography mapper (SRTM) 8348
Jordan, R.L., Caro, E.R., Kim, Y., Kobrick, M., Shen, Y., Stuhr, F.V., Werner, M.U. Shuttle radar topography mapper (SRTM) 50025
Jordan, S., Schwabe, E.J. Worst-case performance of cellular channel assignment policies 26635
Jordan, S. *see* Niedoba, H. 43670
Jordan, S.D., Jensen, P.E., Lichtenbelt, B.B.A. An architecture for high-performance 2-D image display 15735
Jordan, S.M., Whiting, J.S.S. Detecting two components of magnetization in magnetic layer structures by use of a photoelastic modulator 3493
Jordan, T.M. *see* Mangeret, R. 20906
Jordan, W., Latcha, M. Specifications for a conflict: an engineering ethics case study 20663
Jordan, W. *see* Latcha, M. 20662
Jordan-Sweet, J. *see* Clevenger, L.A. 31793
Jordan-Sweet, J. *see* Svilan, V. 43321
Jordanov, V.T., Pantazis, J.A., Huber, A.C. Compact circuit for pulse rise-time discrimination 37502
Jordanova, J.D. *see* Drenska, M.B. 13517
Jordans, E.H. *see* Canistraro, H.A. 27889
Jordery, S. *see* Surinach, S. 30989
Jorendal, G. *see* Lindroth, A. 8856
Jorendal, G. *see* Lindroth, A. 8857
Jorfeldt, L. *see* Dale, S. 59466
Jorg, K.-W., Berg, M. First results in eliminating crosstalk and noise by applying pseudo-random sequences to mobile robot sonar sensing 36896
Jorge Leon, V., Peters, B.A. Replanning and analysis of partial setup strategies in printed circuit board assembly systems 52177
Jorgens, V. *see* Lou, K. 7818
Jorgensen, B.F., Pedersen, R.J.S., Rasmussen, C.J. Transmission of 10 Gbit/s beyond the dispersion limit of standard single mode fibers 26729
Jorgensen, B.F. *see* Pedersen, R.J.S. 6750
Jorgensen, B.F. *see* Xiupu Zhang 36186
Jorgensen, C. The applicability of selected classification systems to image attributes 5539
Jorgensen, C. *see* Eriksen, P.B. 28848
Jorgensen, C.S. *see* Storkholm, J.H. 49671
Jorgensen, F.E. The computer-controlled constant-temperature anemometer. Aspects of set-up, probe calibration, data acquisition and data conversion 17203
Jorgensen, F.E., Hammer, M. Hot-wire anemometry behaviour at very high frequencies 49002
Jorgensen, I.H.H., Tunheim, S.A. A 10-bit 100 MSamples/s BiCMOS D/A converter 53352
Jorgensen, J. *see* De Ramirez, L.M. 20487
Jorgensen, J.E. *see* Lamancusa, J.S. 20696
Jorgensen, J.E. *see* Sanders, J.E. 49394
Jorgensen, J.L. *see* Eisenman, A. 59891
Jorgensen, L.V. *see* Schut, H. 42359
Jorgensen, M., Leydekkers, P., Mampaey, M., Yang, H. Support for distributed multimedia services in the TINA architecture 57996
Jorgensen, T.M., Andersen, A.W., Christensen, S.S. Shape recognition system for automatic disassembly of TV-sets 57307
Jorgenson, E.J. *see* Julius, J.A. 9004
Jorges, U., Jummel, G. Correct macromodelling of the common mode and power supply rejections of operational amplifiers 40932
Jorges, U., Jummel, G. A macromodel of the transfer characteristics of chopper-stabilized operational amplifiers oriented by the circuit structure 53054
Jorgovanovic, N. *see* Erdeljan, A. 47155
Jorio, A. *see* Khanna, S.M. 22258
Jorissen, L., Garche, J. Applications of bifunctional air electrodes 9492
Jorissen, L. *see* Doring, H. 9481
Jorissen, L. *see* Garche, J. 9471
Jormakka, J. On self-similar models for ATM-traffic 35381
Jorn, K.-U. *see* Drewek, R. 51886
Jornada, J.A.H.da *see* da Jornada, J.A.H.
Jornod, A. *see* Schweda, H.S. 48205
Jory, H. *see* Chu, T.S. 12100
Joschko, M. *see* Ashworth, S.H. 33665
Jose, E., Klaus M, B., Klaus, B., Roland, H., Tanja, K., Ulrike, S. New user interface aspects to the information highway–applying Java and VRML 6207
Jose, J. *see* Mahalakshmi, V. 24112
Jose, R.J.P. *see* Sousa, P. 6241
Josell, D. *see* Moon, K.W. 10999
Josell, D. *see* Warren, J.A. 1806
Joseph, A., Thavasimuthu, M., Jayakumar, T., Raj, B. Non-destructive examination of porcelain insulators used in electricity transmission lines 19374
Joseph, A.J., Cressler, J.D., Richey, D.M., Harame, D.L. Impact of profile scaling on high-injection barrier effects in advanced UHV/CVD SiGe HBTs 42968
Joseph, A.J., Cressler, J.D., Richey, D.M., Jaeger, R.C., Harame, D.L. Neutral base recombination and its influence on the temperature dependence of Early voltage and current gain-Early voltage product in UHV/CVD SiGe heterojunction bipolar transistors 32372
Joseph, A.J. *see* Richey, D.M. 32373
Joseph, C.M., Menon, C.S. Electrical conductivity, optical absorption and structural studies in $AgInSe_2$ thin films 12321
Joseph, C.M., Menon, C.S. Room temperature preparation method of polycrystalline $CuInSe_2$ thin films 30920
Joseph, J. Teaching digital communications using MC68340 microprocessor 20510
Joseph, L. *see* Sachdev, R.N. 48758
Joseph, L.L. *see* Alphones, A. 43990
Joseph, M.J. *see* Issac, R.C. 4065
Joseph, P., Hoffmann, A. Providing level 1 control at Chooz B 19478
Joseph, R. Analysing the telecommunications deregulation process in Australia 16139
Joseph, R.I. *see* Thomas, M.E. 4265
Joseph, R.M., Taflove, A. FDTD Maxwell's equations models for nonlinear electrodynamics and optics 44694
Joseph Ya-Min Lee *see* Yung-Hui Yeh 12534
Josephs, M.B., Yantchev, J.T. CMOS design of the tree arbiter element 1260
Joshi, A., Kremid, A., Nayak, N., Thompson, B.V., Bullough, R.K. Exact trapping state dynamics for the ^{85}Rb atom micromaser at very high Q and/or very low T 23721
Joshi, A., Weerawarana, S., Houstis, E.N. On disconnected browsing of distributed information 47133
Joshi, A. *see* Drashansky, T.T. 47586
Joshi, A. *see* Kavasseri, R. 6134
Joshi, C. *see* Lai, C.H. 12084
Joshi, C.H. Needed: variable-impedance current-limiting reactors 8958
Joshi, C.H., Lindberg, J.F., Clark, A.E. Application of high temperature superconducting wire to magnetostrictive transducers for underwater sonar 48148
Joshi, C.H. *see* Voccio, J.P. 60721
Joshi, J.C. *see* Mishra, P.R. 9557
Joshi, K.K., Pollard, R.D., Postoyalko, V. Attenuation in ribbon microstrip with and without dielectric cover 45349
Joshi, M.Y. *see* Hangirgekar, S.G. 49945
Joshi, N.V. *see* Ramachandra, T.V. 38462
Joshi, P.C., Ryu, S.O., Zhang, X., Desu, S.B. Properties of $SrBi_2Ta_2O_9$ ferroelectric thin films prepared by a modified metalorganic solution deposition technique 43482
Joshi, P.C. *see* Desu, S.B. 40551
Joshi, R., Chen, A. A new plastic chip carrier (PCC) package 20865
Joshi, R., Sanderson, A.C. Multisensor fusion and model selection using a minimal representation size framework 15418
Joshi, R., Shanker, B.J. Plastic chip carrier package 200
Joshi, R.P. *see* Tsen, K.T. 31940

Joshi, R.R., Yagle, A.E. A Levinson-like fast algorithm for solving block-slanted Toeplitz systems of equations arising in wavelet-based solution of integral equations 10488
Joshi, R.V. Reflow of Al-Cu by low temperature germane reactions 54505
Joshi, S., Youhong La, Morris, J.M. Fast algorithm for generating analysis functions in $L^2(R)$ for generalized Gabor expansions 34865
Joshi, S.C. *see* Christensen, G.E. 18389
Joshi, S.D. A low cost multichannel central ECG monitoring system 18425
Joshi, V., Dacruz, C.P., Cuchiaro, J.D., Araujo, C.A., Zuleeg, R. Analysis of C-V and I-V data of BST thin films 54922
Joshi, Y. *see* Adams, V.H. 52274
Joshi, Y. *see* Tang, L. 275
Joshi, Y.K. *see* Pal, D. 30338
Joshin, K. *see* Iwai, T. 42950
Joshin, K. *see* Yamada, H. 21925
Josiek, A. *see* Teles, L.K. 2014
Josifovski, L., Gievska, S., Davcev, D. Frame rate control in a multimedia distance learning system 47364
Josko, B. *see* Schumacher, G. 11436
Joslin, D.E. *see* Chiang, P.K. 37980
Josowicz, M. *see* Krasopoulos, A.V. 54493
Josse, E., Broquin, J.E., Fonteneau, G., Rimet, R., Lucas, J. Neodymium doped fluoride waveguides development using anionic exchange 23527
Josse, F., Lukas, R., Rongnong Zhou, Schneider, S., Everhart, D. AC-impedance-based chemical sensors for organic solvent vapors 36764
Josse, F. *see* Dahint, R. 36727
Josse, F. *see* Lee, Y. 17310
Josse, F. *see* Menon, A. 36745
Josse, F. *see* Rongnong Zhou 27485
Jossen, A., Garche, J. Rechargeable batteries for consumer applications 9514
Jossifov, C. *see* Pfleger, J. 55392
Jossinet, J. *see* McAdams, E.T. 18474
Jossinet, J. *see* Risacher, F. 59587
Jossinet, R., Castello, P., Risacher, F. Multichannel impedance plethysmography discriminates leg arteries 59588
Josso, J. *see* Polyakov, A.S. 19502
Jost, A. *see* Ostheimer, V. 12214
Jost, G., Tran, T.M., Appert, S., Wuthrich, S. Effects of electron-cyclotron instabilities on gyrotron beam quality 41798
Jost, P. *see* Lougnot, D.J. 55940
Jost, S. *see* Chian, M. 26234
Jost, S.R. *see* Benson, J.D. 21287
Jost, T. *see* Leising, G. 23691
Jost, T. *see* Rossmann, M. 11633
Jost, V. *see* Giacobino, E. 33564
Jostad, L. *see* Boisvert, J.C. 59216
Josten, N. *see* Pope, P. 50226
Jostingmeier, A. *see* Holtkamp, N. 49201
Jostingmeier, A. *see* Rieckmann, C. 24529
Jothimurugesan, K. *see* Hanidu, G.A. 20609
Jotwani, K. *see* Rindos, A. 46563
Jou, S.-J., Liu, K.-F., Su, C.-C. Circuits design optimization using symbolic approach 40819
Jou, S.J. *see* Yin, S.C. 7074
Jou, Y.F., Fengmin Gong, Winkelstein, D., Hillery, N. A method of delay and jitter measurement in an ATM network 5714
Jou I-Chang *see* I-Chang Jou
Jou Jer-Min *see* Jer-Min Jou
Jou Jing-Yang *see* Jing-Yang Jou
Jou Shyh-Horng *see* Shyh-Horng Jou
Jou Shyh-Jye *see* Shyh-Jye Jou
Jou Yue-Dar *see* Yue-Dar Jou
Jouanet, L. *see* Boudet, T. 3544
Jouanin, C. *see* Bertho, D. 22313
Jouanin, C. *see* Malonga, F. 22357
Jouanne, A.Von *see* Von Jouanne, A.
Jouanne, M. *see* Szuszkiewicz, W. 12439
Jouanne, M. *see* Szuszkiewicz, W. 22242
Jouanno, J.-M., Hubner, J., Pedersen, J.E., Kromann, R., Feuchter, T., Kristensen, M. Strong Bragg gratings for WDM devices in non-sensitised low-loss Ge-doped waveguides 3407
Jouanno, J.-M. *see* Hubner, J. 55262
Joubert, Ch., Lardellier, M., Beroual, A., Rojat, G. An original decoupling capacitor 53705
Joubert, J., Rengarajan, S.R. Design of unequal H-plane waveguide-power dividers for array applications 34461
Joubert, J., Rengarajan, S.R. Design of unequal H-plane waveguide power dividers for array applications 53535
Joubert, J. *see* Hildebrand, L.T. 31454
Joubert, J. *see* Odendaal, J.W. 16838
Joubert, J. *see* Roberts, A.R. 24456
Joubert, J. *see* Smit, L.H.E. 21884
Joubert, J.-L. *see* Chabernaud, C. 47610
Joubert, J.C. *see* Febri, M. 925
Joubert, J.C. *see* Febri, M. 940
Joubert, J.C. *see* Kramp, S. 923
Joubert, J.L. A broadband multiservice access system 26354
Joubert, M.F. *see* Shepherd, D.P. 23808
Joubert, O. *see* Bell, F.H. 22560
Joubert, O. *see* Bell, F.H. 42578
Joubert, O. *see* Bell, F.H. 54391
Joubert, P. *see* Chane-Che-Lai, F. 3620
Joubert, P. *see* Guyader, P. 13810
Joubert, W. *see* Faber, V. 572
Joudi, El.M.El *see* El Joudi, El.M.
Jouglar, J. *see* Melquiond, F. 7541
Jouishi, I. *see* Lei Zhu 34248
Joulin, D. *see* Cerre, N. 26688
Joulin, D. *see* Taufflieb, E. 23778
Joullie, A. *see* Baranov, A.N. 14109
Joumaliev, K.M. *see* Ismailov, D.A. 44812
Joumaliev, K.M. *see* Ismailov, D.A. 44821
Joun Yoo Hyung *see* Hyung Joun Yoo
Joun Yoo Kyung *see* Kyung Joun Yoo
Jouneau, P.-H. *see* Monnard, R. 33118
Jouneau, P.-H. *see* Robadey, J. 23900
Jouneau, P.-H. *see* Robadey, J. 33523
Joung Jong-Han *see* Jong-Han Joung
Joung Kim Hea *see* Hea Joung Kim
Joung Lee Kyoung *see* Kyoung Joung Lee
Joung-Chul Ahn, Fujii, N. Current-mode continuous-time filters using complementary current mirror pairs 11564
Joung-Eun Park *see* Yong-Kwan Lee 8724
Joung-Ho Kim *see* Jei-Hwan Yoo 1335
Joung-June Park *see* Jong-Ho Lee 22818
Joung-Ouk Kim, Seok-Pil Lee, Sang-Hui Park A study on optimal routing methods of computer networks using neural networks 57868
Joungchel Lee, Byungyou Hong, Messier, R., Collins, R.W. Real time spectroellipsometry for optimization of diamond film growth by microwave plasma-enhanced chemical vapor deposition from CO/H_2 mixtures 860
Joungchel Lee, Collins, R.W., Messier, R., Strausser, Y.E. Low temperature plasma process based on CO-rich CO/H_2 mixtures for high rate diamond film deposition 40557
Joungchel Lee *see* Byungyou Hong 40606
Jouny, I.I., Amin, M.G. Mitigation of broadband coherent interference using subbanding 34423
Jouny, I.I., Amin, M.G. Rejection of propeller generated multipath interference using transform-domain array processing 36220
Jour, B., Beyer, A., Schedl, M. Digital signal processors (DSP) control high-torque stepping motor drives 38766
Jourda, P., Bourgade, E., Allan, R.N. Evaluating the availability of electrical substations: a dynamic methodology 9450
Jourdain, G. Comments on "A low sidelobe technique for the direct measurement of scattering functions" 48086
Jourdain, G. *see* Capellano, V. 48035
Jourdain, G. *see* Carmillet, V. 48143
Jourdain, M. *see* Bouchakour, R. 2683
Jourdain, M. *see* Dupuis, V. 7838
Jourdan, A., Soulage, G., Artigaud, S., Dembeck, L., Jacquinot, J.C., Ort, H., Wedding, B., Da Loura, G., Hamon, L., Brille, C., Duchet, C., Doussiere, P., Grard, E., Beylat, J.L., Eilenberger, G., Sotom, M. 10 Gbit/s all-optical multiwavelength transport and routing demonstrator including a reconfigurable wavelength reallocation module 26441
Jourdan, A. *see* Bachmann, M. 6715
Jourdan, A. *see* Berger, M. 58369
Jourdan, A. *see* Garnot, M. 36162
Jourdan, A. *see* Perrier, P.A. 58331
Jourlin, M. *see* Mayet, F. 15449
Journet, B., Bazin, G., Bras, F. Conception of an adaptative laser range finder based on phase shift measurement 48878
Joutsenoja, T., Stenberg, J., Hernberg, R., Aho, M. Pyrometric measurement of the temperature and size of individual combusting fuel particles 59072
Jouvard, J.M. *see* Dumord, E. 14490
Jouvard, J.M. *see* Lemoine, F. 4167
Jouve, D., Bui, D. Digital servo drives for material tension control and winding/unwinding applications 61197
Jouvencel, B. *see* Vaganay, J. 46278
Jouvensal, L., Carlier, P.G., Bloch, G. Practical implementation of single-voxel double-quantum editing on a whole-body NMR spectrometer: localized monitoring of lactate in the human leg during and after exercise 7961
Jouvet, D. Robustness and flexibility in automatic speech recognition 4597
Jouvet, D. *see* Mokbel, C. 4604
Jouvet, D. *see* Mokbel, C. 45676
Jouvet, M. *see* Page, L. 34431
Jovanovic, A., Maile, K. ESR-VGB–an intelligent software package for residual life analysis of pipework 60454
Jovanovic, D. *see* Lake, R. 2737
Jovanovic, D. *see* Randall, J.N. 22896
Jovanovic, D.M. Application of the travelling salesman problem on the planning of medium voltage distribution network development in urban settlements 19309
Jovanovic, M.G., Betz, R.E., Platt, D. Sensorless vector controller for a synchronous reluctance motor 29691
Jovanovic, M.M., Crow, D.E. Merits and limitations of full-bridge rectifier with LC filter in meeting IEC 1000-3-2 harmonic-limit specifications 60858
Jovanovic, M.M. *see* Huber, L. 9370
Jovanovic, M.M. *see* Qing Chen 1130
Jovanovic, S. *see* Djuric, P.M. 28071
Jovanovic, S. *see* Donaldson, G. 19193
Jove, X., Santamaria, M.E., Martinez, E., Socoro, J.C. Segmentation to diminish the mosaic effect 15640
Jove, X. *see* Marroquin, E.M. 7936
Jove, X. *see* Marroquin, E.M. 59397
Jove-Lagunas, T. *see* Fabregat-Gesa, R. 26260
Jovic, V.B. *see* Duric, Z.G. 10736
Jovovic, J.Dj. *see* Zivanov, M.B. 41987
Jovovic, V. Determination of alpha particle track density in solid state nuclear track detectors (SSNTDs) by spark counter VBT-1 59298
Jow, J., Wei-Kuo Lee, Cieloszyk, G.S. Stochastic simulation of water treeing in heterogeneous media using a field enhancement equation 43437
Jow, T.R. *see* Zheng, J.P. 29518
Jow-Tsong Shy, Wang-Yuel Cheng, Che-Chung Chou, Shie-Chang Jeng, Tyson Lin, Tong-Long Huang, Chen, E.C., Chin-Yen Cheng, Chieh Yih Wan, Choung-Chu Chen Frequency stabilization of He-Ne lasers 13977
Jow-Tsong Shy *see* De-Yuan Chung 27212
Jow-Tsong Shy *see* Wen-Ling Yang 17727
Joyce, B.A., Neave, J.H., Fahy, M.R., Sato, K., Holmes, D.M., Belk, J.G., Sudijono, J.L., Jones, T.S. Growth dynamics of GaAs, AlAs and (Al,Ga)As on GaAs (110) and (111)A substrates during molecular beam epitaxy 764
Joyce, B.A. *see* Avery, A.R. 2039
Joyce, B.A. *see* Belk, J.G. 815
Joyce, B.A. *see* Belk, J.G. 21300
Joyce, B.A. *see* Fernandez, J.M. 763
Joyce, B.A. *see* Griffin, N. 42087
Joyce, B.A. *see* Holmes, D.M. 40444
Joyce, B.A. *see* Paul, D.J. 22293
Joyce, B.A. *see* Paul, D.J. 43110
Joyce, B.A. *see* Ryan, J.M. 42053
Joyce, B.A. *see* Sudijono, J.L. 765
Joyce, B.A. *see* Taylor, A.G. 41856
Joyce, B.A. *see* Tok, E.S. 52679
Joyce, B.A. *see* Xie, M.-H. 10742
Joyce, B.A. *see* Yamaguchi, H. 52703
Joyce, D. *see* Casey, S. 55047
Joyce, J., Elliott, B. Columbus builds pioneering information infrastructure 36116
Joyce, T. *see* Allison, W.W.M. 37269
Joyce, T.B. *see* Ashwin, M.J. 758
Joyce, T.B. *see* Davidson, B.R. 766
Joye, M., Quisquater, J.-J. Protocol failures for RSA-like functions using Lucas sequences and elliptic curves 56277
Joye, M. *see* Quisquater, J.-J. 58588
Joyner, C. *see* Giles, R. 26698
Joyner, C.H. *see* Doerr, C.R. 14150
Joyner, C.H. *see* Doerr, C.R. 24026
Joyner, C.H. *see* Doerr, C.R. 26703
Joyner, C.H. *see* Doerr, C.R. 58376
Joyner, C.H. *see* Giles, C.R. 6725
Joyner, C.H. *see* Zirngibl, M. 24025
Joyner, C.H. *see* Zirngibl, M. 36124
Joyner, K., Schiebel, R., Jacobs, J., Mercer, D., Houston, T. Physical and electrical characterization and optimization of mesa isolation for 0.35/0.25 μm SOI 22552
Joyner, K. *see* Aton, T. 1354
Joyner, K. *see* Chatterjee, A. 2805
Joyner, K. *see* Chatterjee, A. 54800
Joyner, K. *see* Duvvury, C. 2655
Joyner, K. *see* Krska, J.-H.Y. 22462
Joyner, K. *see* Yin Hu 1358
Joyner, R.W. *see* Wilders, R. 49721
Jozawa, H., Kamikura, K., Sagata, A., Kotera, H., Watanabe, H. Two-stage motion compensation using adaptive global MC and local affine MC 35182
Jozefak, L. *see* Hosny, W. 19741
Jozefowska, J., Rozycki, R., Weglarz, J. A genetic algorithm for some discrete-continuous scheduling problems 21104
Jozsa, R. *see* Barnum, H. 34581
Jozwiak, I.J. An introduction to the studies of reliability of systems using the Weibull proportional hazards model 52337
Jozwiak, L. Quality-driven design space exploration in electronic system design 147
Jozwik, A., Chmielewski, L., Cudny, W., Sklodowski, M. A 1-NN preclassifier for fuzzy k-NN rule 15200
Jozwik, A., Serpico, S., Roli, F. Two approaches to the sample set condensation. Experiments with remote sensing images 56606
Jr-Min Fan, Ruey-Shan Guo, Shi-Chung Chang, Jian-Huei Lee Abnormal trend detection of sequence-disordered data using EWMA method [wafer fabrication] 43176
Jrgensen, H.E., Mikkelsen, T., Streicher, J., Herrmann, H., Werner, C., Lyck, E. Lidar calibration experiments 58480
Ju, B.K. *see* Jung, J.H. 41781
Ju, J.-H. *see* Qiu, X. 47088
Ju, J.J., Kwon, T.Y., Yun, S.I., Cha, M., Seo, H.J. Upconverted fluorescence in Er^{3+} doped $LiNbO_3$ single crystals 24240
Ju, J.J. *see* Kwon, T.Y. 44728
Ju, K. *see* Chang, J.-W. 43681
Ju, M., Kriege, M. Prediction of electromagnetic emissions from the cable connecting the notebook computer's mother board to its flat panel display 47509
Ju, P., Handschin, E. Identifiability of load models [power systems] 38216
Ju, P., Handschin, E., Karlsson, D. Nonlinear dynamic load modelling: model and parameter estimation 19058

Ju, S., Kading, O.W., Leung, Y.K., Wong, S.S., Goodson, K.E. Short-timescale thermal mapping of semiconductor devices 54641
Ju, S.H., Sandor, B.I. The reversibility of creep-fatigue damage in 63Sn-37Pb solder 30968
Ju, S.H., Sandor, B.I., Plesha, M.E. Life prediction of solder joints by damage and fracture mechanics 30382
Ju, T.H., Chan, Y.W., Hareb, S.A., Lee, Y.C. An integrated model for ball grid array solder joint reliability 10092
Ju, T.H. *see* Lin, W. 33135
Ju Byeong Kwon *see* Byeong Kwon Ju
Ju Byeong-Kwon *see* Byeong-Kwon Ju
Ju Cheol Shin *see* Ho Jin Cho 52801
Ju Hyun Yoo *see* Kihyun Yoon 54934
Ju Jae-Hyun *see* Jae-Hyun Ju
Ju Jin, Higuchi, T. Direct electrostatic levitation and propulsion 44976
Ju Jin, Higuchi, T. Direct electrostatic levitation and propulsion 51752
Ju Jin, Jong Up Jeon, Higuchi, T. Direct electrostatic levitation and propulsion of silicon wafer 33849
Ju Kim Jung *see* Jung Ju Kim
Ju Kyoung-Hwan, Sung Ha-Jong, Youn Dae-Hee, Cha Il-Whan Cumulant based approach for direction-of-arrival estimation of wideband sources 34838
Ju Lee *see* Yoshida, K. 51755
Ju Pil Kim, Deok Rak Bae Fuzzy congruences in groups 10295
Ju Ping *see* He Nanqiang 28739
Ju Teh-Hua *see* Teh-Hua Ju
Ju Wu *see* Wu Ju
Ju Young-Gu *see* Young-Gu Ju
Ju Zhenle, Fu Junmei, Feng Enxin An explicit and stable time-domain method for simulation wave propagation in optical structures 44014
Ju Zhenle, Fu Junmei, Feng Enxin A simple wide-angle beam-propagation method for integrated optics 55298
Ju-Hong Lee, Yung-Ting Lee Adaptive beamforming using cyclic signals in the presence of cycle frequency error 34832
Ju-Hong Lee *see* Cheng-Chou Lee 24903
Ju-Hong Lee *see* Shiann-Jeng Yu 24902
Ju-Hyuck Chung *see* Masu, K. 2435
Ju-Hyun Lee, Yanghee Choi, Byoung-Tak Zhang, Chong Sang Kim Using a genetic algorithm for communication link partitioning 58087
Ju-Hyun Lee *see* Seong-Wog Suh 43484
Ju-Suk Lee, Takeshita, T., Matsui, N. Optimized stator-flux-oriented sensorless drives of IM in low-speed performance 29706
Ju-Suk Lee *see* Takeshita, T. 39280
Ju-Won Soh, Jin-Hyeok Kim, Won-Jong Lee Substrate effects on the epitaxial growth of AlN thin films using electron cyclotron resonance plasma enhanced chemical vapor desposition 10725
Ju-Youn Cha *see* Jong-Son Lyu 43061
Ju-Young Jeong *see* Sang-Gi Lee 43014
Juama, S. Bragg grating boost data transmission rates 16709
Juan, J.M., Rius, A., Hernandez-Pajares, M., Sanz, J. A two-layer model of the ionosphere using Global Positioning System data 45146
Juan, W.H. *see* Weigold, J.W. 43396
Juan, Y. *see* Lane, F. 17091
Juan Hsiao-Ping *see* Hsiao-Ping Juan
Juan Jui-Kuo *see* Jui-Kuo Juan
Juan Li *see* Li Juan
Juan-Llacer, L., Cardona, N. UTD solution for the multiple building diffraction attenuation function for mobile radiowave propagation 24481
Juang, F.S., Su, Y.K., Chen, S.M. Fourier transform infrared spectroscopy for InAsSb-GaSb type II superlattices 42125
Juang Biing-Hwang *see* Biing-Hwang Juang
Juang Chaur-Shiuann *see* Chaur-Shiuann Juang
Juang Jeng Yih *see* Jeng Yih Juang
Juang Tong-Ying *see* Tong-Ying Juang
Juang Wen-Shenq *see* Wen-Shenq Juang
Juang Yu-Ru *see* Yu-Ru Juang
Juarez, H. *see* Peykov, P. 12574
Jubber, M.G. *see* Roberts, P.G. 10921
Jubi Liao *see* Guiyun Tian 27476
Jubran, B.A. *see* Haj Khalil, R.A. 60584
Juby, L., Bucknall, R., Jackson, M.B., Haines, N.A. Experimental investigations into the performance of cycloconverter propulsion systems employing tandem AC AC generators 29817
Juciene, V. *see* Pozela, J. 31975
Juciene, V. *see* Pozela, J. 42181
Juciene, V. *see* Pozhela, J. 42119
Juck Sik Lee Analysis of convergent looking stereo camera model 56906
Juda, M. *see* Dziong, Z. 35647
Judah, S.K. *see* Kleinermann, F. 18449
Judah, S.R. *see* Kin-Lung Chan 41400
Judai, Y. *see* Fukushima, T. 1475
Juday, R. *see* Ho, J.S. 5212
Juday, R.D., Knopp, J. HOLOMED--an algorithm for computer generated holograms 4140
Juday, R.D. *see* Carlson, D.W. 3546
Juday, R.D. *see* Knopp, J. 3485
Juday, R.D. *see* Montes-Usategui, M. 7135
Juday, R.D. *see* Panerai, F.M. 35127
Judd, D., McKinley, P.K., Jain, A.K. Large-scale parallel data clustering 15554
Judd, D. *see* Celata, C.M. 59132
Judd, D.K. *see* Terry, R.E. 20661
Judd, D.L. *see* Barnard, J.J. 59104
Judd, D.L. *see* Friedman, A. 59103
Judd, D.R. Data synchronization simulation using the MATHWORKS Communications Toolbox 4722
Judd, E. *see* Betts, W. 59222
Judd, J. *see* Rafferty, T. 37740
Judd, K. *see* Allie, S. 40848
Judd, M.D. *see* Hanson, J. 8272
Judd, R.M. *see* Rehwald, W.G. 28272
Judge, J., Beadle, H.W.P., Chicharo, J. Modeling World-Wide Web request traffic 46687
Judge, J., Galantowicz, J.F., England, A.W., Dahl, P. Freeze/thaw classification for prairie soils using SSM/I radiobrightnesses 8513
Judice, J. *see* Marty, K.G. 21085
Juditsky, A. *see* Delyon, B. 40290
Judkins, J. *see* Hansen, P.B. 26879
Judkins, J. *see* Kotseroglou, T. 33602
Judson, M.B. Cost-effective evaluation of digital communication ICs 26509
Judy, D. *see* Litz, M.S. 53975
Judy, D.C., Blackburn, J., Merkel, G., Fleetwood, R.M., Weidenheimer, D.M., Jenkins, B., Gorbics, S.G., Pereira, N.R. Measurement of fluence and flux of proton beams using differentially filtered diamond detectors and radiachromic film 28021
Judy, J. *see* Xing Song 43684
Judy, J.H. *see* Kyusik Sin 43691
Judy, J.H. *see* Sivertsen, J.M. 32838
Judy, J.W., Muller, R.S. Fabrication processes for magnetic microactuators with polysilicon flexures 23092
Jue, G. *see* Hogerheiden, J. 53528
Jue Ge *see* Ge Jue
Jue Liu *see* Liu Jue
Juebang Yu *see* Yu Juebang
Juei Tsang Hsu, Yu Hsiu Chang, Ker Ming Liu The effects of Q/M and M/A on a nonmagnetic monocomponent contact development system under different DC bias voltages 39467
Juengel, A. *see* Gasser, I. 54012
Juenger, R. *see* Grimm, T. 39699
Juergensen, H. *see* Beccard, R. 40330
Juergensen, H. *see* Bergunde, T. 40324
Juesheng Zhang *see* Zhang Juesheng
Jueying Wang *see* Wang Jueying
Jufer, M. Indirect sensors for electric drives 51716
Jufer, M., Crivii, M. Effect of phase current waveforms on the characteristics and acoustic noise of switched reluctance motors 61178
Juffermans, A.H. *see* Gehoel-van Ansem, W.F.J. 42839
Juffermans, C. *see* Dirksen, P. 2471
Jug, B.R. *see* Garbowicz, G.D. 39402
Jugan, D. *see* Kazdaghli, A. 51287
Jugl, E. *see* Iversen, K. 47998
Jugl, F., Kuhwald, T., Iversen, K. Algorithm for construction of (0,1)-matrix codes 36121
Jugo, D., Carrasco, H., Medina, R., Castillo, C. Usefulness of high resolution electrocardiogram and heart rate variability in chronic Chagas disease 59653
Juhasz, A. *see* Aden, T.C. 38182
Juhasz, Z. Performance prediction of parallel low-level image processing operations 46496
Juhasz, Z., Crookes, D. A PVM implementation of a portable parallel image processing library 25666
Juhel, M. *see* Driad, R. 22770
Juhl, G. *see* Loffler, M.J. 38184
Juhl, M., Primdahl, S., Manon, C., Mogensen, M. Performance/structure correlation for composite SOFC cathodes 20000
Juhn-Suk Yoo, Byung-Hyuk Min, Cheol-Min Park, Min-Koo Han T-type gate poly-Si thin film transistor using bird's beak effect 2624
Juhn-Suk Yoo *see* Byung-Hyuk Min 22797
Juhn-Suk Yoo *see* Cheol-Min Park 22580
Juhn-Suk Yoo *see* Cheol-Min Park 22799
Juhn-Suk Yoo *see* Kwon-Young Choi 22795
Juhola, M., Aalto, H., Hirvonen, T., Pyykko, I. Some aspects in signal analysis of vestibulo-ocular reflex eye movements 59622
Juhola, M. *see* Chang, Y.-W. 60163
Juhola, M. *see* Tian, J. 37809
Juhola, M. *see* Tian, J. 59616
Juhola, T. *see* Mokhtari, M. 54772
Juhua Zhong *see* Ruibo Lu 55316
Juhyun Ryu *see* Cheong Youn 16365
Jui Chen Yung *see* Yung Jui Chen
Jui-Chi Hsu, Shu-Yuen Hwang A machine learning approach for acquiring descriptive classification rules of shape contours 56703
Jui-Han Lu, Kin-Lu Wong Characteristics of slot-coupled double-sided microstrip lines with various coupling slots 11662
Jui-Han Lu, Kin-Lu Wong Slot-coupled directional couplers between double-sided cylindrical microstrip lines 34177
Jui-Hua Li *see* Nam Ling 5335
Jui-Kuo Juan, Harris, J.G., Principe, J.C. Analog VLSI implementations of continuous-time memory structures 1639
Jui-Ling Yang *see* Yi-Feng Hung 30153
Jui-Man Chiu, Zen Chen, Chao-Ming Wang 3-D polyhedral face computation from two perspective views with the aid of a calibration plate 46334
Jui-Ming Chang, Pedram, M. Energy minimization using multiple supply voltages 11045
Jui-Ming Hsu, Mount-Learn Wu, Ching-Ting Lee Hybrid approach for quasistatic analysis of shielded strip lines 34150
Jui-Ming Hsu *see* Ching-Ting Lee 33076
Jui-Ming Hsu *see* Mount-Learn Wu 3426
Juillard, M. *see* Garvey, T. 49193
Juin-Hwey Chen, Dongmei Wang Transform predictive coding of wideband speech signals 14915
Juing-Yi Chang, Tan Fu Lei, Tien Sheng Chao A novel shallow trench isolation technique 54422
Juing-Yi Cheng, Tan Fu Lei, Tien Sheng Chao, Yen, D.L.W., Jin, B.J., Lin, C.J. A novel planarization of oxide-filled shallow-trench isolation 42510
Juinn-Dar Huang, Jing-Yang Jou, Wen-Zen Shen An iterative area/performance trade-off algorithm for LUT-based FPGA technology mapping 11337
Juinn-Dar Huang *see* Jie-Hong Jiang 40830
Jukan, A., Stilling, B. Optical nodes in the PHOTON field trial 47497
Jukes, K. *see* Vavak, F. 10384
Jukic, D., Scitovski, R. Existence of optimal solution for exponential model by least squares 40143
Jukna, A. *see* Lisauskas, V. 40371
Jul-Ki Seok, Seung-Ki Sul Pseudo-rotor flux oriented control for deep bar effect compensation 29704
Jul-Man Chiu *see* Jen-Hui Chuang 46226
Julia, S., Litovsky, I., Patrou, B. On codes, ω-codes and ω-generators 4530
Julian, A.L. *see* Consoli, A. 29740
Julian, C.de *see* de Julian, C.
Julian Zhao *see* Zhao Julian
Julias, B. *see* McGinnis, H. 60492
Julie, J.J. *see* Droguet, J.P. 60159
Julien, C. *see* Nazri, G.A. 29559
Julien, F.H. *see* Boucaud, P. 2171
Julien, F.H. *see* Sylvestre, A. 54692
Julien, J. *see* Berg, M. 37259
Julien, L. *see* Bourzeix, S. 14364
Julien, L. *see* de Beauvoir, B. 27263
Julien-Vergonjanne, A. *see* Fargeot, S. 11023
Julin, R. *see* Butler, P.A. 37520
Julinda *see* Yoshida, S. 21394
Julinda *see* Yoshida, S. 36886
Julius, J.A., Jorgenson, E.J., Parry, G.W., Mosleh, A.M. Procedure for the analysis of errors of commission during nonpower modes of nuclear power plant operation 9004
Jullien, G.A. On the use of animated sequences for pedagogical enhancement 102
Jullien, G.A. VLSI digital signal processing: some arithmetic issues 21722
Jullien, G.A., Luo, W., Wigley, N.M. High throughput VLSI DSP using replicated finite rings 31321
Jullien, G.A. *see* Bandyopadhyay, S. 53187
Jullien, G.A. *see* Dimitrov, V. 24885
Jullien, G.A. *see* Djahanshahi, H. 1667
Jullien, G.A. *see* Djahanshahi, H. 7430
Jullien, G.A. *see* Phoukas, D. 4798
Jullien, G.A. *see* Sadeghi-Emamchaie, S. 5543
Jullien, G.A. *see* Sadeghi-Emamchaie, S. 15880
Jullien, G.A. *see* Zhang, D. 53497
Jullien, G.A. *see* Zhongde Wang 1218
Jullien, G.A. *see* Zhongde Wang 21635
Jullien, G.A. *see* Zhongde Wang 31230
Jullien, P. *see* Sturman, B.I. 3310
Julsrud, P.R. *see* Yi Wang 7986
Julsrud, T.E. Distance education in Norwegian manufacturing industry and the education sector--current situation and future needs 46888
Julstrom, B.A. *see* Yiaowei Zheng 56314
Jum-moon Park *see* Moon-Ho Kye 51324
Juma, S. *see* Chen, L.R. 58388
Jumarie, G. Image processing. A new approach via informational entropy and informational divergence of non random functions 46378
Jumas, J.C. *see* Cochez, M.A. 29538
Jummel, G. *see* Jorges, U. 40932
Jummel, G. *see* Jorges, U. 53054
Jun, C.H. *see* Shin, H.K. 40637
Jun, J. *see* Heydt, G.T. 8884
Jun, J. *see* Leszczynski, M. 40299
Jun, J. *see* Liliental-Weber, Z. 10621
Jun, J. *see* Liliental-Weber, Z. 10804
Jun, J. *see* Suski, T. 21220
Jun, J. *see* Teisseyre, H. 40442
Jun, S.J. *see* Seong-Heon Seo 60892
Jun, Y.-H. Parallel logic simulation with assignable delays on a vector multiprocessor computer 53243
Jun Byung Hwan *see* Byung Hwan Jun
Jun Byung-Eul *see* Byung-Eul Jun
Jun Byung-Hyuk *see* Byung-Hyuk Jun
Jun Cai, Kian-Lee Tan, Beng Chin Ooi On incremental cache coherency schemes in mobile computing environments 57862
Jun Cao *see* Kun Wang 54325
Jun Chen, Ioinovici, A. Switching-mode DC-DC converter with switched-capacitor-based resonant circuit 11165
Jun Chen, Wei Hong A novel iterative algorithm based on measured equation of invariance for EM scattering of arbitrary multi-cylinders 33979
Jun Chen, Wei Hong Analysis of a periodic dielectric layer loaded with metallic strips by FD-MEI technique 33999

Jun Chen, Wei Hong, Changhong Liang A new model of generalized invertor and its applications 21901
Jun Chen *see* Chen Jun
Jun Cheng *see* Cheng Jun
Jun Chi-Hoon *see* Chi-Hoon Jun
Jun Dai *see* Dai Jun
Jun Feng *see* Zhen-Xian Liang 44236
Jun Fu *see* Fu Jun
Jun Gong *see* Gong Jun
Jun Gu *see* Bin Du 16123
Jun Gu *see* Puri, R. 1278
Jun Gyu-Chang *see* Gyu-Chang Jun
Jun Hong *see* Hong Jun
Jun Hu Research and development of biosensors in China 17552
Jun Hu, Dong-qi Zhu, Bin Wu Permanent magnet synchronous motor drive without mechanical sensors 20128
Jun Hwang Sun *see* Sun Jun Hwang
Jun Jae-Hong *see* Jae-Hong Jun
Jun Jong-Arm *see* Jong-Arm Jun
Jun JooSung *see* JooSung Jun
Jun Keun Chang *see* Joo Young Park 18345
Jun Kim Han *see* Han Jun Kim
Jun Kyun Choi, Min Ho Choi Design of cell-based "Super ATM frame" for gigabit transmission and switching in ATM backbone network 26246
Jun Lee Seung *see* Lee Seung Jun
Jun Lee Seung *see* Seung Jun Lee
Jun Li, Hou, E., Kosonocky, W.F. Signal processing computer system for multi-wavelength imaging pyrometer 27655
Jun Li, Qing-Ming Chen, Wang Zhang, Ming-Jie Xie, Zai-Guang Li, Pan, J.J. Pulsed magnetically confined discharge for copper vapor lasers 3682
Jun Li *see* Olsen, L.C. 38979
Jun Li *see* Olsen, L.C. 39118
Jun Li *see* Li Jun
Jun Lin, Jie-Gu Li Off-line Chinese signature verification 57227
Jun Lin *see* Lin Jun
Jun Liu *see* Guochang Xu 44601
Jun Liu *see* Xiaojian Chen 53676
Jun Liu *see* Liu Jun
Jun Lu *see* Lu Jun
Jun Luo *see* Luo Jun
Jun Ma, Han-Bin Liang, Kaneshiro, M., Kyono, C., Pryor, R., Papworth, K., Cheng, S. A graded-channel MOS (GCMOS) VLSI technology for low power DSP applications 13148
Jun Mo Koo, Young Il Kim, Jae Hwang Ryu, Jin Ick Lee Implementation of prototype wideband CDMA system 47764
Jun Mo Koo *see* Sung Kim 50704
Jun Park Rae *see* Rae Jun Park
Jun Park Young *see* Young Jun Park
Jun Peng *see* Peng Jun
Jun Qiao *see* Qiao Jun
Jun Qiu *see* Shokooh, F. 50377
Jun Ren *see* Ren Jun
Jun Rhee Do *see* Do Jun Rhee
Jun Rim Choi, Lak Hyun Jang, Seong Wook Jung, Jin Ho Choi Structured design of a 288-tap FIR filter by optimized partial product tree compression 41326
Jun Seok Park, Jae Bong Lim, Jae Hyun Lee Design of the harmonic rejection waveguide lowpass filters by synthesis method 41415
Jun Seok Song, Seung Jun Lee, Choong Woong Lee Conditional arithmetic coding of tree structured vector quantisation indices with reduced memory 45533
Jun Seok Song, Seung Jun Lee, Choong Woong Lee High-order entropy coding for tree structured vector quantization 56341
Jun Seok Song *see* Seung Jun Lee 56301
Jun Shan *see* Hamers, R.J. 12173
Jun Shen, Danfei Shen Orthogonal Legendre moments and their calculation 5376
Jun Shen, Danfei Shen Image characterization by fast calculation of low-order Legendre moments 25587
Jun Shen, Nikias, C.L. Estimation/detection in impulsive noise/multiuser interference environment 4788
Jun Shi *see* Shi Jun
Jun Sung Kim *see* Choong Hwan Lee 5244
Jun Sung Kim *see* Kwang Il Park 52951
Jun Tan, Cornett, F.N. A fast learning algorithm for adaptive linear combiner 45841
Jun Wan De *see* De Jun Wan
Jun Wang *see* Jinghua Li 53151
Jun Wang *see* Wang Jun
Jun Wei *see* Ho, B.K.T. 18272
Jun Wu *see* Wu Jun
Jun Xia *see* Xia Jun
Jun Xie *see* Xie Jun
Jun Xin *see* Xin Jun
Jun Xu, Miyazaki, S., Hirose, M. High-quality hydrogenated amorphous silicon-germanium alloys for narrow bandgap thin film solar cells 40528
Jun Xu *see* Peizhen Deng 10669
Jun Xu *see* Xu Jun
Jun Yan *see* Jianyao Wu 44697
Jun Yan *see* Yan Jun
Jun Yang, Ohnishi, N., Dili Zhang, Sugie, N. Unique shape recovery of a polyhedron based on interreflections 15456
Jun Yang, Ou Mao, Girt, E., Altounian, Z., Strom-Olsen, J.O. Anisotropic sintered $Sm_2(Fe,M)_{17}N_x$ magnets made by rotational alignment 43623
Jun Yang *see* Ribic, Z. 18553
Jun Ye, Long-Sheng Ma, Daly, T., Hall, J.L. Highly selective terahertz optical frequency comb generator 55302
Jun Ye, Long-Sheng Ma, Hall, J.L. Ultra-stable optical frequency reference at 1.064 μm using a C_2HD molecular overtone transition 27378
Jun Yi Wang *see* Der Ming Hsieh 54329
Jun Yong Il *see* Yong Il Jun
Jun Young-Sam *see* Young-Sam Jun
Jun Yu, Zhaojian Hong, Wenli Zhou, Guangjun Cao, Jifan Xie, Xingjiao Li, Shaoping Li, Zhuang Li Formation and characteristics of $Pb(Zr,Ti)O_3$ field-effect transistor with a SiO_2 buffer layer 43584
Jun Yu *see* Yevick, D. 24447
Jun Yuan *see* Pixley, C. 36430
Jun Zhang Symbolic and numerical computation on Bessel functions of complex argument and large magnitude 545
Jun Zhang The convergence of mean field procedures for MRFs [image processing] 15486
Jun Zhang Acceleration of five-point red-black Gauss-Seidel in multigrid for Poisson equation 30633
Jun Zhang, Nair, I., Morgan, M.G. Effects function simulation of residential appliance field exposures 59836
Jun Zhang *see* Zhang Jun
Jun Zhao *see* Zhao Jun
Jun Zhi, Shaojun Wei, Hongyi Chen HEC identifying in SDH-ATM interface circuit 58075
Jun Zhou *see* Jianzhong Qian 53547
Jun Zhou *see* Zhien Wang 50040
Jun Zhou *see* Zhou Jun
Jun Zhu, Lubkeman, D.L., Girgis, A.A. Automated fault location and diagnosis on electric power distribution feeders 50553
Jun Zhuang *see* Zhuang Jun
Jun-Bo Yoon *see* Ki Bang Lee 13191
Jun-Cheol Park *see* Oh-Young Kwon 21157
Jun-Dong Park *see* Alhumaidi, S.M. 8433
Jun-Fa Mao, Kuh, E.S. Fast simulation and sensitivity analysis of lossy transmission lines by the method of characteristics 54764
Jun-Fa Mao, Wang, J.M., Kuh, E.S. Simulation and sensitivity analysis of transmission line circuits by the characteristics method 11121
Jun-Fa Mao, Wing, O., Fung-Yuel Chang Synthesis of coupled transmission lines 40847
Jun-Fu Cheng Hyperimposed convolutional codes 4475
Jun-Hao Xu *see* Baoxing Chen 31925
Jun-Hee Hong, Byung-Tae Jeung, Seung-Hee Kim, Bok-Shin Ahn A time-domain approach to transmission network equivalents for electromagnetic transient analysis: equivalent driving-point admittance model 60344
Jun-Ho Oh *see* Jae-Woong Yi 46438
Jun-Hyun Nam *see* Jae-Hyung Lee 51596
Jun-Ing Ker, Chen, F.F., Jiuxiao Lu A quick Hough transform parameter search algorithm for flexible part inspection 20973
Jun-Min Wang *see* Wang Jun-Min
Jun-Ming Chuang *see* Zhizhang Chen 24096
Jun-Ming Zhou *see* Zhou Jun-Ming
Jun-O Jeong, Heon-Yong Lee, Tae-Woo Lee, Moon-Pyung Park, Sung-Ho Park, Kwang-Eui Pyun Analysis of the device-size dependence of the current gain in GaInP/GaAs HBTs 2587
Jun-Sik Cho *see* Won-Kook Choi 12295
Jun-Sik Kwon, Jong-Soo Choi 2-D object recognition using distance transform on morphological skeleton 15675
Jun-Wei Hsieh, Liao, H.-Y.M., Kuo-Chin Fan, Ming-Tak Ko A fast algorithm for image registration without predetermining correspondences 5293
Jun-Wei Hsieh *see* Jung-Shiong Chang 25279
Jun-Xiong Hui *see* Hui Jun-Xiong
Jun-Yan Ren *see* Ren Jun-Yan
Jun-Ying Zhang, Boyd, I.W. Low temperature photo-oxidation of silicon using deep UV radiation 2337
Jun-Young Ahn *see* Young-Seok Kim 51040
Jun-Young Lee, Gun-Woo Moon, Young-Seok Jung, Myung-Joong Youn A new single-stage AC/DC converter with high efficiency and high power factor 51274
Junak, J. *see* Grzesik, B. 9393
Junbi Chen *see* Bin Li 53309
Junbi Chen *see* Yunfeng Bai 53312
Junbiao Peng *see* Runguang Sun 10961
Junbiao Zhu, Jiejia Zhuang, Yonggui Li, Yuanyuan Zhong Study on high-voltage, high-brightness pseudospark electron beam characteristics and emission mechanism 23223
Juncar, P., Himbert, M.E., Elandaloussi, H., Fang, H., Faroult, M., Fretel, E., Guellati, S., Khelifa, N., Millerioux, Y., Plimmer, M.D., Razet, A., Thibout, R., Wallerand, J.-P. The materialization of the Metre at BNM-INM, the French National Institute for wavelength metrology 17182
Junchen Du, Kim, S.P. Reduced complexity conditional entropy coding of LSP parameters 14881
Junchen Du, Kim, S.P. A robust LSP encoding scheme for noisy channel 15102
Juncheng Cao *see* Cao Juncheng
Juncheng Gao *see* Gao Juncheng
Junding Wen *see* Wen Junding
Jundt, D.H. Processing and applications of electric field periodic poled $LiNbO_3$ 13530
June Hong Se *see* Se June Hong
June Kim Sung *see* Sung June Kim
June Park Hong *see* Hong June Park
June Park Young *see* Young June Park
June-Ho Lee *see* Doo-Sung Shin 19375
June-Ho Lee *see* Seung-Ik Jeon 23110
June-Ho Park *see* Hwa-Seok Lee 50545
June-Yub Lee, Greengard, L. A fast adaptive numerical method for stiff two-point boundary value problems 40277
Junewen Chen *see* Hon-Fai Yau 14357
Junewen Chen *see* Hon-Fai Yau 24205
Junfa Mao *see* Mao Junfa
Junfan Zhu *see* Zhu Junfan
Junfang He *see* He Junfang
Junfang Lu *see* Lu Junfang
Junfeng Song *see* Ying Liu 14154
Junfeng Zhou *see* Zhou Junfeng
Jung, B., Montelius, A., Dahlin, H., Ekstrom, P., Ahnesjo, A., Hogstrom, B., Glimelius, B. The conceptual design of a radiation oncology planning system 28424
Jung, B.H., Kim, C.Y., Kim, H.H. Prediction of received power and delay spread in urban crossroads for microcell design 47809
Jung, C. *see* Fiedler, U. 44570
Jung, C. *see* Jager, R. 33528
Jung, C. *see* Schnitzer, P. 3851
Jung, C.C., Saban, S.B., Yee, S.S., Darling, R.B. Chemical electrode surface plasmon resonance sensor 7385
Jung, C.C. *see* Karlsen, S.R. 7312
Jung, Ch. *see* Heske, C. 42424
Jung, C.O. *see* Chi, K.K. 54470
Jung, C.O. *see* Shibkov, A. 12722
Jung, C.S. *see* Lee, S.Y. 32964
Jung, C.U. *see* Kyoung Ha Kim 2056
Jung, E., Aschenbrenner, R., Ostmann, A., Zakel, E., Reichl, H. Flip chip soldering and adhesive bonding on organic substrates 12010
Jung, E., Eldring, J., Kloeser, J., Ostmann, A., Zakel, E., Reichl, H. Flip chip soldering on printed wiring boards using vapor phase reflow 20910
Jung, E., Kloeser, J., Nave, J., Engelmann, G., Dietrich, L., Zakel, E., Reichl, H. Reliability investigations of different bumping processes for flip chip and TAB applications 22094
Jung, E. *see* Aschenbrenner, R. 20897
Jung, F. *see* Della Dora, J. 30419
Jung, G.-Y. *see* Choi, J.-W. 31642
Jung, G.S. *see* Gudivada, V.N. 46296
Jung, H. *see* Miltenyi, P. 44460
Jung, H.-J. *see* Cho, J.S. 52758
Jung, H.-J. *see* Koh, S.K. 7775
Jung, H.-J. *see* Machin, G. 27205
Jung, H.-J. *see* Mangum, B.W. 27206
Jung, H.-J. *see* Sakuma, F. 27208
Jung, H.-S. Information and communication policy in Korea 46848
Jung, H.-S. *see* Park, S.-B. 3431
Jung, H.D., Song, C.D., Wang, S.Q., Arai, K., Wu, Y.H., Zhu, Z., Yao, T., Katayama-Yoshida, H. Carrier concentration enhancement of p-type ZnSe and ZnS by codoping with active nitrogen and tellurium by using a δ-doping technique 42381
Jung, H.J. *see* Song, K. 13246
Jung, I.D. *see* Kartner, F.X. 55908
Jung, I.D. *see* Keller, U. 55904
Jung, I.D. *see* Shi, Z. 13771
Jung, I.H., Kwon, K.H., Yoon, G.J. Differential equations of infinite order for Sobolev-type orthogonal polynomials 40214
Jung, J. Catalytic destruction of dioxins [energy-from-waste plants] 9092
Jung, J. *see* Patsch, R. 43532
Jung, J.-I. Translation of user's QoS requirements into ATM performance parameters in B-ISDN 5765
Jung, J.H., Ju, B.K., Lee, Y.H., Oh, M.H., Jang, J. Enhancement of electron emission efficiency and stability of molybdenum field emitter array by diamond-like carbon coating 41781
Jung, J.H. *see* Liu, B.H. 51621
Jung, J.I. *see* Chang, S.G. 57576
Jung, J.I. *see* Ryu, J.H. 47231
Jung, J.W., Lee, H.C., Wang, J.S. A study on the double insulating layer for HgCdTe MIS structure 42437
Jung, J.W., Sunwoo, M.H., Chung, J.I., Yu, Y.U. Design and implementation of a synchronous serial interface on a DSP chip for digital cellular 6649
Jung, K.J. *see* Miller, J.R. 7983
Jung, M. On the parallelization of multi-grid methods using a non-overlapping domain decomposition data structure 40252
Jung, M., Mayerhofer, W., Renz, G., Rieger, M., Zeyfang, E. PFNs switched with SCRs at 15 kV, 225 J, and 100 Hz rep-rate 51264
Jung, M., Mayerhofer, W., Renz, G., Zeyfang, E. High power CO_2-laser at 100 Hz rep-rate 51272
Jung, M. *see* Haverkamp, J. 8787
Jung, M. *see* Heise, B. 30666
Jung, P., Berens, F., Plechinger, J. Coverage of MC/JD-CDMA based macrocellular radio systems 58153

Jung, P., Berens, P., Plechinger, J. Uplink spectral efficiency of multicarrier joint detection code division multiple access based cellular radio systems 58155
Jung, P., Kammerlander, K., Berens, F., Plechinger, J. On multicarrier CDMA mobile radio systems with joint detection and coherent receiver antenna diversity 47631
Jung, P. *see* Baier, P.W. 26571
Jung, P. *see* Berens, F. 35465
Jung, S. *see* Kaneko, T. 56267
Jung, S. *see* Park, J. 42606
Jung, S.-K. *see* Lee, C.-D. 46452
Jung, S.H. *see* Baek, J.T. 2456
Jung, S.M. *see* Chang, G.S. 32233
Jung, T., Mueller, G. Amplitudes of doping striations: comparison of numerical calculations and analytical approaches 30722
Jung, T.-C. *see* Lee, J.-H. 56440
Jung, T.H. *see* Kang, K.H. 6863
Jung, V.K. *see* Chon, K.H. 59648
Jung, W. *see* Misiuk, A. 22209
Jung, W. *see* Pao, Y.-H. 31110
Jung, Y.Y. *see* Lee, J.G. 23695
Jung Baek-Ho *see* Baek-Ho Jung
Jung Bong Lee, Sung Hwan Kim, Pyung Choi Design of clock/data recovery circuit for optical communication receiver 48015
Jung Bongjin *see* Bongjin Jung
Jung Chan Geun *see* Chan Geun Jung
Jung Choong Yung *see* Choong Yung Jung
Jung Chul Hwan *see* Chul Hwan Jung
Jung Dae-Sub *see* Dae-Sub Jung
Jung DonHee *see* DonHee Jung
Jung Eun Song *see* Tae Ho Kim 22573
Jung Gihyun *see* Gihyun Jung
Jung Hak Kee *see* Hak Kee Jung
Jung Han *see* Han Jung
Jung Hee Jin *see* Hee Jin Jung
Jung Hee-Bum *see* Hee-Bum Jung
Jung Ho Chang *see* Ho Chang Jung
Jung Ho Je *see* Lee, J.J. 52780
Jung Ho Park, Young Jun Park, Young Mo Hwang, Sang Hak Lee High reflective multilayer coating by using the reflective control wavelength monitoring of layer thicknesses for second harmonic generation (SHG) laser 44190
Jung Ho Park *see* Cheol Koo Hahn 12423
Jung Ho-Youl *see* Ho-Youl Jung
Jung Hyun Kyo *see* Hyun Kyo Jung
Jung Hyun Meen *see* Hyun Meen Jung
Jung Hyun Men *see* Hyun Men Jung
Jung Hyun-Kyo *see* Hyun-Kyo Jung
Jung Hyundon *see* Hyundon Jung
Jung Hyung-Jin *see* Hyung-Jin Jung
Jung Il Park *see* Eun A. Lee 40498
Jung In Choi *see* Han, M.S. 2026
Jung In Choi *see* Park, J.W. 32003
Jung Jae Hoon *see* Jae Hoon Jung
Jung Jae-Hun *see* Jae-Hun Jung
Jung Jin Woo *see* Jin Woo Jung
Jung Jin-Young *see* Jin-Young Jung
Jung Jinhwan *see* Jinhwan Jung
Jung Jong-Wan *see* Jong-Wan Jung
Jung Ju Kim *see* Do-Heyoung Kim 12583
Jung Kang Dong *see* Dong Jung Kang
Jung Ki Park *see* Seung Hyung Lee 43547
Jung Kim Gil *see* Gil Jung Kim
Jung Kim Jae *see* Jae Jung Kim
Jung Kim Moon *see* Moon Jung Kim
Jung Kim Pyeong *see* Pyeong Jung Kim
Jung Kim Young *see* Young Jung Kim
Jung Kwi-Yung *see* Kwi-Yung Jung
Jung Moon-Ryul *see* Moon-Ryul Jung
Jung Myung-woong *see* Myung-woong Jung
Jung Myunghee *see* Myunghee Jung
Jung Paik Ho *see* Ho Jung Paik
Jung Sang-Don *see* Sang-Don Jung
Jung Sang-Jin *see* Sang-Jin Jung
Jung Seong Wook *see* Seong Wook Jung
Jung Sik Kim *see* Kwang Soo Cho 26437
Jung Son Woo *see* Woo Jung Son
Jung Soo Yul *see* Soo Yul Jung
Jung Soon Ki *see* Soon Ki Jung
Jung Soon-Won *see* Soon-Won Jung
Jung Suk-Jin *see* Suk-Jin Jung
Jung Suk-Ju *see* Suk-Ju Jung
Jung Sung Soo *see* Sung Soo Jung
Jung Sungtae *see* Sungtae Jung
Jung Tae-Sung *see* Tae-Sung Jung
Jung Taek Kim *see* Hyung Sun Kim 29531
Jung Tzyy-Ping *see* Tzyy-Ping Jung
Jung Wan Cho *see* Byung-Gi Kim 43182
Jung Wan Cho *see* Jaehyung Park 57596
Jung Woo Park, Sang Yong Moon, Wook Hyun Kwon Performance analysis of the IEEE 802.4 token passing system with finite buffers 16085
Jung Woon Lee, Geun Ok Park, Jae Chang Park, Bong Shick Sim Analysis of human errors in trip cases of Korean NPPs 50750
Jung Woong Ra *see* Dong Kook Park 56184
Jung Yong-Bae *see* Yong-Bae Jung
Jung Youn-Oh *see* Youn-Oh Jung
Jung Young-Gook *see* Young-Gook Jung
Jung Young-Seok *see* Young-Seok Jung
Jung Yu Tsai *see* Kow Ming Chang 30889
Jung-A Huang *see* Chun-Yi Chai 54253
Jung-A Kim *see* Bae, J.K.Y. 40065
Jung-Bae Lee *see* Jin-Man Han 1416
Jung-Bong Suk, Cassandras, C.G. Analysis and optimization of pacing window flow control with admission delay 25966
Jung-Byung Park *see* Dong-Myung Lee 37576
Jung-Cheor Kim *see* Sang-Shin Yoo 47484
Jung-Gil Han *see* Hwa-Seok Lee 50545
Jung-Gu Kim, Hong Jeong Object boundary detection using an optimal data association scheme 35039
Jung-Hak Park, Hyun-Chul Cho, Geon Sa-Gong Pulse-echo response of ultrasonic transducer fabricated by porous piezoceramics PZT resonator 28687
Jung-He Park *see* Tae-Geun Kim 12422
Jung-Hee Han *see* Chang-Hee Lee 16708
Jung-Ho Moon *see* Moon-Noh Lee 48247
Jung-Ho Park *see* Tae Geun Kim 33531
Jung-Ho Park *see* Tae-Geun Kim 12422
Jung-Ho Park *see* Tae-Geun Kim 23899
Jung-Hoon Lee, Whi-Beom Shin Continuous variable structure system for tracking control of BLDDSM 39287
Jung-Hoon Paik, Youn-Oh Jung, Chae-Tak Lim A high-speed arbitration scheme for an input buffering ATM switch architecture 58080
Jung-Hoon Park *see* Tae-Sung Jung 1329
Jung-Hoon Ser *see* Young-Gu Ju 44522
Jung-Hsien Chiang, Gader, P. A hybrid feature extraction framework for handwritten numeric fields recognition 15552
Jung-Hua Chou *see* Jing Lee 31109
Jung-Hui Tsai, Lih-Wen Laih, Hui-Jung Shih, Wen-Chau Liu, Hao-Hsiung Lin On the recombination currents effect of heterostructure-emitter bipolar transistors (HEBTs) 22764
Jung-Hui Tsai *see* Wen-Chau Liu 42185
Jung-Hui Tsai *see* Wen-Chau Liu 42956
Jung-Hun Shin *see* Ji-Ho Park 50980
Jung-Hwa Lee *see* Jei-Hwan Yoo 1335
Jung-Hyung Kim, Seek-Min Yun, Hong-Yeung Chang m=±1 and m=±2 mode helicon wave excitation 14621
Jung-Ik Ha, Euh-Suh Koo, Hyeoun-Dong Lee, Joohn-Sheok Kim, Seung-Ki Sul Advanced control strategy of parallel hybrid low emission electric vehicle 29789
Jung-In Kan *see* Jin-Woo Lee 54642
Jung-Jae Chao, Kuo-Chih Shao, Lain-Wen Jang Uncertain information fusion using belief measure and its application to signal classification 15422
Jung-Jae Chao *see* Lain-Wen Jang 25238
Jung-Jae Chao *see* Mu-Yen Chen 58425
Jung-Kyun Hong *see* Moon-Ho Jo 43425
Jung-Mun Kim *see* Kook-Hun Kim 50385
Jung-Pill Kim *see* Ho-Jun Song 21676
Jung-Pyo Hong *see* Sang-Baeck Yoon 29291
Jung-Shian Wei *see* Jie-Hong Jiang 40830
Jung-Shik Park *see* Sang-Shin Yoo 47484
Jung-Shiong Chang, Hong-Yuan Mark Liao, Maw-Kae Hor, Jun-Wei Hsieh, Ming-Yang Chern New automatic multi-level thresholding technique for segmentation of thermal images 25279
Jung-Shun Tsai *see* Chen-I Hung 14500
Jung-Shyr Wu, Fang-Jang Kuo Maximum buffer requirement of ATM shared memory switch with enforced sources 5781
Jung-Soo Cho *see* Byung-Gu Kwak 60890
Jung-Soo Cho *see* Youl-Moon Sung 9059
Jung-Sub Kim *see* Seok-Pil Lee 18541
Jung-Suk Lee *see* Tong-Ha Kim 7095
Jung-Won Kim *see* Heui-Wook Kim 29344
Jung-Woo Lee *see* Gwan-Soo Park 43704
Jung-Wook Cho Modular neuro-chip with on-chip learning and adjustable learning parameters 11626
Jung-Wook Cho, Yoon Kyung Choi, Sung-Oh Kwon, Soo-Young Lee Expandable analog neural network chip set with on-chip learning by error back-propagation and Hebbian learning rules 53504
Jung-Woong Ra *see* Cheon-Seok Park 14596
Jung-Yeul Lee *see* Hyun-Tae Choi 12257
Jung-Yu Tsai *see* Kow-Ming Chang 42509
Jung-Yu Tsai *see* Kow-Ming Chang 54514
Jungblut, H. *see* Lewerenz, H.J. 23656
Jungblut, R.M. *see* Gijs, M.A.M. 43655
Junge, B. Features of laser vibration measurements in automotive engineering 48936
Junge, L. *see* Parlitz, U. 21468
Jungemann, C., Decker, S., Thoma, R., Eng, W.L., Goto, H. Phase space multiple refresh: a versatile statistical enhancement method for Monte Carlo device simulation 12861
Jungemann, C., Yamaguchi, S., Goto, H. Accurate prediction of hot-carrier effects for a deep sub-μm CMOS technology based on inverse modeling and full band Monte Carlo device simulation 13137
Jungemann, C., Yamaguchi, S., Goto, H. Is there experimental evidence for a difference between surface and bulk impact ionization in silicon? 43020
Junghanns, P., Luther, U. Cauchy singular integral equations in spaces of continuous functions and methods for their numerical solution 30660
Junghanns, P. *see* Capobianco, M.R. 30630
Junghong Zhang *see* Zhang Junghong
Junghoon Lee, Seungjun Park An error control scheme for Ethernet-based real-time communication 6189
Junghui Tsai *see* Tsai Junghui
Junghyun Han, Requicha, A.A.G. Incremental recognition of machining features 5040
JungHyun Han, Requicha, A.A.G. Integration of feature based design and feature recognition 5532
Jungmann, K. *see* Reinhard, I. 13981
Jungnickel, D., Vanstone, S.A. Graphical codes revisited 24734
Jungong Xue *see* Xue Jungong
Jungsoo Ha *see* Yeom, H.Y. 16321
Jungst, R.G. *see* Anderson, M.D. 28834
Jungstand, A. *see* Jakowski, N. 58250
Jungsun Park, Jangwoo Kwon, Eunghyuk Lee, Seunghong Hong Korean continuous digit speech recognition by multilayer perceptron using KL transformation 14952
Junguo Xu, Kato, K., Nishida, T. The effect of temperature and humidity on the friction and wear of magnetic tape 55058
Junguo Zhao, O'Daly, J.P., Henkens, R.W., Stonehuerner, J., Crumbliss, A.L. A xanthine oxidase/colloidal gold enzyme electrode for amperometric biosensor applications 7450
Junguo Zhu *see* Zhu Junguo
Jungwoo Lee Least squares approach for predictive coding of 3-D images 57457
Jungyeon Hwang *see* Haeryong Lee 26183
Junhao Chu, Dingyuan Tang Recent progress on HgCdTe at the National Laboratory for Infrared Physics in China 1994
Junhao Chu *see* Chu Junhao
Junhong, D., Vilathgamuwa, M., Jet, T.K. Mitigation of conducted EMI in quasi-resonant DC-DC converters by frequency modulation 38824
Junhong Deng *see* Deng Junhong
Junhong Lin *see* Yinghua Lui 34135
Junhong Min *see* Jeong-Woo Choi 36717
Junhong Wang *see* Wang Junhong
Junhua Wu *see* Wu Junhua
Junhwa Kim, Jongho Nang An effective parallelizing scheme of MPEG-1 video encoding on Ethernet-connected workstations 5018
Junior, I.de Souza Queiroz *see* de Souza Queiroz Junior, I.
Junjia He *see* He Junjia
Junjiang Xiong *see* Xiong Junjiang
Junjie Shi *see* Shi Junjie
Junjie Wu *see* Wu Junjie
Junjun He *see* He Junjun
Junke, M. *see* Desor, H.-J. 17048
Junker, G.P., Glisson, A.W., Kishk, A.A. Matched transmission-line source model 34267
Junker, M., Connor, T. Change in neutral point earthing for medium-voltage regional supply system 8867
Junlau Zhou *see* Zhou Junlau
Junli Zheng *see* Zheng Junli
Junliang Chen *see* Yuzhang Liu 6296
Junliang Chen *see* Chen Junliang
Junlin Chen *see* Chen Junlin
Junlin Qiu *see* Qiu Junlin
Junmei Fu *see* Fu Junmei
Junmin Wang *see* Mengjia Sun 4110
Junming Zhou *see* Jingjiang Yin 10728
Junming Zhou *see* Zhou Junming
Junmo Koo, Sung-Uk Kim, Dae Sung Yoon, Kwangsoo No, Byeong-Soo Bae Effect of heat treatment on formation of sol-gel (Pb,La)TiO_3 films for optical application 52745
junnai Huang *see* Huang junnai
Junno, T. *see* Montelius, L. 42199
Junqiang Sun *see* Sun Junqiang
Junqing Huan *see* Phillips, P.J. 5294
Junqing Shuai *see* Shuai Junqing
Junqing Wang *see* McAulay, A.D. 44138
Junqing Xie *see* Junzhou Luo 57648
Junqua, J.-C., Galler, M. Performance evaluation of SmarTspeIL®: a continuously spelled name recognizer over the telephone 46976
Junqua, J.-C. *see* Mari, J.-F. 14972
Junqua, J.-L. SmarTspeIL™: a multipass recognition system for name retrieval over the telephone 34697
Junquera, T. *see* Buhler, S. 49018
Junquera, T. *see* Garvey, T. 49193
Junquera, T. *see* Luong, M. 53947
Junquera, T. *see* Shu, Q.S. 49022
Junren Gan *see* Jingfan Zhang 54769
JunRu Wu *see* Neary, T.E. 10988
JunSeong Kim, Lilja, D.J. Exploiting multiple heterogeneous networks to reduce communication costs in parallel programs 47214
Junsheng Shi, Yicai Sun New method of calculating the correction factors for the measurement of sheet resistivity of a square sample with a square four-point probe 48823
Juntunen, J.O. *see* Lempiainen, J.J.A. 45398
Junwei Jiang Pin allocation for clock routing 52945
Junwei Zhao *see* Zhao Junwei
Junwha Kim *see* Jongho Nang 35316
Junwu Liang *see* Liang Junwu
Junxian Wang *see* Xiaojian Chen 53676
Junxiong Tang *see* Tang Junxiong
Junying Hui *see* Hui Junying
Junying Wang *see* Wang Junying
Junying Xu *see* Xu Junying
Junying Zhang *see* Zhang Junying
Junyong Kang, Matsumoto, F., Fukuda, T. Photoluminescence of undoped bulk InP grown by

the liquid-encapsulated vertical Bridgman technique 41925
Junyong Liu *see* Liu Junyong
Junyong Wu *see* Wu Junyong
Junz Ho Kuai *see* Kuai Junz Ho
Junzhang Jiang *see* Jiang Junzhang
Junzhou Luo, Guangqun Gu, Junqing Xie Petri net based protocol analyzer 57648
Juodawlkis, P.W., McInturff, D.T., Ralph, S.E. Ultrafast carrier dynamics and optical nonlinearities of low-temperature-grown InGaAs/InAlAs multiple quantum wells 22330
Juodkazis, S., Netiksis, V., Petrauskas, M., Eichler, H.J., Smandek, B., Ding, Y. Contactless determination of the dominant photorefractive mobile charge by comparing CW and ps two-wave mixing 24106
Juong Seog-Won *see* Seog-Won Juong
Jupina, M. *see* Singh, P. 20673
Juping Yang, Ozawa, S. Road scene analysis from perspective image 25761
Juptner, W., Franz, T., Sikau, J., Sepold, G. Laser interaction with plasma during material processing 55953
Juptner, W. *see* Andra, P. 4145
Juptner, W. *see* Osten, W. 30358
Juptner, W.P. *see* Kujawinska, M. 183
Juraj, D. *see* Cifrek, M. 37600
Juranek, H.J. *see* Doyle, D. 6814
Juras, R.C. *see* Meigs, M.J. 49135
Juras, R.C. *see* Olsen, D.K. 49153
Juravel, Y. *see* Weiss, E. 10653
Jurcik, B., Clemenceau, J.-G. Fluid dynamics and heat transfer in a SMT reflow oven 41663
Jurczak, M., Jakubowski, A., Lukasiak, L. A review of SOI transistor models 32426
Jurczak, M. *see* Jakubowski, A. 2262
Jurczak, M. *see* Jakubowski, A. 54761
Jurczyk, S. *see* Andary, J. 8387
Jurdyc, A.M. *see* Brenier, A. 4079
Jurewicz, K. *see* Frackowiak, E. 9486
Jurewicz, R.E. *see* Dorr, D.S. 38438
Jurgens, C., Johannsen, W., Fellbaum, K. The suitability of speakers for the sound element library of a speech synthesis system 34676
Jurgens, H. *see* Evertsz, C.J.G. 49449
Jurgens, I., Rosell, J., Riu, P.J. Electrical impedance tomography of the eye: in vitro measurements of the cornea and the lens 18460
Jurgensen, H., Konstantinidis, S. Error correction for channels with substitutions, insertions, and deletions 4513
Jurgensen, H. *see* Schmitz, D. 21310
Jurich, M. *see* Lundquist, P.M. 23446
Jurichich, S., Wood, S.C., Saraswat, K.C. Manufacturing cost of active-matrix liquid-crystal displays as a function of plant capacity 154
Jurichich, S. *see* McLaughlin, C.W. 17616
Juricic, D. Feasibility study of an automatic tolerance checking system 30366
Jurisa, M., Halec, A. Aids for communication, signaling and accessibility of public areas for hearing impaired persons 18560
Jurisch, M. *see* Mueller, M. 10638
Jurisevic, P., Ivkovic, D. Reprogramming of tone-frequency command receiver in the function of peak-load flattening by phases of low-voltage network 60366
Jurisic, A., Menezes, A.J. Elliptic curves and cryptography 45530
Jurk, A. *see* Fieker, C. 40200
Jurkonis, V. *see* Gelmanas, G. 49663
Jurkovic, M.J. *see* Zhao, Y. 54677
Jurrat, R., Pu, R., Hayes, E.M., Pulver, D., Feld, S.A., Wilmsen, C.W. Vertical cavity surface emitting lasers based smart pixels with co-planar bump-bonded contacts 33113
Jurrat, R. *see* Hayes, E.M. 33345
Jursenas, S. *see* Kurilcik, G. 12234
Jurvelin, J. *see* Sorsa, H. 18193
Jury, G.M. Managing technology–the environment in which technology is managed 39650
Juschke, A., Jahn, J., Kirsch, A. A bicriterial optimization problem of antenna design 56120
Jusek, A. *see* Kemp, T. 15051
Jush, J.K. A block coding scheme for CDMA digital radio communication systems based on terminated convolutional codes 36044
Jusheng, M., Le, H., Xiangyun, T. The comparison of 93.5Pb-5Sn-1.5Ag solder prepared by rapid solidification versus electronic paste solder 10175
Juskaitis, R., Wilson, T., Watson, T.F. Real-time white light reflection confocal microscopy using a fibre-optic bundle 58858
Jusserand, B. *see* Perez, F. 12390
Just, D. *see* Oda, I. 55909
Just, M., Vaudenay, S. Authenticated multi-party key agreement 4551
Just, T. *see* Thale, W. 991
Justh, E.W. *see* Kub, F.J. 31154
Justice, C.O. *see* Scholes, R.J. 28670
Juston, J.M., Bauer, D.P. A high performance railgun launcher design 33899
Juston, J.M. *see* Bauer, D.P. 33873
Juston, J.M. *see* Scholz, T.J. 38811
Juston, P., Griffel, D. Neutral point earthing in rural networks 8945
Justus, J. *see* Schiller, S. 18841
Juszkiewicz, E. The concept of administration and maintenance of radio access networks on the example of AirLoop™ system of Lucent Technologies 47400
Jutamulia, S. *see* Yin, S. 55208
Jutamulia, S. *see* Yu, F.T.S. 15686
Jutong Liu, Perkins, N.R., Horton, M.N., Redwing, J.M., Tischler, M.A., Kuech, T.F. A near-field scanning optical microscopy study of the photoluminescence from GaN films 10679
Jutong Liu *see* Liu Jutong
Juttner, B. The dynamics of arc cathode spots in vacuum: new measurements 31680
Juttner, B., Djakov, B., Schulke, T., Siemroth, P. Dynamics of vacuum arc spots at a point cathode 22147
Juttner, B., Forster, A. Evidence and consequences of cathode-spot substructure in vacuum arcs 22146
Juttner, B. *see* Beilis, I. 41767
Juttner, B. *see* Pursch, H. 29462
Juttner, H.-U. *see* Rautenberg, V. 60033
Jutzi, W. *see* Vogt, A. 53578
Juul Jensen, S., Saffman, M. Transfer of temporal fluctuations in photorefractive two-beam coupling 44660
Juve, D. *see* Moya-Gontier, E.G. 32627
Juvells, I., Vallmitjana, S., Martin-Badosa, E., Carnicer, A. Optical pattern recognition in motion acquired scenes using a binary joint transform correlation 35339
Juvells, I. *see* Carcole, E. 3465
Juvells, I. *see* Carnicer, A. 56973
Juvells, I. *see* Gomez, J.M. 53336
Juvells, I. *see* Vallmitjana, S. 4128
Juyan Bai *see* Bai Juyan
Juyan Xu *see* Xu Juyan
Juyi Park *see* Pyung Hun Chang 1780
Juying Cao *see* Cao Juying
Juzkow, M.W., Mayer, S.T. Design considerations for lithium-ion cells. I. Cell components 61016
Juzkow, M.W., Mayer, S.T. Design considerations for lithium-ion cells. II. Safety and abuse testing 61017
Jwo Wu-Shun *see* Wu-Shun Jwo
Jwo-Hwu Yi *see* Yi Jwo-Hwu
Jwu-E Chen *see* Chih-Wen Lu 20839
Jya-Syin Wu *see* Tuli, R.W. 19455
Jye Famm-Jiang Shyh *see* Famm-Jiang Shyh Jye
Jye-Chi Lu *see* Davis, J.C. 910
Jye-Chyi Lu *see* Davis, J.C. 39862
Jye-Shyang Wang *see* Tsen, K.T. 12342
Jygailo, N. *see* Poltanov, A. 33876
Jyh-Charn Liu *see* Yi-Long Chen 46835
Jyh-Cheng Chen, Sivalingam, K.M., Dowd, P.W. A framework for comparative analysis of channel access protocols for wireless ATM networks 46571
Jyh-Cheng Chen *see* Wood-Hi Cheng 297
Jyh-Cheng Wang *see* Li-Hong Laih 58761
Jyh-Chiarng Wu *see* Ray-Ming Lin 27586
Jyh-Fu Lee *see* Hsin-Yi Lee 30928
Jyh-Huei Guo, Chin-Liang Wang Systolic array implementation of Euclid's algorithm for inversion and division in $GF(2^m)$ 1440
Jyh-Jier Ho, Fang, Y.K., Kuen-Hsien Wu, Tsai, C.S. High-gain p-i-n infrared photosensors with Bragg reflectors on amorphous silicon-germanium alloy 36556
Jyh-Jong Wei *see* Chii-Wann Lin 15235
Jyh-Liang Chang *see* Ching-Hsing Luo 7855
Jyh-Long Chern *see* Otsuka, K. 24186
Jyh-Long Chern *see* Otsuka, K. 55554
Jyh-Ming Horng *see* Ming-Der Shieh 11292
Jyh-Ming Jong *see* Wai-Yeung Yip 39814
Jyh-Ming Lu *see* Wen-Zen Shen 43305
Jyh-Ming Wang *see* Yuh-Maoh Sun 743
Jyh-Mou Tseng, Jing-Yang Jou A power driven two-level logic optimizer 41119
Jyh-Rou Sze *see* Keh-Yi Lee 23504
Jyh-Shin Chen *see* Jen-Inn Chyi 7323
Jyh-Shin Chen *see* Li-Hong Laih 58761
Jyh-Shin Chen *see* Rong-Heng Yuang 27574
Jyh-Shinn Yang *see* Ching-Ming Lee 3038
Jyh-Shyan Lin, Lo, S.-C.B., Huai Li, Freedman, M.T., Mun, S.K. Region-based enhancement of digital chest radiographs 28142
Jyh-Wong Hong *see* Li-Hong Laih 58761
Jyh-Wong Hong *see* Tean-Sen Jen 44286
Jyh-Wong Hong *see* Yen-Ann Chen 55403
Jyh-Yuan Deng, Feipei Lai Region-based template deformation and masking for eye-feature extraction and description 56913
Jyhchen Chen *see* Chen Jyhchen
Jyhi-Kong Wey, Lir-Fang Sun, Wei-Pang Yang A new traffic regulation scheme for SCP 46693
Jyhming Wang *see* Wang Jyhming
Jyi-Chan Tsai *see* Chaur-Heh Hsieh 15814
Jyotsna, I.V., Agarwal, G.S. Fractional revivals in optical parametric interactions 33726
Jyouno, Y. *see* Kawahara, T. 1331
Jyouno, Y. *see* Kawahara, T. 1415
Jyumoji, M. Computer simulation of deeply doped layers in Si using double-pulse excimer lasers 32138
Jyumonji, M., Sugioka, K., Takai, H., Toyoda, K. Rapid formation of deeply doped layer in crystalline silicon using KrF excimer laser-driven diffusion 12633
Jyumonji, M. *see* Uchiyama, H. 3707
Jz-Jan Jeng *see* Hsiao-Yi Lin 36513
Jzau-Sheng Lin, Kuo-Sheng Cheng, Chi-Wu Mao A modified Hopfield neural network with fuzzy c-means technique for multispectral MR image segmentation 59479
K. Ko Ping *see* Ping K. Ko
Ka Ho Wong, J., Bradbeer, R.T. Development of a multi-media based teaching programme to support a first year electronic engineering teaching laboratory 20540
Ka Pun Hau *see* Roche, J.R. 56335
Ka Wai Wong, Shuit Tong Lee, Kwok, R.W.M., Yat Wah Lam, Kawarada, H. Electron affinity and surface re-ordering of homoepitaxial diamond(100) 2299
Ka-Pui Ko *see* Skiles, J.J. 20094
Ka-Shu Ko *see* Skiles, J.J. 20094
Kaa, B. Sweep-triggered frequency counter for the DB1NV spectrum analyser 26461
Kaabi, L., Gontrand, C., Lemiti, M., Remaki, B., Balland, B., Meddeb, J., Marty, O. Investigation of BF_2^+ implants in silicon through SiO_2 films. Redistribution of fluorine and boron under rapid thermal annealing 32117
Kaabi, L. *see* Djahli, F. 54674
Kaalund, C.J. *see* Haneman, D. 41841
Kaambre, H. *see* Bichevin, V. 1903
Kaaniche, M., Kanoun, K. Reliability of a commercial telecommunications system 5927
Kaaresen, K.F. Deconvolution of sparse spike trains by iterated window maximization 56564
Kaarik, E. *see* Tiit, E.-M. 396
Kaarmann, H.T. *see* Krueger, M. 28119
Kaas, E. *see* Diaz, J. 21229
Kaas, E. *see* Wu, D. 23980
Kaatee, R.S.J.P. *see* Crezee, J. 59770
Kaba, J. *see* Gokhale, M. 41005
Kabachenko, A.P. *see* Saro, S. 37275
Kabakchiev, C., Vassileva, B., Miteva, I. Adaptive Doppler processing technique 45888
Kabakov, V.I. Two-loop modular solar photothermal plants 50830
Kabal, D. *see* Plant, D.V. 13894
Kabal, D. *see* Plant, D.V. 55473
Kabal, D. *see* Rolston, D.R. 3662
Kabal, D.N., Boisset, G.C., Rolston, D.R., Plant, D.V. Packaging of two-dimensional smart pixel arrays 33332
Kabal, D.N. *see* Rolston, D.R. 33325
Kabal, P. *see* Loo, J.H.Y. 14975
Kabanov, S.I. *see* Ser'eznov, A.N. 58628
Kabanov, V.F., Sverdlova, A.M., Korotkov, D.A. Electrical properties of MIS structures with a magnetic semiconductor film serving as the insulator 12559
Kabasawa, M. *see* Matsuda, H. 185
Kabasawa, M. *see* Ono, M. 184
Kabasawa, T., Sengoku, M. Characteristics of mobile communication traffic considering the vehicle movement in a band-shaped service area 58184
Kabasawa, U., Hasegawa, H., Fukazawa, T., Tarutani, Y., Takagi, K. Electric field effect on the transport properties of ultrathin $Y_{0.9}Pr_{0.1}Ba_2Cu_3O_y$ channels in the insulating phase of superconductor-insulator transition 43783
Kabaservice, T.P. ACE ground operations center: GPS-based flight following and data communications in a low-level urban environment 59990
Kabashima, S. *see* Okuno, Y. 20056
Kabashima, S. *see* Safronova, O.N. 61097
Kabashima, S. *see* Sasaki, K. 61099
Kabashima, S. *see* Sokolov, A.Yu. 51612
Kabashima, S. *see* Yoshiie, R. 61100
Kabatianskii, G.A., Lebedev, V.S. Difference sets and codes correcting single localized errors of known value 14810
Kabayashi, J. *see* Fujino, N. 42433
Kabe, A. *see* Doi, M. 37082
Kabe, A. *see* Hosoyama, K. 49159
Kabe, A. *see* Hosoyama, K. 49160
Kabe, A. *see* Morita, Y. 43846
Kabe, A. *see* Nakai, H. 43844
Kabe, A. *see* Tsuchiya, K. 49011
Kabeuchi, T. *see* Aihara, S.I. 47508
Kabeya, A. *see* Hara, S. 22651
Kabir, A.E. *see* Brown, K.C. 54824
Kabir, A.E. *see* Pak, J.J. 36516
Kabir, F., Braun, J.-M., Densley, J., Hampton, R.N., Verne, S., Walton, M. The role of XLPE type on electroluminescence and subsequent electrical treeing 19354
Kabir, I., Khatun, M., Islam, S., Mahalanabis, D., Khaled, M.A. Estimation of body composition of adult Bangladeshi male and female using bioelectrical impedance analysis 18420
Kabouris, J. *see* Contaxis, G.C. 8765
Kabouris, J. *see* Contaxis, G.C. 19642
Kabouris, J. *see* Manos, G.A. 19068
Kabre, H. On the active perception of speech by robots 24822
Kaburagi, M. *see* Minagawa, H. 33856
Kaburaki, Y. *see* Fukami, T. 38735

Kacejko, P. *see* Hammons, T.J. 19286
Kacejko, P.A., Hammons, T.J., Gwee, C.L., Wancerz, M. Impact of optimal control of HVDC converters on transient stability of multi-machine power systems 19285
Kacejko, P.A., Hammons, T.J., Wancerz, M. Optimal control of series compensators and phase shifting transformers in power systems 19219
Kacejko, P.A. *see* Hammons, T.J. 60353
Kacemarek, T. *see* Brock, S. 61191
Kachan, M., Pimenov, S. Remote sensing of water salinity 50207
Kachan, M.V., Pimenov, S.F. Remote sensing of water salinity at decameter wavelengths 50169
Kachel, M. *see* Vogt, M. 42644
Kachi, T., Kaga, T., Wakahara, S., Hisamoto, D. Variable threshold-voltage SOI CMOSFETs with implanted back-gate electrodes for power-managed low-power and high-speed sub-1-V ULSIs 2801
Kachler, A.J., Baehr, R., Zaengl, W.S., Breitenbauch, B., Sundermann, U. Critical remarks on the determination of moisture of transformers with the "recovery voltage method" 9297
Kachorovskii, V.Yu. *see* Dmitriev, A.P. 22883
Kachru, R., Shen, X.A. High-speed holographic recording of 500 images with Eu^{3+}-doped Y_2SiO_5 crystal 4157
Kachru, R. *see* Bai, Y.S. 55173
Kachru, R. *see* Bai, Y.S. 55930
Kachru, R. *see* Shen, X.A. 16680
Kachru, R. *see* Shen, X.A. 32992
Kachru, R. *see* Yiping Zhang 13791
Kachurin, G.A. *see* Gadiyak, G.V. 12676
Kachurovskii, A.N. *see* Buinovskii, A.S. 3242
Kachwalla, Z., King, W.D. Measurements of the components of source resistance of HEMTs using slotted transmission line structures 22884
Kaciulis, S., Mattogno, G., Galdikas, A., Mironas, A., Setkus, A. Influence of surface oxygen on chemoresistance of tin oxide film 12292
Kaciulis, S. *see* Battistoni, C. 7472
Kaciulis, S. *see* Battistoni, C. 58899
Kaciulus, S. *see* Bruni, M.R. 2041
Kackell, P., Schmidt, W.G., Bechstedt, F. Se-induced 3d core-level shifts of GaAs(110) 2376
Kacker, R., Zhang, N.F., Hagwood, C. Real-time control of a measurement process 52299
Kacprzak, D. *see* Hur, Y.-M. 52950
Kacprzyk, R., Dobrucki, A., Gajewski, J.B. Double-layer electret transducer 36489
Kacprzyk, R. *see* Motyl, E. 54977
Kacur, J., Van Keer, R. On the numerical solution of a class of nonlinear parabolic problems with Volterra operators by a Rothe-Galerkin finite element method 40283
Kacur, J. *see* Mikula, K. 604
Kaczanowski, J. *see* Kozanecki, A. 12168
Kaczanowski, J. *see* Kozanecki, A. 12420
Kaczer, B., Petz, J.P. Ballistic-electron emission microscopy studies of charge trapping in SiO_2 54286
Kaczkowski, A. *see* Schett, G. 9447
Kaczkowski, Z., Ruuskanen, P. Magnetostriction hysteresis loops of annealed $Fe_{73.5}Cu_1Nb_3Si_{15.5}B_7$ metallic glass strips 3079
Kaczmarczyk, Z. *see* Grzesik, B. 9393
Kaczmarek, E. Resonant magnetotunneling in double-barrier structures 12343
Kaczmarek, H., Simon, C., Delebarre, C. Evaluation of Lamb wave performances for the health monitoring of composites using bonded piezoelectric transducers 11004
Kaczmarek, H. *see* Demol, T. 13379
Kaczmarek, M., Hribek, P., Eason, R.W. Near-infrared incoherent coupling and photorefractive response time of 'blue' Rh:$BaTiO_3$ 44641
Kaczmarek, R., Bouguila, L., Sadarnac, D. Magnetic loss in MnZn ferrite under trapezoidal 1 MHz voltage supply 23348
Kaczmarek, R. *see* Duan, X. 23330
Kaczmarek, S., Matkovskii, A.O., Mierczyk, Z., Kopczynski, K., Sugak, D.Yu., Durygin, A.N., Frukacz, Z. Possibility of gamma-induced sensibilization process in rare-earth doped YAG crystals 14028
Kaczmarek, S., Praka, I., Mierczyk, Z., Kopczynski, K., Piramidowicz, R., Malinowski, M., Kisielewski, J., Matkovskii, A.O., Sugak, D.Yu. UV and gamma irradiation effect in spectroscopic and lasing properties of Er^{3+} doped yttrium-aluminium garnet, yttrium orthoaluminate and lithium niobate crystals 14030
Kaczmarek, S. *see* Czech, W. 47399
Kaczmarek, S. *see* Malinowski, M. 3735
Kaczmarek, S. *see* Mierczyk, Z. 14029
Kaczmarek, T. *see* Brock, S. 9750
Kaczmarek, W.A. Structural and magnetic properties of cobalt-doped iron oxide particles prepared by novel mechanochemical method 3167
Kaczor, P., Ashwin, M.J., Dobosz, D., Zytkiewicz, Z.R., Newman, R.C., Dobaczewski, L. Lattice sites of silicon impurities in AlGaAs grown by liquid phase epitaxy 12233
Kaczorowski, T. *see* Marklein, R. 14599
Kada, M. *see* Isobe, Y. 17715
Kada, M. *see* Kimura, T. 20905
Kada, M. *see* Ohsono, M. 190
Kadaba, S.R., Gelfand, S.B. Bayesian filters for image estimation 25417
Kadah, Y.M., Tewfik, A.H. Compact angular support beams for space-invariant vector flow mapping 28184
Kadah, Y.M., Tewfik, A.H. True velocity estimation using the correlation technique [blood flow] 28195
Kadambe, S., Orr, R. Application of Gabor analysis for detection, estimation and classification of underwater acoustic data 6990
Kadambe, S., Orr, R.S. Instantaneous frequency estimation using the crossterm deleted Wigner representation (CDWR) 34947
Kadambe, S., Orr, R.S., Lyall, M.J. Cross term deleted Wigner representation (CDWR) based signal detection methodologies 27091
Kadar, I. *see* Liggins, M.E., II 28587
Kadar, I. *see* Vikor, G. 18141
Kadar, L., Hacksel, P., Wikston, J. The effect of current and voltage transformers accuracy on harmonic measurements in electrical arc furnaces 39425
Kadatskii, A.F. Multiphase pulsed DC voltage converters with series connection of load and resonant-circuit components 51128
Kadatskii, A.F. Harmonic analysis of electric processes in multiphase pulse DC converters with PWM control 60914
Kadel, G., Czylwik, A., Draste, H. Channel and system aspects for mobile broadband radio systems 58196
Kader, M.A. *see* Mokhtar, M. 56484
Kadereit, D., Hormes, J., Mohn, G., El-Kholi, A. Studies of the adhesion properties of LIGA microstructures by X-ray spectroscopy and mechanical measurements 54551
Kaderka, J. *see* Povazanec, J. 13074
Kadija, I.V. *see* Abys, J.A. 926
Kadin, A.M., Johnson, M.W. Nonequilibrium photon-induced hotspot: a new mechanism for photodetection in ultrathin metallic films 17385
Kading, O.W. *see* Ju, S. 54641
Kadinski, L. *see* Bergunde, T. 40324
Kadinski, L. *see* Durst, F. 41944
Kadirkamanathan, V. *see* Patel, V.C. 8275
Kadlec, J. Transputer implementation of block regularized filtering 17210
Kadlec, J. *see* Gaston, F.M.F. 31310
Kadlec, P. *see* Hohnloser, J.H. 34611
Kadner, K. *see* Dorschel, B. 59296
Kado, H., Tohda, T. Nanometer-scale erasable recording using atomic force microscope on phase change media 43913
Kado, H. *see* Harakawa, K. 14648
Kado, Y. The potential of ultrathin-film SOI devices for low-power and high-speed applications 43319
Kado, Y. *see* Nakashima, S. 22971
Kado, Y. *see* Nozaki, M. 26033
Kadobayashi, R., Tsukamoto, M. Traffic-based performance comparison of mobile support strategies 6581
Kadobayashi, Y., Yamaguchi, S., Miyahara, H. Techniques for using alternative servers to improve service availability in the Internet 57878
Kadoi, A., Yamamoto, K., Okajima, J., Chihara, H., O'ura, S. An air-conditioner for elevator use 29750
Kadoi, K. *see* Okuno, S. 43577
Kadokawa, J.-I. *see* Kuwahara, T. 3335
Kadokura, H. *see* Sugai, K. 54492
Kadokura, K., Takano, Y. Germanium-silicon single crystal growth using an encapsulant in a silica ampoule 30702
Kadomskaya, K.P. Bringing high-voltage underground line insulation to "standard" 60399
Kadomskaya, K.P. *see* Duzkenova, Zh.A. 8899
Kadomskaya, K.P. *see* Duzkenova, Zh.A. 28898
Kadono, H., Takei, H., Toyooka, S. A noise-immune method of phase unwrapping in speckle interferometry 7626
Kadono, S. *see* Etoh, M. 35190
Kadota, H. *see* Wakatani, A. 57156
Kadota, K. *see* Ohoka, H. 48390
Kadota, M., Ago, J., Horiuchi, H. A Bleustein-Gulyaev-Shimizu wave resonator having resonances for TV and VCR traps 23259
Kadota, M., Minakata, M. Properties of zinc oxide films deposited by a radiofrequency magnetron mode electron cyclotron resonance sputtering system 3014
Kadota, M. *see* Nanto, H. 43901
Kadota, Y. *see* Fukano, H. 23958
Kadota, Y. *see* Itaya, Y. 26909
Kadota, Y. *see* Okamoto, H. 44283
Kadota, Y. *see* Suzaki, Y. 44531
Kadota, Y. *see* Tanobe, H. 3534
Kadota, Y. *see* Tanobe, H. 26934
Kadota, Y. *see* Wada, M. 44468
Kadota, Y. *see* Yamada, T. 44461
Kadota, Y. *see* Yamamoto, N. 42574
Kadowaki, K. *see* Nishiyama, M. 13054
Kadowaki, M. *see* Taniguchi, S. 51518
Kadowaki, N. *see* Saifuddin, A. 47859
Kadowaki, S. *see* Kamimura, S. 44320
Kadowaki, S.-I. *see* Komma, Y. 4130
Kadowaki, T. *see* Miyamoto, W. 18331
Kadowaki, T. *see* Sawada, H. 18333
Kadoya, K. *see* Nakahata, A. 44985
Kadoya, M., Asaba, K. 10 kHz, 5 kW air-cooled OPO eye-safe laser 14023
Kadoya, Y., Noge, H., Someya, T., Sakaki, H. Effect of oxygen incorporation at AlGaAs/GaAs interfaces on the electrical properties of two-dimensional electron gas 31956
Kadoya, Y. *see* Citrin, D.S. 53615
Kadoya, Y. *see* Nishikawa, T. 24043
Kadrovach, B.A., Wailes, T.S., Terzuoli, A.J., Jr., Gelosh, D.S. Codesign model for Xpatchf optimization 36234
Kadtke, J., Kremliovsky, M. Signal classification using global dynamical models. Part I. Theory 25044
Kadtke, J. *see* Kremliovsky, M. 27095
Kadyk, J. *see* Cho, H.S. 59263
Kadyk, J. *see* Hong, W.S. 59294
Kadzhar, Ch.O., Kasimov, E.R., Nasibov, G.N. Measurement of the dielectric constant of highly absorbing polar liquids at microwave frequencies 17741
Kadzhar, C.O. *see* Kalafi, M. 3576
Kae Dal Kwack *see* Nam Hong Jo 36695
Kae Dal Kwack *see* Sang Dong Yoo 31833
Kae Dal Kwack *see* Sang Dong Yoo 41926
Kaede, K. *see* Zylbersztejn, A. 26901
Kaefer, W. *see* Kloc, Ch. 30711
Kaemper, S. *see* van Stevendaal, U. 3579
Kaenel, H.von *see* von Kaenel, H.
Kaenel, V.von *see* von Kaenel, V.
Kaenel, Y.von *see* von Kaenel, Y.
Kaeslin, H. *see* Rogenmoser, R. 11135
Kaestli, W. *see* Adam, A. 37280
Kaestner, G. *see* Kopperschmidt, P. 43753
Kaevitser, V.I. *see* Belov, A.N. 18870
Kaewkamnerd, N., Takenaka, T., Sakata, K., Toda, K. Material characterization of $(Bi_{1/2}Na_{1/2})_{0.94}Ba_{0.06}TiO_3$ ceramic as a Lamb wave device substrate 43599
Kafafi, Z.H. *see* Strohkendl, F.P. 33636
Kafesjian, S.L. *see* Casey, E.J. 18659
Kafka, H.J. *see* Aprille, T.J. 47427
Kafka, T. *see* Allison, W.W.M. 37269
Kaftal, T. *see* Grimm, R. 992
Kaftandjian, V., Zhu, Y.M., Peix, G., Babot, D. Automatic recognition of defects inside aluminium ingots by X-ray imaging 990
Kafton, A. Advanced technology speeds RF-integrated-circuit testing 17216
Kaga, A. *see* Tajima, K. 53014
Kaga, K. *see* Yoshida, T. 20245
Kaga, S. *see* Kawaguchi, I. 20161
Kaga, T. *see* Kachi, T. 2801
Kaga, T. *see* Shoji, K. 1356
Kaga, T. *see* Torii, K. 55001
Kaga, Y. *see* Okuo, T. 51516
Kagalenko, M.B., Weedon, W.H. Comparison of backpropagation and synthetic aperture imaging algorithms for processing GPR data 36239
Kagami, S. *see* Inaba, M. 36499
Kagami, S. *see* Inaba, M. 36674
Kagami, T. A study on VAr compensation using orthogonal-core 60833
Kagan, H., Alexander, J., Bean, A., Bebek, C., Brandenburg, G., Darling, C., Duboscq, J., Fast, J., Foland, A., Gan, K.K., Hopman, P., Kass, R., Kim, P., Menon, N., Miller, D., Nemati, B., Oliver, J., Rush, C., Shipsey, I., Skubic, P., Spencer, M.B., Uhl, C., Ward, C., Wilson, R., Yurko, M., Zoeller, M.M. Low noise electronics for the CLEO III silicon detector 37508
Kagan, H. *see* Bauer, C. 37326
Kagan, H. *see* Bauer, C. 37378
Kagan, H. *see* Gan, K.K. 37410
Kagan, H. *see* Shipsey, I. 59232
Kagan, H. *see* Spencer, M.B. 59274
Kagan, M., Letin, V., Nuller, T. The combined photovoltaic converters based on gallium arsenide for space application 38992
Kagan, M., Nadorov, V., Rjevsky, V., Unishkov, V. Photovoltaic modules of "KVANT" with improved optical and electrical characteristics 39178
Kagan, M. *see* Eden, M. 41230
Kagan, M.S. *see* Altukhov, I.V. 22198
Kaganove, S.N. *see* Bliss, M. 48625
Kaganovskii, Y.S. *see* Gladkikh, A. 42746
Kaganovskii, Y.S. *see* Gladkikh, A. 42755
Kagaris, D., Tragoudas, S. A multiseed counter TPG with performance guarantee 1208
Kagaris, D., Tragoudas, S. FPGA module minimization 1253
Kagaris, D., Tragoudas, S. A fast algorithm for minimizing FPGA combinational and sequential modules 31218
Kagaris, D., Tragoudas, S., Majumdar, A. On the use of counters for reproducing deterministic test sets 11376
Kagata, M., Tomioka, S., Enoto, T. Numerical analysis of high speed shuttering characteristics using FD-TD method 48692
Kagatsuka, A. *see* Matsui, T. 27295
Kagawa, K. *see* Izutani, S. 60540
Kagawa, K. *see* Lau, H.Y. 59400
Kagawa, K. *see* Negoro, Y. 43725
Kagawa, K. *see* Sugawara, N. 48840
Kagawa, K. *see* Ueda, M. 48459
Kagawa, M. *see* Abiko, T. 43899
Kagawa, N. *see* Miyashita, T. 41013
Kagawa, T., Matsuoka, Y. In situ wafer bonding of an InP/InGaAs epitaxial wafer with a Si wafer in an ultrahigh vacuum chamber 2294

Kagawa, T., Nogi, S., Sanagi, M., Fukui, K. Phased-array behavior of a one-dimensional mutually coupled oscillator system controlled by injection signals 21517
Kagawa, T. *see* Choi, W.-Y. 26822
Kagawa, T. *see* Kawashima, K. 59091
Kagawa, Y., Analoui, M. Application of TLM model to an inverse problem (identification of source and scatter in time domain) 14570
Kagawa, Y. *see* Eto, M. 13299
Kagawa, Y. *see* Fujioka, M. 18977
Kagawa, Y. *see* Hoashi, T. 14701
Kagawa, Y. *see* Mahmood, Z. 45335
Kagawa, Y. *see* Shinnoh, T. 14645
Kagawa, Y. *see* Tsuchiya, T. 14532
Kagawa, Y. *see* Yonghao Sun 44910
Kagaya, M. *see* Kashiwagi, S. 49209
Kagenaga, K. *see* Watanabe, K. 29477
Kageya, T. *see* Arai, Y. 37267
Kageya, T. *see* Arai, Y. 37268
Kageya, T. *see* Sato, H. 59166
Kageyama, H. *see* Ishikawa, K. 8861
Kageyama, K. *see* Takahashi, J. 54919
Kageyama, K. *see* Takai, M. 32793
Kagisawa, A. *see* Adan, A.O. 22815
Kagisawa, A. *see* Adan, A.O. 22970
Kagisawa, A. *see* Adan, A.O. 43318
Kagisawa, A. *see* Kaneko, S. 43262
Kagita, H. *see* Wada, H. 60893
Kagiwada, H., Aoki, Y., Jingmin Xin, Sano, A. Determination of number of signals based on minimum MSE 45733
Kagoshima, K., Uehara, K., Hori, T. A miniaturized dual polarization antenna for a small wireless terminal 34299
Kagoshima, K. *see* Kondo, A. 14700
Kagoshima, K. *see* Seki, T. 24572
Kagoshima, K. *see* Seki, T. 56204
Kagoshima, K. *see* Uehara, K. 26140
Kagoshima, K. *see* Uehara, K. 58111
Kagoshima, T. *see* Ozawa, A. 49362
Kagramanian, V.S. *see* Murogov, V.M. 60503
Kah-Chye Tan, Geok-Lian Oh Estimating directions-of-arrival of coherent signals in unknown correlated noise via spatial smoothing 45955
Kah-Chye Tan, Kwok-Chiang Ho, Nehorai, A. Linear independence of steering vectors of an electromagnetic vector sensor 15342
Kah-Chye Tan *see* Kwok-Chiang Ho 25127
Kah-Hoe Ng *see* Kumar, J. 60463
Kah-Hoe Ng *see* Kumar, J. 60464
Kahan, A., Friedman, L. Many-body carrier interaction effects in quantum wells 42216
Kahel, M.El *see* El Kahel, M.
Kahilainen, J. The direct ion storage dosemeter 8203
Kahle, C.F., II., McMurdie, N.D., Martin, J.W., Kaylo, A.J. Principles and practice of an electrodepositable positive acting photoresist using 2,6-dinitro-1,4-benzenedimethanol as the photoactive component 1799
Kahlen, K. *see* Friedrich, Th. 39329
Kahler, D. *see* Dawson, J. 37868
Kahlman, J.A.H. *see* Put, P.L.M. 43916
Kahn, A. *see* Hirose, Y. 22440
Kahn, A. *see* Kendrick, C. 2092
Kahn, A. *see* Wu, C.C. 42487
Kahn, E. *see* Baldick, R. 60300
Kahn, E. *see* Borenstein, S. 28812
Kahn, H. *see* Lambert, M. 31574
Kahn, J.M., Barry, J.R. Wireless infrared communications 36193
Kahn, J.M. *see* Audeh, M.D. 6773
Kahn, J.M. *see* Carruthers, J.B. 6774
Kahn, J.M. *see* Ho, K.-P. 4495
Kahn, J.M. *see* Ho, K.-P. 25551
Kahn, J.M. *see* Keang-Po Ho 4501
Kahn, J.M. *see* Keang-Po Ho 4529
Kahn, J.M. *see* Keang-Po Ho 7089
Kahn, J.M. *see* Marsh, G.W. 6859
Kahn, J.M. *see* Narasimhan, R. 6772
Kahn, J.M. *see* Narasimhan, R. 16809
Kahn, J.M. *see* Tang, A.P. 6767
Kahn, M. *see* Bashkansky, M. 11025
Kahn, M. *see* Bashkansky, M. 21415
Kahn, M.F., Gardner, W.A. A time-channelized programmable canonical correlation analyzer 5708
Kahn, M.F., Gardner, W.A., Mow, M.A. Programmable canonical correlation analyzers with recursion and feedback 4867
Kahn, M.F. *see* Mow, M.A. 4886
Kahn, M.L. *see* Begley, D.L. 6781
Kahn, R.E. *see* Leiner, B.M. 47137
Kahn, S. *see* Palmer, R.B. 17924
Kahn, S. *see* Palmer, R.B. 17966
Kahn, S.R. Acoustic imaging in plastic modules: Some basics 38121
Kahn, T., Schwabe, B., Bettag, M., Harth, T., Ulrich, F., Rassek, M., Schwarzmaier, H.-J., Modder, U. Mapping of the cortical motor hand area with functional MR imaging and MR imaging-guided laser-induced interstitial thermotherapy of brain tumors. Work in progress 7927
Kahn, W.K., Gheorghisor, I.L. Polarization based tracking sensor 36406
Kahn, W.K. *see* Weiss, S.J. 34229
Kahn-Harari, A. *see* Aka, G. 14037
Kahn-Harari, A. *see* Aka, G. 14409
Kahnert, H. *see* Essig, B. 19437
Kahng, A.B., Masuko, K., Muddu, S. Analytical delay models for VLSI interconnects under ramp input 11084
Kahng, A.B., Muddu, S. An analytical delay model for RLC interconnects 4308
Kahng, A.B., Muddu, S. New analyses of distributed RC interconnections 4309
Kahng, A.B., Muddu, S. Gate load delay computation using analytical models 53101
Kahng, A.B., Muddu, S. Delay analysis of coupled transmission lines 56074
Kahng, A.B. *see* Alpert, C.J. 13071
Kahng, A.B. *see* Alpert, C.J. 52963
Kahng, A.B. *see* Fukunaga, A.S. 2785
Kahng, H.K., Park, J. Performance analysis of DT-WDMA protocol 46780
Kahng Hyunkon *see* Hyunkon Kahng
Kahraman, C., Ulukan, Z., Yenisey, M.M., Tolga, E. Fuzzy economic and strategic design 10004
Kahrizi, M. *see* Ahmad, H. 23053
Kahrizi, M. *see* Naseh, S. 13189
Kahrizi, M. *see* Nikpour, B. 17283
Kahrizi, M. *see* Sayedi, S.M. 12576
Kahrs, M. *see* Sussman, R.B. 15252
Kai, H. *see* Katoh, H. 27157
Kai, J. *see* Yasuda, H. 22675
Kai, K., Hayashi, H., Kuroda, S., Fukuda, K., Nishi, K. Channel dopant profile and Leff extraction of deep submicron MOSFETs by inverse modeling 12958
Kai, K. *see* Nakajima, H. 7024
Kai, K. *see* Nakajima, H. 38111
Kai, M. *see* Sakai, K. 19932
Kai, S. *see* Shiota, F. 27363
Kai Chang Integrated and active antennas for system applications 56170
Kai Chang *see* Jong-Chul Lee 6724
Kai Chang *see* Kanamaluru, S. 56220
Kai Chang *see* Lu Fan 21965
Kai Chang *see* Ming-Yi Li 34468
Kai Chang *see* Montiel, C.M. 24577
Kai Chang *see* Shyh-Jong Chung 34427
Kai Chen, Chenming Hu A model of CMOS gate delay and projection of future trend 54788
Kai Chen, Yuhua Cheng, Chenming Hu Device design for low power electronics with accurate deep submicrometer LDD-MOSFET models 12923
Kai Chen *see* Yuhua Cheng 12991
Kai Chen *see* Yuhua Cheng 21826
Kai Huang, Hong Yan Identifying and verifying handwritten signature images utilizing neural networks 35079
Kai Kang, Wen Xun Zhang, Tsang, K.F., Wei Min Shi Analysis of propagation properties in an overmode V-groove guide 56099
Kai Kou Yu *see* Sze Fong Yau 15694
Kai Li *see* Xianxin Zhong 17460
Kai Li Wen *see* Wen Kai Li
Kai Shao *see* Shao Kai
Kai Xie *see* Xie Kai
Kai Yang Improving automotive dimensional quality by using principal component analysis 30350
Kai Yang, Guangbin Yang Performance degradation analysis using principal component method 55452
Kai Yang, Jianan Xue Reliability design based on dynamic factorial experimental model 52356
Kai Yang, Kapur, K.C. Customer driven reliability: integration of QFD and robust design 52357
Kai Yang *see* Jianan Xue 52334
Kai Yang *see* Yang Kai
Kai Zhang, Takase, H., Hayashi, T., Kita, H. An enhanced iterative improvement method for evaluating the maximum number of simultaneous switching gates for combinational circuits 41118
Kai Zhang *see* Brehmer, D.E. 12875
Kai Zhang *see* Shinogi, T. 21640
Kai-Bor Yu Adaptive beamforming for satellite communication with selective earth coverage and jammer nulling capability 16654
Kai-Feng Liu *see* Miyamoto, M. 3873
Kai-Fong Lee *see* Walcher, D.A. 14749
Kai-Fong Lee *see* Walcher, D.A. 34469
Kai-Kuang Ma Put absolute moment block truncation coding in perspective 46167
Kai-Kuang Ma Modified absolute moment block truncation coding 56756
Kai-Ming Feng *see* Jin-Xing Cai 58380
Kai-Ming Zhang *see* Zhang Kai-Ming
Kai-Seung Siu, Hong-Yi Tzeng On the latency in client/server networks 47191
Kai-Sheng Lu, Kun-Sheng Lu The proofs of some results [rational function matrices] 39969
Kai-Tai Song, Jhy-Min Chang Experimental study on robot visual tracking using a neural controller 46370
Kai-Tai Song *see* Chang, C.C. 50251
Kai-Tat Ng *see* Jian Su 15092
Kai-Wei Ke, Chin-Tau Lea State reduction and call admission in multirate circuit-switched networks 6268
Kai-Yeung Sin *see* Hong-Yi Tzeng 57561
Kai-Yeung Siu, Hong-Yi Tzeng Performance of TCP over ATM with time-varying available bandwidth 25924
Kai-Yeung Siu *see* Keung, S. 46794
Kai-Yuan Chao, Wong, D.F. Floorplan design with low power considerations 40785
Kaib, M., Schnorr, C.P. The generalized Gauss reduction algorithm 10424
Kaibara *see* Okada, T. 14279
Kaibara, H. *see* Okada, T. 10863
Kaibe, H. *see* Noda, Y. 30710
Kaiblinger-Grujin, G., Kosina, H., Selberherr, S. Monte Carlo simulation of electron transport in doped silicon 54044
Kaick, G.van *see* van Kaick, G.
Kaida, K. *see* Hata, S. 15568
Kaida, S. *see* Okimura, H. 40657
Kaidanovskii, M.N. *see* Gurevich, E.L. 48301
Kaide Zha *see* Zha Kaide
Kaido, C. Fundamental study of motor with transformer function 61119
Kaiduan Yue *see* Yue Kaiduan
Kaieda, T. The line up and technological features of YAMAHA clean robots 20816
Kaifeng Liu *see* Liu Kaifeng
Kaigawa, K. *see* Kawaguchi, T. 13533
Kaihara, M. *see* Mori, T. 16416
Kaihara, R. *see* Shibata, T. 53495
Kaiho, K., Nomura, H., Sekine, S., Higuchi, N., Ishii, I., Natori, N., Tateishi, H., Fuchino, S., Arai, K., Kajikawa, K., Tamada, N. Discussion of thermal equilibrium current of the superconductor 55074
Kaiho, K. *see* Kajikawa, K. 38801
Kaiho, K. *see* Ohara, T. 4213
Kaihuai Qin *see* Qin Kaihuai
Kaikkonen, T. *see* Lekkala, J. 18191
Kaikura, T. *see* Nagashima, Y. 49349
Kaila, K. *see* Nygren, T. 38055
Kailath, T. *see* Constantinescu, T. 56236
Kailath, T. *see* Halder, B. 16612
Kailath, T. *see* Halder, B. 34762
Kailath, T. *see* PooGyeon Park 56430
Kailmeyer, D. *see* Jager, G. 60458
Kainer, G.B. Method for monitoring positions in three dimensions 48888
Kaino, T. *see* Asobe, M. 55826
Kaino, T. *see* Ishibashi, S. 14073
Kainuma, M. *see* Sudou, M. 22511
Kainz, W. Analytical solution of a condenser microphone model as an example of the mathematical treatment of coupled acoustic systems 8570
Kainz, W. Application of Hilbert space techniques and Green's function methods to a realistic condenser microphone model 8571
Kaipainen, Y. *see* Honkala, I. 24755
Kaipio, J.P. *see* Karjalainen, P.A. 59618
Kaipio, J.P. *see* Ollikainen, J. 59706
Kaipio, J.P. *see* Savolainen, T. 7161
Kaipio, J.P. *see* Vauhkonen, M. 59607
Kairemo, K. *see* Aschan, C. 37862
Kaiser, D. *see* Haisch, H. 26831
Kaiser, F., Osterman, T. Broadband network powering issues 50339
Kaiser, G. A variational approach to radar signal analysis 6916
Kaiser, G. Wavelet filtering in the scale domain 25064
Kaiser, G., Thurk, M., Seidel, P. Closed cycle cryocoolers with a phase-change system for the cooling of high-T_c SQUIDs 43817
Kaiser, J. *see* Jia, W. 57642
Kaiser, J.A. Retrodirective antenna system 4402
Kaiser, M. *see* Becks, K.H. 59228
Kaiser, M. *see* Friedlmeier, T.M. 39076
Kaiser, M. *see* Hinkelmann, K. 6174
Kaiser, M. *see* Nersessian, G. 38776
Kaiser, M.J. A bird's-eye view of min-max and max-min functionals 10374
kaiser, N. *see* Bauer, H.H. 3566
Kaiser, N. *see* Frank, M. 3564
Kaiser, N. *see* Janchen, H. 7638
Kaiser, N. *see* Schallenberg, U.B. 3565
Kaiser, N. *see* Schulz, U. 33217
Kaiser, N. *see* Welsch, E. 3325
Kaiser, N. *see* Welsch, E. 44194
Kaiser, R. *see* Braun, R.P. 26834
Kaiser, R. *see* DeAlteris, J. 50290
Kaiser, R. *see* Heidrich, H. 47997
Kaiser, R. *see* Roehle, H. 40332
Kaiser, R. *see* Trommer, D. 16727
Kaiser, S., Papke, L. Optimal detection when combining OFDM-CDMA with convolutional and turbo channel coding 6503
Kaiser, T. Allpass identification with modulated cumulant sequences 24896
Kaiser, U. *see* Adamik, M. 3563
Kaiser, U. *see* Laux, S. 3543
Kaiser, W. Hybrid electronic ballast operating the HPS lamp at constant power 39401
Kaiser, W.J. *see* Bult, K. 17268
Kaiser, W.J. *see* Tang, T.K. 59882
Kaitai Chen *see* Chen Kaitai
Kaitasov, O. *see* Palard, M. 31757
Kaito, T., Kishida, T., Haraguchi, E., Morita, M., Nakamura, S., Yamada, T. Experimental superconducting transformer development 60830
Kaito, T. *see* Kishida, T. 19787
Kaitsuka, T., Hirata, H. Construction of infrastructure systems for VI&P comprehensive experiments and their operation environment 16383
Kaivola, M. *see* Tammela, S. 44615
Kaiwen Zhou *see* Zhou Kaiwen
Kaixi Zhang *see* Zhang Kaixi
Kaixing Han *see* Han Kaixing
Kaiyuan Wang *see* Wang Kaiyuan

Kaizu, K., Kishimoto, T. Thermal and electrical characterization and reliability of high-pin-count tape-carrier package 35559
Kaizu, K., Kishimoto, T., Sasaki, S., Yamanaka, N., Genda, K. Aging technology for ultra-high-speed ATM switching system 16507
Kaizu, K. *see* Yamanaka, N. 16506
Kaizu, S. *see* Ono, M. 184
Kajari, M. *see* Peric, N. 50922
Kajari, M. *see* Ungarov, J. 29765
Kajaste, T. *see* Block, F.E., Jr 59537
Kajava, T. *see* Tammela, S. 44615
Kajava, T.T., Gaeta, A.L. Intra-cavity frequency-doubling of a Nd:YAG laser passively Q-switched with GaAs 55552
Kajenski, P.J. Tunable optical filter using long-range surface plasmons 55386
Kajfasz, E. *see* Azzi, P. 37390
Kajfez, D., Elsherbeni, A., Mokaddem, A. Higher order modes in dielectric resonators 31477
Kaji, H. *see* Hino, T. 27146
Kaji, K. *see* Ye, J.H. 42429
Kaji, M. *see* Morita, T. 11794
Kaji, M. *see* Sawada, S. 31845
Kaji, N. *see* Igarashi, H. 2798
Kaji, R. *see* Ikeda, A. 59690
Kaji, Y., Ioka, I., Fukaya, K. Structural integrity test of helical-type intermediate heat exchanger 38505
Kajigaya, K. *see* Fujisawa, H. 1390
Kajigaya, K. *see* Fujisawa, H. 53293
Kajigaya, K. *see* Sakata, T. 1391
Kajihara, K., Tanaka, K., Hirao, K., Soga, N. Photovoltaic effect in titanium dioxide/zinc phthalocyanine cell 38965
Kajihara, S., Kinoshita, K., Pomeranz, I., Reddy, S.M. Combinationally irredundant ISCAS-89 benchmark circuits 11290
Kajihara, S., Kinoshita, K., Pomeranz, I., Reddy, S.M. A method for identifying robust dependent and functionally unsensitizable paths 53217
Kajihara, S. *see* Higami, Y. 53125
Kajihara, S. *see* Ichihara, H. 11406
Kajihara, S. *see* Yoshikawa, A. 11403
Kajihara, T. *see* Tamura, Y. 7086
Kajikawa, K., Kaiho, K., Yamamoto, M., Fuji, H., Sadakata, N., Saito, T., Kohno, O. Development of kA-class alternating current superconducting conductors and fabrication of a prototype coreless superconducting autotransformer 38801
Kajikawa, K. *see* Kaiho, K. 55074
Kajikawa, R. *see* Emi, K. 7794
Kajikawa, T. Thermoelectric power generation systems recovering heat from combustible solid waste in Japan 39246
Kajikawa, Y., Nomura, Y. A design for nonlinear inverse system by the adaptive Volterra filter 11586
Kajiki, M. *see* Ojiro, N. 4633
Kajima, K. *see* Kawasaki, M. 16460
Kajimura, K. *see* Hara, S. 12535
Kajimura, K. *see* Hara, S. 22432
Kajimura, K. *see* Hara, S. 42277
Kajimura, K. *see* Hayashi, K. 41835
Kajinami, A. *see* Deki, S. 827
Kajino, F., Kometani, F., Ohkubo, T., Fujii, Y., Kanzaki, J., Sugimoto, Y., Kurihara, Y., Ishii, K., Nagai, K., Nakamura, I., Nozaki, M., Takeda, H., Tanaka, S., Yokoyama, C., Taruma, K. Silicon pad detector for a calorimeter at JLC 37402
Kajino, F. *see* Ishii, K. 49323
Kajioka, H., Kumagai, T., Nakai, H., Dohsho, T., Soekawa, H., Yuhara, T. Commercial applications of mass-produced fiber optic gyros 36589
Kajioka, H. *see* Oho, S. 27598
Kajioka, H. *see* Oho, S. 58815
Kajisa, K., Murashima, S. Arithmetic coding of bit-plane images with modified reduced differences 15837
Kajita, I. *see* Fukae, K. 39161
Kajita, M., Kosaka, H., Yamada, M., Sugimoto, Y., Kurata, K., Tanabe, T. 1-Gb/s modulation characteristics of a vertical-cavity surface-emitting laser array module 26869
Kajita, M. *see* Kawakami, T. 23986
Kajita, M. *see* Kosaka, H. 26873
Kajita, M. *see* Kosaka, H. 26876
Kajita, M. *see* Nakagiri, K. 48320
Kajita, S., Ushiroda, S., Yamada, T., Kondo, Y., Sato, K., Nakamura, H. Detection using tin evaporated thin film of the decomposition product gases created by AC corona discharge in SF_6 gas 32750
Kajitani, H. *see* Utsunomiya, M. 13447
Kajitani, I. *see* Higuchi, T. 1289
Kajitani, I. *see* Higuchi, T. 53240
Kajitani, I. *see* Iwata, M. 15912
Kajitani, M. *see* Kanamori, C. 58996
Kajitani, Y. *see* Mitsubayashi, H. 52929
Kajitani, Y. *see* Mitsubayashi, H. 54750
Kajitani, Y. *see* Murata, H. 22932
Kajitani, Y. *see* Murata, H. 40838
Kajitani, Y. *see* Nakatake, S. 11118
Kajitani, Y. *see* Takahashi, A. 41071
Kajiwara, A. Effects of polarization, antenna directivity, and room size on delay spread in LOS indoor radio channel 34072
Kajiwara, A. Effects of cell size, directional antenna, diversity, and shadowing on indoor radio CDMA capacity 36014
Kajiwara, G. *see* Harakawa, K. 14648
Kajiwara, K., Sonoda, T., Ueda, R. Problem on external noise disturbing noise-measurement of DC reference voltage 17761
Kajiwara, K. *see* Sonoda, T. 58620
Kajiwara, Y., Todokoro, N., Numagami, Y., Nakamura, O., Minami, T. Reconstruction of 3D shape using isodensity lines and reflectance map 4934
Kajiwara, Y. *see* Shinkawa, K. 36457
Kajiya, F. *see* Ogasawara, Y. 18225
Kajiya, J.T. *see* Torborg, J. 15493
Kajiya, Y. *see* Ishimoto, K. 60084
Kajiyama, A., Hamada, S., Nakaoka, M. Active saturable reactor switch and lossless capacitor-assisted zero-voltage transition asymmetrical PWM DC-DC converter 51277
Kajiyama, A. *see* Hirachi, K. 51147
Kajiyama, K., Ohitsuka, S., Morikawa, Y., Yano, T. Surface particle analysis of SIMOX (Separation by IMplanted OXygen) wafers 22479
Kajiyama, S. *see* Tsuchiya, Y. 48246
Kajiyama, Y. *see* Tokura, N. 16766
Kajiyoshi, K., Sakabe, Y., Yoshimura, M. Electrical properties of $BaTiO_3$ thin film grown by the hydrothermal-electrochemical method 54889
Kajley, R.S., Hurst, P.J., Brown, J.E.C. A mixed-signal decision-feedback equalizer that uses a look-ahead architecture 41350
Kajs, J.P. *see* Pratap, S.B. 33888
Kajzar, F. *see* Blau, G. 24234
Kak, S.C. Speed of computation and simulation 34490
Kakadiaris, I., Metaxas, D., Baicsy, R. Inferring 2D object structure from the deformation of apparent contours 46413
Kakalec, R.J. *see* Thottuvelil, V.J. 50501
Kakanakov, R. *see* Hallin, C. 54261
Kakanakova-Georgieva, A. *see* Marinova, Ts. 42503
Kakarantzas, G. *see* Marchese, D. 3722
Kakatkar, S.S. *see* Kakatkar, S.V. 13431
Kakatkar, S.S. *see* Kakatkar, S.V. 23341
Kakatkar, S.V., Kakatkar, S.S., Patil, R.S., Maskar, P.K., Sankapal, A.M., Suryawanshi, S.S., Chaudhari, N.D., Sawant, S.R. X-ray and bulk magnetic properties of aluminium substituted ferrites 23341
Kakatkar, S.V., Kakatkar, S.S., Patil, R.S., Sankpal, A.M., Chaudhari, N.D., Maskar, P.K., Suryawanshi, S.S., Sawant, S.R. Effect of sintering conditions and Al^{3+} addition on wall permeability in $Ni_{1-x}Zn_xAl_yFe_{2-y}O_4$ ferrites 13431
Kakazu, Y. *see* Hondo, N. 10394
Kakegawa, M. *see* Nagai, M. 61347
Kakehashi, E. *see* Saeki, T. 1385
Kakehata, M. *see* Takada, H. 23858
Kakemoto, H. *see* Kobayashi, N. 42392
Kakemoto, H. *see* Shibata, H. 31907
Kakeshita, T. *see* Watanabe, Y. 21102
Kakigi, S. *see* Dewa, H. 37141
Kakigi, S. *see* Shirai, T. 37142
Kakihana, M. *see* Yashima, M. 29614
Kakimi, A. *see* Okamura, S. 2949
Kakimoto, F. *see* Ohoka, H. 48390
Kakimoto, M. *see* Wu, A. 33299
Kakimoto, N., Iida, A., Seki, M., Minoyama, K., Takuma, T. Clarification of SSR mitigation mechanism of TCSC 60230
Kakimoto, N., Mizuguchi, T., Takuma, T. Suppression of autoparametric resonance in longitudinal power systems 8830
Kakimoto, S., Shigihara, K., Nagai, Y. Laser diodes in photon number squeezed state 55682
Kakimoto, S. *see* Kotaki, H. 43026
Kakinami, T. *see* Satonaka, H. 58853
Kakinuma, H., Mohri, M., Akiyama, M. Characterization of oxygen and carbon in undoped AlGaAs grown by organometallic vapor-phase epitaxy 31836
Kakitani, H. *see* Sugimoto, Y. 11527
Kakiuchi, H. *see* Yasutake, K. 52631
Kakiuchi, Y. *see* Kitaura, Y. 43121
Kakiwaki, S. *see* Yamawaki, C. 27181
Kakizaki, A. *see* Yeom, H.W. 2253
Kakizaki, J. *see* Endou, E. 47468
Kakizaki, K. *see* Endo, A. 44607
Kakizaki, K. *see* Hiratsuka, N. 36734
Kakizaki, K.-I., Noguchi, T., Ebisui, T., Inoue, T., Takano, T., Natori, M.C. Developmental tests of the deployable mesh antenna for MUSES-B satellite 56139
Kakizaki, S. *see* O'Sullivan, G. 31438
Kakkar, R., Kumar, G. Stagger tuned microstrip log-periodic antenna 34428
Kakkar, S. A comprehensive diagnostics software strategy for IDT's microprocessors 41227
Kakkar, S., Hussain, A.B. A low cost, high speed portable communications device: a case study using IDT RV4640 microprocessor & IDT77903 ATM card 47245
Kakkouras, A., Andonovic, I. Interferometric noise analysis of an optical incoherent code division multiple access system 26859
Kaklamani, D.I., Nikita, K.S., Marsh, A. Extension of method of moments for electrically large structures based on parallel computations 45049
Kaklamani, D.I. *see* Karatheodorou, K.A. 56124
Kaklamanis, C., Persiano, P. Efficient wavelength routing on directed fiber trees 16134
Kako, M. *see* Kuroda, T. 5023
Kakodkar, A. *see* Moorthy, R.I.K. 9009
Kaku, I. *see* Uchida, S. 29361
Kaku, R. *see* Ishikawa, H. 16794
Kakuda, N. *see* Kato, K. 48763
Kakuda, Y., Asada, H., Kikuno, T. Application of protocol synthesis technique to resolution of the service interaction problem 16087
Kakuda, Y. *see* Nagano, S. 5846
Kakuda, Y. *see* Nagano, S. 57658
Kakuda, Y. *see* Nakamura, M. 46726
Kakuda, Y. *see* Teratani, D. 57630
Kakudate, Y. *see* Fat'yanov, O.V. 33893
Kakugawa, H., Yamashita, M. Uniform and self-stabilizing token rings allowing unfair daemon 35741
Kakui, M., Kashiwada, T., Nakazato, K., Onishi, M., Shigematsu, M., Nishimura, M. Hybrid Er-doped fiber amplifiers for wavelength-division multiplexing transmission systems 47982
Kakui, M. *see* Nakazato, K. 14017
Kakui, M. *see* Nakazato, K. 26819
kakumi, M. *see* Oyamatsu, H. 22962
Kakumoto, Y. *see* Kitahara, F. 57855
Kakumu, M. *see* Akasaka, Y. 2429
Kakumu, M. *see* Igarashi, H. 2798
Kakumu, M. *see* Koike, H. 2792
Kakumu, M. *see* Kuroda, T. 5023
Kakumu, M. *see* Kuroda, T. 11245
Kakumu, M. *see* Miyamoto, K. 43278
Kakumu, T. *see* Minami, T. 40537
Kakunai, S., Nakamoto, K., Sakamoto, T., Iwata, K. Profile measurement using a liquid crystal projector–measurements of object surface with steps 48899
Kakuno, K. *see* Komatsu, K. 3037
Kakuno, K. *see* Miyata, K. 44982
Kakuno, K. *see* Takemura, Y. 3035
Kakuno, K. *see* Takemura, Y. 13410
Kakura, Y. *see* Ohsawa, T. 6115
Kakura, Y. *see* Ohsawa, T. 57873
Kakusho, K. *see* Kobayashi, T. 5031
Kal, S. *see* Pal, R.R. 40955
Kala, P. *see* Shukla, P.K. 23483
Kalachev, A.A., Samartsev, V.V. The peculiarities of accumulated long-lived photon echo in Van Vleck paramagnetics 4010
Kalachev, A.A., Samartsev, V.V., Nefediev, L.A. Polarization and temporal processing of the information using long-lived stimulated photon echo 14403
Kalachev, A.A., Samartsev, V.V., Zuikov, V.A., Rebane, A.K., Wild, U.P. Angular regularities of the photon echo in doped crystals 14288
Kalachnikov, M. *see* Nickles, P.V. 44369
Kalachnikov, S.N. Phase-locked loop for vector control of AC-drive with a DSP 61181
Kalachnikov, S.N., Lechner, A. Dynamic CSI-drive with a digital vector control 9634
Kalafi, M., Bidadi, H., Tajalli, H., Kadzhar, C.O., Mamedbeili, I.A., Salmanov, V.M. Influence of irregularly distributed localized states on the photoconductivity of InSe 3576
Kalagin, I.V., Ovsyannikov, V.P. Numerical simulation of ion production process in EBIS 49301
Kalagin, I.V. *see* Baldin, A.M. 37160
Kalagin, I.V. *see* Govorov, A.N. 37159
Kalagin, I.V. *see* Monchinsky, V.A. 28004
Kalaichelvan, K.S. *see* Khoshgoftaar, T.M. 5918
Kalaigian, H. *see* Pentlow, K.S. 7909
Kalaitzakis, K., Stavrakakis, G.S. Size optimization of a PV system installed close to Sun obstacles 50821
Kalaitzakis, K. *see* Chatzakis, J. 19858
Kalaitzakis, K. *see* Sergaki, A. 19643
Kalaiya, J.B., Nair, P.S. Safety in nuclear power generation at Kakrapar Atomic Power Station 60512
Kalaji, M. *see* Gunatunga, S.R. 21325
Kalakov, B.A. *see* Yakovlev, Yu.O. 24143
Kalam, A., Chakrabarti, J., Muttucumaru, R. A load shedding strategy for an industrial cogeneration plant using genetic algorithms 19551
Kalam, A., Chakrabarti, J., Muttucumaru, R. A genetic algorithm approach for load shedding in an industrial cogeneration power plant 50756
Kalam, A., Haque, M.Z., Nanda, J. An exact second order AC-DC load flow solution under loading and ill-conditioned networks 28769
Kalam, A. *see* Burrowes, G. 19645
Kalam, A. *see* Gondal, I. 16522
Kalam, A. *see* Haque, M.Z. 19085
Kalam, A. *see* Hosseinzadeh, N. 50380
Kalam, A. *see* Mohapatra, G.R. 19303
Kalam, A. *see* Wong, S.K. 19394
Kalameitsev, A.V., Romanov, D.A., Kovchavtsev, A.P., Kuryshev, G.L., Postnikov, K.O., Subbotin, I.M. Negative differential resistivity of a nonideal Schottky barrier based on indium arsenide 54240
Kalampoukas, L., Varma, A. Analysis of source policy in rate-controlled ATM networks 5724
Kalandarishvili, A.G. Working medium circuit for alkali metal thermal-to-electric converters (AMTEC) 20063
Kalandarishvili, A.G. The method of creating a small interelectrode spacing in thermionic energy converters 20071
Kalantari, B., Khosrovshahi, G.B. Magic labeling in graphs: bounds, complexity, and an application to a variant of TSP 10316
Kalantary, M. *see* Whalley, D.C. 31606

Kalantary, M.R. *see* Conway, P.P. 22069
Kalantary, M.R. *see* Conway, P.P. 31607
Kalash, H. *see* Geng, L. 36714
Kalashnikov, A.A., Rinkus, E.K., Skrypnikov, S.N., Skrypnikova, M.K., Novoderezhkin, V.P. Assessing the technical level of firmware complexes for the process control systems of the power-generating units at thermal power stations 19539
Kalashnikov, M. *see* Will, I. 7642
Kalashnikov, M.P., Nickles, P.V., Schnuerer, M., Will, I., Sandner, W. Multi-terawatt hybrid Ti:Sa-Nd:glass dual-beam laser: a novel XUV laser driver 14055
Kalashnikov, S., Berger, H. A new control strategy for DC-link voltage of a three-phase bi-directional PWM rectifier 51335
Kalashnikov, V.L., Kalosha, V.P., Poloiko, I.G., Mikhailov, V.P. Mode-locking in CW solid-state lasers with a slow saturable absorber 14020
Kalashnikov, V.L., Kalosha, V.P., Poloiko, I.G., Mikhailov, V.P. Optimal cavities for self-mode locking of solid-state lasers by self-focusing 44600
Kalashnikov, V.L., Kalosha, V.P., Poloiko, I.G., Mikhailov, V.P. Frequency mechanism of USP formation in solid-state lasers with a slow saturable absorber 55833
Kalashnikov, V.L., Poloyko, I.G., Mikhailov, V.P. Solid-state lasers mode-locked by nonlinear and external linear frequency shift 44406
Kalashnikova, I., Naumov, V., Kurbakov, A., Sokolov, A., Pashkov, S. Gamma-ray diffractometry method for nondestructive dislocation density control in massive quartz crystals 13233
Kalashnikova, I.I. *see* Naumov, V.S. 13235
Kalata, P.R., Chmielewski, T.A. Range gate pull off (RGPO): detection, observability and α-β target tracking 50278
Kalata, P.R., Murphy, K.M. α-β target tracking with track rate variations 48044
Kalathil, B. *see* Saultz, J.E. 52119
Kalathil, B. *see* Welsh, J. 41211
Kalatzis-Manolakis, E. *see* Zakzewski, C.A. 18496
Kalavade, A., Lee, E.A. Complexity management in system-level design 31056
Kalayjian, J.K., Andreou, A.G., Wolff, L.B. 1D polarisation contrast retina 25532
Kalayjian, Z., Andreou, A.G., Wolff, L., Williams, J. Integrated 1D polarization imagers 36707
Kalayjian, Z., Waskiewicz, J., Yochelson, D., Andreou, A.G. Asynchronous sampling of 2D arrays using winner-takes-all arbitration 1641
Kalayjian, Z. *see* Obeidat, A.T. 44261
Kalb, H. *see* Ruprecht, R. 30988
Kalb, P. *see* Michie, C. 17454
Kalbe, H.-J. *see* Schmidt, F. 52041
Kalbitzer, S. *see* Langpape, C. 41866
Kalbreier, W. *see* Goddard, B.J. 27983
Kalchenko, V.I. *see* Lavrik, N.V. 58870
Kalcher, J., Neuper, Ch., Raich, G., Pfurtscheller, G. Graz Brain Computer Interface (BCI)–hardware and software components 8065
Kalcher, J. *see* Homann, N. 8064
Kalcher, J. *see* Pfurtscheller, G. 49588
Kalchev, I. Experiment design and programming control algorithms for analogue to digital conversion 11518
Kalchev, I. *see* Kostov, J. 11520
Kalcoran, N. *see* Parkhutik, V.P. 41823
Kale, G.M., Davidson, A.J., Fray, D.J. Solid-state sensor for measuring antimony in non-ferrous metals 27533
Kale, G.M., Davidson, A.J., Fray, D.J. Investigation into an improved design of CO_2 sensor 27758
Kale, G.M. *see* Ahmed, N.N. 27749
Kale, I., Morling, R.C.S. Σ-Δ modulation and polyphase filtering–the key to high-fidelity data conversion and instrumentation 11521
Kale, I., Morling, R.C.S. High resolution data conversion via Σ-Δ modulators and polyphase filters: a review 56531
Kale, I. *see* Al-Janabi, M. 1538
Kale, I. *see* Grass, E. 41112
Kale, I. *see* Krukowski, A. 1532
Kale, I. *see* Mackenzie, J. 34759
Kale, I. *see* Morling, R.C.S. 1542
Kale, V., Moukwa, M. Electrostatic dissipation control with an organic flooring system 24330
Kaleh, G.K. *see* Siala, M. 14833
Kalejs, J.P. *see* Henderson, E.J. 38648
Kalejs, J.P. *see* Kardauskas, M.J. 39087
Kalek, W. *see* Frackowiak, E. 9486
Kalelkar, M. *see* Abe, K. 37234
Kalen, J.D., Arthur, J.H., Jolles, P.R. Effect of fanbeam focus misalignment on multihead SPECT imaging 49416
Kalenderli, O. *see* Mardikyan, K. 13306
Kalenderli, O. *see* Yilmaz, G. 13285
Kaler, K. *see* Luo, J. 17557
Kaler, K.V.I.S., Paul, R. Bioparticle mechatronics 18205
Kalesinskas, V., Konstantinov, A., Shugurov, V. Wave diffraction by a finite set of azimuthally magnetized ferrite cylinders 24444
Kalet, I. A multitone-antenna diversity approach to PCS communications 47676
Kaleta, E.L. *see* Eroshenko, G.P. 48890
Kaleta, J., Tumanski, S., Zebracki, J. Magnetoresistors as a tool for investigating the mechanical properties of ferromagnetic materials 27931
Kalevich, V. *see* La Jeune, P. 54076
Kalfus, M. *see* Rutter, R. 39276
Kalhori, B. *see* Donner, G. 51903
Kalialakis, C. *see* Hall, P.S. 47830
Kaliatka, A. *see* Uspuras, E. 38482
Kaliazin, A.E. *see* Fedorov, M.I. 31909
Kalibjian, J.R. Optimizing bandwidth utilization in packet based telemetry systems 6024
Kalic, D. *see* Radakovic, Z. 19818
Kalidas, N. *see* Abbott, J. 196
Kalifa, J., Mallat, S., Falzon, F., Rouge, B. High resolution satellite image restoration with frames 25593
Kalimov, A., Vaznov, S., Voronina, T. Eddy current calculation using finite element method with boundary conditions of integral type 44953
Kalinchenko, G.A., Ivanov, I.G., Sem, M.F. Optimum conditions for pumping laser transitions of cadmium ions by various processes in a hollow-cathode discharge 13919
Kalingamudali, S.R.D., Wismayer, A.C., Woods, R.C., Wight, D.R. Perimeter and bulk recombination currents in GaAs homojunction diodes and GaAs/AlGaAs heterojunction bipolar transistors after surface processing 42922
Kalinichenko, A., Khomenko, V., Lebed', S., Mordik, S., Voznij, V. Optimization of an rf ion source for production of a high-energy ion microbeam 49307
Kalinikos, B.A., Kovshikov, N.G., Patton, C.E. Decay free microwave magnetic envelope soliton pulse trains in yttrium iron garnet thin films 43652
Kalinin, A.V., Mal'tcev, V.P., Kislyakov, G.A., Beagou, V.S., Kalinina, E.E. Radioholographic antenna measurements with extraterrestrial sources 56140
Kalinin, A.V. *see* Baryshev, Yu.P. 32198
Kalinin, A.V. *see* Ershov, A.P. 12714
Kalinin, V. *see* Yoshida, K. 43837
Kalinin, Yu.A. *see* Baryshnikov, F.F. 14218
Kalinin, Yu.G. *see* Dolgachev, G.I. 19899
Kalinina, E.E. *see* Kalinin, A.V. 56140
Kalinina, E.V. *see* Kuznetsov, N.I. 12538
Kalinina, N.A. *see* Ivanov, V.S. 8920
Kalinkevitch, A.A. *see* Kutuza, B.G. 16938
Kalinkevitch, A.A. *see* Zherdev, P.A. 27045
Kalinkin, I.P. *see* Belyaev, A.P. 41922
Kalinkin, I.P. *see* Belyaev, A.P. 52616
Kalinov, A.A. *see* Polyakov, N.P. 29439
Kalinovskii, A.Ya., Roenko, N.V., Sin'kov, M.V. Methods of construction of nonlinearities in extensions of complex numbers 52486
Kalinovsky, V.S. *see* Sobolev, M.M. 12274
Kalinowska, B., Gniewinska, B. Analysis of medium-term frequency instability of high stability quartz oscillators 32758
Kalinowski, D. *see* Barrenscheen, J. 60707
Kalinowski, J., Camaioni, N., Di Marco, P., Fattori, V., Giro, G. Operation mechanisms of thin film organic electroluminescent diodes 13870
Kalinowsky, S. *see* Mancini, R. 9456
Kalintsev, A. *see* Krylov, V. 14355
Kalinwski, J. *see* Stampor, W. 44292
Kalisetty, S. *see* Bao, K.X. 40470
Kalish, R., Uzan-Saguy, C., Philosoph, B., Richter, V., Prawer, S. Loss of electrical conductivity in boron-doped diamond due to ion-induced damage 41815
Kalish, R. *see* Behr, D. 30751
Kalisher, M.H. *see* Hamilton, W.J. 7781
Kaliski, B.S., Jr. A chosen message attack on Demytko's elliptic curve cryptosystem 34573
Kaliski, B.S., Jr. IEEE P1363: A standard for RSA, Diffie-Hellman, and elliptic-curve cryptography 56280
Kalisky, Y., Ben-Amar Baranga, A., Shimony, Y., Burshtein, Z., Pollack, S.A., Kokta, M.R. Cr^{4+} doped garnets: their properties as non-linear absorbers 14267
Kalisky, Y., Waichman, K., Kamin, S., Chuchem, D. Plasma cathode preionized atmospheric pressure HF chemical laser 55492
Kalisky, Y. *see* Moncorge, R. 3991
Kalisky, Y. *see* Shimony, Y. 3736
Kalisz, A. *see* Feleppa, E.J. 18353
Kalisz, A. *see* Feleppa, E.J. 37719
Kalisz, J., Szpiet, R., Pasierbinski, J., Poniecki, A. Field-programmable-gate-array-based time-to-digital converter with 200-ps resolution 27437
Kalisz, J. *see* Pelka, R. 27401
Kaliteevski, M.A., Kavokin, A.V., Sinitsyn, M.A., Shernyakov, Yu.M., Yavich, B.S. Light absorption in Bragg reflectors and microcavities 12397
Kaliteevskii, M.A. Coupled vertical microcavities 55232
Kalitin, S.P. *see* Verezub, N.A. 21219
Kalitsinskii, Yu.R., Krichevets, A.M. Features of automated systems as objects of metrological assurance 7183
Kalitsinskii, Yu.R. *see* Krichevets, A.M. 7182
Kalitzova, M., Simov, S., Yankov, R.A., Angelov, Ch., Vitali, G., Rossi, M., Pizzuto, C., Zollo, G., Faure, J., Killian, L., Bonhomme, P., Voelskow, M. Amorphization and crystallization in high-dose Zn^+-implanted silicon 32129
Kalitzova, M. *see* Marinova, Ts. 42503
Kalitzova, M. *see* Vitali, G. 22506
Kaljuzhny, V. *see* Dohlus, M. 7729
Kaljuzhny, V.E. *see* Sobenin, N.P. 49206
Kalk, F., Vacca, A., Howard, C., Karklin, L. Detection and printability of random and programmed pinholes on Cr photomasks 22686
Kalkan, M., Clarke, R.H. Prediction of the space-frequency correlation function for base station diversity reception 36013
Kalkbrenner, G., Pirkmayer, T., Van Dornik, A., Hofmann, P. Quality of service (QoS) in distributed hypermedia-systems 47382
Kalker, T. On optimal boundary and transition filters in time-varying filter banks 56479
Kalker, T. *see* Park, H. 45861
Kalkhoran, N.M., Halverson, W. Photoluminescence and cathodoluminescence of ion implanted ZnS and $ZnGa_2O_4$ phosphors 3618
Kalkman, A.J. *see* Lokker, J.P. 42728
Kalkman, A.J. *see* Verbruggen, A.H. 42763
Kalkner, W. *see* Faremo, H. 2967
Kalkoff, I. *see* Quinquis, A. 48150
Kalkunte, M. *see* Merchant, S. 16262
Kalkur, T.S., Figgie, T. Effect of copper addition on the micromechanical properties of singly and doubly supported aluminium beams 23067
Kalkur, T.S., Scotty, M., Gardner, D. Deformable grating spatial light modulator 23580
Kalkur, T.S. *see* Lim, M. 54297
Kalla, G. CO_2 laser beam welding of structural steel with a thickness up to 20 mm 33778
Kallah, A.S., Murphy, M. Electric propulsion systems–selecting the right solution 29813
Kallaia, M.A. *see* Leturcq, P. 42905
Kallenbach, A. *see* Silva, A. 7187
Kallenberg, L.C.M. *see* Altman, E. 10272
Kaller, D. *see* Harrer, B. 39803
Kalli, K. *see* Brady, G.P. 27596
Kalli, K. *see* Brady, G.P. 36601
Kallimani, K., O'Mahony, M.J. Fiber grating laser: An alternative configuration 23821
Kallio, P., Lind, M., Kojola, H., Quan Zhou, Koivo, F.N. An actuation system for parallel link micromanipulators 54994
Kalliomaki, K., Mansten, T. Instrumentation for Cs-time transfer to calibration laboratory 36937
Kallman, J. *see* Rashid, H. 26932
Kallman, K.-M. *see* Pal, A.J. 44291
Kallman, R.R. Another formulation of general spatial filter design 5200
Kallman, R.R. A general optimization algorithm useful in spatial filter design 23634
Kallman, R.R. *see* Roth, P.J. 8689
Kallmayer, C., Oppermann, H., Eugelmann, G., Zakel, E., Reichl, H. Self-aligning flip-chip assembly using eutectic gold/tin solder in different atmospheres 31649
Kallmayer, C., Oppermann, H., Kloeser, J., Zakel, E., Reichi, H. Experimental results on the self-alignment process using Au/Sn metallurgy and on the growth of the ζ-phase during the reflow 22090
Kallmeyer, D.H. Status and prospects of combined heat and power in RWE Energie AG 38608
Kalluri, S. *see* Chen, A. 13541
Kalluri, S. *see* Shi, Y. 47949
Kalluri, V. *see* Stubberud, P.A. 5249
Kalman, R.F. *see* Weverka, R.T. 24587
Kalmanash, M., Sundaresan, G. Dual backlighting system for avionic AMLCDs 18627
Kalmanash, M. *see* Flynn, M.F. 7506
Kalmanek, C.R., Srinivasan Keshav, Marshall, W.T., Morgan, S.P., Restrick, R.C., III Xunet 2: lessons from an early wide-area ATM testbed 35746
Kalmar, L. *see* Vass, G.G. 4920
Kalmbach, G. *see* Rogoff, R. 2501
Kalmykov, A., Tsymbal, V., Matveev, A., Gavrilenko, A., Igolkin, V. The two-frequency multipolarisation L/VHF airborne SAR for subsurface sensing 18816
Kalmykov, A.I., Lukin, V.V., Zelensky, A.A. Some techniques and algorithms of SAR image enhancement on stages of primary and secondary signal processing 16923
Kalmykov, A.I. *see* Zeldis, V.I. 16941
Kalmykov, G.A. *see* Kozhevnikov, D.A. 60018
Kalmykov, L., Pilipenko, N., Korneeva, V. Collective doses and radiation risks due to medical diagnostic exposures in Ukraine 59839
Kalna, K., Mosko, M. Electron capture in quantum wells via scattering by electrons, holes, and optical phonons 32009
Kalnberzin', A.Ya. *see* Broitman, M.D. 35707
Kalnitsky, A., Hurley, P., Lepert, A. Dopants (P, As and B) in poly-Si/$TiSi_2$ system: redistribution and activation 54496
Kalnitsky, A., Hurley, P.K., Lepert, A. Dopants (P, Ss, and B) in thee polycrystalline silicon/titanium silicide system: redistribution and activation 54242
Kalnov, V.A. *see* Valiev, K.A. 55376
Kalns, E.T., Yarsun Hsu Video on demand using the Vesta Parallel File System 27154
Kalogeras, D. *see* Delopoulos, A. 15607
Kalogirou, S. Parabolic trough collector system for low temperature steam generation: design and performance characteristics 20085
Kalogirou, S., Lloyd, S., Ward, J. Modelling, optimisation and performance evaluation of a parabolic trough solar collector steam generation system 60604
Kalogirou, S.A. Design and construction of a one-axis Sun-tracking system 51442

Kalonji, G., Ohnaka, I. US-Japan collaboration on engineering education reform and evaluation 20515
Kalonji, G., Regan, T., Walker, M.L. The evolution of a Coalition: ECSEL's programs for Years 6-10 20702
Kalonji, N., Semo, J., Devaux, F., Tanniou, J., Foucher, M., Saulnier, J. 18 GHz bandwidth, polarization-independent InGaAsP MQW electroabsorption modulator module 26815
Kaloritis, P. *see* Frangopoulos, C.A. 20278
Kalosha, V.P. *see* Herrmann, J. 44426
Kalosha, V.P. *see* Kalashnikov, V.L. 14020
Kalosha, V.P. *see* Kalashnikov, V.L. 44600
Kalosha, V.P. *see* Kalashnikov, V.L. 55833
Kaloudis, M. *see* Huisken, F. 24174
Kalouptsidis, N. *see* Papadakis, M. 24983
Kaloxylos, A. *see* Passas, N.I. 26596
Kaloxylos, A.G., Hadjiefthymiades, S.P. Mobility management in the wireless ATM network demonstrator (WAND) 26598
Kaloyeros, A.E., Thomas, M.E., Norman, J., Sullivan, J.J. Aluminum interconnects for ULSI: The CVD route 12819
Kaloyeros, A.E. *see* Faltermeier, C. 52766
Kaloyeros, A.E. *see* Hepp, A.F. *(editor)* 39520
Kalra, M.S. *see* Singh, K.M. 40274
Kalra, S. *see* Goh, W.B. 25421
Kalra, S.Pal *see* Pal Kalra, S.
Kalshoven, J.E., Rosten, D.P. An active optical remote sensing system for vegetation index determination 8546
Kalshoven, J.E. *see* Breon, F.-M. 50032
Kalshoven, J.E. *see* Walthall, C.L. 8325
Kalt, H. *see* Langbein, W. 2214
Kalt, H. *see* O'Donnell, K.P. 44223
Kalt, H. *see* Woerner, A. 33504
Kalt, H. *see* Woggon, U. 32037
Kaltenbacher, E., Hardie, R.C. High resolution infrared image reconstruction using multiple, low resolution, aliased frames 5274
Kaltenbacher, M., Landes, R., Lerch, R. An efficient calculation scheme for the numerical simulation of coupled magnetomechanical systems 43733
Kaltenmeier, A. *see* Fetter, P. 15052
Kaltenmeier, A. *see* Kuhn, T. 15000
Kalter, H.L. *see* Mandelman, J.A. 21662
Kaltofen, E., Lobo, A. On rank properties of Toeplitz matrices over finite fields 21018
Kaltofen, E., Pan, V. Parallel solution of Toeplitz and Toeplitz-like linear systems over fields of small positive characteristic 10471
Kaltofen, E. *see* Erlingsson, U. 21134
Kaltsas, G., Nassiopoulos, A.G. Bulk silicon micromachining using porous silicon sacrificial layers 41867
Kaltschmitt, M. *see* Wiese, A. 60473
Kaluarachchi, E.D., Ghassemlooy, Z., Wilson, B. Digital pulse interval modulation for transmission over optical fibre with direct detection 26773
Kalukin, A.R. Effects of internal scattering on X-ray microtomography image reconstruction 56898
Kalukin, A.R., Sankaran, V., Chartrand, B., Millard, D.L., Kraft, R.P., Embrechts, M.J. An improved method for inspection of solder joints using X-ray laminography and X-ray microtomography 20976
Kaluszko, A. *see* Ciechanowicz, W. 19226
Kalvaitis, A.N. National Undersea Research Program offshore emergency exercises 49981
Kalveram, S. *see* Wiesmann, R. 13681
Kalvianen, H. Motion detection using the randomised Hough transform: exploiting gradient information and detecting multiple moving objects 15588
Kalviainen, H., Bosdogianni, P., Petrou, M., Kittler, J. Mixed pixel classification with the randomized Hough transform 5417
Kalviainen, H., Hirvonen, P. Connective randomized Hough transform (CRHT) 15714
Kalviainen, H., Hirvonen, P. An extension to the randomized Hough transform exploiting connectivity 46225
Kalyanaraman, S. *see* Jain, R. 5759
Kalyanasundaram, P. *see* Shakshin, N.I. 40724
Kal'yanov, E.V. Two-feedback-loop oscillator with chaotic dynamics 40951
Kalynzhnyi, V.V., Kobets, T.I., Losev, S.A., Makarov, V.N., Razdolin, A.V. The feasibility of industrial applications of gasdynamic CO_2 laser 33771
Kam, C.H. *see* Lim, T.K. 36815
Kam, R.A.Vander *see* Vander Kam, R.A.
Kam, T. *see* Yirng-An Chen 31331
Kam Cheng *see* Falkingham, L.T. 29487
Kam Ho Tin *see* Tin Kam Ho
Kam Hong Shum, Li, S.-Y.R. Runtime support for replicated parallel simulators of an ATM network on workstation clusters 16482
Kam Hung Lam, Wing Shing Wong Distributed power balancing in cellular systems using limited control-data flow 36015
Kam Liu Wing *see* Wing Kam Liu
Kam Pooi Yuan *see* Pooi Yuan Kam
Kam Sing Wong *see* Hong Wang 55874
Kam Snm Liu Wing *see* Wing Kam Snm Liu
Kam-Chi Li *see* Siu-Wai Mok 56358
Kam-Yin Lau High speed quantum well lasers 14160
Kam-Yiu Lam *see* Lee, V.C.S. 57710
Kama, K. *see* Shiraishi, T. 27662
Kamach, Yu.E. *see* Borzdov, A.N. 44062
Kamada, A., Onodera, T. Comments on "Generalized representation of electric fields in interaction gaps of klystrons and traveling-wave tubes" 12105
Kamada, A. *see* Yanai, Y. 36809
Kamada, F., Sato, A., Hori, T. Telemedicine system 26341
Kamada, H. *see* Sugiura, H. 31973
Kamada, M., Yamada, T., Takahashi, K.-I. A scheme of discretization and reconstruction of signals 45875
Kamada, M. *see* Ichige, K. 45844
Kamada, T., Fukuoka, T., Nakai, Y., Nakakura, Y., Ueda, K., Ota, K., Shiomi, T., Fukumoto, Y. An area effective standard cell based channel decoder LSI for digital satellite TV broadcasting 36308
Kamada, T. *see* Hasegawa, K. 6385
Kamada, T. *see* Kanno, I. 43481
Kamada, T. *see* Nakakura, Y. 48218
Kamae, T., Arai, K., Ohtsuka, T., Tsuchida, N., Aihara, H. Focussing DIRC–a new compact Cherenkov ring imaging device 37359
Kamae, T. *see* Tsuchida, N. 44228
Kamaev, G.N. *see* Emeksuzyan, V.M. 54014
Kamahara, J., Shimojo, S., Sugano, A., Kaneda, T., Miyahara, H., Yahata, T., Nishio, S. A news on demand system with automatic program composition and QoS control mechanism 6335
Kamakura, Y. *see* Bude, J.D. 43074
Kamal, A.E. Performance modeling of partial packet discarding using the end-of-packet indicator in AAL type 5 25870
Kamal, I.K. *see* Abdel-halim, M.A. 38742
Kamaletdinov, B.Zh. Optimal sets of binary sequences 14812
Kamali, B. Some applications of wireless communications in intelligent vehicle highway systems 16629
Kamalov, Sh.R. *see* Ganeev, R.A. 23828
Kamamoto, M. *see* Okato, Y. 45679
Kamanin, A.V. *see* Berman, L.S. 12587
Kamanina, N.V., Vasilenko, N.A. Influence of operating conditions and interface properties on dynamic characteristics of liquid-crystal spatial light modulators 44090
Kamano, T. *see* Yoshida, S. 29512
Kamarad, J. *see* Arnold, Z. 3128
Kamarad, J. *see* Morellon, L. 3048
Kamardin, Yu.B. *see* Voskovtsova, L.M. 13532
Kamarinos, G. *see* Dimitriadis, C.A. 32404
Kamarinos, G. *see* Minondo, M. 2582
Kamarinos, G., Guillemot, N., Courtois, B. *(editors)* Proceedings of the European Workshop Microelectronics Education 9790
Kamarsu, S. *see* Card, H.C. 56421
Kamarthi, S.V. *see* Pilla, R.S. 10441
Kamat, S. *see* Biao Chen 57867
Kamata, A., Yoshida, H., Chichibu, S., Nakanishi, H. Growth and doping characteristics of ZnSeTe epilayers by MOCVD 40474
Kamata, H., Endo, T., Ishida, Y. Secure communication system using chaos via DSP implementation 4784
Kamata, I.N. *see* Ghafouri-Shiraz, H. 44184
Kamata, K. *see* Nishino, J. 52809
Kamata, K. *see* Ohoka, H. 48390
Kamata, M., Jin-Nouchi, K., Esaka, T. Thermoelectric power in ionic and electronic mixed conductors 61105
Kamata, M. *see* Morimoto, H. 60981
Kamata, R. *see* Ozawa, S. 17801
Kamata, S. A study on data compression for gray images using a Hilbert scan 46095
Kamata, S., Niimi, M., Kawaguchi, E. A gray image compression using a Hilbert scan 5657
Kamata, T., Arimoto, H. Suppression of electron shading effect by a counter radio frequency bias in plasma etching 22569
Kamata, T. *see* Saito, M. 12071
Kamata, Y. *see* Ichikawa, M. 56167
Kamata Sei-Ichiro *see* Sei-Ichiro Kamata
Kamatani, H., Watabe, K., Onoda, M., Nakayama, H. Characteristics of surface discharge with small gap in SF_6 gas under pulse voltage 23154
Kamatani, O. *see* Morioka, T. 26826
Kamatani, O. *see* Takiguchi, K. 6716
Kamatani, R. *see* Utsumi, H. 53843
Kamath, A., Kwong, D.L., Sun, Y.M., Blass, P.M., Whaley, S., White, J.M. Oxidation of Si(100) in nitric oxide at low pressures: an X-ray photoelectron spectroscopy study 22548
Kamath, G.M., Hurt, M.K., Wereley, N.M. Analysis and testing of Bingham plastic behavior in semi-active electrorheological fluid dampers 30994
Kamath, G.S. *see* Benson, J.D. 21287
Kamath, J. *see* Dean, D. 18391
Kamath, K., Phillips, J., Sosnovski, T., Zhang, X., Norris, T., Bhattacharya, P. Room temperature operation of MBE self-organized InGaAs quantum dot lasers 55621
Kamath, K.K. *see* Tafti, H.A. 3836
Kamath, K.M. *see* Murthy, T.S.R. 43574
Kamath, M.V., Bentley, T., Spaziani, R., Tougas, G., Fallen, E.L., McCartney, N., Runions, J., Upton, A.R.M. Time-frequency analysis of heart rate variability signals in patients with autonomic dysfunction 37836
Kamath, S. *see* Malfatt, R. 20863
Kamath Sudhir *see* Sudhir Kamath
Kambara, T. *see* Yagisawa, K. 1170
Kambayashi, N. *see* Iwahashi, M. 35052
Kambayashi, N. *see* Iwahashi, M. 57399
Kambayashi, N. *see* Xiaoxing Zhang 41298
Kambayashi, S. *see* Mitani, Y. 2318
Kambayashi, T. *see* Watanabe, M. 44256
Kambayashi, Y. *see* Sawada, S. 53258
Kambayashi, Y. *see* Yamashita, S. 21590
Kambayashi, Y. *see* Yamashita, S. 41010
Kambayasi, T. *see* Haruta, Y. 11907
Kambe, A., Yonemori, H., Horiuchi, T., Nakaoka, M. Instantaneous space voltage vector controlled three-phase ZVS-PWM active converter with new auxiliary transformer assisted resonant DC link 51302
Kambe, T. *see* Takahashi, M. 41075
Kambe, T. *see* Yamaguchi, M. 41258
Kambe, T. *see* Yamanouchi, T. 11117
Kamberova, G., Mandelbaum, R., Mintz, M. Statistical decision theory for mobile robotics: theory and application 17792
Kambersky, V., De Haan, P., Simsova, J., Porthun, S., Gemperle, R., Lodder, J.C. Domain wall theory and exchange stiffness in Co/Pd multilayers 3190
Kambersky, V. *see* Gemperle, R. 43648
Kambhamettu, C. *see* Kumar, S. 59444
Kamble, B.N. *see* Soudagar, S. 3388
Kamble, M.B., Ghose, K. Energy-efficiency of VLSI caches: a comparative study 53315
Kameari, A., Koganezawa, K. Convergence of ICCG method in FEM using edge elements without gauge condition 44923
Kameda, H., Taniguchi, H. Design method of specific parameters of a resistance type superconducting fault current limiter in overhead transmission systems considering power system protection 60430
Kameda, H. *see* Kosuge, Y. 48054
Kameda, H. *see* Zhang, Y. 57894
Kameda, M., Ohtake, K., Miyahara, M. Optimum partition of frequency band in 2-dimensional subband image coding 25702
Kameda, M., Sakai, S., Isomura, M., Sayama, K., Hishikawa, Y., Matsumi, S., Haku, H., Wakisaka, K., Tanaka, M., Kiyama, S., Tsuda, S., Nakano, S. Efficiency evaluation of a-Si and c-Si solar cells for outdoor use 39128
Kameda, M. *see* Hyodo, T. 12960
Kameda, Y. *see* Nakayama, M. 23746
Kameda, Y. *see* Nanya, T. 1248
Kamei, H. *see* Tabuchi, M. 30750
Kamei, K. *see* Kawata, M. 51645
Kamei, M. *see* Maekawa, H. 29468
Kamei, T., Sasahara, M., Amano, H. An LSI implementation of the simple serial synchronized multistage interconnection network 41124
Kamei, T. *see* Hirata, M. 39362
Kamei, T. *see* Morishita, H. 34336
Kamejima, K. Existence and detection of invariant feature associated with conditional distribution induced by self-similar patterns 25706
Kamejima, K. Self-similarity coding of random texture with applications to design and detection of complicated patterns 25796
Kamejima, K. Parallel distributed scheme for stochastic coding of self-similar patterns 46200
Kamel, A.El *see* El Kamel, A.
Kamel, I. *see* Aref, W.G. 48248
Kamel, R.E., Bar-Ness, Y. Anchored blind equalization using the constant modulus algorithm 56583
Kamel, S. *see* Bouchelouh, N. 13310
Kamel, S. *see* Bouchelouh, N. 43464
Kamel, S. *see* Frechette, M.F. 13218
Kamel, S. *see* Frechette, M.F. 43465
Kamel, S.A. *see* Mahmoud, I.I. 38863
Kamen, E.W. *see* Krauss, A.F. 20830
Kamen, E.W. *see* Sills, J.A. 4837
Kamen, E.W. *see* Sills, J.A. 34872
Kamenev, O. *see* Kulchin, Y. 25261
Kamenev, O. *see* Kulchin, Yu. 50005
Kamenev, O.T. *see* Kulchin, Y.N. 48586
Kamenev, O.T. *see* Kulchin, Y.N. 58821
Kamenista, D. *see* Ghante, V. 12687
Kamenitsa, D. *see* Parab, K.B. 12693
Kamenski, D.I. *see* Dimitrov, S.D. 40160
Kamenski, I.V. *see* Borg, G.G. 34203
Kamerman, A. Spread-spectrum techniques drive WLAN performance 6055
Kamerman, A. Wireless LANs untether portable control systems 26230
Kamerman, A. Spread spectrum schemes for microwave frequency WLANs 57899
Kamerman, G.W. *see* Molebny, V.V. 7977
Kamermans, R. *see* Prendergast, E.P. 41731
Kameyama, A., Massengale, A., Changhong Dai, Harris, J.S., Jr. Analysis of device parameters for pnp-type AlGaAs/GaAs HBTs including high-injection using new direct parameter extraction 12906
Kameyama, A. *see* Hirose, M. 11683
Kameyama, A. *see* Hirose, M. 43119
Kameyama, K., Inoue, T., Demin, I.Yu., Kobayashi, K., Sato, T. Acoustical tissue nonlinearity characterization using bispectral analysis 7867
Kameyama, K. *see* Kosugi, Y. 59508
Kameyama, M., Sasaki, M. Optimal design of a VLSI processor with spatially parallel and pipeline structure 40821

Kameyama, M. *see* Hanyu, T. 1341
Kameyama, M. *see* Hanyu, T. 11401
Kameyama, M. *see* Hanyu, T. 41083
Kameyama, M. *see* Hariyama, M. 21708
Kameyama, M. *see* Lee, S. 57214
Kameyama, M. *see* Ozaki, M. 58019
Kameyama, Y. *see* Ohtaka, T. 191
Kamezawa, H. *see* Kobayashi, Y. 47021
Kamf, A. *see* Schedin, E. 11835
Kamgar, A. *see* Liu, C.T. 2641
Kamgar, A. *see* Rafferty, C.S. 42410
Kamgar-Parsi, B., Kamgar-Parsi, B. Rejection with multilayer neural networks: automatic generation of the training set 57520
Kamgar-Parsi, B. *see* Kamgar-Parsi, B. 57520
Kami, Y. *see* Liu, W. 14657
Kami, Y. *see* Tobana, T. 11847
Kamiel, Z., Tayel, M., Elbanna, M., Nasser, A. Effect of shunt resistance and reverse saturation current on the performance of solar cells 61087
Kamieniecki, E. Non-contact electrical characterization of silicon surfaces for true in-line monitoring of cleaning processes 42565
Kamieniecki, E. *see* Hwang, D.K. 42468
Kamieniecki, E. *see* Roman, P. 42566
Kamieniecki, E. *see* Ruzyllo, J. 42530
Kamienski, E.G.Stein von *see* Stein von Kamienski, E.G.
Kamigaito, H., Kubota, Y., Masukawa, S., Iida, S. A three phase voltage source neutral-point-clamped converter with divided capacitors 51249
Kamigaito, O., Goto, A., Miyazawa, Y., Chiba, T., Hemmi, M., Kase, M., Kohara, S., Batygin, Y., Yano, Y. Development of a folded-coaxial RFQ linac for the RILAC 49213
Kamigaki, K. *see* Nagakari, S. 2910
Kamigata, T., Iwata, M., Takine, T., Terada, H. Performance evaluation of data-driven processor Qv-x with distributed queue-buffers 41199
Kamiji, N. *see* Mizukami, Y. 60959
Kamijoh, T. *see* Chang-Qing Xu 33626
Kamijoh, T. *see* Okayama, H. 47489
Kamijoh, T. *see* Okayama, H. 58271
Kamijoh, T. *see* Sasaki, H. 44137
Kamijoh, T. *see* Shinozaki, K. 14369
Kamijoh, T. *see* Wada, H. 3823
Kamijoh, T. *see* Xu, C.Q. 33643
Kamijoh, T. *see* Xu, C.Q. 44661
Kamikawaji, T. *see* Shioiri, T. 22122
Kamiki, M. *see* Horiuchi, N. 39185
Kamikubo, H., Urano, K., Ehara, Y., Ito, T. Analysis of electrical treeing process by discharge luminous image and discharge magnitude in each phase angle area 43452
Kamikubota, N., Furukawa, K. Tool for device histories at the KEK linac 49061
Kamikura, K. *see* Jozawa, H. 35182
Kamilov, I.K. *see* Abdulvagidov, Sh.B. 27410
Kamimura, K. *see* Kurosu, S. 17266
Kamimura, K. *see* Nakao, M. 17574
Kamimura, K. *see* Zhan He Wang 12291
Kamimura, S., Chato, T., Higashii, T., Kitagawa, T., Ueno, A., Kadowaki, S., Hirose, M., Ishiguro, H. Laser-detector-hologram unit integrated with I-V amplifiers for CD-ROM optical pickup 44320
Kamimura, T. *see* Nakajima, N. 5643
Kamimura, T. *see* Okura, H. 35044
Kamimura, Y. *see* Ito, S. 49460
Kamimura, Y. *see* Nakamura, H. 28454
Kamimura, Y. *see* Tanaka, Y. 49462
Kamin, S. *see* Kalisky, Y. 55492
Kaminaga, K., Fukuda, Y., Sato, T. Successful examples in CAD/CAE teaching 20729
Kaminaga, K., Ichihara, M., Jinno, M., Tanabe, T., Fukunaga, S., Kanaoka, M., Takehana, H. Development of 500-kV XLPE cables 60393
Kaminaga, K., Takeda, N., Katakai, S., Murata, Y., Kanaoka, M., Takahashi, K. Study of DC withstand test as after-laying test for 500 kV XLPE cable 38373
Kaminaga, K., Takeda, N., Katakai, S., Murata, Y., Kanaoka, M., Takahashi, K. Study of DC breakdown phenomena in cable insulating material 43557
Kaminaga, K., Yoshifuji, N., Uozumi, T., Yorita, J., Inoue, Y., Fukunaga, S. Study on deterioration mechanism of XLPE cables 50594
Kaminskii, A.A., Li, L., Butashin, A.V., Mironov, V.S., Pavlyuk, A.A., Bagayev, S.N., Ueda, K. New stimulated emission channels of Pr^{3+} and Tm^{3+} ions in monoclinic $KR(WO_4)_2$ type crystals with ordered structure (R=Y and Gd) 44412
Kamino, Y. 10 MeV 25 KW industrial electron linac 49066
Kamino, Y. *see* Baba, H. 49065
Kaminow, I.P. *see* Glance, B. 6819
Kamins, T.I., Carr, E.C., Williams, R.S., Rosner, S.J. Deposition of three-dimensional Ge islands on Si(001) by chemical vapor deposition at atmospheric and reduced pressures 30876
Kamins, T.I., Lefforge, D. Control of n-type dopant transitions in low-temperature silicon epitaxy 41854
Kaminska, B. *see* Abderrahman, A. 22924
Kaminska, B. *see* Abderrahman, A. 32492
Kaminska, B. *see* Arabi, K. 1047
Kaminska, B. *see* Belhaouane, A. 27421
Kaminska, B. *see* Ben-Hamida, N. 1516
Kaminska, B. *see* Hamida, N.B. 43231
Kaminska, B. *see* Rayapati, V.N. 41183
Kaminska, B. *see* Saab, K. 13093
Kaminska, E., Piotrowska, A., Kasjaniuk, S., Gierlotka, S. Transport behaviour in low-resistance metal/p-GaAs interfaces 12529
Kaminska, E. *see* Dietl, T. 2203
Kaminska, E. *see* Grabecki, G. 12416
Kaminska, E. *see* Grabecki, G. 42234
Kaminska, E. *see* Jaroszynski, J. 12438
Kaminska, E. *see* Piotrowska, A. 13899
Kaminska, I. *see* Arabi, K. 11514
Kaminska, M. *see* Dwilinski, R. 10619
Kaminska, M. *see* Hark Hoe Tan 55387
Kaminska, M. *see* Korona, K.P. 12232
Kaminski, A., Marchand, J.J., El Omari, H., Laugier, A., Le, Q.N., Sarti, D. Conduction processes in silicon solar cells 39007
Kaminski, A. *see* Fave, A. 38985
Kaminski, A. *see* Gontrand, C. 43266
Kaminski, A. *see* Skryshevsky, V.A. 39011
Kaminski, C.F., Ewart, P. Multiplex H_2 CARS thermometry in a microwave assisted diamond CVD plasma 30871
Kaminski, C.F., Ewart, P. Multiplex H_2 coherent anti-Stokes Raman scattering thermometry with a modeless laser 36952
Kaminski, F. Poland in the European Union: telecommunications aspects 5901
Kaminski, R.L., Krzysiak, D., Lin, F., Jannson, T., Hirsh, J., Panahi, A. WDM data links for broadband multimedia communications applications 16771
Kaminski, V.V. *see* Bykhovski, A.D. 2024
Kaminskii, A.A. New manifestation of nonlinear properties of acentric trigonal $LaBGeO_5$ and orthorhombic $Gd_2(MoO_4)_3$ laser crystal-hosts: multiple Stokes and anti-Stokes SRS and SHG due to Cerenkov-type phase matching 3971
Kaminskii, A.A., Butashin, A.V. $BaLu_2F_8$– a new crystal-host for lasing Ln^{3+} ions 23840
Kaminskii, A.A., Butashin, A.V., Eichler, H.-J., Grebe, D., Macdonald, R., Ueda, K., Nishioka, H., Odajima, W., Tateno, M., Song, J., Musha, M., Bagaev, S.N., Pavlyuk, A.A. Orthorhombic ferroelectric and ferroelastic $Gd_2(MoO_4)_3$ crystal a new many-purposed nonlinear and optical material: efficient multiple stimulated Raman scattering and CW and tunable second harmonic generation 44738
Kaminskii, A.A., Eichler, H.J., Grebe, D., Macdonald, R., Butashin, A.V. New fluoride crystal $BaLu_2F_8:Nd^{3+}$ for diode pumped lasers 44407
Kaminskii, A.A., Nishioka, H., Ueda, K., Odajimu, W., Tateno, M., Sasaki, Y., Bagayev, S.N., Butashin, A.V., Pavlyuk, A.A. Whole-visible continuously tunable SHG in $Gd_2(MoO_4)_3$ crystals under femtosecond hypercontinuum coherent light pumping 4012
Kaminskii, A.A. *see* Bagayev, S.N. 27375
Kaminskii, A.A. *see* Nishioka, H. 44652
Kaminskii, V.V. *see* Vasil'ev, L.N. 54241
Kaminskiy, V.J. *see* Tuz, Ju.M. 27811
Kaminskiy, V.J. *see* Tuz, Ju.M. 27812
Kaminsky, A. LUE200–driver linac for Intense Resonant Neutron Spectrometer (IREN) 49346
Kaminsky, A. *see* Antropov, V. 49276
Kaminsky, B. *see* Denes, L.J. 55341
Kaminsky, F.C. *see* Benneyan, J.C. 7859
Kaminsky, T. *see* Mithofer, D. 38372
Kaminskyi, I., Mani, N. A multimedia learning environment for electronic engineering students 20538
Kaminskyj, I., Voumard, P. Enhanced automatic source identification of monophonic musical instrument sounds 45798
Kamio, H., Takahata, H., Aoyama, K., Watanabe, K. Recent trends in operation, data acquisition and control system 7217
Kamio, T., Adachi, H., Ninomiya, H., Asai, H. Discrete Walsh transform neuro chip using OTA circuits 21859
Kamio, Y. *see* Furukawa, H. 58142
Kamio, Y. *see* Naijoh, M. 24642
Kamionka, L., Lato, J. Problems of the network construction faced by the local independent telecommunications operating companies 46836
Kamisawa, A. *see* Suu, K. 2918
Kamisawa, A. *see* Suu, K. 52796
Kamise, C., Ando, S., Shiozawa, T., Shimosaka, N., Fujiwara, M. Practical implementation of an optical network in broadcast stations 36337
Kamitani, T. *see* Jae-Young Choi 37156
Kamitani, T. *see* Ohsawa, S. 49204
Kamite, K. *see* Mikawa, T. 6850
Kamitsubo, H. *see* Ando, A. 7771
Kamiura, N., Hata, Y., Yamato, K. On design of fail-safe cellular arrays 53127
Kamiura, N. *see* Kobashi, S. 49432
Kamiura, N. *see* Kobashi, S. 49480
Kamiura, N. *see* Morinaga, N. 49481
Kamiura, T. *see* Oiwa, T. 3005
Kamiya, A., Ono, I., Yamamura, M., Kobayashi, S. Thermal power plant start-up scheduling with evolutionary computation by using an enforcement operator and tabu strategy 50484
Kamiya, H., Fujita, Y., Tsuruga, T., Nakamura, Y., Matsuda, S., Enomoto, K. Intelligent technologies of Honda ASV 29864
Kamiya, K. *see* Hase, H. 4016
Kamiya, K. *see* Kawai, A. 966
Kamiya, K. *see* Nasu, H. 14316
Kamiya, M., Ikeda, H. Simultaneous transmission of vibration sensor position control data and measured vibration data in opposite directions through single plastic optical fiber 17437
Kamiya, M., Ikeda, H. Measurement of dimensions using robot constructed utilizing optical fiber signal transmission system having reference capability 48919
Kamiya, M. *see* Ikeda, H. 59310
Kamiya, M. *see* Okuno, S. 43577
Kamiya, M. *see* Tsurumi, S. 4448
Kamiya, N. *see* Iwase, H. 630
Kamiya, N. *see* Ota, K. 51503
Kamiya, S. *see* Sashida, H. 6401
Kamiya, T., Suda, T., Tanaka, R. High energy single ion hit system combined with heavy ion microbeam apparatus 10035
Kamiya, T. *see* Akasaka, Y. 16832
Kamiya, T. *see* Aono, T. 27898
Kamiya, T. *see* Hoshida, T. 14148
Kamiya, T. *see* Hoshida, T. 44467
Kamiya, T. *see* Hoshida, T. 44586
Kamiya, T. *see* Hoshida, T. 55715
Kamiya, T. *see* Isoda, S. 60090
Kamiya, T. *see* Kodate, K. 25529
Kamiya, T. *see* Lee, J. 33208
Kamiya, T. *see* Lu, S. 56823
Kamiya, T. *see* Miyamoto, M. 3873
Kamiya, T. *see* Thapliya, R. 25528
Kamiya, T. *see* Uchiyama, Y. 3867
Kamiya, T. *see* Uchiyama, Y. 24252
Kamiya, Y., Hara, T., Kurimoto, Y., Onuki, T. A study on the type of primary winding connection in short secondary member linear induction motors driven by voltage source 29343
Kamiya, Y. *see* Takiya, T. 27991
Kamiyama, H., Yamashita, T., Maruyama, Y., Higaki, N., Urushibara, S., Haruna, S., Nishimichi, Y., Yamada, S., Yoshida, H., Nagao, K., Yamaguchi, S. 32 bit microcomputer MN10300 series 41250
Kamiyama, K., Hattori, M., Sukegawa, T., Saito, K. The effects of technical progress in motor drives on products and electrical facilities 61125
Kamiyama, K. *see* Nakao, H. 22650
Kamiyama, M. *see* Tamura, Y. 7084
Kamiyama, S. *see* Kidoguchi, I. 55683
Kamiyama, T. *see* Yoneyama, T. 46080
Kamiyama, Y. *see* Zahorski, D. 58931
Kamli, M. *see* Izaki, K. 51881
Kamm, G.N. *see* Sharp, J.W. 36958
Kamman, C.A. *see* Hopkins, S. 32496
Kammel, G. *see* Peschke, E.F. 50580
Kammer, S. *see* Ocola, L.E. 22721
Kammerer, B. *see* De Vos, L. 45672
Kammerlander, K. *see* Jung, P. 47631
Kammler, M. *see* Falta, J. 12628
Kamo, T. *see* Kurobe, S. 61072
Kamo, T. *see* Ohtomo, N. 7872
Kamogawa, K., Tokumitsu, T., Aikawa, M. Multifrequency microstrip antennas using alumina-ceramic/polyimide multilayer dielectric substrate 24601
Kamogawa, K. *see* Nishikawa, K. 31522
Kamogawa, K. *see* Toyoda, I. 31520
Kamohara, H. *see* Ishikawa, M. 29555
Kamohara, S., Shimizu, A., Yamamoto, S., Kubota, K. TED model including the dissolution of extended defects 12648
Kamohara, S. *see* Kawakami, M. 12620
Kamoi, T. *see* Eriguchi, H. 39392
Kamon, K., Matsui, Y. Experimental and simulated estimation of new super resolution technique 22737
Kamon, K. *see* Hanawa, T. 2533
Kamon, K. *see* Nakae, A. 32259
Kamon, M. *see* Miguel Silveira, L. 11101
Kamon, T. *see* Antos, J. 37373
Kamont, Z., Turo, J., Zubik-Kowal, B. Differential and difference inequalities generated by mixed problems for hyperbolic functional differential equations with impulses 10506
Kamoshida, K. Argon entrapment in magnetron-sputtered Al alloy films 2448
Kamoshida, K., Saito, K. Self-aligned TiN formation by N_2 plasma bias treatment of $TiSi_2$ deposited by selective chemical vapor deposition 40576
Kamoun, F. *see* Bouadma, N. 3904
Kamoun, M.B.A. *see* Ouali, M. 38732
Kamoun, M.Ben Ali *see* Ben Ali Kamoun, M.
Kamoutsis, P. *see* Rajanathan, C.B. 19754
Kamozawa, M. *see* Sone, T. 27663
Kamp, A. *see* Hahn, R. 52278
Kamp, H., Mayer, M., Pelzmann, A., Thies, A., Chung, H.Y., Sternschulte, H., Marti, O., Ebeling, K.J. NH_3 as nitrogen source in MBE growth of GaN 21262
Kamp, P.G. High power water cooled three-level GTO-modules for the static frequency converter Muldenstein 51776
Kamp, Y. *see* Pauws, S. 4606
Kampe, G. *see* Fuhrer, A. 9864
Kampe, J., Wisser, C., Scarbata, G. Module generators for a regular analog layout 1053
Kampf, J.P. *see* Anoikina, T.V. 32852
Kampfer, H. *see* Hanisch, H. 58952
Kampfer, N. *see* Hartmann, G.K. 8419
Kampfer, N. *see* Schmid, B. 38117

Kampik, M., Skubis, T., Klonz, M. Experimental thermal converter with quartz crystal temperature sensor 27359
Kampik, M. *see* Skubis, T. 27290
Kampke, T. Monotone labelings in polygonal tilings 46230
Kampmann, M., Ostermann, J. Automatic adaptation of a face model in a layered coder with an object-based analysis-synthesis layer and a knowledge-based layer 56671
Kamprasert, N. *see* Kiranon, W. 41316
Kamra, K., Kumar, A., Singh, K. Out-of-plane displacement measurement using multiple-exposure speckle recording in $BaTiO_3$ crystal: use of converging beam illumination in free space geometry 27911
Kamra, S. *see* Cai, L. 10815
Kamra, S. *see* Doshi, P. 39196
Kamra, S. *see* Narasimha, S. 39202
Kamra, S. *see* Rohatgi, A. 39053
Kamshilin, A.A. Nonlinear optical effects and phase conjugation in photorefractive fibers 55810
Kamshilin, A.A., Raita, E., Jaaskelainen, T. Photorefractive surface waves in a thin $Bi_{12}TiO_{20}$ crystal 24145
Kamshilin, A.A., Raita, E., Khomenko, A.V. Intensity redistribution in a thin photorefractive crystal caused by strong fanning effect and internal reflections 14308
Kamshilin, A.A. *see* Raita, E. 14327
Kamshilin, A.A. *see* Raita, E. 44716
Kamuz, A.M., Oleksenko, P.F., Ovsyannikov, E.Y., Sizov, F.F., Dyachenko, T.A. Low-temperature photo-hydro-modification of II-VI and III-V semiconductors 3444
Kamwa, I., Grondin, R., McNabb, D. On-line tracking of changing harmonics in stressed power systems: application to Hydro-Quebec network 8846
Kamykowski, E. *see* Sredniawski, J.J. 49353
Kamyshin, V. *see* Larkin, S. 36876
Kamyshin, V.V. *see* Larkin, S.Y. 36875
Kan, E. *see* Wang, K. 13101
Kan, E.C. *see* Gyoyoung Jin 12860
Kan, E.C. *see* Ze-Kai Hsiau 12741
Kan, H. *see* Gong, X.Y. 41935
Kan, K.-S., Chen, C.-T., Loui, A. Real-time MPEG video over LAN with DSM-CC signalling 57637
Kan, N. *see* Osaka, T. 40687
Kan, S.C., Eng, T.T.H., Sin, S.S.Y., Wong, G.K.L. Silicon-on-insulator (SOI) movable integrated optical waveguide technology 13640
Kan, S.C., Eng, T.T.H., Sin, S.Y.S., Ho, J.Y.L., Liem, I.H.M., Chan, P.W.L., Wong, G.K.L. New types of singlemode (movable) and multimode (60-μm thick) SOI waveguides fabricated using silicon micromachining technology 33091
Kan, T., Lawson, D.B., Ruiz, O.J., Sermon, C.F. The past and present roles of computer aided engineering in DASD design 23357
Kan, T. *see* Takamiya, T. 23329
Kan, W.Y., Krogmeier, J.V., Doerschuk, P.C. A hidden Markov model for the detection and tracking of highway vehicles in image sequences 35244
Kan, Y. *see* Tian, Y. 32338
Kan Cheng *see* Cheng Kan
Kan Hongjing *see* Hongjing Kan
Kan Jung-In *see* Jung-In Kan
Kan Yuan Lee, Yean Kuen Fang, Chii Wen Cheng, Kou Chin Huang, Mong Song Liang, Sou Gow Wuu Impact of hydrogenating plasma induced oxide charging effects on the characteristics of polysilicon thin film transistors 54636
Kan Zhang *see* Zhang Kan
Kan-Lee Liou *see* Jaw-Shyang Wu 50356
Kan-Yuan Lee, Yean-Kuen Fang, Chii-Wen Chen, Huang, K.C., Mong-Song Liang, Wuu, G. The electrostatic charging damage on the characteristics and reliability of polysilicon thin-film transistors during plasma hydrogenation 54644
Kan-Yuan Lee, Yean-Kuen Fang, Chii-Wen Chen, Mong-Song Liang, Jang-Cheng Hsieh A novel stack structure to improve the degradation of W-polycide gated MOS device with undoped a-Si/heavily-doped poly-Si multilayer 54290
Kana, M.G.Zebaza *see* Zebaza Kana, M.G.
Kanabe, T. *see* Fujimoto, Y. 23438
Kanada, H., Inaba, K., Takeuchi, M., Yoshizawa, S. Network topology and exchange time of messages in a local area network using inter-network processors 47099
Kanada, H. *see* Takeuchi, M. 21419
Kanada, T., Enokizono, M., Kawamura, K., Sievert, J.D. Two-dimensional magnetic properties of a three-phase amorphous transformer core 23384
Kanada, T., Ishikawa, S., Okumura, Y., Terada, N. ATM-PON based FTTH access network and its application to multimedia service experiments 47425
Kanada, T., Onada, T., Yamashita, I., Aoyama, T. Netwarp: an ultra-high-throughput computer communications service 35736
Kanada, T. *see* Koyanagi, K. 47109
Kanade, T., Satoh, S. Informedia: CMU digital video library project 7101
Kanade, T. *see* Kano, H. 15467
Kanade, T. *see* Poelman, C.J. 46308
Kanade, T. *see* Rander, P.W. 25486
Kanade, T. *see* Uenohara, U. 56816
Kanaev, G.G. *see* Zherlitsyn, A.G. 53982
Kanaev, I.F., Malinovsky, V.K., Novomlintsev, A.V., Pugachev, A.M. The nature of restricted spatial resolution at hologram recording in $LiNbO_3$ crystals 14426
Kanagawa, H. *see* Ikeda, D. 51527
Kanagawa, N. *see* Hanyu, T. 1341
Kanahele, D.L., Buckanin, B. CONDOR advanced visionics system 18637
Kanai, C. *see* Shimizu, Y. 17064
Kanai, G. *see* Wakaki, M. 55798
Kanai, H., Harada, K., Yamashita, Y., Hasegawa, K., Mukaeda, S., Handa, K. Fine grained relaxor dielectric ceramics prepared by hydrothermally synthesized powder 933
Kanai, H., Imai, M., Chubachi, N. Accurate power spectrum estimation of a damped sinusoidal signal in low SNR cases based on a newly defined transfer function 59099
Kanai, H., Kawano, K., Tanaka, S., Shiobara, E., Aoki, M., Yoneda, I., Ito, S. Sub-quarter micron lithography with the dual-trench type alternating PSM 22646
Kanai, H., Murata, R., Takano, M., Chubachi, N., Koiwa, Y. Noninvasive measurement of velocity of small vibration on aorta induced by impulsive actuator 59428
Kanai, H. *see* Fujii, M. 59602
Kanai, H. *see* Harada, K. 11753
Kanai, H. *see* Hareyama, N. 49767
Kanai, H. *see* Kimura, M. 808
Kanai, H. *see* Mukaeda, S. 11775
Kanai, J. *see* Stubberud, P.A. 5249
Kanai, K., Grueter, R., Tsunoda, K., Saito, T., Esaki, H. Forward error correction control on AAL 5: FEC-SSCS 5716
Kanai, M., Ohkura, T., Ogata, S., Takei, T., Takakusagi, H. Studies in solder paste printability for 0.3 mm pitch QFP mount technology 10132
Kanai, M. *see* Ishikawa, N. 38655
Kanai, M. *see* Shibata, Y. 10860
Kanai, T. *see* Kato, R. 18014
Kanai, T. *see* Oyama, Y. 41017
Kanai, Y., Mura, T., Odano, N., Sugasawa, S. Optimal selections for shielding materials by using fuzzy linear programming 28461
Kanai, Y., Shimada, T., Sekigawa, K., Nishi, M., Ishihara, Y., Mori, J., Akutagawa, S., Takahashi, K., Miyauchi, T. Parallel photomask pattern data conversion and verification system 22653
Kanai, Y., Tsukamoto, T., Saitoh, Y., Miyakawa, M., Kashiwa, T. Analysis of a hyperthermic treatment using a reentrant resonant cavity applicator for a heterogeneous model with blood flow 49770
Kanai, Y. *see* Fukunaga, H. 3122
Kanai, Y. *see* Fukunaga, H. 3139
Kanakia, H., Mishra, P.P. Packet video transport in ATM networks with single-bit feedback 16369
Kanal, E., Shellock, F.G., Lewin, J.S. Aneurysm clip testing for ferromagnetic properties: clip variability issues 8011
Kanal, L. *see* Gupta, N. 57162
Kanal, L. *see* Raghavan, S. 60031
Kanal, L.N. *see* Gelsema, E.S. *(editor)* 51961
Kanamaluru, S., Ming-Yi Li, Kai Chang Millimeter wave aperture coupled microstrip patch antenna arrays fed by dielectric image line 56220
Kanamaluru, S., Ming-Yi Li, Shyh-Jong Chung, Chang, K. Analysis of slot antenna with dielectric overlay fed by dielectric image line 34479
Kanamaluru, S. *see* Ming-Yi Li 34468
Kanamaluru, S. *see* Shyh-Jong Chung 34427
Kanamaru, T. *see* Wu, Z. 5256
Kanamaru, T. *see* Wu, Z. 56873
Kanamori, A. *see* Yamada, M. 23915
Kanamori, C., Kajitani, M., Masuda, T. A coordinate measuring method using laser plane scanners. II. 2-D measurement 58996
Kanamori, H. *see* Asai, Y. 28165
Kanamori, H. *see* Kuhara, Y. 58275
Kanamori, H. *see* Kuhara, Y. 58392
Kanamori, H. *see* Onishi, M. 16692
Kanamori, H. *see* Takigawa, A. 28166
Kanamori, M., Sugiura, H., Inagaki, N., Kikuma, N. Higher order mode 3D corner reflector antenna with various apex angles 56127
Kanamori, M. *see* Ono, F. 31502
Kanamori, N. *see* Nishioka, T. 17638
Kanamori, T. *see* Katayose, H. 58585
Kanamori, T. *see* Mori, A. 44382
Kanamori, T. *see* Morioka, T. 26826
Kanamori, T. *see* Nishida, Y. 33422
Kanamori, T. *see* Sakaguchi, T. 27924
Kanamori, T. *see* Yamada, M. 33423
Kanamori, T. *see* Yamada, M. 55524
Kanamoto, K. *see* Abe, H. 22263
Kanamoto, T. *see* Saeki, I. 33733
Kan'an, A.M., Li-Kam-Wa, P., Mitra-Dutta, Pamulapati, J. Integrated optical waveguide devices achieved by the disordering of multiple quantum wells 12429
Kan'an, A.M., LiKamWa, P., Mitra-Dutta, Pamulapati, J. 1.7-ps consecutive switching in an integrated multiple-quantum-well Y-junction optical switch 16697
Kan'an, A.M. *see* LiKamWa, P. 54222
Kanani, N. *see* Xin Yao 35531
Kanao, H. *see* Shibuki, S. 40613
Kanao, Y. *see* Ishii, M. 11972
Kanaoka, M. *see* Kaminaga, K. 38373
Kanaoka, M. *see* Kaminaga, K. 43557
Kanaoka, M. *see* Kaminaga, K. 60393
Kanaoka, Y., Fukuoka, T., Sumita, J., Shimokado, S. Study on wireless LAN for utility application 60240
Kanapitsas, A. *see* Pissis, P. 43521
Kanareykin, A.D. *see* Gai, W. 59147
Kanashiro, A.G., Burani, G.F. Leakage current monitoring of insulators exposed to marine and industrial pollution 8931
Kanasugi, A. *see* Morisue, M. 41088
Kanasugi, H., Moro, S., Mori, S. Van der Pol oscillators coupled by piecewise-linear negative resistor–asynchronous oscillations by self-modulation effect 1164
Kanat, I. *see* Breiki, G. 37931
Kanata, Y. *see* Maeda, Y. 52456
Kanatani, K. Comments on "Symmetry as a Continuous Feature" 46311
Kanatani, K. *see* Kanazawa, Y. 35217
Kanatas, A.G., Kountouris, I.D., Kostaras, G.B., Constantinou, P. A UTD propagation model in urban microcellular environments 34073
Kanatas, A.G. *see* Papadakis, N. 26623
Kanatsu, T. *see* Shimizu, T. 36806
Kanatsugu, Y. *see* Ishigure, Y. 17608
Kanatsugu, Y. *see* Nakasu, E. 17035
Kanauchi, S. *see* Mineta, T. 27925
Kanavin, A.P. *see* Belenov, E.M. 14294
Kanavin, A.P. *see* Gureev, D.M. 39762
Kanavin, A.P. *see* Isakov, V.A. 14404
Kanaya, M. *see* Takahashi, J. 2096
Kanaya, T. *see* Nozu, M. 39829
Kanayama, H. *see* Hamasaki, T. 11540
Kanayama, K. *see* Nakamura, Y. 35822
Kanayama, M. *see* Ishii, T. 9423
Kanayama, N., Kaneko, M., Tsuji, T. Vision based artificial active antenna–basic principle and experimental verification 4339
Kanayama, N., Kaneko, M., Tsuji, T. A new sensing scheme for 3D active antenna 27473
Kanayama, N., Kaneko, M., Tsuji, T. Vision based active antenna–basic considerations on two-points detecting method 36678
Kanayama, S., Kuhara, S., Satoh, K. In vivo rapid magnetic field measurement and shimming using single scan differential phase mapping 7993
Kanayama, T. *see* Tada, T. 42588
Kanazawa, A. *see* Shuke, K. 17076
Kanazawa, I. *see* Lee, K.H. 7752
Kanazawa, K. Pumping slot design for KEKB LER 49071
Kanazawa, K., Kubo, M., Niki, N., Satoh, H., Ohmatsu, H., Eguchi, K., Moriyama, N. Computer aided screening system for lung cancer based on helical CT images 18384
Kanazawa, K. *see* Jin-Ki Kim 1402
Kanazawa, K. *see* Jin-Ki Kim 53294
Kanazawa, M., Tsuruoka, M. Low V_F SBD using new barrier metal [for SMPS] 60850
Kanazawa, M. *see* Kato, Y. 43314
Kanazawa, M. *see* Usami, K. 11253
Kanazawa, M. *see* Watanabe, T. 37036
Kanazawa, S., Ohkubo, T., Nomoto, Y., Adachi, T., Chang, J.-S. Simultaneous measurements of wire electrode surface contamination and corona discharge characteristics in an air-cleaning electrostatic precipitator 33838
Kanazawa, S. *see* Kobayashi, K. 37531
Kanazawa, S. *see* Tomabechi, N. 21751
Kanazawa, Y., Kanatani, K. Statistical inference by stereo vision: geometric information criterion 35217
Kanazawa, Y. *see* Satoh, T. 51875
Kanbara, H., Fujiwara, S., Tanaka, K., Nasu, H., Hirao, K. Third-order nonlinear optical properties of chalcogenide glasses 44628
Kanbara, H. *see* Sugimoto, N. 4025
Kanbe, H. *see* Shibuya, M. 29362
Kanbe, N. *see* Ohta, M. 46585
Kancleris, Z. *see* Dagys, M. 27864
Kanda, A., Ishibashi, K., Aoyagi, Y., Sugano, T. Transport properties of superconducting SET transistor with a loop 13510
Kanda, A., Nakagawa, T., Hirota, T., Okazaki, H., Nakamae, M. An MMIC V-band phase-locked oscillator using a GaAs MMIC sampling phase detector 53687
Kanda, A. *see* Hirai, T. 43352
Kanda, A. *see* Hori, A. 43295
Kanda, A. *see* Segawa, M. 43025
Kanda, A. *see* Uehara, T. 2803
Kanda, H., Mason, R.C., Okabe, C., Smith, J.D., Velasquez, R. Buried resistors and capacitors for multilayer hybrids 12001
Kanda, H. *see* Andreyev, A.V. 40302
Kanda, H. *see* Kiflawi, I. 42364
Kanda, H. *see* Sawamura, S. 34817
Kanda, I., Suzuki, T., Kojima, K. Influence of crucible and crystal rotation on oxygen-concentration distribution in large-diameter silicon single crystals 10644
Kanda, K. *see* Himeno, T. 53281
Kanda, K. *see* Jin-Ki Kim 1402
Kanda, K. *see* Jin-Ki Kim 53294
Kanda, M. *see* DeLyser, R.R. 4294
Kanda, M. *see* Holloway, C.L. 34112
Kanda, N. *see* Koinuma, H. 52609
Kanda, S. *see* Araki, K. 6783
Kanda, T., Hourai, M., Miki, S., Shigematsu, T., Tomokage, H., Miyano, T., Morita, H., Shintani,

A. Influence of melt-temperature fluctuations on striation formation in large-scale Czochralski Si growth systems 10643
Kanda, T., Hourai, M., Miyano, T., Tomokage, H. Growth striations formed by long periodic temperature fluctuations in large-scale Czochralski Si crystals 40295
Kanda, T., Kusano, K.-I., Tomokage, H. Comparison of dopant and oxygen striations at the same point in Czochralski silicon crystals 30687
Kanda, T. *see* Miyano, T. 10609
Kanda, Y. *see* Yoshida, K. 55303
Kandarakis, I., Cavouras, D., Panayiotakis, G., Nomicos, C. Comparative evaluation of signal and noise transfer characteristics (MTF, DQE) of Y_2O_2S:Tb and Y_2O_2S:Eu medical image receptors 28290
Kandarakis, I. *see* Cavouras, D. 8027
Kandarakis, I. *see* Cavouras, D. 28276
Kandel, A. *see* Friedman, M. 52471
Kandianis, T., Kladas, A.G., Manias, S.N., Tegopoulos, J.A. Electrical vehicle drive control based on finite element induction motor model 51754
Kandidov, A.V. *see* Zhimov, V.V. 53963
Kandidov, A.V. *see* Zhirnov, V.V. 53951
Kandidov, V.P., Kondrat'ev, A.V. Collective modes of laser arrays in Talbot cavities of various geometries 55748
Kandidov, V.P. *see* Brodeur, A. 55555
Kandikattu, V. *see* Parkerson, J.P. 53877
Kandil, K.M. *see* Kotkata, M.F. 21343
Kandil, K.M. *see* Kotkata, M.F. 22288
Kandil, M.S. *see* El-Kateb, M.M. 60196
Kandler, T. *see* Stohlker, Th. 7727
Kandlur, D. *see* Rekhter, Y. 46647
Kando, M. *see* Dewa, H. 37141
Kandpal, T.C. *see* Kumar, S. 9567
Kandpal, T.Chandra *see* Chandra Kandpal, T.
Kane, B.J., Cutkosky, M.R., Kovacs, G.T.A. CMOS-compatible traction stress sensor for use in high-resolution tactile imaging 17258
Kane, B.J. *see* Wiet, S.P. 28150
Kane, C., Plesko, J., Aksenov, Y., Berler, Z., Blokhintsev, I., Golubev, A., Rashkes, V. Effects and evaluation of partial discharges and traditional tests on shop reconditioned stator windings 60674
Kane, C.F. *see* Shmulovich, J. 33321
Kane, D.M. *see* Shore, K.A. 23943
Kane, H. *see* Halamandaris, B. 48377
Kane, J. *see* Bender, M. 6348
Kane, J. *see* Evans, D.R. 55410
Kane, J. *see* Hudson, D. 41197
Kane, J. *see* Sey-Shing Sun 55438
Kane, J.W. *see* Rigby, G.P. 27707
Kane, M.G. Nonequilibrium carrier-carrier scattering in two-dimensional carrier systems 22412
Kane, N. *see* Liptrot, E. 36966
Kane, N.F. Restructuring manufacturing process flows 20825
Kane, P. *see* Coulthard, J. 38586
Kane, P. *see* Coulthard, J. 50775
Kane, S., Braun, A., Norris, T. Compensation of SPM-induced pulse distortions in chirped-pulse amplification systems 3953
Kane, S., Squier, J., Yakovlev, V.V., Barty, C.P.J. Chirped-pulse amplification with a fiber stretcher and a grism compressor 3944
Kane, S. *see* Hariharan, A. 3726
Kane, S. *see* Schlichting, W. 43918
Kane, S. *see* Wagner, R. 3803
Kane, T.J. *see* Rouse, G. 59916
Kane, W.F., Cohen, S.A., Hummel, J.P., Luther, B., Beach, D.B. Use of SiBN and SiBON films prepared by plasma enhanced chemical vapor deposition from borazine as interconnection dielectrics 40586
Kane, W.F. *see* Neumayer, D.A. 52798
Kane-Esrig, Y. *see* Stevenson, S. 26320
Kanecko, M., Jialin Tian Concurrent cell generation and mapping for CMOS logic circuits 40802
Kaneda, H. *see* Ohsaki, H. 60968
Kaneda, K. *see* Kitayama, K. 36096
Kaneda, K. *see* Kitayama, K. 57951
Kaneda, K. *see* Kuribayashi, T. 4194
Kaneda, K. *see* Yamashita, H. 40273
Kaneda, M. *see* Sugasawa, F. 29867
Kaneda, N. *see* Ohuchi, Y. 40366
Kaneda, O. *see* Sone, T. 27663
Kaneda, S., Kurokawa, H., Aoki, K. An arbiter construction method to detect meta-stable operation 41093
Kaneda, T. *see* Godard, R. 60065
Kaneda, T. *see* Kamahara, J. 6335
Kaneda, Y. Experimental study on the error in acoustic impulse response measurement using M-sequence 17872
Kaneda, Y. Tribology of metal-evaporated tape for high-density magnetic recording 43692
Kaneda, Y., Kubota, S. Continuous wave 355-nm all solid-state laser 14027
Kaneda, Y. *see* Itoh, K. 9169
Kanefsky, M., Tang, B.-S. Interference crosstalk in orthogonal communication techniques caused by PLL jitter 34526
Kanefsky, M. *see* Zahir, S.S. 35352
Kanegami, M., Hozumi, N., Suzuki, H., Okamoto, T. Waveform analysis of partial discharge current in liquid nitrogen immersed insulation 32634
Kanegami, M., Hozumi, N., Suzuki, H., Okamoto, T. Waveform analysis of partial discharge current in liquid nitrogen immersed insulation 54882
Kanehara, F., Satoh, S., Hamada, T. Flexible image retrieval system reflecting user's diverse query requests based on primitive extraction 25322
Kanehara, T. *see* Koiwa, I. 2913
Kanehara, T. *see* Koiwa, I. 22186
Kanehara, T. *see* Koiwa, I. 36826
Kanehara, T. *see* Ono, S. 52746
Kanehiro, F. *see* Inaba, M. 36674
Kanehiro, M. *see* Yoshida, K. 60808
Kaneita, A., Kawasaki, W., Takano, T. Multimedia data transfer system using in-car LAN 61315
Kanekiyo, H. *see* Hinomura, T. 43634
Kanekiyo, H. *see* Hirosawa, S. 32813
Kaneko, A.J. *see* Krasilnikov, A.V. 49352
Kaneko, E. *see* Binnendijk, M. 29475
Kaneko, E. *see* Endo, A. 44607
Kaneko, E. *see* Endo, F. 13949
Kaneko, E. *see* Shioiri, T. 22122
Kaneko, E. *see* Watanabe, K. 29464
Kaneko, E. *see* Watanabe, K. 29477
Kaneko, F. *see* Kato, K. 2885
Kaneko, F. *see* Kurasawa, M. 10783
Kaneko, H. *see* Nakajima, M. 9428
Kaneko, H. *see* Okada, S. 37024
Kaneko, H. *see* Yamada, H. 10862
Kaneko, J., Katagiri, M. Diamond radiation detector using a synthetic IIa type mono-crystal 37294
Kaneko, J., Katagiri, M., Ikeda, Y., Ara, K., Iguchi, T., Nakazawa, M. A directional neutron detector based on a recoil proton telescope for neutron emission profile monitor 37465
Kaneko, K., Ohyama, R. An online expert system on insulation diagnosis of XLPE cables and its method of predicting the insulation deterioration 60396
Kaneko, K. *see* Mori, H. 36683
Kaneko, K. *see* Ohyama, R. 36974
Kaneko, M. Recent and current research on very low bit-rate video coding in Japan 5254
Kaneko, M., Goi, T., Tanaka, M., Kawasaki, S. A 3×3 strong coupling quasi-optical array with the stable in-phase mode by dielectric resonators 56197
Kaneko, M., Nagashima, T. Game logic and its applications. I 414
Kaneko, M., Nakajima, M. Research on Animation Spreadsheet on production of computer animation 17056
Kaneko, M., Tsuji, T. Ultrasonic motor with the capability of adjustable self-locking torque 51054
Kaneko, M., Tsunokawa, T., Hirota, T., Onoda, M. A study of the number of tracks required for the reconfiguration of mesh-connected processor-element networks 32493
Kaneko, M. *see* Cheong, C. 25703
Kaneko, M. *see* Fujii, T. 15454
Kaneko, M. *see* Fukuda, O. 28388
Kaneko, M. *see* Kanayama, N. 4339
Kaneko, M. *see* Kanayama, N. 27473
Kaneko, M. *see* Kanayama, N. 36678
Kaneko, M. *see* Kano, S. 35541
Kaneko, M. *see* Naemura, T. 15457
Kaneko, M. *see* Naemura, T. 56638
Kaneko, M. *see* Naito, Y. 34816
Kaneko, M. *see* Ohzeki, K. 5261
Kaneko, M. *see* Ohzeki, K. 57508
Kaneko, M. *see* Okumiya, K. 15823
Kaneko, M. *see* Resende, F.G.V., Jr. 45763
Kaneko, M. *see* Takai, T. 24347
Kaneko, M. *see* Ueda, Y. 46101
Kaneko, M. *see* Ueda, Y. 57282
Kaneko, M. *see* Yanagisawa, T. 15659
Kaneko, N. *see* Matsuse, K. 29741
Kaneko, O. *see* Kuroda, T. 37176
Kaneko, O. *see* Tsumori, K. 37061
Kaneko, R., Umemura, S., Hirano, M., Andoh, Y., Miyamoto, T., Fukui, S. Recent progress in microtribology 23363
Kaneko, R. *see* Kurisu, M. 26417
Kaneko, R. *see* Matsui, H. 23590
Kaneko, S. Image quality for TFT-LCDs 27787
Kaneko, S., Adachi, A., Yamashita, J., Watanabe, H. A compensation method for dispersion-induced third-order intermodulation distortion using an etalon 16785
Kaneko, S., Aramaki, S., Arai, K., Yanagisawa, K. Multi-freedom micro manipulator with SMA plate 32582
Kaneko, S., Naka, T., Adan, A.O., Kagisawa, A. An advanced 0.35 μm shallow SIMOX/CMOS technology for low-power, high-speed applications 43262
Kaneko, S., Okumura, F. Development of low temperature poly-Si TFT technology 36807
Kaneko, S. *see* Adan, A.O. 22815
Kaneko, S. *see* Adan, A.O. 22970
Kaneko, S. *see* Adan, A.O. 43318
Kaneko, S. *see* Hanatani, S. 26810
Kaneko, S. *see* Murakami, K. 2947
Kaneko, S. *see* Mutoh, N. 39325
Kaneko, S. *see* Suzuki, H. 816
Kaneko, T., Akimoto, Y. Development of rules for printed wiring board design applicable to EMC and transmission characteristics 31584
Kaneko, T., Jung, S. A method of dynamic encryption for computer data 56267
Kaneko, T., Yamamoto, A., Idogaki, T., Hattori, T. Dynamic focusing lens for expanding depth of focus of optical microscope 23631
Kaneko, T. *see* Fukumoto, Y. 13483
Kaneko, T. *see* Ikeda, K. 34577
Kaneko, T. *see* Kato, T. 55151
Kaneko, T. *see* Miki, S. 34576
Kaneko, T. *see* Mutoh, S. 1450
Kaneko, T. *see* Nakayama, H. 28874
Kaneko, T. *see* Ogawa, Y. 16142
Kaneko, T. *see* Sano, Y. 22004
Kaneko, T. *see* Takeda, T. 46083
Kaneko, T. *see* Wakamatsu, S. 45211
Kaneko, T. *see* Yu, H.A. 3604
Kaneko, T. *see* Yu, H.A. 29629
Kaneko, W. *see* Hada, H. 36805
Kaneko, Y., Kawasaki, H., Aikawa, M., Minai, M., Mizusawa, T. DL1540/1540L personal digital oscilloscope 27767
Kaneko, Y., Yamada, N., Takeuchi, T., Yamaoka, Y., Amano, H., Akasaki, I. Melt-back etching of GaN 32222
Kaneko, Y. *see* Kishimoto, T. 35878
Kaneko, Y. *see* Pan, W. 44556
Kanel, H.von *see* von Kanel, H.
Kaneliopoulos, D.N., Tziaros, K.G., Koubias, S.A., Papadopoulos, G.D. Transmission channel utilization resulted by the incorporation of a CAC algorithm in the ATM model of the OPNET simulation tool 35410
Kanellopoulos, D.N., Papadopoulos, G.D., Koubias, S.A. C-MACSE. A new connection establishment protocol for multimedia communications residing at the OSI application layer adopting a comprehensive QoS approach 26352
Kanellopoulos, D.N., Papadopoulos, G.D., Koubias, S.A. A novel ACSE protocol with comprehensive QoS support for multimedia communications in Chorus 46774
Kanellopoulos, I. *see* Bernard, A.C. 57073
Kanellopoulos, J. A resonance technique for the calculation of guided modes in nonlinear optics (Planar and cylindrical geometry) 44651
Kanellopoulos, J.D., Ventouras, S. Analysis of the interference due to differential rain attenuation induced by an adjacent path on a dual-site diversity Earth-space system 16655
Kanellopoulos, S.E. *see* Ezbiri, A. 48638
Kanellopoulos, S.E. *see* Feced, R. 23513
Kanemaru, S., Hirano, T., Tanoue, H., Itoh, J. Control of emission currents from silicon field emitter arrays using a built-in MOSFET 41754
Kanemaru, S. *see* Gamo, H. 31695
Kanemaru, S. *see* Hirano, T. 1914
Kanemaru, S. *see* Hirano, T. 31700
Kanemaru, S. *see* Hirano, T. 41784
Kanemaru, S. *see* Py, C. 31703
Kanemaru, S. *see* Uemura, K. 31698
Kanemaru, S. *see* Yamaoka, Y. 31697
Kanematsu, S. *see* Miwa, H. 22950
Kanemitsu, H., Miyakoshi, N., Shimbo, M. Definitions of unimodal and multimodal functions by the use of local minimal value set and their properties 10373
Kanemitsu, H., Shimbo, M. Two methods for finding local and global maxima of a multimodal function of one variable based on the concept of a unimodal region 504
Kanemitsu, Y. Light-emitting silicon materials 33288
Kanemitsu, Y. *see* Watanabe, K. 36920
Kanemoto, K. *see* Nakada, A. 32157
Kanemoto, S. *see* Satoh, K. 60483
Kanemoto, Y. *see* Hanaizumi, H. 46382
Kaneshige, T. Waiting for the Telecommunications Act to deliver 5905
Kaneshiro, M. *see* Jun Ma 13148
Kaneshiro, R. *see* Tan, T.S. 27568
Kanetaka, I. *see* Kawamoto, S. 28775
Kanetaka, I. *see* Kawamoto, S. 38268
Kanetani, K. *see* Ohhata, K. 21566
Kanetani, T. *see* Noda, T. 24452
Kanetkar, V.R., Dubey, G.K. Current-controlled boost-type single-phase voltage source converters for bidirectional power flow 51135
Kanetkar, V.R., Dubey, G.K. Series equivalence/operation of current-controlled boost-type single-phase voltage source converters for bidirectional power flow 51136
Kanev, Z. *see* Aziz, E. 7677
Kanevskii, Ya.M. Ensuring stability of 6-10 kV current-limiting reactors under faults 50643
Kanevsky, A. *see* Abu-Amara, H. 26176
Kanevsky, M. *see* Karaev, V. 50071
Kanevsky, M.B., Karaev, V.Yu. The microwave radar signal Doppler spectrum and the problem of ocean surface slicks detection 8481
Kanevsky, M.B., Karaev, V.Yu. On the retrieval of the ocean wave spectrum from the SAR image 16865
Kaneyama, C. *see* Hamamoto, Y. 46092
Kaneyama, F., Yamada, M., Ehara, H., Yamada, H. 2.4 GHz clock recovery module 11545
Kaneyama, F. *see* Yamada, H. 26428
Kaneyuki, K., Nishimura, S., Anzai, K., Kobayashi, M., Koyama, M., Kimpara, Y. Drive control technology for electric vehicles 9677
Kaneyuki, K. *see* Aulchenko, V.M. 37247
Kaneyuki, K. *see* Ohshima, Y. 18083

Kang, B.-I., Lee, K.-B. A hierarchical placement method for building block layout design 43226
Kang, B.K., Milburn, J.E. Scaling law for diffused magnetic field in an eddy current passive copper septum magnet 33855
Kang, C. *see* Wee, K. 45142
Kang, C.E. *see* Kwon, S.L. 6484
Kang, C.E. *see* Yoon, S.H. 45592
Kang, C.E. *see* You, Y.H. 6495
Kang, C.E. *see* You, Y.H. 47687
Kang, C.S., Hwang, C.S., Cho, H.-J., Lee, B.T., Park, S.O., Kim, J.W., Horii, H., Lee, S.I., Koh, Y.B., Lee, M.Y. Preparation and electrical properties of $SrTiO_3$ thin films deposited by liquid source metal-organic chemical vapor deposition (MOCVD) 2905
Kang, C.S. *see* Mun, J.H. 29045
Kang, D. *see* Thackeray, J. 32286
Kang, D.H. *see* Lee, J.-W. 32859
Kang, D.H. *see* Lee, J.-W. 43682
Kang, H.-S. *see* Bae, Y.-H. 42298
Kang, H.-Y. *see* Choi, Y.-S. 2489
Kang, H.-Y. *see* Kim, H.-J. 22639
Kang, H.-Y. *see* Kim, Y.-B. 1384
Kang, H.-Y. *see* Lim, S.-C. 2462
Kang, H.B. *see* Kim, D.W. 34717
Kang, H.J. *see* Kurokawa, A. 22578
Kang, H.K. *see* Kim, S.E. 41173
Kang, H.K. *see* Shibkov, A. 12722
Kang, H.K. *see* Sim, S.P. 41168
Kang, H.S. *see* Kang, W.S. 27642
Kang, H.Y., Lee, J.H., Cha, D.H., Moon, S.Y., Koh, Y.B. Fabrication of small contact with novel mask design 2495
Kang, I., Willson, A.N., Jr. A low-power state-sequential Viterbi decoder for CDMA digital cellular applications 6652
Kang, I.S. *see* Oh, H.J. 10664
Kang, J. Speech intelligibility improvement for multiple loudspeakers by increasing loudspeaker directionality architecturally 45656
Kang, J., Nemoto, Y., Echigo, H., Ohnuma, K., Sato, R. Characteristics of change rate of rain attenuation at Ku-band in satellite channel 47862
Kang, J.H. *see* Kim, J.M. 58930
Kang, J.U., Hamilton, C.J., Aitchison, J.S., Stegeman, G.I. Spatial soliton robustness against spatially anisotropic phase perturbations 44653
Kang, J.U., Stegeman, G.I., Aitchison, J.S. Demonstration of all-optical switching based on spatial soliton dragging 14331
Kang, J.U. *see* Aitchison, J.S. 33720
Kang, J.U. *see* Stegeman, G.I. 33697
Kang, K. *see* Jiang, G.Z. 56126
Kang, K.H., Kim, B.D., Jung, T.H., Yoon, T.-H., Kim, J.C., Kim, G.-J. Fabrication of a Fe:$LiNbO_3$ optical switch array using the photorefractive effect 6863
Kang, K.H. *see* Chang, J.W. 47656
Kang, K.H. *see* Lee, D.J. 47655
Kang, K.S. *see* Chang, S.H. 60499
Kang, L. *see* Jin, B.B. 11698
Kang, M., Dai, W.W.-M. General floorplanning with L-shaped, T-shaped and soft blocks based on bounded slicing grid structure 40805
Kang, M.-G., Park, H.-H., Suh, K.-S., Lee, J.-L. Pretreatment of GaAs (001) for sulfur passivation with $(NH_4)_2S_x$ 42438
Kang, M.-K., Matsui, T., Kuwano, H. Recrystallization behaviour and electrical properties of germanium ion implanted polycrystalline silicon films 12180
Kang, M.G. *see* You, Y.H. 6495
Kang, M.H., Moskowitz, I.S., Montrose, B.E., Parsonese, J.J. A case study of two NRL Pump prototypes 26107
Kang, N.S. *see* Lee, D.H. 2809
Kang, P. *see* Singhal, M. 32477
Kang, S. *see* Kang, Y.S. 21643
Kang, S.-Y., Chuang, K., Lee, Y.C. Random change of vibration modes in thermosonic bonding 12022
Kang, S.C. *see* Ko, J.H. 45054
Kang, S.C. *see* Kwon, S.L. 6484
Kang, S.G. *see* Chang, S.H. 29560
Kang, S.H., Genin, F.Y., Kim, C., Morris, J.W., Jr. Further investigations of the microstructural mechanism of electromigration failure in Al-Cu lines with quasi-bamboo microstructures 42779
Kang, S.H., Oh, C., Sung, D.K. A traffic measurement-based modeling of superposed ATM cell streams 57611
Kang, S.H. *see* Kang, Y.C. 38416
Kang, S.K. *see* Shaw, J.M. 10229
Kang, S.M. *see* Dharchoudhury, A. 54816
Kang, S.M. *see* Ramaswamy, S. 21598
Kang, S.S., Jin, G.J., Xu, X.N., Hu, A., Zhai, H.R., Jiang, S.S., Chen, Y., Zhu, W.R., Dong, G.S., Zhou, S.M., Jin, X., Feng, J.W. Optical and magneto-optical properties of Co(001)/Ge/Co sandwiches 13413
Kang, S.S. *see* Butterbaugh, M.A. 30334
Kang, S.W. *see* Baek, J.T. 2456
Kang, S.W. *see* Baek, J.T. 32092
Kang, T.W. *see* Han, M.S. 2026
Kang, T.W. *see* Han, M.S. 42369
Kang, T.W. *see* Han, M.S. 54097
Kang, T.W. *see* Hou, Y.B. 32113
Kang, W. *see* Stormer, H.L. 12470
Kang, W.P., Davidson, J.L., George, M.A., Milosavljevic, I., Li, Q., Xu, J.F., Kerns, D.V. Physical characterization of diamond pyramidal microtip emitters 53964
Kang, W.P., Davidson, J.L., Li, Q., Xu, J.F., Kinser, D.L., Kerns, D.V. A novel low-field electron-emission polycrystalline diamond microtip array for sensor applications 13175
Kang, W.P. *see* Gurbuz, Y. 27729
Kang, W.P. *see* Gurbuz, Y. 36780
Kang, W.S., Kang, H.S., Jeong, R.S., Lee, K.S., Jang, H.M. An interferometric optical fiber electric field sensor with a fiber-optic electrostrictive transducer 27642
Kang, X. *see* Chu, C.M. 37038
Kang, Y. *see* Huang, T.S. 5255
Kang, Y.C., Park, J.K., Kang, S.H., Johns, A.T., Aggarwal, R.K. An algorithm for compensating secondary currents of current transformers 38416
Kang, Y.C., Suhara, M., Furuya, K., Gault, M., Takemura, R. Undoped spacer layer effects on the evaluation of the coherent length in GaInAs/InP resonant tunneling diodes 13045
Kang, Y.J. *see* Kyung, C.M. 41259
Kang, Y.L. *see* Cordes, R.A. 7295
Kang, Y.L. *see* Cordes, R.A. 7318
Kang, Y.S., Kang, S. A path-delay fault test generator for standard scan design environments 21643
Kang, Y.W. *see* Henke, H. 49122
Kang Bok-Moon *see* Bok-Moon Kang
Kang Bong-Koo *see* Bong-Koo Kang
Kang Bub-Joo *see* Bub-Joo Kang
Kang Byeong-Gwon *see* Byeong-Gwon Kang
Kang Byoung Yong *see* Byoung Yong Kang
Kang Byoung-Sun *see* Byoung-Sun Kang
Kang Chang Eon *see* Jae Hee Cho 3203
Kang Chang-Eon *see* Chang-Eon Kang
Kang Chang-Suk *see* Chang-Suk Kang
Kang Chen, Dezhong Liu, Lihua Nie, Shouzhuo Yao Behaviour of surface acoustic wave interdigitated array electrode sensor in non-aqueous solution and determination of blood plasma recalcification time 7452
Kang Cheng *see* Yinn-Nien Huang 24482
Kang Cheoul-Shin *see* Cheoul-Shin Kang
Kang Dae-Im *see* Dae-Im Kang
Kang Dae-Soon *see* Dae-Soon Kang
Kang Dong Heon *see* Dong Heon Kang
Kang Dong Jung *see* Dong Jung Kang
Kang Dong-Guy *see* Dong-Guy Kang
Kang Dong-Soon *see* Dong-Soon Kang
Kang Gang, Zu Xili, Wang Changqing, Xu Chenghe EM dosimetry analysis of the monopole handset on human body model 37920
Kang Hang-Bong *see* Hang-Bong Kang
Kang Hee-Dong *see* Hee-Dong Kang
Kang Ho Kyu *see* Ho Kyu Kang
Kang Ho-Young *see* Ho-Young Kang
Kang Hong Goo *see* Hong Goo Kang
Kang Hui, Luo Jiangtao, Guan Chi, Zhan Yuanling, Zhai Hongchen The implementation of PS and FPS interconnection networks using a four-focus holographic lens 4131
Kang Hui, Xu Jian, Zhan Yuanling, Zhang Tiequn Optical wavelet transform with photorefractive holographic matched filtering 4148
Kang Hyun Chul *see* Hyun Chul Kang
Kang Hyun Shik *see* Hyun Shik Kang
Kang Hyun-Soo *see* Hyun-Soo Kang
Kang In *see* In Kang
Kang Jin-Seob *see* Jin-Seob Kang
Kang Jinfeng, Han Ruqi, Wang Yangyuan Analysis of propagation characteristics of high-T_c superconduction interconnects for VLSI packing 19272
Kang Jinfeng *see* Jinfeng Kang
Kang Jiyang *see* Jiyang Kang
Kang Junyong *see* Junyong Kang
Kang Kai *see* Kai Kang
Kang Kejun, Wang Shi, Wang Jingjin Parallel processing system for fast 3D-CT image reconstruction by circular shifting float memory 4928
Kang Ki Hyung *see* Ki Hyung Kang
Kang Koohong *see* Koohong Kang
Kang Kyeng-Yong *see* Kyeng-Yong Kang
Kang Kyung *see* Kyung Kang
Kang Li *see* Shaomin Wang 44621
Kang Li Chi *see* Chi Kang Li
Kang Lin *see* Jin Biaobing 55146
Kang Moon Gi *see* Moon Gi Kang
Kang Moon-Ho *see* Moon-Ho Kang
Kang Myeongho *see* Myeongho Kang
Kang Myung-Ju *see* Myung-Ju Kang
Kang Myung-Seok *see* Myung-Seok Kang
Kang Nam Lyong *see* Nam Lyong Kang
Kang Oh-Young *see* Oh-Young Kang
Kang Ryoung Park *see* Byung Hwan Jun 57174
Kang Sa Yoon *see* Sa Yoon Kang
Kang Sang Won *see* Sang Won Kang
Kang Sang-Gee *see* Sang-Gee Kang
Kang Sang-Hee *see* Sang-Hee Kang
Kang Seek-Ho *see* Seek-Ho Kang
Kang Seog-Joo *see* Seog-Joo Kang
Kang Seok Youl *see* Seok Youl Kang
Kang Seok-Youl *see* Seok-Youl Kang
Kang Seung Goo *see* Seung Goo Kang
Kang Seung Youl *see* Seung Youl Kang
Kang Seungoo *see* Haksoo Han 58391
Kang Shin *see* Shaikh, A. 57669
Kang Siong Ng *see* Ng Kang Siong
Kang Suk *see* Suk Kang
Kang Sun-Koo *see* Sun-Koo Kang
Kang Sung Soo *see* Sung Soo Kang
Kang Sung Weon *see* Sung Weon Kang
Kang Sung-Mo *see* Sung-Mo Kang
Kang Sungho *see* Sungho Kang
Kang Sunmoo *see* Sunmoo Kang
Kang Tae Won *see* Tae Won Kang
Kang Tae-Eun *see* Tae-Eun Kang
Kang Tae-Ho *see* Tae-Ho Kang
Kang Tae-Won *see* Tae-Won Kang
Kang Taesam *see* Taesam Kang
Kang Uk-Song *see* Uk-Song Kang
Kang Ung Taek *see* Ung Taek Kang
Kang Weng Lock *see* Weng Lock Kang
Kang Woo-Tag *see* Woo-Tag Kang
Kang Xiaohu *see* Zhang Shudan 53617
Kang Yi, Chu-Shik Jhon A new FPGA technology mapping approach by cluster merging 11150
Kang Yi, Chu-Shik Jhon An FPGA technology mapping approach based on node merging 11371
Kang Yi *see* Zhou Xianlin 19591
Kang Yi-Kug *see* Yi-Kug Kang
Kang Yong Hoon *see* Yong Hoon Kang
Kang Yong Seok *see* Yong Seok Kang
Kang Yong-Cheol *see* Yong-Cheol Kang
Kang Yong-Seok *see* Yong-Seok Kang
Kang Young Bong *see* Young Bong Kang
Kang Young Min *see* Young Min Kang
Kang Young-Seog *see* Young-Seog Kang
Kang Zhiwei *see* Hong Xianlong 52984
Kang-Cheng Lin, Si-Chen Lee Angle position detection based on amorphous silicon four quadrant orientation detector 17508
Kang-Deog Suh *see* Jin-Ki Kim 1402
Kang-Deog Suh *see* Jin-Ki Kim 53294
Kang-Deog Suh *see* Tae-Sung Jung 1329
Kang-Deog Suh *see* Young-Joon Choi 1403
Kang-Hyun Jo, Kuno, Y., Shirai, Y. Vision-based human interface system with world-fixed and human-centered frames 56827
Kang-Jin Kim *see* Ji-Eun Lim 41853
Kang-Min Chung *see* Kuk-Tae Hong 53446
Kang-Ngee Chia *see* Villasenor, J. 25485
Kang-Ning Lou, Cheng-Jen Lin An intelligent sensor fusion system for tool monitoring on a machining center 24959
Kang-Ping Lin, Chang, W.H. A technique for automated arrythmia detection of Holter ECG 59657
Kang-Ping Lin, Sung-Cheng Huang, Dan-Chu Yu, Melega, W., Barrio, J.R., Phelps, M.E. Automated image registration for FDOPA PET studies 18329
Kang-Sik Park *see* Duck-Chool Lee 54964
Kang-Sik Yoon, Young Kuk Ham, Rae-Hong Park Frontal view face recognition using the hidden Markov model and neural networks 46176
Kang-Soo Kim *see* Tae-Wan Kim 50751
Kang-Yoon Lee *see* Jei-Hwan Yoo 1335
Kang-Young Kim *see* Jin-Ki Kim 1402
Kang-Young Kim *see* Jin-Ki Kim 53294
Kangbin Yim *see* Sangjoong Kim 46303
Kangro, U., Nicolaides, R. Spurious fields in time-domain computations of scattering problems 33917
Kangyuan Zhou *see* Zhou Kangyuan
Kangyuel Ryu *see* Hyuntae Kim 58992
Kani, Y. *see* Imoro, A.I. 45359
Kania, D. *see* Bauer, C. 37326
Kania, D. *see* Bauer, C. 37378
Kania, D.R., Gaines, D.P., Sweeney, D.S., Sommargren, G.E., La Fontaine, B., Vernon, S.P., Tichenor, D.A., Bjorkholm, J.E., Zernike, F., Kestner, R.N. Precision optical aspheres for extreme ultraviolet lithography 22664
Kania, J. Industrial-military displays 17701
Kania, P. *see* Francz, G. 1993
Kaniava, A. *see* Gaubas, E. 41858
Kanicki, J. *see* Chun-Sung Chiang 12943
Kanicki, J. *see* Chun-Ying Chen 2691
Kanicki, J. *see* Chun-Ying Chen 12945
Kanicki, J. *see* Je-Hsiung Lan 17686
Kanicki, J. *see* Je-Hsiung Lan 54412
Kanicki, J. *see* Li, T. 12952
Kanicki, J. *see* Warren, W.L. 13205
Kanie, H. *see* Araki, H. 36827
Kanie, T., Kimura, A., Katayama, M., Shibata, M., Takada, H. SR photoelectron spectroscopy system for process evaluation 59357
Kanie, T. *see* Katayama, M. 59356
Kaniewska, M., Reginski, K., Barcz, A., Kasjaniuk, S., Katcki, J. Formation of nonalloyed Al ohmic contacts to p-type GaAs by MBE 690
Kaniewska, M., Reginski, K., Muszalski, J., Krynska, D., Litkowiec, A., Bugajski, M. Device applications of AlGaAs/GaAs quantum well semiconductor structures grown by MBE 3816
Kaniewska, M., Reginski, K., Muszalski, J., Krynska, D., Litkowiec, A., Kaniewski, J., Wesolowski, M., Bugajski, M. Low threshold room temperature AlGaAs/GaAs GRIN SCH SQW lasers grown by MBE 14118
Kaniewska, M. *see* Bugajski, M. 12400
Kaniewska, M. *see* Klima, K. 691
Kaniewska, M. *see* Misiewicz, J. 2134
Kaniewska, M. *see* Sek, G. 54215
Kaniewski, J. *see* Kaniewska, M. 14118
Kanizar, W.L., Liu, D., Moon, K.S., Sutherland, J.W. A magnetostrictive actuator based micropositioner and its application in turning 20277
Kanjamala, A.P., Levi, A. Automatic mapping of RF subcarrier to lasing optical wavelength 26723

Kanjamala, A.P., Levi, A.F.J. Wavelength switching using multicavity semiconductor laser diodes 3812
Kanjamala, A.P., Levi, A.F.J. Transient response of wavelength switching in multicavity mode-locked laser diodes 14116
Kanjilal, D. *see* Arulkumaran, S. 2303
Kanjilal, P.P., Palit, S., Saha, G. Fetal ECG extraction from single-channel maternal ECG using singular value decomposition 18467
Kanjilal, P.P., Saha, G. Fetal ECG extraction from single channel maternal ECG using SVD and SVR spectrum 59659
Kankam, D., Rauch, J.S. Transient and steady-state performance of Space Power Research Engine with resistive/motor loads 18733
Kankam, D.M. *see* Rubaai, A. 39272
Kankam, M.D. *see* Bose, B.K. 29779
Kankam, M.D. *see* Bose, B.K. 51750
Kankam, M.D. *see* Elbuluk, M. 29716
Kankam, M.D. *see* Elbuluk, M.E. 8269
Kanke, M. *see* Maruki, T. 17200
Kanke, S. *see* Cho, T. 37568
Kanmuri, M. *see* Nakakita, E. 38070
Kanna, O. *see* Yamashita, K. 38719
Kanna, O. *see* Yamashita, K. 38720
Kannagaratnam, P. *see* Chakrabarti, S. 8337
Kannan, B. *see* Geria, M. 57907
Kannan, R., Guangxing Li Sampling according to the multivariate normal density 438
Kannan, R. *see* Bartos, R. 5865
Kannan, S. *see* Sudaroli, P.V. 48179
Kannari, F., Matsumoto, N., Ina, E., Fujii, T. Deposition of copper-phthalocyanine thin films by laser ablation and its application for an organic electroluminescence device 21362
Kannari, F. *see* Suzuki, H. 3762
Kannari, F. *see* Takasago, K. 33601
Kanner, A.M., Jones, J.C. When do sphenoidal electrodes yield additional data to that obtained with antero-temporal electrodes? 59637
Kanniappan, P., Pandian, P. On generalized convex functions in optimization theory–a survey 21086
Kanno, I., Fujii, S., Kamada, T., Takayama, R. Piezoelectric properties of c-axis oriented $Pb(Zr,Ti)O_3$ thin films 43481
Kanno, I. *see* Ardekani, B.A. 8006
Kanno, I. *see* Eberl, S. 37632
Kanno, I. *see* Nishio, K. 37467
Kanno, I. *see* Ohgi, T. 17070
Kanno, K. *see* Sooda, K.-I. 32389
Kanno, M., Okabe, H. X-Y stage based on piezo-bimorph-elements 55003
Kanno, S., Shimodaira, H. Voiced sound detection under nonstationary and heavy noisy environment using the prediction error of low-frequency spectrum 24870
Kanno, T., Mohri, K., Bushida, K.-i. C-MOS multivibrator type micro magnetic sensor using amorphous wire magneto-impedance (MI) head 27525
Kanno, T. *see* Bushida, K. 7534
Kanno, T. *see* Wada, H. 58846
Kanno, Y. Step-down three-phase PWM converter 60847
Kanno, Y. *see* Ito, Y. 60845
Kanno, Y. *see* Ito, Y. 60861
Kanno, Y. *see* Kaya, K. 32683
Kano, H., Kanade, T. A stereo method with arbitrary positioned cameras and stereo camera calibration 15467
Kano, H., van der Voort, H.T.M., Schrader, M., van Kempen, G.M.P., Hell, S.W. Avalanche photodiode detection with object scanning and image restoration provides 2-4 fold resolution increase in two-photon fluorescence microscopy 27582
Kano, H. *see* Negoro, Y. 43725
Kano, H. *see* Sugawara, N. 48840
Kano, K. *see* Takeuchi, Y. 22542
Kano, S., Ito, N., Kaneko, M. Enabling more diverse forms of interconnection: local exchange interconnection that will eliminate local network bottlenecks 35541
Kano, T. *see* Kobayashi, F. 839
Kano, Y. *see* Tsuchiya, Y. 48246
Kanodia, A., Hardie, R.C., Johnson, R.O. Band selection and performance analysis for multispectral target detectors using truthed Bomem spectrometer data 4978
Kanoh, K. *see* Chujo, T. 37284
Kanoria, M. *see* Mandal, B.N. 40244
Kanou, M. *see* Nakamura, K. 35071
Kanou, N., Horio, Y. Design of current-mode transiently chaotic neural networks for traveling salesman problem 53493
Kanoun, K. *see* Kaaniche, M. 5927
Kanoza, S. *see* Kasprowicz, A.B. 9610
Kansakoski, M. *see* Kemppainen-Kajola, P. 17798
Kansara, M. *see* Szabo, A. 19874
Kanskar, M., Paddon, P., Pacradouni, V., Morin, R., Busch, A., Young, J.F., Johnson, S.R., Mackenzie, J., Tiedje, T. Observation of leaky slab modes in an air-bridged semiconductor waveguide with a two-dimensional photonic lattice 43997
Kanskar, M. *see* Morin, R. 23985
Kanskar, M. *see* Pacradouni, V. 3409
Kanski, J. *see* He, Z.Q. 2121
Kanski, J. *see* Peto, G. 30747
Kant, L., Sanders, W.H. Loss process analysis of the knockout switch using stochastic activity networks 46640
Kant, R., Barez, F. The writing process in magneto-optical recording 3491
Kant, R.A., Nagel, D.J. Characteristics and performance of MEMS accelerometers 17317
Kantartzis, N.V., Tsiboukis, T.D. A comparative study of the Berenger perfectly matched layer, the superabsorption technique and several higher-order ABC's for the FDTD algorithm in two and three dimensional problems 45070
Kantartzis, N.V. *see* Theodoulidis, T.P. 44947
Kanter, M. *see* Pokryvailo, A. 51629
Kanthamanon, P. *see* King-Yin Cheung, T. 41074
Kantner, E. *see* Salkind, A.J. 61053
Kantor, A. *see* Beitia, A.O. 37698
Kantor, C. *see* Daly, J.J. 18497
Kantor, R. *see* Pistora, J. 3188
Kantor, Y. *see* Jones, C.A. 48852
Kantser, V. *see* Nikorich, A. 54129
Kantser, V.G. *see* Beshlin, V.S. 48481
Kantser, V.G. *see* Dyntu, M.P. 49676
Kantserov, Yu.V. *see* Akimov, V.A. 28024
Kanu, R.C., Shaw, M.T. Studies of ER fluids featuring rodlike particles 970
Kany, F. *see* Hartmann, J.M. 755
Kany, F. *see* Stifter, D. 54224
Kanzaki, J. *see* Ishii, K. 49323
Kanzaki, J. *see* Kajino, F. 37402
Kanzaki, M. *see* Abe, S. 28594
Kanzawa, T. *see* Mizuguchi, T. 16209
Kanzawa, Y., Fujii, M., Hayashi, S., Yamamoto, K. Preparation and Raman study of B-doped Si microcrystals 30939
Kanzow, C. A new approach to continuation methods for complementarity problems with uniform P-functions 40077
Kao, C.F. *see* Chen, Y.F. 14060
Kao, D., Archer, N.P. Abstraction in conceptual model design 20792
Kao, F.J. *see* Huang, S.L. 23835
Kao, M. *see* Buckley, E. 12077
Kao, S.P. *see* Chang, S.K. 8722
Kao, W.H. A new block-based design methodology and CAD toolset for mixed signal ASIC design 53455
Kao, Y.-C. *see* Celii, F.G. 12348
Kao, Y.-C. *see* Grundbacher, R. 43129
Kao, Y.-C.A., Atkins, R.G. A finite difference-time domain approach for frequency selective surfaces at oblique incidence 33995
Kao, Y.-H., Goltser, I.V., Jiang, M., Islam, M.N., Raybon, G. Gain dispersion induced sub-picosecond pulse breakup in a fiber and semiconductor laser amplifier combined system 23883
Kao, Y.-H. *see* Lin, H.-T. 17089
Kao, Y.C., Lin, G.C.I. CAD/CAM collaboration and remote machining 16350
Kao, Y.C. *see* Klimeck, G. 54579
Kao, Y.C. *see* Lake, R. 2737
Kao, Y.C. *see* Murti, M.R. 53585
Kao, Y.C. *see* van der Wagt, J.P. 1422
Kao, Y.H. *see* Butty, J. 2022
Kao De-Yu *see* De-Yu Kao
Kao Fu-Chien *see* Fu-Chien Kao
Kao Jen *see* Jen Kao
Kao Jiann-Shiun *see* Jiann-Shiun Kao
Kao Ming-Yih *see* Ming-Yih Kao
Kao Shang-Juh *see* Shang-Juh Kao
Kao Tai-Wu *see* Tai-Wu Kao
Kao Tsair *see* Tsair Kao
Kao Wen-Shiow, Lee Ching-Yin, Lung Ren-Kuang, Lu Tai-Gen Frequency dependence characteristics of household appliance loads 51878
Kao Yao-Huang *see* Yao-Huang Kao
Kao Yuan-Liang *see* Yuan-Liang Kao
Kao-Shiang Liao *see* Yih-Shing Lee 2741
Kaouk, Z., Khebir, A., Savard, P. Numerical model of microwave ablation of the myocardium 59782
Kap Park In *see* In Kap Park
Kap-Jung Kim *see* Dong-Won Kim 54891
Kapadia, P., Dowden, J. Some electrical effects in the keyhole plasma in deep penetration cw CO_2 laser welding 4173
Kapadia, P. *see* Dowden, J. 4172
Kapaev, V.V., Kopaeva, Y.V. Momentum dependence of the dimensionality of the electronic states in heterostructures 54200
Kapat, J.S., Agrawal, A.K., Yang, T. Air extraction in a gas turbine for integrated gasification combined cycle (IGCC): experiments and analysis 50794
Kapchinsky, M.I. *see* Yudin, L.A. 59110
Kapetanakos, C.A. A technique for generating potent positron beams 49279
Kapetanovic, D. *see* Glavinic, V. 35679
Kapetanovic, Z. Design and traffic systems 10020
Kapetanovic, Z. *see* Pribic, S. 10000
Kapica, J. Photovoltaic systems and their applications 29160
Kapila, D. *see* Vasanth, K. 43029
Kapilevich, B. Understand the operation of channelized active filters 41314
Kapin, V., Noda, A., Iwashita, Y., Inoue, M. Multiple-beam RFQ structure with a matrix-array of beamlets 49181
Kapin, V. *see* Dewa, H. 37141
Kapitaniak, T. *see* Anishchenko, V.S. 21466
Kapitonov, A.M. *see* Germanenko, I.N. 14505
Kapitonova, L.M. *see* Averkiev, N.S. 12516
Kapitonova, L.M. *see* Averkiev, N.S. 32098
Kapka, S. A new universal method of controlling a q-pulse thyristor converter 9385
Kapl, G., Papousek, W. Reflectance and transmittance of electromagnetic waves for multilayered uniaxial-anisotropic media 56024
Kaplan, A. *see* Liedl, G. 3224
Kaplan, A.E., Keshav, S., Schryer, N.L., Venutolo, J.H. An Internet accessible telepresence 57777
Kaplan, A.E., Straub, S.F., Shkolnikov, P.L. Electromagnetic bubble generation by half-cycle pulses 56067
Kaplan, A.T. *see* Maiti, A. 22212
Kaplan, B.-Z., Paperno, E., Frumkis, L. The duality that relates magnetic noise to electric shot noise 3253
Kaplan, B.Z., Guetta, D. Switching mode limit-cycle resonant oscillator as a relaxation oscillator 1185
Kaplan, B.Z., Sarafian, G. RC-electromechanically variable L resonator: the chaotic shaver 21841
Kaplan, D. *see* Hadar, O. 5512
Kaplan, D. *see* Unno, Y. 37395
Kaplan, D.L. Bioengineering materials–insights into smart materials designs 961
Kaplan, D.L. *see* Alva, K.S. 7439
Kaplan, D.M. High-impact charm physics at the turn of the millennium 18138
Kaplan, D.T. *see* Pilgram, B. 37781
Kaplan, D.T. *see* Witkowski, F.X. 59376
Kaplan, G. Industrial electronics [technology analysis and forecast] 29902
Kaplan, G.I. *see* Rosenfeld, A.B. 28465
Kaplan, I.D. *see* Holupka, E.J. 28158
Kaplan, L., Rusman, I., Boxman, R.L., Goldsmith, S., Nathan, M., Ben-Jacob, E. STM and XPS study of filtered vacuum arc deposited Sn-O films 41991
Kaplan, M.S. *see* Pollard, K.R. 49488
Kaplan, R. Frequency-resolved photocurrent studies of a-Se 44202
Kaplan, R. *see* Grun, J. 42360
Kaplan, S.B. *see* Feld, D.A. 11302
Kaplan, W. *see* Mouroux, A. 42690
Kaplan, W.D. *see* Lyakas, M. 42061
Kaplan, Z. *see* Aden, T.C. 38182
Kaplin, V. *see* Badura, E. 37241
Kaplinsky, M.B., Li, J., McCaffrey, N.J., Hou, E.S.H., Kosonocky, W.F. Progress on the development of multi-wavelength imaging pyrometer 17496
Kaplon, J. *see* Anghinolfi, F. 59312
Kaplon, J. *see* Beringer, J. 37394
Kaplon, J. *see* Weilhammer, P. 37429
Kaplunenko, V. *see* Tarasov, M. 55121
Kaplunenko, V. *see* Vystavkin, A. 32927
Kapogiannopoulos, G.S., Papadakis, M. Character recognition using a biorthogonal discrete wavelet transform 25601
Kapolnek, D., Underwood, R.D., Keller, B.P., Keller, S., Denbaars, S.P., Mishra, U.K. Selective area epitaxy of GaN for electron field emission devices 40452
Kapolnek, D. *see* Brazel, E.G. 22255
Kapolnek, D. *see* Keller, S. 40454
Kapolnek, D. *see* Sink, R.K. 24006
Kapolnek, D. *see* Underwood, R.D. 1912
Kapolnek, D. *see* Underwood, R.D. 31692
Kapolnek, D. *see* Wu, Y.-F. 2724
Kapolnek, D. *see* Wu, Y.-F. 32074
Kapon, E. Low-dimensional nanostructures for integrated optoelectronics applications 33318
Kapon, E. *see* Biasiol, G. 737
Kapon, E. *see* Biasiol, G. 40484
Kapon, E. *see* Dwir, B. 40434
Kapon, E. *see* Ils, P. 44580
Kapon, E. *see* Pier, H. 33549
Kapon, E. *see* Reinhardt, F. 2118
Kapon, E. *see* Reinhardt, F. 52653
Kapoor, A. *see* Birla, N. 24079
Kapoor, A. *see* Chen, J.C. 43242
Kapoor, A. *see* Gupta, M. 44036
Kapoor, A. *see* Prasad, S. 42604
Kapoor, A. *see* Singh, S. 13643
Kapoor, B. *see* Nachtergaele, L. 35065
Kapoor, R., Nandhakumar, N. Features for detecting obscured objects in ultra-wideband (UWB) SAR imagery using a phenomenological approach 5239
Kapoor, S. Sub-cellular technique for finite-difference time-domain method 52587
Kapoor, S. *see* Gollamudi, S. 57605
Kapoor, S.C. *see* Shore, N.L. 8866
Kapor, R. *see* Muskatirovic, J. 29133
Kapoulas, S.D. *see* Hall, P.S. 47830
Kapp Schwoerer, D. *see* Jacob, T. 11903
Kapp-Schwoerer, D. *see* Jacob, T. 41637
Kappe, F. *see* Hoffmann, D. 16731
Kappel, W., Burzo, E., Pop, V. Magnetic properties of $Nd_2Fe_{14-x}M_xC$ compounds 3109
Kappeler, C. Matched filter reconstruction from tomographic projections 28207
Kappelt, M., Bimberg, D. Wet chemical etching of high quality V-grooves with {111} A sidewalls on (001) InP 2398
Kappelt, M., Tuerck, V., Grundmann, M., Cerva, H., Bimberg, D. Low pressure metal-organic chemical vapor deposition of InP/InAlAs/InGaAs quantum wires 40652

Kappelt, M., Turck, V., Grundmann, M., Cerva, H., Bimberg, D. InP/InA/As/InGaAs quantum wires 52612
Kappes, A. *see* Beringer, J. 37394
Kappler, C. Are evolutionary algorithms improved by large mutations? 10381
Kappner, T. *see* Herrtwich, R.G. 57851
Kappra, K. *see* Happ, L. 8670
Kappus, M.E. *see* Aldrich, W.S. 15778
Kapralov, S. *see* Boukliev, I. 24739
Kapron, H., Michalski, M. The forecast to the role of the Lublin Wrotkow heating power plant in the local energy market 19584
Kaprzyk, S. Spin density in real and momentum space in multi-atom alloys by KKR-CPA method 43618
Kapsalis, A., Rayward-Smith, V.J., Smith, G.D. Using genetic algorithms to solve the radio link frequency assignment problem 36305
Kapsch, P.-P. *see* Diestelhorst, M. 43491
Kapser, K. *see* Cabanski, W. 17501
Kapteyn, C.M.A. *see* den Hartog, S.G. 13504
Kapteyn, H.C. *see* Backus, S. 33663
Kapteyn, H.C. *see* Rundquist, A. 4030
Kapteyn, H.C. *see* Taft, G. 55588
Kapur, K.C. *see* Brunelle, R.D. 52353
Kapur, K.C. *see* Kai Yang 52357
Kapur, K.N., Constable, J.H., Wu, K.R., Prasanna, R., Engel, P.A. Multi-axis stiffness measurements on surface mounted fine pitch leads 30322
Kapur, R. *see* Williams, T.W. 32550
Kapur, S., Long, D.E., Roychowdhury, J. Efficient time-domain simulation of frequency-dependent elements 11123
Kapur, T. *see* Carlbom, I. 18200
Kapur, V.K. *see* Basol, B.M. 37974
Kapuro, A.P. *see* Tkantchenko, P.A. 58549
Kapusta, C. ^{139}La NMR study of $RE_2Fe_{14}B$ compounds (RE=La,Nd,Y) 3126
Kapusta, C., Lord, J.S., Riedi, P.C. NMR study of the Sm_2Fe_{17} hydrides 3251
Kapusta, M. *see* Moszynski, M. 33251
Kapustin, V., Podolsky, D., Mestcherjakov, V. Arc penetration to the arc chute and arc chute plates erosion 19907
Kapustin, V. *see* Podolsky, D. 11834
Kapustinsky, J. *see* Smith, R.S. 59336
Kapustinsky, J.S. *see* Britton, C.L., Jr. 59321
Kapustjanenko, G.G., Pignasty, S.S., Shevjakin, S.N. The theoretical analysis of a magnetic flux generator 38810
Kar, A. *see* Sengupta, D.K. 48666
Kar, A.K. *see* Changhai Wang 43905
Kar, A.K. *see* Kasiviswanathan, S. 41993
Kar, A.K. *see* Matsuda, H. 55836
Kar, J., Shukla, R., Bhattacharyya, B. A method to determine the frequency performance and noise margin of various interconnect technologies 203
Kar, S. Experimental studies on a modified resonant-cap microwave IMPATT amplifier with improved performance 53622
Kar, T., Mal, J., Choudhary, R.N.P. Structural and dielectric properties of complex PLZT ceramics 30977
Kara, A. *see* Buyukaksoy, A. 4226
Kara, M. Calculation of the radiation patterns of rectangular microstrip antenna elements with various substrate thicknesses 14719
Kara, M. An efficient technique for the computation of the input resistance of rectangular microstrip antenna elements with thick substrates 24557
Kara, M. Empirical formulas for the computation of the physical properties of rectangular microstrip antenna elements with thick substrates 34268
Kara, S. *see* Guler, I. 7932
Kara, S. *see* Yuksel, E.M. 37763
Kara Mehmet *see* Mehmet Kara
Karaballi, A.A. *see* Sallam, S. 10438
Karabanov, S.M. *see* Alyoshkin, R.V. 33237
Karabanova, L.V. *see* Bezrodnyi, V.I. 23638
Karabed, R. *see* Ashley, J.J. 24703
Karabernou, M. *see* Demigny, D. 56994
Karabetsos, E. *see* Aggelopoulos, E.G. 36502
Karaboga, N. *see* Horrocks, D.H. 25184
Karaboulas, D. *see* Katsenos, J. 26585
Karaboulas, D.G. *see* Karagiannidis, G.K. 26586
Karabun, P. *see* Makisimovich, N. 37614
Karabutov, A.A. *see* Arnold, W. 11009
Karabutov, A.V., Konov, V.I., Pimenov, S.M., Frolov, V.D., Obraztsova, E.D., Polyakov, V.I., Rossukanyi, N.M. Peculiarities of field electron emission from CVD diamond films 53922
Karaca, H. Equivalent circuit for class D half-bridge amplifiers 53044
Karacaoglu, U. *see* Robertson, I.D. 21902
Karachinov, V.A. Charge instability effects in the system silicon carbide-insulator 42320
Karachinov, V.A. *see* Bazhenov, O.G. 39459
Karacuha, E. Determination of the orientation of cylindrical bodies buried in a slab from the scattering data 45094
Karady, G.G., Rayappa, A.V., Muralidhar, M., Ruff, D.L. A new method for pre-contamination and testing of nonceramic insulators 8930
Karady, G.G. *see* Frix, W.M. 34111
Karady, G.G. *see* Harmon, R.W. 50613
Karady, G.G. *see* Ranaweera, D.K. 8841
Karadza, E. *see* Simon, S. 37881
Karadzinov, L.V., Arsov, G.L., Dzekov, T.A., Jefferies, D.J. Charge-control piecewise-linear bipolar junction transistor model 2603
Karaev, V., Kanevsky, M. Determination of the near ocean surface wind speed by altimeter data: the first results 50071
Karaev, V.Yu. *see* Kanevsky, M.B. 8481
Karaev, V.Yu. *see* Kanevsky, M.B. 16865
Karafyllidis, I. *see* Danikas, M.G. 13263
Karafyllidis, I. *see* Danikas, M.G. 54892
Karageorghis, A., Stylianopoulos, N.S., Zachariades, H.A. A numerical conformal mapping method for harmonic mixed boundary value problems 10544
Karageorgos, A., Karatza, H. Performance issues of task routing and task scheduling with resequencing in homogeneous distributed systems 57849
Karagiannidis, G.K., Georgopoulos, C.J., Kotsopoulos, S.A., Karaboulas, D.G., Doukas, A.G. A new mathematical method for the exact evaluation of the conditional cochannel interference probability in cellular mobile radio systems 26586
Karagiannis, E. *see* Asinovsky, L. 21332
Karagiannis, F.E. Thermodynamic analysis and comparison of different techniques used in cogeneration plants 19534
Karagounis, V. *see* Nogaret, E. 19648
Karajalainen, M. A binaural auditory model for sound quality measurements and spatial hearing studies 15250
Karakasoglu, A., Abbott, J.F., Douglas, S.C. A low-cost multichannel active noise control system for personal quietude 4907
Karaki, K. *see* Ogasawara, T. 4941
Karaki, K. *see* Sasaki, H. 55932
Karaki, S. *see* Yamazaki, T. 9449
Karaki Doy, T. *see* Ohmori, H. 13013
Karakoulas, G.J. The SIGMA project: market-based agents for intelligent information access 26139
Karam, G., Paxal, V., Moeneclaey, M. Lock detectors for timing recovery 4781
Karam, G. *see* De Passoz, G. 47412
Karam, J.M., Courtois, B. From the MEMS idea to the MEMS product: CAD and foundries 23060
Karam, J.M. *see* Courtois, B. 13186
Karam, J.M. *see* Courtois, B. 52126
Karam, J.M. *see* Szekely, V. 54733
Karam, K.Z. *see* Allen, C.R. 48216
Karam, L. Design of complex multi-dimensional FIR filters by transformation 56454
Karam, L.J., McClellan, J.H. Design of optimal digital FIR filters with arbitrary magnitude and phase responses 1586
Karam, L.J., McClellan, J.H. Efficient design of families of FIR filters by transformation 15357
Karam, L.J., McClellan, J.H. Efficient design of digital filters for 2-D and 3-D depth migration 50037
Karam, M.A. Molecular optics approach to electromagnetic wave interactions with stratified media 4237
Karam, M.A., Stogryn, A. On the exclusionary volume around dyadic Green's function singularity 33791
Karam, N.H., Sudharsanan, R., Parodos, T., Dodd, M.A. Growth and characterization of InTlSb for IR-detectors 699
Karam, N.H. *see* Sudharsanan, R. 7914
Karam, N.H. *see* Wojtczuk, S. 37973
Karam, R.A. *see* Newby, P.G. 8119
Karaman, A. *see* Breiki, G. 37931
Karaman, F.S. Building a multimedia Web site by using JAVA and JAVA applets 47068
Karaman, M. Ultrasonic array imaging based on spatial interpolation 56975
Karaman, M. *see* Bilge, H.S. 49575
Karamarkovic, J.P., Jankovic, N.D. Novel approximative analytical expressions for minority-carrier transit time including recombination 32349
Karamete, B.K., Akay, H.U., Tokdemir, T., Ger, M. A simple unstructured tetrahedral mesh generation algorithm for complex geometries 10577
Karamfilov, B. *see* Vitanov, P. 30768
Karaminas, P.D., Manikas, A. Beamforming-type base station power control for personal communication networks 6527
Karampatzakis, T. *see* Efstratiadis, S.N. 15631
Karampetakis, N.P., Mahmood, S., Pugh, A.C., Hayton, G.E. A characterisation of admissibility of the initial conditions of non-regular AR-representations 40026
Karamysher, V.A. *see* Brazhkin, B.S. 17212
Karamzin, Yu.N. *see* Zakharova, I.G. 4060
Karan, M., McMichael, D.W. A multisensor single target tracking simulator: MUST 25241
Karandashev, S.A. *see* Zotova, N.V. 44465
Karandikar, A., Berchowitz, D. Low cost small cryocoolers for commercial applications 51872
Karandikar, A., Rao, K., Chatterjee, P.K. Optimal blocked random access algorithm for CDMA-random access systems 16063
Karandikar, H.M. A concept for a tool for the design of printed circuit boards and assemblies with minimal environmental impact 1772
Karandikar, S.C. *see* Sabharwal, S.C. 37263
Karanicolas, A.N. A 2.7-V 900-MHz CMOS LNA and mixer 11734
Karapetyan, R.V., Fedorov, V.B. Harmonics emission during forced oscillation of atomic electron under strong laser field action 14345
Karas', V.I., Belova, N.G. High-current ion beam acceleration and stability in two accelerating cusps of induction linac 27996
Karas', V.I., Fainberg, Ya.B., Levchenko, V.D., Sigov, Yu.S. Formation by ions the plasma channel at propagation of the finite sequence of relativistic electron bunches (REB) in underdense plasmas 27995
Karas', V.I. *see* Fainberg, Ya.B. 22153
Karasan, E., Ayanoglu, E. Effects of wavelength routing and selection algorithms on wavelength conversion gain in WDM optical networks 36160
Karasaridis, A., Simoncelli, E. A filter design technique for steerable pyramid image transforms 25444
Karasawa, H. *see* Sakai, K. 19932
Karasawa, J., Takaku, H., Fukami, T. Localized polarization in strontium titanate crystal 2936
Karasawa, K., Atarashi, Y., Iwata, M., Terada, H. Interactive transformation scheme of signal flow graphs into data-driven programs 40772
Karasawa, K., Chen, Z.-K., Sawa, K. Phenomenon of contact resistance increase in palladium material by mechanochemical reaction 22008
Karasawa, Y., Kuroda, T., Iwai, H. Analysis of cycle slip in clock recovery on frequency-selective Nakagami-Rice fading channels based on the equivalent transmission-path model 26513
Karasawa, Y., Kuroda, T., Iwai, H. The equivalent transmission-path model–a tool for analyzing error floor characteristics due to intersymbol interference in Nakagami-Rice fading environments 34074
Karasawa, Y., Kuroda, T., Iwai, H. Cycle slip in clock recovery on frequency-selective fading channels 47622
Karasawa, Y. *see* Inagaki, K. 6795
Karasawa, Y. *see* Inoue, T. 47638
Karasawa, Y. *see* Iwai, H. 58171
Karasawa, Y. *see* Ji, Y. 56195
Karasawa, Y. *see* Kimura, K. 6780
Karasawa, Y. *see* Kimura, K. 36063
Karasawa, Y. *see* Klouche-Djedid, A. 45726
Karasawa, Y. *see* Miura, R. 47805
Karasawa, Y. *see* Miyazaki, T. 6799
Karasawa, Y. *see* Miyazaki, T. 26867
Karasawa, Y. *see* Sekiguchi, T. 21814
Karasawa, Y. *see* Sekiguchi, T. 45444
Karasawa, Y. *see* Tanaka, T. 35983
Karasawa, Y. *see* Yu Ji 34442
Karasev, E.I. *see* Karutin, N.V. 47838
Karasev, G.G., Dikarev, B.N., Romanets, R.G. On spatial inhomogeneity of electric field in thin layer of dielectric liquid 43432
Karasev, G.G. *see* Romanets, R.G. 23099
Karasev, S.I. *see* Briksman, Ya.A. 20148
Karashokov, K.E. *see* Kazmiruk, V.V. 12076
Karashtin, A.N. *see* Hysell, D.L. 58449
Karasik, A.Y. *see* Basiev, T.T. 23829
Karasik, B.S., McGrath, W.R., Gaidis, M.C. Analysis of a high-T_c hot-electron superconducting mixer for terahertz applications 32956
Karasik, Y.B. On a planar representation of 3D figures commutative with respect to set and morphological operations 5424
Karaska, M. *see* Boudreau, E. 18947
Karasyuk, V.A. *see* Tran, C.A. 41960
Karatheodorou, K.A., Kaklamani, D.I., Uzunoglu, N.K. Analysis of thick wall aperture coupled stripline radiators 56124
Karatza, H. *see* Karageorgos, A. 57849
Karatzas, L. *see* Collins, C.E. 53635
Karaus, R. *see* Leonard, G. 17499
Karavaev, G.F. *see* Grinyaev, S.N. 22342
Karavanskii, V.A. *see* Belogorokhov, I. 44221
Karayannis, F. *see* Galis, A. 46927
Karayel, E.T., Hinson, D.P. Sub-Fresnel-scale vertical resolution in atmospheric profiles from radio occultation 56045
Karayianni, H.S., Patermarakis, G.S., Papaioannou, J.C. The electrical properties and quality factor of nickel electrodeposits 10940
Karayiannis, D., Tragoudas, S. ATPD: an automatic test pattern generator for path delay faults 41016
Karayiannis, N.B., Ravuri, M. An integrated approach to fuzzy learning vector quantization and fuzzy c-means clustering 14819
Karayiannis, N.B., Weigun Mi A methodology for constructing fuzzy algorithms for learning vector quantization 14818
Karayiannis, N.B. *see* Purushothaman, G. 15232
Karazhanov, S.Z., Leiderman, A.Yu. On the nature of bistability in hydrogenated amorphous silicon photocells 51568
Karbowiak, A.E. *see* Feng, J. 5774
Karbowiak, A.E. *see* Feng, J. 15657
Karcanias, N. *see* Mitrouli, M. 10455
Karcnik, T. *see* Bajd, T. 49757
Karczewsi, G. *see* Godlewski, M. 12436
Karczewski, G., Wojtowicz, T. Doping and characterization of wide-gap II-VI epilayers 12637
Karczewski, G. *see* Dietl, T. 2203
Karczewski, G. *see* Jaroszynski, J. 12438
Karczewski, G. *see* Kutrowski, M. 10723
Karczewski, G. *see* Mackh, G. 22369
Karczewski, G. *see* Nguyen The Khoi 12433
Karczewski, G. *see* Riesz, F. 12352
Karczewski, G. *see* Sawicki, M. 12434
Karczewski, G. *see* Skierbiszewski, C. 12252
Karczewski, G. *see* Szuszkiewicz, W. 12439
Karczewski, G. *see* Szuszkiewicz, W. 22242

Karczewski, G. *see* Takeyama, S. 22370
Kardauskas, M.J., Rosenblum, M.D., Mackintosh, B.H., Kalejs, J.P. The coming of age of a new PV wafer technology–some aspects of EFG polycrystalline silicon sheet manufacture 39087
Kardo-Sysoev, A.F. *see* Brylevsky, V.I. 51404
Kardo-Sysoev, A.F. *see* Efanov, V.M. 51402
Kardo-Sysyev, A.F. *see* Brylevsky, V.I. 51405
Kardos, M.B. *see* Yap, D. 58356
Kardouchi, M., Dipanda, A., Marzani, F., Legrand, L. A convex approximation of regularization models for motion estimation with Markov random fields 56737
Karduck, A.P., Geiser, A., Gutekunst, T. Multimedia technology in banking 16408
Kardynal, B., Barnes, C.H.W., Linfield, E.H., Ritchie, D.A., Nicholls, J.T., Brown, K.M., Jones, G.A.C., Pepper, M. Magnetotunneling spectroscopy of one-dimensional wires 42165
Kareenahalli, S. *see* Vusirikala, V. 3389
Kareev, Yu.A. *see* Glushkov, I.S. 33896
Karekar, R.N. *see* Ansari, S.G. 48738
Karellas, A. *see* Mardirossian, G. 7967
Karels, M.J. *see* McKusick, M.K. 6053
Karel'skii, V.G. *see* Belyaev, A.A. 23439
Karen Nan Miu *see* Jin-Cheng Wang 50555
Karen Nan Miu *see* Jin-Cheng Wang 50556
Karenlampi, M. *see* Jarventausta, P. 50549
Karenlampi, M. *see* Verho, P. 38258
Karetnikov, S.G., Naumenko, M.A. Combined satellite SAR and IR data application for a determination of skin effects on Lake Ladoga 27036
Karetta, F., Lindmayer, M. Simulation of the gasdynamic and electromagnetic processes in low voltage switching arcs 19906
Kareva, G.G. New properties created in metal-oxide-silicon structures by reducing their dimensional parameters to the nanometer range 54282
Karg, D., Hassler, C., Pensl, G., Schulz, M. Characterization of local shunts in multicrystalline silicon solar cells by p-n mesa structures 20041
Karg, D. *see* Voight, A. 20040
Karg, D. *see* Voigt, A. 39022
Karg, F. *see* Heske, C. 39080
Karg, F. *see* Rau, U. 39120
Karg, F. *see* Schmitt, M. 39100
Karg, P.E. *see* Brienza, D.M. 18556
Karg, S., Scott, J.C., Salem, J.R., Angelopoulos, M. Increased brightness and lifetime of polymer light-emitting diodes with polyaniline anodes 13875
Karg, S. *see* Carter, S.A. 55461
Karge, H. *see* Ehlert, A. 54022
Karger, D. *see* Arora, S. 30567
Karger, D.R., Stein, C. A new approach to the minimum cut problems 440
Kargi, H. *see* Kaygusuz, K. 60474
Kargin, Y. *see* Salikaev, Y. 13657
Kargin, Yu. *see* Shandaro, S. 24142
Kargl, P.B., Arnold, N., Bauerle, D. Bistabilities in pyrolytic laser-CVD of silicon and carbon 40583
Karhunen, J. *see* Pajunen, P. 34748
Kari, J. *see* Calzone, S. 35183
Kari, J. *see* Culik, K., II 35226
Kari, L. DNA computers, tomorrow's reality 31638
Karig, W. *see* Schicker, R. 18140
Karilainen, L. *see* Saxen, H. 25731
Karim, M.A. *see* Ahmed, F. 5205
Karim, M.A. *see* Ahmed, F. 15670
Karim, M.A. *see* Ahmed, F. 56669
Karim, M.A. *see* Alam, M.F. 3860
Karim, M.A. *see* Alam, M.F. 33567
Karim, M.A. *see* Dong-Xue Wang 58772
Karim, M.A. *see* Iftekharuddin, K.M. 15831
Karim, M.A. *see* Rahman, F. 5276
Karim, M.E.Abdel *see* Abdel Karim, M.E.
Karim, M.Z. *see* Levy, R.A. 42687
Karim, Z. *see* Grant, J.M. 22577
Karimi, H.R., Manikas, A. Manifold of a planar array and its effects on the accuracy of direction-finding systems 15148
Karimi, J., Blostein, S.D. Parabolic reflector array signal processing for improved rural area coverage in personal satellite communications 47857
Karimi, K. *see* Gholdston, E.W. 18714
Karimi, K.J. Modeling and analysis of aircraft power system harmonics 59959
Karimov, A.V., Edgorova, D.M. Radiation effect on physical phenomena in photosensitive structures 22329
Karimov, I. *see* Berman, L.S. 12587
Karimy, H., Tobin, E., Bricault, R., Cremins-Costa, A., Colter, P., Perry, D., Namavar, F. Low-temperature (<100°C) growth of AlN by ion beam assisted deposition 10889
Kariniotakis, G. *see* Nogaret, E. 19648
Kariniotakis, G.N., Stavrakakis, G.S., Nogaret, E.F. Wind power forecasting using advanced neural networks models 19652
Karino, I. *see* Fujino, N. 42433
Karino, I. *see* Fujino, N. 42486
Karino, I. *see* Yasutake, M. 338
Karino, S. *see* Hinamoto, T. 1604
Karino, S. *see* Hinamoto, T. 11597
Karis, J.P. *see* Keller, P.J. 18284
Karisch, S.E. *see* Gerstl, A. 51073
Kariuki, K.K., Allan, R.N. Factors affecting customer outage costs due to electric service interruptions 8810
Kariya, H. *see* Taki, K. 27433
Karjalainen, P.A., Kaipio, J.P., Koistinen, A.S. PCA based Bayesian estimation of single trial evoked potentials 59618
Karjalainen, P.A. *see* Ollikainen, J. 59706
Karjalainen, P.A. *see* Savolainen, T. 7161
Karjalainen, P.A. *see* Vauhkonen, M. 59607
Karkar, M.Taoufik *see* Taoufik Karkar, M.
Karkare, M., Chaudhari, A.S., Patil, P.B. Analysis of bent microstrip resonator using finite element method 34164
Karkashadze, D. *see* Jobava, R. 24349
Karkashadze, D. *see* Zaridze, R. 24336
Karkashadze, D.D. *see* Bogdanov, F.G. 45013
Karkashadze, D.D. *see* Jobava, R.G. 45079
Karkhanehchi, M.M., Hamilton, C.J., Marsh, J.H. Autocorrelation measurements of modelocked Nd:YLF laser pulses using two-photon absorption waveguide autocorrelator 55567
Karkhanehchi, M.M. *see* Zheng, Z. 48542
Karki, T. *see* Meretoja, A.-P. 59715
Karklin, L. *see* Kalk, F. 22686
Karl, R.R., Jr. *see* Moore, D.S. 8464
Karl, W.C. *see* Bhatia, M. 35300
Karl, W.C. *see* Fosgate, C.H. 27065
Karl, W.C. *see* Frakt, A.B. 57314
Karl, W.C. *see* Schneider, M.K. 25416
Karle, A., Mikolajski, T., Cichos, S., Hundertmark, S., Pandel, D., Spiering, C., Streicher, O., Thon, T., Wiebusch, C., Wischnewski, R. Analog optical transmission of fast photomultiplier pulses over distances of 2 km 6828
Karlecik-Maier, F. A new closed loop control method for HVDC transmission 8864
Karlholm, J., Westelius, C.-J., Westin, C.-F., Knutsson, H. Object tracking based on the orientation tensor concept 15732
Karlicek, R.F., Jr. *see* Constantine, C. 22593
Karligano, N. *see* Badihi, A. 308
Karlik, B. *see* Kocyigit, Y. 8165
Karlin, A.R. *see* Jamrozik, H.A. 5943
Karlina, L.B., Vozlovskii, V.V., Solov'ev, V.A., Shvarts, M.Z. The effects of irradiation on heteroepitaxial InP/InGaAs solar cells 39049
Karlina, O.K. *see* Golubtsov, I.V. 50225
Karliner, M.M., Mityanina, N.V., Persov, B.Z., Yakovlev, V.P. LHC beam screen design analysis 17956
Karlinsey, T.W. *see* Thompson, D.G. 8342
Karlitschek, P., Hillrichs, G. Active and passive Q-switching of a diode pumped Nd:KGW-laser 33430
Karlmann, P., Bard, S., Wu, J.J. Development of a periodic 10 K hydrogen sorption cryocooler [for space application] 51870
Karlof, J.K., Chang, Y.O. Optimal permutation codes for the Gaussian channel 24747
Karlov, V.A. *see* Drobakhin, O.O. 27873
Karlovsky, K. *see* Strbik, V. 43823
Karlquist, R.K. A 3 to 30 MHz high-resolution synthesizer consisting of a DDS, divide-and-mix modules, and a M/N synthesizer 11205
Karlsen, R. *see* Gerhart, G. 19017
Karlsen, R. *see* Gorsich, D. 26976
Karlsen, R. *see* Meitzler, T. 19018
Karlsen, R.E. *see* Gerhart, G.R. 8693
Karlsen, R.E. *see* Meitzler, T.J. 7426
Karlsen, S.R., Johnston, K.S., Yee, S.S., Jung, C.C. First-order surface plasmon resonance sensor system based on a planar light pipe 7312
Karlsson, A., Hoijer, M. VCLAD–vertical cavity laser amplifier detector: a new multifunctional device 23938
Karlsson, A. *see* Schiess, M. 16759
Karlsson, C. *see* Millnert, M. 7602
Karlsson, C. *see* Wang, S.M. 52729
Karlsson, C. *see* Wang, S.M. 54690
Karlsson, D. *see* Ju, P. 19058
Karlsson, D. *see* Lind, R. 19287
Karlsson, G. *see* Gustafsson, E. 46610
Karlsson, J., Heinegard, J. Interference rejection combining for GSM 47670
Karlsson, J. *see* Anderson, S. 35955
Karlsson, J. *see* Oskar van Deventer, M. 26820
Karlsson, J.M. Some preliminaries about the charging mechanism for ATM networks 35862
Karlsson, J.M. *see* Johansson, P. 35485
Karlsson, J.M. *see* Svensson, A. 5776
Karlsson, L. *see* Pak, S. 39452
Karlsson, M. *see* Berntson, A. 26804
Karlsson, M. *see* Collander, P. 16392
Karlsson, M. *see* Satherberg, A. 18516
Karlsson, M. *see* Satherberg, A. 18516
Karlsson, M. *see* Storck, K. 7864
Karlsson, M. *see* Taskinen, J. 18189
Karlsson, N., Axelsson, L. Object recognition by the use of a hand scanner and Fourier transform 34989
Karlsson, T. *see* Arvidsson, A. 25983
Karlsson, U.O. *see* He, Z.Q. 2121
Karlsteen, M. *see* Wahab, Q. 12879
Karmacharya, R.R., Irvine-Halliday, D. The passive optical fiber bus LAN based on four port full bi-directional couplers 16318
Karmakov, J. *see* Konova, A. 37314
Karmalkar, S. A new equivalent MOSFET representation of a HEMT to analytically model nonlinear charge control for simulation of HEMT devices and circuits 54685
Karmouch, A. *see* Kwan, W. 6314
Karmouch, A. *see* Obaid, A. 47384
Karmouch, A. *see* Wang, R. 47386
Karn, J. *see* Hovater, C. 49131
Karnaev, S.E. *see* Aulchenko, V.M. 37247
Karnalov, V. *see* Slobodchikov, E. 3783
Karnavar, M.G. *see* Vargheese, L. 18435
Karner, D.B. State of the art in electric race car power electronics 29844
Karner, H. *see* Schrijver, C. 32732
Karner, H.C. *see* Seifert, J.M. 23232
Karner, H.C. *see* Seifert, J.M. 43535
Karner, H.C. *see* Sentker, P. 9437
Karner, M. *see* Muller, J.-E. 41493
Karnett, M., Zhou, J., Ghosh, S., Echtle, D., Fritz, L., Manley, M., Scott, G. Plasma-induced oxide contamination in a 0.35 μm CMOS process 43311
Karnevi, S. *see* Souchail, J.L. 16939
Karnezos, M., Goetz, M., Dong, F., Ciaschi, A., Chidambaram, N. Flex tape ball grid array 242
Karni, Y. *see* Celata, C.M. 60027
Karnychev, V.I. *see* Tatarinov, V.N. 27015
Karode, S.L., Fusco, V.F. Retrodirective beam formation using switched amplifiers 14753
Karokawa, Y. *see* Wakamatsu, S. 45211
Karol, K. *see* Pancha, P. 35449
Karol, M. *see* Veeraraghavan, M. 47056
Karol, M.J., Liu, Z., Pancha, P. Implications of physical layer overhead on the design of multiaccess protocols 5833
Karol, M.J. *see* Ayanoglu, E. 47542
Karol, M.J. *see* Veeraraghavan, M. 26086
Karonen, A. *see* Alander, J.T. 37620
Karoubi, B., Zhu, Y.M., Gimenez, G., Bigiln, J. Detection of objects in RF ultrasonic images using 2-D spatial phase techniques 60125
Karoutsos, V., Pomoni, K., Vomvas, A., Sotiropoulos, J. Determination of the density of states distribution in the energy gap of a-Si:H 31873
Karp, J.S. *see* Pentlow, K.S. 7909
Karp, P. New challenges for the management of a clinical engineering department 18172
Karp, P. *see* Bojsen, J. 18173
Karp, R.M. *see* Etzioni, O. 6195
Karp, S. *see* Hauter, A. 6896
Karp, S. *see* Hauter, A. 57200
Karp, T., Kliewer, J., Mertins, A., Fliege, N.J. Processing arbitrary-length signals with MDFT filter banks 15298
Karpenko, M.M. *see* Kim, P.D. 3182
Karpenko, O.P., Yalisove, S.M. $CoSi_2$ heteroepitaxy on patterned Si(100) substrates 752
Karpenko, V.P. *see* Friedman, A. 59103
Karpenko, V.P. *see* Newton, M.A. 59105
Karpierz, M.A. Directional coupling for solitary waves in quadratic nonlinearity 55863
Karpierz, M.A. *see* Swillo, M. 55270
Karpin, K.B. *see* Lysenko, G.P. 29778
Karpinski, A.P. *see* Dougherty, T.A. 19974
Karpinski, M. *see* Arora, S. 30567
Karpinski, M. *see* Grigoriev, D. 21124
Karpinski, W. *see* Braunschweig, W. 7808
Karplus, W.J., Harreld, M.R., Valentino, D.J. Simulation and visualization of the fluid flow field in aneurysms: a virtual environments methodology 28260
Karpov, A., Blondel, J., Gundlach, K.H., Billion-Pierron, D. Low noise SIS mixer for 230 GHz receivers of Plateau de Bure interferometer 58519
Karpov, A., Plathner, B., Blondel, J., Schicke, M., Gundlach, H., Aoyagi, M., Takada, S. Low noise submillimeter SIS receiver with niobium nitride quasiparticle tunnel junctions 17010
Karpov, A. *see* Blondel, J. 48207
Karpov, A.M., Leonov, M.S., Zhodzishskii, A.I. The main lines of progress in ground command and measurement facilities for space vehicles 49950
Karpov, A.M. *see* Zhodzishskii, I. 49877
Karpov, A.V. Computer model of a meteor radio channel 36074
Karpov, A.Y. *see* Vorontsov, M.A. 33631
Karpov, A.Y. *see* Vorontsov, M.A. 44110
Karpov, A.Yu. *see* Vorontsov, M.A. 24172
Karpov, D. *see* Noskov, M. 23136
Karpov, G.M., Obukhovskii, V.V., Smirnova, T.N. Theory of hologram formation in photopolymer materials with a polymerization diffusive recording mechanism. I. General system of equations 14475
Karpov, G.M., Obukhovsky, V.V., Smirnova, T.N., Lemeshko, V.V. Photoformers–materials for holographic recording 14464
Karpov, G.M., Obukhovskii, V.V., Smirnova, T.N., Sarbaev, T.A. Theory of hologram formation in photopolymer materials with a polymerization diffusive recording mechanism. II. Regularities of the process and criterion of holographic recording efficiency 24304
Karpov, I., Campbell, J., Gladfelter, W., Franciosi, A. Chemical vapor deposition of Al films from dimethylethylamine alane on GaAs(100) 2×4 surfaces 40597
Karpov, I., Gladfelter, W., Franciosi, A. Sticking coefficient and growth rate during Al chemical vapor deposition 10905
Karpov, O.V., Koutovoi, V.D., Shakirzyanova, F.R., Shilov, K.A. AC voltage ratio meter based on HTSC SQUID 27809
Karpov, S.Yu., Maiorov, M.A. Kinetic model of GaAs(100) growth from molecular beams 40392
Karpov, S.Yu. *see* Alexeev, A.N. 12221
Karpov, S.Yu. *see* Alexeev, A.N. 12713

Karpov, V.I. *see* Dianov, E.M. 23492
Karpov, V.I. *see* Dianov, E.M. 23775
Karpov, V.V. *see* Astakhov, V.P. 13889
Karpov, V.Yu., Rysina, A.M., Shapovalov, V.I., Mukhachev, A.P., Ostrin, G.Ya. Application of hydrogenation for the refining and pulverization of metals 30991
Karpov, Yu.A. *see* Begraev, N.T. 12629
Karpovich, I.A., Filatov, D.O. Diagnostics of heterostructures with quantum wells by the method of capacitive photovoltage spectroscopy 12327
Karpovich, I.A., Stepikhova, M.V. Photoconductivity, photomagnetic, and magnetoresistive effects in semi-insulating GaAs. Determination of recombination parameters 12218
Karpovich, I.V. *see* Knyazhitskii, A.I. 48917
Karpovski, M. *see* Gladkikh, A. 42746
Karpovski, M. *see* Gladkikh, A. 42755
Karpovski, M.G. *see* Yarmolik, V.N. 53107
Karpovskiy, V. *see* Smirnov, G. 18190
Karpovsky, M.G., Yarmolik, V.N. Transparent random access memory testing for pattern sensitive faults 31270
Karpuk, S.M., Romanov, O.G., Rubanov, A.S., Tolstik, A.L. Diffraction efficiency of resonant holograms with linear and quadratic writing 24296
Karpuk, S.M., Rubanov, A.S., Tolstik, A.L. Nonlinear formation of dynamic holograms in a dye solution 44752
Karpus, V. *see* Jasiukiewicz, Cz. 12135
Karpushko, F.V., Khodasevich, M.A. Quantum-statistical restrictions on the information transmission in finite frequency band photonic and electronic channels 14775
Karpushko, F.V. *see* Utkin, L.A. 14350
Karr, C.R., Reece, D., Franceschini, R. Synthetic soldiers [military training simulators] 50282
Karrai, K. *see* Obermuller, C. 55206
Karray, L. Linear prediction and filter-banks: two complementary techniques in L^∞-norm compression 35361
Karray, L., Monrocq, C., Baum, T.-P., Duhamel, P. L^2 versus L^∞ criterion in biomedical image compression (mammograms) 28137
Karri, R. *see* Dasgupta, A. 21438
Karri, R. *see* Kim, K. 11486
Karri, R. *see* Kim, K. 31171
Karri, R. *see* Kyosun Kim 31295
Karsai, G., DeCaria, F. Model-integrated on-line problem-solving in chemical engineering 27393
Karshenas, A.M., Dunnigan, M.W., Williams, B.W. A modified structure for multi-resolution analysis of frequency domain self-tuning random vibration control 45791
Karsisto, K., Valmari, A. Verification-driven development of a collision-avoidance protocol for the Ethernet 16105
Karssemeijer, N., M te Brake, G., Veldkamp, W.J.H. Method in computer aided digital mammography 49446
Karst, D. *see* DeFoster, S. 48361
Karst, D.L. *see* Cohen, M.S. 6742
Karstaedt, W.H. *see* Motto, J.W., Jr. 31097
Kartal, M. *see* Erer, I. 57313
Kartaloglu, T., Koprulu, K.G., Aytur, O. Phase-matched self-doubling optical parametric oscillator 55828
Kartaloglu, T., Koprulu, K.G., Aytur, O. Phase-matched self-doubling optical parametric oscillator 55872
Kartashov, S.Ye. *see* Zeidmanis, I.Ya. 8731
Kartenko, N.F. *see* Fedorov, M.I. 31909
Karthaus, W. *see* Koops, M. 24407
Karthe, W. *see* Gase, T. 13665
Karthe, W. *see* Gehler, J. 44015
Karthe, W. *see* Wehrsdorfer, E. 17742
Karthik, S., Aitken, M., Martin, L., Pappula, S., Stettler, B., Vishakantaiah, P., d'Abreu, M., Abraham, J.A. Distributed mixed level logic and fault simulation on the Pentium(R)Pro microprocessor 40778
Karthikeyan, S. *see* Oman, D.M. 39109
Kartner, F.X., Braun, B., Weingarten, K.J., Keller, U. Theory of cw-mode locked solid-state lasers with enhanced spatial hole burning 3781
Kartner, F.X., Jung, I.D., Keller, U. Soliton mode-locking with saturable absorbers 55908
Kartner, F.X. *see* Braun, B. 3800
Kartner, F.X. *see* Braun, B. 55569
Kartner, F.X. *see* Keller, U. 55904
Kartner, F.X. *see* Matuschek, N. 33222
Karttunen, J., Holtta, P., Clarke, J. Cost structure analysis and reference model for scaleable network services 47232
Karu, K., Jain, A.K., Bolle, R.M. Is there any texture in the image? 5565
Karube, I. *see* Jeong Im Lee 7446
Karunakaran, C. *see* Agarwal, A. 2080
Karunakaran, C. *see* Agarwal, M.K. 31897
Karunanithi, R. *see* Chandra, R. 22117
Karuo, S., Koyasu, Y. Automatic measuring system for heavy freight vehicles 58652
Karur, S.R. *see* Golberg, M.A. 21173
Karutin, N.V., Karasev, E.I., Sokolov, M.I., Telepchenkov, V.V. Onboard repeaters for geostationary satellites 47838
Karutz, R. *see* Gross, U. 19146
Karuzakii, A.L., Dravin, V.A., Ignatyev, A.S., Krapivka, A.E., Mityagin, Yu.A., Murzin, V.N., Perestoronia, A.V., Takhovrebov, A.M. Microstrip stabilized semiconductor quantum well generator for millimeter and submillimeter wavelength range 31493
Karuzskii, A.L. *see* Beloushkin, A.A. 41471
Karvelas, D., Zhou, Y. Support of integrated voice/data wireless personal communication services using a high-speed dual-ring MAN 16308
Karvelis, G.A., Manias, S.N. Analysis and design of a fixed frequency buck-boost zero-voltage switched quasi-resonant converter 51354
Karvelis, G.A., Manias, S.N., Nagel, A., Schope, F. Reduction of EMI emission of an on-board charger for electric vehicles 29823
Karvitsky, G., Prosvirnin, S. Electromagnetic wave diffraction by a periodic grating of rectangular patches placed on dielectric slab 45099
Karwowska-Lamparska, A. Digital television broadcasting systems. I. Standardization problems and source coding 7040
Karwowska-Lamparska, A. Digital television broadcasting. II. DVB broadcasting systems 27144
Karyagin, S.N. *see* Balagurov, L.A. 12136
Karybakas, C.A., Laopoulos, T.L. Analysis of unlocked and acquisition operation of a phase-locked speed control system 38752
Karymov, A.A. *see* Danilevich, Ya.B. 60666
Karyotakis, Y. *see* Arisaka, K. 37239
Karyotakis, Y. *see* Arisaka, K. 37460
Karys, S. *see* Stefanski, T. 9688
Kasa, Y. *see* Chen, J.C. 1414
Kasaba, K. *see* Katagiri, K. 3269
Kasabach, C. *see* Amon, C. 258
Kasagi, K. *see* Yonekura, Y. 59475
Kasahara, H. *see* Honda, M.N. 11930
Kasahara, H. *see* Maekawa, Y. 11132
Kasahara, H. *see* Nakano, K. 14804
Kasahara, H. *see* Sugimoto, M. 52854
Kasahara, K., Ota, M., Sakamoto, M. Micromachine-actuator rotated by rarefied gas effects 2859
Kasahara, K. *see* Kawakami, T. 23986
Kasahara, K. *see* Nakamura, K. 3778
Kasahara, K. *see* Nakamura, K. 14068
Kasahara, K. *see* Yao Li 13763
Kasahara, M. *see* Fujikawa, A. 45546
Kasahara, M. *see* Inaba, H. 4484
Kasahara, M. *see* Ono, Y. 56353
Kasahara, M. *see* Sakakibara, K. 4451
Kasahara, M. *see* Satake, K. 14838
Kasahara, M. *see* Satake, K. 45547
Kasahara, M. *see* Wadayama, T. 14857
Kasahara, M. *see* Wadayama, T. 45482
Kasahara, R., Sato, T., Sun, J., Kawakami, S. Characteristics improvement of the optical isolators integrated into a fiber array 43976
Kasahara, S.M.S. *see* Allison, W.W.M. 37269
Kasahara, T. *see* Sumiya, T. 8141
Kasahara, T. *see* Sumiya, T. 8142
Kasai, A. *see* Fukunaga, N. 23464
Kasai, E. *see* Saito, T. 61304
Kasai, H., Hayakawa, Y., Ukai, H., Yajima, S. The behavior of dissolved elements in the electrolyte of the molten carbonate fuel cell 51512
Kasai, H. *see* Matsuda, H. 55836
Kasai, H. *see* Okumura, K. 16527
Kasai, H. *see* Shimizu, T. 26199
Kasai, H. *see* Yanagawa, T. 55815
Kasai, J., Kawanishi, H., Katayama, Y. Microphotoluminescence of single disks comprising buried quantum wells fabricated by in situ electron-beam lithography 42130
Kasai, J. *see* Yamaguchi, I. 11988
Kasai, K., Fabre, C. Squeezing of the pump beam in optical parametric interaction 33711
Kasai, K. *see* Akasaka, Y. 2429
Kasai, M. *see* Matsuhashi, H. 2643
Kasai, M. *see* Ohta, T. 22681
Kasai, N. *see* Koga, H. 41166
Kasai, N. *see* Yamaguchi, H. 41538
Kasai, N. *see* Yamamota, K. 16628
Kasai, N. *see* Yamamoto, K. 21944
Kasai, R. *see* Suguri, K. 1447
Kasai, S., Hashizume, T., Hasegawa, H. Electron beam induced current characterization of novel GaAs quantum nanostructures based on potential modulation of two-dimensional electron gas by Schottky in-plane gates 32464
Kasai, T. *see* Fujiyoshi, A. 52506
Kasales, C.J., Mauger, D.T., Sefczek, R.J., Mahraj, R., Meilstrup, J.W., Van Hook, D., Patrone, S.V.-M., Sefczek, D.M., Eggli, K.D., Wise, S.W., Westacott, S., Hopper, K.D. Multiplanar image reconstruction and 3D imaging using a musculoskeletal phantom: conventional versus helical CT 59455
Kasales, C.J. *see* Hopper, K.D. 7937
Kasales, C.J. *see* Hopper, R.D. 59453
Kasama, A. *see* Nakagawa, H. 31916
Kasama, K. *see* Ishida, S. 22633
Kasama, K. *see* Itani, T. 32278
Kasama, K. *see* Itani, T. 32315
Kasama, K. *see* Itani, T. 42830
Kasama, K. *see* Yasuzato, T. 2461
Kasama, K. *see* Yoshino, H. 42831
Kasamatsu, T., Sekita, H. Laser-diode-pumped Nd:YAG active-mirror laser 55558
Kasamatsu, T. *see* Fukunaga, N. 23464
Kasami, T. *see* Moorthy, H.T. 56332
Kasamokova, L. *see* Hallin, C. 54261
Kasap, M., Lancefield, D. The temperature and pressure dependence of electron transport in plastically relaxed $In_xGa_{1-x}As$ 54095
Kasashima, N. *see* Shirai, T. 10039
Kasatkin, V.P., Skibinskii, V.A., Khomenko, A.I. RETOR thyristor-resistor system for subway cars 20147
Kasaya, K. *see* Itaya, Y. 55604
Kasaya, K. *see* Kurosaki, T. 23563
Kasaya, K. *see* Kurosaki, T. 23564
Kasaya, K. *see* Oishi, M. 44505
Kasche, B. *see* Fey, D. 55358
Kascheev, S.B. *see* Yampolski, Y.M. 56053
Kaschieva, S. Effect of postoxidation cooling on the interface states introduced by ion implantation 42316
Kasdin, N.J., Haupt, G.T. Second-order correction and numerical considerations for the two-step optimal estimator 41285
Kase, M., Mori, H. Ion implantation damage and B diffusion in low energy B implantation with Ge preimplantation 12692
Kase, M. *see* Itoh, Y. 37166
Kase, M. *see* Kamigaito, O. 49213
Kase, T. *see* Kushiya, K. 39116
Kase, W. On a solution of skew prime polynomial matrix equation 10234
Kase, W. Reduced-order doubly coprime factorization in RH_∞ and its applications 39967
Kasemo, B. *see* Rodahl, M. 13157
Kasemo, B. *see* Rodahl, M. 43580
Kasemsuwan, V., El Nokali, M.A. A microwave model for high electron mobility transistors 41456
Kaser, A. *see* Lehmann, T.M. 46441
Kasevich, M.A. *see* Sinclair, A.G. 48691
Kasevich, R.S. A flexible, miniaturized, and focused microwave antenna system for medical applications 59785
Kaseya, H. *see* Kitazima, I. 14038
Kasezawa, T. Blocking artifacts reduction using discrete cosine transform 46304
Kasezawa, T., Shinohara, T., Hatano, Y., Nakai, T., Nishida, M., Murakami, T. High density television codec for digital transmission via satellite 48231
Kash, J.A., Guha, S., Pezeshki, B., Agahi, F., Bojarczuk, N.A. Electronic and structural properties of the selectively wet-oxidized AlAs-GaAs interface 32173
Kash, J.A., Tsang, J.C. Full chip optical imaging of logic state evolution in CMOS circuits 43304
Kash, J.A. *see* Pezeshki, B. 14090
Kash, J.A. *see* Pezeshki, B. 17360
Kash, J.A. *see* Tsang, J.C. 32541
Kash, K. *see* Argoitia, A. 21221
Kashaba, A.Y. *see* Bizioukov, A.A. 7774
Kashani, H. Production and evaluation of ZnS thin films by the MOCVD technique as alpha-particle detectors 30943
Kashchenko, S.A. *see* Chizhevsky, V.N. 13963
Kasherininov, P.G., Kichaev, A.V. Semiconductor light detector with optical control of the photosensitive region for intelligent systems 17366
Kasherininov, P.G., Lodygin, A.N. New semiconductor devices based on a special metal-insulator-semiconductor structure for measuring the energy (dose) of electromagnetic and nuclear radiation 59195
Kashiba, Y. *see* Otani, S. 9704
Kashida, M. *see* Noguchi, H. 22683
Kashida, M. *see* Shirasaki, T. 22649
Kashif, I. *see* Sattar, A.A. 31863
Kashigin, S. *see* DeWitt, J. 59243
Kashigin, S. *see* Dubbs, T. 37393
Kashigin, S. *see* Dubbs, T. 59292
Kashigin, S. *see* Sadrozinski, H.F.W. 37399
Kashigin, S. *see* Unno, Y. 37395
Kashihara, M. *see* Wakamiya, M. 35897
Kashima, M. *see* Yoshihashi, M. 20240
Kashima, N. *see* Kokubun, T. 6351
Kashima, T., Yamanaka, A., Yoneda, E.S., Nishijima, S., Okada, T. Coil bobbin for stable superconducting coils 32938
Kashima, T. *see* Inocencio, E. 26203
Kashima, Y., Munakata, T., Matoba, A. InGaAsP multiple quantum well edge-emitting light-emitting diode showing low coherence characteristics using selective-area metalorganic vapor phase epitaxy 55457
Kashima, Y. *see* Munakata, T. 55675
Kashimoto, Y. *see* Noda, Y. 60960
Kashimura, N. *see* Nakamura, N. 46939
Kashino, K., Hagita, N. A music scene analysis system with the MRF-based information integration scheme 4910
Kashino, K., Kinoshita, T., Nakadai, K., Tanaka, H. Chord recognition mechanisms in the OPTIMA processing architecture for music scene analysis 15154
Kashirin, V.Yu., Komnik, Yu.F., Mironov, O.A., Emeleus, C.J., Whall, T.E. Peculiarities of electronic properties of δ⟨Sb⟩-layers in epitaxial silicon. II. Effects of weak localization and electron-electron interaction 12202
Kashirin, Yu.V., Shumarov, E.V. Instrument for measuring the variance of a voltage [in reactor neutron power monitoring] 9064
Kashiro, T. *see* Hasegawa, K. 6385
Kashirskaya, L.M. *see* Dizhur, E.M. 22349
Kashirskaya, L.M. *see* Itskevich, E.S. 54123
Kashiwa, D. *see* Choong Seon Hong 57990

Kashiwa, S. *see* Naito, T. 49200
Kashiwa, T. *see* Iwabuchi, K. 39440
Kashiwa, T. *see* Kanai, Y. 49770
Kashiwabara, S. *see* Inoue, N. 40577
Kashiwabara, T. *see* Yamaguchi, K. 31033
Kashiwada, S. A study on gain characteristics of semiconductor surface-normal optical amplifiers 55703
Kashiwada, S. *see* Jeong, K.T. 23950
Kashiwada, T. *see* Kakui, M. 47982
Kashiwada, T. *see* Nakazato, K. 26819
Kashiwada, T. *see* Onishi, M. 16692
Kashiwagi, K. *see* Sato, H. 26526
Kashiwagi, M., Matsuzaki, H., Nakayama, N. Development for deep-UV & excimer pellicle (membrane longevity) 22648
Kashiwagi, M. *see* Kurio, T. 16393
Kashiwagi, M. *see* Mitani, Y. 2318
Kashiwagi, M. *see* Wada, Y. 22636
Kashiwagi, N. *see* Nanto, H. 43901
Kashiwagi, N. *see* Tanabe, M. 2700
Kashiwagi, S., Hayano, H., Hinode, F., Korhonen, T., Kubo, K., Matsumoto, H., Nakamura, S., Naito, T., Oide, K., Takata, K., Takeda, S., Terunuma, N., Urakawa, J., Okugi, T., Kagaya, M. Preliminary test of ±ΔF energy compensation system 49209
Kashiwagi, Y., Shimokawa, R., Yamanaka, M. Highly sensitive etchants for delineation of defects in single- and polycrystalline silicon materials 41824
Kashkari, C. Project WEALTH (water, energy, agriculture, lighting, training and health)–harnessing the wealth of nations 29924
Kashkari, C. *see* Dalton, R. 29923
Kashkarov, V.M. *see* Terekhov, V.A. 54029
Kashkoush, I., Novak, R., Rajaram, B., Carrillo, F. Etch uniformity of thermal oxide during HF-wet processes 42473
Kashkoush, I. *see* Roman, P. 42566
Kashkoush, I. *see* Ruzyllo, J. 42530
Kashkoush, I.I. The use of ultrasound energy in photoresist stripping applications 42458
Kashmar, G. *see* Guclu, C. 28267
Kashpur, E.F. *see* Khlobystov, V.V. 30565
Kashy, D. *see* Arenius, D. 37000
Kashy, D.H. *see* Chronis, W.C. 37001
Kashyap, K. *see* Furuhashi, H. 41695
Kashyap, N. *see* Hubing, T. 45183
Kashyap, P. Improving Clough-Tocher interpolants 551
Kashyap, R. Optical fibre Bragg gratings for applications in telecommunications 16717
Kashyap, R. Design of step-chirped fibre Bragg gratings 43962
Kashyap, R. *see* Barcelos, S. 13592
Kashyap, R. *see* Guy, M.J. 26758
Kashyap, R. *see* Kawase, L.R. 26898
Kashyap, R. *see* Timofeev, F.N. 48022
Kashyap, R.L., Jin-Nan Liaw Subset least squares method for robust speech and image processing 15662
Kashyap, R.L. *see* Moni, S. 25574
Kashyap, R.L. *see* Oommen, B.J. 15027
Kashyap, R.L. *see* Rabiee, H.R. 25357
Kashyap, R.L. *see* Rabiee, H.R. 56774
Kashyap, R.L. *see* Rabiee, H.R. 57091
Kashyap, R.L. *see* Satish, A. 8679
Kashyap, R.L. *see* Trika, S.N. 35060
Kashyap, R.L. *see* Yazici, B. 25027
Kashyap, R.L. *see* Yazici, B. 34785
Kashyap, S., Louie, A., Paknys, R. RCS of cylinders on a ground plane 36221
Kashyop, R.L., Moni, S. Using the residual area criterion for signal reconstruction from noiseless and noisy samples 34879
Kasian, A.I. *see* Dashevsky, Z.M. 31963
Kasikawa, R. *see* Noguchi, K. 59885
Kasimov, E.R. *see* Kadzhar, Ch.O. 17741
Kasinski, A., Piascik, T. Active stereo-vision systems for 3D scene model reconstruction 5222
Kasinski, A. *see* Wozniak, A. 7421
Kasinski, J.J., Burnham, R.L. Near-diffraction-limited, high-energy, high-power, diode-pumped laser using thermal aberration correction with aspheric diamond-turned optics 3734
Kasiviswanathan, S., Srinivas, V., Kar, A.K., Mathur, B.K., Chopra, K.L. Observation of deviation of electronic behaviour of indium tin oxide film at grain boundary using scanning tunneling microscope 41993
Kasiwada, T. *see* Nakazato, K. 14017
Kasjaniuk, S. *see* Kaminska, E. 12529
Kasjaniuk, S. *see* Kaniewska, M. 690
Kasjuniuk, S. *see* Piotrowska, A. 13899
Kaskevich, O. *see* Makisimovich, N. 37614
Kaskevich, O. *see* Vorotyntsev, V. 36759
Kaski, K. *see* Huupponen, E. 59628
Kaski, K. *see* Saastamoinen, A. 59704
Kaskoun, K. *see* Bonda, R. 221
Kasody, B. *see* Lai, R. 41496
Kaspar, F. *see* Freudenberger, R. 11989
Kaspar, H. *see* Adam, A. 37280
Kaspari, D.K. *see* Baker, P.E. 1758
Kasparian, J., Kramer, B., Dewitz, J.-P., Vajda, S., Rairoux, P., Vezin, B., Boutou, V., Leisner, T., Hubner, W., Wolf, J.P., Woste, L., Bennemann, K.H. Angular dependences of third harmonic generation from microdroplets 55890
Kasparis, T. *see* Memon, Q. 46213
Kasparov, E.A. *see* Gurevich, Yu.Ye. 9114
Kasper, A. *see* Rothe, H. 39893
Kasper, E. SiGe alloys and heterojunctions–extending the performance of Si devices 42046
Kasper, E. *see* Colace, L. 2164
Kasper, K., Reininger, H., Tchorz, J., Kollmeier, B. Robust speech recognition by combination of hearing-oriented features with locally recurrent networks 34673
Kasper, K., Reininger, H., Wust, H. Strategies for reducing the complexity of a RNN based speech recognizer 24877
Kasper, K. *see* Schlothauer, M. 34668
Kasper, M. *see* Mohammed, O.A. 44988
Kasperek, R. *see* Strzelecki, R. 9383
Kasperkovitz, P. *see* Ausserlechner, U. 17253
Kasperovich, L. Reference frame representation in the transform domain for H.261 video compression 15626
Kaspi, R. *see* Jones, C.R. 21263
Kasprowicz, A.B., Kazmierkowski, M.P., Kanoza, S. Speed sensorless direct torque vector control of DC link resonant inverter-fed induction motor drive 9610
Kasprzak, M., Cichocki, A. Hidden image separation from incomplete image mixtures by independent component analysis 5396
Kasprzak, W. *see* Niemann, H. 15763
Kasprzyk, T.E. *see* Ball, J. 18071
Kasraian, M., Botez, D. Metal-grating-outcoupled, surface-emitting distributed-feedback diode lasers 14088
Kasraian, M., Botez, D. Metal-grating-outcoupled surface-emitting distributed feedback diode lasers 55728
Kass, R. *see* Bauer, C. 37326
Kass, R. *see* Bauer, C. 37378
Kass, R. *see* Gan, K.K. 37410
Kass, R. *see* Kagan, H. 37508
Kass, R. *see* Shipsey, I. 59232
Kass, R. *see* Spencer, M.B. 59274
Kassa, R. *see* Forster, M. 61214
Kassaee, A. *see* Altschuler, M.D. 49496
Kassakian, J.G., Wolf, H.-C., Miller, J.M., Hurton, C.J. The future of automotive electrical systems 29835
Kassakian, J.G. *see* Perreault, D.J. 29401
Kassal, J. *see* Owsley, N.L. 59381
Kassam, S.A., Sayeed, Z. Active imaging with low complexity arrays 35357
Kassam, S.A. *see* Ahmad, F. 27097
Kassam, S.A. *see* Ahmad, F. 35356
Kassam, S.A. *see* Anandakumar, A. 5248
Kassam, S.A. *see* Blum, R.S. 25091
Kassam, S.A. *see* Inhyok Cha 25748
Kassam, S.A. *see* Koivunen, V. 57031
Kassam, S.A. *see* Sayeed, Z. 34186
Kassay, G., Kolumban, J. On a generalized sup-inf problem 10355
Kassebaum, J.A., Ersoy, O.K., Madhavan, P.G. Chaotic analysis methods applied to multichannel intracranial electrocortiograms 18434
Kassebaum, J.H., Kocken, R.A. Controlling static electricity in hazardous (classified) locations 30108
Kassem, M. *see* Mokhtar, M. 56484
Kassim, N.E. *see* Basart, J.P. 36294
Kassim, N.E. *see* Basart, J.P. 36295
Kassirov, S.A. *see* Arutyunov, V.A. 58829
Kassman Rudolphi, A., Jacobson, S. The role of gross plastic fretting in serviceability and deterioration of power contacts 11805
Kassotakis, I. *see* Markaki, M. 57920
Kastalsky, A. *see* Cunningham, J.E. 33116
Kastalsky, A. *see* Lachenmann, S.G. 23419
Kastalsky, A. *see* Lachenmann, S.G. 43807
Kastanya, D.F., Turinsky, P.J. Simulation error propagation for a dynamic rod worth measurement technique 19491
Kastberg, E.J. *see* Cole, M.S. 20890
Kasteenpohja, T. *see* Nilsen, R. 51807
Kastelein, D. *see* Janssens, E. 26298
Kastelik, J.C., Gazalet, M.G., Haine, F., Pommeray, M. Independent acousto-optic separation of the two wavelengths of a polychromatic light beam 55337
Kastella, K. Discrimination gain to optimize detection and classification 15320
Kastella, K. Discrimination gain for sensor management in multitarget detection and tracking 56491
Kastella, K., Biscuso, M., Kober, W., Thomas, J.K., Wood, A. Event-averaged maximum likelihood estimation tracking for fire-control 50260
Kastella, K., Kouritzin, M.A., Zatezalo, A. A nonlinear filter for altitude tracking 49961
Kastella, K. *see* Lutes, C. 49960
Kasten, A.J. *see* Mullenix, P. 32479
Kastenberg, W.E. *see* Zheng Wu 38522
Kasteren, J.M.N.van *see* van Kasteren, J.M.N.
Kasthurirengan, S. *see* Chandra, R. 22117
Kastle, S., Noller, F., Falk, S., Bukta, A., Mayer, E., Miller, D. A new family of sensors for pulse oximetry 37604
Kastner, J. *see* Glingener, C. 6857
Kastner, J.F., Tacke, M., Silverstein, S., Katzir, A. Optimizing the optics for evanescent wave analysis with laser diodes (EWALD) for monitoring chlorinated hydrocarbons in water 18929
Kastner, J.F. *see* Tacke, M. 36964
Kastner, M.J., Hahn, B., Blumberg, R., Sossna, E., Duschl, R., Gebhardt, W. In situ reflectance difference spectroscopy of ZnSe-based semiconductor surfaces 40344
Kastner, M.J. *see* Hahn, B. 40466
Kastner, R., Nocham, G., Steinberg, B.-Z. Muiltiregion systematic reduced field testing (RFT) for matrix thinning 33986
Kastner, R. *see* Garb, K. 53516
Kastner, W. *see* Hampel, R. 28966
Kastrup, J., Hey, R., Ploog, K.H., Grahn, H.T., Bonilla, L.L., Kindelan, M., Moscoso, M., Wacker, A., Galan, J. Electrically tunable GHz oscillations in doped GaAs-AlAs superlattices 42173
Kasturi, R. *see* Gandhi, T.L. 28550
Kasturi, R. *see* Kosiba, D.A. 5642
Kasturia, S. *see* Sollenberger, N.R. 47779
Kasu, M., Kobayashi, N. Surface diffusion kinetics of GaAs and AlAs metalorganic vapor-phase epitaxy 40352
Kasu, M., Makimoto, T., Kobayashi, N. Selective-area GaAs growth using nitrogen passivation and scanning-tunneling-microscopy modification on a nanometer scale 40387
Kasuga, I. *see* Takahashi, N. 48245
Kasuga, M. *see* Shimizu, A. 61083
Kasuga, M. *see* Yano, K. 54576
Kasuga, S. *see* Tanaka, M. 58906
Kasuga, T., Konishi, M., Oda, T., Moriya, S. Studies on correction accuracy of proximity effect for the pattern area density method in electron beam direct writing 22707
Kasugai, A. *see* Maebara, S. 13518
Kasukabe, S., Mizuuchi, Y., Numata, K. Testing probe for multichip modules with high-speed VLSIs 1868
Kasukawa, A., Yamanaka, N., Iwai, N. Estimation of waveguide loss of 1.3 μm narrow beam lasers fabricated by selective MOCVD 44482
Kasukawa, A. *see* Yokouchi, N. 14130
Kasulke, P. *see* Azdasht, G. 12811
Kasuya, T. *see* Wada, M. 37186
Kas'yan, K.N. *see* Kofanov, Yu.F. 27414
Kas'yanov, V.A. *see* Zvorygin, V.P. 17980
Kasymakhunova, A.M. Methods of investigation and selection of photoconverter for a photothermobattery 51614
Kasymakhunova, A.M., Gafurov, Kh.U. Studies of photoelectric converters of photoelectric thermopiles 29646
Kaszczyszyn, S. *see* Krol, A. 7466
Kasztenny, B., Rosołowski, E. A digital protective relay as a real-time microprocessor system 50642
Kaszuwara, W. *see* Leonowicz, M. 3114
Kaszynski, R. A proposal of non-stationary low-pass Chebyshev's filters 11550
Kaszynski, R. The dynamic properties of certain non-stationary low-pass filters 53392
Kata, K. *see* Matsuda, S. 197
Katada, K. *see* Kato, R. 59844
Katada, K. *see* Mori, K. 15988
Katada, T. *see* Taki, K. 27433
Kataeva, S.S. *see* Gortsev, A.M. 14772
Kataevskaya, I.V. *see* Darsht, M.Ya. 23501
Kataevskii, N.G., Kundikova, N.D., Zel'dovich, B.Y., Naumova, I.I. Space phase selfmodulation of light by a photorefractive crystal in an alternating field 32966
Katagi, H. *see* Matsuda, H. 55836
Katagi, T., Matsuki, J., Okada, T. Experimental study on harmonics reduction effects of damper windings in a synchronous generator 38717
Katagi, T. *see* Haryu, K. 45429
Katagi, T. *see* Nishizawa, K. 56137
Katagi, T. *see* Takabayashi, M. 34278
Katagi, T. *see* Yonezawa, R. 56200
Katagiri, K., Watanabe, K., Kuroda, T., Kasaba, K., Noto, K., Kohno, O., Okada, T. Axial tensile strain/transverse compressive stress characteristics in high strength Nb_3Sn superconducting wires 3269
Katagiri, K., Watanabe, K., Shin, H.S., Shoji, Y., Ebisawa, N., Noto, K., Okada, T., Goto, K., Saito, T., Kono, O. Tensile strain/transverse compressive stress effects in Nb_3Sn multifilamentary wires with CuNB reinforcing stabilizer 55106
Katagiri, M. *see* Kaneko, J. 37294
Katagiri, M. *see* Kaneko, J. 37465
Katagiri, M. *see* Kishimoto, M. 23420
Katagiri, S., Morita, K.-I., Kawaguchi, N., Hayakawa, M. An imaging algorithm using the bispectrum in radio interferometry 58521
Katagiri, S. *see* Biem, A. 34654
Katagiri, S. *see* McDermott, E. 24875
Katagiri, Y., Takada, A., Nishi, S., Abe, H., Uenishi, Y., Nagaoka, S. Repetition-rate tunable micromechanical passively mode-locked semiconductor laser 14122
Katagiri, Y. *see* Itoh, K. 13892
Katagiri, Y. *see* Nishikawa, M. 27130
Katahama, H. *see* Sueoka, K. 54019
Katakai, S. *see* Kaminaga, K. 38373
Katakai, S. *see* Kaminaga, K. 43557
Katakami, K., Nemoto, A., Yoshida, M., Shiraiw, A., Hamada, S. Ku-band 90~120 W space traveling wave tubes 31712
Katakami, K. *see* Chiba, A. 58244

Katakura, K., Hinatsu, J.T., Inatomi, K., Inaba, M., Ogumi, Z., Takehara, Z. Microelectrode simulation of anode in polymer electrolyte fuel cells 51541
Katakura, K., Okujima, M. Identity between two computed velocimetry methods 28198
Katamine, A. *see* Onozawa, M. 52913
Katamura, R. *see* Watanabe, K. 36920
Katano, H. *see* Kitahara, F. 57855
Katanski, R., Sonta, S., Wydro, K.B. Financing of the rural telecommunication development 46837
Kataoka, A., Moriya, T., Hayashi, S. An 8-kb/s conjugate structure CELP (CS-CELP) speech coder 14868
Kataoka, A. *see* Ohmuro, H. 15057
Kataoka, K., Shibayama, Y. Optics for modulating multiple beams using an asymmetric multilevel phase grating and a multichannel acousto-optic modulator 33169
Kataoka, R. *see* Yoshitake, R. 58919
Kataoka, S., Atagi, K. Preventing IR interference between infrared waves emitted by high-frequency fluorescent lighting systems and infrared remote controls 39395
Kataoka, T., Dahono, P.A., Sato, Y. Current ripple analysis of hysteresis-controlled inverters introducing concept of conduction probability 51185
Kataoka, T., Sato, Y., Tobita, M., Dahono, P.A. A novel method for suppression of overvoltage in resonant DC link inverters 51355
Kataoka, T. *see* Hirako, M. 6735
Kataoka, T. *see* Ono, N. 15865
Kataoka, Y. *see* Hofler, A. 12644
Kataoka, Y. *see* Hofler, A. 42411
Kataoka, Y. *see* Suzuki, K. 43068
Kataoka, Y. *see* Yoshida, C. 12349
Katardjiev, I.V. *see* Hedlund, C. 2333
Katarkevich, V.M., Kurstak, V.Y., Rubinov, A.N., Efendiev, T.S. Kinetics of the operation of a distributed-feedback dye laser with nanosecond excitation 23762
Katarkevich, V.M., Rubinov, A.N., Ryzhechkin, S.A., Efendiev, T.Sh. Tunable distributed-feedback solid-state laser with an enhanced lasing wavelength stability 3706
Katashiba, H. *see* Kurishige, M. 9701
Katashiro, M., Matsumoto, K., Ohta, R. Analysis and application of hydrogen supplying metal-oxide-semiconductor structures 17520
Katata, H., Ito, N., Aono, T., Kusao, H. Object wavelet transform for coding of arbitrarily shaped image segments 35195
Katata, H., Ito, N., Kusao, H. Temporal-scalable coding based on image content 35853
Katayama, A. *see* Kiyohara, Y. 27677
Katayama, H., Murakami, S., Sugino, M., Ueshima, T., Tsujimoto, M., Yamaguchi, T., Usui, N., Koyama, I. Development of digital video cassette tape recorder for consumer use 27180
Katayama, H. *see* Yamazato, T. 45511
Katayama, K., Tanaka, M., Tanaka, K. New boundary element method for CAD of quantum electron waveguide circuits 32476
Katayama, K. *see* Tanaka, H. 60525
Katayama, M., Kanie, T., Takada, H. Development of a soft X-ray CT technique using a compact synchrotron radiation ring 59356
Katayama, M., Nakayama, T., Aono, M., McConville, C.F. Influence of surfactant coverage on epitaxial growth of Ge on Si(001) 783
Katayama, M. *see* Habuka, H. 12155
Katayama, M. *see* Hattori, T. 2377
Katayama, M. *see* Ishiguro, T. 35907
Katayama, M. *see* Ishiguro, T. 35974
Katayama, M. *see* Jamalipour, A. 6616
Katayama, M. *see* Jamalipour, A. 16647
Katayama, M. *see* Jamalipour, A. 36032
Katayama, M. *see* Kanie, T. 59357
Katayama, M. *see* Kato, A. 32126
Katayama, M. *see* Kuno, S. 46668
Katayama, M. *see* Nakagawa, H. 35906
Katayama, M. *see* Okada, H. 26533
Katayama, M. *see* Saito, M. 36061
Katayama, M. *see* Sato, T. 46665
Katayama, M. *see* Wakaki, I. 25886
Katayama, R., Komatsu, Y., Ono, Y. Dual wavelength optical head for 0.6 mm and 1.2 mm substrate thicknesses 43908
Katayama, S. *see* Nakaya, K. 39408
Katayama, S. *see* Nishimura, T. 39410
Katayama, T. (J, J')-spectral factorization and conjugation for discrete-time descriptor system 4838
Katayama, T., Kato, S., Takata, Y., Shimamoto, T. Characteristics and reliability of printed circuit boards using new copper paste via technology 11867
Katayama, T., Ogawa, M., Nagasawa, M. High-precision tracking control system for optical disc players employing adaptive repetitive compensator with long-term memory 13554
Katayama, T. *see* Arai, S. 49038
Katayama, T. *see* Irie, H. 60729
Katayama, T. *see* Jablonski, J. 22456
Katayama, T. *see* Jablonski, J. 42292
Katayama, T. *see* Saito, M. 22555
Katayama, T. *see* Sakamoto, O. 1361
Katayama, T. *see* Takaba, K. 39971
Katayama, T. *see* Watanabe, T. 37036
Katayama, T. *see* Yano, Y. 17884
Katayama, Y. *see* Kasai, J. 42130
Katayama, Y. *see* Kurosawa, K. 34535
Katayama, Y. *see* Sakoe, H. 56380
Katayama, Y. *see* Sakurai, A. 13377
Katayama, Y. *see* Tsuji, K. 26382
Katayama-Yoshida, H. *see* Jung, H.D. 42381
Katayama-Yoshida, H. *see* Yamamoto, T. 12314
Katayama-Yoshida, H. *see* Yamamoto, T. 54336
Katayose, H., Kanamori, T., Sakaguchi, T., Nagashima, Y., Sato, K., Inokuchi, S. Virtual Performer: an environment for interactive multimedia art 58585
Katayose, H. *see* Sakaguchi, T. 27924
Katayose, T. *see* Hattori, T. 59111
Katayose, T. *see* Ishii, Y. 11892
Katayose, T. *see* Ishii, Y. 11898
Katchabaw, M.J. *see* Hong, J.W. 46909
Katchanov, V. *see* Alexeev, G. 59200
Katchmar, R., Goulet, E., Laliberte, J. Factors influencing fatigue life of area-array solder joints 52228
Katcki, J. *see* Kaniewska, M. 690
Kate, H.H.J.ten *see* ten Kate, H.H.J.
Kate, H.ten *see* ten Kate, H.
Kate, W.R.T.Ten *see* Ten Kate, W.R.T.
Katebi, M.R., Johnson, M.A. Predictive control design for large-scale systems 60523
Katebi, M.R. *see* Ordys, A.W. 38629
Katehi, L.P. *see* Jong-Gwan Yook 40992
Katehi, L.P.B. Micromachined packaging for circuit and antenna applications 45381
Katehi, L.P.B. *see* Drayton, R.F. 31525
Katehi, L.P.B. *see* Goverdhanam, K. 33935
Katehi, L.P.B. *see* Jong-Gwan Yook 21964
Katehi, L.P.B. *see* Krumpholz, M. 45062
Katehi, L.P.B. *see* Ponchak, G.E. 53526
Katehi, L.P.B. *see* Ponchak, G.E. 53645
Katehi, L.P.B. *see* Tam, W.Y. 613
Katehi, L.P.B. *see* Tentzeris, E.M. 34148
Katehi, L.P.B. *see* van Deventer, T.E. 14693
Katehi, L.P.B. *see* Weller, T.M. 53518
Katehi, L.P.B. *see* Yook, J.-G. 41578
Katerkamp, A. *see* Kunz, U. 7456
Katerkamp, A. *see* Niggemann, M. 17587
Kath, H. *see* Buescher, S. 55507
Kathe, E., Gast, R., Vottis, P., Cipollo, M. Analysis of launch induced motion of a hybrid electromagnetic/gas gun 24418
Kathe, E. *see* Vottis, P.M. 24420
Katheder, H. *see* Reed, R. 52850
Katholy, S. *see* Nordmann, I. 52858
Kathovnik, V. Kernel high-order approximation of time-varying parameters of harmonics 52447
Kathrina, T., Rawlings, R.D. Ultrasonic nondestructive evaluation of alumina powder during compaction 40702
Kathuria, Y.P. Rapid prototyping: an innovative technique for microfabrication of metallic parts 20849
Kathuria, Y.P., Tsuboi, A. Duty cycle and modulation effects in aluminium alloy welding with high power Nd-YAG laser 14483
Kathuria, Y.P., Tsuboi, A. Laser cladding of stellite #6: a detailed analysis 14486
Kathuria, Y.P., Tsuboi, A. The effect of beam interaction time on laser cladding process 24314
Katic, B. *see* Radakovic, Z. 19818
Katic, V., Graovac, D. Unbalanced AC/DC converter AC filter design in transient and steady state 9406
Katic, V. *see* Graovac, D. 61233
Katikaneni, S.P.R., Bakhshi, N.N., Huffman, D. The new bio-crude: a renewable substitute for petroleum? 28987
Katila, T. *see* Reinhardt, L. 49705
Katila, T. *see* Simelius, K. 49701
Katila, T. *see* Stocker, A. 18250
Katila, T. *see* Wach, P. 49491
Katine, J.A. *see* Eriksson, M.A. 31948
Katinsky, J. *see* Lear, E. 16180
Katkoori, S., Vemuri, R. Simulation based architectural power estimation for PLA-based controllers 11277
Katkoori, S. *see* Natesan, V. 40836
Katkov, A. *see* Gubareny, N. 15734
Katkov, A.S. *see* Tarbeyev, Yu.V. 27240
Katkov, V. *see* Artru, X. 49308
Katkov, V.Yu., Sverdlov, B.A., Furashov, N.I. Experimental estimates of the value and temperature dependence of the air-humidity quadratic component of the atmospheric water-vapor absorption coefficient in the frequency band of 148-410 GHz 45128
Katkovnik, V. Local polynomial periodograms for signals with the time-varying frequency and amplitude 15365
Katkovnik, V. Nonparametric estimation of instantaneous frequency 25083
Katkovnik, V. Wavelets and local polynomial approximation 34940
Katkovnik, V. Adaptive local polynomial periodogram for time-varying frequency estimation 34956
Kato, A., Katayama, M., Mizutani, A., Ito, N., Hattori, T. ZnS:Tm grown by metalorganic chemical vapor deposition with Cl codoping 32126
Kato, A., Nakai, H., Tanabe, K., Nagase, Y. Noncontact strain measurement using metal foil gauges with the application of the laser speckle method 48952
Kato, A., Te Sun Han Kolmogorov complexity with cost and stochastic processes 45499
Kato, A. *see* Manabe, T. 57881
Kato, A. *see* Miura, Y. 58110
Kato, A. *see* Tanaka, Y. 22256
Kato, D., Yamada, M., Abe, K., Ishikawa, A., Ishiyama, K., Obata, M. Analysis of the camerawork of broadcasting cameramen 36336
Kato, D., Yamada, M., Abe, K., Ishikawa, A., Obata, M. Analysis of the camera work of television cameramen while tracking subjects 48212
Kato, H., Abe, S. Ultrasonic evaluation of the bonding strength of dissimilar metal bonds 40723
Kato, H., Matsui, M., Sato, K., Shibata, H., Hashimoto, K., Ootani, T., Ochii, K. SRAM cell stability under the influence of parasitic resistances and data holding voltage as a stability prober 21690
Kato, H., Takeda, M., Taura, K., Tsujishita, M., Hieda, M. A digital audio broadcasting receiver 7061
Kato, H. *see* Kawahigashi, M. 19330
Kato, H. *see* Koike, M. 13883
Kato, H. *see* Nakamura, M. 59074
Kato, H. *see* Okuno, Y. 30700
Kato, H. *see* Runwei Cheng 1001
Kato, H. *see* Sasajima, M. 35652
Kato, H. *see* Shindo, M. 13435
Kato, H. *see* Shinzawa, T. 12814
Kato, H. *see* Tsukada, M. 18429
Kato, H. *see* Wakamiya, M. 35897
Kato, I. *see* Hashiba, S. 20836
Kato, I. *see* Igarashi, A. 58226
Kato, I. *see* Takezawa, N. 48966
Kato, J., Saito, K., Morita, H., Shimazu, N. A beam drift reduction device for the X-ray mask e-beam writer, EB-X2 32265
Kato, J., Tanaka, T., Fujii, T. A study on arrival paths in wideband mobile communication systems 58169
Kato, J. *see* Saito, K. 31688
Kato, J. *see* Saito, K. 32266
Kato, J. *see* Yamaguchi, I. 17817
Kato, J. *see* Yamanaka, K. 16080
Kato, J.-I. *see* Ji-Yuan Liu 7575
Kato, J.-I. *see* Yamaguchi, I. 7661
Kato, K., Aoki, Y., Ohashi, K., Shinbo, K., Kaneko, F. Evaluation of C_{15}TCNQ Langmuir-Blodgett ultrathin films on aluminum thin films by attenuated total reflection measurements 2885
Kato, K., Fujii, T., Mizutani, K. Active vibration control of a rotating machinery with overhung rotor 19680
Kato, K., Hikita, M., Hayakawa, N., Kito, Y., Okubo, H. A highly efficient method for optimum electrode contour determination 51386
Kato, K., Miura, M., Ito, K., Yamaji, Y., Sudo, T. New electrical modeling approach for simultaneous switching noise for high-performance packages 198
Kato, K., Saso, T. Robust resonant frequency tracking control for ultrasonic-motor drive 29733
Kato, K., Umemura, N., Tanaka, E. 90° phase-matched mid-infrared parametric oscillation in undoped $KTiOAsO_4$ 55911
Kato, K., Wada, T., Kakuda, N., Kawada, T. Hillock-free aluminum-based alloy interconnections for active-matrix liquid-crystal displays 48763
Kato, K., Yamazaki, S., Endo, T., Murakami, K., Toriu, T., Koshimizu, H. Theoretical and experimental considerations on randomized voting Hough transform 57202
Kato, K., Yuda, M., Kozen, A., Muramoto, Y., Noguchi, K., Nakajima, O. Selective-area impurity-doped planar edge-coupled waveguide photodiode (SIMPLE-WGPD) for low-cost, low-power-consumption optical hybrid modules 3434
Kato, K. *see* Akatsu, Y. 16729
Kato, K. *see* Fukano, H. 13841
Kato, K. *see* Fukano, H. 55433
Kato, K. *see* Fukuda, Y. 21671
Kato, K. *see* Harasaki, A. 44692
Kato, K. *see* Ishiguro, F. 60359
Kato, K. *see* Junguo Xu 55058
Kato, K. *see* Khurshudov, A.G. 43674
Kato, K. *see* Kumakura, H. 55082
Kato, K. *see* Mori, Y. 57427
Kato, K. *see* Muramoto, Y. 23683
Kato, K. *see* Nagase, R. 16444
Kato, K. *see* Nagase, R. 26715
Kato, K. *see* Okato, Y. 45679
Kato, K. *see* Okubo, H. 23251
Kato, K. *see* Okubo, H. 54962
Kato, K. *see* Sakawa, M. 21101
Kato, K. *see* Sakawa, M. 40096
Kato, K. *see* Seino, H. 20159
Kato, K. *see* Shin-ogi, M. 48487
Kato, K. *see* Suzuki, R. 15612
Kato, K. *see* Tanaka, H. 60525
Kato, K. *see* Terada, H. 7606
Kato, K. *see* Umemura, N. 14265
Kato, K. *see* Watanabe, H. 9436
Kato, M., Adachi, T., Tanaka, T. A shallow-trench-isolation flash memory technology with a source-bias programming method 41158
Kato, M., Kiguchi, M. Combination of Maker fringe and total reflection technique: Nonlinear optical properties of 4-nitro-2-ethoxyamide-4'-benzyloxytolane 44681

Kato, M., Oie, Y., Murata, M., Miyahara, H. Performance analysis of reactive congestion control based upon queue length threshold values 46680
Kato, M., Saito, K., Yajima, H., Sato, K., Kimura, Furuya, N., Yamane, S. Microwave-discharge-excited CO_2 laser using orthogonally crossing electric fields 33369
Kato, M., Usui, N., Tasaka, S. Performance evaluation of a video transmission scheme for PHS 5853
Kato, M. *see* Anderson, L.E. 38257
Kato, M. *see* Cooklev, T. 25017
Kato, M. *see* Hayakawa, Y. 16394
Kato, M. *see* Iye, Y. 12466
Kato, M. *see* Kawahara, T. 1331
Kato, M. *see* Kitaoka, Y. 33081
Kato, M. *see* Kitaoka, Y. 33647
Kato, M. *see* Komma, Y. 4130
Kato, M. *see* Matsumura, S. 25715
Kato, M. *see* Mizuuchi, K. 3978
Kato, M. *see* Mizuuchi, K. 44657
Kato, M. *see* Takemoto, A. 26908
Kato, M. *see* Toda, M. 42459
Kato, N., Yamamoto, K., Ogata, T., Hirai, T., Hirota, H. Establishment of the relationship between capacity and impedance of trickle-charge nickel/cadmium cells by using electrolyte-deficient model cells 29548
Kato, N. *see* Ino, H. 56920
Kato, N. *see* Miyahara, H. 27863
Kato, N. *see* Muroyama, S. 51308
Kato, N. *see* Nemoto, Y. 47320
Kato, R., Katada, K., Anno, H., Suzuki, S., Ida, Y., Koga, S. Radiation dosimetry at CT fluoroscopy: physician's hand dose and development of needle holders 59844
Kato, R., Nakazato, T., Oyamada, M., Urasawa, S., Yamakawa, T., Yoshioka, M., Ikezawa, M., Ishi, K., Kanai, T., Shibata, Y., Takahashi, T. Suppression and enhancement of coherent synchrotron radiation in the presence of conducting boundaries 18014
Kato, S. Feature selection in flexible image retrieval 46104
Kato, S., Kobayashi, M. Magnetic charge densities around tips of circular cone and demagnetizing factors 14530
Kato, S., Machata, K., Ishibashi, K., Wakuta, Y., Shintomi, T. Development of a small-probe pulsed nuclear magnetic resonance system for measuring magnetic field uniformity 49157
Kato, S., Miyajima, H. A business card size 2.4 GHz band spread spectrum modem 58047
Kato, S., Mochizuki, A., Zaima, E. Transmission line tower models in frequency domain 28924
Kato, S., Ohashi, H., Hatakeyama, M., Shimizu, H. Image processing LSI LC82103 35043
Kato, S., Yamanouch, K., Ide, H. Testing of the 2.4 GHz band spread spectrum sound transceiver unit using an elastic type SAW convolver 16529
Kato, S. *see* Akimoto, T. 37516
Kato, S. *see* Elarbi, R. 60431
Kato, S. *see* Katayama, T. 11867
Kato, S. *see* Kubota, S. 36008
Kato, S. *see* Nishio, S. 40635
Kato, S. *see* Watanabe, S. 12057
Kato, S. *see* Yamanouchi, K. 13394
Kato, S. *see* Yoshida, T. 51590
Kato, T., Hamada, K., Kawano, K., Hiyama, T., Matsui, K., Nishida, K., Honda, T., Sekiguchi, S., Ootsu, K., Tsuji, H., Shimamoto, S., Okuno, K., Watanabe, Y., Tada, E., Nakayama, Y., Shimoda, M. Cryogenic system for ITER CS Model Coil 51866
Kato, T., Hasegawa, T., Idoue, A., Suzuki, K., Urano, Y. Design of high performance OSI software over ATM network 46769
Kato, T., Hirai, S., Tomita, F., Niki, K., Higuchi, T., Tsukamoto, M., Tanaka, K., Sota, T., Sakamoto, T., Ono, E., Kawai, Y., Yamamoto, Y., Inayoshi, H., Kojima, H. Human media technology for future information environment–kansei media technology and its application to human communication 57999
Kato, T., Kubono, T., Mizuno, M. Phenomenon of bipolar induction and development of a new rotation sensor 4197
Kato, T., Kung, P., Saxler, A., Sun, C.J., Ohsato, H., Razeghi, M., Okuda, T. Morphology of twinned GaN grown on (11.0) sapphire substrates 30836
Kato, T., Mizuno, R.J., Iga, K. Self-aligning optical interconnect scheme using put-in microconnector 23569
Kato, T., Okura, K., Hayashi, K., Hikata, T., Kaneko, T., Ueyama, M., Fujikami, J., Muranaka, K., Kobayashi, S., Saga, N., Sato, K. Recent progress in BPSCCO wire fabrication and application prototypes 55151
Kato, T. *see* Fujino, T. 22740
Kato, T. *see* Fukasawa, A. 6588
Kato, T. *see* Garnacho, F. 50672
Kato, T. *see* Hamakawa, A. 14194
Kato, T. *see* Hasegewa, T. 57652
Kato, T. *see* Hattori, Y. 12904
Kato, T. *see* Hikita, M. 13304
Kato, T. *see* Hikita, M. 19665
Kato, T. *see* Hirotani, M. 44294
Kato, T. *see* Hoshino, T. 9426
Kato, T. *see* Ikuta, K. 28404
Kato, T. *see* Iwasaki, N. 41515
Kato, T. *see* Kuriyama, K. 10637
Kato, T. *see* Kuriyama, K. 10637
Kato, T. *see* Miyaji, S. 13786
Kato, T. *see* Morita, T. 11794
Kato, T. *see* Oda, T. 38106
Kato, T. *see* Okubo, H. 19889
Kato, T. *see* Okubo, H. 38926
Kato, T. *see* Satoh, M. 31796
Kato, T. *see* Soga, T. 40463
Kato, T. *see* Suetsugu, Y. 55203
Kato, T. *see* Takeuchi, M. 40450
Kato, T. *see* Ueki, Y. 28841
Kato, T. *see* Yoshida, K. 43837
Kato, Y., Komiyama, K., Inoue, T. A broadband microwave correlation radiometer using a quadrature hybrid coupler 27862
Kato, Y., Miyajima, A., Shimasaki, T., Kanazawa, M., Miyanaga, I., Doi, M., Saiki, M., Suyama, T., Inaoka, M., Fuse, G., Domae, S., Tateiwa, K., Koizumi, T., Yasuhira, M. 0.35 μm CMOS process technology [for integration of multimedia system] 43314
Kato, Y., Takema, T., Hosaka, T. An overview of technologies for elevators and escalators, power-supply equipment, large-screen display units and building management systems 29663
Kato, Y., Ueoka, Y., Kono, E., Hagimoto, E. Solder bump forming using micro punching technology 12014
Kato, Y. *see* Arakawa, T. 31848
Kato, Y. *see* Fujimoto, Y. 23438
Kato, Y. *see* Geun-Young Yoon 33600
Kato, Y. *see* Hirachi, K. 9365
Kato, Y. *see* Inoue, Y. 49326
Kato, Y. *see* Koga, H. 41166
Kato, Y. *see* Nakagawa, S. 35635
Kato, Y. *see* Okoshi, H. 10154
Kato, Y. *see* Sharma, L.B. 14341
Kato, Y. *see* Sharma, L.B. 33460
Kato, Y. *see* Sone, S. 854
Kato, Y. *see* Takamatsu, J. 32262
Kato, Y. *see* Yamaguchi, H. 41538
Kato, Y. *see* Yoshida, M. 11441
Kato, Y. *see* Zhang, T. 3973
Kato, Z. *see* Sziranyi, T. 35090
Katoda, T. *see* Harun-ur, A.B.M. 31808
Katoh, D. *see* Bushida, K. 7534
Katoh, E. *see* Tsukamoto, H. 42379
Katoh, H., Matsuya, K., Takenoya, Y., Yoshizawa, K., Kai, H. Developing a custom application for TV design based 3D CAD system 27157
Katoh, J., Iwai, M., Iwata, N., Irie, Y., Michiura, M. Development of a sensor-equipped lighting fixture 39364
Katoh, K. *see* Fukuda, T. 866
Katoh, N. *see* Iwano, T. 670
Katoh, R. *see* Tanamoto, T. 22355
Katoh, S. *see* Baba, H. 49065
Katoh, T., Yasuda, K., Watanabe, T., Kuwano, H. Development of visual aqueous sensing network system 17107
Katoh, T., Zhang, Y. Direct micromachining and thin film deposition of polytetrafluoroethylene using synchrotron radiation ablative photodecomposition 43369
Katoh, T. *see* Ishida, Y. 30266
Katoh, T. *see* Kuwano, H. 38112
Katoh, T. *see* Yamada, M. 20879
Katoh, Y., Fujieda, S., Hayashi, Y., Kunio, T. Non-volatile FCG (ferroelectric-capacitor and transistor-gate connection) memory cell with non-destructive read-out operation 1353
Katoh, Y., Shimokozono, M., Sugimoto, N., Tate, A., Tanno, M., Fukuda, S., Ryuoh, T. Yb-doped gadolinium gallium garnet buried-channel waveguide laser operated at 1.025 μm and room temperature 33456
Katoh, Y., Yamada, K., Kunji, T., Ogawa, Y. Integrated tunable DBR laser grown by selective area MOVPE 24020
Katoh, Y. *see* Noumi, H. 37073
Katoh, Y. *see* Shinnoh, T. 14645
Katoh, Y. *see* Sugimoto, N. 3442
Katolikov, G.V. *see* Gornov, A.O. 20100
Katona, T.T. *see* Gonzalez-Cinca, R. 30733
Katopis, G., Singh, B., Becker, W., Smith, H. Delta-I modeling approximation for single chip modules 39813
Katopis, G.A. *see* Deutsch, A. 43289
Katori, K. *see* Isobe, C. 52799
Katory, M. *see* Wang, D.J. 29143
Katou, A. *see* Nishihara, M. 58905
Katou, M. *see* Yamada, S. 994
Katou, S. *see* Tamura, Y. 7084
Katruff, M. ISDN...on radio in the local loop near you 35784
Kats, M.M. *see* Akimov, V.A. 28024
Katsafouros, S. *see* Haralabidis, N. 28048
Katsaggelos, A.K. Recent trends in image restoration and enhancement techniques 57210
Katsaggelos, A.K. *see* Banham, M.R. 46337
Katsaggelos, A.K. *see* Brailean, J.C. 57015
Katsaggelos, A.K. *see* Efstratiadis, S.N. 15631
Katsaggelos, A.K. *see* Hong, M.-C. 15599
Katsaggelos, A.K. *see* Mateos, J. 15598
Katsaggelos, A.K. *see* Molina, R. 57274
Katsaggelos, A.K. *see* Moon Gi Kang 57190
Katsaggelos, A.K. *see* Ozcelik, T. 25386
Katsaggelos, A.K. *see* Schuster, G.M. 5157
Katsaggelos, A.K. *see* Schuster, G.M. 15596
Katsaggelos, A.K. *see* Schuster, G.M. 25576
Katsaggelos, A.K. *see* Schuster, G.M. 56621
Katsaggelos, A.K. *see* Schuster, G.M. 57099
Katsaggelos, A.K. *see* Tom, B.C. 56968
Katsaggelos, A.K. *see* Tsai, C.-J. 56635
Katsaggelos, A.K. *see* Tull, D.L. 5147
Katsaggelos, A.K. *see* Tull, D.L. 25310
Katsaggelos, A.K. *see* Tull, D.L. 57498
Katsan, L.F., Potapov, A.I., Sokolov, O.L. Radar introscope for the automated detection and identification of small objects 40729
Katsanevas, S. *see* Ball, A.E. 37041
Katsaros, A. *see* Langaris, C. 52422
Katsaros, A. *see* Langaris, C. 52424
Katsavounidis, E. *see* Cecchini, S. 7822
Katsavounidis, I., Jay Kuo, C.-C. A multiscale error diffusion technique for digital halftoning 35299
Katscher, U., Dossel, O., Fuchs, M., Wischmann, H.-A., Wagner, M., Drenckhahn, R., Hoppe, W. The generalized point spread function as an evaluation of "myocardial current imaging" 49667
Katsenos, J., Karaboulas, D., Doukas, A., Kotsopoulos, S., Zevgolis, D. On the experimental testing of the single mode laser diode at 840 nm for implementing low cost microcellular optical transceivers 26585
Katsiashvili, M. *see* Jishiashvili, D. 54281
Katsibas, K.D., Balanis, C.A., Tirkas, P.A., Birtcher, C. Folded loop antenna for mobile communication systems 34314
Katsikas, S. *see* Gritzalis, D. 16110
Katsikas, S.K. *see* Marinitsis, I.A. 16856
Katsikini, M., Paloura, E.C., Moustakas, T.D. Application of near-edge X-ray absorption fine structure for the identification of hexagonal and cubic polytypes in epitaxial GaN 22219
Katsis, D.C., Lee, F.C. A single switch buck converter for hybrid electric vehicle generators 29842
Katsman, A., Levin, L. Electromigration in thin metal films in the presence of two stress-relaxation mechanisms 42770
Katsnel'son, S., Zagorskii, A.V. Spatial effects in a railgun plasma armature 24402
Katsouleas, T.C. *see* Lai, C.H. 4276
Katsouleas, T.C. *see* Lai, C.H. 12084
Katsriku, F.A. *see* Anwar, N. 55305
Katsu, K., Inagawa, M., Aoki, M., Saito, T., Kibi, Y. Characteristic of electric double layer capacitor for power use 31541
Katsu, K., Inagawa, N., Aoki, M., Saito, T., Kibi, Y. Characteristics of electric double layer capacitors for power supply 21986
Katsube, T. *see* Hiratsuka, N. 17594
Katsube, T. *see* Uchida, H. 27652
Katsukawa, H., Yokoi, S. Optical current transducer with bulk type $Bi_{12}SiO_{20}$ Faraday sensor for power systems 58794
Katsukawa, H. *see* Mizuno, K. 19916
Katsuki, N., Wakita, S., Nishiki, Y., Shimamune, T., Akiba, Y., Iida, M. Electrolysis by using diamond thin film electrodes 54316
Katsuki, S., Akiyama, H., Sueda, T., Koga, Y., Sato, K.N. Performance of a 1.5 m augmented railgun using a permanent magnet 44999
Katsuki, S., Sueda, T., Koga, Y., Akiyama, H., Sato, K.N. Spectroscopic measurements of railgun plasma armatures in an augmented railgun using a permanent magnet 24403
Katsuki, S. *see* Sueda, T. 32644
Katsuma, M. *see* Shimura, M. 13808
Katsumata, A. *see* Sasaki, A. 36517
Katsumata, H., Kobayashi, N., Makita, Y., Hasegawa, M., Hayashi, N., Shibata, H., Uekusa, S. Photoluminescence studies of epitaxial $Si_{1-x}Ge_x$ and $Si_{1-x-y}Ge_yC_y$ layers on Si formed by ion beam synthesis 42030
Katsumata, H., Makita, Y., Kobayashi, N., Shibata, H., Hasegawa, M., Aksenov, I., Kimura, S., Obara, A., Uekusa, S. Optical absorption and photoluminescence studies of β-$FeSi_2$ prepared by heavy implantation of Fe^+ ions into Si 2314
Katsumata, H., Makita, Y., Takahashi, H., Shibata, H., Kobayashi, N., Hasegawa, M., Kimura, S., Obara, A., Tanabe, J., Uekusa, S. Optical, electrical and structural properties of polycrystalline β-$FeSi_2$ thin films fabricated by electron beam evaporation of ferrosilicon 31930
Katsumata, H. *see* Kobayashi, N. 10791
Katsumata, H. *see* Kobayashi, N. 42392
Katsumata, H. *see* Shibata, H. 31907
Katsumata, M., Kawahira, H., Sugawara, M., Nozawa, S. A chemically amplified resist process for 0.25 μm generation photomasks 22638
Katsumata, M. *see* Kawahira, H. 22632
Katsumata, Y. *see* Momose, H.S. 41463
Katsumata, Y. *see* Ohguro, T. 41460
Katsume, T., Hiramoto, M., Yokoyama, M. Photocurrent multiplication in naphthalene tetracarboxylic anhydride film at room temperature 13799
Katsumoto, S., Kimura, M. Tunable parity effect in coupled superconducting single-electron transistors 23403
Katsumoto, S. *see* Iye, Y. 12466
Katsuno, S. *see* Koike, A. 5257
Katsunori Shida *see* Desheng Li 27446
Katsura, K. *see* Tsunetsugu, H. 12008
Katsura, K. *see* Tsunetsugu, H. 42635
Katsura, S., Kawaguchi, Y., Iga, K. Novel laser level using a conical beam formation principle by a multimode fiber 14241

Katsura, S. *see* Mizuno, A. 38107
Katsura, S. *see* Rajanikanth, B. 38460
Katsuragawa, M. *see* Takeuchi, T. 54223
Katsuta, K. *see* Ishida, A. 20807
Katsuyama, S. *see* Ito, M. 13411
Katsuyama, S. *see* Ito, M. 43713
Katsuyama, S. *see* Tanimoto, M. 56741
Katsuyama, T. *see* Hamakawa, A. 14194
Katsuyama, T. *see* Hashimoto, J. 14185
Katsuyama, T. *see* Hosomi, K. 22892
Katsuyama, T. *see* Miyao, M. 10786
Katsuyama, T. *see* Ogawa, K. 23662
Katta, V.R. *see* Grisch, F. 3975
Kattakayam, T.A., Khan, S., Srinivasan, K. Diurnal and environmental characterization of solar photovoltaic panels using a PC-AT add on plug in card 9558
Kattelus, H. *see* Riihisaari, T. 54812
Kattelus, H. *see* Ronkainen, H. 53713
Kattelus, H. *see* Tarvainen, E. 54826
Kattelus, H.P. *see* Pirila, N. 54487
Katter, M. *see* Fernengel, W. 3102
Katti, R.S. Nonprime memory systems and error correction in address translation 24648
Kattner, R., Scherber, F., Beste, L., Muller-Schloer, C., Barke, E. Speeding up parallel layout verification by simulation-based task scheduling 43179
Katto, J., Ohta, M. Novel algorithms for object extraction using multiple camera inputs 57454
Katto, J. *see* Marugame, A. 57451
Katto, M. *see* Hamanaka, F. 48716
Katulin, V.A. *see* Gureev, D.M. 39762
Katulka, G. *see* White, K.J. 33867
Katulka, G.L. Parametric study of high energy plasmas for electrothermal-chemical propulsion applications 44993
Katulka, G.L., Oberle, W.F., Wren, G.P., Okamitsu, J., Messina, N.A. Pulsed-power and high energy plasma simulations for application to electrothermal-chemical guns 33859
Katz, C. *see* Eager, G.S. 50590
Katz, C.A., Hewitt, J.N., Moore, C.B., Ellithorpe, J.D., Rabii, B., Barthelmy, S.D., Cline, T.L., Gehrels, N., Fishman, G., Kouveliotou, C., Meegan, C. The STARE project: first light 58518
Katz, D. *see* Riley, K. 8126
Katz, D.P. *see* Hemmer, P.R. 14354
Katz, D.S. *see* Cwik, T. 44864
Katz, E., Koltun, M., Polyak, L. Polycrystalline silicon solar cells: improvements in efficiency through hydrogen passivation 20039
Katz, E.A. *see* Koltun, M. 39046
Katz, H.E. *see* Dodabalapur, A. 13020
Katz, H.E. *see* Dodabalapur, A. 22078
Katz, H.E. *see* Torsi, L. 2618
Katz, H.E. *see* Torsi, L. 2725
Katz, H.E. *see* Vajdic, S.M. 35205
Katz, I., Slonim, M.A. Analysis of transient processes in a single phase cycloconverter 51336
Katz, I. *see* Gardner, B.M. 18729
Katz, J. *see* Hardek, T. 1925
Katz, J. *see* Miller, J.R. 7983
Katz, M. When CTI meets the Internet 46948
Katz, M., Wake, P. Electronic delivery of vital statistical reports 26073
Katz, M. *see* Rosenman, G. 1908
Katz, M. *see* Rosenman, G. 32671
Katz, P. Firewalls rule OK? 46928
Katz, R. *see* Chandra, S. 28262
Katz, R.A. *see* Frison, T.W. 28368
Katz, S. *see* Hudson, B. 49972
Katz, Y. *see* Zaslansky, R. 18403
Katzela, I., Veeraraghavan, M. Virtual trees routing protocol for a wireless ATM LAN 47055
Katzen, B.T. Interventional radiology: past, present and future 7916
Katzenberger, J. Remote sensing and inner city youth: a pilot collaboration of the Aspen Global Change Institute's Ground Truth Studies and the 4-H After School programs 98
Katzer, D.S. *see* Anderson, G.W. 33269
Katzer, D.S. *see* Rabinovich, W.S. 3452
Katzer, D.S. *see* Tonucci, R.J. 32327
Katzin, P. *see* Shifrin, M. 11663
Katzir, A. *see* Bunimovich, D. 33013
Katzir, A. *see* Dankner, Y. 36943
Katzir, A. *see* Eyal, O. 43927
Katzir, A. *see* Eyal, O. 48975
Katzir, A. *see* Kastner, J.F. 18929
Katzir, A. *see* Shalem, S. 33045
Katzmann, F.L., Klonz, M., Spiegel, T., Kessler, E. Thin-film isothermal dual heater thermal AC/DC converter with thermoresistive sensing 27358
Kaufel, G. *see* Berroth, M. 36182
Kaufel, G. *see* Hurm, V. 44318
Kaufel, G. *see* Lao, Z. 31202
Kaufel, G. *see* Lao, Z. 48001
Kaufel, G. *see* Thiede, A. 41131
Kauff, P., Makai, B., Rauthenberg, S., Golz, U., De Lameillieure, J.L.P., Sikora, T. Functional coding of video using a shape-adaptive DCT algorithm and an object-based motion prediction toolbox 35191
Kauffmann, J.M. *see* Glises, R. 9240
Kauffmann, J.M. *see* Mangel, H. 38715
Kauffmann, J.M. *see* Moudjahed, M. 28728
Kauffmann, J.M. *see* Tnani, S. 38738
Kaufhold, M., Bamji, S.S., Bulinski, A.T. Time resolved measurements of electroluminescence in XLPE under impulse voltage conditions 19353
Kaufhold, M., Bamji, S.S., Bulinski, A.T. Optical detection of partial discharges in gas-insulated systems 43463
Kaufhold, M., Bamji, S.S., Bulinski, A.T. Electroluminescence in XLPE under impulse voltage stress 43538
Kaufman, B. Design issues for use of flash memory devices in solid state recorders 1379
Kaufman, L.S., Stewart, J., Thomas, B., Deffner, G. Computers and telecommunications in the year 2000–multi-modal interfaces, miniaturisation, and portability 57703
Kaufman, M. *see* Burke, G. 59985
Kaufmann, B. *see* Scholz, F. 30829
Kaufmann, B. *see* Scholz, F. 40365
Kaufmann, C. *see* Baumann, J. 42640
Kaufmann, D. *see* Romrell, G. 18746
Kaufmann, D.N. *see* Cohen, C.E. 60003
Kaufmann, E. *see* Brawner, D.A. 43826
Kaufmann, G.H. *see* Davila, A. 25314
Kaufmann, G.H. *see* Rodriguez-Vera, R. 35237
Kaufmann, H.H. *see* Eick, W. 28034
Kaufmann, H.H. *see* Eick, W. 59238
Kaufmann, J. Protecting data in today's network environment 5939
Kaufmann, J. Analog link design 6782
Kaufmann, J., Moss, M.G., Yongqiang Wang, Giedd, R.E. Suspended conductive polymer bridges from ion implanted polymers f1751
Kaufmann, J., Moss, M.G., Yongqiang Wang, Giedd, R.E. Conductive polymer films for microbolometer applications 27564
Kaufmann, J. *see* Giedd, R.E. 10964
Kaufmann, J. *see* Neurohr, K. 22448
Kaufmann, M. *see* Pixley, C. 36430
Kaufmann, U. *see* Kunzer, M. 31854
Kaufmann, V. *see* Bamberger, A. 7787
Kaufmann, V. *see* Bamberger, A. 37358
Kaukinen, S. *see* Koobi, T. 59606
Kaul, A. *see* Christopher, S. 4340
Kaul, I.K. *see* Kaul, S.K. 48466
Kaul, S.K., Koul, R., Bhat, C.L., Kaul, I.K., Tickoo, A.K. Use of a 'look-up' table improves the accuracy of a low-cost resolver-based absolute shaft encoder [and implementation in gamma-ray telescope] 48466
Kaulfuss, G. *see* Missbach, C. 38592
Kaulich, T.W. *see* Laub, W.U. 49773
Kaumanns, J. Measurements and modelling in the current zero region of vacuum circuit breakers for high current interruption 29474
Kaune, W. *see* Preece, A.W. 37896
Kaune, W.T., Guttman, J.L., Kavet, R. Comparison of coupling of humans to electric and magnetic fields with frequencies between 100 Hz and 100 kHz 49810
Kaunisto, R., Webster, D., Haigh, D. Improved MMIC active filters based on passive LC resonators with active negative resistance circuits 21980
Kaup, A. Adaptive low-pass extrapolation for object-based texture coding of moving video 56881
Kaup, A. *see* Kutka, R. 15595
Kaup, D.J., Lakoba, T.I., Malomed, B.A. Asymmetric solitons in mismatched dual-core optical fibers 13620
Kaup, D.J. *see* Burtsev, S. 58302
Kauppinen, E. *see* Laitinen, A. 24379
Kauppinen, H., Silven, O. The effect of illumination variations on color-based wood defect classification 1018
Kauppinen, P., Hyttinen, J., Malmivuo, J. Calculation of impedance cardiography measurement sensitivity–application of reciprocity 59601
Kauppinen, P. *see* Heinonen, T. 28282
Kauppinen, P. *see* Hyttinen, J. 49697
Kauppinen, T., Koskinen, M., Koobi, T. The scatter correction for cardiac output in the radionuclide first pass measurement 28292
Kaur, M., Yufeng Liang A high frame rate display system for study of motion perception 35161
Kaura, V. A new method to linearize any triangle comparison based PWM by reshaping the modulation command 29449
Kaura, V., Blasko, V. Operation of a voltage source converter at increased utility voltage 29400
Kaura, V., Blasko, V. Operation of a phase locked loop system under distorted utility conditions 38236
Kaura, V. *see* Blasko, V. 29398
Kaura, V. *see* Blasko, V. 60857
Kauranen, M. *see* Maki, J.J. 44721
Kauraniemi, J., Laakso, T.I., Hartimo, L., Ovaska, S.J. Roundoff noise minimization in a direct form delta operator structure 15360
Kauschke, M., Haberstroh, C., Quack, H. Safe and efficient operation of multistage cold compressor systems 49025
Kausel, W. PCS: personal communication services: the possibilities of cellular services in the bands of 900 MHz and 1.8 GHz 26564
Kaushal, S. *see* Dalal, V. 39133
Kaushik, N., Jain, P., Joos, G. Design of a near unity power factor single phase trapezoidal AC power supply for hybrid fiber/coax network 51291
Kaushik, N., Joos, G., Jain, P. Near unity power factor single phase trapezoidal AC power supply with minimum DC bus capacitor 38818
Kaushik, S.C. *see* Singh, N. 29151
Kaushika, N.D., Arulanantham, M. Transmittance-absorptance product of solar glazing with transparent insulation materials 39044
Kaushikkar, S. *see* Li, D. 59477
Kautek, W., Pentzien, S., Conradi, A., Kruger, J., Brzezinka, K.-W. Pulsed-laser deposition and boron-blending of diamond-like carbon (DLC) thin films 905
Kautonen, A., Leppanen, V., Penttonen, M. Simulations of PRAM on complete optical networks 16685
Kautsky, J. *see* Turcajova, R. 34995
Kautz, D. *see* Blazek, R. 53861
Kautz, R. *see* Arad, M.A. 16044
Kava, J.D. *see* Xie, R.J. 54479
Kavadias, S. *see* Gauthier, C. 59190
Kavaklioglu, K., Upadhyaya, B.R., Erbay, A.S. Online thermal performance monitoring of PWR's using computational neural networks 38479
Kavaliauskas, J., Krivaite, G., Galickas, A., Shimkiene, I. Electric field dependence of exciton transitions in InGaAs/GaAs asymmetric step quantum wells 42118
Kavalyauskene, G. *see* Rinkyavichyus, V. 2035
Kavan, L. *see* Rousar, I. 9542
Kavanagh, K. *see* Dubbelday, W.B. 43258
Kavanagh, K.L. *see* Bi, W.G. 22261
Kavanagh, K.L. *see* Goldman, R.S. 2105
Kavanagh, K.L. *see* Goldman, R.S. 52622
Kavanagh, K.L. *see* Li, N.Y. 52619
Kavanagh, K.L. *see* Morgan, B.A. 22435
Kavanagh, K.M. *see* Witkowski, F.X. 59376
Kavanaugh, S. *see* Parker, J. 20496
Kavasseri, R., Keating, T., Wittman, M., Joshi, A., Weerwarana, S. Web intelligent query–disconnected Web browsing using cooperative techniques 6134
Kavcic, A., Yang, B. Subspace tracking with adaptive threshold rank estimation 24911
Kaveh, A., Roosta, G.R. A graph theoretical method for frontwidth optimization 10570
Kaveh, M., Brown, T., Ghazi-Moghadam, V. Detection of code division multiple access signals in a multiuser environment using antenna arrays 6666
Kaveh, M. *see* Brown, T.A. 26473
Kaveh, M. *see* Buckley, K. 21407
Kaveh, M. *see* Ghazi-Moghadam, V. 4678
Kaveh, M. *see* Yu-Li You 25572
Kaveh, M. *see* Yu-Li You 57272
Kavehrad, M. *see* Simova, E. 23533
Kavertsev, S.V., Belyaev, A.E. Influence of elastic stresses on the character of epitaxial crystallization of (Hg,Mn)Te 52605
Kavertsev, S.V. *see* Beketov, G.V. 54059
Kavet, R. EMF and current cancer concepts 8182
Kavet, R. *see* Kaune, W.T. 49810
Kavet, R. *see* Kheifets, L.I. 59835
Kaviani, K. *see* Bond, A.E. 13008
Kaviani, K. *see* Chen, A. 13541
Kavipurapu, A. *see* Egolf, T. 31055
Kavokin, A.V. *see* Kaliteevski, M.A. 12397
Kavokin, A.V. *see* Ribayrol, A. 22367
Kavokin, K.V. *see* Kochereshko, V.P. 22371
Kavokin, K.V. *see* Yakovlev, D.R. 54209
Kawa, E. *see* Konate, A. 4019
Kawaai, S. *see* Ogawa, T. 55910
Kawabata, A. *see* Adachi, M. 930
Kawabata, A. *see* Futakuchi, T. 931
Kawabata, J. *see* Minagawa, H. 33856
Kawabata, K., Nishioka, N., Po Chih Lin, Nakamura, H., Kobayashi, H. Distance measurement method under multiple ultra sonic sensors environment 48880
Kawabata, K., Ogawa, H., Yonekura, Y., Suzuki, L.H., Suzuki, M., Iwasaka, Y., Shibata, T., Sakai, T. Ground-based radiometry of stratomesospheric ozone employing a superconductive receiver 60038
Kawabata, K. *see* Ito, M. 50913
Kawabata, K. *see* Izumi, A. 778
Kawabata, K. *see* Shibahara, K. 43064
Kawabata, K. *see* Umemura, S. 8103
Kawabata, M. *see* Noumi, H. 37073
Kawabata, S. *see* Kimura, A. 43778
Kawabata, S. *see* Nakagawa, M. 17588
Kawabata, T., Kawabata, Y., Nishiyama, K. New configuration of high-power inverter drives 9746
Kawabata, T., Tamoto, M. Back-off method for n-gram smoothing based on binomial posteriori distribution 14894
Kawabata, T. *see* Kawabatd, Y. 61110
Kawabata, T. *see* Komatsu, Y. 9254
Kawabata, T. *see* Komatsu, Y. 50330
Kawabata, T. *see* Nakatani, T. 45804
Kawabata, T. *see* Okuno, H.G. 56377
Kawabata, Y. *see* Kawabata, T. 9746
Kawabata, Y. *see* Komatsu, Y. 9254
Kawabatd, Y., Nishiyama, K., Ejiogu, E.C., Kawabata, T. New configuration of high-power drive system using wound rotor induction motor 61110
Kawabe, H. *see* Yasutake, K. 52631
Kawabe, M. *see* Chun, Y.-J. 716
Kawabe, M. *see* Chun, Y.J. 12481
Kawabe, M. *see* Chun, Y.J. 30739
Kawabe, N. *see* Fukasawa, A. 6588
Kawabe, R. *see* Asaki, Y. 17020
Kawachi, G., Graeff, C.F.O., Brandt, M.S., Stutzmann, M. Carrier transport in amorphous

silicon-based thin-film transistors studied by spin-dependent transport 2617
Kawachi, G., Graeff, C.F.O., Brandt, M.S., Stutzmann, M. Saturation measurements of electrically detected magnetic resonance in hydrogenated amorphous silicon based thin-films transistors 32408
Kawachi, H. *see* Fukuda, H. 39363
Kawachi, K. *see* Lijiang Zeng 27888
Kawachi, K. *see* Lijiang Zeng 36902
Kawachi, K. *see* Lijiang Zeng 48891
Kawachi, K. *see* Lijiang Zeng 59014
Kawachi, K. *see* Zeng, T. 48912
Kawachi, M. Recent progress in silica-based planar lightwave circuits on silicon 3652
Kawachi, M. *see* Ninomiya, K. 49906
Kawachi, T. *see* Nirasawa, H. 19661
Kawachiya, K. *see* Yamanouchi, N. 26192
Kawada, H. *see* Hoshino, T. 12175
Kawada, H. *see* Ikegami, K. 327
Kawada, K. *see* Hamada, Y. 7081
Kawada, M., Kawasaki, Z.-I., Matsuura, K., Musashiya, T., Otoba, K., Kuroki, S., Moriyama, T. Development of a new system for detecting microwave associated with a partial discharge of the stator coil in generator using spatial phase difference method 60642
Kawada, M., Wada, M., Kawasaki, Z., Matsu-ura, K., Kawasaki, M. Time-frequency analysis of partial discharge phenomena in SF_6 gas using wavelet transform 54978
Kawada, T., Yokokawa, H. Materials and characterization of solid oxide fuel cell 38962
Kawada, T. *see* Horita, S. 878
Kawada, T. *see* Kato, K. 48763
Kawada, T. *see* Rak-Hyun Song 51525
Kawada, T. *see* Yasuda, I. 29620
Kawada, T. *see* Yokokawa, H. 29616
Kawagoe, K. *see* Ishii, K. 49323
Kawagoe, K. *see* Uchida, H. 47020
Kawagoe, T., Kawakami, H., Soga, K., Tanaka, K., Okazaki, H., Hasegawa, S. On the design and an implementation of broadband access management systems 35621
Kawaguchi, D. *see* Ogata, K.-I. 40471
Kawaguchi, E. *see* Kamata, S. 5657
Kawaguchi, E. *see* Noda, H. 5564
Kawaguchi, E. *see* Noda, H. 15471
Kawaguchi, H., Isoda, M., Honma, T. Consideration on the Dirichlet-gauge boundary element method from topological point of view 44878
Kawaguchi, H. *see* Matsuoka, J. 14203
Kawaguchi, H. *see* Neogi, A. 55843
Kawaguchi, I., Ikeda, H., Kaga, S., Ohtsuki, H. Power supply system in Yamanashi Maglev Test Line 20161
Kawaguchi, J., Inaishi, M., Sugisaki, A.M. Development of a course estimation recognition map 48182
Kawaguchi, K., Iwasaki, C., Muraoka, M. A RTL partitioning method with a fast min-cut improvement algorithm 40792
Kawaguchi, K. *see* Hosokawa, T. 53124
Kawaguchi, K. *see* Nagai, H. 36323
Kawaguchi, K. *see* Tsuji, O. 10025
Kawaguchi, K. *see* Yamamoto, T. 55123
Kawaguchi, K. *see* Yasuda, K. 706
Kawaguchi, M. *see* Amano, H. 10807
Kawaguchi, M. *see* O'Sullivan, E. 21515
Kawaguchi, N. *see* Fejes, I. 36302
Kawaguchi, N. *see* Hashimoto, S. 16232
Kawaguchi, N. *see* Katagiri, S. 58521
Kawaguchi, S. *see* Abe, S. 28594
Kawaguchi, S. *see* Ohoka, H. 48390
Kawaguchi, T., Baba, T. 3-D object recognition using a genetic algorithm 5541
Kawaguchi, T., Imaeda, M., Minakata, M., Taniuchi, T., Fukuda, T. Growth of $LiNbO_3/LiNb_{1-x}Ta_xO_3$ multilayered waveguides on $LiNbO_3$ by liquid phase epitaxy 13637
Kawaguchi, T., Imaeda, M., Ohuchi, R., Minakata, M., Taniuchi, T., Fukuda, T. Growth-temperature dependence of the Li/Nb ratio in LPE-grown $LiNbO_3$ films estimated by second-harmonic generation 10688
Kawaguchi, T., Kitayama, H., Imaeda, M., Ito, S., Kaigawa, K., Taniuchi, T., Fukuda, T. Stoichiometry of liquid-phase epitaxial grown $LiNb_{1-x}Ta_xO_3$ films on $LiNbO_3$ substrates 13533
Kawaguchi, T., Maruno, S. Time responses of photovoltage and photocurrent observed in Ag-rich Ag-As(Ge)-S glass 23660
Kawaguchi, T., Maruno, S. Photosurface deposition of Ag on Ag-rich Ag-Ge-S films: analysis of change in the optical transmission spectra 40558
Kawaguchi, T., Maruno, S., Elliott, S.R. Optical and electrical properties of amorphous Cu-rich Cu-Ge-S films: photoinduced and thermally induced phenomena 12303
Kawaguchi, T., Nagao, M. Approximation of digitized curves by maximum perimeter polygons 15466
Kawaguchi, T. *see* Inaba, H. 4484
Kawaguchi, T. *see* Minami, Y. 11965
Kawaguchi, T. *see* Yoshida, H. 11202
Kawaguchi, Y., Iso, N., Hirata, R. Two graphs for efficient routability checking 21425
Kawaguchi, Y., Komiyama, S., Osada, T., Shiraki, Y. Nonlocal nature of the breakdown of the integer quantum Hall effects 12474
Kawaguchi, Y., Yamaguchi, Y., Funaki, H., Terazaki, Y., Nakagawa, A. 0.8 μm CMOS process compatible 60 V-100 $m\Omega \cdot mm^2$ power MOSFET on bonded SOI 54669
Kawaguchi, Y. *see* Iso, N. 40840
Kawaguchi, Y. *see* Katsura, S. 14241
Kawaguchi, Y. *see* Okamoto, H. 44283
Kawaguchi, Y. *see* Shimizu, M. 30830
Kawaguchiya, H. *see* Aoki, M. 1349
Kawaguchiya, H. *see* Kikuchi, Y. 31256
Kawaguchiya, H. *see* Sunouchi, K. 41169
Kawahara, A. *see* Fukushima, T. 1475
Kawahara, H. *see* Abe, K. 37234
Kawahara, H. *see* Tanioka, M. 41706
Kawahara, J. *see* Hayashi, Y. 2443
Kawahara, K., Sasaki, H., Kubokawa, J., Asahara, H. A proposal of a supporting system for outage planning of electric power facilities retaining high power supply reliability 28845
Kawahara, K., Shidama, Y., Miyazaki, T., Nakamura, Y., Yamaura, H. Image processing with fuzzy topology and mathematical morphology 25718
Kawahara, M. *see* Okayama, H. 58271
Kawahara, R., Asaka, T. Overload control for intelligent networks based on an estimation of maximum number of calls in a node 26281
Kawahara, R., Nakayama, O., Kurasawa, T. The effectiveness of IDDQ and high voltage stress for burn-in elimination [CMOS production] 23000
Kawahara, S. *see* Xiao-Gang Zhang 51556
Kawahara, T., Adachi, S. Video transmission technology with effective error protection and tough synchronization for wireless channels 58188
Kawahara, T., Jyouno, Y., Saeki, S., Miyamoto, N., Kimura, K. 20-Mb/s erase/record flash memory by asymmetrical operation 1415
Kawahara, T., Kitaoku, N., Doshita, S. Concept-based phrase spotting approach for spontaneous speech understanding 14919
Kawahara, T., Kobayashi, T., Jyouno, Y., Saeki, S.-i., Miyamoto, N., Adachi, T., Kato, M., Sato, A., Yugami, J., Kume, H., Kimura, K. Bit-line clamped sensing multiplex and accurate high voltage generator for quarter-micron flash memories 1331
Kawahara, T., Yamamuka, M., Yuuki, A., Ono, K. $(Ba,Sr)TiO_3$ films prepared by liquid source chemical vapor deposition on Ru electrodes 837
Kawahara, T., Yamamuka, M., Yuuki, A., Ono, K. Liquid source chemical vapor deposition of high dielectric constant $(Ba,Sr)TiO_3$ films 53301
Kawahara, T. *see* Mikami, N. 21990
Kawahara, Y., Asahida, M., Yokota, H., Okuyama, T., Naruo, K. Video door intercom system 17108
Kawahigashi, H., Tanaka, K.-I., Oshima, K. The least hop path planning using neural network 25965
Kawahigashi, M., Murakami, T., Kato, H. Research of newly developed polypropylene with stereoregularity as insulating material 19330
Kawahira, H., Katsumata, M., Tsudaka, K., Ogura, A., Tomita, M., Nozawa, S. Manufacturing feasibility of OPC masks for 0.25 μm rule devices 22632
Kawahira, H. *see* Katsumata, M. 22638
Kawahira, H. *see* Sugawara, M. 2468
Kawahito, S., Satoh, H., Sutoh, M., Tadokoro, Y. High-resolution micro-fluxgate sensing elements using closely coupled coil structures 17261
Kawahito, S., Sutoh, M., Yamasawa, A., Tadokoro, Y. Micro fluxgate magnetic sensors using planar coils wrapped around a film core 27524
Kawahito, S., Tadokoro, Y. CMOS class-AB current mirrors for precision current-mode analog-signal-processing elements 11617
Kawahito, S., Yamasawa, A., Koga, S., Tadokoro, Y., Mizuno, K., Tabata, O. Digital interface circuits using sigma-delta modulation for integrated micro-fluxgate magnetic sensors 7238
Kawahito, S., Yoshida, M., Tadokoro, Y., Matsuzawa, A. An analog two-dimensional discrete cosine transform processor for focal-plane image compression 35342
Kawahito, S. *see* Choi, S.O. 27454
Kawahito, S. *see* Harada, K. 49408
Kawahito, S. *see* Kee-Ho Yu 25502
Kawahito, S. *see* Koga, S. 58714
Kawahito, S. *see* Matsumoto, Y. 36532
Kawai, A., Uchida, K., Kamiya, K., Gotoh, A., Yoda, S., Urabe, K., Ikazaki, F. Effect of dielectric property of hydrous dispersoid on electrorheology 966
Kawai, C.T. How a US patent protects you, and does your product qualify for a US patent? 30085
Kawai, H., Sasaki, Y., Inoue, T., Inoi, T., Takahashi, S. High power transformer employing piezoelectric ceramics 2986
Kawai, H., Sasaki, Y., Inoue, T., Inoi, T., Zama, K., Takahashi, S. High power piezoelectric ceramics 32663
Kawai, H., Takeuchi, Y. Processing unit for stacked optical computing system: pattern shift encoder 23610
Kawai, H. *see* Matsumoto, Y. 36532
Kawai, H. *see* Matsuyama, K. 41184
Kawai, H. *see* Otawa, H. 7946
Kawai, H. *see* Umeno, T. 39342
Kawai, J. *see* Li, Y. 54904
Kawai, J. *see* Ohki, Y. 43525
Kawai, J. *see* Ying Li 54960
Kawai, K. An intelligent multimedia human interface for highly automated combined-cycle plants 50801
Kawai, K., Okuno, K., Sakamura, Y., Yamashita, M., Fujiwara, M., Omaki, K. Hand-held GPS-based navigation system 17001
Kawai, K. *see* Shimizu, F.O. 33363
Kawai, M., Harada, M., Andou, A., Yamada, O., Satoh, R., Netsu, T. Highly accurate design of thermal fatigue life for flipchip joint 232
Kawai, M., Ishikawa, T. A study of terminal construction on surface mounted relay 22009
Kawai, M., Tanaka, S., Shiomi, T., Yasumi, M., Sawada, H., Miyamoto, W., Miura, Y., Shimizu, T. Development of real-time smoothed mask DSA (RSM-DSA) 18334
Kawai, M. *see* Hamada, Y. 7081
Kawai, M. *see* Sawada, H. 18333
Kawai, N. *see* Oohashi, T. 49593
Kawai, S., Kurita, H. Free-space optical switches with strictly nonblocking and self-routing functions 23617
Kawai, S., Suzuki, K.-I., Iwatsuki, K. Ultra-high speed long distance nonlinear waveform reshaping transmission using adiabatic soliton compression and narrowband sliding-frequency filter 6758
Kawai, S. *see* Funada, K. 6274
Kawai, S. *see* Iwatsuki, K. 16752
Kawai, S. *see* Iwatsuki, K. 26460
Kawai, S. *see* Kitano, M. 30250
Kawai, S. *see* Kurita, H. 44146
Kawai, S. *see* Suzuki, K.-I. 6815
Kawai, S. *see* Yao Li 13763
Kawai, T. Mobile communication device using MMIC technology 6632
Kawai, T. Pulsed laser deposition of dielectric and superconducting materials: Mechanisms and applications 21315
Kawai, T., Ikeda, M., Okada, M. Point-to-multipoint communication protocol on Window-based network presentation system 46711
Kawai, T., Tabata, H. Novel properties in artificially structured di- and ferro-electric thin films 23175
Kawai, T. *see* Fukami, T. 29258
Kawai, T. *see* Ohta, I. 21878
Kawai, T. *see* Onoda, M. 55390
Kawai, T. *see* Shibata, Y. 10860
Kawai, T. *see* Tabata, H. 23170
Kawai, T. *see* Tanaka, H. 32672
Kawai, Y. *see* Kato, T. 57999
Kawai, Y. *see* Ueda, Y. 40592
Kawaji, S. Breakdown of the integer quantum Hall effect at high currents in GaAs/AlGaAs heterostructures 2127
Kawaji, S. *see* Okamoto, T. 22195
Kawakami, A. A state-space design of two-dimensional digital filters 1596
Kawakami, A. A state-space realization form of two-dimensional digital filters 56524
Kawakami, A. *see* Zhen Wang 23401
Kawakami, H. Prospect of display devices 17642
Kawakami, H., Sano, A., Hagimoto, K. Gain optimisation of an erbium doped fibre for remote pumping system 47965
Kawakami, H. *see* Kawagoe, T. 35621
Kawakami, H. *see* Kitajima, H. 1648
Kawakami, H. *see* Kitajima, H. 40956
Kawakami, H. *see* Kogiso, S. 34414
Kawakami, H. *see* Mihara, T. 1167
Kawakami, H. *see* Nakamura, Y. 1163
Kawakami, H. *see* Odawara, K. 17617
Kawakami, H. *see* Papy, O. 1165
Kawakami, H. *see* Shoji, K. 1356
Kawakami, H. *see* Torii, K. 30933
Kawakami, H. *see* Torii, K. 55001
Kawakami, H. *see* Ueta, T. 1096
Kawakami, K. *see* Deai, H. 12565
Kawakami, K. *see* Shimizu, H. 39320
Kawakami, K. *see* Shimizu, H. 51743
Kawakami, M., Sugaya, M., Kamohara, S. A new high-speed non-equilibrium point defect model for annealing simulation 12620
Kawakami, N. *see* Suzuki, K. 32318
Kawakami, N. *see* Suzuki, T. 22714
Kawakami, S. *see* Jeong, K.T. 23950
Kawakami, S. *see* Kasahara, R. 43976
Kawakami, S. *see* Ogawa, O. 44013
Kawakami, S. *see* Ohtera, Y. 13732
Kawakami, S. *see* Yoda, H. 55370
Kawakami, T., Inoue, M., Kobayashi, Y., Nakashima, K. Detection of the event related brain potential and its application to communication aids 59817
Kawakami, T., Yoshikawa, T., Kajita, M., Kosaka, H., Kurihara, K., Sugimoto, Y., Kasahara, K. Polarization-switching noise reduction of vertical-cavity surface-emitting lasers by polarization control 23986
Kawakami, W. *see* Noguchi, K. 16736
Kawakami, Y. *see* Fukunaga, T. 59536
Kawakami, Y. *see* Hatano, K. 48683
Kawakami, Y. *see* Hyun-Chul Ko 12511
Kawakami, Y. *see* Narukawa, Y. 42098
Kawakami, Y. *see* Suda, J. 12728
Kawakita, K. *see* Ogawa, T. 11938
Kawakubo, K., Tanaka, K., Hiraishi, H. Formal verification of totally self-checking properties of combinational circuits 21648

Kawakubo, K., Tanaka, K., Hiraishi, H. Formal verification of self-testing properties of combinational circuits 53128
Kawakubo, T., Abe, K., Komatsu, S., Sano, K., Yanase, N., Mochizuki, H. Novel ferroelectric epitaxial (Ba,Sr)TiO_3 capacitor for deep submicron memory applications 43588
Kawakubo, T. *see* Ogata, A. 18018
Kawakyu, Y. *see* Hiramatsu, M. 12747
Kawall, J.G. *see* Vecchiarelli, J. 60553
Kawama, Y., Takami, A., Naomoto, H., Hamamoto, S., Ishihara, T. In-situ control in zone-melting recrystallization process for formation of high-quality thin film polycrystalline Si 30869
Kawamata, H. *see* Hosoyama, K. 49159
Kawamata, H. *see* Hosoyama, K. 49160
Kawamata, H. *see* Morita, Y. 43846
Kawamata, K., Minegishi, S., Haga, A., Sato, R. A direction finding of conducted interference using the coupled transmission lines 14656
Kawamata, M. *see* Choong Ho Lee 35054
Kawamata, M. *see* Yang, X. 15203
Kawamata, M. *see* Young-Ho Lee 15279
Kawamata, M. *see* Young-Ho Lee 53435
Kawamata, Y. *see* Yamaashi, K. 46470
Kawami, H. *see* Tomiye, H. 22449
Kawamoto, K. *see* Kuroda, T. 37176
Kawamoto, K. *see* Shiraishi, T. 21709
Kawamoto, K. *see* Yasuda, K. 706
Kawamoto, K. *see* Yasuda, K. 10767
Kawamoto, R. *see* Ootani, H. 20877
Kawamoto, S., Kanetaka, I. Decentralized system identification for electric power system 28775
Kawamoto, S., Kanetaka, I., Nojiri, K. Decentralized control based on equilibrium point control for three-machine electric power model system 38268
Kawamoto, S., Kuwata, A., Yamada, T. Equilibrium point control for one-machine infinite bus power model system 19119
Kawamoto, S., Takino, K., Nojiri, K. Fuzzy decentralized control for three-machine electric power model system 28790
Kawamoto, T. *see* Cecchi, C. 59168
Kawamoto, T. *see* Takuma, T. 44866
Kawamoto, T. *see* Tsumori, K. 37061
Kawamoto, T. *see* Yashima, M. 8902
Kawamoto, T. *see* Yoshida, T. 9427
Kawamoto, Y., Sato, Y., Okumura, Y. Sfida and LAViTESS X-ray CT scanners, continuous rotation type 18336
Kawamura, A., Higasa, H. Present technologies on motors and drive systems for electric vehicles. II. Power-train for electric vehicle 29753
Kawamura, A., Hirai, J., Aoyama, Y. Autonomous decentralized manufacturing system using high-speed network with inductive transmission of data and power 51893
Kawamura, A., Hoshi, N., Tae Woong Kim, Yokoyama, T., Kume, T. Analysis of anti-directional-twin-rotary motor drive characteristics for electric vehicles 39326
Kawamura, A., Hoshi, N., Tae Woong Kim, Yokoyama, T., Kume, T. Survey of anti-directional-twin-rotary motor drive characteristics for electric vehicles 51747
Kawamura, A. *see* Date, T. 17113
Kawamura, A. *see* Hirakawa, A.R. 39442
Kawamura, E. *see* Yao, T. 2466
Kawamura, H. The 26 year history of the Tokyo Metropolitan Prosthetic and Orthotic Research Institute 28431
Kawamura, H., Imai, N., Ogawa, E., Inomata, H. High-speed data transmission using millimeter-wave fiber-optic links 26574
Kawamura, H., Sano, E. A congestion control system for an advanced intelligent network 35789
Kawamura, H., Yonetani, H., Shima, K., Mikawa, T. Optoelectronic devices for analog transmission and their characteristics 3670
Kawamura, H. *see* Kawasaki, M. 16460
Kawamura, H. *see* Shimazaki, H. 26277
Kawamura, H. *see* Yamanaka, S. 32726
Kawamura, H. *see* Yong Hyuk Kim 43167
Kawamura, I. *see* Nakamura, K. 48770
Kawamura, J., Blundell, R., Tong, C.-y.E., Gol'tsman, G., Gershenzon, E., Voronov, B., Cherednichenko, S. Low noise NbN lattice-cooled superconducting hot-electron bolometric mixers at submillimeter wavelengths 43870
Kawamura, K., Deai, H., Morikawa, Y., Sakamoto, H., Yano, T., Hamaguchi, I., Takayama, S., Nagatake, Y., Matsumura, A., Tachimori, M., Nakashima, S. Gate oxide integrity on ITOX-SIMOX wafers 22460
Kawamura, K. *see* Enokizono, M. 9203
Kawamura, K. *see* Kanada, T. 23384
Kawamura, K. *see* Tachimori, M. 42293
Kawamura, M. A new measuring method of unsaturated inductances of synchronous machine 29262
Kawamura, M. *see* Ueno, A. 37029
Kawamura, M. *see* Yasuda, A. 7008
Kawamura, M. *see* Yasuda, A. 48183
Kawamura, R. *see* Yamashita, A. 46908
Kawamura, S., Abramovici, A., Zucker, M.E. Improved multistage wide band laser frequency stabilization [for LIGO interferometer] 33772
Kawamura, S. *see* Jing-Long Wu 27798
Kawamura, S. *see* Shimada, A. 27929
Kawamura, T., Suzuki, M., Genda, K., Endo, K., Fukuda, H. Very high-speed LSI technologies for an ATM switching system 16489
Kawamura, T., Yamanaka, N., Matsumura, T., Ichino, H., Yamaguchi, C., Kobayashi, Y. Sub-T bit/s large-capacity ATM MCM switching system design and modules with new low-power Gbit/s I/O circuits 16508
Kawamura, T. *see* Satoh, M. 16163
Kawamura, Y. *see* Choi, W.-Y. 26822
Kawamura, Y. *see* Onodera, A. 2941
Kawamura, Y. *see* Uchiori, Y. 51856
Kawana, H. *see* Mase, K. 5969
Kawana, T. *see* Onodera, S. 13445
Kawanaka, A. *see* Otake, T. 46082
Kawanaka, J. *see* Kitahara, M. 29871
Kawanaka, S. *see* Tanaka, T. 33576
Kawanaka, T. *see* Okada, H. 41942
Kawanami, Y. IN platform for DAVIC video on demand service 26304
Kawanami, Y., Wardale, C. An evolvable approach on IN capabilities for emerging video on demand service 47262
Kawanishi, H., Hagiwara, M. A shape detection method using improved genetic algorithm 15489
Kawanishi, H. *see* Kasai, J. 42130
Kawanishi, K. *see* Hori, K. 37665
Kawanishi, S. *see* Ikari, A. 10666
Kawanishi, S. *see* Morioka, T. 26826
Kawanishi, S. *see* Takara, H. 14263
Kawanishi, S. *see* Takiguchi, K. 6716
Kawanishi, S. *see* Uchiyama, K. 36095
Kawanishi, T. *see* Kozu, T. 28635
Kawann, C., Emanuel, A.E. Passive shunt harmonic filters for low and medium voltage: a cost comparison study 19101
Kawano, H., Kuratani, H., Shiroma, O. Network planning system (PLATON)–network design method for multicarrier networks 35528
Kawano, H. *see* Yamashita, K. 57779
Kawano, K., Kohtoku, M., Okamoto, H., Itaya, Y., Naganuma, M. Comparison of coupling characteristics for several spotsize-converter-integrated laser diodes in the 1.3-μm-wavelength region 44504
Kawano, K., Kohtoku, M., Wada, M., Okamoto, H., Itaya, Y., Naganuma, M. 3-D semivectorical beam propagation analysis of a spotsize-converter-integrated laser diode in the 1.3-μm-wavelength region 23905
Kawano, K., Kohtoku, M., Wada, M., Okamoto, H., Itaya, Y., Naganuma, M. Design of a spotsize-converter-integrated laser diode (SS-LD) with a lateral taper, thin-film core and ridge in the 1.3-μm-wavelength region based on the 3-D BPM 44489
Kawano, K. *see* Akatsu, Y. 16729
Kawano, K. *see* Cherukuri, N. 1863
Kawano, K. *see* Itaya, Y. 26909
Kawano, K. *see* Iţo, S. 32272
Kawano, K. *see* Kanai, H. 22646
Kawano, K. *see* Kato, T. 51866
Kawano, K. *see* Kitakaze, K. 17201
Kawano, K. *see* Tanaka, S. 2459
Kawano, M., Ajisawa, A.A., Oda, N., Nagashima, M., Wada, H. HgCdTe and CdTe($\bar{1}\bar{1}\bar{3}$)B growth on Si(112)5° off by molecular beam epitaxy 10675
Kawano, M., Ikuno, H., Nishimoto, M. Numerical analysis of the near-field and the surface current density in 3-D scattering problems 56008
Kawano, M., Kuzuhara, T., Kawasaki, H., Sasaki, F., Tokuda, H. InAlAs/InGaAs metamorphic low-noise HEMT 11715
Kawano, M. *see* Solin, S.A. 27441
Kawano, N., Moro, S., Mori, S. Synchronisation phenomena in RC oscillators coupled by one nonlinear negative resistor 31137
Kawano, N. *see* Yamamatsu, J. 11764
Kawano, R., Shibuya, S., Nagata, K., Yamamoto, M. Development of a research simulator for human factors. 1. An outline of development of the research simulator 60485
Kawano, R. *see* Shibuya, S. 60486
Kawano, T. *see* Narita, K. 44114
Kawano, T. *see* Sorita, R. 36752
Kawano, T. *see* Tamaki, K. 29209
Kawano, T. *see* Uedono, A. 54030
Kawarada, H. Hydrogen-terminated diamond surfaces and interfaces 42255
Kawarada, H. *see* Ka Wai Wong 2299
Kawarada, H. *see* Wang, S. 25503
Kawarada, H. *see* Wang, S.J. 56826
Kawarada, T. *see* Nishino, J. 52809
Kawarai, K. *see* Sugino, T. 10770
Kawarasaki, M., Ohnishi, K., Suzuki, T. NTT's open network architecture for intelligent network 47285
Kawas, M.J. *see* Gopalan, V. 14318
Kawas, M.J. *see* Li, J. 3456
Kawasaki, E. *see* Tsutsui, K. 42702
Kawasaki, H., Hu, C.K. An electromigration failure model of tungsten plug contacts/vias for realistic lifetime prediction 2445
Kawasaki, H. *see* Fiordalice, R. 2434
Kawasaki, H. *see* Gall, M. 42757
Kawasaki, H. *see* Kaneko, Y. 27767
Kawasaki, H. *see* Kawano, M. 11715
Kawasaki, J.L. Communicating information to remote locations takes training 85
Kawasaki, K., Uejima, K., Tsutsui, K. Site control of Ga droplet array on CaF_2 by surface modification using a focused electron beam 32324
Kawasaki, K. *see* Ishitobi, N. 11649
Kawasaki, K. *see* Mizuno, K. 22694
Kawasaki, K. *see* Takigawa, K. 60264
Kawasaki, K. *see* Tsutsui, K. 10829
Kawasaki, M., Kajima, K., Fukuda, Y., Kawamura, H. Development of new RT systems 16460
Kawasaki, M. *see* Kawada, M. 54978
Kawasaki, M. *see* Koinuma, H. 10787
Kawasaki, M. *see* Koinuma, H. 52609
Kawasaki, M. *see* Moriya, S. 28988
Kawasaki, M. *see* Senga, T. 2332
Kawasaki, M. *see* Ugai, Y. 40654
Kawasaki, N., Takagi, H., Takahashi, Y., Hasegawa, T. Analysis of the waiting time in $M^{[X]}/G/1$ queues with gated random order of service 30433
Kawasaki, O. *see* Hisamatsu, T. 37994
Kawasaki, O. *see* Ohshima, T. 29649
Kawasaki, O. *see* Taylor, S.J. 54574
Kawasaki, O. *see* Yamaguchi, M. 37976
Kawasaki, R., Ichitsubo, S., Oyoshi, T., Suwa, K. Microcell automatic propagation measuring system, MAPS, with location recognition and cell-site identification 14606
Kawasaki, R. *see* Ichitsubo, S. 26466
Kawasaki, R. *see* Ichitsubo, S. 47770
Kawasaki, R. *see* Yamaguchi, A. 47708
Kawasaki, S., Ishizuka, H., Shiho, M., Yokoo, K. Dynamics of microbeams from a point emitter and its array 18049
Kawasaki, S. *see* Ishizuka, H. 1920
Kawasaki, S. *see* Kaneko, M. 56197
Kawasaki, S. *see* Sugino, T. 53945
Kawasaki, T., Hazumi, M., Nagashima, Y., Senyo, K., Sumisawa, K., Takegai, T., Haba, J. Measurement of the spatial resolution of wide-pitch silicon strip detectors with large incident angle 59287
Kawasaki, T. *see* Nakajima, H. 52832
Kawasaki, T. *see* Senyo, K. 37386
Kawasaki, W. *see* Kaneita, A. 61315
Kawasaki, Y. *see* Shimizu, S. 2797
Kawasaki, Z. *see* Kawada, M. 54978
Kawasaki, Z.-I. *see* Kawada, M. 60642
Kawasaki, Z.-I. *see* Michihira, M. 19847
Kawase, I., Sato, M., Taniuchi, T., Ito, H. Characteristics of THz-wave radiation using a monolithic grating coupler on a $LiNbO_3$ crystal 44737
Kawase, K., Sato, M., Taniuchi, T., Ito, H. Coherent tunable THz-wave generation from $LiNbO_3$ OPO using grating coupler 33655
Kawase, K. *see* Jeong, K.T. 23950
Kawase, K. *see* Takanabe, S. 13734
Kawase, L.R., Carvalho, M.C.R., Margulis, W., Kashyap, R. Transmission of chirped optical pulses in fibre-grating dispersion compensated system 26898
Kawase, M. *see* Sawada, Y. 2339
Kawase, N., Yamabayashi, Y., Tomizawa, M., Matsuoka, S. Hitless frame switching scheme for SDH networks 46584
Kawase, S. Mechanical analogy of GPS position determination 48188
Kawase, S., Sawada, F. Development of differential radio-interferometer for relatively tracking geostationary satellites 7027
Kawase, Y., Hayashi, Y., Yamaguchi, T. 3-D finite element analysis of motors excited from voltage source taking into account end-coil effects 50912
Kawase, Y., Iha, S., Mori, H. Transient dynamic analysis of linear solenoid actuator using finite element method 55984
Kawase, Y., Mori, H., Ito, S. 3-D finite element analysis of repulsion forces on current-carrying contacts 11787
Kawase, Y., Mori, H., Ito, S. 3-D finite element analysis of electrodynamic repulsion forces in stationary electric contacts taking into account asymmetric shape 41563
Kawase, Y. *see* Ito, S. 51383
Kawase, Y. *see* Nakahata, A. 44985
Kawase, Y. *see* Ohdachi, Y. 50943
Kawashima, H. An analysis of torsional mode quartz crystal resonators with Galerkin's method and its application to research of new cuts 32771
Kawashima, H. Timoshenko's shear coefficient for transverse vibrations of trigonal crystals of rectangular cross section 38124
Kawashima, H., Matsuyama, M., Sunaga, K. Lame-mode quartz crystal resonators 13334
Kawashima, H., Sunaga, K. Quartz microresonator sensors for monitoring thin film thickness 13354
Kawashima, H. *see* Andoh, F. 36704
Kawashima, H. *see* Hara, K. 17573
Kawashima, H. *see* Won-Cheol Choi 43079
Kawashima, H. *see* Yamagata, S. 13349
Kawashima, K., Fujita, T., Kagawa, T. Unsteady flow rate measurement of air using isothermal chamber 59091
Kawashima, K. *see* Fujimoto, T. 27526
Kawashima, K. *see* Saito, H. 5758
Kawashima, K. *see* Saito, H. 26052
Kawashima, M., Miyamoto, M., Hayakawa, H. A multiunit ice-storage air-conditioning system for buildings 29883
Kawashima, M. *see* Inoue, M. 46561
Kawashima, S., Fuse, M., Kudo, Y., Nojima, K., Iwamoto, M., Yamamoto, H., Kitaji, S., Fujito, K.

Optical video transmission equipment employing wideband frequency modulation 16710
Kawashima, S., Tsunoda, K., Miyashita, M., Miyashita, Y., Yamanaka, T. Development of Japanese information radio pager to communicate with external port 47591
Kawashima, S., Watanabe, K., Kobayashi, K. Traffic condition monitoring by Kalman filtering of the incomplete laser radar signals 58484
Kawashima, S. *see* Nakajima, H. 7024
Kawashima, S. *see* Saito, M. 1397
Kawashima, T. *see* Imiya, A. 5279
Kawashima, Y. *see* Ego, H. 37045
Kawashima, Y. *see* Hara, M. 17909
Kawashima, Y. *see* Sone, T. 27663
Kawasumi, K. *see* Kazumi, M. 27768
Kawasumi, M. *see* Hasegawa, N. 23592
Kawasumi, N. *see* Ohoka, H. 48390
Kawasumi, Y., Makita, Y., Kimura, S., Iida, T., Kotani, M., Obara, A., Shibata, H., Kobayashi, N., Tsukamoto, T., Kobayashi, E. Annealing effect of Cd^+ ion-implanted liquid encapsulated Czochralski-GaAs 12627
Kawasuso, A. *see* Okada, S. 37024
Kawata, A. *see* Wada, Y. 22636
Kawata, B. *see* Okuda, Y. 52298
Kawata, J., Nishio, Y., Ushida, A. Analysis of Chua's circuit with transmission line 1107
Kawata, K., Araki, N., Sakagaito, Y., Takenouchi, H. Optical scanning system for recording large image 33166
Kawata, K., Arimoto, S. Signal matching using wavelet correlation 34815
Kawata, K. *see* Taguchi, M. 43360
Kawata, M., Morita, K., Kamei, K., Inoue, K. Noninteracting control for induction motors in consideration of mechanical nonlinearity 51645
Kawata, M. *see* Momose, M. 12409
Kawata, M. *see* Ohkawa, M. 1330
Kawata, S., Shigeoka, T., Nakamura, O. Time-varying autoregressive modeling for analyzing transient frequencies 56543
Kawata, S., Tani, T. Optically driven Mie particles in an evanescent field along a channeled waveguide 3966
Kawata, S. *see* Fujita, K. 14497
Kawata, S. *see* Maruo, S. 24318
Kawata, Y., Niki, N., Kumazaki, T. Measurement of blood vessel characteristics for disease detection based on cone-beam CT images 28239
Kawata, Y. *see* Matsui, K. 29412
Kawata, Y. *see* Matsui, K. 38872
Kawata, Y. *see* Takemata, K. 8317
Kawata, Y. *see* Tozaki, T. 59516
Kawata, Y. *see* Yamazaki, A. 8422
Kawatani, A. *see* Kurata, K. 26914
Kawatani, T., Shimizu, H., McEachern, M. Handwritten numeral recognition with the improved LDA method 15553
Kawate, Y. *see* Hase, T. 13519
Kawato, M. *see* Koike, Y. 37883
Kawato, S. *see* Hayashi, K. 40382
Kawatsuki, N. *see* Ono, H. 55839
Kawauchi, M. *see* Kishimoto, T. 35880
Kawaura, H., Sakamoto, T., Baba, T., Ochiai, Y., Fujita, J., Matsui, S., Sone, J. Proposal of pseudo source and drain MOSFETs for evaluating 10-nm gate MOSFETs 54673
Kawaura, H. *see* Sakamoto, T. 54293
Kawawake, Y. *see* Sakakima, H. 43657
Kawayachi, N. *see* Iwakiri, T. 7087
Kawazawa, T. *see* Otani, T. 36125
Kawazawa, T. *see* Otani, T. 36165
Kawazawa, T. *see* Otani, T. 58399
Kawazawo, Y. *see* Yamamoto, K. 42432
Kawazoe, H. *see* Hosono, H. 2072
Kawazoe, H. *see* Ueda, N. 12297
Kawazoe, K., Kubota, S. A time division multiple access-time division duplex combined with an alternated frequency duplexer for wireless personal communications 16406
Kawazoe, K. *see* Kumagai, T. 47782
Kawazoe, T., Masumoto, Y. Luminescence hole burning and quantum size effect of charged excitons in CuCl quantum dots 12427
Kawazoe, T. *see* Oka, H. 49396
Kawazoe, Y. *see* Hao Chen 32039
Kawazu, H. *see* Imano, K. 28688
Kawazu, M. *see* Ueda, M. 48987
Kawazu, S. *see* Mazumder, M.K. 54278
Kawazu, Y., Tsuzuki, K. Sintering of $(Pb,La)(Zr,Ti)O_3$ in ozone atmosphere and its ferroelectric properties 932
Kawecki, L., Niewierowicz, T. Bi-criterial optimization in induction motors speed control taking into consideration the electromagnetic transients 9257
Kawecki, L., Niewierowicz, T. Electric energy loss minimization in induction motor speed control taking into consideration the electromagnetic transients 19738
Kawecki, L., Niewierowicz, T., De La Rosa, J. Parametric identification of the variable structure model of a N_2-laser 55504
Kawkabani, B., Simond, J.J., Kehtari, F. Voltage peaks of low voltage induction motors due to PWM inverter supply 51702
Kawski, J.L., Borland, J.O., O'Connor, J.P. Strategies for high energy ion implant 42377
Kawski, M. *see* Roedel, R.J. 20577
Kay, A., Graetzel, M. Low cost photovoltaic modules based on dye sensitized nanocrystalline titanium dioxide and carbon powder 9561
Kay, A. *see* Bonhote, P. 9541
Kay, A. *see* Lawrence, A. 11304
Kay, E.W.C. *see* Partington, E.C. 9288
Kay, J., Pasquale, J. Profiling and reducing processing overheads in TCP/IP 25951
Kay, M.G. *see* Goodridge, S.G. 25499
Kay, S.R. *see* Bogart, C.D. 28720
Kaya, A. *see* Koops, H.W.P. 22163
Kaya, K., Takahashi, H., Shibata, Y., Kanno, Y., Hirai, T. Experimental surface acoustic wave properties of AlN thin films on sapphire substrates 32683
Kaya, K. *see* Shibata, Y. 10860
Kaya, N. *see* Fujino, Y. 34447
Kaya, S. *see* Thornton, T.J. 42137
Kaya, Y. *see* Tommikura, S. 38646
Kayalar, S. *see* Riley, A.L. 58260
Kayalar, S. *see* Riley, L. 58257
Kayama, H. *see* Yoshida, H. 35980
Kayama, M., Sugita, Y., Morooka, Y. Sensor diagnosis system combining immune network and learning vector quantization [industrial power system reliability] 39444
Kayano, H. *see* Kodama, D. 24280
Kayano, H. *see* Ono, N. 16606
Kayano, M. *see* Eguchi, K. 51522
Kayargadde, V. *see* Martens, J.-B. 57005
Kayastha, M. *see* Chowdhry, B.S. 58647
Kaye, A.R. *see* Riyaz Ismail, M. 46575
Kaye, P. *see* Ferguson, A. 60088
Kaye, P.H., Alexander-Buckley, K., Hirst, E., Saunders, S., Clark, J.M. A real-time monitoring system for airborne particle shape and size analysis 28619
Kaye, P.H. *see* Hirst, E. 28621
Kayed, S.I., Ragaei, H.F. CMOS differential pass-transistor logic (CMOS DPTL) predischarge buffer design 53208
Kayel, R.J. *see* Kudoh, H. 59842
Kayes, E. A new generation of data recorders for remote sensing ground stations 7218
Kaygusuz, A. *see* Kaygusuz, K. 60474
Kaygusuz, K., Kargi, H., Kaygusuz, A. Role of the clean energy potential for energy savings and air pollution control in Turkey 60474
Kayhan, A.S. Difference equation representation of chirp signals and instantaneous frequency/amplitude estimation 15332
Kayikcioglu, T. *see* Gangal, A. 5182
Kaylo, A.J. *see* Kahle, C.F., II. 1799
Kaylor, S. *see* Parsi, K. 3208
Kaymaram, F. Wear failure of rigid magnetic recording disks 43688
Kaymaz, E., Bao-Ting Lemer, Campbell, W.J., LeMoigne, J., Pierce, J.F. Registration of satellite imagery utilizing the low-low components of the wavelet transform 60029
Kaynak, O. A new perspective on engineering education in mechatronics age 20628
Kayoko, I. *see* Hidetoshi, T. 29824
Kayran, A.H. 2D Schur algorithm using a new generator matrix 4410
Kayran, A.H. *see* Ozden, M.T. 45727
Kaytasov, O. *see* Baumvol, I.J.R. 10735
Kayton, D., Teyner, T., Schwartz, C., Uzsoy, R. Effects of dispatching and down time on the performance of wafer fabs operating under theory of constraints 30154
Kayton, M. A practitioner's view of system engineering 52130
Kayukov, S.V., Gusev, A.A. Stability of the melt in a vapour-gas channel during melting of metals by pulsed laser radiation 10053
Kayukov, S.V., Pavlov, A.N., Petrov, A.L., Yurin, Yu.I. The characteristic properties of structural phase transitions in T1 steel under laser irradiation 4162
Kayyali, A. *see* Fallaha, A. 28961
Kazachkovskii, O.D. Development of a proton accelerator 36985
Kazachkovskii, O.D. Aspects of the economics of fast reactors 38509
Kazak, N.S. *see* Belyi, V.N. 33613
Kazakevich, G.Z. *see* Bagotzky, V.S. 61048
Kazakevich, V.S. *see* Zhukov, G.V. 55488
Kazakos, D. *see* Batalama, S.N. 34794
Kazakov, A.A. *see* Diesperov, K.V. 14391
Kazakov, M.K. *see* Zykin, F.A. 29906
Kazakov, O.I. Modeling electrical systems 20169
Kazakov, O.I. Automatic choice of wire color in electrical-equipment design 20194
Kazakov, S.Yu. *see* Dolbilov, G.V. 37044
Kazakov, V.N., Alipov, B.A. Prism for rotating the image in a compact device 13775
Kazama, A. *see* Yoshida, Y. 31482
Kazama, K. *see* Nunokawa, H. 5937
Kazama, M. *see* Yuasa, T. 37671
Kazama, S. *see* Hanyu, T. 41083
Kazama, T. *see* Shoda, M. 27661
Kazami, H. *see* Shiraishi, K. 33019
Kazami, K. *see* Harakawa, K. 14648
Kazandjian, A. *see* Prat, V. 37330
Kazanin, M.M. *see* Golikova, O.A. 10835
Kazanin, V.F. *see* Akhmetshin, R.R. 37253
Kazanskii, A.G. Effect of illumination time on the annealing of optically created metastable defects in p-type a-Si:H 54107
Kazanskii, V.M. Low power asynchronous motors development perspectives 9234
Kazanskiy, L. *see* Galstjan, E. 28890
Kazanskiy, L.N. *see* Galstjan, E.A. 53978
Kazanskiy, V.B. *see* Bliznyuk, N.Y. 34140
Kazansky, P.G., Pruneri, V. Electrically stimulated light-induced second-harmonic generation in glass: evidence of coherent photoconductivity 55865
Kazansky, P.G., Smith, A.R., Dong, L., Russell, P.St.J. Second-harmonic generation in silica fibers poled via internal electrodes 13629
Kazansky, P.G. *see* Pruneri, V. 24134
Kazansky, P.G. *see* Pruneri, V. 24201
Kazansky, P.G. *see* Pruneri, V. 33692
Kazantsev, A. *see* Lammasniemi, J. 38984
Kazantsev, I.G. An algebraic approach to projection data informativity in computerized tomography 5437
Kazantsev, I.G. Tomographic artefacts suppression via backprojection operator optimization 59480
Kazantsev, I.G., Pyatkin, V.P., Salov, G.I. The tomographic and statistical approach to detecting anomalous structures in aerospace images 38032
Kazantsev, I.G., Pyatkin, V.P., Salov, G.I. Detection of linear and circular structures in aerospace imagery 46285
Kazantsev, S.Yu. *see* Apollonov, V.V. 23742
Kazantsev, S.Yu. *see* Apollonov, V.V. 55491
Kazantsev, V.P., Kuklin, Ye.I. Dimensional capacitance of two-wire line curved section 31556
Kazantsev, V.V. Present state of the metrological service in measuring the surface density of coatings 20981
Kazantsev, Yu.N. *see* D'Yakanova, O.A. 45001
Kazantseva, Z.I. *see* Lavrik, N.V. 58870
Kazarbin, A.V. *see* Rimlyand, V.I. 59020
Kazarezov, I.V. *see* Aleksandrov, A.V. 49205
Kazarian, R.K. *see* Alexsanian, A.G. 31960
Kazarinov, R.F. *see* Belenky, G.L. 55605
Kazarinov, R.F. *see* Henry, C.H. 44900
Kazarinov, R.F. *see* Hybertsen, M.S. 33485
Kazaryan, A.A., Miodushevskii, P.V. Capacitance pressure pickups [and medical application] 36507
Kazaryan, M.A. Copper vapour lasers in oncology 8107
Kazaryan, M.A. *see* Buchanov, V.V. 13917
Kazawa, H., Yagi, R., Ono, K., Ootuna, Y., Kobayashi, S. Chemical potential dependence of resistance of two-dimensional array of small tunnel junctions 42344
Kazawa, H. *see* Yagi, R. 13509
Kazdaghli, A., Le Breton, P., Le Tohic, R., Jugan, D. Power supply for optical network 51287
Kazdobin, K., Volkov, V., Belyakov, V. Synthesis and characterization of carbon electrode materials for rechargeable batteries 9505
Kazemi, H., Miles, R.E. Optically controlled frequency modulation of a Schottky contact/double barrier resonant tunnelling diode oscillator 53628
Kazemi, H. *see* Collins, C.E. 53635
Kazemi, M. *see* Elnagar, G.N. 10456
Kazemi-Nia, M. *see* Alnuweiri, H.M. 58064
Kazerooni, H., Evans, M.S., Jones, J. Hydrostatic force sensor for robotic applications 59022
Kazerouni, L., Rajan, B., Shyamasundar, R.K. Mapping linear recurrence equations onto systolic architectures 53259
Kazerounian, R. *see* Eitan, B. 41157
Kazharsky, O., Pakhomov, S., Grachev, A., Mironov, Y., Goncharov, I., Matveev, A. Broad continuous frequency tuning of a diode laser with an external cavity 55600
Kazhikhov, A.V. Solutions to the linear continuity equation in Orlicz spaces 581
Kazihara, K., Yoshihiro, A., Sonoda, T., Ueda, R. On derivation of a thermal transfer model of a thermostat housing a heat source with several watts 40940
Kazimi, R. *see* Hovater, C. 37107
Kazimierczuk, M. *see* Vichare, M. 12883
Kazimierczuk, M. *see* Vichare, M. 12980
Kazimierczuk, M.K., Massarini, A. Feedforward control of DC-DC PWM boost converter 31103
Kazimierczuk, M.K. *see* Bartoli, M. 9334
Kazimierczuk, M.K. *see* Bartoli, M. 38772
Kazimierczuk, M.K. *see* Grandi, G. 31548
Kazimierczuk, M.K. *see* Pujara, L.R. 9341
Kazimirov, A. *see* Smilgies, D.-M. 32241
Kazkaz, G. Electric field and space charge of spherical electrode at high voltage concentric with a spherical grounded conductive target 33843
Kazlas, P.T., McKnight, D.J., Johnson, K.M. Integrated assembly of smart pixel arrays and fabrication of associated micro-optics 33331
Kazman, R. *see* Mereu, S.W. 48265
Kazmerski, L.L. *see* Abulfotuh, F. 39117
Kazmerski, L.L. *see* Moutinho, H.R. 30870
Kazmi, S. *see* Li, S. 20880
Kazmierkowski, M.P., Sobczuk, D.L. Sliding mode feedback linearized control of PWM inverter fed induction motor 39284
Kazmierkowski, M.P., Sobczuk, D.L., Dzieniakowski, M.A. Neural network current control of VS-PWM inverters 51169
Kazmierkowski, M.P. *see* Blaabjerg, F. 9624
Kazmierkowski, M.P. *see* Dzieniakowski, M.A. 51162
Kazmierkowski, M.P. *see* Kasprowicz, A.B. 9610

Kazmierski, C. Very high speed laser diodes and optical pulse sources for telecommunication applications 26754
Kazmierski, C. *see* Bouadma, N. 3904
Kazmierski, C. *see* Bouchoule, S. 55640
Kazmierski, C. *see* Mathoorasing, D. 41481
Kazmierski, C. *see* Mathoorasing, D. 58296
Kazmierski, M., Pawlowski, S. Practical application of integral equations for calculation of transformer leakage field 51085
Kazmiruk, V.V., Karashokov, K.E., Koryakin, S.A., Savitskaya, A.N. Electron gun for a high-voltage SEM nanolithograph 12076
Kazovsky, L.G. *see* Lu, C.L. 26709
Kazovsky, L.G. *see* Marhic, M.E. 14328
Kazovsky, L.G. *see* Marhic, M.E. 33699
Kazovsky, L.G. *see* Mayweather, D.T. 36166
Kazovsky, L.G. *see* Sadot, D. 35702
Kazovsky, L.G. *see* Tonguz, O.K. 47923
Kazovsky, L.G. *see* Yang, F.S. 16689
Kazovskyz, L. *see* Agrawal, S.K. 46211
Kazubek, M., Przelaskowski, A., Jamrogiewicz, T. Quality measurement of compressed medical images: block effect measures 28281
Kazubek, M. *see* Przelaskowski, A. 28284
Kazuchits, N. *see* Bondarenko, V. 44305
Kazuchits, N.M. *see* Bondarenko, V.P. 42093
Kazukauskas, V., Kuhnel, G., Siegel, W. Enhancement of the Hall mobility in undoped GaAs with low carrier concentration by light excitation 41961
Kazumi, M., Kawasumi, K., Hirai, K., Ohdaira, E. WT110/WT130 digital power meter 27768
Kazumori, M. *see* Hosoya, T. 51867
Kazuo, U. *see* Masakazu, H. 61335
Kbar, G., Dewar, W. On improving the design of an ATM switch based on input-output buffers 25851
Kbar, G., Dewar, W.J. Analysis of ATM switch with feedback input queuing and output queuing under bursty traffic 46592
Ke, K.-W. *see* Lea, C.-T. 25970
Ke, L. *see* Lu, F. 54148
Ke, N., Wong, S.P., Peng, S., Lin, S. Electrical characteristics of fluorine implanted a-Si:H thin films at high fields 12165
Ke, W. Hybrid pin control using boundary-scan and its applications 52155
Ke Chen, Nielsen, M., Soss, S., Rymaszewski, E.J., Toh-Ming Lu, Wan, C.T. Study of tantalum oxide thin film capacitors on metallized polymer sheets for advanced packaging applications 53708
Ke Chen *see* Sheng Zhong 52328
Ke Chen *see* Chen Ke
Ke Gong *see* Gong Ke
Ke Jeng-Yi *see* Jeng-Yi Ke
Ke Jiang *see* Liming Zhang 31190
Ke Jiang *see* Jiang Ke
Ke Kai-Wei *see* Kai-Wei Ke
Ke Lu An efficient method for analysis of arbitrary nonuniform transmission lines 24509
Ke Mao-long *see* Mao-long Ke
Ke San-Huang, Zhang Kai-Ming, Xie Xi-De Band gap behaviors of (α-GaN)/(α-AlN) superlattice and (β-GaN)/(β-AlN) superlattice 42112
Ke Shen, Delp, E.J. A control scheme for a data rate scalable video codec 58052
Ke Shen *see* Shen Ke
Ke Wang *see* Wang Ke
Ke Wuudiann *see* Wuudiann Ke
Ke Youan *see* Yu Yue 4692
Ke Zhi Dang *see* Dang Ke Zhi
Ke-Cun Zhang *see* Zhang Ke-Cun
Ke-Jian Luo *see* Luo Ke-Jian
Ke-Li Wu, MacPhie, R.H. A rigorous analysis of a cross waveguide to large circular waveguide junction and its application in waveguide filter design 24540
Ke-Li Wu *see* Haiyin Wang 45327
Ke-Ming Wang, Ming-Qi Meng, Fei Lu, Xiang Wang, Wei Wang, Pei-Jun Ding, Yao-Gang Liu Analysis of refractive index profile in $KTiOPO_4$ waveguide formed by 3.0 MeV He^+ implantation 23532
Ke-Ming Wang *see* Fei Lu 33077
Ke-Ran Shao *see* Shao Ke-Ran
Keaffaber, T. *see* Antos, J. 37373
Keaffaber, T.A. *see* Bortoletto, D. 37383
Keall, P.J., Hoban, P.W. A review of electron beam dose calculation algorithms 37921
Keam, R.B., Holdem, J.R. Permittivity measurements using a coaxial-line conical-tip probe 48825
Kean, P.N. *see* Pattison, D.A. 14011
Kean, T., New, B., Slous, B. A fast constant coefficient multiplier for the XC6200 11426
Kean, T. *see* Churcher, S. 11271
Keane, A.J. *see* Stepniewski, S.W. 10395
Keane, J. *see* Contreras, M.A. 39067
Keane, J. *see* Je-Hsiung Lan 17686
Keane, J. *see* Je-Hsiung Lan 54412
Keane, J. *see* Ramanathan, K. 39074
Keane, J. *see* Tuttle, J.R. 39065
Keane, J.A. *see* Xinfeng Ye 26105
Keane, M.A. *see* Koza, J.R. 52957
Keane, M.A. *see* Koza, J.R. 52978
Keane, M.A. *see* Koza, J.R. 53394
Keang-Po Ho, Hongxing Dai, Chinlon Lin Hybrid WDM digital trunking system for both HFC and FTTC access networks 36157
Keang-Po Ho, Kahn, J.M. Combined source-channel coding using multicarrier modulation 4501
Keang-Po Ho, Kahn, J.M. Transmission of analog signals using multicarrier modulation: a combined source-channel coding approach 4529
Keang-Po Ho, Kahn, J.M. Optimal predistortion of Gaussian inputs for clipping channels 7089
Keang-Po Ho, Shien-Kuei Liaw, Chinlon Lin Efficient photonic mixer with frequency doubling 47969
Keang-Po Ho, Shien-Kuei Liaw, Clinlon Lin Reduction of semiconductor laser amplifier induced distortion and crosstalk for WDM systems using light injection 6854
Keang-Po Ho *see* Chinlon Lin 58324
Keang-Po Ho *see* Tang, A.P. 6767
Kearley, M.Q. *see* Wood, A.K. 40337
Kearney, D., Bergmann, N.W. Bundled data asynchronous multipliers with data dependent computation times 53237
Kearney, M.J. *see* Martin, R.J. 50087
Kearney, P.P., Ramo, M.P., Spencer, T., Shaw, T.R.D., Starkey, I.R., McDicken, N., Sutherland, G.R. A study of the quantitative and qualitative impact of catheter shaft angulation in a mechanical intravascular ultrasound system 49561
Kearney, R.E. *see* Dore, S. 49515
Kearney, R.E. *see* Dore, S. 49516
Kearsley, A.J., Knowles, M., Foster-Turner, R. Copper laser machining of ceramics 174
Kearsley, G. The World Wide Web: global access to education 39602
Keast, C.L. *see* Burns, J.A. 22966
Keast, C.L. *see* Rorhschild, M. 22735
Keating, A.J., Lowery, A.J. Wavelength stabilization in packet-switched WDM networks 26792
Keating, A.J., Sampson, D.D. Reduction of excess intensity noise in spectrum-sliced incoherent light for WDM applications 26790
Keating, D.A. *see* Irvine, J.J. 17553
Keating, J., Larmouth, R. High volume applications of commercial rigid-flex 1834
Keating, J. *see* Larmouth, R. 22044
Keating, J.G. *see* Whyte, R.N. 57536
Keating, M. *see* Rice, G.E. 29090
Keating, T. *see* Kavasseri, R. 6134
Keats, J.B. *see* Lawson, C. 52331
Keattithananant, P. *see* Tsang, R.P. 26024
Keavney, D.J., Fullerton, E.E., Bader, S.D. Perpendicular conductance and magnetic coupling in epitaxial Fe/MgO/Fe(100) trilayers 43663
Keay, A. *see* McCarthy, K.J. 37449
Keay, A. *see* Owens, A. 37368
Keay, B.J., Aversa, C., Zeuner, S., Allen, S.J., Jr., Campman, K.L., Maranowski, K.D., Gossard, A.C., Bhattacharya, U., Rodwell, M.J.W. Virtual states, dynamic localization, absolute negative conductance and stimulated multiphoton emission in semiconductor superlattices 2200
Keay, B.J. *see* Allen, S.J. 12488
Keay, B.J. *see* Zeuner, S. 54236
Kebel, R., Garbe, H., Rose, M. Screening attenuation of small packages 14628
Kebin Xu *see* Xiudong Sun 44754
Kebin Xu *see* Yan Li 44699
Kebin Xu *see* Yan Li 44732
Kebin Xu *see* Yanqiu Li 23436
Kebin Xu *see* Yanqiu Li 44773
Kebin Xu *see* Zhongxiang Zhou 14309
Kebin Xu *see* Xu Kebin
Keblinski, P., Phillpot, S.R., Wolf, D., Gleiter, H. Thermodynamically stable amorphous intergranular films in nanocrystalline silicon 40505
Kebschull, U. *see* Koch, G. 1082
Kechichian, K. *see* Al-Khalili, D. 11318
Kechu Yi *see* Yi Kechu
Keck, R.L. *see* Boehly, T.R. 14059
Keck, R.L. *see* Boehly, T.R. 14086
Keda Wang *see* Daxing Han 12300
Kedar, E. *see* Weiss, E. 10653
Kedem, K., Cohen, D. Efficient bitmap resemblance under translations 56908
Kedous-Lebouc, A., Nencib, N., Cornut, B., Spornic, S. A new hysteresis loop for rotational losses 24362
Kedous-Lebouc, A. *see* Cornut, B. 23322
Kedous-Lebouc, A. *see* Nencib, N. 27846
Kedous-Lebouc, A. *see* Nencib, N. 27847
Kedous-Lebouc, A. *see* Rouve, L.-L. 44943
Kedous-Lebouc, A. *see* Sievert, J. 23324
Kee, K.Y. *see* Hotchkiss, G.B. 53830
Kee Changdon *see* Changdon Kee
Kee Hwan Kim *see* Kern, A. 19850
Kee Jung Hak *see* Hak Kee Jung
Kee Kim Eun *see* Eun Kee Kim
Kee Park Jin *see* Jin Kee Park
Kee Soo Nam *see* Min Park 21977
Kee Sool Gam *see* Yong-Gyoo Kim 48465
Kee Suk Nahm, Young Hun Seo, Hyung Jae Lee Formation mechanism of stains during Si etching reaction in HF-oxidizing-agent-H_2O solutions 42428
Kee Tae Han, Jongmin Kim, Joo Hyoung Lee A quantitative analysis of the SNR parameters in a CCD-adopted electro-optical system 36700
Kee Wong Yew *see* Yew Kee Wong
Kee-Bang Lee *see* Keunjoo Kim 2402
Kee-Choon Kwon, Chang-Shik Ham, Jin-Hyung Kim An application of hidden Markov model to transient identification in nuclear power plants 38478
Kee-Ho Kim, Ronse, K., Yen, A., Van den Hove, L. Feasibility demonstration of 0.18 μm and 0.13 μm optical projection lithography based on CD control calculations 2496
Kee-Ho Yu, Satoh, T., Kawahito, S., Koyanagi, M. Real-time microvision system with three-dimensional integration structure 25502
Kee-Jong Kim, Ohyun Kim Identification of grain-boundary trap properties using three-level charge-pumping technique in polysilicon thin-film transistors 54652
Kee-Sang Lee, Sang-Wook Bae, Vagners, J. On the fault detection isolation systems based on GOS using functional observers 30374
Kee-Soo Nam *see* Chang-Il Kim 54528
Kee-Soo Nam *see* Yong-Sun Yoon 43256
Kee-Tae Park *see* Tae-Sung Jung 1329
Kee-Yeon Joe *see* Moon-Ho Kye 51324
Kee-Young Yoo *see* Yun Ho Kim 11492
Keebler, P.F., Gilleskie, R. In-rush currents of electronic ballasts and compact fluorescent lamps affect lighting controls 39385
Keech, R.P. *see* Coulthard, J. 38586
Keech, R.P. *see* Coulthard, J. 50775
Keefe, D. *see* Faller, J.E. 17188
Keefer, D., Rhodes, R. Numerical MHD simulations of the DECADE plasma opening switch using MACH2 19893
Keefer, D. *see* Kondrashov, D. 24428
Keefer, D. *see* Rhodes, R. 19897
Keegan, C.E., Skiles, T., Graham, R., Krois, P. En route baseline comparison study: plan view display (PVD) and operational display and input development (ODID) 59978
Keegan, G. *see* Ragg, O.M. 32878
Keeley, R. Added value: the requirements of mine clearers and donors from new mine detection technologies 8591
Keen, C.G. *see* Richard, W.D. 7879
Keen, K.M., Smith, D., Lee, B.S. Improved form of backfire bifilar helix conical beam antenna 56146
Keen, N., Simader, G., Oren, T.I., de Oliveira, J.C.T. Modeling and simulation of the proton exchange membrane fuel cell: a state of the art review 51554
Keenan, P.A. A rare artifact in EEG 37803
Keener, P. *see* Arai, Y. 37267
Keener, P. *see* Arai, Y. 37268
Keer, L.M., Moran, B. Lifetime prediction of solders in electronic packaging 30331
Keer, R.Van *see* Van Keer, R.
Keersgieter, A.De *see* De Keersgieter, A.
Keersop, A.T.M.H.Van *see* Van Keersop, A.T.M.H.
Keerthi, A.V., Mathur, A., Shynk, J.J. Tracking behavior of the constant modulus array for time-varying channels 25828
Keerthi, A.V. *see* Mathur, A. 4821
Keerthi, A.V. *see* Mathur, A. 6667
Keerthi, A.V. *see* Mathur, A. 25003
Keerthi, A.V. *see* Mathur, A. 45954
Keerthi, A.V. *see* Shynk, J.J. 34895
Keese, C.R. *see* Giaever, I. 49652
Keesee, M. *see* Arenius, D. 37000
Keesee, M.M. *see* Chronis, W.C. 37001
Keesee, M.S., Bevins, B.S. The CEBAF control system for the CHL 37002
Keesee, M.S. *see* Bevins, B.S. 37004
Keesman, G. *see* Coene, W. 57447
Keesman, G.J. *see* Coene, W.M.J. 46265
Keeton, J.A., Searle, R.C. Analysis of Simrad EM12 multibeam bathymetry and acoustic backscatter data for seafloor mapping, exemplified at the Mid-Atlantic Ridge at 45°N 18903
Keeton, K. *see* Patterson, D. 53275
Keeton, P.I.J., Schlindwein, F.S. Application of wavelets in Doppler ultrasound 59525
Keevil, B. *see* Chignell, M. 26146
Keevil, S.F. *see* Hill, D.L.G. 18400
Keezer, D.C. Testing high speed circuits 39748
Kefauver, W.N. State of near-field metrology using the Near-Field Measurement Laboratory at Lockheed Martin, Denver 34197
Kefeng Liu Analysis of the effect of ferrite tile gap on EMC chamber having ferrite absorber walls 45245
Keflezighi, F. *see* Lazzaro, G. 37596
Kefu Xie *see* Xie Kefu
Kegel, B. *see* Schmid, H. 42546
Kegel, B. *see* Sorli, I. 32219
Kegel, H. *see* Roozeboom, F. 23370
Kegel, R., Muchaier, M., Basche, S. Computer-aided EMC-directed planning and design of overhead line, busbar and cable routes 19369
Kegelmeyer, W.P., Jr. *see* Allmen, M.C. 46234
Keh Huan-Chao *see* Huan-Chao Keh
Keh-Chih Hwang *see* Xi Chen 52862
Keh-Jiann Chen *see* Sung-Chien Lin 14918
Keh-Yi Lee, Chyi-Jieh Hsieh, Jyh-Rou Sze, Gwo-Jiunn Jaw Optimal direct coupling from single-mode fibers to Ti:$LiNbO_3$ channel waveguides 23504
Kehagias, A., Petridis, V. Predictive modular neural networks for time series classification 24998
Kehagias, A. *see* Kiartzis, S. 50482
Kehan Zhang *see* Zhang Kehan
Kehl, L. *see* Gulski, E. 19333
Kehne, D., Engwall, D., Jordan, K., Benson, S., Bohn, C., Cardman, L., Douglas, D., Happek, U., Krafft, G.A., Neil, G., Sinclair, C. Diagnostics for the CEBAF FEL injector 18015

Kehne, D. *see* Haber, I. 18026
Kehr, J., Salter, W. EUROMIR 95 ground network implementation and SCOPE operations: lessons learnt 28589
Kehtari, F. *see* Kawkabani, B. 51702
Kehtarnavaz, N. *see* Estevez, L. 18195
Kehtarnavaz, N. *see* Nakamura, E. 18290
Kei May Lau *see* Agahi, F. 55602
Kei May Lau *see* Basco, R. 11735
Kei-Yong Khoo, Willson, A.N., Jr. Charge recovery on a databus 21549
Kei-Yong Khoo *see* Chao-Liang Chen 1584
Keidar, M., Beilis, I., Boxman, R.L., Goldsmith, S. Potential and current distribution in the interelectrode gap of the vacuum arc in a magnetic field 22125
Keiding, S.R. *see* Jepsen, P.U. 14716
Keidler, M., Popp, M., Ritter, D., Marheineke, B., Heinecke, H., Baumeister, H., Veuhoff, E. Growth of 1.55 μm DH laser structures using TBAs and TBP in MOMBE 40341
Keihm, S.J. *see* Cruz Pol, S.L. 4256
Keihm, S.J. *see* Teitelbaum, L.P. 45134
Keiji, M. *see* Yasunaga, M. 31428
Keil, E. New analysis of discharge phenomena of electrical insulation of HV equipment 29194
Keil, M. *see* Wolter, K.-J. 20916
Keil, M. *see* Wolter, K.J. 20904
Keil, N., Yao, H.H., Zawadzki, C. Low crosstalk polymer waveguide optical switch and switching matrix 47934
Keil, N., Yao, H.H., Zawadzki, C., Strebel, B. Pigtailed thermo-optic (4×4)-space stage in polymer waveguide technology operating at λ=1.55 μm 26748
Keil, S. *see* Vernika, I.V. 32906
Keil, U.D., Hvam, J.M., Tautz, S., Dankowski, S.U., Kiesel, P., Dohler, G.H. Femtosecond differential transmission measurements on low temperature GaAs metal-semiconductor-metal structures 22482
Keil, U.D., Jensen, J.R., Hvam, J.M. Fiber coupled ultrafast scanning tunneling microscope 44241
Keilholz, L., Seegenschmiedt, H., Sauer, R. Myocardial damage in breast cancer patients treated with adjuvant radiotherapy: a prospective study 59766
Keiling, C. *see* Peschke, E.F. 50580
Keim, M. *see* Lunz, U. 2149
Keim, M. *see* Waag, A. 23959
Keinert, F., Kwon, S.-G. High accuracy reconstruction from wavelet coefficients 25170
Keinigs, R.K. *see* Faehl, R.J. 7719
Keinonen, J. *see* Jokinen, J. 42405
Keinonen, J. *see* Mouroux, A. 42677
Keinonen, T. Investigation of grating recording in betacarotene-polystyrene film 44828
Keinonen, T., Riihola, P., Leppanen, V.-P., Parkkinen, J., Jaaskelainen, T. Phase conjugation in color additive doped PVA films 44739
Keiper, B. *see* Reisse, G. 40523
Keiper, B. *see* Weissmantel, S. 43879
Keiper, J.B. On the zeros of the Ramanujan τ-Dirichlet series in the critical strip 10469
Keiper, R. *see* Dmitriev, A.V. 12509
Keira, T. *see* Kurioka, H. 60375
Keirstead, M.S. *see* Nighan, W.L., Jr. 14081
Keiser, G., Carter, C., Freeman, D. Test traffic generation equipment and algorithms for evaluating ATM networks 16409
Keiser, G., Freeman, D., Carter, C. ATM test traffic generation algorithms 46645
Keiser, J.M., Beylkin, G. Adaptive pseudo-wavelet algorithms for solving nonlinear partial differential equations 25174
Keiser, M. *see* Buchman, S. 7545
Keisler, J.M., Chopra, O.K., Shack, W.J. Statistical models for estimating fatigue strain-life behavior of pressure boundary materials in light water reactor environments 29048
Keisterkamp, D.R., Bhatacharya, P. Matching of 3D polygonal arcs 25626
Keith, A. *see* Zandi, A. 25575
Keith, A.R., Prata, A., Jr. Optimum sample point selection algorithm for interpolating reflector surfaces with a prescribed accuracy 34293
Keith, A.R. *see* Ramanujam, P. 34233
Keith, E.L. *see* Alves, D.F., Jr. 8268
Keith, M.W. *see* Kirsch, R.F. 18216
Keith, S. *see* Bufler, F.M. 54171
Keitoku, S. *see* Sakai, H. 52813
Keiver, L.A. *see* Guleserian, D. 39465
Keiver, L.A. *see* Stively, K.H. 30102
Kejian Chen *see* Chen Kejian
Kejie Li *see* Li Kejie
Kejun Kang *see* Kang Kejun
Kek, D., Gaberscek, M., Pejovnik, S. A note on the impedance response of Li/LiCl/solid electrode system 38945
Kekalo, I.B., Nemova, O.Yu., Taranitchev, V.E. Piezomagnetic coefficients of amorphous alloys with low magnetostriction 3072
Kelaidis, C. *see* Bouillon, P. 43293
Kelber, K., Gotz, M., Schwarz, W. Generation of chaotic signals with n-dimensional uniform probability distribution by digital filter structures 46002
Kelber, K., Kilias, T. Analysis of an encoder-decoder-system based on digital filter structures with two's complement overflow characteristic 4499
Kelch, D.J. *see* Zavaljevski, A. 5511
Kelder, E.M. *see* Chen, C.H. 21326
Kelder, E.M. *see* Jak, M.J.G. 21377
Kelemen, A., Imecs, M., Nedevschi, S., Birou, I., Janky, P. DSP-based control of a parallel-robot drive with permanent-magnet synchronous servomotors 51432
Kelemen, A. *see* Birou, I. 61226
Kelemen, A. *see* Pop, N. 51180
Kelemen, M.D. *see* Atalar, E. 7989
Keli Cai *see* Cai Keli
Keli Liu *see* Liu Keli
Kelkar, A.S., Mahajan, R.L., Sani, R.L. Real-time physiconeural solutions for MOCVD 30758
Kelkar, N., Dasgupta, A., Pecht, M., Knowles, I., Hawley, M., Jennings, D. 'Smart' electronic systems for condition-based health management 52174
Kelkar, P. *see* Kozlov, V. 24157
Kelkar, S., Maly, K., Zubair, M. pPVM on multiple FDDIs 26718
Kell, S.A. *see* Stublen, A.P. 38444
Kelle, H. *see* Bichevin, V. 1903
Kelleher, A. *see* Murray, A.F.J. 2569
Kellem, D.C. *see* Barrett, R. 47162
Kellenberger, T.W., Itten, K.I. Limitations for multispectral classification of temperate forests–scaling problems of groundtruth and satellite data 18777
Keller, B. *see* Parsey, J.M., Jr. 12028
Keller, B. *see* Reese, C. 33243
Keller, B.P. *see* Kapolnek, D. 40452
Keller, B.P. *see* Keller, S. 40454
Keller, B.P. *see* Nguyen, N.X. 31494
Keller, B.P. *see* Sink, R.K. 24006
Keller, B.P. *see* Underwood, R.D. 1912
Keller, B.P. *see* Underwood, R.D. 31692
Keller, B.P. *see* Wu, Y.-F. 2724
Keller, B.P. *see* Wu, Y.-F. 32074
Keller, B.P. *see* Yu, D.G. 22567
Keller, C.M. Propagation measurements for 1.9 GHz high-gain antenna array design 6665
Keller, E. *see* Cullen, J.M. 8630
Keller, H. *see* Zerbe, V. 37742
Keller, H.-P., Rabel, R. Realisation of an airborne ISAR processor for ship target imaging 28709
Keller, J. *see* Dalderup, M. 41626
Keller, J. *see* Preis, C. 32913
Keller, J. *see* Preis, C. 33642
Keller, J.M., Vyas, K.D., Debey, R.K., Datt, S.C. Isothermal and thermally stimulated discharge of pure and anthracene doped poly(methyl methacrylate) foils 54899
Keller, J.M. *see* Patil, P.E. 54880
Keller, K., Poulton, J. Commercial packaging solutions for a research oriented graphics supercomputer 30222
Keller, M.W., Martinis, J.M., Zimmerman, N.M. A 7-junction electron pump: design and operation 27314
Keller, O. *see* Andersen, T. 44646
Keller, O. *see* Ansheng Lu 33698
Keller, O. *see* Wang, G. 45159
Keller, O. *see* Xin Chen 42124
Keller, O. *(editor)* Notions and Perspectives of Nonlinear Optics. Proceedings of the Third International Aalborg Summer School on Nonlinear Optics 29989
Keller, P. *see* Boudet, T. 3544
Keller, P.J., Karis, J.P., Fram, E.K., Heiserman, J.E., Drayer, B.P. An alternative to GRASE: toward spin-echo-like contrast with independent reconstruction of gradient-echo images 18284
Keller, R.C., Seelmann-Eggebert, M., Richter, H.J. Dry etching of $Hg_{1-x}Cd_xTe$ using $CH_4/H_2/Ar/N$ electron cyclotron resonance plasmas 2342
Keller, R.C. *see* Baars, J. 42425
Keller, R.C. *see* Zimmermann, H. 701
Keller, R.E., Banzhaf, W. Genetic programming using genotype-phenotype mapping from linear genomes into linear phenotypes 52515
Keller, R.R. *see* Nucci, J.A. 22609
Keller, R.R. *see* Nucci, J.A. 42632
Keller, S., Keller, B.P., Kapolnek, D., Mishra, U.K., DenBaars, S.P., Shmagin, I.K., Kolbas, R.M., Krishnankutty, S. Growth of bulk InGaN films and quantum wells by atmospheric pressure metalorganic chemical vapour deposition 40454
Keller, S. *see* Kapolnek, D. 40452
Keller, S. *see* Look, D.C. 54085
Keller, S. *see* Nguyen, N.X. 31494
Keller, S. *see* Reese, C. 33243
Keller, S. *see* Shmagin, I.K. 33477
Keller, S. *see* Sink, R.K. 24006
Keller, S. *see* Sun, C.-K. 41983
Keller, S. *see* Underwood, R.D. 1912
Keller, S. *see* Underwood, R.D. 31692
Keller, S. *see* Wu, X.H. 31803
Keller, S. *see* Wu, Y.-F. 2724
Keller, S. *see* Wu, Y.-F. 32074
Keller, U. Modelocked and Q-switched solid-state lasers using semiconductor saturable absorbers 55563
Keller, U., Weingarten, K.J., Kartner, F.X., Kopf, D., Braun, B., Jung, I.D., Fluck, R., Honninger, C., Matuschek, N., Aus der Au, J. Semiconductor saturable absorber mirrors (SESAM's) for femtosecond to nanosecond pulse generation in solid-state lasers 55904
Keller, U. *see* Aus der Au, J. 55556
Keller, U. *see* Braun, A. 3804
Keller, U. *see* Braun, B. 3800
Keller, U. *see* Braun, B. 55569
Keller, U. *see* Fluck, R. 3773
Keller, U. *see* Kartner, F.X. 3781
Keller, U. *see* Kartner, F.X. 55908
Keller, U. *see* Kopf, D. 23875
Keller, U. *see* Kopf, D. 33449
Keller, U. *see* Matuschek, N. 33222
Keller, U. *see* Shi, Z. 13771
Keller, W.C. *see* Hesany, V. 8490
Keller, W.C. *see* Plant, W.J. 18888
Keller, W.C. *see* Weissman, D.E. 50111
Keller, Z. *see* Rabinovici, R. 9205
Keller, Z. *see* Rabinovici, R. 51015
Kellerer, W., Iselt, A., Riek, R. Using SDL for the specification, simulation and implementation of an advanced OSI data-link protocol on an embedded microcontroller system 26249
Kellerer-Pirklbauer, W. *see* Gelautz, M. 16915
Kellerman, B.K. *see* Chason, E. 12774
Kellermann, H., Hildinger, P., Brandenburg, G., Heinzl, J. Field oriented position control of a hybrid stepper motor 60819
Kellermann, H., Kolper, G., Brandenburg, G., Heinzl, J. Modelling and field oriented position control of a helical reluctance motor for high precision applications 60807
Kelleter, J. *see* Kohl, C.-D. 50778
Kelley, B. *see* Nair, R. 31610
Kelley, C.T. *see* Campbell, S.L. 10481
Kelley, C.T. *see* Campbell, S.L. 52560
Kelley, D.E., Bourque, M.-C. Inferring coastal upwelling dynamics from a thermistor array 60078
Kelley, D.F., Luebbers, R.J. Calculation of dispersion errors for the piecewise linear recursive convolution method 34012
Kelley, E.F. *see* Boynton, P.A. 17607
Kelley, M., Raanes, C.A. A digital linescan camera with embedded micro-processor 36653
Kelley, M. *see* Driggers, R. 19019
Kelley, M.C. *see* Flaherty, J.P. 24483
Kelley, M.C. *see* Hysell, D.L. 58449
Kelley, M.C. *see* Palmer, R.D. 60052
Kelley, P.J. *see* Mason, L.E. 7130
Kelliher, T.P. *see* Bajwa, R.S. 24849
Kelling, C., Henz, J., Hommel, G. Modelling and evaluation of a distributed controller architecture by stochastic Petri nets 16096
Kelling, S. *see* Mitrelias, T. 18958
Kellndorfer, J. *see* Pierce, L. 18778
Kellndorfer, J.M., Dobson, M.C., Ulaby, F.T. Geocoding for classification of ERS/JERS-1 SAR composites 8404
Kellner, A., Rueber, B., Seide, F. A voice-controlled automatic telephone switchboard and directory information system 46972
Kellner, A.L., Cruz, R.L., Fainman, Y., Fellman, R.D., Muzurenko, Y., Milstein, L.B., Rao, R.R., Sun, P.C., Yu, P.K.L. Transparent terabit photonic imaging networks 6426
Kellner, A.L. *see* Jiang, H. 58354
Kellner, A.L. *see* Rao, H.G. 6425
Kellner, A.L. *see* Rao, H.G. 26766
Kellner, W. *see* Muller, J.-E. 41493
Kellogg, W., Nehrir, M.H., Venkataramanan, G., Gerez, V. Optimal unit sizing for a hybrid wind/photovoltaic generating system 60630
Kelly, A.E., Lealman, I.F., Rivers, L.J., Perrin, S.D., Silver, M. Low noise figure (7.2 dB) and high gain (29 dB) semiconductor optical amplifier with a single layer AR coating 44496
Kelly, A.E. *see* Guy, M.J. 14103
Kelly, A.E. *see* Nesset, D. 24237
Kelly, B. *see* O'Sullivan, G. 31438
Kelly, B. *see* Tsang, S. 35811
Kelly, B.R. *see* Palfreyman, I.G. 9017
Kelly, C. *see* Grotty, P.M. 58333
Kelly, C. *see* Lizotte, T. 44339
Kelly, C.E. *see* Vicente, F.A. 18689
Kelly, D. Punching: a new dimension [PCB manufacture] 1835
Kelly, D.K., Jancauskas, J.R. Cable sizing–avoid shortcuts and do it right 19363
Kelly, D.K. *see* Jancauskas, J.R. 19313
Kelly, D.T., Heywood, J. Alternative approaches to K-12 school technology illustrated by an experimental course in technical investigations 20521
Kelly, F. Charging and rate control for elastic traffic 35390
Kelly, F. *see* Raffali-Schreinemachers, M. 26031
Kelly, F. *see* Songhurst, D. 46873
Kelly, J., Ballato, A., Safari, A. Influence of loss on the critical frequencies of ceramic resonators 23272
Kelly, J. *see* Ballato, A. 13328
Kelly, J. *see* Bamber, C. 55579
Kelly, J. *see* Gorbics, M.S. 59332
Kelly, J. *see* Yamrone, B. 59335
Kelly, J.C. *see* Boody, F.P. 18079
Kelly, J.G. *see* Acarnley, P.P. 29771
Kelly, J.G. *see* Acarnley, P.P. 51822
Kelly, J.H. *see* Boehly, T.R. 14059
Kelly, J.H. *see* Boehly, T.R. 14086
Kelly, J.J. *see* Meijerink, A. 12212
Kelly, J.P., Woods, L.T., Rukavina, J., Yuan Guo Stencil parameter selection for ultra-fine pitch printing 39835
Kelly, J.R. *see* Hoke, C.D. 55317

Kelly, K.L., Scharer, J.E., Shen, W., Ding, G., Bettenhausen, M.H., Lam, N.T. Microwave reflections from a VUV laser produced plasma sheet 4275
Kelly, M., Servais, G., Diep, T., Lin, D., Twerefour, S., Shah, G. A comparison of electrostatic discharge models and failure signatures for CMOS integrated circuit devices 32539
Kelly, M.J. Tunnel structures and devices over the coming decade 12369
Kelly, M.J. *see* Resnick, P.J. 42484
Kelly, M.J. *see* Wilkinson, V.A. 12876
Kelly, M.J. *see* Wilkinson, V.A. 42923
Kelly, M.J. *see* Wilkinson, V.A. 54322
Kelly, M.K., Ambacher, O., Dimitrov, R., Handschuh, R., Stutzmann, M. Optical process for liftoff of group III-nitride films 41955
Kelly, N.J. *see* Clarke, J.A. 38301
Kelly, O.E. *see* Johnson, D.H. 25101
Kelly, P.A. *see* Yin, G. 46145
Kelly, P.B. *see* Allred, L.G. 36425
Kelly, P.J. *see* Rockstad, H.K. 18965
Kelly, P.J. *see* Taylor, R.P. 42074
Kelly, P.K. *see* Milligan, T. 34205
Kelly, R.E. *see* Moses, R.W. 18932
Kelly, S. *see* Zvonar, G.A. 19933
Kelly, S.K. *see* Baumann, S.B. 37808
Kelly, S.W. *see* Minelly, S. 49616
Kelner, G. *see* Binari, S.C. 31507
Kelner, G. *see* Binari, S.C. 32442
Keloglu, O.Y. *see* Andronik, K.I. 40489
Kelsey, A. *see* Smith, I.W. 23718
Kelsey, J., Schneier, B., Hall, C. An authenticated camera 25510
Kelsey, J. *see* Schneier, B. 56284
Kelson, I., Levy, Y., Racah, D., Redmard, E., Beaudoin, M., Pinnington, T., Tiedje, T., Giesen, U. The applicability of implanted α-sources to thickness and stoichiometry measurements of thin films 48897
Kelsy, J. *see* Abe, K. 59233
Kemagai, K. *see* Tsukahara, N. 12019
Kemenade, A.J.Van *see* Van Kemenade, A.J.
Kemenade, C.H.M.van *see* van Kemenade, C.H.M.
Kemeny, P. *see* Moss, D.J. 55263
Kemeny, S.E. *see* Mendis, S.K. 27683
Kemeny, S.E. *see* Nixon, R.H. 27650
Kemerink, M., Koenraad, P.M., Wolter, J.H. Effect of strain on a second-order van Hove singularity in $Al_xGa_{1-x}As/In_yGa_{1-y}As$ quantum wells 2212
Kemezis, P. Retail wheeling: New Hampshire kicks off pilot program after a year of debate 8779
Keming Yang *see* Yang Keming
Kemme, S.A., Kostuk, R.K., Chun, C.K.Y. Dynamic coherence measurements of index- and gain-guided VCSELs 55688
Kemmerling, M. *see* Pflaum, A. 55986
Kemmler, M. *see* Ner, M.S. 27631
Kemmler, M. *see* Ribes, M. 27623
Kemmler, M. *see* Spahlinger, G. 27625
Kemmler, M.W., Spahlinger, G., Kunz, J., Ribes, M., Zimmermann, S. Design of a commercial small volume fiber optic gyro 27612
Kemmler, M.W. *see* Kunz, J. 27613
Kemmochi, Y., Yamamoto, T., Matsuzaka, F. Smoothing of spiking output in Cr,Tm:YAG lasers using a germanium plate 14237
Kemmouche, A., Mering, C. Use of macro texture for landscape units mapping from satellite images. Application to vegetation density mapping in arid and semi-arid areas 60010
Kemp, A., Boger, M., Wiedenbrug, E., Wallace, A. Investigation of rotor-current distributions in brushless doubly-fed machines 29284
Kemp, A. *see* Conroy, R.S. 3799
Kemp, C.J. *see* Spangler, L. 20196
Kemp, I.J. Partial discharges in solid insulation 9146
Kemp, I.J., Zhou, C. Measurement strategies for PD testing and pulse propagation in stator windings 9172
Kemp, I.J. *see* Hepburn, D.M. 43569
Kemp, I.J. *see* McWilliam, C.J. 60806
Kemp, I.J. *see* Zhu, H. 43453
Kemp, J., Ning, Y.N., Carty, F., Palmer, A.W., Grattan, K.T.V., Meldrum, A., Li, L. Bragg grating optical time domain reflectrometry using fast GaAs switches as a demultiplexing system 48642
Kemp, T., Jusek, A. Modelling unknown words in spontaneous speech 15051
Kemp, T. *see* Waibel, A. 14945
Kempainen, S. The end of the wait for home Internet? 26237
Kempainen, S. Available bit rate bridges the gaps in ATM networks 26418
Kempainen, S. Gigabit Ethernet and ATM go neck and neck in the communications race 47113
Kempainen, S., Goldie, J. Low-voltage differential signalling yields megatransfers per second with milliwatts of power 6067
Kempe, A., Schonwandt, U. EMC of PV-plants with line-commutated inverters 38657
Kempe, M., Zaslavsky, D., Genack, A.Z. Acousto-optic imaging of absorbing structures using multiply scattered light 7935
Kempen, G.M.P.van *see* van Kempen, G.M.P.
Kempen, L.Van *see* Van Kempen, L.
Kemper, K.W. *see* Metlay, M.P. 37530
Kemper, R. *see* Borger, R. 30499
Kempf, D.R. EMV testing of aircraft: a comparison of the mode-stirred and standard methods 49862
Kempf, D.R. Electromagnetic vulnerability testing of aircraft using mode-stirred techniques 49864
Kempf, J.von *see* von Kempf, J.
Kempinski, W. *see* Rumpel, D. 19218
Kempker, M.J. *see* Arseneau, R. 38440
Kempkes, D.L. *see* Saunders, L.A. 51646
Kempny, Z. *see* Krzeminski, Z. 9618
Kemppainen-Kajola, P., Hirvonen, J., Laitinen, J., Luukko, K., Kansakoski, M. Measuring the quality of fines by machine vision 17798
Kemppinen, M. *see* Hallikainen, M. 8400
Kemppinen, M. *see* Hallikainen, M. 18877
Kempster, L.S. A media maniac's guide to removable mass storage media 3215
Kempton, E.A.J. *see* Rolls, A.M. 47892
Kempton, J. *see* Holmes, P. 26003
Ken Yuh Hsu *see* Xianmin Yi 4031
Ken-Chung Ho, Bin-Chang Chieu Window-based methods for parameter estimation of Markov random field images 4958
Ken-Wang Chen *see* Rong-Fong Fung 29259
Ken-Yuh Hsu *see* Gruber, M. 46073
Kenan Yu *see* Mu, A. 6415
Kenbo, Y. *see* Shishido, H. 2460
Kench, S.F. Rework process for chip scale components 20869
Kencke, D.L., Richart, R., Garg, S., Banerjee, S.K. A sixteen level scheme enabling 64 Mbit flash memory using 16 Mbit technology 41175
Kendal, S.L. *see* Chen, X. 52956
Kendall, B.R.F. *see* Allison, E.E. 4215
Kendall, C.L. *see* Ford, D.H. 39014
Kendall, D., Piercy, A.R. Terfenol-based materials with reduced eddy-current loss for high-frequency applications 43644
Kendall, H. *see* Abe, K. 59233
Kendall, I. The safety assurance of the AJV8 electronic throttle 29848
Kendall, J. *see* Scholes, R.J. 28670
Kendall, J.P. *see* White, W.R. 33724
Kendall, K. *see* Cassidy, M. 20002
Kendall, P.C. *see* Anada, T. 23560
Kendall, P.C. *see* Burton, R.R. 3918
Kendall, P.C. *see* Reed, M. 3403
Kendall, P.C. *see* Sewell, P. 24526
Kendall, P.C. *see* Sewell, P. 44312
Kendall, P.C. *see* Sewell, P. 55233
Kendall Melville, W. *see* Rozenberg, A.D. 18901
Kendle, P. IGBT-based motor drives require attention to device and circuit parameters 9617
Kendrick, C., Kahn, A., Forrest, S.R. STM study of the organic semiconductor PTCDA on highly-oriented pyrolytic graphite 2092
Kendrick, R.L. *see* Miller, C. 56965
Kendziora, C.L. *see* Allspach, D.H. 37193
Kenefic, R. Sorting methods for estimating the number of emitters and their parameters 56458
Keng-Shen Hung, Curtis, K.M., Orton, J.W. The influence of photodetector nonlinearity on the multi-functionality of an optoelectronic cellular neural network 53478
Kengaku, T. *see* Teraoka, E. 47461
Kenichi Sakane *see* Yoshida, N. 377
Kenji Uchino *see* Ki-Young Oh 43504
Kenjo, T. *see* Yamakoshi, Y. 51521
KenKnight, B.H. *see* Bayly, P.V. 37778
KenKnight, B.H. *see* Bayly, P.V. 59733
KenKnight, B.H. *see* Chattipakorn, N. 59732
Kenmochi, N., Pawlow, I. Controlled Czochralski crystal growth 21225
Kennan, W., Baba, O., Aoki, Y. Low-noise MMIC source drives DBS systems 41507
Kennan, W. *see* Aoki, Y. 7062
Kennedy, A. *see* Radford, W. 17492
Kennedy, A.R., Alexander, M., Fiene, E., Lyon, J., Kuttanna, B., Patel, R., Pham, M., Putrino, M., Croxton, C., Litch, S., Burgess, B. A G3 PowerPC™ superscalar low-power microprocessor 41232
Kennedy, B. *see* Alexeev, G. 59200
Kennedy, E.J. *see* Britton, C.L., Jr. 59321
Kennedy, E.J. *see* Smith, R.S. 59336
Kennedy, F. *see* Ramalingam, M.L. 18741
Kennedy, G.T. *see* Gontijo, I. 14314
Kennedy, J., Harvey, P., Sullivan, M., Minthorne, R. Characterization of the cellular radio environment 35924
Kennedy, J. *see* Diamond, S. 42797
Kennedy, J. *see* Mandl, W. 17467
Kennedy, J.M.T. *see* O'Hare, N.J. 7891
Kennedy, J.P., Ellingson, S.W. Smart antenna testbed for mobile wireless systems 47599
Kennedy, J.R. *see* Bass, R.M. 29795
Kennedy, P. Re-engineering an engineering school 20681
Kennedy, P. MobileWeb™ changing the face of mobile networking through universal wireless connectivity 47039
Kennedy, R. *see* Kulp, T.J. 18924
Kennedy, R.A., Abhayapala, T., Ward, D.B., Williamson, R.C. Nearfield broadband frequency invariant beamforming 15240
Kennedy, R.A., Zhi Ding Design and optimization of nonlinear mapping in decision feedback equalization 45484
Kennedy, R.A. *see* Casas, R.A. 5709
Kennedy, R.A. *see* Dogancay, K. 35395
Kennedy, R.A. *see* McGinty, N.C. 46531
Kennedy, R.A. *see* Ward, D.B. 25125
Kennedy, R.A. *see* Yamazaki, K. 14783
Kennedy, R.L. *see* Downs, J. 25736
Kennedy, R.S., Berbaum, K.S., Dunlap, W.P., Hettinger, L.J. Developing automated methods to quantify the visual stimulus for cybersickness 59871
Kennedy, S.R. *see* Denesuk, M. 55300
Kennedy, T.A. *see* Carlos, W.E. 13881
Kennedy, W.N. *see* Lindroth, A. 8856
Kennedy, W.N. *see* Lindroth, A. 8857
Kenner, V.H. *see* Pfeil, M.C. 251
Kennett, R. *see* Shier, W. 30074
Kenney, C. *see* Hewer, G. 56990
Kenney, C. *see* Segal, J. 59288
Kenney, J.G., Melas, M. Pipelining for speed doubling in MDFE 5672
Kenney, M. The European challenge 59994
Kennou, S. *see* Grigoropoulos, S. 1979
Kenny, M.J. *see* Collins, J.G. 27382
Kenny, P. *see* Li, Z. 24866
Kenny, R.P. All-fibre grating sensors employing many-cycle directional couplers 40700
Kenny, R.P., Gutierrez, E., Lucia, A.C., Whelan, M.P., Gaiazzi, F., Sheridan, J.T. Fibre optic in-fibre Bragg grating sensors for use in composite material structural element characterisation and structural monitoring 48640
Kenny, R.P. *see* Whelan, M.P. 7306
Kenny, S. *see* Lyon, R. 38588
Kenny, T.W. *see* Chui, B.W. 2862
Kenny, T.W. *see* Rockstad, H.K. 18965
Kenny Chiang Huihua *see* Huihua Kenny Chiang
Kenny-McDermott, E.M. *see* Basu, R.S. 39950
Kenong Wu, Levine, M.D. 3D part segmentation using simulated electrical charge distributions 5045
Kenong Wu, Levine, M.D. 3-D shape approximation using parametric geons 25285
Kenschaft, R.P. Mixed modulation signal and noise analysis and simulation of the rubidium gas cell atomic frequency standard 27321
Kensek, R.P., Lorence, L.J., Halbleib, J.A., Morel, J.E. Space applications of the MITS Electron-Photon Monte Carlo transport code system 28556
Kensing, F., Simonsen, J., Bodker, K. MUST–a method for participatory design 144
Kent, A.D. *see* Gider, S. 3097
Kent, G., Ingalls, M., Young, F.J. Comments on "High frequency performance of multilayer capacitors" [and reply] 41535
Kent, K. *see* Kuffel, P. 50411
Kent, K.L. *see* Shore, N.L. 8866
Kent, L. Adjudication procedure 52091
Kent, M., Elliott, R.J., Sworder, D.D., Dufour, F. Fading in mobile GMSK 6658
Kent, R. Europe: ready for frame relay 46881
Kent, R.M., Ruddell, M.J. The in-situ sensor-guided process characterization of advanced composite materials 20984
Kent, S., Paker, S. Rejection of motion irregularities in SAR images 16868
Kent, S.D., Lockwood, S.J., Lee, H. High resolution tomographic acoustic microscopy 18953
Kent, T.A. *see* Chih-Wei Chang 49482
Kenter, H.J.H.N. *see* Koonen, T. 58034
Kentfield, J.A.C. The influence of free-stream turbulence intensity on the performance of Gurney-flap equipped wind-turbine blades 9140
Kenyon, A.J. *see* Amirhaghi, S. 39906
Kenyon, G. Promoting corporate use of wide area mobile multimedia applications 47392
Kenyon, I.R. *see* Beringer, J. 37394
Kenyon, R.V. *see* Reynolds, W.D., Jr. 57294
Kenyon, W.G. New, long term alternative fluorosolvents for electronics cleaning and drying application 11931
Kenzin, V.I., Vais, A.A., Medvedev, A.Zh., Maslii, A.I. Coulometric metal-coating thickness gauge with automatic dynamic correction of measuring conditions 17777
Keogan, M.T. *see* Paulson, E.K. 37644
Keol, P.S. *see* Deng, T.Q. 53539
Keol Kim Yong *see* Yong Keol Kim
Keon Cheong Cha *see* Cha Keon Cheong
Keong Mo Sung *see* Jae Young Lee 14856
Keong Tony Tan Kok *see* Tan Kok Keong Tony
Keow Lee Moi *see* Moi Keow Lee
Kephart, R. *see* Tsujita, Y. 37285
Keppler, J. *see* Hillermeier, C. 19445
Keppner, H., Kroll, U., Torres, P., Meier, J., Fischer, D., Goetz, M., Tscharner, R., Shah, A. Scope of VHF plasma deposition for thin-film silicon solar cells 39031
Keppner, H. *see* Fischer, D. 39129
Keqian Zhang *see* Lian Gong 49459
Keqian Zhang *see* Zhang Keqian
Keqiang Shen *see* Shen Keqiang
Keqin Huang, Man Feng, Goodenough, J.B., Schmerling, M. Characterization of Sr-doped $LaMnO_3$ and $LaCoO_3$ as cathode materials for a doped $LaGaO_3$ ceramic fuel cell 20015
Keqin Huang *see* Man Feng 29609
Keqing Wang *see* Wang Keqing
Ker, M.-D., Wu, C.-N. Efficient output ESD protection for 0.5-μm high-speed CMOS SRAM IC with well-coupled technique 2788
Ker Jar-Shone *see* Jar-Shone Ker
Ker Jun-Ing *see* Jun-Ing Ker
Ker Ming Liu *see* Juei Tsang Hsu 39467

Ker Ming-Dou *see* Ming-Dou Ker
Ker-Li Shu, Henson, T. Optical design for a visible through thermal infrared multi-band imaging system 48687
Ker-Wei Su, Kuo, J.B. Analysis of current conduction in short-channel accumulation-mode SOI PMOS devices 54654
Ker-Wie Su, Kuo, J.B. A non-local impact ionization/lattice temperature model for VLSI double-gate ultrathin SOI NMOS devices 23009
Kera, T. *see* Ogata, K.-I. 40471
Keradec, J.P. *see* Blache, F. 40920
Keradec, J.P. *see* Cogitore, B. 41554
Keradec, J.P. *see* Lembeye, Y. 41569
Keranen, E. *see* Chun Ye 44106
Kerbaol, V., Chapron, B., Garello, R., Vandemark, D., Vachon, P.W. Examining ERS-1 SAR wave estimates using the quasi-linear SAR transform and aircraft ROWS data 38092
Kerber, L. *see* Baouchi, W. 10858
Kerboull, F. *see* Balembois, F. 23865
Kerbyson, D.J. *see* Atherton, T.J. 57514
Kerckhoeve, A. *see* Clarencon, D. 37827
Kerckhove, J.-F.Van *see* Van Kerckhove, J.-F.
Kerek, D. *see* Olson, H. 16617
Keren Li, Atsuki, K., Hasegawa, T. General analytical solutions of static Green's functions for shielded and open arbitrarily multilayered media 24538
Kergel, H., Monno, B. Equipment requirements for the repair of BGA-boards 20934
Kergel, H., Monno, B. Experiences with technologies for the repair of BGA-boards 22024
Kergel, H., Monno, B., Schliesser, R. Assembly equipment for low-cost flip chip technologies 53837
Kerherve, B. *see* v. Bochmann, G. 6398
Keri, A. *see* Gole, A.M. 38858
Kerich, M.J. *see* Rio, D.E. 25513
Kerignard, D. *see* Coirault, P. 9223
Kerim, A.A.A. *see* Osman, A.H. 12912
Kerkhoven, T. Piecewise linear Petrov-Galerkin error estimates for the box method 663
Kerkman, R., Leggate, D., Skibinski, G. Interaction of drive modulation and cable parameters on AC motor transients 29692
Kerkman, R.J. Twenty years of PWM AC drives: when secondary issues become primary concerns 51653
Kerkman, R.J. *see* Busse, D. 29332
Kerkman, R.J. *see* Busse, D. 51681
Kerkman, R.J. *see* Busse, D. 61368
Kerkman, R.J. *see* Busse, D.F. 61117
Kerkman, R.J. *see* Leggate, D. 51193
Kerman, A.J. *see* Krupczak, J.J., Jr. 44323
Kerman, A.K. *see* Woodworth, J.G. 17916
Kermanshahi, B., Yokoyama, R., Takahashi, K. Intelligent forecasting of distribution system loads 8875
Kermendi, F. *see* Nikolic, P.M. 54130
Kermode, A. *see* Riley, A.L. 58260
Kermode, R. *see* Lippman, A. 16385
Kern, A., Boa-Hua Yu A new unipolar-switch design for standard applications 1755
Kern, A., Kee Hwan Kim, Boa-Hua Yu A supply side friendly low-cost AC-converter topology 19850
Kern, A., Yu, B.-H. A power supply system with distortion eliminating properties 9328
Kern, A., Yu, B. A high frequency power supply system for nonlinear loads 51907
Kern, D.P. *see* Bertsche, G. 43754
Kern, D.P. *see* Gross, H.S. 44979
Kern, D.P. *see* Meier, G.D. 22483
Kern, D.P. *see* Strahle, S. 42872
Kern, H. Functional electrical stimulation in paraplegic spastic patients 8081
Kern, J. *see* Hercigonja-Szekeres, M. 37797
Kern, J. *see* Hercigonja-Szekeres, M. 45783
Kern, M., Berger, P., Huegel, H. A new crossjet concept for the efficient diversion of welding spatters and for the stabilized supply of shielding gas in laser welding 33767
Kern, M. *see* Beck, M. 33768
Kern, R.S. *see* Aboelfotoh, M.O. 12557
Kern, R.S. *see* Davis, R.F. 21248
Kern, R.S. *see* Davis, R.F. 30828
Kern, R.S. *see* Jeon, E.S. 12503
Kern, S. *see* Pereyaslavets, M. 41786
Kern, T., Kraus, R., Hoffmann, K. A precise analytical model for diffused power diodes 42927
Kern-Joong Kim *see* Jeong-Tae Jang 60373
Kern-Jung Kim *see* Sung-Hun Oh 50701
Kerner, Ia. I. *see* Ivashchenko, A.I. 41995
Kernin, J.-P. *see* Gueriot, D. 49980
Kernode, A. *see* Riley, L. 58257
Kernohan, W.G. *see* Donegan, H.A. 8024
Kerns, D.V. *see* Gurbuz, Y. 27729
Kerns, D.V. *see* Gurbuz, Y. 36780
Kerns, D.V. *see* Kang, W.P. 13175
Kerns, D.V. *see* Kang, W.P. 53964
Kerns, J.A., Colella, N.J., Makowiecki, D., Davidson, H.L. Dymalloy: a composite substrate for high power density electronic components 10959
Kerns, J.A. *see* Pocha, M. 20903
Kerns, J.A. *see* Pocha, M.D. 33322
Kerns, K., Hahn, E. The Free Flight Evaluation System at Kansas City Air Route Traffic Control Center: an overview 60002
Kerns, K.J. *see* Corey, S.D. 39818
Kero, P. *see* Gronlund, J. 49714
Keroack, D., Terreault, B. Laser desorption study of deuterium implanted in silicon carbide 12315
Keromnes, J.C. *see* L'Haridon, H. 14278
Keropyan, I.A. *see* Eganov, V.S. 7795
Kerpez, K.J. *see* Chapuran, T.E. 27168
Kerr, D., Alrutz, M. Power distribution cables in HFC networks: centralized vs. distributed systems 26385
Kerr, D. *see* Davila, A. 25314
Kerr, D. *see* Musman, S. 6953
Kerr, J.R. Novel and elegant spiral for a simple laser profilometer 4174
Kerr, R.W., Bhargava, V.K. Coded modulation for fading channels based on rings of integers 56249
Kerre, E. *see* Tsiporkova-Hristoskova, E. 10293
Kerrigan, P. *see* Zipp, J. 28937
Kerry, C.J. *see* Darbyshire, E.P. 15264
Kersch, A., Schafbauer, T., Deutschmann, L. Strategies for the reduction of pattern effects [RTP] 22492
Kerscher, M.J. *see* Gottlober, P. 49554
Kersey, A.D., Davis, M.A., Berkoff, T.A., Bellemore, D.G., Koo, K.P., Jones, R.T. Progress towards the development of practical fiber Bragg grating instrumentation systems 36614
Kersey, A.D. *see* Berkoff, T.A. 7369
Kersey, A.D. *see* Berkoff, T.A. 17432
Kersey, A.D. *see* Davis, M.A. 17408
Kersey, A.D. *see* Davis, M.A. 17441
Kersey, A.D. *see* Davis, M.A. 17451
Kersey, A.D. *see* Davis, M.A. 36646
Kersey, A.D. *see* Davis, M.A. 48580
Kersey, A.D. *see* Fabiny, L. 17452
Kersey, A.D. *see* Fabiny, L. 27593
Kersey, A.D. *see* Jones, R.T. 17407
Kersey, A.D. *see* Jones, R.T. 48576
Kersey, A.D. *see* Patrick, H.J. 48574
Kershaw, D., Robinson, T., Hochberg, M. Context-dependent classes in a hybrid recurrent network-HMM speech recognition system 56387
Kershaw, D.J. *see* Young, S.J. 56368
Kershaw, Y. *see* Nash, G.R. 2157
Kersjes, R., Liebscher, F., Spiegel, E., Manoli, Y., Mokwa, W. An invasive catheter flow sensor with on-chip CMOS readout electronics for the on-line determination of blood flow 18181
Kersley, L., Pryse, S.E. Ionospheric tomography. A new technique for sensing the propagation environment 38051
Kerslick, G.S. *see* Flechtner, D. 1904
Kerslick, G.S. *see* Golkowski, C. 12113
Kerslick, G.S. *see* Naqvi, S. 12109
Kerstan, W. *see* Ehlert, A. 54022
Kersten, D. Inverse 3-D graphics: A metaphor for visual perception 56665
Kersten, G. *see* Kralemann, M. 38590
Kersten, P., Riehle, F. A transportable Ca optical frequency standard 17726
Kersten, P. *see* Christensen, C. 20855
Kersten, P. *see* Klekamp, A. 13662
Kersten, P. *see* Riehle, F. 7139
Kersten, S. *see* Becks, K.H. 59228
Kersten, W.J. *see* Cowern, N.E.B. 42049
Kerstetter, P. *see* Young, C. 11113
Kerstiens, B.L. *see* Barbour, B.A. 8604
Kersting, W.H., Phillips, W.H. Phase frame analysis of the effects of voltage unbalance on induction machines 60728
Kersusan, J.P. *see* Maftoul, J. 38915
Kerswell, B. ATM charging–the buyers view? 46852
Kertesz, M. *see* Csillag, F. 8415
Kerth, R. *see* Angstadt, R. 59309
Kervarec, J. *see* Guillemot, C. 26445
Kervrann, C., Heitz, F. Statistical deformable models for the analysis of 2D structures in image sequences 56890
Kervrann, C., Heitz, F. Statistical model-based segmentation of deformable motion 57020
Kervrann, C., Heitz, F., Perez, P. Statistical model-based estimation and tracking of non-rigid motion 15533
Kerwien, S.C. Metallurgical analysis of an aluminum sabot fired in the cannon caliber electromagnetic gun (CCEMG) 24404
Kerwien, S.C. Metallurgical post-mortem analysis of the cannon caliber electromagnetic gun: rails and insulating sidewalls 33874
Kery, S., Irish, J.D. Trawl resistant bottom mounted instrumentation: developments and results to date 50196
Kery, S. *see* Irish, J.D. 50195
Keryer, G. *see* Alfalou, A. 5451
Kerzar, B. *see* Lindgren, S. 33542
Keser, S. *see* Bett, A.W. 38993
Keshav, S. *see* Highsmith, A.L. 52896
Keshav, S. *see* Kaplan, A.E. 57777
Keshav Srinivasan *see* Srinivasan Keshav
Keshavarzi, A. *see* Hong, Y.E. 43310
Keshk, H., Mori, S., Nakashima, H., Tomita, S. Amon: a parallel slice algorithm for wire routing 52986
Keshu Xu *see* Ruibo Lu 55316
Keshu Xu *see* Xu Keshu
Keshwani, K.S. *see* Sabharwal, S.C. 37263
Kesidis, G. *see* de Veciana, G. 6278
Keskar, A.G., Asanare, K.L. A fuzzy controller for extending linearity of overmodulated PWM waveform 38892
Keskinen, E., Jappinen, J. Polarization of vacuum-pressure-impregnated high voltage epoxy-mica insulations [electric machines] 9181
Keskinen, J. *see* Laitinen, A. 24379
Keskitalo, N. *see* Lalita, J. 31748
Kesler, M.P. *see* Maloney, J.G. 56091
Kesler, O. *see* Silverstein, M.S. 21382
Kesorn, J. *see* Kiranon, W. 41316
Kess, P. *see* Laatikainen, J. 52325
Kessel, C.R. *see* Zazzera, L.A. 23047
Kessel, W., Buchholz, F.-I., Khabipov, M.I., Dolata, R., Niemeyer, J. Development of an RSFQ shift register for applications in RF noise power metrology 21567
Kesselman, C. *see* Foster, I. 35731
Kessels, J., Marston, P. Designing asynchronous standby circuits for a low-power pager 58190
Kessler, B. *see* Donovan, G.C. 25057
Kessler, E. *see* Katzmann, F.L. 27358
Kessler, E.G., Jr., Schweppe, J.E., Deslattes, R.D. Intercomparison of silicon samples from the Avogadro project 27380
Kessler, G. *see* Kim, J.I. 38513
Kessler, I. *see* Bar-Noy, A. 6580
Kessler, J., Wiedeman, S., Russell, L., Fogleboch, J., Skibo, S., Arya, R., Carlson, D. $Cu(In,Ga)Se_2$ based submodule process robustness 39068
Kessler, J., Wiedeman, S., Russell, L., Fogleboch, J., Skibo, S., Arya, R., Carlson, D. Front contact optimization for $Cu(In,Ga)Se_2$ (sub)modules 39094
Kessler, J. *see* Jingya Hou 39110
Kessler, L.W. *see* Semmens, J.E. 30251
Kessler, M. *see* Klarl, H.-G. 8279
Kessler, R. Multifunctional terminals for digital services 58042
Kessler, T.J. *see* Boehly, T.R. 14059
Kessler, T.J. *see* Boehly, T.R. 14086
Kessler, T.J. *see* Lin, Y. 3933
Kessler, V. *see* Wedel, G. 16108
Kester, J.J. *see* Ranon, P.M. 13753
Kestler, H.A., Hoher, M., Palm, G., Schwenker, F., Kochs, M., Hombach, V. Time domain variability of high resolution beat-to-beat recordings classified by neural networks 37821
Kestler, H.A., Hoher, M., Schwenker, F., Hombach, V. Filtering beat-to-beat recordings of the high resolution electrocardiogram 49619
Kestler, H.A. *see* Schwenker, F. 49617
Kestner, R.N. *see* Kania, D.R. 22664
Keszei, B. *see* Erdei, S. 43886
Ketai Wang *see* Wang Ketai
Ketata, K. *see* Koumetz, S. 41966
Ketata, K. *see* Marcon, J. 22772
Ketata, M. *see* Koumetz, S. 41966
Ketata, M. *see* Marcon, J. 22772
Ketchum, E. Autonomous spacecraft orbit determination using the magnetic field and attitude information 49930
Ketchum, J., Wallace, M., Walton, R. CDMA network deployment of 8 kbps and 13 kbps voice services 47749
Ketelaer, P. *see* Spaepen, A. 6324
Ketko, G.A. *see* Kuzmin, A.N. 13815
Ketlogetswe, C. Co-combustion of coal and solid waste (municipal and industrial solid wastes) 29071
Ketner, L. *see* Ogawa, D. 46847
Keto, E. The shapes of cross-correlation interferometers 48198
Ketsle, E.G. *see* Kucherenko, M.G. 14476
Ketsle, G.A. *see* Kucherenko, M.G. 14476
Kettaf, M. *see* Bernede, J.C. 2128
Ketteler, K.R. Multisystem propulsion concept on the basis of the double star circuit 51789
Kettenis, J. *see* Lippens, P. 5022
Ketterson, A.A. *see* Grundbacher, R. 43129
Ketterson, A.A. *see* Ming-Yih Kao 43153
Ketterson, J.B. *see* Cho, S. 54230
Kettle, P. *see* Murray, A. 61210
Kettleborough, J.G. *see* Antunes, F.L.M. 19760
Kettleborough, J.G. *see* Smith, I.R. 60187
Kettleborough, J.G. *see* Vadher, V.V. 61330
Kettler, D.I., Redding, N.J. A trimming algorithm to clean thinned features for feature extraction in image understanding 46157
Kettlewell, P.J., Mitchell, M.A., Meeks, I.R. An implantable radio-telemetry system for remote monitoring of heart rate and deep body temperature in poultry 59387
Kettunen, L. *see* Forsman, K. 44871
Kettunen, L. *see* Forsman, K. 44941
Kettunen, L. *see* Ikaheimo, J. 44932
Kettunen, V., Vahimaa, P., Turunen, J., Naponen, E. Zeroth-order coding of complex amplitude in two dimensions 57134
Keuk Hwan Ra *see* Jang Ho Chun 60982
Keulen, M.van *see* van Keulen, M.
Keum-Yong Kim *see* Jei-Hwan Yoo 1335
Keum-Yong Kim *see* Kyuchan Lee 53291
Keun Bae Jang *see* Jang Keun Bae
Keun Chang Gee *see* Gee Keun Chang
Keun Chang Jun *see* Jun Keun Chang
Keun Chang Young *see* Young Keun Chang
Keun Cheol Yuk *see* Jong Sub Song 48962
Keun Hwang Jong *see* Jong Keun Hwang
Keun Kim Chun *see* Chun Keun Kim
Keun Kim Dae *see* Dae Keun Kim
Keun Park Jong *see* Jong Keun Park
Keun Sung Dan *see* Dan Keun Sung

Keun Young Lee *see* Tae Won Hur 57055
Keun-Bae Kim, Hyup-Jong Kim Back-pressure buffering scheme to improve the cell loss property on the output buffered ATM switch 57569
Keun-Sun Chang, Byeong-Ho Park A numerical study on mixing characteristics of the chemical injection tank 60514
Keune, W. *see* Tappert, J. 3192
Keung, S., Kai-Yeung Siu Efficient protocols secure against guessing and replay attacks 46794
Keung Ko Ping *see* Ping Keung Ko
Keung-Shan Woo *see* Huff, H.R. 48883
Keuning, K.J. *see* Han Vinck, A.J. 25898
Keunjoo Kim, An, M.H., Shin, Y.G., Suh, M.S., Youn, C.J., Lee, Y.H., Lee, K.B., Lee, H.J., Oxide growth on silicon (100) in the plasma phase of dry oxygen using an electron cyclotron resonance source 54439
Keunjoo Kim, Young Hee Lee, Moon-Suhk Suh, Chang-Joo Youn, Kee-Bang Lee, Hyung Jae Lee Thermal oxynitridation of silicon in N_2O ambients 2402
Keur, J.M.van der *see* van der Keur, J.M.
Keuren, E.Van *see* Van Keuren, E.
Keurs, H.E.D.J.ter *see* ter Keurs, H.E.D.J.
Keusch, C. *see* Hintz, G. 13938
Keusseyan, R., Sawhill, H., Horowitz, S., Horne, G. Hermetic thick film multichip modules 300
Keusseyan, R.L., Parr, R., Speck, B.S., Crumpton, J.C., Chaplinsky, J.T., Roach, C.J., Valenta, K., Horne, G.S. New gold thick film compositions for fine line printing on various substrate surfaces 53809
Keutzer, K. *see* Coudert, O. 11046
Keutzer, K. *see* Devadas, S. 11110
Keutzer, K. *see* Monteiro, J. 41060
Kevenaar, T.A.M. *see* van Spaandonk, J. 22923
Kevern, J., Harper, D., Knasel, D., Knight, K., Satake, T. Multifiber connector end face attributes for optimal connector performance 3362
Kevorkian, A. *see* Barbier, D. 33109
Kevorkian, A. *see* Bismuth, J. 36111
Kevorkian, A. *see* Delavaux, J.-M.P. 26874
Kevorkian, J. *see* Wang, L. 24033
Kew, N.R. Information-theoretic measures for assessment and analysis in image classification 57077
Kewei Chen, Reiman, E.M., Lawson, M., Langsheng Yun, Bandy, D., Palant, A. Methods for the correction of vascular artifacts in PET O-15 water brain-mapping studies 28233
Kewei Long *see* Long Kewei
Kewell, A.K. *see* Reed, G.T. 12145
Kewell, A.K. *see* Tang, C.K. 3441
Kewley, D. *see* Tristan Chiu 48106
Kewley, D.J. Some principles for developing new data fusion systems 25245
Kewley, D.J. *see* Oxenham, M.G. 25233
Kexin Guo *see* Guo Kexin
Kexiong Tan *see* Tan Kexiong
Kexu Sun *see* Sun Kexu
Key, J.D. *see* Carpenter, L.L. 34614
Key, P.H. *see* Dyer, P.E. 40625
Key, T. *see* Jih-Sheng Lai 38333
Key Lee Moon *see* Moon Key Lee
Keydel, E.R., Lee, S.W. Signature prediction for model-based automatic target recognition 6940
Keydel, E.R., Lee, S.W., Moore, J.T. MSTAR extended operating conditions 8690
Keydel, W. SAR technique and technology, its present state of the art with respect to user requirements 16907
Keyes, B. *see* Venkatasubramanian, R. 38973
Keyhani, A., Tsai, H., Pillutla, S. Identification of synchronous machine saturated reactances 50953
Keyhani, A. *see* Faiz, J. 50958
Keys, D.J., Rao, G.M., Wannemacher, H.E., Bennett, C.W. Evaluation of Earth observing system AM-1 battery cell bypass protection 18681
Keys, D.J. *see* Herriage, M.J. 18706
Keyser, A.De *see* De Keyser, A.
Keyser, P.T. *see* Faller, J.E. 17188
Keyser, T. *see* Aguilera, M. 17633
Keyser, Th.H.De. *see* Cimpolasu, A. 30940
Keyser, U. *see* Rottger, S. 27381
Keyu Zhao *see* Fuyong Xu 14686
Keyu Zhao *see* Fuyong Xu 45340
Keyvanfar, M. *see* Safavi-Naeini, S. 34276
Keyvani, D., Lee, S.B., Watson, K., Maclay, G.J. Planar microfabricated two-electrode carbon monoxide sensors with different surface areas for the working-electrode 27740
Keyvani, D. *see* Maclay, G.J. 27745
Keyworth, B.P. *see* Boertjes, D.W. 13663
Keyworth, B.P. *see* Krishnaswamy, M. 949
Keyworth, B.P. *see* Krishnaswamy, M. 13639
Keyworth, B.P. *see* Krishnaswamy, M. 44416
Keyworth, B.P. *see* Rajkumar, N. 3647
Kezele, D. *see* Surry, J. 18908
Kezerashvili, G.Ya. *see* Aulchenko, V.M. 37214
Kezerashvili, G.Ya. *see* Aulchenko, V.M. 37243
Kezerashvili, G.Ya. *see* Aulchenko, V.M. 37247
Kezerashvili, M., Bednarek, D.R., Rudin, S. Automatic system for measuring dose-area product (DAP) in ROI fluoroscopy 59847
Kezerashvili, M., Rudin, S., Bednarek, D. Automatic filter placement device for region of interest (ROI) fluoroscopy 37758
Kezhi Wang *see* Wang Kezhi
Kezhong Yang *see* Yang Kezhong
Kezunovic, M., Chen, Q. A novel approach for interactive protection system simulation 50628
Kezunovic, M., Xia, Y.Q., Guo, Y., Fromen, C.W., Sevcik, D.R. Distance relay application testing using a digital simulator 28936
Kezunovic, M. *see* Sidhu, T.S. 50627
Kezys, V. *see* Litva, J. 34083
Khabayev, P.V. *see* Larkin, S.Y. 36875
Khabenskii, V.B. *see* Afrov, A.M. 29036
Khabibullin, B.M. *see* Shegeda, A.M. 14402
Khabibullin, I.G. *see* Man'ko, V.S. 17269
Khabibullin, M.M. *see* Dementyev, D.V. 37249
Khabipov, M.I. *see* Kessel, W. 21567
Khabthani, S. *see* Goldman, A. 2979
Khachaturov, B.A. *see* Ball, J. 18071
Khachaturyan, K. *see* Schwarz, R.B. 41919
Khadakkar, A.G., Sundari, R.M., Narayanan, R. Image processing techniques applied to enhancement of holographic fringe patterns 33763
Khademi, M. Reliability of telecommunications for bulk power system teleprotection 50626
Khader, M., Barnes, W. Laboratory based courses in distance learning settings 20468
Khadilkar, D.V., Stauffer, L.A. An experimental evaluation of design information reuse during conceptual design 39710
Khadpe, S. Worldwide activities in flip chip, BGA and TAB technologies and markets 20928
Khadzhi, P.I. Optical echo phenomenon in the system of two-level atoms beyond the mean field approximation 14352
Khaffaf, S.M. *see* Hyung Gi Byun 58878
Khaffaf, S.M. *see* Persaud, K.C. 27746
Khaffaf, S.M. *see* Persaud, K.C. 36751
Khaibullin, I. *see* Fattakhov, Y. 42362
Khaibullin, I.B. *see* Bayazitov, R.M. 32145
Khainovskii, V.I. *see* Il'ichev, E.A. 31158
Khaira, M. *see* Yirng-An Chen 31331
Khairuddin, I.U., Hunter, I.C. Whispering gallery dielectric resonator mode GaAs FET oscillator 11210
Khairullin, I.I., Abdurakhmanov, B.M., Saidov, M.S. Account of secondary electron flux and solar cell temperature in space photoelectric stations with solar radiation concentration 49940
Khajah, H.G. *see* Eldaou, M.K. 40249
Khakzar, K. Standard service node interface for the connection of broadband access networks 58030
Khalatyan, N. *see* Sudou, S. 37282
Khaled, E.E.M. Time-dependence of backscattered intensities of a sphere illuminated with very short electromagnetic pulses 56011
Khaled, M.A. *see* Kabir, I. 18420
Khalfan, H.F. *see* Byrd, R.H. 10415
Khalfaoui, M. *see* Ouaissa, K. 24853
Khalid, A.H., Gokdemir, T., Economides, S., Rezazadeh, A.A., Robertson, I.D. Multilayer techniques for MMICs 21968
Khalid, K. *see* Sivokobylenko, V.F. 50987
Khalifa, I.H., Al-Husban, A.N. Feedback linearization for DC shunt motor control 9269
Khalifa, Y.M.A. *see* Horrocks, D.H. 31421
Khalifeh, J. c(2×2) antiferromagnetic superstructure of Mn overlayers on Pd(001) 3198
Khalil, A. *see* Amer, A. 9191
Khalil, A.Abou *see* Abou Khalil, A.
Khalil, D.A., Amer, T.A., Ragaie, H.F. The weighted index beam propagation method (WIBPM) 55288
Khalil, I., Ali, B.M. NN-based time-slice allocator for bandwidth management in ATM networks 35416
Khalil, I., Ali, B.M., Bidin, A.R., Mukerjee, M.R. Characterizing variation of traffic parameters in ATM networks using neural networks 46603
Khalil, M.S. On the use of doped polyethylene as an insulating material for HVDC cables 19348
Khalil, M.S., Cherifi, A., Toureille, A., Reboul, J.-P. Influence of $BaTiO_3$ additive and electrode material on space-charge formation in polyethylene. Evidence from thermal step space-charge measurements 32742
Khalil, N., Faricelli, J. Inverse modeling profile determination: implementation issues and recent results 12857
Khalil, R.A.Haj *see* Haj Khalil, R.A.
Khalil, W., Lemoine, P. A software package for the calibration of robots 48922
Khalil, Y.F. *see* Elicson, G.T. 19459
Khalily, F.Y. *see* Braginsky, V.B. 41417
Khamas, S.K. *see* Cook, G.G. 47836
Khamisy, A. *see* Cidon, I. 46556
Khamlichi, J. *see* Gourrett, J.P. 25255
Khamlichi, K.D.E. *see* Luk, P.C.K. 51669
Khamlichi, K.Drissi El *see* Drissi El Khamlichi, K.
Khammash, M.H. *see* Pawloski, C.D. 8778
Khamooshi, H. Network-based project planning and scheduling 20796
Khamsehpour, B., Wilkinson, C.D.W., Chapman, J.N., Johnston, A.B. High resolution patterning of thin magnetic films to produce ultrasmall magnetic elements 3098
Khan, A. *see* Chen, F. 12881
Khan, A. *see* Ghisoni, M. 44778
Khan, A. *see* Hunt, J. 33310
Khan, A.K. *see* DeBrunner, V.E. 9922
Khan, A.R., Choudhury, P.P., Dihidar, K., Mitra, S., Sarkar, P. VLSI architecture of a cellular automata machine 46379
Khan, A.Y. *see* Martinez, J.L. 29891
Khan, A.Z., Shahzad, F., Shwehdi, M.H. Step-change in generator mechanical power: comprehensive analysis 60670
Khan, A.Z. *see* Shwehdi, M.H. 8770
Khan, F., Zeghlache, D. Analysis of aggressive reservation multiple access schemes for wireless PCS 6618
Khan, F., Zeghlache, D. Priority-based multiple access (PBMA) for statistical multiplexing of multiple services in wireless PCS 46663
Khan, G.F. Organic charge transfer complex based printable biosensor 36711
Khan, G.F., Wernet, W. Platinization of shapable electroconductive polymer film for an improved glucose sensor 7462
Khan, G.N., Gillies, D.F. Vision based navigation system for an endoscope 5480
Khan, H. Correlates of engineering and management effectiveness: design of a strategic university curriculum for corporate engineering executive development (SUCCEED) program 20550
Khan, I.A. Synthesis and analysis of inductor-isolated switched-mode converter 1129
Khan, I.A. Power electronics in automotive electrical systems 29836
Khan, J.I. Intermediate annotationless dynamical object-index-based query in large image archives with holographic representation 46463
Khan, J.I., Yun, D.Y.Y. Holographic image archive 15428
Khan, K.M. Modelling the energy dispersive X-ray detector efficiency at low and high photon energies 18156
Khan, L.M. *see* Narahari, Y. 20822
Khan, L.M. *see* Narahari, Y. 30148
Khan, M. *see* Egolf, T. 31055
Khan, M. *see* Ismaeel, A.A. 41090
Khan, M.A. A systems approach to training 39660
Khan, M.A., Chen, Q., Shur, M.S., Dermott, B.T., Higgins, J.A., Burm, J., Schaff, W.J., Eastman, L.F. CW operation of short-channel GaN/AlGaN doped channel heterostructure field effect transistors at 10 GHz and 15 GHz 13026
Khan, M.A., Chen, Q., Sun, C.J., Yang, J.W., Shur, M.S. Recent progress in AlGaN/GaN based optoelectronic devices 13902
Khan, M.A., Chen, Q., Sun, C.J., Yang, J.W., Shur, M.S. Recent progress in GaN based field effect transistors 31509
Khan, M.A., Chen, Q., Yang, J., Anwar, M.Z., Blasingame, M., Shur, M.S., Burm, J., Eastman, L.F. Recent advances in III-V nitride electron devices 43137
Khan, M.A. *see* Burm, J. 41443
Khan, M.A. *see* Bykhovski, A.D. 2024
Khan, M.A. *see* Chen, Q. 41469
Khan, M.A. *see* Chen, Q. 58757
Khan, M.A. *see* Jiang, H.X. 41899
Khan, M.A. *see* Knap, W. 54169
Khan, M.A. *see* Lim, B.W. 7365
Khan, M.A. *see* Lim, B.W. 48557
Khan, M.A. *see* Luther, B.P. 22425
Khan, M.A. *see* Ping, A.T. 12786
Khan, M.A. *see* Ping, A.T. 54458
Khan, M.A. *see* Schmitz, A.C. 12537
Khan, M.A. *see* Shur, M.S. 58743
Khan, M.A. *see* Silkowski, E. 12621
Khan, M.A. *see* Thakur, A.N. 54103
Khan, M.A. *see* Trexler, J.T. 12818
Khan, M.A. *see* Wiesmann, D. 14096
Khan, M.Asif *see* Asif Khan, M.
Khan, M.H. *see* Abuelma'atti, M.T. 21534
Khan, M.Haroon *see* Haroon Khan, M.
Khan, M.M. The development of personal communication services under the auspices of existing network technologies 47437
Khan, M.Mehmood *see* Mehmood Khan, M.
Khan, M.N., Zucker, J.E., Buhl, L.L., Miller, B.I., Burrus, C.A. Fabrication-tolerant, low-loss, and high-speed digital optical switches in InGaAsP/InP quantum wells 13697
Khan, M.N. *see* Saqib, N. 38492
Khan, M.R., Irvine-Halliday, D. Measurement of beat length in Hi-Bi fiber using Faraday magneto-optic effect 13619
Khan, M.Rezaul Huque *see* Rezaul Huque Khan, M.
Khan, M.Rezwan *see* Rezwan Khan, M.
Khan, N.A. *see* Mughal, G.R. 2615
Khan, O. *see* Davoli, F. 6343
Khan, R.A. *see* Smith, M. 12213
Khan, R.H. Target detection and tracking with HF radar using reciprocal SAR techniques 36242
Khan, R.U. *see* Mitra, H. 2708
Khan, S. Regression-based prediction for two-stage survey data with correlated normal errors 10247
Khan, S. *see* Kattakayam, T.A. 9558
Khan, S.A. *see* Angelo, D. 54814
Khan, S.A. *see* Conte, M. 18056
Khan, S.H., Finkelstein, L., Abdullah, F. Investigation of the effects of design parameters on output characteristics of capacitive angular displacement sensors by finite element field modelling 50907
Khan, U.A., Leeb, S.B., Lee, M.C. A multiprocessor for transient event detection 28888
Khan, W. *see* Hector, S. 32290
Khan, Z.H., Ilyas, M., Husain, M. Optical studies of a-$Ga_{20}Se_{80-x}Bi_x$ thin films 54118
Khan, Z.H., Zulfequar, M., Sharma, T.P., Husain, M. Optical properties of a-$Ga_{20}Se_{80-x}Sb_x$ thin films 3316

Khan, Z.H. *see* Manzar Malik, M. 54116
Khan-Afshar, K. *see* Sanchez, J. 26753
Khan-Cheema, U.M. *see* Klipstein, P.C. 12336
Khandani, A.K. Optimum source-to-channel assignment 24783
Khandani, A.K. Computing the nearest point of a cartesian product set with a constraint on an additive cost using zero-one programming 34623
Khandani, A.K. Reducing the peak and the average energy of a multi-dimension signal constellation with a non-flat power spectrum 34877
Khandani, A.K. *see* Banihashemi, A.H. 45640
Khandani, A.K. *see* Mohammadi, A.H.S. 34564
Khandavalli, C.S. *see* Mason, S. 53604
Khandelwal, A., Pereira, J.P., Srivastava, A. FITL deployment in India 47423
Khandkar, A.C. *see* Frost, L.J. 19995
Khandokhin, P.A. *see* Gelikonov, V.M. 14215
Khandokhin, P.A. *see* Koryukin, I.V. 14208
Khandokhin, P.A. *see* Milovsky, N.D. 13990
Khandryga, D.V. *see* Plekhanov, A.V. 14538
Khanh, N.Q. *see* El-Sherbiny, M.A. 12650
Khanh, N.Q. *see* Peto, G. 30747
Khanin, E. *see* Goren, D. 39041
Khanin, S.D., Uritskaya, I.A., Uritsky, V.Ya. Application of C-V characteristics of semiconductor-insulator semiconductor structures for investigation of charge state in thin dielectric layers 58979
Khanin, V.V. *see* Iakovenko, S.A. 31641
Khanin, V.V. *see* Soldatov, E.S. 2732
Khanin, Ya.I. *see* Koryukin, I.V. 14208
Khanin, Ya.I. *see* Milovsky, N.D. 13990
Khanna, A.S. *see* Quadakkers, W.J. 38957
Khanna, M.K. *see* Maneesha 2681
Khanna, S.M., Houdayer, A., Jorio, A., Carlone, C., Parentean, M., Gerdes, J.W., Jr. Nuclear radiation displacement damage prediction in gallium arsenide through low temperature photoluminescence measurements 22258
Khanna, S.M., Liu, H.C., Wilson, P.H., Li, L., Buchanan, M. High energy proton and alpha radiation effects on GaAs/AlGaAs quantum well infrared photodetectors 27587
Khanna, S.M. *see* Liu, H.C. 17370
Khanokh, B. *see* Nitzan, M. 7873
Khanwilkar, P.S. *see* Hee Chan Kim 18534
Khanzadeev, A. *see* Murphy, C.T. 49262
Khaouli, M. *see* Spadtke, P. 37204
Khapalov, A.Y., Mohler, R.R. Global controllability of the power transmission network 50510
Khapalyuk, A. The generalization of Sommerfeld problem about plane wave diffraction on edge of semiplane 45080
Khapalyuk, A. *see* Titov, A. 45031
Khaparde, S.A., Bhattacharyya, K. Power system reliability evaluation using fuzzy logic and neural networks 38309
Khaparde, S.A. *see* Koppikar, D.A. 38785
Kharab, A., Kharab, R. Spreadsheet solution of hyperbolic partial differential equations [for EM field calculations] 30050
Kharab, R. *see* Kharab, A. 30050
Kharashvili, O. *see* Tsintsadze, Z. 8201
Kharbanda, O.P., Sharma, N. Nitinol expansion for transverse maxillary deficiency 8147
Kharchilava, A. *see* Bamberger, A. 7787
Kharchilava, A. *see* Bamberger, A. 37358
Khare, J., Maly, W. Rapid failure analysis using contamination-defect-fault (CDF) simulation 2752
Khare, J. *see* Maly, W. 13090
Khare, M. *see* Xiewen Wang 2657
Khare, N., Gupta, A.K., Khare, S., Singh, H.K., Saxena, A.K., Srivastava, O.N. Hg(Tl)-Ba-Ca-Cu-O high-T_c thin film rf-SQUID operating above 115 K 43791
Khare, N., Gupta, A.K., Shrivastava, S.K., Khare, S., Padmanaban, V.P.N. High-T_c thick-film magnetic field sensor based on harmonic generation effects 36461
Khare, N. *see* Gupta, A.K. 36491
Khare, P.K. *see* Kuraria, R.K. 54906
Khare, P.K. *see* Singh, R. 54958
Khare, S. *see* Gupta, A.K. 36491
Khare, S. *see* Khare, N. 36461
Khare, S. *see* Khare, N. 43791
Khargonekar, P.P., Yamamoto, Y. Delayed signal reconstruction using sampled-data control 34971
Khargonekar, P.P. *see* Hankinson, M. 32168
Khargonekar, P.P. *see* Vincent, T.L. 32166
Kharitonov, A.I. *see* Dranevich, V.A. 27409
Khar'kovskii, S.N., Kogut, A.E., Kutuzov, V.V. Conversion of whispering gallery modes in a dielectric ball excited by a dielectric waveguide 13408
Khartov, S. *see* Grigorian, V. 18742
Kharus, G.I. *see* Arapov, Yu.G. 54145
Kharus, G.I. *see* Neifel'd, E.A. 54060
Khasabov, A.G. *see* Turik, A.V. 43474
Khasanov, O.K., Smirnov, T.V., Fedotova, O.M. Multipulse generation of stimulated photon echo signals in optically dense media 44717
Khasawneh, M.A. *see* Draidi, J.A. 4731
Khasgiwala, V.C. *see* McConnell, M.V. 28274
Khashimov, A.A. Energy-saving automatic AC drive systems 20105
Khasilev, V.Y. Optimal control of all optical communication soliton systems 26846
Khasnabish, B. Broadband to the home (BTTH): architectures, access methods, and the appetite for it 35842
Khasnabish, B., Ahmadi, M. Call center workflow management via neural association 46944
Khasnabish, B., Ahmadi, M. Improving the reliability of connections in cellular wireless environments via mobility tracking 47792
Khasnabish, B., Ahmadi, M. A technique for mobility tracking in cellular wireless environments 47819
Khassanov, I., Schaldach, M. Reliability aspects in implantable electronics 28437
Khastgir, P. *see* Choudhury, P.K. 33101
Khastgir, P. *see* Sharan, P. 43991
Khastgir, P. *see* Shukla, P.K. 4320
Khastgir, P. *see* Singh, U.N. 3365
Khastgir, P. *see* Srinivasa Rao, M.P. 43992
Khastsaev, B.D. Analog linear invariant impedance meters 17733
Khataniar, D. *see* Brown, L.F. 18367
Khater, F.M.H. Power electronics in wind energy conversion systems 29174
Khater, M.M. *see* Zein El Din, A.S. 9165
Khatir, Z., Lallemand, R. Experimental and numerical investigations on a hard GTO turn-on process 42971
Khatkevich, A.G. *see* Belyi, V.N. 33613
Khatri, A. A throttle cycle refrigerator operating below 77 K 51869
Khatri, F.I. *see* Haus, H.A. 44671
Khatri, S.P. *see* Jain, J. 30508
Khatskelevich, Ya.D. *see* Bakit'ko, R.V. 48163
Khattab, N.M. Optimization of hybrid solar dryer 39424
Khattab, T., Rawlins, A.D. Principles of low PIM hardware design 58258
Khattak, C.P., Schmid, F. Automation in HEM silicon ingot production [for solar cells] 39013
Khattak, C.P. *see* Narasimha, S. 39202
Khattak, C.P. *see* Rohatgi, A. 39053
Khattak, C.P. *see* Smith, M. 33195
Khatun, M. *see* Kabir, I. 18420
Khavinson, L.F. *see* Khavinson, V.M. 14506
Khavinson, V. *see* Frantzus, E. 27361
Khavinson, V.M., Khavinson, L.F. Two-coordinate laser measuring system for the scanning tunnelling and atomic-force microscopes 14506
Khavinson, V.M., Meinikov, N.A. On using high-harmonic technique for laser frequency stabilization on absorption lines of hyperfine structure 23724
Khavinson, V.M. *see* Frantsuz, E.T. 27198
Khawaja, Y., Felker, S., Desanti, T. Implementation of an in-situ particle monitoring methodology in a production environment 42447
Khawaja, Y. *see* Dang, K. 42448
Khayat, H. Congestion management for connectionless traffic in ATM wide area networks 16243
Khaydarov, J. *see* Ovryn, B. 33780
Khayrallah, A.S. Precoding for convolutional codes 4468
Khayrallah, A.S. A DPCM scheme with good channel response 34523
Khayrallah, A.S., Neuhoff, D.L. A new construction for shaping codes 34627
Khayrallah, A.S. *see* McLaughlin, S.W. 34601
Khazan, A.A. *see* Margalit, M. 44588
Khazan, A.A. *see* Portnoi, E.L. 55641
Khazan, A.A. *see* Venus, G.B. 55596
Khazan, M.A. *see* Fedorov, M.I. 31909
Khazanov, E.A. Investigation of the energy characteristics of two-pass and four-pass laser amplifiers 44431
Khazhinsky, M.G. *see* Blakey, P.A. 54563
Khaziakhmetov, R.M. *see* Sedlov, A.S. 38601
Khazin, B.I. *see* Anashkin, E.V. 37232
Khazov, V.N. *see* Demyanov, S.E. 49942
Khebir, A., Savard, P. A three-dimensional model for microwave treatment of heart rhythm disorders 59784
Khebir, A. *see* Kaouk, Z. 59782
Khedro, T. AgentCAD: a distributed cooperative CAD environment 16301
Kheifets, L.I., Kavet, R., Sussman, S.S. Wire codes, magnetic fields, and childhood cancer 59835
Kheirmand, A., Leijon, M. Continuous on-line partial discharge monitoring of power generators 38679
Khelifa, N. *see* Juncar, P. 17182
Khelil, A. *see* Bernede, J.C. 2128
Khelil, A. *see* Bernede, J.C. 32183
Khelil, A. *see* Essaidi, H. 12320
Khellab, M. *see* Brown, S. 11259
Khemka, V., Chow, T.P. Thermal oxidation of (100) silicon in O_2 and CO_2 and its effect on the SiO_2-Si metal oxide semiconductor parameters 54383
Khenchaf, A., Daout, F., Saillard, J. The two-scale model for random rough surface scattering 38095
Khenchaf, A., Daout, F., Saillard, J. The two-scale model for random rough surface scattering 50145
Khenchaf, A. *see* Benois-Pineau, J. 5430
Kher, S. *see* Uschitsky, M. 16520
Kheraj, N.S., Blew, A., Denenberg, D. Non-destructive contactless sheet resistance measuring system for flat panel displays 17676
Kherbouche, F. *see* Poumellec, B. 33673
Kherrat, R., Jaffrezic-Renault, N., Greco, P., Helmers, H., Benech, P., Rimet, R. Integrated optical enlarged-field interferometer used as a chemical sensor 48705
Kheruntsyan, K.V. *see* Kryuchkyan, G.Yu. 33689
Khevsuriani, I.M. *see* Shevchenko, V.V. 9468
Kheyrandish, H. *see* Pringle, S.D. 10891
Khidir, A.M. *see* Khidir, M.T.M. 8955
Khidir, M.T.M., Khidir, A.M., Ameen, T.M. Computer simulation of compounded distance protection 8955
Khil, A., Maeng, S. Scheduling of multimedia traffic for continuous media in packet-switched networks 47343
Khilko, A.Y. *see* Izumi, A. 778
Khilla, A.-M. High integration in solid-state equipment: Linearized L/C-band SSPA/upconverter for mobile communication satellite 26644
Khilo, N.A. *see* Belyi, V.N. 33613
Khimich, A.N. Perturbation bounds for the least squares problem 30592
Khimicheva, A.I. *see* Skripnik, Yu.A. 36509
Khitrov, D.A. *see* Rassomakhin, S.G. 34497
Khitrova, G. *see* Berger, J.D. 44527
Khitrova, G. *see* Nelson, T.R., Jr. 3934
Khitrova, G. *see* Ten, S. 22372
Khitun, A.G. *see* Biryukov, A.S. 55180
Khivrich, V.I., Varentsov, M.D., Litovchenko, P.G., Anokhin, A.I., Zinets, O.S., Reinhard, M.I., Rosenfeld, A.B., Carolan, M., Alexiev, D. High purity silicon as a basic material for manufacturing of radiation detectors and integral neutron radiation dosimeters 28020
Khiyal, M.S.H., Thomas, R.M. Variable-order, variable-step methods for second-order initial-value problems 52564
Khizhnyak, A.B. *see* Golovin, A.B. 14207
Khizhnyak, A.I. *see* Golovin, A.B. 44595
Khizhnyak, A.I. *see* Ilyenkov, A.V. 44610
Khizhnyak, N. *see* Prijmenko, S. 45313
Khiznyak, A.I. *see* Ilyenkov, A.V. 14258
Khiznyak, A.I. *see* Ilyenkov, A.V. 14343
Khlebova, N. *see* Nikulin, A. 55098
Khlobystov, V.V., Kashpur, E.F. On interpolation of polynomial operators 30565
Khlopov, G.I. *see* Kostenko, A.A. 13471
Khludkov, S.S. *see* Chmill, V.B. 37223
Khlyst, V.A. *see* Aristov, P.A. 17276
Khmyrova, I. *see* Ryzhii, V. 2592
Khmyrova, I. *see* Ryzhii, V. 17389
Khmyrova, I. *see* Ryzhii, V. 55660
Khodabakhchian, B., Vuong, G.-T. Modeling a mixed residential-commercial load for simulations involving large disturbances 60217
Khodabakhchian, B., Vuong, G.T., Bastien, S. On the comparison between a detailed turbine-generator EMTP simulation and corresponding field test results 50326
Khodabakhchian, B. *see* Que Bui-Van 38897
Khodasevich, M.A. *see* Karpushko, F.V. 14775
Khodja, S. *see* Said, A.A. 24227
Khodonov, A. *see* Silfsten, P. 7433
Khodorkovsky, J.S. *see* Zaitsev, E.F. 45464
Khodos, V.V. *see* Basov, S.A. 31717
Khodova, G.V. *see* Rosanov, N.N. 14259
Khodova, G.V. *see* Rozanov, N.N. 14398
Khodzhayev, K.Sh. *see* Skuhov, D.Yu. 21469
Khoe, G.-D. *see* Pennings, E. 44049
Khoe, G.D. *see* Pennings, E.C.M. 44060
Khoi, N.T. *see* Gaj, J.A. 22368
Khoi Le Van *see* Le Van Khoi
Khoi Nguyen The *see* Nguyen The Khoi
Khokhar, A.A. *see* Patel, J.N. 35068
Khokhlov, A.F. *see* Pavlov, D.A. 54013
Khokhlov, A.F. *see* Terekhov, V.A. 54029
Khokhlov, A.V., Myasnikov, A.V. Minimization of the error of millimeter-wave polarization measurements by the method of differential switching 27875
Khokhlov, D.A. *see* Terekhov, V.A. 54029
Khokhlov, G.I. *see* Aandreyev, G.A. 36024
Kholine, N. *see* Siegbahn, K. 37529
Kholkin, A.L., Tagantsev, A.K., Colla, E.L., Brooks, K.G., Setter, N. Transient and steady-state conduction in sol-gel $PbZr_{0.53}Ti_{0.47}O_3$ (PZT) films 54935
Kholod, Yu.D. *see* Ivanov, A.I. 19755
Kholod, Yu.D. *see* Zubkov, A.A. 20168
Kholodnov, V.A., Drugova, A.A. Increasing the concentration of recombination impurities as a means to suppress the amplification saturation effect in intrinsic threshold photoresistors with extracting contacts and impurity recombination of photo-generated carriers 44237
Khomenko, A.I. *see* Galstjan, E.A. 53978
Khomenko, A.I. *see* Kasatkin, V.P. 20147
Khomenko, A.V., Garcia-Weidner, A., Tentori, D. Enhanced two-wave mixing in an optical active photorefractive waveguide 33617
Khomenko, A.V. *see* Kamshilin, A.A. 14308
Khomenko, V. *see* Kalinichenko, A. 49307
Khomich, A.A., Mishchuk, S.Y., Rogov, A.N., Ushakov, V.N. Acousto-optic matched filters with electronic adjusting 3503
Khomich, A.V. *see* Borzdov, V.M. 54178
Khomich, A.V. *see* Polyakov, V.I. 54268
Khomutov, G.B. *see* Iakovenko, S.A. 31641
Khomutov, G.B. *see* Soldatov, E.S. 2732
Khondker, A.N., Haque, A. Random impurity and phonon-scattering processes in multibarrier structures 42193
Khong, Y.L., Tan, G.S., Tan, G.A. Surface and interfacial roughness of polished and oxidized silicon wafers evaluated by an infrared differential interference contrast technique 12578

Khonina, S.N. *see* Soifer, V.A. 5627
Khonina, S.N. *see* Soifer, V.A. 34979
Khoo, I.C., Lee, M., Wang, K., Wood, M. Liquid crystal fiber arrays for image transmission and all-optical switching and limiting application 3399
Khoo, I.C., Wood, M.V., Lee, M., Guenther, B.D. Nonlinear liquid-crystal fiber structures for passive optical limiting of short laser pulses 4023
Khoo, I.C. *see* Wood, M.V. 23599
Khoo Kei-Yong *see* Kei-Yong Khoo
Khoo Li-Pheng *see* Ang Cheng-Leong 10206
Khoon Chan Fang *see* Chan Fang Khoon
Khoong, C.M. 'Second wave' reengineering: structure and methodology 39658
Khopin, V.F. *see* Dianov, E.M. 23812
Khopin, V.F. *see* Dianov, E.M. 33041
Khoptyar, S.A. *see* Detinko, M.V. 17790
Khorabi, A. *see* Farrow, G.S.D. 15472
Khorasani, K. *see* Weng, W. 8055
Khorasanov, G.L. *see* Chernov, V.M. 54896
Khoroshaev, V.M. *see* Martyshevcky, J.V. 37602
Khoroshikh, V.M. *see* Aksenov, I.I. 23220
Khoroshikh, V.M. *see* Aksenov, I.I. 23221
Khorram Siamak *see* Siamak Khorram
Khorrami, F. *see* Jain, S. 51433
Khorrami, F. *see* Melkote, H. 51060
Khorramshahi, A. *see* Deaver, B.J., Sr. 38352
Khorsandi, S., Leon-Garcia, A. Flow control in ATM networks: a decision process formulation 46553
Khoruv, D.S., Marks, G.F. Adaptive regularization of the inverse problem in electrocardiography 59671
Khoshgoftaar, T.M., Allen, E.B., Kalaichelvan, K.S., Goel, N. Predictive modeling of software quality for very large telecommunications systems 5918
Khoshnevisan, M. *see* Motamedi, M.E. 54856
Khosla, P.K. *see* Couvignou, P.A. 17521
Khosla, P.K. *see* Voyles, R.M. 15421
Khosravi, M. *see* Nefian, A.V. 56850
Khosravipour, M., Grunbacher, H. VHDL-based rapid hardware prototyping using FPGA technology 11311
Khosrovshahi, G.B. *see* Kalantari, B. 10316
Khotsyanov, D.I. *see* Il'inskii, A.D. 9653
Khoudour, L., Duvieubourg, L., Deparis, J.-P. Real-time pedestrian counting by active linear cameras 25564
Khoudour, L., Duvieubourg, L., Meunier, B., Yue Feng Wan, Deparis, J.-P. A new fast algorithm using an adaptative structuring element applied to a counting device 57493
Khoudour, L. *see* Deparis, J.P. 25504
Khounsary, A. *see* Ice, G. 37552
Khoury, A. *see* Farah, J. 9553
Khoury, A.Z., Kist, T.B.L. Trapping state stabilization in a micromaser with a mixed atomic beam 44321
Khoury, A.Z. *see* de B. Oliveria-Neto, L. 13930
Khoury, D.S., Berrier, K.L., Badruddin, S.M., Zoghbi, W.A. Temporal and spatial summation of endocardial inverse solutions using a multielectrode probe 37776
Khoury, H.J. *see* Alvarez Romero, J.T. 7791
Khoury, J. *see* Asimellis, G. 25274
Khoury, M. *see* Ferry, D.K. 2557
Khovanov, I.A. *see* Anishchenko, V.S. 21465
Khozhainov, A.L., Nikitin, V.V. Autonomous tractive electric transmission with superconducting electric machines and magnetic energy storage 29797
Khramenkov, V.N., Ivanov, S.I. Design of an efficient secondary standard of alternating current strength at frequencies from 20 Hz to 1 MHz 17170
Khramov, A.G. *see* Soifer, V.A. 34979
Khramov, V. *see* Anikeev, B. 24059
Khramtsovskii, S.S. *see* Galanin, M.P. 4216
Khramtsovsky, S.S. *see* Galanin, M.P. 33895
Khrapko, R.R. *see* Bubnov, M.M. 13596
Khrapko, R.R. *see* Dianov, E.M. 33029
Khrapko, R.R. *see* Dianov, E.M. 43981
Khrebvot, I.A. *see* Burnus, M. 17377
Khristoforova, T.V. *see* Postnikov, I.I. 43600
Khritov, K.M. *see* Rotinyan, M.A. 13954
Khromov, S.Yu. *see* Shanin, O.I. 46057
Khrunov, V.S. *see* Krasilnikov, A.V. 37524
Khrushchev, I.Y., Kitcher, D.J., Williams, K.A., White, I.H., Laughton, F.R., Penty, R.V. Picosecond Q-switched bow-tie laser diode array 44439
Khrushchev, I.Yu., Fernandes, M.O., Bayvel, P. Single-frequency travelling-wave Fabry-Perot cavity laser 23806
Khrushchinsky, A.A. *see* Prokopovich, I.P. 4061
Khrustalev, M.M. *see* Azanov, I.B. 28543
Khrutchinsky, A.A. *see* Prokopovich, I.P. 14295
Khryapov, P.A. *see* Bugaev, S.P. 18915
Khurgin, J.B. Dispersion and anisotropy of optical rectification in zinc blende quantum wells 3982
Khurgin, J.B. *see* Ding, Y.J. 3997
Khurgin, J.B. *see* Ding, Y.J. 4002
Khurgin, J.B. *see* Ding, Y.J. 55870
Khurgin, J.B. *see* Obeidat, A.T. 44261
Khurgin, J.B. *see* Veliadis, J.V.D. 23991
Khuri, S., Schutz, M., Heitkotter, J. Evolutionary heuristics for the bin packing problem 21106
Khuri, S.A. *see* Wazwaz, A.M. 10549
Khuri-Yakub, B.T. *see* Soh, H.T. 18957
Khursheed, A. High order interpolation methods for finite element solved potential distributions in the two dimensional rectilinear coordinate system 33828
Khursheed, A., Yao Pei Quasi-conformal finite element mesh generation for electron gun simulation 31689
Khurshudov, A.G., Kato, K. Tribological properties of carbon nitride overcoat for thin-film magnetic rigid disks 43674
Khusainov, A., Arlt, R., Siffert, P. Performance of a high resolution CdTe and CdZnTe P-I-N detectors 37337
Khusainov, A.Kh. *see* Iwanczyk, J.S. 37327
Khusainova, N.F. *see* Razykov, T.M. 40307
Khutorshchikov, V. *see* Gevorkyan, A. 27276
Khutorskaya, O.Ye., Fjodorova, N.V. Application of the method of spectral-statistical analysis of EMG for evaluating the influence of medication on the treatment of Parkinson's disease 8048
Khval'kov, A.A. *see* Povalyaev, A.A. 38039
Khval'kov, N. *see* Povalyaev, A.A. 48164
Khvatov, N.A. *see* Zagidullin, M.V. 55487
Khvorostov, E.B. *see* Vasilenko, L.S. 4058
Khvorostov, P.V., Braun, M., Poon, C.S. Edge quality metric for arbitrary two-dimensional edges 15971
Khvoshchinskaya, Z.G. *see* Gurevich, Yu.Ye. 9114
Khvostikov, V.P. *see* Andreev, V.M. 38996
Khvostov, V.V. *see* Guseva, M.B. 40609
Khwang Teoh Eam *see* Eam Khwang Teoh
Khzmalyan, A.D., Kondrat'yev, A.S. Phase-only synthesis of antenna array amplitude pattern 14746
Ki Bang Lee, Jun-Bo Yoon, Myung-Seok Kang, Young-Ho Cho, Sung-Kie Youn, Choong-Ki Kim A surface-micromachined tunable microgyroscope 13191
Ki Bang Lee, Young-Ho Cho Electrostatic control of mechanical quality factors for surface-micromachined lateral resonators 23038
Ki Bang Lee, Young-Ho Cho An electrostatic quality factor control for surface-micromachined lateral resonators 23078
Ki Bong Choi *see* Bong Dae Choi 5748
Ki Chang Son, Chong Son Chun, Byeong Joo Lee, Soon Sung Lee, Byung Chai Lee Verification of safety critical software 50752
Ki Chul Han *see* Seok Jin Jang 58162
Ki Gon Nam *see* Ki Hyung Kang 58933
Ki Gon Nam *see* Man Tak Huh 15221
Ki Gon Nam *see* Tae Wan Choi 46177
Ki Gwan Wan *see* Hyun Su Kim 3760
Ki Hyun Cho, Jeong Yong Lee, Eun Kyung Suh, Ki Wan Kim Prerequisite for photoluminescence D line spectra of heat-treated carbon-lean Czochralski silicon crystals 31784
Ki Hyun Kim *see* Ki Nam Oh 40294
Ki Hyun Yoon, Jeong Won Lee, Yong Soo Cho, Dong Heon Kang Photoeffects in WO_3/GaAs electrode 2274
Ki Hyun Yoon, Sun Hi Yoo, Dong Heon Kang Effect of excess MgO on dielectric properties of PMN-PT ceramics with ZnO additive 54933
Ki Hyun Yoon, Yoon Hee Chang, Woo Sup Kim, Jae Beom Kim, Eung Soo Kim Dielectric properties of $Ca_{1-x}Sm_{2x/3}TiO_3$-$Li_{1/2}Ln_{1/2}TiO_3$ ceramics 2940
Ki Hyung Kang, Jeong Min Moon, Tae-Hoon Yoon, Jae Chang Kim, Ki Gon Nam, Gi-Dong Lee, Eung-Sang Lee Design and fabrication of a reflective multicolor STN-LCD panel 58933
Ki Hyung Kim, Soo Young Yoon, Chae Ok Kim, Jin Jang, Kun Ho Yoo A study of the annealing effect on ion-doped polycrystalline silicon 12166
Ki Jung Soon *see* Soon Ki Jung
Ki Kim Suk *see* Suk Ki Kim
Ki Kwon Ho *see* Ho Ki Kwon
Ki Lee Chang *see* Chang Ki Lee
Ki Nam Oh, Ki Hyun Kim, Yun Chul Chung, Sun Ung Kim, Mann Jang Park Energy band gap and electrical properties of $Hg_{1-x}Zn_xTe$ single crystals grown by the traveling heater method 40294
Ki Nam Oh, Won Sik Woo, Jae Yoan Lee, Sun Ung Kim, Mann Jang Park Study of the anodic oxide films by passivating $Hg_{1-x}Zn_xTe$ 42426
Ki Paik Joon *see* Joon Ki Paik
Ki Park Jung *see* Jung Ki Park
Ki Sang Hong *see* Yongduek Seo 5119
Ki Sang Jang *see* Hou, Y.B. 32113
Ki Sang Jang *see* Myung Soo Han 30779
Ki Seung Lee, Won Doh, Kun Jong Park, Dae Hee Youn Image enhancement based on signal subspace approach 56981
Ki Shin Dong *see* Dong Ki Shin
Ki Wan Kim *see* Ki Hyun Cho 31784
Ki Wan Kim *see* Tae Young Ma 21322
Ki Wing-Hung *see* Wing-Hung Ki
Ki Woong Nam *see* Chang Seop Koh 51041
Ki Yong Lee, Byung-Gook Lee, Iickho Song, Jisang Yoo Recursive speech enhancement using the EM algorithm with initial conditions trained by HMM's 15071
Ki Yong Lee, Jae Yeol Rheem, Shirai, K. Recursive estimation based on the trended hidden Markov model in speech enhancement 56390
Ki Young Suh *see* Bog Kwon Kim 53075
Ki Young Um, Hong Jin Kong Passively Q-switched pulse width variation using an amplified feedback pulse reflected from a stimulated Brillouin scattering mirror 55589
Ki-Bong Kim Field analysis of low acoustic noise switched reluctance motor 50942
Ki-Bum Kim *see* Do-Heyoung Kim 12583
Ki-Bum Kim *see* Gyu-Chang Jun 42259
Ki-Bum Kim *see* Ki-Chul Park 2430
Ki-Bum Kim *see* Kyung-Hoon Min 2420
Ki-Chai Kim *see* Uchida, K. 45116
Ki-Cheol Park, Dae-Young Ma, Ki-Wan Kim, Kun-Ho Kim The electrical and optical properties of AZO films prepared by rf magnetron sputtering 12258
Ki-Chul Kim, Charara, A., Ortega, R., Vilain, J.-P. Practical application of passivity based control for induction motors 60761
Ki-Chul Kim, Ortega, R., Charara, A., Vilain, J.-P. Theoretical and experimental comparison of two nonlinear controllers for current-fed induction motors 60766
Ki-Chul Park, Ki-Bum Kim, Raaijmakers, I.J.M.M., Ngan, K. The effect of density and microstructure on the performance of TiN barrier films in Cu metallization 2430
Ki-Chul Shin, Serizawa, N., Arai, S. Ultra-low threshold current laser for optical parallel data communication 55719
Ki-Ho Baik Korean road map for micropatterning into the next century 42812
Ki-Ho Baik *see* Seong-Ho Jeon 32271
Ki-Hwan Kim *see* Kyoung-Ryul Yoon 40596
Ki-Hwan Kim *see* Seok-Keun Koh 14232
Ki-Hwan Kim *see* Seok-Keun Koh 42671
Ki-Hyun Hwang, Euijoon Yoon, Ki-Woong Whang, Jeong Yong Lee Mechanism of surface roughness in hydrogen plasma-cleaned (100) silicon at low temperatures 42513
Ki-Hyun Hwang, Jin-Won Park, Euijoon Yoon, Ki-Woong Whang, Jeong Yong Lee Amorphous {100} platelet formation in (100) Si induced by hydrogen plasma treatment 32162
Ki-Jin Kwon, Min-Soo Kim, Se-Kwang Park Sensing system for flowing cell using optical method 49445
Ki-Jong Lee *see* Tae-Sung Jung 1329
Ki-Jong Lee *see* Young-Joon Choi 1403
Ki-Jun Han *see* Jae-Yeul Chung 6389
Ki-Jun Han *see* Jim-Hee Cho 6015
Ki-Jun Han *see* Young-Wook Cha 57563
Ki-Jun Lee *see* Jin-Ki Kim 53294
Ki-Nam Kim *see* Hyoung-Sub Kim 1357
Ki-Nam Kim *see* Jei-Hwan Yoo 1335
Ki-Sang Hong *see* Jeong-Hun Jang 57234
Ki-Seok Moon *see* Sug-Bong Choe 10870
Ki-Seung Lee, Doh-Won, Dae-Hee Youn Image quality enhancement using signal subspace method 57172
Ki-Sik Lee *see* Il-Han Park 44960
Ki-Sik Lee *see* Seung-Hyun Song 41557
Ki-sik Lee *see* Yangsoo Lee 51021
Ki-Soo Kim, Jae-Wook Yoo, Seung-Kwan Kim, Byung-Yoon Kim Embedded intrinsic Fabry-Perot optical fiber sensors in the cement concrete structure 17404
Ki-Sung Kim *see* Seon-Hyo Kim 21328
Ki-Sung Kim *see* Seon-Hyo Kim 30919
Ki-Tae Park *see* Dong-Hoon Han 25349
Ki-Wan Jang *see* Nam-Hoon Cho 12694
Ki-Wan Kim *see* Ki-Cheol Park 12258
Ki-Whan Song *see* Yeong-Taek Lee 54650
Ki-Woong Whang *see* Chung-Kyu yeon 42585
Ki-Woong Whang *see* Ki-Hyun Hwang 32162
Ki-Woong Whang *see* Ki-Hyun Hwang 42513
Ki-Youn Joe, Dong-Hee Kim, Sang-June Bae A study on the voltage source generation system with commercial frequency using high frequency resonant type inverter 19877
Ki-Young Lee *see* Tae-Wan Kim 50751
Ki-Young Oh, Kenji Uchino, Cross, L.E. Optical study of domains in antiferroelectric ceramics 43504
Ki-Young Suh *see* Dong-Kurl Kwak 29379
Kia, O.E., Doermann, D.S. Structure-preserving document image compression 56755
Kia, T., Aljabri, A., Goddard, R., Munson, T., Kissel, G., Lin, H., Vaze, P. TOPEX/POSEIDON autonomous maneuver experiment (TAME) 49844
Kia, T., Hanover, G. On-orbit performance of TOPEX/POSIEDON star trackers 59886
Kiaer, C.L. *see* Anderson, C.W. 20687
Kiamilev, F., Rozier, R., Rieve, J. A compact, low-cost, high-performance test fixture for electrical test and control of smart pixel integrated circuits 33336
Kiamilev, F., Rozier, R., Rieve, J., Krishnamoorthy, A. Design of large-scale Photonic Page Buffer ICs 33327
Kiamilev, F. *see* Chan, K.K. 32996
Kiamilev, F.E., Lambirth, J.S., Rozier, R.G., Krishnamoorthy, A.V. Design of a 64-bit, 100 MIPS microprocessor core IC for hybrid CMOS-SEED technology 55356
Kiamilev, F.E. *see* Krishnamoorthy, A.V. 33185
Kiamilev, F.E. *see* Rozier, R.G. 33346
Kiamilev, F.E. *see* Rozier, R.G. 55354
Kian Thiam Soo *see* Swee Chuan Tjin 28100
Kian-Lee Tan *see* Jun Cai 57862
Kian-Lee Tan *see* Yu, J.X. 57936
Kiang, J.-F. Quasistatic analysis of microstrip lines on lossy inhomogeneous substrates 14670

Kiang, J.-F. Effects of a lossy inhomogeneous substrate on microstrip lines 31469
Kiang, J.-F. Axisymmetric modes in an inhomogeneous circular waveguide 34152
Kiang, R.K. Sensor data simulations using Monte-Carlo and neural network methods 8336
Kiang Jean-Fu *see* Jean-Fu Kiang
Kiang Meng-Hsiung *see* Meng-Hsiung Kiang
Kiartzis, S., Kehagias, A., Bakirtzis, A., Petridis, V. Short term load forecasting using a Bayesian combination method 50482
Kiasaleh, K., Tao He Performance of DQPSK communication systems impaired by mixer imbalance, timing error, and Rayleigh fading 6504
Kiasaleh, K. *see* Che-Hsi Lai 24752
Kiasaleh, K. *see* Dabak, A. 6625
Kiasaleh, K. *see* Tao He 4439
Kiat Choon Teo *see* Teo Kiat Choon
Kiat Yeo Chai *see* Chai Kiat Yeo
Kibalo, T., Miles, B. A 400 Mbps high density digital recording system 7207
Kibarian, J.K. *see* Hanson, D.A. 2775
Kibayashi, Y. *see* Fukuda, K. 31903
Kibayashi, Y. *see* Yamanashi, M. 39232
Kibbel, H. *see* Bufler, F.M. 11696
Kibbel, H. *see* Olajos, J. 2165
Kibble, B.P. *see* Hartland, A. 27826
Kibble, B.P. *see* Robinson, L.A. 17191
Kibedi, T., Weisser, D.C., Lobanov, N., Turkentine, R.B., Muirhead, A.G., Anderson, D.J. The ANU linac cryogenic system 49148
Kibel, M.H., Leech, P.W. X-ray photoelectron spectroscopy study of optical waveguide glasses 3314
Kibi, Y., Saito, T., Kurata, M., Tabuchi, J., Ochi, A. Fabrication of high-power electric double-layer capacitors 11767
Kibi, Y. *see* Katsu, K. 21986
Kibi, Y. *see* Katsu, K. 31541
Kibune, M. *see* Yaguchi, H. 40455
Kichaev, A.V. *see* Kasherininov, P.G. 17366
Kichenassamy, S. *see* Yezzi, A., Jr. 49547
Kichimi, H. *see* Inoue, Y. 49326
Kichul Hong *see* Namho Hur 50974
Kichul Lee *see* Hyuntae Kim 58992
Kiciak, P. Conditions for geometric continuity between polynomial and rational surface patches 566
Kicin, S. *see* Srnanek, R. 12339
Kickul Hong, Kwanghee Nam A disturbance torque compensation scheme considering the speed measurement delay [in PM synchronous motors] 29270
Kiczuk, B. *see* Roark, C. 8245
Kiczuk, B. *see* Roark, C. 37955
Kida, H. *see* Sakano, H. 15550
Kida, M. *see* Kimura, R. 14110
Kida, T. *see* Tsuchida, M. 58040
Kida, Y. *see* Fujimoto, M. 29575
Kidachi, Y. *see* Masuda, Y. 23181
Kidd, D. *see* Dean, J.S. 38193
Kidd, P., Dunstan, D.J., Colson, H.G., Lourenco, M.A., Sacedon, A., Gonzalez-Sanz, F., Gonzalez, L., Gonzalez, Y., Garcia, R., Gonzalez, D., Pacheco, F.J., Goodhew, P.J. Comparison of the crystalline quality of step-graded and continuously graded InGaAs buffer layers 30786
Kidd, P. *see* Dhooper, J. 58334
Kidd, P. *see* Edirisinghe, S.P. 10716
Kidd, P. *see* Wilkinson, V.A. 12876
Kidd, P.B. Interconnect in practice: physical arrangements 57737
Kidd, S.R., Hand, D.P., Carolan, T.A., Barton, J.S., Jones, J.D.C. Measurement of aspects of surface form using an optical differential height measurement technique 17773
Kidder, J.N., Jr., Kuo, J.S., Pearsall, T.P., Rogers, J.W., Jr. AlN films deposited by LP-MOCVD atomic layer deposition at lower temperatures using DMEAA and ammonia 21279
Kidman, R.B. *see* Russell, G.J. 18062
Kido, C. *see* Matsubara, T. 59401
Kido, G., Takehana, K., Uji, S., Terashima, T., Nimori, S., Ikeda, S., Kitazawa, H., Oshikiri, M., Aoki, H. High-field studies at the Tsukuba magnet laboratories 3300
Kido, H. *see* Kumagai, Y. 39391
Kido, J. Organic electroluminescent device: current status and future prospect 3621
Kido, N. *see* Nozu, M. 39829
Kido, T. *see* Takemoto, Y. 18339
Kidoguchi, I., Adachi, H., Kamiyama, S., Fukuhisa, T., Mannoh, M., Takamori, A. Low-noise 650-nm-band AlGaInP visible laser diodes with a highly doped saturable absorbing layer 55683
Kidoguchi, I. *see* Fukuhisa, T. 44516
Kidokoro, T. *see* Sawaki, N. 12491
Kidong Nam *see* Hoon Choi 46895
Kidwell, E.A. *see* Meyer, M.J. 47740
Kidwell, J.J., Berthold, J.W. Extrinsic Fabry-Perot ultrasonic detector 36618
Kie Bong Nahm, Shin, B.S., Bum Ku Rhee Measurement of the refractive index of an optical medium by using a white-light interferometer 27955
Kie Hyung Chung *see* Sung Oh Cho 7718
Kiefer, G. *see* Wunderlich, H.-J. 11356
Kiefer, M.W. *see* Lawler-Covell, M.R. 18838
Kieffer, J. *see* Tong Shi 4496
Kieffer, J.P. *see* Ayadi, K. 39742
Kiehnscherf, R. *see* Nguyen, N.T. 36470
Kiekel, P.D. *see* Reed, K.W. 49076
Kiel, E., Schumacher, W. VeCon: high-performance digital control of AC drives by one-chip servo controller 61121
Kiel, E. *see* Forster, M. 61214
Kiel, T. *see* Schober, V. 41040
Kielbasa, R. *see* Benabes, P. 31339
Kielbasa, R. *see* Benabes, Ph. 9892
Kielbasinski, A. *see* Guzinski, A. 1571
Kielbasinski, A. *see* Guzinski, A. 1628
Kielpinski, D. *see* Crewe, A.V. 12127
Kiely, A.B., Dolinar, S.J., Jr., McEliece, R.J., Ekroot, L.L., Wei Lin Trellis decoding complexity of linear block codes 24684
Kiely, A.B. *see* Coffey, J.T. 24625
Kiely, C.J. *see* Mullan, C.A. 30723
Kiely, M.J. *see* Yi Wang 7986
Kiely, P. *see* Jiang, W. 24012
Kiely, P. *see* Schwartz, D.B. 23710
Kiely, R. *see* Lee, E. 49975
Kien, D.P. *see* Loulergue, J.C. 17850
Kieninger, T. *see* Hinkelmann, K. 6174
Kienle, P. *see* Schicker, R. 18140
Kientz, H. *see* Gela, G. 50616
Kientz, H.J., Fox, H.J., Jr., Mitchell, J.D., Jr., Gela, G., Lyons, P. Portable protective gaps are used for live-line work 28955
Kientzle, T. Understanding CRCs 45532
Kienzle, M. *see* Rogalla, M. 32358
Kienzle, M.G. *see* Chlamtac, I. 6205
Kienzle, M.G. *see* Ramanathan, A. 28384
Kierkegaard, P. Estimating circular shape using binocular stereopsis and two-source active illumination 15723
Kierkus, W. *see* Byczynski, G.E. 10932
Kiernan, L.A. *see* Hannan, J.M. 38310
Kieronska, D. *see* Shearer, K. 46458
Kierstead, J. *see* Freeman, G. 22914
Kies, M. *see* Burghartz, J.N. 21947
Kies, P. CNN implementation of seed growth algorithm for fuzzy segmentation of images 35094
Kiesel, A., Duparre, A., Haase, M., Coriand, F., Truckenbrodt, H. Surface finish assessment of synthetic quartz glass 7570
Kiesel, P., Schmiedel, G., Greger, E., Gulden, K.H., Moser, M., Dohler, G.H. Polarization dependence of the electroabsorption in ordered GaInP 12514
Kiesel, P. *see* Keil, U.D. 22482
Kiesel, P. *see* Knupfer, B. 23707
Kiesewetter, T. *see* Matthaus, A. 54128
Kieslinger, D., Weigl, B.H., Draxler, S., Lippitsch, M.E. Capillary waveguide optrodes for medical applications 58861
Kiessling, A. *see* Blumel, D. 9667
Kiessling, A. *see* Shamonina, E. 33611
Kiessling, B., Wach, J. Freight train locomotive class 152 of Deutsche Bahn 9664
Kiessling, F. Shaping of masts for overhead lines form the point of view of the outswings of insulator strings in the wind 28926
Kiessling, J., Bachmann, J., Margolf-Hackl, S. Computer-aided self-assessment of hearing disability and handicap using the Gothenburg profile and the Oldenburg inventory 18179
Kietzmann, H. *see* Seifert, F.M. 27035
Kietzmann, H. *see* Zherdev, P.A. 27045
Kiez, S. *see* Koltchanov, I. 3861
Kiezun, A. *see* Walczak, A. 48965
Kiff, A., Warwick, K. Distributed fuzzy logic for building management systems using local operating networks 29881
Kiflawi, I., Sittas, G., Kanda, H., Fisher, D. The irradiation and annealing of Si-doped diamond single crystals 42364
Kifuku, T., Okuma, M., Wada, S., Kimata, M., Sakabe, S., Daikoku, A. Electric power-steering system 9702
Kigami, Y. *see* Ota, T. 7910
Kiger, S. *see* Riley, K. 8126
Kiger, W.S., III, Harling, O.K. Neutronic design studies for the MIT fission converter beam 8116
Kiger, W.S., III, Solares, G.R., Yam, C.-S., Riley, K.J., Harling, O.K., Zamenhof, R.G. Boron-10 quantification and microdosimetric studies in a clinical trial of BNCT 8122
Kiger, W.S., III, Zamenhof, R.G., Solares, G.R., Redmond, E.L., II, Yam, C.-S. MacNCTPlan: an improved Macintosh-based BNCT treatment planning program 8127
Kiger, W.S., III *see* Harling, O.K. 8123
Kiger, W.S., III *see* Sakamoto, S. 8117
Kight, E.J. *see* McKinley, M.C. 36874
Kiguchi, M. *see* Kato, M. 44681
Kiguchi, S. *see* Otani, S. 9704
Kiguchi, T., Uematsu, A., Kitano, M., Ogura, H. Grating external cavity diode lasers with broad tunable range and narrow spectral linewidth for high-resolution spectroscopy 14168
Kihara, M., Imaoka, A. System configuration for standardizing SDH-based time and frequency transfer 35426
Kihara, M. *see* Hisadome, K. 27252
Kihara, M. *see* Imaoka, A. 35422
Kihara, M. *see* Takaya, M. 33023
Kihara, M. *see* Takaya, M. 44004
Kihara, N. *see* Kikuchi, Y. 32292
Kihara, N. *see* Nakasugi, T. 32316
Kihara, S. *see* Nonaka, I. 19542
Kihara, S. *see* Yoshizawa, H. 19543
Kihara, T. *see* Dewa, H. 37141
Kihara, T. *see* Tanaka, Y. 49462
Kihl, H. *see* Buessler, J.L. 58832
Kihl, M., Nyberg, C. Transient and stationary investigations of overload control in intelligent networks 47307
Kihl, M., Rumsewicz, M. Flow model analysis of an intelligent peripheral overload control strategy 26327
Kihm, K.D., Okamoto, K., Tsuru, D., Ko, H.S. Adoption of a genetic algorithm (GA) for tomographic reconstruction of line-of-sight optical images 27976
Kihm, K.D. *see* Lee, S.D. 7675
Kihong Park, Gitae Kim, Crovella, M. On the relationship between file sizes, transport protocols, and self-similar network traffic 57910
Kihyun Yoon, Ju Hyun Yoo, Woo Sup Kim, Eung Soo Kim Piezoelectric properties of $(Pb,Ca)(Ti,Co,W)O_3$/epoxy composites 54934
Kiiko, V.V. *see* Apollonov, V.V. 14046
Kiinzi, K.F. *see* Hartmann, G.K. 8419
Kijae Huh *see* Jeonghwan Son 2686
Kijima, R., Ojika, T. Transition between virtual environment and workstation environment with projective head mounted display 48779
Kijima, S. *see* Chuang, S.L. 33293
Kijima, T., Makihara, A., Asa, H., Ezell, E.F. Trace moisture measurement in semiconductor gases [using cryogenic optical super dew point technique] 36983
Kijima, T., Metsunaga, H. Low temperature growth of $Bi_4Ti_3O_{12}$ thin films by MOCVD and their electrical properties 52805
Kijima, Y. *see* Tajima, T. 17982
Kikawa, H. *see* Okino, Y. 43917
Kikawa, T. *see* Sagawa, M. 14108
Kikawa, T. *see* Sagawa, M. 55669
Kikdal, P.S. *see* Novikova, I. 31457
Kikineshy, A., Bathory-Tarczy, Z., Rosola, I., Sharkany, J. Materials and devices for fibre optic sensors 36599
Kikinis, R. *see* Hata, N. 18387
Kikkarin, S.M., Mukashev, B.N., Tamendarov, M.F., Tokmoldin, S.Zh. Spectra of polycrystalline and single-crystal silicon for solar cells measured by deep-level transient spectroscopy 54028
Kikkawa, H. *see* Maeda, K. 33186
Kikkawa, T., Matsuda, T., Ohno, T., Sudo, H. Development of embedded card-type processor RICE25PC and its packaging technology 11497
Kikkawa, T. *see* Fujii, K. 42669
Kikkawa, T. *see* Mikagi, K. 42667
Kikkawa, T. *see* Ohto, K. 42666
Kikkawa, T. *see* Taguwa, T. 41156
Kikkert, C.J. *see* Twelves, S. 36353
Kikuchi, A. *see* Nomura, I. 33577
Kikuchi, A. *see* Yoshizawa, M. 52689
Kikuchi, H. *see* Kubota, S. 2475
Kikuchi, H. *see* Nakashizuka, M. 25294
Kikuchi, H. *see* Okonogi, K. 12802
Kikuchi, I. *see* Kubota, T. 39439
Kikuchi, J. *see* Doke, T. 28019
Kikuchi, J. *see* Satoh, M. 31796
Kikuchi, K. *see* Kitahara, F. 57855
Kikuchi, K. *see* Maeda, J. 55841
Kikuchi, K. *see* Takagi, H. 32108
Kikuchi, K. *see* Takushima, Y. 3717
Kikuchi, M. Status and future in therapeutical applications of laser 37852
Kikuchi, M. *see* Suzuki, H. 4936
Kikuchi, N., Sasaki, S. Fiber non-linearity in dispersion-compensated conventional fiber transmission 16826
Kikuchi, N., Sekine, K., Sasaki, S. Analysis of cross-phase modulation (XPM) effect on WDM transmission performance 56253
Kikuchi, N., Yun Liu, Ohtsubo, J. Chaos control and noise suppression in external-cavity semiconductor lasers 14184
Kikuchi, S., Hashimoto, Y., Ebizuka, R. Some considerations on the reduction of a noise in a LIM 9271
Kikuchi, S. *see* Mehta, J.R. 41137
Kikuchi, S. *see* Murakami, J. 8843
Kikuchi, S. *see* Saeki, T. 1385
Kikuchi, S. *see* Sato, F. 9641
Kikuchi, T., Motoyashiki, Y., Hino, Y., Mori, I., Ide, N., Yokota, S. The higher quality control at No.1 hot strip mill in Fukuyama Works 20969
Kikuchi, T., Yamada, M. Evaluation and analysis of simultaneous switching noise 12049
Kikuchi, T., Yoshimi, M., Hikosaka, T., Matsumoto, T. Analysis of one-line ground fault surge on simulated overhead distribution line 60367
Kikuchi, T. *see* Hara, K. 37400
Kikuchi, T. *see* Ichiki, T. 54525
Kikuchi, T. *see* Nojiri, K. 60231
Kikuchi, Y., Kihara, N., Sugihara, S., Saitoh, S., Kondo, K., Nomura, H., Ozaki, T. Replication of near 0.1 μm hole patterns by using X-ray lithography 32292
Kikuchi, Y., Murooka, I., Sugihara, S., Mitsui, S., Nomura, H., Kondo, K., Shino, T., Kawaguchiya, H., Sunouchi, K., Deguchi, K., Miyoshi, K., Fukuda, M. Evaluation of replicated dynamic random access memory cell patterns using X-ray lithography 31256
Kikuchi, Y., Nakamura, F., Wakiwaka, H., Yamada, H., Yamamoto, J. Consideration of magnetization and detection on magnetic rotary encoder using finite element method 43723

Kikuchi, Y., Nakamura, F., Wakiwaka, H., Yamada, H., Yamamoto, Y. Consideration for a high resolution of magnetic rotary encoder 7244
Kikuchi, Y. *see* Murata, M. 26344
Kikuchi, Y. *see* Otake, T. 17041
Kikuchi, Y. *see* Sunouchi, K. 41169
Kikui, G. *see* Morimoto, T. 4618
Kikuiri, N. *see* Uchida, N. 32302
Kikuma, I. *see* Morisawa, Y. 54413
Kikuma, N. *see* Imoro, A.I. 24595
Kikuma, N. *see* Imoro, A.I. 45359
Kikuma, N. *see* Kanamori, M. 56127
Kikuma, N. *see* Mano, S. 26563
Kikuma, N. *see* Nishimori, K. 26528
Kikuma, T., Ishii, N., Itoh, K. A probe excitation for dielectric image line 31462
Kikuma, T., Ishii, N., Itoh, T. A probe excitation for dielectric image line 31461
Kikuno, T. *see* Kakuda, Y. 16087
Kikuno, T. *see* Nagano, S. 5846
Kikuno, T. *see* Nagano, S. 57658
Kikuno, T. *see* Nakamura, M. 46726
Kikuno, T. *see* Teratani, D. 57630
Kikushima, K., Kishimoto, C., Yoshinaga, H., Kumozaki, K., Mawatari, H., Shibata, N. 150-km non-repeated 60-channel AM-video transmission employing optical heterodyne AM/FM converter 26835
Kikushima, K. *see* Kumozaki, K. 16777
Kikuta, H. *see* Aramoto, M. 35791
Kikuta, K. *see* Fujii, K. 42669
Kikuta, K. *see* Hayashi, Y. 2443
Kikuta, K.y. *see* Tsukamoto, S. 1515
Kikuta, S. *see* Tanizawa, M. 12978
Kikutani, E. *see* Tobiyama, M. 49249
Kikutani, T., Aoki, N., Oki, A., Hong, C., Hori, H., Yamada, S. Fabrication of a split-gate quantum wire having a ferromagnetic dot 31984
Kikuzawa, M. *see* Hayakawa, Y. 30782
Kikuzumi, S. *see* Yamashita, K. 57779
Kil, D.H., Bongjoo Shin, F. A unified approach to hierarchical classification 27105
Kil, D.H., Shin, F.B. Feature-based multisensor fusion and performance quantification using sufficient statistics 48469
Kil, D.H. *see* Shin, F.B. 27100
Kil, D.H. *see* Shin, F.B. 48133
Kil, D.H. *see* Shin, F.B. 50270
Kil, D.H. *see* Shin, F.B. 50271
Kil, R.M. *see* Doh-Suk Kim 24830
Kil, R.M. *see* Doh-Suk Kim 24831
Kil Gyung-Suk *see* Gyung-Suk Kil
Kil Kim Young *see* Kim Young Kil
Kil Yu Byung *see* Byung Kil Yu
Kil-Houm Park *see* Sung-Ho Bae 57171
Kil-Sung Han, Changsuk Oh Performance improvement of usage parameter control for MMPP traffic sources in ATM networks 57904
Kilany, M. *see* Naguib, K. 37527
Kilbride, I.P. Preparation and properties of small diameter tubular solid oxide fuel cells for rapid start-up 19999
Kil'chitskaya, V.I. *see* Barchuk, I.P. 32085
Kilchitskaya, V.I. *see* Barchuk, I.P. 43259
Kilchitskaya, V.I. *see* Nazarov, A.N. 42306
Kilcoyne, S.P. *see* Zavada, J.M. 33578
Kildal, P.-S., Kishk, A., Sipus, Z. Asymptotic boundary conditions for strip-loaded and corrugated surfaces 34180
Kildal, P.-S., Kishk, A.A., Tengs, A. Reduction of forward scattering from cylindrical objects using hard surfaces 4219
Kildal, P.-S., Lauria, E. Analysis of a broadband choke horn and a dipole-disk with ring as feeds for the Arecibo tri-reflector system 36297
Kildal, P.-S. *see* Flodin, J. 34343
Kildal, P.-S. *see* Kishk, A.A. 24436
Kildal, P.-S. *see* Kishk, A.A. 33985
Kildal, P.-S. *see* Kishk, A.A. 34025
Kildal, P.-S. *see* Rubinos-Lopez, J.O. 36299
Kildal, P.-S. *see* Salomonsson, D.J. 45404
Kildal, P.-S. *see* Sipus, Z. 14572
Kildal, P.-S. *see* Sipus, Z. 31467
Kildal, P.-S. *see* Sipus, Z. 33931
Kildal, P.-S. *see* Sundberg, R. 39474
Kildal, P.-S. *see* Zhinong Ying 4351
Kilders, E.Sanchis *see* Sanchis Kilders, E.
Kildishev, A.V. *see* Volokhov, S.A. 55958
Kildsig, F. The effect of the combined combustion of coal and straw on flue gas cleaning 9100
Kilduff, P.D.F. *see* Wang, X.B. 10012
Kilgore, K.L. *see* Scott, T.R.D. 18535
Kilgore, W., Petrick, A., Kremser, G., Schultz, R.D. Cheque card size direct sequence spread spectrum communications transceiver 6577
Kilian, J. *see* Beaver, D. 34570
Kilias, T. *see* Falk, T. 43353
Kilias, T. *see* Kelber, K. 4499
Kilin, S.Ya. *see* Apanasevich, P.A. 14397
Kiliulis, R. *see* Bourgoin, J.C. 37987
Kilkis, I.B. Low enthalpy geothermal district heating system in Nevsehir, Turkiye 29127
Kilkki, K. Traffic management tools for ATM networks with real-time and non-real-time services 35586
Killander, A., Bass, J.C. A stove-top generator for cold areas 39250
Killedar, V.V., Lokhande, C.D., Bhosale, C.H. Preparation and characterization of Bi_2S_3 thin films spray deposited from non-aqueous media 31901
Killedar, V.V., Lokhande, C.D., Bhosale, C.H. Preparation and characterization of spray deposited Sb_2S_3 thin films from non-aqueous medium 40499
Killey, R.I., Whitehead, M., Parry, G., Button, C.C. Increased bit rate in a soliton system with quantum-well Fabry-Perot phase modulators 16758
Killian, L. *see* Kalitzova, M. 32129
Killingback, A.L.T. *see* Meeson, S. 18444
Killingback, A.L.T. *see* Meeson, S. 18450
Killius, K.-J. *see* Kristjansson, S. 44500
Kilnam Oh *see* Jinsuk Kim 41586
Kilner, J.A. *see* Waller, D. 29613
Kilner, P.J. *see* Guang-Zhong Yang 7965
Kilpatrick, D. *see* Johnston, P.R. 49658
Kilpatrick, D. *see* Li, D. 49702
Kilper, R. *see* Teichert, St. 895
Kilvik, K. Switching in telecommunications 16034
Kim, A. Integrated test solution emulates real-world environment 47681
Kim, A. Single instrument integrates BER and E_b/N_0 measurements 48752
Kim, A.I.S. *see* Kratschmer, E. 24367
Kim, A.S. *see* Engelmann, H.J. 23387
Kim, B., Boes, J.L., Frey, K.A., Meyer, C.R. Mutual information for automated multimodal image warping 15995
Kim, B., Chung, Y., Kim, S.H. A study on the characteristics of a widely tunable sampled grating DBR laser diode integrated with an external modulator 3888
Kim, B., Perros, H.G., Nilsson, A.A. Throughput and resequencing delay analysis of a selective-repeat ARQ protocol for K-reliable multicast 25964
Kim, B., Perros, H.G., Nilsson, A.A. Performance analysis of a K-reliable multicast ARQ protocol 46749
Kim, B., Roberge, J., Stamos, T., Wolfer, J., Marcus, R.H., Soble, J.S. Computing stroke volume from digital 2-D color flow echocardiographic cineloops of the left ventricular outflow tract 37688
Kim, B., Swaminathan, M., Chatterjee, A., Schimmel, D. A novel test technique for MCM substrates 31655
Kim, B. *see* Lee, J. 1711
Kim, B. *see* Sasidhar, K. 53854
Kim, B.-G. *see* Jeung, K.S. 3834
Kim, B.-R. *see* Yoon, J.-S. 23010
Kim, B.-S. *see* Saito, T. 46750
Kim, B.-S. *see* Saito, T. 46753
Kim, B.C., Fujikawa, H., Tamaka, T. An integrated network management system: the design for AIN and B-ISDN 35639
Kim, B.C., Fujikawa, H., Tanaka, T. An integrated network management system for the AIN and B-ISDN 5952
Kim, B.C. *see* Chang, J.W. 47656
Kim, B.C. *see* Lee, D.J. 47655
Kim, B.D. *see* Kang, K.H. 6863
Kim, B.Ea *see* Ea Kim, B.
Kim, B.G. *see* Haverkort, B.R. 5728
Kim, B.G. *see* Sohn, J.M. 22630
Kim, B.H., Baldick, R. Coarse-grained distributed optimal power flow 60310
Kim, B.J., Song, J.S., Kim, J.T., Jo, J.H., Chang, S., Yuk, K.C. Analyses of moire fringes of matched radial-parallel gratings for measuring angular displacements 48871
Kim, B.K., Lee, J.H., Kim, H. A wide range air-fuel ratio sensor with a plate-type structure 27755
Kim, B.K. *see* Hsieh, K.T. 22007
Kim, B.K. *see* Hsieh, K.T. 24426
Kim, B.K. *see* Hsieh, K.T. 24427
Kim, B.K. *see* Lee, J.H. 27756
Kim, B.S. *see* Jang, S.M. 9275
Kim, B.T. *see* Im, D.H. 51016
Kim, B.W., Mao, E., Majerfeld, A. Analysis of optical properties of p-type GaAs/AlGaAs superlattices for multiwavelength normal incidence photodetectors 31978
Kim, B.W. *see* Seung Hwan Yi 48744
Kim, B.Y., Wristers, D., Kwong, D.L. Materials and processing issues in the development of N_2O/NO-based ultra thin oxynitride gate dielectrics for CMOS ULSI applications 54799
Kim, B.Y. *see* Kim, H.S. 36592
Kim, B.Y. *see* Kim, S.K. 36593
Kim, B.Y. *see* Lee, B.W. 36594
Kim, C. *see* Bonushkin, Y. 31719
Kim, C. *see* Jeong, Y. 34106
Kim, C. *see* Kang, S.H. 42779
Kim, C. *see* Myoung, J.M. 2004
Kim, C. *see* Park, J. 16048
Kim, C. *see* Sung, M.M. 12238
Kim, C. *see* Xin, S.H. 10810
Kim, C.-H. *see* Kim, J.-S. 12496
Kim, C.-H. *see* Lee, K.-C. 1396
Kim, C.-K. *see* Woo, H. 47360
Kim, C.-S., Kim, K.-S., Jeong, H., Yu, Y.-J. Analysis and design of sensing amplifiers for CCD image sensors 7423
Kim, C.-U., Morris, J.W., Jr., Genin, F.Y., Fluss, M.J. Influence of solute additions on electromigration in aluminum 54503
Kim, C.-W. *see* Hayama, N. 58143
Kim, C.E., Park, Y.I., Lee, H.W. Preparation of $PbTiO_3$ fibres using triethanolamine-complexed alkoxide 23171
Kim, C.G., Cho, B.H. Transcutaneous energy transmission with double tuned duty cycle control 19867
Kim, C.G. *see* Hong, C.S. 17426
Kim, C.H. Modeling of the ALS linac 49187
Kim, C.J. Discrimination of arcing faults from normal distribution disturbances by waveform distortion analysis 38329
Kim, C.K., O'Handley, R.C. Development of a magnetoelastic resonant sensor using iron-rich, nonzero magnetostrictive amorphous alloys 7297
Kim, C.K., O'Handley, R.C. Development of a pinned wall sensor using cobalt-rich, near-zero magnetostrictive amorphous alloys 58674
Kim, C.M. *see* Chung, M.S. 3432
Kim, C.S. Ku-band circular/linear polarized feed system design 34481
Kim, C.S., Noh, D.S., Jeong, J.S., Kim, S.J., Bae, J.K. A new angular multiplexing method for image storage in $BaTiO_3$ 3348
Kim, C.S. *see* Ahn, K.S. 51295
Kim, C.S. *see* Chang, G.S. 7073
Kim, C.S. *see* Jae-Young Leem 689
Kim, C.S. *see* Kim, T.H. 2679
Kim, C.S. *see* Kim, T.H. 21700
Kim, C.S. *see* Lee, S. 31498
Kim, C.W., Kim, S.N., Hwang, I.C., Kim, S.W. Wired-OR property and modified structure of recovered energy logic 1282
Kim, C.Y. *see* Gao, J. 33302
Kim, C.Y. *see* Jung, B.H. 47809
Kim, C.Y. *see* Lee, K.D. 12825
Kim, C.Y. *see* Park, B.H. 43483
Kim, D., Narasimha, M.J., Cox, D.C. Unbiased timing error estimation in the presence of non-ideal interpolation 4782
Kim, D. *see* Wee, K. 45142
Kim, D. *see* Youn, J. 54508
Kim, D.-K. *see* Kim, M.-B. 18258
Kim, D.-S. *see* Garbuzov, D. 12350
Kim, D.H., Kim, T.K., Park, W.S., Kim, Y.B. Magnetocrystalline anisotropy of $Sm_2Fe_{17}N_{2.8}$ 23334
Kim, D.H., Nam, B.-H., Lee, K.H., Chung, H.B., Yoo, H.J. Probe beam scan type auto-focus system using position sensing detector for sub-half micron lithography tools 2491
Kim, D.H. *see* Green, R.P.M. 14334
Kim, D.H. *see* Kim, Y.M. 697
Kim, D.H. *see* Lee, J.Y. 41167
Kim, D.H. *see* Udaiyan, D. 14373
Kim, D.H. *see* Udaiyan, D. 33684
Kim, D.I. Biorthogonal pulse position modulated direct-sequence CDMA for wireless local communications 47540
Kim, D.I. *see* Oh, S.H. 38467
Kim, D.J., Choi, J.D., Kim, J., Oh, H.K., Ahn, S.T., Kwon, O.H. Process integration for the high speed NAND flash memory cell 1362
Kim, D.J. *see* Choi, J.D. 1363
Kim, D.J. *see* Kwon, T.Y. 44728
Kim, D.K. Reverse bias voltage dependent pulse shape and transmission change through a semiconductor saturable absorber 4003
Kim, D.N. Multibeam-switched demand-assigned multiple access for on board the satellite with data buffer 47865
Kim, D.S., Lee, Y.H., Nae-Hak Park Deposition of thermally stable, low dielectric constant fluorocarbon/SiO_2 composite thin film 848
Kim, D.S. *see* Lange, M.J. 17465
Kim, D.S. *see* Lee, J.-W. 32859
Kim, D.S. *see* Lee, J.-W. 43682
Kim, D.T. *see* Kyung, C.M. 41259
Kim, D.W., Han, S.H., Hong, H.K., Kang, H.B., Choi, J.S. A variable step size LMS algorithm using normalized absolute estimation error 34717
Kim, D.W. *see* Noh, T.W. 21298
Kim, D.Y., Lee, T.S., Wang, X., Jiang, X.L., Li, L., Kumar, J., Tripathy, S.K. Photofabrication of surface relief gratings on azobenzene polymer films 55362
Kim, D.Y., Lee, Y.I., Kim, W.S. PBS process optimization for bow-wake phenomena 22676
Kim, D.Y. *see* Ohshima, Y. 18083
Kim, E. *see* Hong, S. 22642
Kim, E. *see* Whidden, T.K. 54388
Kim, E. *see* Wilbur, J.L. 54540
Kim, E.-S. *see* Lee, S.-H. 5453
Kim, E.D., Kim, S.C., Park, J.M., Grekhov, I.V., Argunova, T.S., Kostina, L.S., Kudryavtzeva, T.V. Structural quality of directly bonded silicon wafers with regularly grooved interfaces 41852
Kim, E.D. *see* Argunova, T.S. 12792
Kim, E.D. *see* Grekhov, I.V. 2295
Kim, E.D. *see* Grekhov, I.V. 22324
Kim, E.J., England, A.W. Passive microwave freeze/thaw classification for wet tundra regions 8512
Kim, E.K., Son, M.H., Min, S.-K., Han, Y.K., Yom, S.S. Growth of highly oriented TiO_2 thin films on InP(100) substrates by metalorganic chemical vapor deposition 52792
Kim, E.K. *see* Kim, S.-I. 52650
Kim, E.M., Schubert, T.F., Jr. A comparison of experimental results to those in "evaluation of bipolar junction transistor transconductance in practical applications" 32370
Kim, E.S., Byun, Y.B., Kye, M.H., Joe, K.Y., Koo, H.H., Kim, Y.H., Yoon, B.D. A leading current

compensation control in three phase PWM AC/DC converter 51301
Kim, E.T. *see* Hahn, S.R. 30774
Kim, E.T. *see* Lee, J.S. 26511
Kim, G., Govindaraju, V., Srihari, S.N. A segmentation and recognition strategy for handwritten phrases 15558
Kim, G., Govindaraju, V., Srihari, S.N. Handwritten word recognition using dynamic matching with variable duration 25757
Kim, G. *see* Byun, D. 31843
Kim, G.-H. *see* Lee, J.-G. 42260
Kim, G.-J. *see* Kang, K.H. 6863
Kim, G.-R. *see* Uchida, K. 24451
Kim, G.D. *see* Park, S.T. 49313
Kim, G.H. *see* Hahn, S.R. 30774
Kim, G.N. *see* Krska, J.-H.Y. 22462
Kim, G.R., Han, K.K., Matsunaga, T., Uchida, K., Yasumoto, K. A study on the transmission efficiency of electromagnetic wave propagation in tunnels with bend and fold 56039
Kim, H., Glass, G., Park, S.Y., Spila, T., Taylor, N., Abelson, J.R., Greene, J.E. Effects of B doping on hydrogen desorption from Si(001) during gas-source molecular-beam epitaxy from Si_2H_6 and B_2H_6 10750
Kim, H., Hayashi, Y., Nara, K. An algorithm for thermal unit maintenance scheduling through combined use of GA, SA and TS 50755
Kim, H., Ishida, M., Nakamura, T. A novel etching method of single crystalline Al_2O_3 film on Si and sapphire using Si ion implantation 12777
Kim, H., Lee, K., Lee, S., Park, M. Obstacle avoidance navigation using a local path planning method 38134
Kim, H., Li, C.C. A fast reversible wavelet image compressor 25613
Kim, H., Reif, R. In-situ low-temperature (600°C) wafer surface cleaning by electron cyclotron resonance hydrogen plasma for silicon homoepitaxial growth 31792
Kim, H. *see* Hayashi, Y. 60322
Kim, H. *see* Hebert, D.J. 25602
Kim, H. *see* Jang, J.H. 36133
Kim, H. *see* Kim, B.K. 27755
Kim, H. *see* Kwak, J.S. 42262
Kim, H. *see* Kwak, J.S. 42285
Kim, H. *see* Lee, J.H. 27756
Kim, H. *see* Yoo, J. 13481
Kim, H.-B. *see* Ahn, C.-N. 2488
Kim, H.-E. *see* Ahn, C.-N. 2488
Kim, H.-J., Kye, J.-W., Lee, D.-Y., Woo, S.-G., Kang, H.-Y., Koh, Y.-B. Fabrication of dense contact patterns using halftone phase-shifting mask with off-axis illumination 22639
Kim, H.-K. Efficient automatic text location method and content-based indexing and structuring of video database 46459
Kim, H.-S. *see* Kim, K. 41133
Kim, H.-S. *see* Lee, S.G. 2517
Kim, H.-Y. *see* Lee, I.-W. 47704
Kim, H.-Y. *see* Lee, M.H. 4062
Kim, H.A. *see* Moon, H.S. 3931
Kim, H.B. *see* Adams, D.M. 36140
Kim, H.B. *see* Roh, Y.R. 13381
Kim, H.C., Park, H.W. Signal adaptive postprocessing for blocking effects reduction in JPEG image 57092
Kim, H.C. *see* Nair, V.S.S. 24898
Kim, H.G. *see* Chang, S.H. 60499
Kim, H.G. *see* Komatsu, T. 23434
Kim, H.H. *see* Jung, B.H. 47809
Kim, H.H. *see* Mizuno, A. 38107
Kim, H.J., Im, J.S. Optimization and transformation analysis of grain-boundary-location-controlled Si films 10902
Kim, H.J. *see* Ahn, K.S. 51295
Kim, H.J. *see* Bahng, W. 40375
Kim, H.J. *see* Hwang, H.Y. 37289
Kim, H.J. *see* Segovia, P. 22623
Kim, H.J. *see* Zhang Huaiwu 13449
Kim, H.K. *see* Han, M.S. 42369
Kim, H.K. *see* Hou, Y.B. 32113
Kim, H.K. *see* Kim, S.-H. 41873
Kim, H.K. *see* Kwon, T.Y. 44728
Kim, H.K. *see* Lee, T.S. 32196
Kim, H.K. *see* Liu, C.Y. 22608
Kim, H.K. *see* Park, S.Y. 3718
Kim, H.M., VanHoru, D.A., West, T.S. Dynamic loads analysis of photovoltaic arrays for the space station 37970
Kim, H.O., Moon, S.Y. Degree reduction of Bezier curves by L^1-approximation with endpoint interpolation 40173
Kim, H.S., Choi, J.H. Filter design of magnet power supply system using CS PWM converter 51363
Kim, H.S., Kim, B.Y. New gyroscope concept using fiber laser interferometer 36592
Kim, H.S., Kwon, Y.S., Hong, S. Square ring laser diode with MMI coupler cavity 55753
Kim, H.S., Lee, J.C., Park, K.T. Motion estimation method using multiple linear regression model 56869
Kim, H.S., Shin, B.-C. Design of two multichannel DQDB protocols for single-hop WDM networks 26142
Kim, H.S., Shin, B.-C. Performance evaluation of multipriority reservation protocols for single-hop WDM networks 57650
Kim, H.S., Williams, C.K., Reisman, A. Charge centroid and origin of generated and intrinsic bulk defects at 293 and 100 K in insulated gate field effect transistors 32394
Kim, H.S., Yu, M.L., Thomson, M.G.R., Kratschmer, E., Chang, T.H.P. Energy distributions of Zr/O/W Schottky electron emission 31683
Kim, H.S. *see* Campbell, S.A. 2694
Kim, H.S. *see* Chang, T.H.P. 22673
Kim, H.S. *see* Chang, T.H.P. 54555
Kim, H.S. *see* Choi, J.D. 1363
Kim, H.S. *see* Collier, B.R. 5741
Kim, H.S. *see* Jeong, D.Y. 3270
Kim, H.S. *see* LaBel, K.A. 21696
Kim, H.S. *see* LaBel, K.A. 43327
Kim, H.S. *see* Lee, C.W. 42470
Kim, H.Y. Quick construction of efficient morphological operators by computational learning 35280
Kim, I., Murella, K., Schlueter, J., Nikkel, E., Traut, J., Castleman, G. Optimized process developed for tungsten CMP 12790
Kim, I.-J. *see* Maeda, S. 41066
Kim, I.C. *see* Sim, D.-G. 59864
Kim, I.C. *see* Sim, S.P. 41168
Kim, I.J., Joachim, H.-O., Iwamatsu, T., Yamaguchi, Y., Inoue, Y., Eikyu, K., Ishikawa, K., Ueda, K., Morinaka, H., Mashiko, K., Miyoshi, H. Transient effects of SOI transistors in circuit operation 43261
Kim, I.J. *see* Ueda, K. 21568
Kim, I.J. *see* Yamaguchi, Y. 22821
Kim, I.S., Grini, R.-E., Nilsen, S. Implementation of MOAS II diagnosis system at the OECD Halden Reactor Project 38518
Kim, I.S. *see* Na, N.J. 29004
Kim, J. Silizium-MSM-Photodetektor mit integriertem Wellenleiter -Herstellung und elektrooptische Charakterisierung (Silicon MSM photodetector with integrated wave guide - synthesis and electro-optical characterisation) 7339
Kim, J., Joo-Sang Lee, Du, D.H.C. Derivation of signal flow directions and synchronizers for switch-level timing analysis 11050
Kim, J., Park, M.Y., Song, Y.H., Baek, J.T. High performance antifuse with planar double dielectrics on $Si_{1-x}Ge_x$ pad for field programmable gate array applications 12597
Kim, J., Riza, N.A. Fiber array optical coupling design issues for photonic beamformers 14737
Kim, J., Woods, J.W. A new interpretation of ROMKF 46258
Kim, J., Yaun-Chung Hsu, Du, D.H.C. A new gate selection method for resizing to circuit performance optimization 1313
Kim, J. *see* Choi, J.D. 1363
Kim, J. *see* Datta, A. 57863
Kim, J. *see* DeLyser, R.R. 20551
Kim, J. *see* Donnelly, K.S. 11610
Kim, J. *see* Gokhale, M. 41005
Kim, J. *see* Kim, D.J. 1362
Kim, J. *see* Kostrzewski, A. 44311
Kim, J. *see* Lee, H. 15641
Kim, J. *see* Schubert, J. 32943
Kim, J. *see* Umstadter, D. 17885
Kim, J.-B., Jhon, C.-S. A new MUX-based FPGA logic synthesis approach based on technology-dependent multi-level logic optimization 21642
Kim, J.-C. *see* Ro, T.-S. 25998
Kim, J.-H., Lim, D.H., Kim, K.S., Yang, G.M., Lim, K.Y., Lee, H.J. Lateral wet oxidation of $Al_xGa_{1-x}As$-GaAs depending on its structures 12705
Kim, J.-H., Neyer, A. Design and simulation of polymeric waveguide devices fabricated by replication technologies 6711
Kim, J.-H. *see* Lee, J.-G. 42260
Kim, J.-K. *see* Kim, K.-J. 46268
Kim, J.-M. *see* Chung, K.-W. 41426
Kim, J.-S., Song, J.-H., Suh, S.-H., Chung, S.-J. Enhancement of magnesium incorporation in nitrogen doped ZnMgSSe grown by molecular beam epitaxy 10820
Kim, J.-S., Suh, S.-H., Kim, C.-H., Chung, S.-J. Defect reduction in ZnMgSSe epilayers on GaAs by using ZnMgSe/ZnSSe strained-layer superlattices 12496
Kim, J.-W. *see* Oh, J.-H. 47458
Kim, J.B. *see* Lee, H.S. 27213
Kim, J.B. *see* Lee, S.Y. 25005
Kim, J.B. *see* Moon, H.S. 3931
Kim, J.B. *see* Thieme, C.L.H. 55107
Kim, J.C. *see* Kang, K.H. 6863
Kim, J.D., Kim, S.J., Koh, J.-S. An analysis and implementation of precise synchronization mechanism for MPEG-2 media objects 58002
Kim, J.D., Koo, J.G., Nam, K.S. Two-dimensional modelling for the current density distribution in a heavily doped semiconductor resistor 32347
Kim, J.D., Wu, D., Wojkowski, J., Park, S.J., Choi, Y.H., Xu, J., Piotrowski, J., Razeghi, M. Long-wavelength (8-14 μm) InAsSb-based heterostructure infrared photodetectors 48669
Kim, J.D. *see* Kim, M.R. 179
Kim, J.G. *see* Crow, B. 16307
Kim, J.G. *see* Lee, K.H. 46557
Kim, J.G. *see* Semendy, F. 10806
Kim, J.H., Bonebright, R.K., Harrang, J.P., Bocek, T., Chan, E.Y., Chi-Shain Hong Burst-mode bit-error-rate characterization of dual-rate MIL-STD-1773 transceiver 28700
Kim, J.H., Lee, J.Y. High-resolution transmission electron microscopy study of pulsed laser beam crystallized Si thin film: the formation of hexagonal Si and defects 54057
Kim, J.H., Moran, B.A., Leonard, J.J., Bellingham, J.G., Tuohy, S.T. Experiments in remote monitoring and control of autonomous underwater vehicles 50107
Kim, J.H., Yoon, S.H., Sohn, K.H. A robust boundary-based object recognition in occlusion environment by hybrid Hopfield neural networks 15855
Kim, J.H. *see* Bonebright, R.K. 49891
Kim, J.H. *see* Hong, C.-S. 16401
Kim, J.H. *see* Jackson, G.L. 49856
Kim, J.H. *see* Kim, S.D. 43146
Kim, J.H. *see* Ko, I.S. 37111
Kim, J.H. *see* LaBel, K.A. 49857
Kim, J.H. *see* Sim, S.P. 41168
Kim, J.H. *see* Yang, G. 32055
Kim, J.H. *see* Yun, C.M. 54617
Kim, J.I., Gompper, K., Closs, K.D., Kessler, G., Faude, D. German approaches to closing the nuclear fuel cycle and final disposal of HLW 38513
Kim, J.J. *see* Lee, C.W. 42470
Kim, J.J. *see* Park, K. 3894
Kim, J.K. *see* Lee, J.S. 26511
Kim, J.K. *see* Lee, Y.S. 4299
Kim, J.K. *see* Yun, J.H. 4285
Kim, J.M., Hong, J.P., Kim, J.W., Choi, J.H., Park, N.S., Kang, J.H., Jang, J.E., Ryu, Y.S., Yang, H.C., Gorfinkel, B.I., Roussina, E.V. Reliability analysis of 4 in. field-emission display 58930
Kim, J.M. *see* Cha, B.C. 22635
Kim, J.M. *see* Han, M.S. 42369
Kim, J.M. *see* Hou, Y.B. 32113
Kim, J.M. *see* Ko, I.S. 37111
Kim, J.M. *see* Ko, J.H. 45054
Kim, J.M. *see* Lee, T.S. 32196
Kim, J.M.S. *see* Deib, D.A. 19837
Kim, J.M.S. *see* Deib, D.A. 38841
Kim, J.N. *see* Kwon, T.Y. 44728
Kim, J.R., Hong, S.Y., Yoon, M.L., Cho, Y.S., Bae, K.S. Formation of silicided ultra-shallow junction employing layer reversal method 2455
Kim, J.R. *see* Komatsu, T. 23434
Kim, J.S., Henestroza, E., Houck, T.L., Eylon, S., Kulke, B., Westenskow, G.A., Yu, S.S. RF structure design for the TBNLC 37026
Kim, J.S., Lee, S.K., Choi, W.S., Park, G.H., Lee, J.U. The degradation properties in the corona charged epoxy composites by TSC measurement 19811
Kim, J.S., Seiler, D.G., Lancaster, R.A., Reine, M.B. Electrical characterization of very-narrow-gap bulk HgCdTe single crystals by variable magnetic field Hall measurements 1997
Kim, J.S. *see* Henestroza, E. 49183
Kim, J.S. *see* Kyung, C.M. 41259
Kim, J.S. *see* Lee, J.Y. 41167
Kim, J.S. *see* Westenskow, G.A. 49091
Kim, J.T. *see* Kim, B.J. 48871
Kim, J.W., Boon, B.S., Lee, W.M., Jang, S.J., Lim, M.S., Han, K.C. Real-time implementation of QCELP vocoder for speech and data in CDMA cellular system using TMS320C50 fixed point DSP chip 47462
Kim, J.W. *see* Ick Choy 51664
Kim, J.W. *see* Kang, C.S. 2905
Kim, J.W. *see* Kim, J.M. 58930
Kim, J.W. *see* Lee, S.H. 15798
Kim, J.W. *see* Noh, D.S. 13748
Kim, J.Y., Lee, J.H. Performance of matched filter acquisition scheme for a DS/SSMA packet radio system 6485
Kim, J.Y., Lee, J.H. Acquisition performance of a DS/CDMA system in a mobile satellite environment 36058
Kim, J.Y., Reucroft, P.J., Park, D.K. Nucleation and growth mechanisms of copper MOCVD film on Au/Si substrates 30907
Kim, J.Y. *see* Ryu, J.H. 47231
Kim, J.Y. *see* Suh, K.S. 32743
Kim, K., Karri, R., Potkonjak, M. Heterogeneous built-in resiliency of application specific programmable processors 11486
Kim, K., Karri, R., Potkonjak, M. Configurable spare processors: a new approach to system level fault-tolerance 31171
Kim, K., Kim, H.-S., Park, J.W. A highly manufacturable and high performance 16M DRAM using SOI 41133
Kim, K., Simpson, S., Hutchison, D., Scott, A. Transition to high-speed networks SuperJANET experience 47126
Kim, K. *see* Chung, W.-S. 2844
Kim, K. *see* King, T.L. 33900
Kim, K. *see* Kwon, O.K. 13703
Kim, K. *see* Luo, F. 30983
Kim, K. *see* Meyer, K.L. 7990
Kim, K. *see* Myoung, J.M. 2004
Kim, K. *see* Ree, M. 43542
Kim, K. *see* Tompkins, M.W. 33906
Kim, K., Matsumoto, T. *(editors)* Advances in Cryptology - ASIACRYPT'96 International Conference on the Theory and Applications of Cryptology and Information Security. Proceedings 77
Kim, K.-C. *see* Iwashige, J. 24496
Kim, K.-D. *see* Oh, J.-H. 47458

Kim, K.-H., Ronse, K., Goethals, A.M., Vandenberghe, G., Van den hove, L. CD control for 180-nm and 130-nm gate level lithography 2549
Kim, K.-H., Won, Y.-H., Chu, K.-U. A new optically transparent cell generator for optical TDM network 6862
Kim, K.-H. *see* Ronse, K. 2790
Kim, K.-J., Kwon, S.-K., Kim, J.-K. Improvements in the backward compatible video coding for MPEG-1 and MPEG-2 HP@ML 46268
Kim, K.-J. *see* Chao, A.W. 18048
Kim, K.-M. Growing improved silicon crystals for VLSI/ULSI applications 10617
Kim, K.-S. *see* Kim, C.-S. 7423
Kim, K.-Y. Sensitivity of a linear detection procedure to the accuracy of empirical orthogonal functions 18846
Kim, K.-Y. Temporal and spatial subsampling errors for global empirical orthogonal functions: application to surface temperature field 18847
Kim, K.-Y. *see* Lee, K.-C. 1396
Kim, K.B. *see* Ick Choy 51664
Kim, K.B. *see* Kwon, S.H. 29666
Kim, K.B. *see* Roh, Y.R. 13381
Kim, K.C. *see* Lee, Y.K. 14973
Kim, K.H. Sensor equipped robot control 7568
Kim, K.H., Bacellar, L., Subbaraman, C. Primary-shadow consistency issues in the DRB scheme and the recovery time bound 6193
Kim, K.H. *see* Heald, S.M. 37549
Kim, K.H. *see* Kwon, S.H. 29666
Kim, K.H. *see* Lee, H.J. 1355
Kim, K.H. *see* Lee, H.K. 16688
Kim, K.H. *see* Lee, J.H. 12743
Kim, K.H. *see* Roh, Y.R. 13381
Kim, K.H. *see* Yamamoto, T. 27537
Kim, K.J. *see* Oh, S.H. 38467
Kim, K.M. *see* Yoo, S.K. 49719
Kim, K.N. *see* Lee, J.Y. 41167
Kim, K.S., Driouch, L., Strom, V., Jonsson, B.J., Rao, K.V., Yu, S.C. Magnetic properties of glassy $Fe_{91-x}Zr_7B_2Ni_x$ (x=0, 5, 10, 15) alloys 3041
Kim, K.S., Lee, B.G. On GA-based optimal dimensioning of three-level traffic shaper for statistical multiplexing in ATM networks 46599
Kim, K.S., Poloujadoff, M., Bavard, J., Mfonkeu, G. Stability problems of asynchronous machines for railways purposes 51774
Kim, K.S. *see* Chang, T. 56298
Kim, K.S. *see* Hilder, D.A. 38362
Kim, K.S. *see* Kim, J.-H. 12705
Kim, K.T. The translation formula for vector multipole fields and the recurrence relations of the translation coefficients of scalar and vector multipole fields 4178
Kim, K.W., Doyle, E.J., Rhodes, T.L., Peebles, W.A., Rettig, C.L., Luhmann, N.C., Jr. Development of a fast solid-state high-resolution density profile reflectometer system on the DIII-D tokamak 36381
Kim, K.W. *see* Hulfachor, R.B. 54653
Kim, K.W. *see* Lee, B.C. 41910
Kim, K.W. *see* Mansour, N. 31850
Kim, K.W. *see* Williams, S.C. 2687
Kim, K.Y. *see* Lee, J.H. 34825
Kim, L.J. *see* Chang, B.I. 31832
Kim, M., Bruston, J., Smith, R.P., Martin, S.C., Siegel, P.H. A slot-antenna bridge-frequency-multiplier design suitable for submillimeter wavelengths 34300
Kim, M., Fisher, J., III, Principe, J.C. A new CFAR stencil for target detections in synthetic aperture radar (SAR) imagery 6905
Kim, M., Lubecke, V.M., Martin, S.C., Smith, R.P., Siegel, P.H. A planar parabola-feed frequency multiplier 31497
Kim, M., Osten, H.J., Wolff, A., Quick, C., Zeindl, H.P., Klatt, J., Knoll, D. The growth of nanometer Si/SiGe/Si quantum well wires with local molecular beam epitaxy in dependence on the shadow mask geometry 2191
Kim, M., Thieme, H.J., Lippert, G., Osten, H.J. Optical in situ measurements of temperature and layer thickness in Si molecular beam epitaxy 30788
Kim, M. *see* Lee, J. 1711
Kim, M.-B., Yeoun, B.-S., Cho, Y.-D., Song, M.-S., Lee, J.-S., Kim, D.-K. Medical image compression in teleradiology using low-bit rate communication networks 18258
Kim, M.-H. *see* Bose, B.K. 29779
Kim, M.-J., Berenyi, H.M., Tajbakhsh, S., Burge, R.E. Study of backscatter cross section from sea surfaces 48058
Kim, M.-J. *see* Tajbakhsh, S. 48108
Kim, M.-S. *see* Kim, S.-I. 52650
Kim, M.H. *see* Chui, H.C. 52786
Kim, M.H. *see* Chung, C.Y. 19522
Kim, M.J. *see* Adams, D. 54431
Kim, M.J. *see* Alford, T.L. 22613
Kim, M.J. *see* Smith, L.L. 12542
Kim, M.R., Choi, Y.K., Lee, G.B., Chung, I.Y., Kim, J.D. Thermal investigation of an infrared reflow furnace with a convection fan 179
Kim, M.S. *see* Corp, L.A. 8547
Kim, M.W. *see* Fan, Z. 12550
Kim, N.-J. *see* Lee, K.-C. 1396
Kim, N.H. *see* Cho, D.H. 43297
Kim, N.H. *see* Plant, D.V. 13894
Kim, N.H. *see* Yoo, S.K. 49719
Kim, N.P., Nielsen, J.A., Verzwyvelt, M.A. Lightweight $CuInSe_2$ space solar cells fabricated by chemical thinning 38019
Kim, N.P., Vemvyvelt, M.A., Thompson, M., Coates, K. Environmental testing of chemically thinned, lightweight $CuInSe_2$ solar cells 38007
Kim, N.S. *see* Turcu, I.C.E. 42883
Kim, P. *see* Kagan, H. 37508
Kim, P. *see* Shipsey, I. 59232
Kim, P. *see* Spencer, M.B. 59274
Kim, P.C. *see* Hopman, P.I. 37382
Kim, P.C. *see* Ward, C.W. 59224
Kim, P.D., Turpanov, I.A., Mal'tsev, V.K., Li, L.A., Isaeva, T.N., Beten'kova, A.Ya., Karpenko, M.M., Bykova, L.E., Poluyan, E.S., Jeong, Y.H. Curie temperature oscillations and critical phenomena in Co/Cu multilayer films 3182
Kim, P.S. *see* Chung, C.Y. 19522
Kim, R.-C. *see* Sim, D.-G. 59864
Kim, R.C. *see* Cho, S.H. 56640
Kim, R.Y., Meyer, J.T., Spencer, S.A., Meredith, R.F., Jennelle, R.L.S., Salter, M.M. Major geometric variations between intracavitary applications in carcinoma of the cervix: high dose rate vs. low dose rate 28412
Kim, S., Chalidabhongse, J., Jay Kuo, C.-C. A new stochastic block matching algorithm (SBMA) for video coding based on modified 3-step search 25427
Kim, S., Gopinath, A. Vectorial analysis of optical dielectric waveguide bends using finite-difference method 23550
Kim, S., Gwonjong Yoo, Jinsoo Song A bifunctional utility connected photovoltaic system with power factor correction and UPS facility 38661
Kim, S., Yoon, D., Han, Y. The outage probability analysis for a cellular mobile radio systems 6648
Kim, S. *see* Diaz, J. 21229
Kim, S. *see* Hara, K. 37400
Kim, S. *see* Hoff, J. 48522
Kim, S. *see* Kim, W.S. 36679
Kim, S. *see* Lane, B. 42059
Kim, S. *see* Myoung, J.M. 2004
Kim, S. *see* Park, B. 25879
Kim, S. *see* Shim, J.H. 30144
Kim, S.-B., Ro, J.-R., Park, S.-J., Lee, E.-H. Selective area epitaxy of GaAs and InGaAs by ultra-high vacuum chemical vapor deposition using triethylgallium, trimethylindium, arsine, and monoethylarsine 30814
Kim, S.-D. *see* Gark Choi, J. 5527
Kim, S.-D. *see* Lee, J.-B. 46264
Kim, S.-G. *see* Hong, S.-K. 30815
Kim, S.-G. *see* Lim, S.-C. 2462
Kim, S.-H., Moon, D.W., Kim, H.K. The behavior of fcc Cu nanocrystallites in Si(100) 41873
Kim, S.-H. *see* Lee, I.-W. 47704
Kim, S.-I., Kim, M.-S., Kim, Y., Hwang, S.-M., Min, B.-D., Son, C.S., Kim, E.K., Min, S.-K. Lateral growth rate control of GaAs on patterned substrates by CCl_4 and CBr_4 during MOCVD 52650
Kim, S.-I. *see* Hong, J.-K. 53527
Kim, S.-J. *see* Lee, J.-W. 43682
Kim, S.-J. *see* Yang, J.-M. 48120
Kim, S.-M., Lee, I.-H., Youn, K.-K., Park, K.-H., Cho, S.-K., Rhee, J.-K., Park, H.-C. A study on fabrication of a MMIC GaAs power amplifier for ISM-band 21974
Kim, S.-U. *see* Kim, S.-Y. 24579
Kim, S.-U. *see* Kim, S.-Y. 24580
Kim, S.-Y. Diffraction coefficients of a conducting wedge based on dual integral equations 56015
Kim, S.-Y., Lee, J.-H., Kim, S.-U. Analysis of wide-band hoghorn antenna. I. Double ridged rectangular waveguide feeder 24580
Kim, S.-Y., Park, J.-K., Kim, S.-U. Analysis of wide-band hoghorn antenna. I. Radiation pattern 24579
Kim, S.-Y. *see* Yang, J.-M. 48120
Kim, S.C. *see* Grekhov, I.V. 2295
Kim, S.C. *see* Grekhov, I.V. 22324
Kim, S.C. *see* Kim, E.D. 41852
Kim, S.C. *see* Ko, I.S. 37111
Kim, S.C. *see* Kyoung Ha Kim 2056
Kim, S.D., Kim, J.H., Yun, C.M., Han, M.K., Choi, Y.I. An SOI lateral BMFET for power IC applications 43146
Kim, S.D. *see* Yun, C.M. 43108
Kim, S.E., Kim, Y.D., Ahn, D.H., Hong, S.J., Shin, Y.G., Park, Y.W., Kang, H.K., Koh, Y.B., Lee, M.Y. Nitride cladded poly-Si spacer LOCOS (NCPSL) isolation technology for the 1 giga bit DRAM 41173
Kim, S.G. *see* Park, J.R. 24608
Kim, S.G. *see* Peng Chubing 32828
Kim, S.G. *see* Peng Chubing 32867
Kim, S.H., Clarke, J., Edmonds, J. The economic value of fusion energy 19472
Kim, S.H. *see* Ghandeharizadeh, S. 47346
Kim, S.H. *see* Kim, B. 3888
Kim, S.H. *see* Kwon, Y.A. 51657
Kim, S.H. *see* Lee, C. 42824
Kim, S.H. *see* Lee, J.-W. 32859
Kim, S.H. *see* Lee, J.-W. 43682
Kim, S.H. *see* Noh, T.W. 21298
Kim, S.I. *see* Tompa, G.S. 10888
Kim, S.J., Byunguk Choi An encryption algorithm of images using a mass transfer function 57169
Kim, S.J., Jones, J.D. Effects of piezo-actuator delamination on the performance of active noise and vibration control systems 51440
Kim, S.J., Park, S.J., Won, D.H. Convertible group signatures 4569
Kim, S.J. *see* Kim, C.S. 3348
Kim, S.J. *see* Kim, J.D. 58002
Kim, S.J. *see* Lee, J.-W. 32859
Kim, S.J. *see* Lee, S.H. 15798
Kim, S.J. *see* Lee, Y.W. 14001
Kim, S.J. *see* Nilsson, J. 14007
Kim, S.J. *see* Noh, D.S. 13748
Kim, S.K., Chang, S.H., Kim, B.Y. Bidirectional Er-doped fiber ring laser for RLG application 36593
Kim, S.K. *see* Ohshima, Y. 18083
Kim, S.K. *see* Seong-Heon Seo 7831
Kim, S.N. *see* Kim, C.W. 1282
Kim, S.P. *see* Chong, U. 25691
Kim, S.P. *see* Ginesta, X. 5339
Kim, S.P. *see* Junchen Du 14881
Kim, S.P. *see* Junchen Du 15102
Kim, S.P. *see* Ryu, C. 15511
Kim, S.S., Hwang, D.J., Jeong, C.G. A multimedia collaboration home study system: MUCH 52043
Kim, S.U. *see* Cavalli, A. 46765
Kim, S.U. *see* Chang, B.I. 31832
Kim, S.U. *see* Han, M.S. 42369
Kim, S.U. *see* Lee, T.S. 32196
Kim, S.W., Kimura, N., Makida, Y., Shintomi, T., Mito, T., Iwamoto, A., Kimura, A., Yamamoto, J., Hirabayashi, H. Studies on stabilities of superconducting Rutherford cables 43864
Kim, S.W. *see* Collings, E.W. 43773
Kim, S.W. *see* Kim, C.W. 1282
Kim, S.W. *see* Park, S.K. 32711
Kim, S.W.A., Menberu, B., Le, H.X.P., Wenjie Jiang, Chung, J.E. An improved NMOS AC hot-carrier lifetime prediction algorithm based on the dominant degradation asymptote 43047
Kim, T. *see* Henderson, T. 42960
Kim, T.-Y. *see* Cho, K.-M. 47712
Kim, T.H., Kye, H.W., Kim, C.S. An algorithm for predicting the D1 failure ASER of ULSI DRAM 21700
Kim, T.H., Park, S.H., Kim, C.S. The extraction of the threshold voltage and the subthreshold swing of MOSFETs using the improved integration method of carrier concentrations 2679
Kim, T.I. *see* Lee, S.H. 23813
Kim, T.K. *see* Kim, D.H. 23334
Kim, T.M., Lee, S.H., Park, H.L. Tunneling effects in $Cd_{0.24}Zn_{0.76}Te$/ZnTe asymmetric double quantum wells 32015
Kim, T.S. *see* Henderson, T.S. 31527
Kim, T.W., Park, H.L., Lee, J.Y. Stability problems in CdTe/InSb heterointerfaces grown by temperature gradient vapor transport deposition at low temperature 40312
Kim, T.W., Park, H.L., Lee, J.Y. Improvement of the crystallinity of a $Cd_xZn_{1-x}Te$ epitaxial film grown on a GaAs substrate using a ZnTe buffer layer 41905
Kim, T.W. *see* Han, M.S. 2026
Kim, T.W. *see* Han, M.S. 54097
Kim, T.Y. *see* Choi, J.Y. 51214
Kim, W., Aktas, O., Salvador, A., Botchkarev, A., Sverdlov, B., Mohammad, S.N., Morkoc, H. MBE grown high quality GaN films and devices 30832
Kim, W. *see* Jeong, E. 57436
Kim, W. *see* Lee, J. 1711
Kim, W. *see* Mohammad, S.N. 52636
Kim, W. *see* Morkoc, H. 12362
Kim, W.-H. *see* Reinot, T. 55846
Kim, W.-J., Berhan, M.T., Trumper, D.L., Lang, J.H. Analysis and implementation of a tubular motor with Halbach magnet array 29735
Kim, W.-J. *see* Tong, Q.-Y. 12801
Kim, W.D. *see* Lee, B.H. 21661
Kim, W.S., Cho, H.S., Kim, S. A new omnidirectional image sensing system for assembly (OISSA) 36679
Kim, W.S. *see* Kim, D.Y. 22676
Kim, W.S. *see* Kim, Y.M. 697
Kim, W.S. *see* Lee, C.W. 42470
Kim, W.S. *see* Tappert, J. 3192
Kim, W.T. *see* Yang, D.I. 40439
Kim, W.T. *see* Yoo, Y.G. 3143
Kim, Y., Erbil, A. Optical properties of the epitaxial $Pb_{1-x}La_xTiO_3$ thin films grown by metalorganic chemical vapor deposition 23649
Kim, Y., Hensley, S., Veilleux, L., Edelstein, W., Lou, Y., Burken, A., Skotnicky, W.I., Sato, T., Brown, W. Design considerations of GeoSAR 8347
Kim, Y., Lou, Y., van Zyl, J., Maldonado, L., Miller, T., Sato, T., Skotnicki, W. NASA/JPL airborne three-frequency polarimetric/interferometric SAR system 8308
Kim, Y. *see* Appel, A. 2814
Kim, Y. *see* Clark, N.K. 32368
Kim, Y. *see* Edberg, D. 49861
Kim, Y. *see* Freeman, A. 27011
Kim, Y. *see* Jordan, R.L. 8348
Kim, Y. *see* Jordan, R.L. 50025
Kim, Y. *see* Kim, S.-I. 52650
Kim, Y. *see* Lee, J.G. 23695
Kim, Y. *see* Yuan, S. 42136
Kim, Y.-B., Shibata, M., Ehara, T., Enami, K. A natural language-driven video sequencer 17057

Kim, Y.-B., Sohn, C.-J., Kang, H.-Y., Han, W.-S., Koh, Y.-B. Study on optical proximity correction of bit line pattern in DRAM devices 1384
Kim, Y.B. *see* Kim, D.H. 23334
Kim, Y.D., Nakamura, F., Yoon, E., Forbes, D.V., Coleman, J.J. Monolayer epitaxy of GaAs at 650°C by metal-organic chemical-vapor deposition with surface photoabsorption monitoring 21228
Kim, Y.D. *see* Kim, S.E. 41173
Kim, Y.D. *see* Noumi, H. 37073
Kim, Y.D. *see* Yoo, Y.G. 3143
Kim, Y.H. *see* Jeon, J.G. 56852
Kim, Y.H. *see* Jeong, P. 40711
Kim, Y.H. *see* Kim, E.S. 51301
Kim, Y.H. *see* Lee, S.Y. 32964
Kim, Y.H. *see* Lee, T.S. 32196
Kim, Y.H. *see* Park, J.H. 22689
Kim, Y.I. *see* Park, S.W. 54262
Kim, Y.J. *see* Gao, Y. 40402
Kim, Y.K. *see* Chen, J.C. 1414
Kim, Y.K. *see* Cross, R.W. 13473
Kim, Y.K. *see* Lee, C.S. 57310
Kim, Y.K. *see* Narayan, P.B. 43721
Kim, Y.L. *see* Guerci, J.R. 27061
Kim, Y.M., Kim, W.S., Kim, Y.S., Ko, H.S., Kim, D.H., Bae, J.H., Woo, J.C., Schmiedel, T. Migration enhanced epitaxial growth of a quantum wire superlattice and a photoluminescence excitation and magnetoluminescence analysis 697
Kim, Y.M. *see* Guerreiro, P.T. 44420
Kim, Y.M. *see* Lee, M. 53205
Kim, Y.N. *see* Choi, B.J. 31072
Kim, Y.R. *see* Lee, J.G. 23695
Kim, Y.S. *see* Kim, Y.M. 697
Kim, Y.S. *see* Lee, J.G. 23695
Kim, Y.S. *see* Pariente, F. 5534
Kim, Y.S. *see* Park, W.G. 46594
Kim, Y.T. *see* Shin, H.K. 40637
Kim, Y.U., Nespor, J.D. Shaped beam synthesis and conditional thinning for planar phased array 34397
Kim Baek-Un *see* Baek-Un Kim
Kim Be-Woo *see* Be-Woo Kim
Kim Beom Shig *see* Beom Shig Kim
Kim Beomsup *see* Beomsup Kim
Kim Bo Eun *see* Bo Eun Kim
Kim Bo Woo *see* Bo Woo Kim
Kim Bo-Gwan *see* Bo-Gwan Kim
Kim Bog Kwon *see* Bog Kwon Kim
Kim Bon-Kee *see* Bon-Kee Kim
Kim Bong Jin *see* Bong Jin Kim
Kim Bong Ryul *see* Bong Ryul Kim
Kim Bong-Hwan *see* Bong-Hwan Kim
Kim Bong-Jin *see* Bong-Jin Kim
Kim Bong-Soo *see* Bong-Soo Kim
Kim Bum-Soo *see* Bum-Soo Kim
Kim Bumman *see* Bumman Kim
Kim Byoung Hwa *see* Byoung Hwa Kim
Kim Byoung Yoon *see* Byoung Yoon Kim
Kim Byoung-Geuk *see* Byoung-Geuk Kim
Kim Byoung-Gwan *see* Byoung-Gwan Kim
Kim Byoung-Jin *see* Byoung-Jin Kim
Kim Byoung-Whi *see* Byoung-Whi Kim
Kim Byung Soo *see* Byung Soo Kim
Kim Byung-Gi *see* Byung-Gi Kim
Kim Byung-Ki *see* Byung-Ki Kim
Kim Byung-Kook *see* Byung-Kook Kim
Kim Byung-Yoon *see* Byung-Yoon Kim
Kim Byungsung *see* Byungsung Kim
Kim Cha Yeon *see* Cha Yeon Kim
Kim Chae Ok *see* Chae Ok Kim
Kim Chan Hong *see* Chan Hong Kim
Kim Chan-Ki *see* Chan-Ki Kim
Kim Chang Eun *see* Chang Eun Kim
Kim Chang Hyun *see* Chang Hyun Kim
Kim Chang Min *see* Chang Min Kim
Kim Chang Soo *see* Chang Soo Kim
Kim Chang Sub *see* Chang Sub Kim
Kim Chang-Dong *see* Chang-Dong Kim
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Kim Chang-Gyun *see* Chang-Gyun Kim
Kim Chang-Hun *see* Chang-Hun Kim
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Kim Chang-Il *see* Chang-Il Kim
Kim Chang-Joo *see* Chang-Joo Kim
Kim Chang-Min *see* Chang-Min Kim
Kim Chang-Soo *see* Chang-Soo Kim
Kim Chang-Woo *see* Chang-Woo Kim
Kim Changhyun *see* Changhyun Kim
Kim Che-Young *see* Che-Young Kim
Kim Cheeha *see* Cheeha Kim
Kim Cheol Su *see* Cheol Su Kim
Kim Cheol-Hoi *see* Cheol-Hoi Kim
Kim Choen *see* Choen Kim
Kim Chong Sang *see* Chong Sang Kim
Kim Chong-Yeal *see* Chong-Yeal Kim
Kim Chongsang *see* Chongsang Kim
Kim Choong-Ki *see* Choong-Ki Kim
Kim Chul-Hwan *see* Chul-Hwan Kim
Kim Chul-Ju *see* Chul-Ju Kim
Kim Chul-Woo, Lee Seung Jun, Lee Choong Woong Image compression through projection of wavelet coefficients 46174
Kim Chun Keun *see* Chun Keun Kim
Kim Chun-Gon *see* Chun-Gon Kim
Kim Chung-Tae *see* Chung-Tae Kim
Kim Chunghee *see* Chunghee Kim
Kim Dae Ik *see* Dae Ik Kim
Kim Dae Keun *see* Dae Keun Kim
Kim Dae Wook *see* Dae Wook Kim
Kim Dae Young *see* Dae Young Kim
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Kim Dae-Woo *see* Dae-Woo Kim
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Kim Jin-Yang *see* Jin-Yang Kim
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Kim Jong-Man *see* Jong-Man Kim
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Kim Jong-Shik *see* Jong-Shik Kim
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Kim Joohn-Sheok *see* Joohn-Sheok Kim
Kim Joon Han *see* Joon Han Kim
Kim Joon Hong *see* Joon Hong Kim
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Kim Joonho *see* Joonho Kim
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Kim Ju Pil *see* Ju Pil Kim
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Kim Jung Ju *see* Jung Ju Kim
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Kim Kee-Ho *see* Kee-Ho Kim
Kim Kee-Jong *see* Kee-Jong Kim
Kim Kern-Joong *see* Kern-Joong Kim
Kim Kern-Jung *see* Kern-Jung Kim
Kim Keum-Yong *see* Keum-Yong Kim
Kim Keun-Bae *see* Keun-Bae Kim
Kim Keunjoo *see* Keunjoo Kim
Kim Ki Hyun *see* Ki Hyun Kim
Kim Ki Hyung *see* Ki Hyung Kim
Kim Ki Wan *see* Ki Wan Kim
Kim Ki-Bong *see* Ki-Bong Kim
Kim Ki-Bum *see* Ki-Bum Kim
Kim Ki-Chai *see* Ki-Chai Kim
Kim Ki-Chul *see* Ki-Chul Kim
Kim Ki-Hwan *see* Ki-Hwan Kim
Kim Ki-Nam *see* Ki-Nam Kim
Kim Ki-Soo *see* Ki-Soo Kim
Kim Ki-Sung *see* Ki-Sung Kim
Kim Ki-Wan *see* Ki-Wan Kim
Kim Kitaek *see* Kitaek Kim
Kim Kook-Hun *see* Kook-Hun Kim
Kim Kuk-Jin *see* Kuk-Jin Kim
Kim Kun *see* Kun Kim
Kim Kun Suk *see* Kun Suk Kim
Kim Kun-Ho *see* Kun-Ho Kim
Kim Kun-Young *see* Kun-Young Kim
Kim Kuy-Tae *see* Kuy-Tae Kim
Kim Kwan *see* Kwan Kim
Kim Kwang Ik *see* Kwang Ik Kim
Kim Kwang Moo *see* Kwang Moo Kim
Kim Kwang Young *see* Kwang Young Kim
Kim Kwang-Ho *see* Kwang-Ho Kim
Kim Kwang-Ick *see* Kwang-Ick Kim
Kim Kwang-Suk *see* Kwang-Suk Kim
Kim Kwangjoon *see* Kwangjoon Kim
Kim Kwangsik *see* Kwangsik Kim
Kim Kwangsoo *see* Kwangsoo Kim
Kim Kye-Kyung *see* Kye-Kyung Kim
Kim Kyeong-Hwa *see* Kyeong-Hwa Kim
Kim Kyeounsoo *see* Kyeounsoo Kim
Kim Kyok *see* Kyok Kim
Kim Kyong Hon *see* Kyong Hon Kim
Kim Kyong-Sub *see* Kyong-Sub Kim
Kim Kyosun *see* Kyosun Kim
Kim Kyoung Ha *see* Kyoung Ha Kim
Kim Kyoung-Ok *see* Kyoung-Ok Kim
Kim Kyu-Tae *see* Kyu-Tae Kim
Kim Kyung Myun *see* Kyung Myun Kim
Kim Kyung Wha *see* Kyung Wha Kim
Kim Kyung Youn *see* Kyung Youn Kim
Kim Kyung-Ho *see* Kyung-Ho Kim
Kim Kyung-Soo *see* Kyung-Soo Kim
Kim Kyungsoo *see* Kyungsoo Kim
Kim Lau *see* McMillian, G. 31309
Kim Leng Poh, Horvitz, E. A graph-theoretic analysis of information value 4415
Kim Min Gon *see* Min Gon Kim
Kim Min-Goo *see* Min-Goo Kim
Kim Min-Jeong *see* Min-Jeong Kim
Kim Min-Ki *see* Min-Ki Kim
Kim Min-Kyu *see* Min-Kyu Kim
Kim Min-Soo *see* Min-Soo Kim
Kim Moo Young *see* Moo Young Kim
Kim Moo-Sung *see* Moo-Sung Kim
Kim Moon Jung *see* Moon Jung Kim
Kim Moon-Deock *see* Moon-Deock Kim
Kim Mu-Gyeom *see* Mu-Gyeom Kim
Kim Mun-Soo *see* Mun-Soo Kim
Kim Myeongcheol *see* Myeongcheol Kim
Kim Myoung Hee *see* Myoung Hee Kim
Kim Myoung Jin *see* Myoung Jin Kim
Kim Myoung-Ho *see* Myoung-Ho Kim
Kim Myoung-Jin *see* Myoung-Jin Kim
Kim Myung-Chan *see* Myung-Chan Kim
Kim Myung-Ro *see* Myung-Ro Kim
Kim Naghwan *see* Naghwan Kim
Kim Nam *see* Nam Kim
Kim Nam Chul *see* Nam Chul Kim
Kim Nam Seong *see* Nam Seong Kim
Kim Nam Soo *see* Nam Soo Kim
Kim Nam Suk *see* Nam Suk Kim
Kim Nam Tae *see* Nam Tae Kim
Kim Nam-Jeong *see* Nam-Jeong Kim
Kim Nam-Jong *see* Nam-Jong Kim
Kim Nam-Joon *see* Nam-Joon Kim
Kim Nam-Kyeong *see* Nam-Kyeong Kim
Kim Nam-Soo *see* Nam-Soo Kim
Kim Namhoon *see* Namhoon Kim
Kim Ohyun *see* Ohyun Kim
Kim Ok *see* Ok Kim
Kim Olyun *see* Olyun Kim
Kim Pill Soo *see* Pill Soo Kim
Kim Pill-Soo *see* Pill-Soo Kim
Kim Pyeong Jung *see* Pyeong Jung Kim
Kim Pyoung-Ho *see* Pyoung-Ho Kim
Kim Quiesup *see* Quiesup Kim
Kim Rin Chul *see* Rin Chul Kim
Kim Sam-Dong *see* Sam-Dong Kim
Kim Sang Dong *see* Sang Dong Kim
Kim Sang Duck *see* Sang Duck Kim
Kim Sang Hyun *see* Sang Hyun Kim
Kim Sang Jin *see* Sang Jin Kim
Kim Sang Ku *see* Sang Ku Kim
Kim Sang Kyoon *see* Sang Kyoon Kim
Kim Sang Ryong *see* Sang Ryong Kim
Kim Sang Wu *see* Sang Wu Kim
Kim Sang Yong *see* Sang Yong Kim
Kim Sang Youl *see* Sang Youl Kim
Kim Sang-Bae *see* Sang-Bae Kim
Kim Sang-Cheon *see* Sang-Cheon Kim
Kim Sang-Gi *see* Sang-Gi Kim
Kim Sang-Jin *see* Sang-Jin Kim
Kim Sang-Joon *see* Sang-Joon Kim
Kim Sang-Myung *see* Sang-Myung Kim
Kim Sang-Uk *see* Sang-Uk Kim
Kim Sang-Wook *see* Sang-Wook Kim
Kim Sangbo *see* Sangbo Kim
Kim Sangjoong *see* Sangjoong Kim
Kim Se-Ho *see* Se-Ho Kim
Kim Se-Yun *see* Se-Yun Kim
Kim Seehyun *see* Seehyun Kim
Kim Sehun *see* Sehun Kim
Kim Sei-Chan *see* Sei-Chan Kim
Kim Seog Nam *see* Seog Nam Kim
Kim Seog-Joo *see* Seog-Joo Kim
Kim Seok *see* Seok Kim
Kim Seok-Yoon *see* Seok-Yoon Kim
Kim SeokHun *see* SeokHun Kim
Kim Seon Ik *see* Seon Ik Kim
Kim Seon-Hyo *see* Seon-Hyo Kim
Kim Seon-Ja *see* Seon-Ja Kim
Kim Seon-Ju *see* Seon-Ju Kim
Kim Seong Hun *see* Seong Hun Kim
Kim Seong Hyun *see* Seong Hyun Kim
Kim Seong Rag *see* Seong Rag Kim
Kim Seong-Cheol *see* Seong-Cheol Kim
Kim Seong-Dae *see* Seong-Dae Kim
Kim Seong-Dong *see* Seong-Dong Kim
Kim Seong-Il *see* Seong-Il Kim
Kim Seongcheol *see* Seongcheol Kim
Kim Seongjin *see* Seongjin Kim
Kim Seoung-Beom *see* Seoung-Beom Kim
Kim Seung Bae *see* Seung Bae Kim
Kim Seung Hyun *see* Seung Hyun Kim
Kim Seung Kwan *see* Seung Kwan Kim
Kim Seung-Goo *see* Seung-Goo Kim
Kim Seung-Hee *see* Seung-Hee Kim
Kim Seung-Kwan *see* Seung-Kwan Kim
Kim Seung-L Moon Un *see* Un Kim Seung-L Moon
Kim Seung-Ri *see* Seung-Ri Kim
Kim Seung-Ryeol *see* Seung-Ryeol Kim
Kim Shin-Dug *see* Shin-Dug Kim
Kim Si-Moon *see* Si-Moon Kim
Kim So-Hyung *see* So-Hyung Kim
Kim Soo Joong *see* Soo Joong Kim
Kim Soo Won *see* Soo Won Kim
Kim Soo-Gil *see* Soo-Gil Kim
Kim Soo-Gon *see* Soo-Gon Kim
Kim Soon Tae *see* Soon Tae Kim
Kim Soon-Jong *see* Soon-Jong Kim
Kim Soon-Uk *see* Soon-Uk Kim
Kim Soung Hie *see* Soung Hie Kim
Kim Su Sun *see* Su Sun Kim
Kim Su Wan *see* Su Wan Kim
Kim Suk Ki *see* Suk Ki Kim
Kim Sun Hyoung *see* Sun Hyoung Kim
Kim Sun Kook *see* Sun Kook Kim
Kim Sun Ung *see* Sun Ung Kim
Kim Sun You *see* Sun You Kim
Kim Sun-Ung *see* Sun-Ung Kim
Kim Sung *see* Sung Kim
Kim Sung Chul *see* Sung Chul Kim
Kim Sung Chun *see* Sung Chun Kim
Kim Sung Ho *see* Sung Ho Kim
Kim Sung Hoon *see* Sung Hoon Kim
Kim Sung Hwan *see* Sung Hwan Kim
Kim Sung June *see* Sung June Kim
Kim Sung-Chul *see* Sung-Chul Kim
Kim Sung-Do *see* Sung-Do Kim
Kim Sung-Duck *see* Sung-Duck Kim
Kim Sung-Joo *see* Sung-Joo Kim
Kim Sung-Joong *see* Sung-Joong Kim
Kim Sung-Oan *see* Sung-Oan Kim
Kim Sung-Soo *see* Sung-Soo Kim
Kim Sung-Tae *see* Sung-Tae Kim
Kim Sung-Uk *see* Sung-Uk Kim
Kim Sungchun *see* Sungchun Kim
Kim Sungjoon *see* Sungjoon Kim
Kim Sungkwun *see* Sungkwun Kim
Kim Sungsoo *see* Sungsoo Kim
Kim Tae *see* Tae Kim
Kim Tae Geun *see* Tae Geun Kim
Kim Tae Ho *see* Tae Ho Kim
Kim Tae Il *see* Tae Il Kim
Kim Tae Woong *see* Tae Woong Kim
Kim Tae-Eun *see* Tae-Eun Kim
Kim Tae-Geun *see* Tae-Geun Kim
Kim Tae-Hoon *see* Tae-Hoon Kim
Kim Tae-Hyeon *see* Tae-Hyeon Kim
Kim Tae-Hyun *see* Tae-Hyun Kim
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Kim Tae-Kyun *see* Tae-Kyun Kim
Kim Tae-Kyung *see* Tae-Kyung Kim
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Kim Tae-Yong *see* Tae-Yong Kim
Kim Tae-Yoon *see* Tae-Yoon Kim
Kim Taeil *see* Taeil Kim
Kim Taejeong *see* Taejeong Kim
Kim Taeyeon *see* Taeyeon Kim
Kim Tai-Yun *see* Tai-Yun Kim
Kim Tong-Ha *see* Tong-Ha Kim
Kim Ung *see* Ung Kim
Kim Vonkyoung *see* Vonkyoung Kim
Kim Whoi-Yul *see* Whoi-Yul Kim
Kim Won Tae *see* Won Tae Kim
Kim Wonchan *see* Wonchan Kim
Kim Wonjong *see* Wonjong Kim
Kim Woo Sup *see* Woo Sup Kim
Kim Woohong *see* Woohong Kim
Kim Wook-Kyum *see* Wook-Kyum Kim
Kim Yang Mo *see* Yang Mo Kim
Kim Ye Hyun *see* Ye Hyun Kim
Kim Yee Hwan *see* Yee Hwan Kim
Kim Yeng-Dong *see* Yeng-Dong Kim
Kim Yeon-Jung *see* Yeon-Jung Kim
Kim Yeong-Taeg *see* Yeong-Taeg Kim
Kim Yong *see* Yong Kim
Kim Yong Bai *see* Yong Bai Kim
Kim Yong Ho *see* Yong Ho Kim
Kim Yong Hoon *see* Yong Hoon Kim
Kim Yong Hyuk *see* Yong Hyuk Kim
Kim Yong Keol *see* Yong Keol Kim
Kim Yong Kwan *see* Yong Kwan Kim
Kim Yong Tae *see* Yong Tae Kim
Kim Yong-Bin *see* Yong-Bin Kim
Kim Yong-Gyoo *see* Yong-Gyoo Kim
Kim Yong-Kweon *see* Yong-Kweon Kim
Kim Yong-Sang *see* Yong-Sang Kim
Kim Yong-Suk *see* Yong-Suk Kim
Kim Yong-Sung *see* Yong-Sung Kim
Kim Yong-Wan *see* Yong-Wan Kim
Kim Yong-Wook *see* Yong-Wook Kim
Kim Yong-Yoo *see* Yong-Yoo Kim
Kim Yongdeak *see* Yongdeak Kim
Kim Yonggil *see* Yonggil Kim
Kim Yongho *see* Yongho Kim
Kim Yongkyu *see* Yongkyu Kim
Kim Yongmin *see* Yongmin Kim
Kim Yoon-Ho *see* Yoon-Ho Kim
Kim Yoonkee *see* Yoonkee Kim
Kim Youn Tae *see* Youn Tae Kim
Kim Youn-Myung *see* Youn-Myung Kim
Kim Young Boo *see* Young Boo Kim
Kim Young Cho *see* Young Cho Kim
Kim Young Choon *see* Young Choon Kim
Kim Young Il *see* Young Il Kim
Kim Young Jin *see* Young Jin Kim
Kim Young Jung *see* Young Jung Kim
Kim Young Kil, Choi Byung Uk An analysis of illocutionary force types in a dialogue, based on the context and modal information in the ending of a word 56399
Kim Young Myoung *see* Young Myoung Kim
Kim Young Sik *see* Young Sik Kim
Kim Young Soo *see* Young Soo Kim
Kim Young Sun *see* Young Sun Kim
Kim Young Tae *see* Young Tae Kim
Kim Young-An *see* Young-An Kim
Kim Young-Bog *see* Young-Bog Kim
Kim Young-Cheol *see* Young-Cheol Kim
Kim Young-Chon *see* Young-Chon Kim
Kim Young-Choon *see* Young-Choon Kim
Kim Young-Chun *see* Young-Chun Kim
Kim Young-Gil *see* Young-Gil Kim
Kim Young-Gon *see* Young-Gon Kim
Kim Young-Hee *see* Young-Hee Kim
Kim Young-Ho *see* Young-Ho Kim
Kim Young-Hwan *see* Young-Hwan Kim
Kim Young-Il *see* Young-Il Kim
Kim Young-Jung *see* Young-Jung Kim

Kim Young-Kung *see* Young-Kung Kim
Kim Young-No *see* Young-No Kim
Kim Young-Pyung *see* Young-Pyung Kim
Kim Young-Sang *see* Young-Sang Kim
Kim Young-Seok *see* Young-Seok Kim
Kim Young-Soo *see* Young-Soo Kim
Kim Young-Soung *see* Young-Soung Kim
Kim Young-Sun *see* Young-Sun Kim
Kim Young-Sup *see* Young-Sup Kim
Kim Youngchun *see* Youngchun Kim
Kim Younggyun *see* Younggyun Kim
Kim Youngkyun *see* Youngkyun Kim
Kim Yu-Hyun *see* Yu-Hyun Kim
Kim Yun Goo *see* Yun Goo Kim
Kim Yun Ho *see* Yun Ho Kim
Kim Yun Kyong *see* Yun Kyong Kim
Kim Yun-Gi *see* Yun-Gi Kim
Kim Yung-Kwon *see* Yung-Kwon Kim
Kim-Chuan Toh GMRES vs. ideal GMRES 30606
Kim-Gau Ng A basis for use of long cuff bladders in oscillometric blood pressure measurement 59386
Kim-Sing Wong *see* Wenji Peng 3877
Kimata, K. *see* Ishizawa, M. 51500
Kimata, M. *see* Kifuku, T. 9702
Kimata, M. *see* Mano, S. 26563
Kimata, M. *see* Shiraishi, T. 27662
Kimata, M. *see* Sone, T. 27663
Kimata, M. *see* Wada, H. 58846
Kimball, B.R., Nakashima, M., Roach, J.F., Jaglowski, A.J., Aranda, F.J., Rao, D.V.G.L.N. Optical power limiting in solutions of polyphenylquinoxalines 24230
Kimball, J. *see* Rutter, R. 39276
Kimball, J.L. *see* Corleto, C.R. 20658
Kimber, P. A simple no-bill system [electricity metering] 38441
Kimber, R. *see* Goodbody, C. 37990
Kimber, R. *see* Goodbody, C. 37992
Kimble, H.J. *see* Cirac, J.I. 56232
Kimble, H.J. *see* Georgiades, N.P. 27377
Kimbler, K. *see* Capellmann, C. 26315
Kime, C.R. *see* AlShaibi, M.F. 41038
Kimeda, T. *see* Namiki, I. 16413
Kimerling, L.C. *see* Agarwal, A.M. 3437
Kimerling, L.C. *see* Norga, G.J. 42567
Kimery, J. Choosing the right test platform 7193
Kimery, J. Building scalable virtual instrumentation systems 36395
Kimes, K. *see* Avery, J. 37988
Kimia, B.B., Siddiqi, K. Geometric heat equation and nonlinear diffusion of shapes and images 5466
Kimia, B.B. *see* Tek, H. 49553
Kimiaei, S., Larsson, S.A., Jacobsson, H. Collimator design for improved spatial resolution in SPECT and planar scintigraphy 7907
Kimijima, T. *see* Ishihara, Y. 48997
Kiminori Itoh *see* Xiao-Min Chen 13660
Kimitsuka, A. *see* Takebuchi, M. 42711
Kimizuka, M., Ozaki, Y. Pattern profile control of polysilicon in magnetron reactive ion etching 42579
Kimizuka, M., Ozaki, Y., Watanabe, Y. Effect of plasma polymerization film on reducing damage of reactive ion etched silicon substrates with CHF_3+O_2 plasmas 42575
Kimizuka, N. *see* Horiuchi, T. 54795
Kimmal, J.M. *see* Russak, M.A. 43683
Kimmel, K.R., Hughes, P.J. Current status of X-ray mask manufacturing at the Microlithographic Mask Development Center 22677
Kimmel, K.R. *see* Puisto, D.M. 32300
Kimmel, M., Singer, H. Numerical computation of anisotropic shielding materials based on the method of moments 45233
Kimmel, R. Affine differential signatures for gray level images of planar shapes 5050
Kimmel, R., Kiryati, N. Finding the shortest paths on surfaces by fast global approximation and precise local refinement 52493
Kimmel, R. *see* Caselles, V. 57161
Kimmel, R. *see* Cohen, L.D. 56938
Kimmel, R. *see* Steiner, A. 5123
Kimn Ha-Jine *see* Ha-Jine Kimn
Kimnach, G.L. Design of a power management and distribution system for a thermionic-diode powered spacecraft 18680
Kimoto, A., Shida, K. Estimation of position and relative permittivity of dielectric in a cylindrical air condenser by new capacitance measurement method 17781
Kimoto, K., Hirayama, Y., Futamoto, M. Compositional separation in CoCrTa perpendicular magnetic thin films 23368
Kimoto, K. *see* Sekiguchi, T. 36959
Kimoto, M., Furukawa, T. A consideration on the modified block LMS-Newton algorithm and its performance 555
Kimoto, S., Yamamoto, S., Nakamura, K., Seta, M. High-speed electric machines in aircraft and special uses 18592
Kimoto, S. *see* Shimizu, H. 19679
Kimoto, T., Yasuda, Y. Shape description and representation by ellipsoids 56676
Kimoto, T. *see* Inoue, N. 54366
Kimoto, T. *see* Kook-Sang Park 44254
Kimoto, T. *see* Tanimoto, M. 15601
Kimoto, T. *see* Tanimoto, M. 56741
Kimpara, Y. *see* Kaneyuki, K. 9677
Kimrey, H.D. *see* White, M.J. 30975
Kimura *see* Kato, M. 33369
Kimura, A., Shintomi, T., Terashima, A., Kawabata, S., Sumiyoshi, F., Hirabayashi, H. Contact surfaces between strands of Rutherford cables in various curing conditions 43778
Kimura, A., Yamaguchi, A.A., Sakai, A., Sunakawa, H., Nido, M., Usui, A. Surface morphology study for hexagonal GaN grown on GaAs(100) substrates by hydride vapor phase epitaxy 10724
Kimura, A. *see* Kanie, T. 59357
Kimura, A. *see* Kim, S.W. 43864
Kimura, A. *see* Ohsugi, T. 37385
Kimura, A. *see* Ohta, T. 7044
Kimura, A. *see* Sunakawa, H. 30734
Kimura, F. *see* Ishikawa, K. 17109
Kimura, F. *see* Wakabayashi, T. 25710
Kimura, G. *see* Qing Mao 39374
Kimura, H. *see* Funada, K. 6274
Kimura, H. *see* Kirby, K.W. 7474
Kimura, H. *see* Kohmura, Y. 37066
Kimura, H. *see* Kurosaki, T. 3669
Kimura, H. *see* Nakao, S. 42891
Kimura, H. *see* Omori, T. 48795
Kimura, H. *see* Oyabu, T. 36965
Kimura, H. *see* Shohji, I. 10162
Kimura, H. *see* Uemura, T. 55401
Kimura, I. *see* Hashimoto, K. 50076
Kimura, I. *see* Kobayashi, K. 37531
Kimura, I. *see* Sato, T. 48119
Kimura, J. *see* Ikeda, A. 59690
Kimura, J. *see* Ishibashi, K. 824
Kimura, J. *see* Kobayash, T. 1455
Kimura, J. *see* Miyoshi, T. 28325
Kimura, J. *see* Morooka, S. 19510
Kimura, K. A linear CMOS transconductance element of an adaptively biased source-coupled differential pair using a quadritail cell 11191
Kimura, K. The super-multi-tanh technique for bipolar linear transconductance amplifiers 11192
Kimura, K. A bipolar low-voltage quarter-square multiplier with a resistive-input based on the bias offset technique 21838
Kimura, K. The ultra-multi-tanh technique for bipolar linear transconductance amplifiers 40939
Kimura, K. Low voltage techniques for bias circuits 52938
Kimura, K., Inagaki, K., Karasawa, Y. Global satellite communication network using double-layered inclined orbit constellation with optical inter-satellite links 6780
Kimura, K., Inagaki, K., Karasawa, Y. Double-layered inclined orbit constellation for advanced satellite communications network 36063
Kimura, K., Miwa, S., Yasuda, T., Kuo, L.H., Jin, C.G., Tanaka, K., Yao, T. Efficient doping of nitrogen with high activation ratio into ZnSe using a high-power plasma source 22521
Kimura, K. *see* Fujisawa, H. 1390
Kimura, K. *see* Fujisawa, H. 53293
Kimura, K. *see* Han, G.C. 43743
Kimura, K. *see* Itoh, K. 9169
Kimura, K. *see* Kawahara, T. 1331
Kimura, K. *see* Kawahara, T. 1415
Kimura, K. *see* Miwa, S. 10762
Kimura, K. *see* Miwa, S. 54374
Kimura, K. *see* Sakata, T. 1391
Kimura, K. *see* Sato, S. 43462
Kimura, K. *see* Shoji, K. 1356
Kimura, K. *see* Tomikawa, Y. 17287
Kimura, M. Absolute-humidity sensing independent of the ambient temperature 36467
Kimura, M., Djilali, N., Dost, S., Kanai, H., Tanaka, A., Sukegawa, T. Liquid phase epitaxy of silicon: an experimental and numerical parametric study 808
Kimura, M., Dost, S., Udono, H., Tanaka, A., Sukegawa, T., Qin, Z. A numerical analysis for the conversion phenomenon of GaAs to GaAsP on a GaP substrate in an LPE system 30790
Kimura, M., Ishikawa, M., Okano, H., Ozaki, O. Visual inspection submersible for nuclear power plant 38464
Kimura, M., Ohmi, T. Conduction mechanism and origin of stress-induced leakage current in thin silicon dioxide films 2272
Kimura, M., Yamagishi, H. Application of a vertical magnetic field to FZ growth of silicon single crystals 52602
Kimura, M. *see* Hazeyama, I. 10944
Kimura, M. *see* Hino, T. 27146
Kimura, M. *see* Iino, E. 52591
Kimura, M. *see* Iino, E. 52592
Kimura, M. *see* Ikuina, K. 41707
Kimura, M. *see* Katsumoto, S. 23403
Kimura, M. *see* Kudoh, T. 37638
Kimura, M. *see* Qin, Z. 10780
Kimura, M. *see* Saito, H. 25675
Kimura, M. *see* Segawa, M. 27654
Kimura, M. *see* Shibata, S. 31653
Kimura, M. *see* Udono, H. 12247
Kimura, M. *see* Yamashiro, S. 38312
Kimura, M. *see* Yeom, H.W. 2253
Kimura, N. *see* Ando, H. 29748
Kimura, N. *see* Kim, S.W. 43864
Kimura, N. *see* Kurata, K. 26914
Kimura, N. *see* Morizane, T. 51121
Kimura, R., Ono, T., Kida, M., Inoue, M., Takahashi, K., Matsuzawa, T. Structural study of ZnS/ZnSe strained layer superlattice grown by molecular beam epitaxy 14110
Kimura, S., Higuchi, T., Ouchi, Y., Uda, E., Nakamura, O., Sudo, T., Koyama, K. Emission characteristics of dispenser cathodes with a fine-grained tungsten top layer 53907
Kimura, S., Imai, Y. 0-40 GHz GaAs MESFET distributed baseband amplifier ICs for high-speed optical transmission 11723
Kimura, S., Imai, Y., Miyamoto, Y. A 0-to-40-GHz direct-coupled distributed baseband amplifier IC with SCFL interface 11741
Kimura, S., Imai, Y., Yamaguchi, S., Onodera, K. 0-56 GHz GaAs MESFET gate-line-division distributed baseband amplifier IC with 3D transmission lines 21951
Kimura, S., Ito, T., Tabakomori, M., Okamoto, Y., Ikoma, H. Si oxynitridation with helicon-wave excited nitrogen plasma: effects of plasma divergence and concentration on substrates 54373
Kimura, S., Okuyama, T., Tsuchiya, S., Takahashi, T., Suzuki, Y., Arimoto, Y. Experiment on antenna assembling mechanism on ETS-VII–ground test on assembling mechanism and teleoperation system 56181
Kimura, S., Ueno, H., Matsuda, I., Itoh, S. Motion compensation based on variable-size and variable-shape blocks 46096
Kimura, S., Yachida, M. Estimation of the degree of human facial expression 25792
Kimura, S. *see* Harada, K. 12700
Kimura, S. *see* Hisamoto, D. 1724
Kimura, S. *see* Hongbing Chen 26098
Kimura, S. *see* Ikari, A. 10666
Kimura, S. *see* Isoda, S. 60090
Kimura, S. *see* Itoh, K. 1387
Kimura, S. *see* Itoh, K. 53290
Kimura, S. *see* Katsumata, H. 2314
Kimura, S. *see* Katsumata, H. 31930
Kimura, S. *see* Kawasumi, Y. 12627
Kimura, S. *see* Laina Ma 13843
Kimura, S. *see* Murakami, E. 43024
Kimura, S. *see* Okamoto, Y. 42533
Kimura, S. *see* Ono, H. 22514
Kimura, S. *see* Pibulyarojana, K. 35877
Kimura, S. *see* Shibata, T. 11416
Kimura, S. *see* Shima, T. 12445
Kimura, S. *see* Shima, T. 12652
Kimura, S. *see* Shima, T. 12696
Kimura, S. *see* Shima, T. 32123
Kimura, S. *see* Taguchi, M. 26565
Kimura, S. *see* Tanimura, E. 60529
Kimura, S. *see* Umeda, K. 43087
Kimura, T. A transform-free approximation for the finite capacity M/G/s queue 21030
Kimura, T. A study on deleting the narrow-band characteristics of ultrasonic transducer for improvement of axial resolution 60115
Kimura, T., Asaka, T. Leaky-bucket-with-gate algorithm for connection-setup congestion control in multimedia networks 58013
Kimura, T., Harunami, T., Konma, N., Saitoh, K. Diagnostic methods for GIS-insulated switchgear insulation using external antenna 29458
Kimura, T., Kreischer, K.E., Temkin, R.J. Initial operation of a 1 MW, 170 GHz gyrotron with an internal mode converter 12099
Kimura, T., Sota, Y., Fujita, K., Kada, M. Development of chip size package 20905
Kimura, T., Yuasa, Y., Noda, M., Aota, H. Optimum combustion guidance system for coal-fired power plants 60541
Kimura, T. *see* Ishimura, E. 26840
Kimura, T. *see* Kizawa, T. 58251
Kimura, T. *see* Kodama, J. 11992
Kimura, T. *see* Koike, H. 2999
Kimura, T. *see* Matsuda, T. 18282
Kimura, T. *see* Matsumura, M. 13869
Kimura, T. *see* Murakami, T. 49064
Kimura, T. *see* Nitta, Y. 43141
Kimura, T. *see* Shima, A. 44499
Kimura, T. *see* Shiomi, H. 12296
Kimura, T. *see* Takaishi, W. 45503
Kimura, T. *see* Tanaka, K. 1852
Kimura, T. *see* Tanaka, K. 53838
Kimura, W.D. *see* Liu, Y. 18017
Kimura, Y. *see* Ando, T. 54009
Kimura, Y. *see* Fujino, T. 22740
Kimura, Y. *see* Hirokawa, J. 35935
Kimura, Y. *see* Hosoyama, K. 49159
Kimura, Y. *see* Hosoyama, K. 49160
Kimura, Y. *see* Okamura, S. 36481
Kimura, Y. *see* Shiozawa, T. 14200
Kimura, Y. *see* Takeda, K. 55391
Kimura, Y. *see* Togawa, T. 18188
Kimuro, Y., Nagata, T. A hexagonal chain code using a spherical hexagonal image 15470
Kin Chan Chun *see* Chun Kin Chan
Kin Chung Mak, Luong, H.C. A MOS analog mixer using a cross-coupled pair with source followers 53078
Kin Lau Chee *see* Lau Chee Kin
Kin Man Yu, Lei Wang, Walukiewicz, W. The effects of synchrotron X-rays on the local structure and the recrystallization of ion damaged Si 54036
Kin Min-Huei *see* Min-Huei Kin
Kin-Hung Wong *see* Chao Ye 13987
Kin-Lu Wong, Shan-Cheng Pan Compact triangular microstrip antenna 45396

Kin-Lu Wong, Wen-Shan Chen Compact microstrip antenna with dual-frequency operation 56152
Kin-Lu Wong *see* Hsin-Cheng Su 31472
Kin-Lu Wong *see* Hsin-Cheng Su 56110
Kin-Lu Wong *see* Jin-Sen Chen 34257
Kin-Lu Wong *see* Jui-Han Lu 11662
Kin-Lu Wong *see* Jui-Han Lu 34177
Kin-Lung Chan, Alhargan, F.A., Judah, S.R. A quadrature-hybrid design using a four-port elliptic patch 41400
Kin-Man Lam, Hong Yan An improved method for locating and extracting the eye in human face images 5613
Kin-Pong Chik *see* Chao Ye 13987
Kin-Tu Wong *see* Hsin-Cheng Su 14677
Kina, H., Tamura, Y., Yamada, Y., Maruta, Y. The characteristics of SrS:Ce thin film electroluminescent devices 33284
Kina, H., Yamada, Y., Maruta, Y., Tamura, Y. ZnS:Mn thin-film electroluminescent devices prepared by metalorganic chemical vapor deposition 12244
Kina, Y. *see* Noborikawa, M. 57433
Kinahan, P.E. *see* Bailey, D.L. 28232
Kinahan, P.E. *see* Defrise, M. 49502
Kinane, B. Distributing public network management systems using CORBA 5972
Kinane, B., Waters, M., Bergstrom, D. Dynamic service management using CORBA 26032
Kinard, J.R., Lipe, T.E., Childers, C.B., Novotny, D.B., De-Xiang Huang High-current thin film multijunction thermal converters and multi-converter modules 27360
Kinard, J.R., Novotny, D.B., Lipe, T.E., De-Xiang Huang Development of thin-film multijunction thermal converters at NIST 27491
Kinawy, A.M. *see* Shokralla, S.S. 51025
Kincaid, B.E. *see* McConaghy, C. 3454
Kincaid, R.W., Bourham, M.A., Gilligan, J.G. Plasma gun pellet acceleration modeling and experiment 24387
Kincaid, T.G. *see* Yugang Fang 1654
Kincses, Z. *see* Gottwald, P. 54389
Kincses, Z.S. *see* Kovacs, B. 32237
Kind, D. Accurate measurements over wide parameter ranges–a typical problem in industrial metrology and research 13258
Kindahl, M. *see* Abdulla, P.A. 46732
Kindelan, M. *see* Kastrup, J. 42173
Kindelan, M. *see* Wacker, A. 42172
Kinder, D. *see* Stone, R.J. 42206
Kinder, R., Hulenyi, L., Mika, F. Determination of the depth of shallow implanted p+-n junctions by the four-point probe method 22307
Kinder, S.H., McSweeney, S.M., Duke, E.M.H. PXGEN: a general-purpose graphical user interface for protein crystallography experimental control and data acquisition 48385
Kinderman, R. *see* Hylton, J.D. 32191
Kinderman, R. *see* Hylton, J.D. 51562
Kindermann, M.R., Wilson, A.R., Arnott, D.R. A multiple constant displacement-rate tensile testing machine 52877
Kindratenko, V.V., van Espen, P.J.M. Classification of irregularly shaped micro-objects using complex Fourier descriptors 5383
Kindred, D., Wing, J.M. Fast, automatic checking of security protocols 46717
Kindscher, K. *see* Jakubauskas, M.E. 8559
Kindt, S., Obermann, K., Petermann, K. BER degradation clue to turn-on jitter in optical interconnects 13898
Kindt, S. *see* Koltchanov, I. 3861
Kindt, S. *see* Obermann, K. 33544
Kindt, S. *see* Obermann, K. 48021
Kindyak, V.V. *see* Gremenok, V.F. 22292
Kinell, D.K. *see* Lum, G.K. 22995
King, A., Sivaloganathan, S. A mathematical model to determine design parameters that "cause" wheelchair instability 49804
King, A.D. Inertial navigation–past, present, and future 59953
King, A.J., Rojhantalab, H., Troness, D.A. Use of goal modeling and reliability engineering tools to accelerate availability improvement in new equipment development 30167
King, A.J. *see* Wille, V. 35962
King, B.E. *see* Wineland, D.J. 48291
King, B.F. *see* Yi Wang 7986
King, B.M. *see* Neifeld, M.A. 3329
King, C., Benz, M., Grey, D., Mantone, A., Murray, M. Strain studies on superconducting Nb_3Sn tape using differential thermal contraction and other methods 55109
King, C., Herd, K., Laskaris, T., Mantone, A. Evaluation of a strengthening and insulation system for high temperature BSCCO-2223 superconducting tape 55085
King, C. *see* Camec, C. 49987
King, C. *see* Lay, K.W. 60690
King, C.N. Electroluminescence: an industry perspective 17654
King, C.N., Schaus, C.F. Electroluminescent displays 7499
King, C.R., Lin, L.Y., Wu, M.C. Out-of-plane refractive microlens for freespace integrated optics 32572
King, D. *see* Bogart, C.D. 28720
King, D. *see* Burdess, J.S. 27550
King, D. *see* Osterwald, C.R. 39167
King, D. *see* Wang, T.H. 30760
King, D.A. *see* Mitrelias, T. 18958
King, D.E. *see* Palmer, T.A. 28530
King, D.L., Dudley, J.K., Boyson, W.E. PVSIMc: a simulation program for photovoltaic cells, modules, and arrays 39174
King, D.L., Eckert, P.E. Characterizing (rating) the performance of large photovoltaic arrays for all operating conditions 51587
King, D.L. *see* Green, M.A. 20028
King, D.L. *see* Green, M.A. 51605
King, D.L. *see* Zhao, J.-H. 39159
King, D.O. *see* Ward, M.C.L. 27545
King, D.W. *see* Park, Y.D. 49587
King, E. The visual representation of data has impact everywhere 46339
King, E.E. *see* Coons, E.M. 32375
King, G. *see* Hu, Z. 1597
King, I., Lei Xu Using global PCA generated receptive fields for face recognition 57528
King, I. *see* Ping-Fu Fung 5405
King, J. Intermodulation in coaxial connectors 22015
King, J.P., Hardcastle, I., Harvey, H.J., Greene, P.D., Shaw, B.J., Jones, M.G., Forbes, D.J., Wright, M.C. Polarisation independent 20 Gbit/s soliton data transmission over 12500 km using amplitude and phase modulation soliton transmission control 16750
King, L., Krueger, J.W., Forrest, L. The task: define a process for notebook product development 41216
King, M. *see* Yong Qiang Li 23020
King, M.A. *see* Dershan Luo 28231
King, M.A. *see* Pretorius, P.H. 28237
King, M.A. *see* Soares, E.J. 28230
King, N.J. Mobile roaming between private wireless networks 47789
King, O. *see* Johnson, F.G. 55712
King, O. *see* Jordan, R.H. 44598
King, O. *see* Porkolab, G.A. 22565
King, O. *see* Porkolab, G.A. 44247
King, P. *see* Qing Hang Li 18219
King, P.J. *see* Linehan, R.D. 57778
King, R.L. Learning how to use the Internet and Web resources 47180
King, R.M., Faas, M.D., Kirk, C. Retrofit that old motor control center–an alternate to replacement 51884
King, R.R. *see* Gee, J.M. 39193
King, R.R. *see* Mitchell, K.W. 39000
King, R.W. Speech signal analysis, synthesis and recognition exercises using MATLAB 52051
King, R.W. *see* Suhuai Luo 46155
King, R.W.P. Directional VLF antenna for communicating with submarines 34274
King, R.W.P. Electromagnetic field in human body due to VLF transmitter 37901
King, R.W.P., Harrison, C.W., Jr., Houdzoumis, V.A. Electromagnetic field in the sea due to an omnidirectional VLF antenna 34273
King, R.W.P., Sandler, S.S. Response to remarks by J.R. Wait on the comments and reply to "The electromagnetic field of a vertical electric dipole over the Earth or sea" 34039
King, S.M. *see* Wei, J. 58664
King, S.W., Smith, L.L., Barnak, J.P., Ja-Hum Ku, Christman, J.A., Benjamin, M.C., Bremser, M.D., Nemanich, R.J., Davis, R.F. Ex situ and in situ methods for oxide and carbon removal from AlN and GaN surfaces 12781
King, S.W. *see* Benjamin, M.C. 780
King, T., Xu, W. The design and characteristics of piezomotors using flexure-hinged displacement amplifiers 32753
King, T.A. *see* Dickinson, M.R. 3738
King, T.A. *see* Gloster, L.A.W. 3782
King, T.G. *see* Chan, F.M.M. 48885
King, T.G. *see* Yazdi, H.R. 35150
King, T.J. *see* Cheng, E. 12947
King, T.J. *see* Tong, H.Y. 40493
King, T.L., Dharamshi, R., Kim, K., Zhang, J., Tompkins, M.W., Anderson, M.A., Feng, Q. Development and implementation of a rail current optimization program 33900
King, W.D. *see* Kachwalla, Z. 22884
King, W.E., Drayer, T.H., Conners, R.W., Araman, P. Using MORRPH in an industrial machine vision system 25484
King, Y.-C. *see* Fujioka, H. 42342
King Tsu-Jae *see* Tsu-Jae King
King Ya-Chin *see* Ya-Chin King
King-Fai Lam, Cheung-Fat Chan Interpolating V/UV mixture functions of a harmonic model for concatenative speech synthesis 14943
King-Jet Tseng, Chen, G.H. Computer-aided design and analysis of direct-driven wheel motor drive 61282
King-Jet Tseng, Yaoming Wang, Vilathgamuwa, D.M. An experimentally verified hybrid Cassie-Mayr electric arc model for power electronics simulations 53035
King-Shun Lam *see* Chao Ye 13987
King-Yin Cheung, T., Hellestrand, G., Kanthamanon, P. A transformational codesign methodology 41074
King-Yuen Ng A study of the Autin-Wildner IR scheme 17936
King-Yuen Ng Beam stability issues in a quasi-isochronous muon collider 17939
King-Yuen Ng Potential-well distortion and mode-mixing instability in proton machines 49241
King-Yuen Ng *see* Johnstone, C. 17934
King-Yuen Ng *see* Johnstone, C. 18007
Kinget, P. *see* Crols, J. 1731
Kinget, P.R., Steyaert, M.S.J. A 1-GHz CMOS up-conversion mixer 40959
Kingon, A.I. *see* Thomas, D. 52674
Kingon, A.I. *see* Vellaikal, M. 32657
Kingon, A.I. *see* Werner, S. 10899
Kingsbury, B. *see* Wawrzynek, J. 53323
Kingsbury, N. *see* Magarey, J. 25443
Kingsbury, N. *see* Magarey, J. 25690
Kingsbury, N. *see* Magarey, J. 57028
Kingsbury, N. *see* Swann, R. 57444
Kingsbury, N.G. *see* Redmill, D.W. 46498
Kingsep, A.S. *see* Dolgachev, G.I. 19899
Kingsland, D.M. *see* Jo-Yu Wu 24435
Kingsley, L.E. *see* Borovina, D.L. 51403
Kingsley, L.E. *see* Davanloo, F. 51266
Kingsley, S.P. *see* Parrot, M. 48197
Kingsley, S.P. *see* Wyatt, L.R. 50151
Kinjo, A. *see* Haruta, R. 10155
Kinjo, H., Tamaki, S., Yamamoto, T. Linearized adaptive filter for a nonlinear system using neural network based on the extended Kalman filter 56513
Kinjo, H. *see* Senjyu, T. 9403
Kinjo, H. *see* Senjyu, T. 38806
Kinjo, S. *see* Higa, Y. 4817
Kinjo, S. *see* Higa, Y. 15395
Kinjo, S. *see* Suzuki, K. 53436
Kinjo, T. *see* Yamashita, K. 31373
Kinjyo, H. *see* Yamashita, K. 34714
Kinkead, A.K. *see* Gold, S.H. 7720
Kinkel, J.E., Thomas, M. Estimation of vehicle dynamic and static parameters from magnetometer data 28565
Kinley, H. Testing repeater sensitivity degradation 47697
Kinnaert, M. *see* Youssouf, A. 30373
Kinniment, D.J. Teaching in half the time: how the EDEC consortium intends to use computer based learning techniques for electronics design 9866
Kinniment, D.J. *see* Yakovlev, A.V. 21582
Kinnison, J. *see* LaBel, K.A. 21696
Kinnison, J. *see* LaBel, K.A. 43327
Kinnison, W. *see* Bauer, C. 37326
Kinnison, W.W. *see* Lee, D.M. 59268
Kinnison, W.W. *see* Morris, C.L. 946
Kinnunen, H.O. *see* Tikkanen, P.E. 49602
Kinnunen, J. *see* Tiihonen, P. 59694
Kino, G.S. *see* Liu, A.C. 23528
Kino, G.S. *see* Studenmund, W.R. 36949
Kino, I. Queueing networks with hierarchical configuration of active and passive stations 21033
Kino, Y. *see* Hara, T. 12759
Kino, Y. *see* Kitamura, T. 2422
Kinoh, H. *see* Ohgi, T. 17070
Kinohara, S. *see* Kubozono, R. 16411
Kinosada, Y., Okuda, Y., Itou, T., Hattori, T., Nakagawa, T. Clinical advantages of three dimensional cine cardiac images 7949
Kinoshita, A. *see* Kozaru, K. 53297
Kinoshita, C. *see* Shiiyama, K. 36838
Kinoshita, G., Makita, N., Idesawa, M. Development of optical proximity sensor: ORANGES system–optical range sensor with circular scanning 27471
Kinoshita, G. *see* Osumi, H. 27928
Kinoshita, H., Asai, H. An efficient approach for finding all solutions based on submatrix estimation 31073
Kinoshita, H. *see* Nishio, S. 40635
Kinoshita, H. *see* Okada, T. 22658
Kinoshita, H. *see* Yamashiro, S. 38312
Kinoshita, H. *see* Yata, S. 11765
Kinoshita, J. *see* Nakamura, Y. 27830
Kinoshita, K., Takine, T., Murakami, K., Terada, H. Holonic network: a new network architecture for personalized multimedia communications based on autonomous routing 47356
Kinoshita, K., Yamamoto, K., Ohmura, M. Development of the simulation program for the heat storage floor heating system "Attakai" 20237
Kinoshita, K. *see* Higami, Y. 53125
Kinoshita, K. *see* Ichihara, H. 11406
Kinoshita, K. *see* Itazaki, N. 21647
Kinoshita, K. *see* Kajihara, S. 11290
Kinoshita, K. *see* Kajihara, S. 53217
Kinoshita, K. *see* Mizuno, A. 38107
Kinoshita, K. *see* Saito, T. 16396
Kinoshita, K. *see* Shinohara, K. 7950
Kinoshita, K. *see* Sivertz, M. 37456
Kinoshita, K. *see* Ueda, H. 11405
Kinoshita, K. *see* Wen Xiaoqing 21653
Kinoshita, K. *see* Xiaoqing, W. 11412
Kinoshita, K. *see* Yoshikawa, A. 11403
Kinoshita, M. *see* Kobayashi, J. 13714
Kinoshita, M. *see* Kobayashi, K. 41261
Kinoshita, M. *see* Takeda, M. 35235
Kinoshita, M. *see* Takiya, T. 27991
Kinoshita, S., Ikenouchi, K. Chemical inventory management system 10028
Kinoshita, S., Onaka, H., Chikama, T. Wideband Er-doped fiber amplifiers for WDM systems and their applications to ultra large capacity optical transmission experiments 44390
Kinoshita, S. *see* Iga, K. 21236
Kinoshita, S. *see* Ishii, Y. 11892

Kinoshita, S. *see* Ishii, Y. 11898
Kinoshita, T. Fine structure constant obtained from an improved calculation of the electron g-2 17192
Kinoshita, T., Hane, M., McVittie, J.P. Process dependence of notching: simulation of topography dependent charging with sheath oscillation effect 54466
Kinoshita, T., Shawming Ma, Hane, M., McVittie, J.P. Effects of ion energy distribution on topography dependent charging 2362
Kinoshita, T. *see* Kashino, K. 15154
Kinoshita, T. *see* Shiratori, N. 47003
Kinoshita, Y. *see* Imai, K. 2806
Kinoshita, Y. *see* Madihian, M. 11722
Kinoshita, Y. *see* Madihian, M. 41509
Kinoshita, Y. *see* Yahata, H. 53296
Kinoshita, Y. *see* Yamazaki, T. 2847
Kinouchi, Y., Tasaka, T., Yamaguchi, H. Effects of extremely low frequency electromagnetic fields for ions in solutions – a cyclotron resonance and its threshold 44873
Kinouchi, Y. *see* He, J. 18402
Kinouchi, Y. *see* Hirano, M. 47303
Kinouchi, Y. *see* Inoue, T. 45857
Kinouchi, Y. *see* Pan, A.-W. 18227
Kinouchi, Y. *see* Tanimoto, S. 47440
Kinowski, D., Guglielmi, M. Multimode network representations for the scattering by an array of thick parallel plates 55989
Kinross-Wright, J.M. *see* Carlsten, B.E. 17986
Kinsella, L. *see* Fannin, P.C. 43605
Kinser, D.L. *see* Kang, W.P. 13175
Kinser, J. *see* Simmons, P. 24994
Kinser, J.M. Object isolation using a pulse-coupled neural network 25524
Kinser, J.M., Caulfield, H.J., Johnson, J.L. Synergistic pulse coupled neural network pattern recognition 25655
Kinser, J.M., Johnson, J.L. Object isolation 25652
Kinser, J.M., Johnson, J.L. Stabilized input with a feedback pulse-coupled neural network 44136
Kinsey, B. *see* Koval, T. 39213
Kinsho, M. *see* Sato, H. 59166
Kinsner, W., Chen, H. Estimating multifractal measures of strange attractors 15170
Kinsner, W. *see* Bal, S. 15497
Kinsner, W. *see* Dansereau, R. 15740
Kinsner, W. *see* Gerhard, D.B. 15496
Kinsner, W. *see* Langi, A. 15168
Kinsner, W. *see* Langi, A. 15739
Kinsner, W. *see* Mo, F. 19067
Kinsner, W. *see* Rueda, A. 16002
Kinsner, W. *see* Toonstra, J. 16534
Kinsner, W. *see* Vera, E. 14874
Kinson, A.S. The effect of system faults on generating plant 19673
Kintaka, K., Fujimura, M., Suhara, T., Nishihara, H. Efficient ultraviolet light generation by $LiNbO_3$ waveguide first-order quasi-phase-matched second-harmonic generation devices 14262
Kintaka, K. *see* Fujimura, M. 44690
Kinugasa, S. *see* Tanaka, S. 58800
Kinugawa, M. *see* Akasaka, Y. 2429
Kinugawa, M. *see* Bidermann, W. 1069
Kinugawa, M. *see* Igarashi, H. 2798
Kinugawa, M. *see* Kuroda, T. 5023
Kinugawa, M. *see* Nishigohri, M. 43077
Kinugawa, M. *see* Oyamatsu, H. 22962
Kinugawa, T. *see* Yamamoto, T. 27537
Kinukawa, N. *see* Ninomiya, H. 59634
Kinzer, R.L. *see* Kroeger, R.A. 59363
Kinzy Jones, W., Liu, Y.Q., Zampino, M.A., Gonzalez, G.L. The at-temperature mechanical properties of lead-tin based alloys 52891
Kioi, K. Reversible computing realizing ultimate low power LSI system 21602
Kioseoglou, G., Haetty, J., Chang, H.C., Luo, H., Petrou, A., Schmiedel, T., Hawrylak, P. Magnetoluminescence study of n-type modulation-doped $ZnSe/Zn_2Cd_{1-x}Se$ quantum-well structures 41959
Kipchatov, A.A. *see* Andrushkevich, A.V. 31140
Kipnis, A.M., Krasnovskii, B.A. Pneumatic pressure calibrators 27415
Kipnis, A.M. *see* Aristov, P.A. 17276
Kipnis, I. *see* DeWitt, J. 59243
Kipnis, I. *see* Marchesini, R. 59447
Kipnis, I. *see* Sadrozinski, H.F.W. 37399
Kipnis, I. *see* Turner, T.O. 59361
Kipnis, I. *see* Unno, Y. 37395
Kipp, L. *see* Gawlik, K.-U. 54081
Kipp, R. *see* Jian-Ming Jin 24590
Kippelen, B., Shaheen, S.E., Morrell, M.M., Guerreiro, P.T., Peyhambarian, N., Allemand, P.M. Electroluminescence in an organic polymer channel waveguide 3406
Kippelen, B. *see* Javidi, B. 7398
Kippelen, B. *see* Meerholz, K. 32973
Kippelen, B. *see* Volodin, B.L. 4103
Kippelen, B. *see* Volodin, B.L. 4449
Kippelen, B. *see* Volodin, B.L. 5540
Kippelen, B. *see* Volodin, B.L. 14453
Kira, M. Real space studies of quantum dynamic phenomena in semiconductor heterostructures 12428
Kira, M., Jahnke, F., Koch, S.W. Ultrashort pulse propagation effects in semiconductor microcavities 54231
Kirac, A., Vaidyanathan, P.P. Dithering in lattice quantization 15180
Kirac, A., Vaidyanathan, P.P. Results on lattice vector quantization with dithering 15977
Kirac, A. *see* Vaidyanathan, P.P. 56533
Kiranon, W., Kesorn, J., Sangpisit, W., Kamprasert, N. Electronically tunable multifunctional translinear-C filter and oscillator 41316
Kirbie, H.C. *see* Friedman, A. 59103
Kirbie, H.C. *see* Newton, M.A. 59105
Kirby, K.W., Kimura, H. Rapid evaluation processes for candidate CO and HC sensor materials; examination of SnO_2, Co_3O_4, and $Cu_xMn_{3-x}O_4$ ($1<x\leqslant1.5$) 7474
Kirby, M.C. The consequences of fixed-pattern noise and image movement on electronic portal images 8002
Kirby, N., Stenning, P. Sculptured flexible circuits 11942
Kirby, P.B., Bland, T., Wright, R. Thin film piezoelectric layers for sensing and actuation in microstructures 23095
Kirby, R.D., Shen, J.X., Wierman, K.W., Jian Chen, Robertson, B.W., Sellmyer, D.J. Nanostructured magneto-optic films and multilayers 55046
Kirby-Gallagher, L.M. *see* Allison, W.W.M. 37269
Kircanski, N.M., Goldenberg, A.A. An experimental study of nonlinear stiffness, hysteresis, and friction effects in robot joints with harmonic drives and torque sensors 59038
Kirchauer, H., Selberherr, S. Three-dimensional photoresist exposure and development simulation 12843
Kirchberger, T. *see* Meerholz, K. 24231
Kircher, F. *see* Rey, J.M. 49267
Kircher, J.R., Cornell, M.C. The design and calibration of the steerable laser projector [for hardware-in-the-loop simulation] 28510
Kircher, J.R. *see* Thompson, R.A. 28533
Kirchesch, P. *see* Schlemper, H.-D. 19919
Kirchgessner, J. *see* Befomestnykh, S. 49247
Kirchgessner, J. *see* Hartung, W. 49248
Kirchherr, R. *see* Stegmann, J. 34661
Kirchhoff, M., Ilg, M., Cote, D. Application of borophosphosilicate glass (BPSG) in microelectronic processing 54317
Kirchmann, S. The glass office [fibre-to-the-desk] 16436
Kirchmayr, H. *see* Bauer, P. 48848
Kirchmayr, H.R. Permanent magnets and hard magnetic materials 13424
Kirchner, A.T. *see* Maude, C.W. 9110
Kirchner, C. *see* Jansen, W. 27027
Kirchner, D. *see* Davis, J.A. 36360
Kirchner, M. *see* Tippmann, M. 38367
Kirchner, R.F., Burns, E.T., Lee, L.K. Evaluation of Nine Mile Point Unit 2 RFO 3 using RISKMAN and ORAM 38487
Kirchner, T.L. Narrow band radio extends your communications reach 47553
Kirchnerova, J., Bale, C.W., Skeaff, J.M. Potentiometric gaseous sulfur sensor based on silver beta-alumina solid electrolyte 48737
Kirchsteiger, C. RAMA–a software tool to continuously and consistently collect and analyse equipment reliability data 7156
Kirczenow, G. *see* Geller, M.R. 42103
Kireenkov, A.A. An electric model of the hemispherical resonator gyro (HRG) 17278
Kireev, A.N. *see* Gubin, M.A. 7129
Kirgetov, A.V. *see* Gilman, M.A. 28646
Kiriakov, V.K. *see* Tsvetkov, Yu.P. 38069
Kirichenko, A.F. *see* Oelze, B. 31211
Kirichenko, O. *see* Kulchin, Y. 25261
Kirichenko, O. *see* Kulchin, Yu. 50005
Kirichenko, O.V. *see* Kulchin, Y.N. 48586
Kirichenko, O.V. *see* Kulchin, Y.N. 58821
Kirichenko, V.A. *see* Lutsenko, V.I. 27076
Kirichko, A.I. *see* Andreev, M.V. 40727
Kiridena, V.S. *see* Ebenstein, S.E. 337
Kiriha, Y. Real-time MIB: Implementation and evaluation 35640
Kirihara, A. *see* Cho, Y. 32684
Kirihara, M., Taniguchi, K. Monte Carlo simulation for single electron circuits 41080
Kirihata, H. *see* Takahashi, Y. 12921
Kirihata, T. *see* Wong, H. 1417
Kirii, A., Tzanov, T., Assenov, A. Design of systems to control the heat capacity of the heat supply systems using simulation models 50379
Kirii, H. *see* Tanaka, H. 31585
Kiriki, T. *see* Hasegawa, T. 27904
Kirilenko, A., Rud', L., Senkevich, S., Tkachenko, V. Some electromagnetic aspects of microwave filter design 41409
Kirilenko, A.A. *see* Belous, O.L. 53995
Kirillov, A.E. *see* Helvas, A.V. 35156
Kirillov, I.A. *see* Ivanov, A.B. 19265
Kirillov, P.L. *see* Bobkov, V.P. 38506
Kirillova, L.N. *see* Gavrik, V.V. 56601
Kirillova, S.I. *see* Venger, E.F. 32076
Kirillova, T.A. *see* Sadygov, Z.Y. 37296
Kirilyuk, A., Giergiel, J., Shen, J., Kirschner, J. On the Barkhausen volume in ultrathin magnetic films with perpendicular anisotropy 3154
Kirimoto, T. *see* Hara, T. 36249
Kirimoto, T. *see* Hirata, K. 45358
Kirino, F., Ohotomo, S., Koiso, N. Influence of Ta/C ratio on corrosion resistance of Al doped Fe-Ta-C magnetic thin films 21376
Kirino, H. *see* Lei Zhu 34449
Kirita, S. *see* Sato, T. 19544
Kiriyama, H., Yoshida, T., Yamanaka, M., Izawa, Y., Yamanaka, T., Nakai, S., Yamanaka, C. High-sensitivity two-dimensional observation of thermal birefringence in the laser-diode pumped solid-state lasers 55565
Kiriyama, T. *see* Moore, D.F. 23096
Kiriyanov, V.I. *see* Bravy, B.G. 44363
Kirjner-Neto, C. *see* Shahruz, S.M. 11750
Kirk, A., Thienpont, H., Baukens, V., Debaes, N., Gouler, A., Heremans, P., Kuijk, M., Borghs, G., Vounckx, R., Veretennicoff, I. Demonstration of parallel optical data input for arrays of PnpN optical thyristors 55360
Kirk, A. *see* Tjoelker, R.L. 27324
Kirk, A.F. *see* Hagen, J.Q.W. 51303
Kirk, A.W. *see* Ward, W.W. 1811
Kirk, C. *see* King, R.M. 51884
Kirk, D.W., Thorpe, S.J., Suzuki, H. Ni-base amorphous alloys as electrocatalysts for alkaline water electrolysis 61068
Kirk, H. *see* Bondarenko, I. 32083
Kirk, H. *see* Palmer, R.B. 17924
Kirk, H. *see* Palmer, R.B. 17966
Kirk, H.G. *see* Fernow, R.C. 17931
Kirk, H.R., Radzimski, Z., Romanowski, A., Rozgonyi, G.A. Electron beam induced current imaging of silicon oxide damage due to reactive ion etching 11777
Kirk, J. *see* Farrell, T. 2500
Kirk, J.P., Brunner, T.A. Measurement of microlithography aerial image quality 2527
Kirk, R. *see* Romig, T. 12686
Kirk, W.P. *see* Clark, K.P. 54585
Kirkbride, J. *see* Hurn, M.A. 18275
Kirkby, P. *see* Ringler, K.G. 38426
Kirkhorn, T. *see* Albu, C. 37863
Kirkici, H. Optical emission characteristics of polycrystalline diamond during surface flashover in vacuum 23228
Kirkici, H. Surface flashover characteristics of diamond-like carbon thin films in vacuum 54883
Kirkland, L.V., Wright, R.G. The Neural Engineering of ATE 36387
Kirkland, L.V., Wright, R.G. Using neural networks to solve testing problems 36388
Kirkland, L.V. *see* Wright, R.G. 36391
Kirkman, C.S. Doing justice to the Web 6209
Kirkman, C.S. Digital sampling: lessons from rap music 27193
Kirkman, J. *see* Pandey, S.U. 37293
Kirkman, M. The use of simulation in the design of modern gas turbine control systems 49948
Kirkner, S. *see* Howard, E. 59874
Kirkner, S. *see* Howard, E.G. 18593
Kirkov, V. *see* Astadjov, D.N. 23748
Kirkov, V.K. *see* Astadjov, D.N. 55503
Kirkpatrick, A. *see* Weed, K. 1764
Kirkpatrick, D., Haugh, D. Launching tactically configured solid armature projectiles from large and medium calibre railguns–results from the DRA test programme 24405
Kirkpatrick, D. *see* Haugh, D. 24398
Kirkpatrick, D.A., Sangiovanni-Vincentelli, A.L. Digital sensitivity: predicting signal interaction using functional analysis 11362
Kirkwood, C.W. *see* Stonebraker, J.S. 20758
Kirkwood, H.P., Jr. *see* Whitehead, A. 26224
Kirkwood, R.K. *see* Enloe, C.L. 44912
Kirlin, R.L., Maranda, B.H. The effect of noise-only tracks on the performance of a combined detection and tracking algorithm 38163
Kirlin, R.L., Nabelek, J., Lin, G. Triaxial array separation of Rayleigh and Love waves 8417
Kirlin, R.L. *see* Blaabjerg, F. 29732
Kirlin, R.L. *see* Blaabjerg, F. 51687
Kirlin, R.L. *see* Caughey, D.A. 28662
Kirlin, R.L. *see* Robertson, G. 18779
Kirlin, R.L. *see* Trzynadlowski, A.M. 51191
Kirlinger, G. *see* Auzinger, W. 10513
Kirmse, K.H. *see* Hershkowitz, N. 12723
Kirn, T. *see* Alexeev, G. 59200
Kirn, T. *see* Auffray, E. 37281
Kirner, S. ISAR: a single chip solution for flexible data communication via ISDN, fax and modem 26400
Kirnura, I. *see* Nishio, K. 37467
Kiros, Y. Separation and permeability of zincate ions through membranes 29521
Kirpal, G., Gerhardt, M., Benndorf, G., Schwabe, R., Pietag, F., Pietzonka, I., Lippold, G., Wagner, G., Franzheld, R., Gottschalch, V. MOVPE growth and characterization of GaInAs(P) on (001) InP using diethyltertiarybutylarsine (DEtBAs) and tertiarybutylphosphine (TBP) as the group-V sources 40342
Kirpenko, A.G. *see* Kostishyn, V.G. 23345
Kirsanov, A.V., Yaravoi, V.V. Phase conjugation of a speckle-inhomogeneous beam by an Nd glass oscillator based on four-wave mixing with feedback 55807
Kirsanov, M. *see* Obodovski, I. 23117
Kirsch, A. *see* Juschke, A. 56120
Kirsch, J.C., Jones, B.K., Booth, J.J., Duffey, J.N., Loudin, J.A., Sloan, J.A. Optical aided target recognition system 38157
Kirsch, R. *see* Artru, X. 49308
Kirsch, R. *see* Gorbunov, A.A. 53815

Kirsch, R.F., Acosta, A.M., Perreault, E.J., Keith, M.W. Measurement of isometric elbow and shoulder moments: position-dependent strength of posterior deltoid-to-triceps muscle tendon transfer in tetraplegia 18216
Kirschen, D., Allan, R., Strbac, G. Contributions of individual generators to loads and flows 50355
Kirschner, H. A novel system constituting a technical breakthrough in the field of power factor control 50421
Kirschner, I., Laiho, R., Lahderanta, E., Bankuti, J. Low-T_c and high-T_c superconducting detectors for high pressure 59079
Kirschner, J. *see* Kirilyuk, A. 3154
Kirschner, M.J. *see* Adams, S.M. 41664
Kirschner, V., Schreiber, W., Notni, G., Kowarschik, R. Time-averaged speckle-interferometry for investigation and optimizing of electronic bond-tools 7419
Kirschning, I., Aoe, J.-I. Neural networks and the time-sliced paradigm for speech recognition 24815
Kirschvink, M. *see* Halbach, L. 20823
Kirshman, J.F. *see* Penzin, S.H. 29438
Kirstaedter, N. *see* Ledentsov, N.N. 2177
Kirstaedter, N. *see* Zaitsev, S.V. 44520
Kirste, T., Rauschenbach, U. A presentation model for mobile information visualization 16256
Kirste, T. *see* Encarnacao, J.L. 26241
Kirstein, B. *see* Fritzsche, B. 30588
Kirstein, B. *see* Fritzsche, B. 30589
Kirstein, O. *see* Krawczynski, H. 37287
Kirstein, P.T., Lewis, D., Hutton, A., Handley, M., Su, P. UCL experiences of higher speed working 6237
Kirsten, M. *see* Lange, P. 10693
Kirtley, J. Imaging magnetic fields 17748
Kirtley, J.L., Jr. *see* Lesieutre, B.C. 38770
Kirtley, J.L., Jr. *see* Tolikas, M. 29274
Kirton-Darling, F. *see* Gill, K.S. 19479
Kirtsch, J. *see* Gravier, T. 43351
Kirubarajan, T., Bar-Shalom, Y. Low observable target motion analysis using amplitude information 6989
Kiruluta, A.M., Ristic, V.M. Acousto-optic devices: application to the reconstruction of spatially sampled data in magnetic resonance imaging 37752
Kirwan, M.R. *see* Bogart, C.D. 28720
Kir'yanov, K.G., Kubyshkina, T.V., Akulov, V.V., Pashev, G.P. Evaluation of circuits for synchronization of electronic clocks with standard time and frequency signals 7609
Kiryati, N. *see* Gofman, Y. 5314
Kiryati, N. *see* Kimmel, R. 52493
Kiryati, N. *see* Sheinvald, J. 46326
Kiryukhin, A.D. *see* Voronkova, G.M. 12556
Kiryukhin, Yu.B. *see* Borisov, V.M. 44334
Kis-Sion, K. *see* Mohammed-Brahim, T. 52806
Kis-Sion, K. *see* Salaun, A.-C. 12985
Kisanuki, M. *see* Yoshizawa, M. 59797
Kisanuki, O. *see* Tanaka, T. 2968
Kisdi-Koszo, E. *see* Varga, L.K. 23294
Kise, K. *see* Marumoto, K. 22678
Kise, K. *see* Marumoto, K. 31263
Kiselev, A.V. *see* Ando, A. 7771
Kiselev, O.N. *see* Krutikov, M.V. 16963
Kiselev, S.M. *see* Akimov, V.A. 28024
Kiselev, V.A. *see* Fainberg, Ya.B. 22153
Kiselev, Yu.N. *see* Grigorenko, N.L. 30453
Kiseleva, E.I. *see* Zakhidov, R.A. 50861
Kiseliov, V.K., Kushta, T.M. A spherical scatterer inside a circular hollow dielectric waveguide 34165
Kiselman, C.O. Regularity properties of distance transformations in image analysis 5468
Kiselyov, B.S. *see* Mikaelian, A.L. 46113
Kish, F. *see* Moon-Ho Park 42252
Kishek, R., Lau, Y.Y., Chernin, D., Gilgenbach, R.M. Interaction of multipactor and RF circuit 53980
Kishek, R.A., Lan, Y.Y., Chernin, D. Steady state multipactor and dependence on material properties 31686
Kishi, A.M. *see* Boucher, D.J. 8447
Kishi, G. *see* Sakata, Y. 42481
Kishi, H. *see* Inomata, Y. 2937
Kishi, H. *see* Okamoto, H. 27110
Kishi, K. *see* Itaya, Y. 26909
Kishi, K. *see* Mawatari, H. 44469
Kishi, K. *see* Okamoto, H. 44283
Kishi, K. *see* Tadokoro, T. 44574
Kishi, K. *see* Wada, M. 44468
Kishi, K. *see* Yamamoto, N. 42574
Kishi, M. *see* Nishiwaki, S. 2938
Kishi, M. *see* Okuda, Y. 52298
Kishi, N., Sakauchi, M., Sano, T., Yamashita, E. Fiber-optic transceiver for optical time-domain reflectometers using an active fiber ring 55529
Kishi, S. *see* Okamura, H. 1264
Kishi, T. *see* Ihori, H. 27838
Kishi Teruo *see* Teruo Kishi
Kishida, A. *see* Koh, M. 2665
Kishida, H. *see* Naoe, M. 43439
Kishida, H. *see* Togashi, K. 43440
Kishida, H. *see* Urano, K. 32626
Kishida, H. *see* Vartiainen, E.M. 3981
Kishida, J., Rekeczky, C., Nishio, Y., Ushida, A. Feature extraction of postage stamps using an iterative approach of CNN 4957
Kishida, S. *see* Haba, B. 44834
Kishida, S. *see* Sugai, K. 54492
Kishida, S. *see* Sumi, H. 40575
Kishida, T., Kaito, T., Haraguchi, E., Morita, M., Fujiwara, Y., Kubo, Y., Nakamura, S., Yamada, T. A shell type superconducting transformer for experiments using Nb_3Sn superconducting cables 19787
Kishida, T. *see* Akiba, J. 47263
Kishida, T. *see* Haru, T. 26303
Kishida, T. *see* Kaito, T. 60830
Kishida, T. *see* Nitta, T. 60308
Kishida, T. *see* Suzuki, Y. 23005
Kishii, S., Nakamura, K., Ohiski, A., Okui, Y., Suzuki, R., Arimoto, Y. Wide feature dielectric planarization using MnO_2 slurry 2360
Kishii, S. *see* Nakamura, K. 54447
Kishimoto, C. *see* Kikushima, K. 26835
Kishimoto, C. *see* Kumozaki, K. 16777
Kishimoto, E. *see* Ogawa, Y. 16142
Kishimoto, H. *see* Oka, H. 18475
Kishimoto, K., Sagara, H., Inoue, H., Shibuya, T. Numerical analysis of thermoelastic contact problems by boundary element method 30301
Kishimoto, K. *see* Anno, H. 31927
Kishimoto, K. *see* Koyanagi, T. 31914
Kishimoto, M., Ukibe, M., Maehata, K., Katagiri, M., Ishibashi, K., Shimizu, H.M., Nakazawa, M., Kurakado, M., Nakashima, T. Characteristics of Nb/Al-AlO$_x$/Al/Nb tunnel junction for X-rays of 5 to 15 keV 23420
Kishimoto, N., Amekura, H., Kono, K., Saito, T. Radiation-resistant photoconductivity of doped silicon under 17 MeV proton bombardment 55394
Kishimoto, S. *see* Mizutani, T. 43138
Kishimoto, S. *see* Ohno, Y. 21565
Kishimoto, T., Kaneko, Y., Harada, A. Cooling characteristics of a small planar packaging system combined with card-on-board packaging for high-speed telecommunication systems 35878
Kishimoto, T., Nakamura, M., Kawauchi, M., Yasuda, K. Electrical and optical interconnections for high-speed telecommunication systems 35880
Kishimoto, T. *see* Anzai, H. 45242
Kishimoto, T. *see* Kaizu, K. 16507
Kishimoto, T. *see* Kaizu, K. 35559
Kishimoto, T. *see* Morimoto, W. 31696
Kishimoto, T. *see* Takai, M. 12609
Kishimoto, T. *see* Yamanaka, N. 16506
Kishimoto, W. *see* Takeuchi, M. 21419
Kishimoto, Y. 3-dimensional simulation model of Raman regime free-electron laser 24029
Kishimoto, Y., Sugimoto, H., Suzuki, R. A consideration on the human interface by schema 26069
Kishimoto, Y., Tajima, T., Fisher, D.L., Mima, K. Cooling and phase space control by using laser-undulator beat wave 17918
Kishimoto, Y. *see* Koga, J.K. 17919
Kishimoto, Y. *see* Minowa, M. 36582
Kishimoto, Y. *see* Okoshi, H. 10154
Kishimoto, Y. *see* Wakabayashi, S. 53211
Kishimura, S., Sakai, A.J., Tsujita, K., Matsui, Y. Effect of gaseous permeability of overcoat layer on KrF chemically amplified positive resists 32280
Kishine, K., Kobayashi, Y., Ichino, H. A high-speed, low-power bipolar digital circuit for Gb/s LSI's: current mirror control logic 21636
Kishinevsky, M. *see* Cortadella, J. 41109
Kishinevsky, M. *see* Yakovlev, A. 31200
Kishino, F. *see* Ebihara, K. 16375
Kishino, F. *see* Hata, K. 5107
Kishino, F. *see* Kitamura, Y. 15455
Kishino, F. *see* Nariyama, K. 15458
Kishino, F. *see* Nishimoto, K. 35787
Kishino, F. *see* Ohya, J. 5638
Kishino, F. *see* Shiwa, S. 17611
Kishino, F. *see* Yoshida, K. 15822
Kishino, K. *see* Nomura, I. 33577
Kishino, K. *see* Yoshizawa, M. 52689
Kishinski, K.P. *see* Anisimov, N.A. 57752
Kishio, K. *see* Takeya, J. 55090
Kishk, A. *see* Flodin, J. 34343
Kishk, A. *see* Kildal, P.-S. 34180
Kishk, A.A., Kildal, P.-S. Asymptotic boundary conditions for strip-loaded scatterers applied to circular dielectric cylinders under oblique incidence 24436
Kishk, A.A., Kildal, P.-S. Asymptotic boundary conditions for strip-loaded scatterers applied to circular dielectric cylinders under oblique incidence 33985
Kishk, A.A., Kildal, P.-S. An asymptotic boundary condition for corrugated surfaces and its application to calculate scattering from circular cylinders with dielectric filled corrugations 34025
Kishk, A.A. *see* Junker, G.P. 34267
Kishk, A.A. *see* Kildal, P.-S. 4219
Kishk, A.A. *see* Sipus, Z. 31467
Kishk, A.A. *see* Zhinong Ying 4351
Kishkovich, O.P., Joffe, M.A. Proposing an industry standard methodology for testing chemical air filters 42348
Kishore, B.R., Nanya, T. On concurrent error detection of asynchronous circuits using mixed-signal approach 41113
Kishore, N. *see* Bhatia, K.L. 54033
Kishore, N. *see* Singh, M. 54115
Kishore, N. *see* Singh, P. 54114
Kishore, N.N. *see* Datta, D. 11015
Kishore, R., Singh, S.N., Das, B.K. Hard antireflecting PECVD silicon nitride coatings on polycrystalline germanium 44192
Kisielewski, J. *see* Kaczmarek, S. 14030
Kisielewski, M., Maziewski, A., Stupakiewicz, A., Vertesy, G., Krolikowski, M. Observation of the magnetic aftereffect in $(YSmCa)_3(FeGe)_5O_{12}$ films 3174
Kisielewski, M. *see* Kleparski, V.G. 3172
Kisielowski, C. *see* Liliental-Weber, Z. 10621
Kisielowski, Ch. *see* Liliental-Weber, Z. 10804
Kisker, C. *see* Stowell, M.H.B. 18159
Kisker, D.W. *see* Guha, S. 10676
Kiskinova, M. *see* Almeida, J. 42268
Kiskinova, M. *see* Kolmakov, A. 42267
Kislenko, N.P. *see* Voskoboinikov, Yu.E. 15451
Kisling, K. 3D EM simulator sets new performance standard 33788
Kislinski, Yu. *see* Hu, Q.-H. 32914
Kislizkai, G.N. *see* Berkovski, A.G. 12123
Kislov, V.I. *see* Apollonov, V.V. 14046
Kislov, V.I. *see* Apollonov, V.V. 23892
Kislovski, A.S. Internal active parallel DC power-factor and line-current correctors 51207
Kislovski, A.S., Redl, R. Linear variable inductor in power-processing applications 51088
Kislyak, I.F. *see* Pal-Val, P.P. 23392
Kislyakov, A.G. Telethermometry of the human body for millimetre radio waves 37662
Kislyakov, G.A. *see* Kalinin, A.V. 56140
Kislyuk, V.V., Korsunskaya, N.E., Markevich, I.V., Pekar', G.S., Singaevskii, A.F., Sheinkman, M.K. Photosensitivity profile formation in bulk CdS single crystals by the action of an external electric field 12219
Kismereshkin, V.P., Budyak, V.S., Demidov, V.P., Lobova, G.N., Tomilov, N.I. Single-conductor wideband traveling-wave antenna 4372
Kismereshkin, V.P., Lobova, G.N. Linear antenna array fed by a single-wire transmission line 24603
Kiss, C.I., Nemeth, G., Chetverikov, D., Boroczky, L. On feature extraction for texture analysis 4919
Kiss, G. The PV infrastructure: architecture from houses to highways 19616
Kiss, L. *see* Moons, E. 26391
Kiss, L.B. Possible breakthrough: significant improvement of signal to noise ratio by stochastic resonance 25047
Kiss, L.B. *see* Gingl, Z. 10215
Kiss, Z.J. *see* Gabor, A.M. 39095
Kissa, K. *see* Betts, G.E. 44077
Kissa, K. *see* Jackel, J.L. 3496
Kissel, G. *see* Kia, T. 49844
Kisselev, Yu.F. *see* Van den Brandt, B. 37163
Kissenbeck, S. *see* Brummerhof, A. 49681
Kissinger, G. *see* Richter, H. 43207
Kission, P. *see* Jemai, A. 40800
Kisslo, J. *see* Drezek, R. 59530
Kist, K. *see* Badent, A. 23150
Kist, K. *see* Badent, R. 13275
Kist, K. *see* Badent, R. 23233
Kist, K. *see* Badent, R. 32690
Kist, K. *see* Lopatin, V. 32729
Kist, T.B.L. *see* Khoury, A.Z. 44321
Kistan, C. Multi media in education: emerging technology and our information gaps 26363
Kistenev, E.P. *see* Belikov, S.V. 28029
Kistenmacher, P., Schwab, A. The shielding effectiveness of coated, laminated and nested shields in a quasistatic magnetic field 33796
Kistenmacher, P., Schwab, A. Low-frequency shielding effectiveness of inhomogeneous enclosures 45192
Kistenmacher, P. *see* Schwab, A. 45420
Kistenmacher, T.J., Wickenden, D.K., Hawley, M.E., Leavitt, R.P. Effect of carrier gas on the surface morphology and mosaic dispersion for GaN films by low-pressure MOCVD 10893
Kistenmacher, T.J. *see* Givens, R.B. 7258
Kistenmacher, T.J. *see* Osiander, R. 17243
Kistenmaher, P. *see* Shwab, A. 24323
Kister, J. *see* Hamling, D.T. 53736
Kister, M. Saponification of traditional and non-traditional rosin residues 41667
Kisting, S.R. *see* Ida, Y. 12036
Kisting, S.R. *see* Strandjord, A.J. 12044
Kisu, T. *see* Shoji, K. 1356
Kit Wong Man *see* Man Kit Wong
Kita, E. *see* Iwase, H. 630
Kita, H. *see* Daeseok Rho 60371
Kita, H. *see* Jae-Eon Kim 28880
Kita, H. *see* Kai Zhang 41118
Kita, H. *see* Kuwayama, A. 38596
Kita, H. *see* Maekawa, S. 57531
Kita, H. *see* Shinogi, T. 21640
Kita, H. *see* Song-Keun Lee 28854
Kita, J. *see* Kobayashi, J. 13714
Kita, L., Fukui, Y., Nagata, M., Morimoto, T. Dialogue knowledge acquisition from annotated corpora 24817
Kita, T., Dakeya, Y., Guaug-Pu Wei, Nishino, T., Marinelli, M., Hatta, A., Ito, T., Hiraki, A. Transient cathodoluminescence spectroscopy of synthetic diamond films 31766
Kita, T., Nojiri, K., Ueda, Y. Chaos and bifurcations in a single generator operating onto an infinite-bus system with control systems of the generator 28762
Kita, T. *see* Guang-Pu Wei 7843
Kita, Y. Force-based registration method using attribute values 5346
Kita, Y. Elastic-model driven analysis of several views of a deformable cylindrical object 18318

Kita, Y. *see* Tanaka, S. 38628
Kita, Y. *see* Yamamoto, Y. 35809
Kitabatake, M., Greene, J.E. Surface-structure-controlled heteroepitaxial growth of 3C-SiC(001)3×2 on Si(001): simulations and experiments 745
Kitabatake, M. *see* Deguchi, M. 17796
Kitabatake, M. *see* Nan Jiang 42365
Kitabatake, M. *see* Won, J. 30885
Kitabayashi, H., Waho, T., Yamamoto, M. Resonant interband tunnelling diode with high peak current density 22757
Kitabayashi, H. *see* Ohsugi, T. 37392
Kitabayashi, H. *see* Shikata, S. 13376
Kitada, M., Yamamoto, K. Soft magnetic properties of NiFeTa thin films for biasing film applications in magnetoresistive elements 13422
Kitada, M., Yamamoto, K., Momata, K. Soft magnetic properties of NiFe-Ru thin films and their application to biasing films in magnetoresistive elements 13472
Kitada, M. *see* Yamamoto, K. 13423
Kitada, T. *see* Hiyamizu, S. 42109
Kitaek Kim *see* Wonjong Kim 54752
Kitaev, O.V. Single-type equilibrium states of dynamic self-reproduction macrosystems 422
Kitaeva, T.M. *see* Guslyakov, V.T. 48222
Kitagawa, A. *see* Murakami, T. 49064
Kitagawa, F. *see* Mizuno, K. 32546
Kitagawa, F. *see* Mizuno, K. 32547
Kitagawa, G. *see* Gersch, W. 15182
Kitagawa, H. *see* Fujinami, T. 38953
Kitagawa, H. *see* Ishimitsu, S. 34710
Kitagawa, M., Matsushita, K., Nakagawa, A. High-voltage emitter short diode (ESD) 32353
Kitagawa, M., Nakagawa, A. Study of 4.5 kV MOS-power device with injection-enhanced trench gate structure 54666
Kitagawa, M., Shibuya, M., Nishitsuji, M., Tamura, A. Low temperature fabrication of high dielectric constant thin film capacitor on GaAs-MMIC 21989
Kitagawa, M., Yoshida, K., Arai, K., Kitajima, Y., Saitou, H., Imai, N. Head-end equipment 7079
Kitagawa, M. *see* Nagata, T. 28776
Kitagawa, M. *see* Yorino, N. 51070
Kitagawa, S. *see* Minagawa, H. 33856
Kitagawa, S. *see* Tanahashi, S. 60424
Kitagawa, T. *see* Abe, M. 33094
Kitagawa, T. *see* Kamimura, S. 44320
Kitaguchi, H. *see* Kumakura, H. 55082
Kitahara, A., Sato, A., Hoshino, M., Kurihara, I., Shin, S. LQG based electronic throttle control with a two degree of freedom structure 51812
Kitahara, F., Katano, H., Ono, T., Kakumoto, Y., Kikuchi, K., Shinomoto, M. Distributed management for software maintenance in a wide-area railway system 57855
Kitahara, H. *see* Kotera, H. 43639
Kitahara, H. *see* Senba, A. 3298
Kitahara, I., Satoh, K., Ohta, H. 3D image display with motion parallax using camera matrix stereo–evaluating image generation algorithms 17609
Kitahara, K., Suga, K., Hara, A., Nakajima, K. Phase variation of amorphous-Si and poly-Si thin films with excimer laser irradiation 12301
Kitahara, M., Kubodera, S., Kawanaka, J., Sasaki, W. A new vacuum ultraviolet flash lamp excited by a pulsed silent discharge 29871
Kitahara, M. *see* Shima, K. 320
Kitahashi, T. *see* Kobayashi, T. 5031
Kitahata, H. *see* Tashiro, T. 22949
Kitai, A. *see* Fujimura, K. 16279
Kitai, A. *see* Takeuchi, D. 42375
Kitai, M., Hakoda, K., Sagayama, S. Trends of ASR and TTS applications in Japan 46963
Kitai, M., Yamada, T., Tsukada, H., Takahashi, S., Noda, Y., Takahashi, J., Yoshida, Y., Arai, K., Imoto, T., Hakoda, K., Hirokawa, T., Sagayama, S. Experimental interactive system for telephone applications with speech recognition and synthesis functions 46964
Kitai, M.S. Usage of an electrically controlled photomask for dry microlithography by femtosecond visible laser radiation 2553
Kitai, Sh.D., Naumov, A.P. On the statistical structure of astronomical radio-wave refraction 14608
Kitai, T. *see* Maoka, T. 61063
Kitai, T. *see* Watanabe, M. 51501
Kitaji, S. *see* Kawashima, S. 16710
Kitajima, A., Morioka, S., Shimatani, F., Higashino, T., Taniguchi, K. Automatic correctness proof of step-by-step design of a CPU KUE-CHIP2 based on algebraic methods 11404
Kitajima, H., Kawakami, H. Cascade of period-doubling and Neimark-Sacker bifurcations 40956
Kitajima, H., Shiramizu, Y. Requirements for contamination control in the gigabit era 54416
Kitajima, H., Tanaka, Y., Takada, T. Measurement of space charge distribution at high temperature using the pulsed electro-acoustic (PEA) method 48827
Kitajima, H., Yoshinaga, T., Kawakami, H. Codimension two bifurcation observed in a phase converter circuit 1648
Kitajima, H. *see* Haseyama, M. 34791
Kitajima, H. *see* Jo, T. 15857
Kitajima, H. *see* Shirakawa, T. 36250
Kitajima, M. *see* Shibata, K. 17644
Kitajima, S. *see* Tomaru, T. 27946
Kitajima, Y. *see* Ishibashi, R. 7082
Kitajima, Y. *see* Kitagawa, M. 7079
Kitajima, Y. *see* Nakasuji, A. 58045
Kitakami, M. *see* Jien-Chung Lo 31252
Kitakaze, K., Takase, K., Murakami, M., Kawano, K. Electric vehicle (EV) testing equipment for contribution to the environment 17201
Kitakizaki, K. *see* Fujita, Y. 12189
Kitami, T. *see* Saitou, S. 31102
Kitami, T. *see* Suzuki, N. 46583
Kitamoto, A., Takagi, M. A stochastic model of mixels and image classification 5562
Kitamura, A., Yamamoto, F., Matsuda, H., Akhmad, K., Hamakawa, Y. Test results on DC injection phenomenon of grid connected PV system at Rokko test center 38662
Kitamura, A. *see* Akhmad, K. 51597
Kitamura, A. *see* Tada, G. 40877
Kitamura, A. *see* Yamamoto, F. 60831
Kitamura, H., Ishihara, Y., Todaka, T., Inoue, Y. Magnetic field analysis of DC brushless motor considered volt-ampere characteristic of feedback diodes 29340
Kitamura, H. *see* Samaulah, H. 60943
Kitamura, I. *see* Horita, T. 60369
Kitamura, J. *see* Shiraishi, K. 54203
Kitamura, K., Iyi, N., Tanaka, J. Defect control in crystal growth of photorefractive materials 21222
Kitamura, K. *see* Marumoto, K. 31263
Kitamura, K. *see* Tanaka, K. 18341
Kitamura, K. *see* Tsushima, H. 26836
Kitamura, M., Meunier, B. A shape optimization method based on complex expressions of 2-dimensional magnetic fields 43613
Kitamura, M., Nishioka, M., Schur, R., Arakawa, Y. Direct observation of the transition from a 2D layer to 3D islands at the initial stage of InGaAs growth on GaAs by AFM 40480
Kitamura, M. *see* Arakawa, Y. 22354
Kitamura, M. *see* Hanada, T. 26919
Kitamura, M. *see* Kitamura, N. 44005
Kitamura, M. *see* Kozma, R. 38466
Kitamura, M. *see* Nishioka, M. 14170
Kitamura, M. *see* Yasutake, M. 338
Kitamura, N., Mizuta, S., Shimoda, T., Kitamura, M., Nakamura, S. Silica based optical waveguide devices, with novel fiber guide structure for alignment-free fiber coupling 44005
Kitamura, S. *see* Arai, Y. 37267
Kitamura, S. *see* Arai, Y. 37268
Kitamura, S. *see* Hiramatsu, K. 10793
Kitamura, S. *see* Itoh, K. 9169
Kitamura, S. *see* Matsubara, T. 51019
Kitamura, T., Arita, Y., Maeda, K., Takasaki, M., Nakamura, K., Fujiwara, Y., Horiguchi, S. Small-signal gain measurements in a discharge-pumped F_2 laser 33388
Kitamura, T., Hara, T., Okuda, T., Shinada, K., Kino, Y. Orientation measurement of Al(111) planes in Al-Si-Cu interconnection layers by the image-plating glancing-angle X-ray diffraction method 2422
Kitamura, T. *see* Aita, K. 22691
Kitamura, T. *see* Hara, T. 12759
Kitamura, T. *see* Sugahara, S. 10759
Kitamura, Y., Kishino, F. A parallel algorithm for an octree generation from a polyhedral shape representation 15455
Kitamura, Y. *see* Asai, S. 2494
Kitamura, Y. *see* Iijima, T. 56417
Kitamura, Y. *see* Miyazaki, T. 30757
Kitamura, Y. *see* Morimoto, Y. 9703
Kitamura, Y. *see* Sunamoto, M. 11180
Kitani, I. *see* Ihori, H. 27838
Kitano, H. Evolvable hardware with development 1290
Kitano, J. *see* Seki, A. 9642
Kitano, M., Nishimura, A., Kumazawa, T., Kawai, S., Shimizu, I. Development of structural design aiding system for plastic IC packages by using personal computer 30250
Kitano, M. *see* Horino, M. 28067
Kitano, M. *see* Kiguchi, T. 14168
Kitano, M. *see* Ohta, H. 22196
Kitano, T., Izumi, S., Minami, H., Ishikawa, T., Sato, K., Sonoda, T., Otsubo, M. Selective wet etching for highly uniform $GaAs/Al_{0.15}Ga_{0.85}As$ heterostructure field effect transistors 43130
Kitano, T., Maeda, H. A counterexample for positive realization problem 40765
Kitano, T. *see* Okonogi, K. 12802
Kitano, T. *see* Uedono, A. 54030
Kitano, Y. *see* Laksono, T.H. 47593
Kitano, Y. *see* Yoshimoto, S. 4736
Kitao, M. *see* Ohgi, T. 17070
Kitaoka, Y., Mizuuchi, K., Yamamoto, K., Kato, M., Sasaki, T. Intracavity second-harmonic generation with a periodically domain-inverted $LiTaO_3$ device 33647
Kitaoka, Y., Wada, H., Nishino, S., Mizuuchi, K., Yamamoto, K., Kato, M. Efficient planar-type butt coupling of a proton-exchanged waveguide on a z-cut $LiTaO_3$ substrate 33081
Kitaoku, N. *see* Kawahara, T. 14919
Kitaori, N. *see* Yoshida, O. 40578
Kitatani, T. *see* Kondow, M. 14106
Kitatani, T. *see* Kondow, M. 14124
Kitatani, T. *see* Kondow, M. 30833
Kitauchi, Y., Taniguchi, H. Experimental verification of fuzzy excitation control system for multi-machine power system 38260
Kitaura, Y., Nishihori, K., Tanabe, Y., Mihara, M., Yoshimura, M., Nitta, T., Kakiuchi, Y., Uchitomi, N. A self-aligned buried-channel heterostructure GaAs FET with high breakdown voltage for use in mobile communications systems 43121
Kitaura, Y. *see* Hirose, M. 43119
Kitawaki, N. Text-to-speech synthesis and the changing speech style techniques: With a view of development of speech synthesis techniques for multimedia services 14953
Kitawaki, N. Twin VQ music coding technique and services 34688
Kitayama, D. *see* Ito, T. 42531
Kitayama, H. *see* Kawaguchi, T. 13533
Kitayama, K. Highly stabilized millimeter-wave generation by using fiber-optic frequency-tunable comb generator 55914
Kitayama, K. Carrier sense using subcarrier-multiplexed signaling for optical frequency division multiple access 58400
Kitayama, K., Nakamura, M., Igasaki, F., Kaneda, K. Two-dimensional parallel optical data link: experiment 57951
Kitayama, K., Nakamura, M., Igasaki, Y., Kaneda, K. Image fiber-optic two-dimensional parallel links based upon optical space-CDMA: experiment 36096
Kitayama, K. *see* Ito, F. 55938
Kitayama, K. *see* Kuri, T. 6752
Kitayama, M., Matsumoto, K. An optimization method for distribution system configuration based on genetic algorithm 19251
Kitayama, T. *see* Nakagawa, J. 16831
Kitayama, Y. *see* Otani, H. 53842
Kitayoshi, H., Sawaya, K. Electromagnetic-wave visualization for EMI using a new holography method 56118
Kitaytsev, A., Koledintseva, M. Interaction between millimeter oscillations and monocrystal hexagonal ferrites with modulated resonance frequency 43717
Kitazawa, H. *see* Kido, G. 3300
Kitazawa, K. *see* Ishizaki, A. 51063
Kitazawa, T., Sekiguchi, K. High precision 5 V regulator IC type CCR08 for automotive ECU system 61292
Kitazawa, Y. *see* Yoshida, H. 31007
Kitazima, I., Kudoh, K., Kaseya, H. Feedback control of colliding-pulse mode-locking operations in a Nd:YAG laser 14038
Kitazima, I. *see* Kuwashima, F. 23747
Kitazima, M. *see* Yamagishi, Y. 10225
Kitazume, H. *see* Ishizuka, M. 35503
Kitazume, H. *see* Koike, A. 16164
Kitazume, H. *see* Koike, A. 25873
Kitazume, H. *see* Saito, H. 5758
Kitcher, D.J. *see* Khrushchev, I.Y. 44439
Kitchin, R.H. *see* Yeung, H. 19065
Kitching, J., Hollberg, L., Walls, F.L. A 1 GHz optical-delay-line oscillator driven by a diode laser 11702
Kite, A.V. *see* Coulston, D.J. 19483
Kitney, R.I., Seydnejad, S.R. Heart rate variability system identification using different signal descriptors 37773
Kitney, R.I. *see* Bello, F. 5567
Kitney, R.I. *see* Bello, F. 28279
Kitney, R.I. *see* Benjamin, R. 18322
Kitney, R.I. *see* Freeborough, P.A. 49565
Kito, M. *see* Takenaka, N. 48014
Kito, Y. *see* Kato, K. 51386
Kito, Y. *see* Tanaka, Y. 9425
Kito, Y. *see* Tanaka, Y. 51390
Kito, Y. *see* Yokomizu, Y. 9424
Kitoh, T. *see* Oda, K. 16723
Kitoh, T. *see* Oda, K. 47903
Kitoh, T. *see* Ogawa, I. 56194
Kitoh, T. *see* Takara, H. 14263
Kitov, V. *see* Adam, A. 37280
Kitsak, M.M. *see* Levin, E.M. 3234
Kitson, B. Intercessory objects within channels 6165
Kitson, S.C., Barnes, W.L., Sambles, J.R. The fabrication of submicron hexagonal arrays using multiple-exposure optical interferometry 13682
Kitta, T. *see* Ikeda, H. 18134
Kitta, T. *see* Ikeda, H. 59310
Kittel, A. *see* Bunner, M.J. 1172
Kittel, A. *see* Hirsch, M. 22210
Kittel, A. *see* Richter, R. 22217
Kittel, P. *(editor)* Advances in Cryogenic Engineering (Vol.41). Proceedings of the 1995 Cryogenic Engineering Conference 39540
Kittelmann, O., Ringling, J., Korn, G., Nazarkin, A., Hertel, I.V. Tunable femtosecond VUV source in the region between 102 nm - 124 nm 33666
Kittilsland, G. *see* Steinsland, E. 13183
Kittl, J.A., Hong, Q.Z. Materials aspects of Ti and Co silicidation of narrow polysilicon lines 42621
Kittl, J.A., Hong, Q.Z., Rodder, M. Mechanisms of thin film Ti and Co silicide phase formation on deep-sub-micron geometries and their implications and applications to 0.18 μm CMOS and beyond 43279
Kittl, J.A., Prinslow, D.A., Misium, G., Pas, M.F. Modeling of device characteristics as function of Ti salicide rapid thermal processing parameters for deep-sub-micron CMOS technologies 22617

Kittl, J.A., Qi-Zhong Hong, Redder, M., Prinslow, D.A., Misium, G.R. A Ti salicide process for 0.10 μm gate length CMOS technology 2433
Kittler, J., Hatef, M., Duin, R.P.W. Combining classifiers 4914
Kittler, J. *see* Bober, M. 46497
Kittler, J. *see* Bosdogianni, P. 50236
Kittler, J. *see* Boukouvalas, C. 30369
Kittler, J. *see* Christensen, H.I. 57324
Kittler, J. *see* Christmas, W.J. 15762
Kittler, J. *see* Dabis, H. 15728
Kittler, J. *see* Griffin, A. 5664
Kittler, J. *see* Kalviainen, H. 5417
Kittler, J. *see* Kui Zhang 25579
Kittler, J. *see* Kui Zhang 56951
Kittler, J. *see* Mirmehdi, M. 46229
Kittler, J. *see* Petrou, M. 57002
Kittler, J. *see* Sardo, L. 4421
Kittler, J. *see* Shao, Z. 5365
Kittler, M. *see* Knobloch, K. 39037
Kittler, M. *see* Seifert, W. 31773
Kittler, M. *see* Sieber, B. 31952
Kitto, K.L. Teaching industrial robotics using multidisciplinary product design projects 20786
Kitts, C. *see* Swartwout, M. 18610
Kitz, K. *see* Ertl, A. 18586
Kitzerow, H.S. *see* Contzen, J. 24303
Kitzmiller, J.R., Pratap, S.B., Werst, M.D., Penney, C.E., Hotz, T.J., Murphy, B.T. Laboratory testing of the pulse power system for the cannon caliber electromagnetic gun system (CCEMG) 33879
Kitzmiller, J.R. *see* Murphy, B.T. 33884
Kitzmiller, J.R. *see* Penney, C.E. 33886
Kitzmiller, J.R. *see* Pratap, S.B. 33888
Kitzmiller, J.R. *see* Werst, M.D. 33907
Kiuchi, T. *see* Yasuda, H. 22675
Kiujk, M. *see* Ayadi, K. 33313
Kivelson, S.A. *see* de C. Chamon, C. 43159
Kivikoski, M. *see* Hamalainen, T. 51811
Kivshar, Y.S. *see* Afanasjev, V.V. 33648
Kivshar, Y.S. *see* Buryak, A.V. 55916
Kivshar, Y.S. *see* Christou, J. 4027
Kivshar, Y.S. *see* Micallef, R.W. 24146
Kivshar, Y.S. *see* Zhigang Chen 14324
Kivshar, Yu.S. *see* Balslev Clausen, C. 55825
Kiwata, K. *see* Wakano, M. 26048
Kiwi, M. *see* Bellare, M. 24618
Kiwitt, J. *see* Dietermann, A. 34134
Kiwitt, J. *see* Dietermann, A. 39809
Kiya, H. *see* Iwahashi, M. 57399
Kiya, H. *see* Muramatsu, S. 24909
Kiya, I. *see* Kobayashi, H. 11585
Kiyak, S.G., Bonchik, O.Yu., Pokhmurska, A.V., Savitsky, G.V. Muitilayer multicomponent semiconductor structures for microelectronics formed using laser and thin film technology 22545
Kiyama, M. *see* Sawada, S. 31845
Kiyama, M. *see* Yoshida, H. 31835
Kiyama, S. *see* Kameda, M. 39128
Kiyama, S. *see* Maruyama, E. 30901
Kiyama, S. *see* Muruyama, E. 30862
Kiyama, S. *see* Sakakibara, T. 43366
Kiyan Roman *see* Roman Kiyan
Kiyatkin, R.P. *see* Shakirov, M.A. 19324
Kiyohara, R. *see* Munaka, T. 57938
Kiyohara, S., Miyamoto, I. Oxygen ion beam etching of single crystal diamond chips using an ECR-type ion source 12795
Kiyohara, Y., Kugai, K., Meguro, S., Katayama, A. High functional arc-welding robot with laser sensor 27677
Kiyokane, Y. *see* Nakamura, K. 47353
Kiyokawa, H. *see* Shinnoh, T. 14645
Kiyokawa, K. *see* Takahashi, M. 19511
Kiyoku, H. *see* Nakamura, S. 3870
Kiyoku, H. *see* Nakamura, S. 23882
Kiyoku, H. *see* Nakamura, S. 33519
Kiyoku, H. *see* Nakamura, S. 33562
Kiyoku, H. *see* Nakamura, S. 44452
Kiyomatsu, S. *see* Moriyama, H. 36804
Kiyomi, K. *see* Fujii, K. 52651
Kiyono, S. *see* Wei Gao 39855
Kiyono, S. *see* Zongtao Ge 7175
Kiyoshi, T. *see* Ohara, T. 4213
Kiyota, S. *see* Muro, H. 54848
Kiyota, Y. New applications of infrared CCD camera [in flammable gas detection] 36743
Kiyota, Y., Ohue, E., Onai, T., Washio, K., Tanabe, M., Inada, T. Lamp-heated rapid vapor-phase doping technology for 100-GHz Si bipolar transistors 22768
Kiyota, Y. *see* Miyao, M. 1978
Kiyota, Y. *see* Ohue, E. 1725
Kiyotaka Imai *see* Yuhua Cheng 12991
Kiyotoshi, M. *see* Eguchi, K. 52795
Kiyoung Choi *see* Youngsoo Shin 11344
Kizaki, Y., Mori, M., Saito, M. Development of Au-Al solid phase diffusion flip chip bonding 12012
Kizaki, Y. *see* Mizusawa, Y. 12026
Kizawa, T., Izumi, H., Iwahashi, T., Kimura, T., Shiratori, H. A system for image data transmission by satellite 58251
Kiziloglu, B. *see* Tryba, V. 31437
Kizilyalli, I.C., Chen, A.S., Nagy, W.J., Rich, T.L., Ham, T.E., Lee, K.H., Carroll, M.S., Iannuzzi, M. Silicon npn bipolar transistors with indium-implanted base regions 32380
Kizilyalli, I.C., Lyding, J.W., Hess, K. Deuterium post-metal annealing of MOSFET's for improved hot carrier reliability 32421
Kizilyalli, L.C., Lyding, J.W., Hess, K. Deuterium post metal annealing of MOSFETs for improved hot carrier reliability 2685
Kizuka, T., Yamada, K., Tanaka, N. Time-resolved high-resolution electron microscopy of solid state direct bonding of gold and zinc oxide nanocrystallites at ambient temperature 42244
Kizuka, T. *see* Endo, H. 59470
Kjaer, P.C., Blaabjerg, F., Cossar, C., Miller, T.J.E. Efficiency optimisation in current controlled variable-speed switched reluctance motor drives 61164
Kjaer, P.C., Cossar, C., Miller, T.J.E. Very high bandwidth digital current controller for high-performance motor drives 9581
Kjaer, P.C., Gribble, J.J., Miller, T.J.E. High-grade control of switched reluctance machines 29687
Kjaer, P.C., White, G., Miller, T.J.E. Design of switched reluctance motor/generator systems using the Saber™ simulator 50964
Kjebon, O., Schatz, R., Lourdudoss, S., Nilsson, S., Stalnacke, B., Backbom, L. 30 GHz direct modulation bandwidth in detuned loaded InGaAsP DBR lasers at 1.55 μm wavelength 44491
Kjebon, O. *see* Lindgren, S. 33542
Kjebon, O. *see* Lourdudoss, S. 24014
Kjebon, O. *see* Schatz, R. 55615
Kjelldorff, R. *see* Akerlund, J. 50498
Kjems, U. *see* Hansen, L.K. 25746
Kjensmo, A. *see* Ronnqvist, C. 59367
Kjensmo, A. *see* Ronnqvist, C. 59367
Kjonijnenburg, M.H., van der Linden, J.T., van de Goor, A.J. Accelerated compact test set generation for three-state circuits 41034
Klaassen, B. A method for tightly coupled thermal-electrical simulation 40822
Klaassen, D.B.M. *see* Rudan, M. 12852
Klaassen, D.B.M. *see* Stolk, P.A. 43065
Klaassen, E. *see* Noworolski, J.M. 12717
Klaassen, E.H. *see* Noworolski, J.M. 32570
Klaassen, F. *see* Van den Brink, M. 2541
Klaassen, H. *see* Kranenburg, R.A. 61144
Klaassen, J.J. *see* Van Hove, J.M. 52686
Klaassen, K.B. *see* Reay, R.J. 23373
Klaassen, T.O. *see* Pellemans, H.P.M. 3686
Klaassens, J.B. *see* Paulussen, R.M. 51237
Klaassens, J.B. *see* van Dijk, K. 37971
Klaassens, W. *see* Roozeboom, F. 23370
Klaassens, W. *see* van de Riet, E. 43626
Klabunde, C.E. *see* Christen, D.K. 52673
Klabunde, J. *see* Barth, W. 37119
Klabunde, J. *see* Barth, W. 37120
Klabunde, J. *see* Bessler, U. 37102
Klabunde, J. *see* Dolling, R. 37109
Klabunde, K. *see* Abramowski, S. 26370
Klabunde, K. *see* Gallersdorfer, R. 26288
Kladas, A.G., Tegopoulos, J.A. 3D eddy currents modelling by means of a particular reduced scalar potential technique 44957
Kladas, A.G. *see* Kandianis, T. 51754
Kladopoulos, K. A. *see* Dimakis, C.E. 26621
Klaesner, J.W., Pou, N.A., Parker, R.E., Galloway, R.L., Roselli, R.J. Laser system for measuring small changes in plasma tracer concentrations 49468
Klafka, R. *see* Bohmer, S. 16089
Klages, C.-P. *see* Weber, A. 40563
Klages, C.-P. *see* Weber, A. 54494
Klages, C.-P. *see* Zhang, W.J. 30937
Klahn, D. *see* Jakowski, N. 58250
Klaiber, T. Fuel cells for transport: can the promise be fulfilled? Technical requirements and demands from customers 20173
Klaic, A., Koroman, V., Kuljaca, L. CAN–computer network in vehicles 29828
Klaic, M. Electric ship propulsion–development, state of the art and trends 61265
Klaiss, H. *see* Trieb, F. 60602
Klajn, A. Experimental study of the switching arc behaviour in a transverse magnetic field in vacuum 29476
Klajn, A., Datczuk, A., Wroblewski, Z. Measurement of ion parameters during a forced switching-off of current in vacuum 29473
Klajn, A. *see* Wroblewski, Z. 60940
Klamroth, K. *see* Ehrgott, M. 40097
Klanderman, G.A. *see* Ettinger, G.J. 6941
Klann, R. *see* Friedland, K.-J. 12386
Klann, R. *see* Ploog, K.H. 30837
Klann, R. *see* Ramsteiner, M. 42219
Klann, R. *see* Yaokui Zhang 42203
Klann, R.T. *see* Courtney, J.C. 37929
Klann, R.T. *see* Courtney, J.C. 37930
Klanner, R. *see* Ingelman, G. *(editor)* 37075
Klapdor-Kleingrothaus, H.V. *see* Baudis, L. 49327
Klappenecker, A. Algebraic wavelet filters 4760
Klappenecker, A., Baumgarte, V., Nuckel, A., Beth, T. Methods for regular VLSI implementations of wavelet filters 21813
Klappwijk, T.M. *see* Garten, F. 55448
Klapwijk, T.M. Mesoscopic transport of InAs-based conductors with superconducting electrodes 43805
Klapwijk, T.M. *see* den Hartog, S.G. 13504
Klapwijk, T.M. *see* Gao, J.R. 53614
Klapwijk, T.M. *see* Morpurgo, A.F. 42488
Klar, P.J., Wolverson, D., Ashenford, D.E., Lunn, B., Henning, T. Comparison of $Zn_{1-x}Mn_xTe/ZnTe$ multiple-quantum wells and quantum dots by below-bandgap photomodulated reflectivity 12510
Klare, K.A. *see* Murphy, T.J. 37407
Klark Fan Kuang *see* Kuang Klark Fan
Klarl, H.-G., Kessler, M. Series 200 and 400U radio equipment. Innovations in ATC radiocommunications: RCMS and 8.33-kHz channel spacing 8279
Klarquist, W.N. *see* Super, B.J. 46312
Klasen, L., Fahlander, O. Video coding for next-generation surveillance systems 56644
Klasen, L., Fahlander, O. Using videogrammetry and 3-D image reconstruction to identify crime suspects 56653
Klass, D.W. *see* Westmoreland, B.F. 59635
Klatt, C. *see* Langpape, C. 41866
Klatt, J. *see* Kim, M. 2191
Klaubert, H.L. *see* Burgess, S.C. 43402
Klaudel, H., Riemann, R.-C. Consistent equivalence notion for a class of high level Petri nets 40056
Klaus, B. *see* Jose, E. 6207
Klaus, C.W. Network security: Anything but bullet-proof 16315
Klaus, D.W. *see* Makin, P. 38906
Klaus, F., Hein, A., Loffeld, O. Use of SiSAR to generate interferometric SAR raw data 16926
Klaus, H., Fellbaum, K., Sotscheck, J. Subjective evaluation and comparison of the speech quality of text-to-speech systems for the German language 56416
Klaus, H. *see* Dehnel, A. 34680
Klaus, J.W., Ott, A.W., Johnson, J.M., George, S.M. Atomic layer controlled growth of SiO_2 films using binary reaction sequence chemistry 40554
Klaus, J.W. *see* Ott, A.W. 10876
Klaus, P.Von *see* Von Klaus, P.
Klaus M, B. *see* Jose, E. 6207
Klausmann, H. *see* Ahatani, S. 33146
Klausner, J.F. *see* Thorncroft, G.E. 59086
Klausutis, T.J., Madisetti, V.K. Adaptive lapped transform-based image and video coding 56626
Klautke, G. *see* Roos, D. 18512
Klavzar, S. *see* Rugelj, J. 57673
Kleam, J.A., Durham, J.E. Utilization of existing plant processes in implementation of the Maintenance Rule at Boston Edison Company's Pilgrim Nuclear Power Station 38525
Klebaek, H., Jensen, J.A., Hansen, L.K. Neural network for sonogram gap filling 28197
Klebanov, I. *see* Semyonov, Yu.P. 27288
Klebanov, M. *see* Lyubin, V. 2076
Klebe, D.I. *see* Creech-Eakman, M.J. 27648
Klebtsov, A.N. *see* Gavrilyachenko, V.G. 41748
Kleckers, T. *see* Biebricher, M. 36596
Kleczewski, M. *see* Cesarsky, C.J. 36548
Kleefeld, J. *see* Piehler, D. 36343
Kleeman, L. Scanned monocular sonar and the doorway problem 36271
Kleemann, B.H., Bischoff, J., Wong, A.K. Alternate rigorous method for photolithographic simulation based on profile sampling 2521
Kleev, A.I. *see* Baryshnikov, F.F. 55747
Kleeven, W.J.G.M. *see* De Leeuw, R.W. 37015
Kleffner, C.-M. *see* Madert, M. 49186
Klefstad, M. *see* Bouville, C. 58056
Klehr, A., Mertingk, U., Muller, R., Oberschmid, R. Influence of external optical feedback on polarization switching in InGaAsP/InP lasers 23912
Klehr, A., Muller, R. Control of light polarization in InGaAsP/InP lasers by injection of light pulses 44444
Klehr, A., Muller, R., Enders, P. Influence of an external mechanical force on light emission from strained 1.3 μm semiconductor lasers: polarization switching and mode spectra 23933
Kleiber, F. *see* Bitsch, P. 36026
Kleiber, M. *see* Winzer, M. 42854
Kleier, S., Farjami, P., Reif, F., Walke, B. Future intelligent value-added services on the margins of heterogeneous communications networks 57980
Kleijn, W.Bastiaan *see* Bastiaan Kleijn, W.
Kleiman, G.G. *see* Zanatta, A.R. 2067
Kleimann, A.C.M. *see* Stoldt, H. 48230
Kleimann, K.C. *see* Peek, H.L. 48684
Kleimann, P. *see* Le Berre, M. 12147
Klein, A., Loher, T., Tomm, Y., Pettenkofer, C., Jaegermann, W. Band lineup between CdS and ultra high vacuum-cleaved $CuInS_2$ single crystals 42060
Klein, A., Steiner, B., Steil, A. Known and novel diversity approaches as a powerful means to enhance the performance of cellular mobile radio systems 16592
Klein, A., Urban, I., Ressel, P., Nebauer, E., Merkel, U., Osterle, W. Preparation, transmission electron microscopy, and microanalytical investigations of metal-III-V semiconductor interfaces 22446
Klein, A. *see* Loher, T. 747
Klein, B.M. *see* Gubanov, V.A. 12264
Klein, C. *see* Bonath, W. 9872
Klein, C.A. *see* Anderson, B.L. 45459
Klein, C.F. *see* Cooke, B.J. 17527
Klein, C.F. *see* Ralston, A.R.K. 17342
Klein, E.E., Zuofeng Li, Low, D.A. Feasibility study of multileaf collimated electrons with a scattering foil based accelerator 59769
Klein, H. Linac design for the European Spallation Source 7755
Klein, H. *see* Glock, H.-W. 49179
Klein, H. *see* Muller, W.F.O. 49178

Klein, H. *see* Pozimski, J. 37108
Klein, H. *see* Reidelbach, K. 59128
Klein, H.A. *see* Barwood, G.P. 48335
Klein, I.E. Application of Taguchi methods to the production of integrated circuits 1840
Klein, I.E. *see* Imber, N. 54531
Klein, J., Kulp, D., Rashkin, B. State modeling and pass automation in spacecraft control 28577
Klein, J. *see* Christenson, T.R. 60812
Klein, J. *see* Ensinger, W. 10886
Klein, J. *see* Fiordalice, R. 2434
Klein, J. *see* Freeman, A. 27011
Klein, J. *see* Guckel, H. 23089
Klein, J. *see* Hegde, R.I. 52768
Klein, J.D. *see* Cogan, S.F. 55369
Klein, J.L. *see* Faber, T.L. 37738
Klein, J.R. *see* Downing, E.A. 7500
Klein, J.R. *see* Lin, D.C. 38026
Klein, J.S. *see* Tennenhouse, D. 6145
Klein, K. *see* John, J.P. 2654
Klein, K. *see* Ma, J. 54796
Klein, L. *see* Gaffney, L.M. 16638
Klein, M. The architecture of the Vebacom transport network (VTN) 57741
Klein, M. *see* Bellermann, J. 17069
Klein, M. *see* Eick, W. 28034
Klein, M. *see* Eick, W. 59238
Klein, M. *see* Wang, L. 60307
Klein, M.B. *see* Dunning, G.J. 21398
Klein, M.B. *see* MacCormack, S. 44510
Klein, M.B. *see* Pepper, D.M. 20963
Klein, M.B. *see* Pepper, D.M. 21396
Klein, M.G. *see* Brown, J.T. 61000
Klein, M.G. *see* Cole, J.H. 18735
Klein, R., Aichinger, H., Dierker, J., Jansen, J.T.M., Joite-Barfuss, S., Sabel, M., Schulz-Wendtland, R., Zoetelief, J. Determination of average glandular dose with modern mammography units for two large groups of patients 59848
Klein, R., Mayer, T., Kuske, P., Thornagel, R., Ulm, G. Beam diagnostics at the BESSY I electron storage ring with Compton backscattered laser photons: measurement of the electron energy and related quantities 37089
Klein, S. *see* Uhlenbusch, J. 4171
Klein, S.H. *see* Targ, R. 27088
Klein, S.R. *see* Betts, W. 59222
Klein, W. *see* Fujii, K. 12464
Klein, W. *see* Schuster, R. 42166
Kleinberg, E.M. *see* Tin Kam Ho 4912
Kleinberg, J. *see* Andrews, M. 5871
Kleine, U. *see* Maschmann, M. 2850
Kleineberg, T. A generalized approach for modelling the nonlocal memory of hysteretic systems 43637
Kleineberg, U. *see* D'Anna, E. 906
Kleineberg, U. *see* Stock, H.-J. 55377
Kleiner, B.M. *see* Cano, A.R. 52092
Kleiner, B.M. *see* Smith, P.E. 9897
Kleiner, H.J. *see* Voss, A. 49596
Kleiner, H.J. *see* Wessel, N. 49598
Kleiner, M. *see* Granier, E. 7111
Kleiner, M.B., Kuhn, S.A., Ramm, P., Weber, W. Performance improvement of the memory hierarchy of RISC-systems by application of 3-D technology 1464
Kleiner, M.B. *see* Kuhn, S.A. 1465
Kleiner, M.B. *see* Kuhn, S.A. 41202
Kleiner, M.H. *see* Wilson, K.T. 53884
Kleiner, R. Intrinsic Josephson junctions in high temperature superconductors 43786
Kleiner, R. *see* Dantsker, E. 23400
Kleiner, R. *see* Nichols, D.G. 3283
Kleinermann, F., Avis, N.J., Judah, S.K., Barber, D.C. Three-dimensional image reconstruction for electrical impedance tomography 18449
Kleinermann, F. *see* Avis, N.J. 18452
Kleinfeld, D. *see* Fee, M.S. 28359
Kleinfeld, J.A. *see* Stone, T.W. 56212
Kleinfelder, S. *see* Bieser, F. 59307
Kleinhans, S. *see* Doumeingts, G. 39666
Kleinhans, W. *see* McKee, R. 17495
Kleinhans, W.E. *see* Kozlowski, L.J. 17503
Kleinhans, W.E. *see* Kozlowski, L.J. 48675
Kleinhenz, R.L. *see* Muller, K.P. 41164
Kleinman, H. *see* Cohen, M. 13906
Kleinman, L. *see* Gu, Y.M. 22388
Kleinman, R.E. *see* Belkebir, K. 58963
Kleinman, R.E. *see* Haak, K.F.I. 34037
Kleinman, R.E. *see* Hsiao, G.C. 44856
Kleinman, R.J. *see* Agee, B.G. 6481
Kleinmann, D.E. *see* Reine, M.B. 50042
Kleinmann, T., Lacroix, A. Low delay IIR QMF banks with high perceptive quality for speech processing 14911
Kleinmann, T., Pietsch, R.T., Lacroix, A. Coding of broadband speech with exploitation of psychoacoustic masking effects aided by recursive QMF filter banks 34663
Kleinpenning, T.G.M. *see* Markus, H.A.W. 42941
Kleinpeter, M. *see* Heierle, M. 19135
Kleinrock, L. Nomadicity: Anytime, anywhere in a disconnected world 47581
Kleinrock, L. *see* Kolias, C. 5783
Kleinrock, L. *see* Leiner, B.M. 47137
Kleinrock, L. *see* Po-chi Hu 46700
Kleinrock, L. *see* Po-Chi Hu 57909
Kleinschmidt, J., Patzel, R., Heist, P., Stamm, U., Basting, D., Powell, M. Extremely narrow bandwidth, high repetition rate laser for high NA step & scan tools 2473
Kleinsorgen, K. *see* Lichtenberg, F. 29551
Kleiter, G.D. Propagating imprecise probabilities in Bayesian networks 21057
Kleitz, M., Petitbon, F. Optimized SOFC electrode microstructure 38961
Klekamp, A., Kersten, P., Rehm, W. An improved single-mode Y-branch design for cascaded 1:2 splitters 13662
Klekotka, M. *see* Perrone, D.E. 18726
Klem, J. *see* Elsener, K. 49261
Klem, J.F. *see* Blum, O. 32172
Klem, J.F. *see* Harff, N.E. 31990
Klem, J.F. *see* Smith, R.E. 33010
Klem, J.F. *see* Zolper, J.C. 22541
Klem, S. *see* Hess, D. 54375
Klemann, K. *see* Idek, I. 5920
Klemberg-Sapieha, J.E. *see* Gujrathi, S.C. 13787
Klemberg-Sapieha, J.E. *see* Popovici, D. 42732
Klemencic, A., Pernus, F., Kovacic, S. Segmentation of muscle fibre images using Voronoi diagrams and active contour models 7877
Klemens, F.P. *see* Cirelli, R.A. 32279
Klemens, F.P. *see* Lee, J.T.C. 2335
Klemens, F.P. *see* Lee, J.T.C. 54392
Klemens, P.G. Theory of phonon drag thermopower 31739
Klement, E.P., Mesiar, R., Pap, E. A characterization of the ordering of continuous t-norms 40043
Klement, E.P., Moser, B. On the redundancy of fuzzy partitions 10311
Klementev, A. *see* Gubler, G. 27422
Klementyev, V.M. *see* Bagayev, S.N. 21936
Klementyev, V.M. *see* Bagayev, S.N. 27376
Klemettinen, M. *see* Hatonen, K. 35631
Klemimaier, M. *see* Schildge, P. 38380
Klemm, F. *see* Brabetz, S. 49415
Klemm, F. *see* Weidl, R. 49568
Klemm, H., Herrmann, M., Schubert, C., Hermel, W. Problems and prospects of silicon nitride materials for applications at temperatures above 1400°C 40670
Klemm, R. Forward looking radar/SAR: clutter and jammer rejection with STAP 27058
Klempner, G.S. *see* Sedding, H.G. 60552
Klemradt, U., Funke, M., Fromm, M., Lengeler, B., Peisl, J., Foerster, A. Growth-induced interface roughness of GaAs/AlAs-layers studied by X-ray scattering under grazing angles 12283
Klenk, M. *see* Mayer, H.P. 23918
Klenk, M. *see* Wunstel, K. 36083
Klenk, R. *see* Shafarman, W.N. 39057
Klenov, V.S. *see* Belov, A.S. 37190
Kleparski, V.G., Kisielewski, M., Maziewski, A. Domain formation in polycrystalline garnet films 3172
Klepatch, A. *see* Golovan, A.V. 35021
Klepczynski, W. *see* Davis, J.A. 36360
Klepczynski, W.J. *see* Lewandowski, W. 36930
Kleperis, J., Vaivars, G., Vitins, A., Lusis, A., Galkin, A. Electrochemical investigation of hydrogen evolution and absorption phenomena in nickel based electrodes 9499
Klepfer, R.N., Johnson, C.R., MacLeod, R.S. The effects of inhomogeneities and anisotropies on electrocardiographic fields: a three-dimensional finite element study 59681
Kleppe, J.A. The application of digital signal processing to acoustic pyrometry 50770
Kleppe, J.A., Maskaly, J., Beam, G. The application of image processing to acoustic pyrometry 59071
Kleppe, J.A. *see* Looney, M.S. 20600
Klepper, O. *see* Stohlker, Th. 7727
Kleps, I., Nicolaescu, D., Lungu, C., Musa, G., Bostan, C., Caccavale, F. Porous silicon field emitters for display applications 41779
Klepsch, T. *see* Broesse, A. 61128
Klepsch, T. *see* Broesse, A. 61129
Klepser, B.-U. *see* Schefer, M. 21962
Klepser, B.-U.H., Schefer, M., Patrick, W. Design of high speed, high sensitivity monolithically integrated photoreceiver circuits 26737
Klepsvik, K. *see* Rustad, R. 14419
Kleptsina, M.L., Serebrovski, A.P. On the averaging principle for nonlinear filtering problems with random contamination 15226
Kleptsyn, V.F. *see* Lagatskii, A.A. 44403
Kler, A.M., Skripkin, S.K., Dekanova, N.P. Automation of construction of static and dynamic models of heat power installations 50764
Klerk, J.De *see* De Klerk, J.
Klessina, J., Ballato, A. Dependence of strain amplitude on loss mechanisms in plate resonators 13327
Klett, A., Burgkhardt, B. The new remcounter LB6411: measurement of neutron ambient dose equivalent H*(10) according to ICRP60 with high sensitivity 59853
Klette, R., Schluns, K. Height data from gradient fields 35158
Kletz, T.A. Hazop–past and future 52108
Kletzli, D., Jr. *see* Burns, J.W. 36243
Kleuker, S. Using formal methods in the development of protocols for multi-user multimedia systems 26355
Klevenhagen, S.C., Aukett, R.J., Harrison, R.M., Moretti, C., Nahum, A.E., Rosser, K.E. The IPEMB code of practice for the determination of absorbed dose for X-rays below 300 kV generating potential (0.035 mm Al-4 mm Cu HVL; 10-300 kV generating potential) 18583
Klevenhagen, S.C. *see* Thwaites, D.I. 18582
Kley, E.-B., Parriaux, O. E-beam tandem writes short pitch DOEs and gratings for EU-922 FOTA and other optical microsystems 13198
Kley, E.-B. *see* Anke, I. 13543
Kley, E.-B. *see* Hubner, H. 48881
Kley, E.-B. *see* Waldausl, R. 44034
Kleyer, M. *see* Hahn, G. 18457
Kleyman, A.S., Solovyov, V.C. High-stable microwave range generators and their metrological assurance 27860
Kleyner, A., Bhagath, S., Gasparini, M., Robinson, J., Bender, M. Bayesian techniques to reduce the sample size in automotive electronics attribute testing 52151
Kliauga, P., Onizuka, Y., Magrin, G. Microdosimetric analysis of radiation from a clinical mammography machine using realistic breast phantoms and a miniature proportional counter 8001
Klichova, I. *see* Drasar, C. 2091
Kliefoth, K. *see* Angermann, H. 2374
Kliemann, W. *see* Ni, Y.-X. 19282
Kliemann, W. *see* Thapar, J. 60219
Kliemann, W.H. *see* Saha, S. 60218
Klier, C. *see* Caldararu, M. 3451
Kliewer, J. *see* Karp, T. 15298
Kliewer, M.A. *see* Paulson, E.K. 37644
Klima, H. *see* Sternberg, A. 43503
Klima, K., Kaniewska, M., Reginski, K., Muszalski, J. Oval defect classification in MBE-grown GaAs depending on growth conditions 691
Klimachev, Yu. *see* Afanas'ev, L. 13935
Klimachev, Yu.M. *see* Ionin, A.A. 55486
Kliman, G.B., Koegl, R.A., Premerlani, W.J., Breen, T.B. A demonstration of a sensorless torque meter for AC motors 29245
Kliman, G.B., Premerlani, W.J., Koegl, R.A., Hoeweler, D. A new approach to on-line turn fault detection in AC motors 29246
Kliman, G.B., Premerlani, W.J., Yazici, B., Koegl, R.A., Mazereeuw, J. Sensorless, online motor diagnostics 51734
Kliman, G.B. *see* Breen, T.B. 50890
Klimas, P. *see* Taylor, R. 50837
Klimasara, W. Precise, touch-less measurements method by application of laser measurement system "ROBOTEST" 7152
Klimash, M. Mathematical model of losses in multi-mode optical fibers at guide axis bends 47991
Klimczak, T. *see* Slowikowska, H. 43570
Klimeck, G., Lake, R., Fernando, C.L., Bowen, R.C., Blanks, D., Leng, M., Moise, T., Kao, Y.C., Frensley, W.R. Numerical approximations for polar optical phonon scattering in resonant tunneling diodes 54579
Klimeck, G. *see* Bowen, R.C. 42919
Klimeck, G. *see* Lake, R. 2737
Klimek, D.E. *see* Mandl, A. 23764
Klimek, D.E. *see* Mandl, A. 33396
Klimenko, A.D. *see* Drobakhin, O.O. 24554
Klimenko, A.G., Voinov, V.G., Novoselov, A.R. A device and method for plastic strain measurements of microsamples 31021
Klimenko, A.G. *see* Vasilyev, V.V. 36550
Klimenko, A.G. *see* Voinov, V.G. 32057
Klimenko, D.N. *see* Zolotoverkh, I.I. 3743
Klimenko, S.G. *see* Aulchenko, V.M. 37243
Klimenko, S.G. *see* Aulchenko, V.M. 37247
Klimenko, S.O. *see* Voropai, N.I. 50406
Klimentov, S.M. *see* Kononenko, T.V. 43383
Klimes, F. Research into flow on a model of the aorta and on mechanical systems for the assistance of the heart 8154
Klimes, W. *see* Wenzel, C. 42723
Klimin, S.N. *see* Pokatilov, E.P. 2186
Klimkiewicz, M. *see* Paul, B.K. 13193
Klimkin, V.M. *see* Gerasimov, V.A. 7063
Klimnak, W.N. *see* Blefko, M.J. 34417
Klimov, V.T. *see* Kruchinskii, N.G. 49768
Klimovitch, A.G. *see* Cao, H. 42226
Klimovskii, I.I., Abramov, D.V., Galkin, A.F., Prokoshev, V.G., Arakelian, S.M. Laser treatment monitoring and control by a copper laser monitor, and powerful laser induced instabilities 30188
Klimovskii, I.I. *see* Abramov, D.V. 13564
Klimovsky, I.I. *see* Batenin, V.M. 23198
Klimusheva, G.V., Iljin, A.G., Yatsenko, L.P., Vakhnin, A.Yu. External factor influence on the optical activity of chiral liquid crystals 13717
Klincewicz, J.G. A dual algorithm for the uncapacitated hub location problem 52494
Klindworth, A. FPLD-implementation of computations over finite fields $GF(2^m)$ with applications to error control coding 14816
Kline, J. *see* Divljakovic, V. 50979
Kline, J.A., Sr. *see* Tang, Y. 19722
Kline, M. *see* Marsh, W. 53642
Kline, P. *see* Vucetic, J. 6603
Klinenberg, E. *see* Martin, B.J. 49584
Kling, A. *see* Herreros, B. 13638
Kling, A. *see* Herreros, B. 13666
Kling, W.L. *see* Meeuwsen, J.J. 38330
Klinga, T. *see* Lourdudoss, S. 24014
Klinga, T. *see* Rigole, P.-J. 14156
Klinga, T. *see* Rigole, P.-J. 58283

Klingbeil, L.S., Wilson, M.R. Reactively sputtered aluminum nitride in GaAs processing 42520
Klingele, H., Steinbichler, H., Freymann, R., Honsberg, W., Haberstok, C. Holographic modal analysis for the separation of narrow-spaced eigenmodes [and automotive industry application] 48945
Klingele, H. *see* Dierckx, B. 48941
Klingenberg, H.H. *see* Greiner, U.J. 24250
Klinger, D., Auleytner, J., Zymierska, D. Theoretical study of Ge implanted silicon subjected to pulsed excimer (XeCl) laser radiation 22507
Klinger, D. *see* Wolf, E. 12192
Klinger, L.M., Chu, X., Bauer, C.L., Mullins, W.W. Grain-boundary slit propagation in an electric field 42768
Klinger, L.M., Chu, X., Mullins, W.W., Bauer, C.L. Grain-boundary slit propagation in an electric field 2432
Klingshirn, C. *see* Woggon, U. 32037
Klink, E. *see* Harrer, B. 39803
Klink, F.W. *see* Grenfell, M.W. 52197
Klinkenbusch, L. The spherical anechoic chamber as a theoretical tool for assessment of layered absorbers 14632
Klinker, G. *see* Carlbom, I. 18200
Klinksiek, S. *see* Fields, D.E. 59301
Klippel, P.J. *see* McCleary, A.D. 17795
Klippel, W. Nonlinear system identification for horn loudspeakers 7109
Klippel, W. Compensation for nonlinear distortion of horn loudspeakers by digital signal processing 27191
Klipstein, P.C., Lyapin, S.G., Trojan, I., Mason, N.J., Khan-Cheema, U.M., Symons, D.M., Daly, M.S., Lakrimi, M., Nicholas, R.J., Murgatroyd, I.J., Seong, T.Y., Booker, G.R., Hill, G., Walker, P.J. Controlled growth of interfaces in InAs/GaSb heterostructures: their structural, vibrational and electronic properties 12336
Klipstein, P.C. *see* Booker, G.R. 52669
Klipstein, P.C. *see* Lyapin, S.G. 22353
Klipstein, P.C. *see* Rau, G. 22385
Klir, G.J., Harmanec, D. Generalized information theory: recent developments 24613
Klishin, A.V. *see* Chertovskikh, A.G. 37490
Klisnick, A. *see* MacPhee, A.G. 13967
Klisnick, G., Redon, M. An efficient and high-performances CMOS op amp with rail-to-rail mode and high CMRR 53042
Klitzing, K.v. *see* v. Klitzing, K.
Klitzing, K.von *see* von Klitzing, K.
Klitzing, L.von *see* von Klitzing, L.
Kljajic, M. *see* Gider, F. 37841
Kljajic, M. *see* Tomsic, M. 37880
Klobertants, A.Ya. *see* Zhukov, M.F. 38600
Klobucar, T. *see* Ferreira, J.N. 6253
Klobucar, V. *see* Zdenkovic, J. 61184
Kloc, C. *see* Lisunov, K.G. 31896
Kloc, Ch., Fess, K., Kaefer, W., Friemelt, K., Riazi-Nejad, H., Wendl, M., Bucher, E. Crystal growth of narrow gap semiconductors for thermoelectric applications 30711
Kloc, K. *see* Nateprov, A. 61082
Kloch, A. *see* Hansen, P.B. 13652
Kloch, A. *see* Mikkelsen, B. 26895
Klochkov, E.R., Toporova, V.G. Formation of deposits on the fuel elements of water-cooled reactors 38491
Klocke, Th. *see* Neurohr, K. 22448
Klockhaus, H. *see* Banowski, D. 38368
Klockner, W. *see* Schulte, A. 19031
Klockow, S. Environmental compatibility testing (ECT) for high-voltage overhead lines 28908
Kloeppel, B. *see* Werner, H. 59627
Kloes, H.-J., Koenig, D. Multifactor-surface-tests of organic insulating materials in the early stage of degradation 8937
Kloeser, J., Ostmann, A., Aschenbrenner, R., Zakel, E., Reichl, H. Approaches to flip chip technology using electroless nickel-gold bumps 12009
Kloeser, J., Ostmann, A., Gwiasda, M., Bechtold, F., Zakel, E., Reichl, H. Low cost flip chip technologies based on chemical nickel bumping and solder printing 53829
Kloeser, J. *see* Jung, E. 20910
Kloeser, J. *see* Jung, E. 22094
Kloeser, J. *see* Kallmayer, C. 22090
Kloeser, J. *see* Ostmann, A. 22085
Kloess, G., Croell, A., Benz, K.W. Contactless measurement of dopant distribution using etch roughnesses 12143
Kloks, T. $K_{1,3}$-free and W_4n-free graphs 21065
Klontz, K. *see* Skiles, J.J. 20094
Klonz, M. CCE comparison of ac-dc voltage transfer standards at lowest level of uncertainty 27310
Klonz, M., Spiegel, T., Sasaki, H., Takahashi, K., Inglis, B.D. Fast reversed dc: basic reference for ac-dc transfer 27313
Klonz, M. *see* Kampik, M. 27359
Klonz, M. *see* Katzmann, F.L. 27358
Klonz, M. *see* Sasaki, H. 27357
Klonz, M. *see* Skubis, T. 27352
Klopf, J.M. *see* Vladimirsky, O. 43367
Klopf, J.M. *see* Vladimirsky, Y. 42805
Klopovskii, K.S. *see* Ivanov, V.V. 9717
Kloppel, B. *see* Winterer, G. 59700
Klopper, W. *see* van Heerden, S.P. 55802
Klopping, F.J. *see* Faller, J.E. 17188
Klos, A., Kostka, A. A new analytical method of solving 2D Poisson's equation in MOS devices applied to threshold voltage and subthreshold modeling 22804
Klos, A., Kostka, A. A new physics-based, predictive compact model for small-geometry MOSFET's including two-dimensional calculations with a close link to process and layout data 43055
Klose, E. *see* Kusch, S. 3530
Klose, F. *see* Tappert, J. 3192
Klose, G., Siahmakoun, A. External mode locking with feedback from a self-pumped phase-conjugator $BaTiO_3$ crystal 3943
Klose, G. *see* Martini, R. 22410
Klose, H. *see* Bertagnolli, E. 2796
Klose, H. *see* Scheiter, T. 12613
Klosner, M.A., Bender, H.A., Silfvast, W.T., Rocca, J.J. Intense plasma discharge source at 13.5 nm for extreme-ultraviolet lithography 22143
Klosowicz, S.J. Material properties of PDLC composites 13736
Klosowski, M. *see* Bialko, M. 1572
Kloss, C. *see* Acuna, M.H. 38011
Kloss, M. *see* Rahner, D. 9483
Kloss, M. *see* Rahner, D. 29586
Kloster, N. *see* Andreassen, R. 46890
Klosterman, D. *see* Melton, C. 22035
Klotz, F., Petzoldt, J. Modelling of conducted EMI 53018
Klotz, M. *see* Dovgalenko, G. 24228
Klotzkin, D., Zhang, X., Bhattacharya, P., Caneau, C., Bhat, R. Carrier dynamics in high-speed ($f_{-3\ dB}$>40 GHz) 0.98-μm multiquantum-well tunneling injection lasers determined from electrical impedance measurements 55695
Klouche-Djedid, A., Sekiguchi, T., Karasawa, Y. SIR and SNR improvement in wideband beam-space array processing 45726
Klouche-Djedid, A. *see* Sekiguchi, T. 21814
Klove, T. Bounds on the weight distribution of cosets 24724
Klove, T. *see* Chen, W. 24726
Klove, T. *see* Dodunekova, R. 24736
Klove, T. *see* Helleseth, T. 34592
Klovning, E. *see* Bonaventure, O. 6177
Klowsky, D.D. *see* Goriachkin, O.V. 27043
Kludzin, V.V., Kulakov, S.V., Molotok, V.V. Acousto-optic materials and acousto-optic cell applications 23605
Kludzin, V.V. *see* Kulakov, S.S. 13744
Kluender, J. *see* Panepucci, R. 22377
Kluender, J.F., Jones, A.M., Lammert, R.M., Baxer, J.E., Coleman, J.J. Growth, characterization and modeling of $In_xGa_{1-x}P$ stripes by selective-area MOCVD 10854
Kluft, W. Measuring principles and laser beam characterization procedures 55784
Kluft, W. *see* Foldvari, E.J. 24057
Kluge, E.E. *see* Brawn, I. 59325
Kluge, W. *see* Andryakov, A. 37226
Kluge-Weiss, P. *see* Glatz-Reichenbach, J. 943
Klugerman, M. *see* Shah, K.S. 59360
Kluiters, C.E. *see* Schmal, D. 20180
Kluiwstra, J.-U., Zhang, Y., VanBaren, P., Strickberg, S.A., Ebbini, E.S., Cain, C.A. Ultrasound phased arrays for noninvasive myocardial ablation: initial studies 28418
Kluiwstra, J.-U. *see* VanBaren, P. 18519
Kluisch, J. *see* Coene, C. 6383
Klump, R.P., Overbye, T.J. Assessment of transmission system loadability 50503
Klumpp, M. *see* Witte, F.-O. 17047
Klunder, J.D. *see* Corsaro, R.D. 17290
Klunder, J.D. *see* Corsaro, R.D. 17320
Klunder, J.D. *see* Corsaro, R.D. 18972
Klundert, J.van de *see* van de Klundert, J.
Klungtvedt, K. A study of effects of silicate thickened lubricants on the performance of electrical contacts 11829
Klunzinger, K. *see* Kurrer, R. 19918
Klusacek, V., Skvor, Z., Hoffmann, K. Vector measurement with scalar analyser 27866
Klusewitz, G., Rerick, R. Constraint management through the drum-buffer-rope system 30162
Klushin, A.M., Amatuni, L.E., Sodtke, E., Prusseit, W., Borovitskii, S.I., Gelikonova, V.D., Ainitdinov, Kh.A. Development and investigation of shunted YBCO bicrystal Josephson junction arrays for voltage standard 32909
Klushin, A.M., Prusseit, W., Sodtke, E., Amatuni, L.E., Kohlstedt, H. External frequency locking in shunted bicrystal Josephson junction arrays 43825
Kluth, E. Optical fibre sensors in reservoirs 51916
Kluth, O. *see* Winz, K. 39152
Kluwe, A. *see* Grassmann, A. 2525
Klyachko, A.V., Naumova, N.M., Potashev, S.I., Razin, V.I., Spevak, V.Ya., Dronov, V.V., Stifutkin, A.A., Sumarokov, A.V. System of multiwire proportional chambers and data-acquisition equipment in spectrometry of medium-energy particles 28026
Klyatis, L.M. One strategy of accelerated testing technique 52162
Klyavin, O.V. *see* Shreter, Yu.G. 12269
Klykov, D.M. *see* Ignatenko, E.I. 19466
Klyshko, D.N. *see* Sergienko, A.V. 24611
Klyuchev, V.I. Excavator electric drives 20149
Klyuev, M.S. *see* Volovov, V.I. 16985
Klyui, M. *see* Litovchenko, V. 42299
Klyui, N.I. *see* Evtukh, A.A. 53923
Klyui, N.I. *see* Litovchenko, V.G. 41753
Kmiecik, C., Hartnett, R. Turbocharging MATLAB® for the classroom 20584
Kmita, A.M. *see* Boritko, S.V. 18959
Knab, H.-J. The monitoring of operation of transformers: investigations of the insulating oil as an indispensable aid to diagnosis 19796
Knadle, K. *see* Arndt, S. 20902
Knadle, K. *see* Prakash, V. 328
Knadle, K. *see* Venkatraman, R. 31609
Knaell, K. Advances in three-dimensional SAR from practical apertures 27051
Knaflitz, M. *see* Bonato, P. 18426
Knap, W., Contreras, S., Alause, H., Skierbiszewski, C., Carnassel, J., Dyakonov, M., Robert, J.L., Yang, J., Chen, Q., Khan, M.A., Sadowski, M.L., Huant, S., Yang, F.H., Goiran, M., Leotin, J., Shur, M.S. Cyclotron resonance and quantum Hall effect studies of the two-dimensional electron gas confined at the GaN/AlGaN interface 54169
Knap, W., Zduniak, A., Dmowski, L.H., Contreras, S., Dyakonov, M.I. Study of transport, phase, and spin relaxation times of 2D electrons by means of pressure 22347
Knap, W. *see* Dmowski, L.H. 22348
Knap, W. *see* Grasdepot, F. 36766
Knap, W. *see* Perlin, P. 22236
Knap, W. *see* Zduniak, A. 12399
Knapp, A.G. *see* Young, N.D. 17545
Knapp, A.K. *see* Haiping Su 8412
Knapp, H. *see* Treitinger, L. 13114
Knapp, H. *see* Treitinger, L. 22952
Knapp, H. *see* Trost, H.P. 53648
Knapp, J. *see* Schwartz, D.B. 23710
Knapp, J.P., Wall, A. Streamlining the FCC equipment authorization process in response to changing global markets 45220
Knapp, R.B. *see* Lusted, H.S. 8166
Knapp, S.K., Krassin, E. Programmable logic for faster DSP applications 1223
Knapp, W. Test procedure for axis drives and numerical controls 29734
Knappe, R. *see* Robertson, A. 55561
Knappe, S. *see* Drung, D. 27427
Knappenberger, W. *see* Driver, T. 11694
Knappertsbusch, D. *see* von Hinzen, H. 60781
Knasel, D. *see* Kevern, J. 3362
Knauer, A., Rechenberg, I., Bugge, F., Gramlich, S., Oelgardt, G., Oster, A., Weyers, M. Influence of the growth temperature and substrate orientation on the layer properties of MOVPE-grown (Ga,In)(As,P)/GaAs 40357
Knauer, J.P. *see* Boehly, T.R. 14059
Knaup, R. *see* Vetter, J. 51891
Knaupp, W. Standardization of data sheet and nameplate specifications of photovoltaic modules 39176
Knaupp, W. Operation behaviour of roof installed photovoltaic modules 50832
Knaupp, W., Schekulin, D., Voigtlander, I., Bleil, A., Binder, C. Operation of a 10 kW PV facade with 100 W AC photovoltaic modules 39163
Knauss, L.A. *see* Chrisey, D.B. 10898
Knauss, L.A. *see* Horwitz, J.S. 40623
Knauss, M.P. *see* Joo, Y.-C. 42775
Knave, B. *see* Anderson, L.E. 38257
Knebel, D.R. *see* Deutsch, A. 43289
Knecht, J.M. *see* Burns, J.A. 22966
Knecht, S., Gonzalez, B., Sieber, K. Fusing current of short aluminum bond wire 1850
Knecht, S. *see* Gonzalez, B. 1847
Kneer, E.A. *see* Jeon, J.S. 42630
Knehans-Schmidt, R. *see* Schneider, J. 3105
Kneidel, T. System Processor MERLIN GR2000: powerful processor stands toughest conditions 6387
Kneidel, T. When the PostMan rings on Internet 47106
Kneip, J., Ohmacht, M., Wittenburg, J.P., Pirsch, P. Parallel implementation of medium level algorithms on a monolithic ASIMD multiprocessor 1500
Kneip, J., Pirsch, P. An object based data cache with conflict free concurrent access as shared memory for a parallel DSP 31284
Kneip, J., Pirsch, P. Memory efficient list based Hough transform for programmable digital signal processors with on-chip caches 46476
Kneissl, M. *see* Knupfer, B. 23707
Kneller, V.Yu. *see* Agamalov, Yu.R. 48371
Knez, N., Valencic, V. Measurement of muscle belly response to electrical stimulation 59719
Kniazkov, A. *see* Dovgalenko, G. 14420
Kniazkov, A. *see* Dovgalenko, G. 36924
Knick, D.C., Tomar, M.S., Kuenhold, K.A. Growth of III-V nitride films for optoelectronic devices 54074
Knickerbocker, C.J. *see* Koon, D.W. 7523
Knierim, A., Auer, R., Geerk, J., Linker, G., Meyer, O., Reiner, H., Schneider, R. High critical current densities of $YBa_2Cu_3O_{7-x}$ thin films on buffered technical substrates 32900
Knies, D. *see* Chrisey, D.B. 10898
Knies, D.L. *see* Dorsey, P.C. 43647
Knies, D.L. *see* Knudson, A.R. 23084
Knight, A. Laser marking looks to machine vision 31598
Knight, A.D. *see* Deutsch, A. 31562
Knight, C.D., DeWeerth, S.P. A shared remote testing environment for engineering education 20631

Knight, D.J.E., Pharaoh, K.I., Zucco, M. Frequency mixing to the 4th order in metal-insulator-metal diodes at 193 THz, 1.55 μm² 44725
Knight, D.J.E., Zucco, M., Pharaoh, K.I., Humphreys, D.A. Frequency measurements on HI and the Kr line at 1.548 μm 27370
Knight, D.T. Rapid development of tightly-coupled GPS/INS systems 36278
Knight, E. *see* Vincent, J.H. 39770
Knight, G. *see* Bhatti, S.N. 5980
Knight, I.P. *see* Williams, J.M. 50760
Knight, K., Christenson, R. Failure environment analysis system–MSFC an enhanced tool for hardware reliability in design 59962
Knight, K. *see* Kevern, J. 3362
Knight, K.S., Baba-Kishi, K.Z. Crystal structure refinements of disordered $Pb(Sc_{0.5}Nb_{0.5})O_3$ in the paraelectric and ferroelectric states 2902
Knight, P.L. *see* Vedral, V. 45495
Knight, R.C., Young, D.J., Horwill, C. Relocatable static VAr compensators help control unbundled power flows 38297
Knight, R.T. Absorbed dose conversion factors for therapeutic kilovoltage and megavoltage X-ray beams calculated by the Monte Carlo method 49815
Knight, R.T. *see* Alizadeh-Taheri, B. 18415
Knight, T.J., Greve, D.W., Xu Cheng, Krogh, B.H. Real-time multivariable control of PECVD silicon nitride film properties 30881
Knight, U.G. *see* Roa-Sepolveda, C.A. 19190
Knight, U.G. *see* Roa-Sepulveda, C.A. 19081
Knight, U.G. *see* Roa-Sepulveda, C.A. 19550
Knightly, E.W. *see* Zhang, H. 16418
Knights, A.P., Carlow, G.R., Zinke-Allmang, M., Simpson, P.J. Defect evolution in Co-implanted Si during annealing at 1000°C studied using variable-energy positrons and Rutherford backscattering 22535
Knill, E., Laflamme, R. Theory of quantum error-correcting codes 34496
Knill, E. *see* Faber, V. 572
Knill, J. Targeting and tendering through relationship marketing 39648
Knill, K.M., Young, S.J. Fast implementation methods for Viterbi-based word-spotting 15049
Knipe, J., Xiaobo Li A new quadtree decomposition reconstruction method 5393
Knipe, R.L. Challenges of a Digital Micromirror Device™: modeling and design 23572
Knippels, G.M.H., van der Meer, A.F.G., Oepts, D., van Amersfoort, P.W. Generation of frequency-chirped optical pulses in a large-slippage free-electron laser 14204
Knippels, G.M.H. *see* Jaroszynski, D.A. 44590
Knippels, G.M.H. *see* Weits, H.H. 33589
Knishevskaya, L., Pozhela, K., Tamoshiuniene, M., Shugurov, R. Numerical analysis of open circular longitudinally magnetized p-Ge and n-InSb waveguides 14665
Knishevskaya, L. *see* Burneika, I. 45304
Knisley, J.R. Installing copper and fiber datacom networks in a renovated retail store 57931
Knisley, J.R. Avoiding pitfalls in lighting retrofits 61326
Knisley, S.B. Mapping intracellular calcium in rabbit hearts with fluo 3 49739
Knisley, S.B. *see* Winfree, A.T. 7865
Knittel, G. A PCI-compatible FPGA-coprocessor for 2D/3D image processing 21718
Knittel, J. *see* French, M. 59032
Knittel, R., Kung, A.H. 39.5% conversion of low-power Q-switched Nd:YAG laser radiation to 266 nm by use of a resonant ring cavity 55568
Knitter, R., Gunther, E., Odemer, C., Maciejewski, U. Ceramic microstructures and potential applications 52841
Knittle, C.D. *see* Jaramillo, P.D. 46973
Knize, R.J. *see* Ai, B. 14303
Knizikevicius, R., Galdikas, A., Grigonis, A., Pranevicius, L., Rutkuniene, Z. Simulation of silicon dry etching through a mask in low pressure fluorine-based plasma 32204
Knoblauch, D. *see* Becks, K.H. 59228
Knobloch, H., Orendi, H., Stiller, B., Buechel, M., Knoll, W., Seki, T., Ito, S., Brehmer, L. Command surface induced switching of the optical properties of liquid crystalline thin film structures 23596
Knobloch, J., Glunz, S.W., Biro, D., Warta, W., Schaffer, E., Wettling, W. Solar cells with efficiencies above 21% processed from Czochralski grown silicon 39192
Knobloch, J., Hess, P. In situ infrared transmission spectroscopy of nucleation and growth of amorphous hydrogenated silicon 21329
Knobloch, J., Kuschnereit, R., Hess, P. Diagnostics of growth and film properties of amorphous silicon 21358
Knobloch, J. *see* Glunz, S.W. 51560
Knobloch, J. *see* Padamsee, H. 37049
Knobloch, K., Alexander, H. Behaviour of an amphoteric defect under standard DLTS and beam injection DLTS, respectively 31769
Knobloch, K., Seifert, W., Kittler, M. Application of scanning deep level transient spectroscopy for characterisation of multicrystalline silicon 39037
Knoche, A. *see* Ciancarini, P. 57856
Knochenhauer, W. *see* Nordmann, I. 52858
Knoeckel, H. *see* Tiemann, E. 7140
Knoepfle, K.T. *see* Bauer, C. 37326
Knoepfle, K.T. *see* Bauer, C. 37378
Knoesen, A., Hamilton, S.A., Yankelevich, D.R., Hill, R.A., Weverka, R.T., Bjorklund, G.C. In-line fiber electro-optic modulators: Decal deposition of patches of poled nonlinear polymers 55315
Knoesen, A. *see* Hill, R.A. 26719
Knoester, P.C. *see* Frenken, R.M.L. 19533
Knoke, S. *see* Golla, D. 14074
Knol, D.A. *see* Tellez, G.E. 1079
Knoll, A. MSDL: MPEG-4 systems and description languages 5227
Knoll, A., Schroder, R., Wolfram, A. Generation of dense range maps by data fusion from active and passive colour stereo vision 25490
Knoll, D., Fischer, G., Ehwald, K.E., Heinemann, B., Schley, P., Zeindl, H., Tillack, B., Morgenstern, T., Wolff, A. Base currents of Si/SiGe/Si HBT in dependence on the processing conditions 2600
Knoll, D. *see* Herzel, F. 42940
Knoll, D. *see* Kim, M. 2191
Knoll, G.F. *see* He, Z. 59273
Knoll, G.F. *see* Miyamoto, J. 59269
Knoll, G.F. *see* Wilderman, S.J. 59503
Knoll, G.F. *see* Zhong He 37333
Knoll, M. *see* Williams, D. 1369
Knoll, W. *see* Knobloch, H. 23596
Knoll, W. *see* Paul, S. 32343
Knoll, W. *see* Sekkat, Z. 55153
Knolle, D. *see* Ratschko, D. 49310
Knollenberg, B.A. *see* Mitchell, J.R. 336
Knoop, M., Kohle, S. Time-varying loads in electric power systems: power input, equivalent circuit elements, and disturbances 50332
Knoos, T. *see* Blad, B. 8111
Knop, C.M., Frazer, R. A study of small-height HF jamming antennas for vehicular use 24566
Knopf, G.K., Kofman, J. Neural network mapping of image-to-object coordinates for 3-D shape reconstruction 35011
Knopf, G.K., Shiping Zhu Detection of moving targets using approximate knowledge of camera motion 35136
Knopf, O. *see* Bertus, K. 38399
Knopf, U. *see* Clay, P. 49023
Knopf, U. *see* Grygiel, G. 49016
Knopf, W. *see* Antos, J. 37373
Knopfle, G. *see* Follonier, S. 55845
Knopfle, K.T. *see* Abt, I. 7783
Knopfle, W. *see* Roth, A. 8403
Knopman, J., Aude, J.S. Parallel simulated annealing: an adaptive approach 52953
Knopp, J., Morelli, M.V., Monroe, S.E., Jr., Juday, R.D. Pixel-level complex control of an Epson LCTV SLM 3485
Knopp, J. *see* Juday, R.D. 4140
Knopp, J. *see* Rüs, J.O. 39665
Knopp, K.J., Christensen, D.H., Hill, J.R. Vertical cavity surface emitters with low-ripple optical pump bands 3901
Knopp, K.J., Christansen, D.H., Hill, J.R. Vertical-cavity surface-emitting lasers with low-ripple optical pump bands 23880
Knopp, K.J., Christensen, D.H., Hill, J.R., Masterson, K.D. Thin-film design for enhanced stability of optically pumped vertical-cavity surface-emitting lasers (VCSELs) 44446
Knopp, M.V., Essig, M., Debus, J., Zabel, H.-J., van Kaick, G. Unusual burns of the lower extremities caused by a closed conducting loop in a patient at MR imaging 8010
Knopp, M.V. *see* Debus, J. 59405
Knorr, A. *see* Chow, W.W. 33491
Knorr, C., Wilhelm, U., Harle, V., Ottenwalder, D., Scholz, F., Hangleiter, A. A mechanism for low-power all-optical switching in multiple-quantum-well structures 22332
Knorr, K., Pristovsek, M., Resch-Esser, U., Esser, N., Zorn, M., Richter, W. In situ surface passivation of III-V semiconductors in MOVPE by amorphous As and P layers 42434
Knorr, K. *see* Kurpas, P. 40347
Knorr, U., Zacharias, L. Innovative simulation methods in power electronics and drive technology on personal computers 60871
Knorr, U. *see* Ebest, G. 50833
Knospe, C.R., Fedigan, S.J., Hope, R.W., Williams, R.D. A multitasking DSP implementation of adaptive magnetic bearing control 32884
Knotek, S. *see* Halpern, M. 7211
Knoth, E.A., Challita, A. A diagnostic technique for understanding startup of metal armatures 24406
Knott, A., Emmett, A. LAN: networking over Sonet 16661
Knotts, T. *see* Gallagher, M. 32228
Knowles, I., Neville, C. The re-integration of homebound people into work 6173
Knowles, I. *see* Kelkar, N. 52174
Knowles, K.A. *see* Lewis, D.D. 57769
Knowles, M. Will UK privatization promote CHP in community heating? 9088
Knowles, M. *see* Kearsley, A.J. 174
Knowles-Spittle, C., Al Zahawi, B.A.T., MacIsaac, N.D. Steady-state analysis and simulation of sinusoidal slip-energy recovery drive 20119
Knowlton, B. *see* Farhoomand, J. 33261
Knowlton, B.D. *see* Thompson, C.V. 2423
Knowlton, W.B., Walton, J.T., Lee, J.S., Lewak, D., Wong, Y.K., Haller, E.E. Properties of silicon point defects as revealed by lithium ion drifting 42415
Knowlton, W.B. *see* Shutt, T. 37472
Knox, D., Mewbourne, D. International Aerial Robotics Competition Southern College of Technology 59921
Knox, F.M. *see* Smith, N.J. 33650
Knox, W.H. *see* Collins, B.C. 33447
Knox, W.H. *see* Cundiff, S.T. 25845
Knox, W.H. *see* Ford, J.E. 36176
Knox, W.H. *see* Tsuda, S. 33404
Knox, W.H. *see* Tsuda, S. 55905
Knox Carey, W., Hemami, S.S., Heller, P.N. Smoothness-constrained wavelet image compression 57297
Knuckey, M. *see* Warzanskyj, W. 26388
Knudsen, E. *see* Tammet, H. 50066
Knudsen, L., Preneel, B. Hash functions based on block ciphers and quaternary codes 4554
Knudsen, L.R. Chosen-text attack on CBC-MAC 24664
Knudsen, M. *see* Borsting, H. 51007
Knudsen, M. *see* Rasmussen, H. 9244
Knudsen, M. *see* Rasmussen, H. 51694
Knudson, A. *see* Buchner, S. 23012
Knudson, A.R., Buchner, S., McDonald, P., Stapor, W.J., Campbell, A.B., Grabowski, K.S., Knies, D.L., Lewis, S., Zhao, Y. The effects of radiation on MEMS accelerometers 23084
Knudson, A.R. *see* McMorrow, D. 22888
Knudtson, J.T., Levy, D.S., Herr, K.C. Electronically tunable, first-order Fabry-Perot infrared filter 44168
Knulst, J. *see* Espedal, H.A. 18913
Knupfer, B., Muller, N., Welker, M., Dankowski, S.U., Hilburger, U., Kiesel, P., Kneissl, M., Dohler, G.H. Monolithic waveguide-based smart pixel operating at 120 Mb/s 23707
Knupp, P.M. Jacobian-weighted elliptic grid generation 590
Knurek, C.S. *see* Harriott, L.R. 22700
Knurek, C.S. *see* Harriott, L.R. 42874
Knuth, D.E. *see* Corless, R.M. 606
Knuth, H.D. *see* Hickernell, F.S. 13384
Knutson, C.D. Developing quality [client/server applications] 6093
Knutson, K.L., Cooper, T.L. Response surface technique for ex situ process uniformity optimization in a multi-zone RTP system 22487
Knutsson, H. *see* Karlholm, J. 15732
Knutsson, H. *see* Ulvklo, M. 15720
Knuttgen, D., Nieden, K.Z., Muller-Gorges, M.-R., Jahn, M., Doehm, M. Computer aided analysis of heart rate variability in brain death 59692
Knyaz', A.I. Isoimpedance medium as waveforms creators 4227
Knyazev, S.N. *see* Buzanov, O.A. 10624
Knyazhitskii, A.I., Karpovich, I.V., Etingof, M.I. Inductive instruments for measuring the diameters of deep holes 48917
Knyazyan, T.M. *see* Baghdasaryan, H.V. 33675
Knystautas, E.J. *see* Goldberg, F. 10842
Ko, C. *see* Yamazaki, K. 20445
Ko, C.C. *see* Chin, F.P.S. 24919
Ko, C.C. *see* Garg, H.K. 24932
Ko, C.C. *see* Krishna Garg, H. 45851
Ko, H.S. *see* Kihm, K.D. 27976
Ko, H.S. *see* Kim, Y.M. 697
Ko, H.S. *see* Lee, J.H. 34825
Ko, I.S., Cho, M.H., Bak, J.S., Choi, J., Lee, H.S., Namkung, W. Operational status of PLS 2-GeV electron linac 37017
Ko, I.S., Kim, J.H., Kim, J.M., Kim, S.C., Lee, G.S., Choi, J., Namkung, W. Current status of control system for PLS 2-GeV linac 37111
Ko, I.S. *see* Oh, J.S. 51267
Ko, J., Chen, C.-H., Coldren, L.A. Low threshold MBE-grown AlInGaAs/AlGaAs strained multi-quantum-well lasers by rapid thermal annealing 3811
Ko, J., Ching-Hui Chen, Coldren, L.A., Hu, E.L. Low threshold MBE-grown AlInGaAs-AlGaAs strained multiquantum-well lasers by rapid thermal annealing 55608
Ko, J. *see* Akulova, Y.A. 33532
Ko, J. *see* Akulova, Y.A. 55649
Ko, J. *see* Strzelecka, E.M. 55612
Ko, J. *see* Wipiejewski, T. 3841
Ko, J. *see* Wipiejewski, T. 23930
Ko, J. *see* Yoo, J. 13481
Ko, J.C. *see* Akulova, Y.A. 44530
Ko, J.H., Kang, S.C., Kim, J.M., Cho, Y.K., Son, H. The study of artificially soft and hard surfaces using periodic strips loaded with two layered dielectric slabs over a ground plane 45054
Ko, J.H. *see* Cho, Y.K. 4243
Ko, K., Erickson, R.R., Webster, J.M. Holography and the virtual patient: the holographic medical image 49542
Ko, K. *see* Heifets, S. 49221
Ko, K. *see* Jones, R.M. 49049
Ko, K. *see* Miller, R.H. 49048
Ko, K. *see* Ruth, R.D. 49165
Ko, K. *see* Seidel, M. 49050
Ko, K. *see* White, M. 37030
Ko, K.D. *see* Bremer, G. 26053
Ko, K.K., Berg, E.W., Pang, S.W. Effects of etch-induced damage on the electrical characteristics of in-plane gated quantum wire transistors 22879
Ko, K.T. *see* Wong, E.W.M. 5737

Ko, P.K. *see* Assaderaghi, F. 32409
Ko, P.K. *see* Assaderaghi, F. 42332
Ko, P.K. *see* Banna, S.R. 2630
Ko, P.K. *see* Banna, S.R. 2697
Ko, P.K. *see* Chain, K. 54562
Ko, P.K. *see* Chan, A.B.Y. 32413
Ko, P.K. *see* Fung, S.K.H. 22820
Ko, P.K. *see* Lau, J. 7265
Ko, P.K. *see* Lau, J. 13448
Ko, S.-K. *see* Lee, C.-H. 806
Ko, S.-T., Senga, T., Umegaki, S. Quasi-phase-matched second-harmonic generation using a planar waveguide with an X-axis inverted periodical structure of 2-methyl-4-nitroaniline (MNA) crystals 24161
Ko, T.Y. *see* Chung, B. 53917
Ko, T.Y. *see* Lee, S. 53918
Ko, U., Balsara, P.T., Nanda, A.K. Energy optimization of multi-level processor cache architectures 21682
Ko, U., Hill, A., Balsara, P.T. Design techniques for high-performance, energy-efficient control logic 11276
Ko, W.H. The future of sensor and actuator systems 2872
Ko, W.L. *see* Mittra, R. 36298
Ko, Y.F. Automatic call generation and analysis–network testing and cellular survey tools 16621
Ko, Y.H. *see* Yoon, S.H. 45592
Ko, Y.T. *see* Lee, S.H. 23813
Ko Chen-Ken *see* Chen-Ken Ko
Ko Chuen-Jyi *see* Chuen-Jyi Ko
Ko Do Kyeong *see* Do Kyeong Ko
Ko Do-Kyeong *see* Do-Kyeong Ko
Ko Dong-Hwan *see* Dong-Hwan Ko
Ko Han-Il *see* Han-Il Ko
Ko Hyun-Chul *see* Hyun-Chul Ko
Ko Hyung Hwa *see* Hyung Hwa Ko
Ko Il-Ju *see* Il-Ju Ko
Ko Jin-Su *see* Jin-Su Ko
Ko Ka-Pui *see* Ka-Pui Ko
Ko Ka-Shu *see* Ka-Shu Ko
Ko Kuo-Tu *see* Kuo-Tu Ko
Ko Min-Jin *see* Min-Jin Ko
Ko Ming-Tak *see* Ming-Tak Ko
Ko Ming-Tat *see* Ming-Tat Ko
Ko Myung-Sook *see* Myung-Sook Ko
Ko Ping K. *see* Ping K. Ko
Ko Ping Keung *see* Ping Keung Ko
Ko Sung-Jea *see* Sung-Jea Ko
Ko Tsung-Chieh *see* Tsung-Chieh Ko
Ko Yoneda *see* Sawada, T. 44968
Ko Young-Jo *see* Young-Jo Ko
Ko-Teh Lin *see* Hsiao-Lung Chan 49696
Koay, J. *see* Abbate, A. 34726
Koba, K. *see* Sato, H. 59166
Koba, Y. *see* Amano, K. 27188
Kobabayashi, K. Latest advances and future plans for optical interconnections, switching, and storage 13893
Koban, R. *see* Zojer, B. 26386
Kobara, K., Imai, H. Limiting the visible space visual secret sharing schemes and their application to human identification 5668
Kobashi, K. *see* Yokota, Y. 30762
Kobashi, S., Kamiura, N., Hata, Y., Yamato, K. 3D automatic extraction method of the brain regions aided by fuzzy matching techniques 49480
Kobashi, S., Morinaga, N., Hirano, S., Kamiura, N., Hata, Y., Yamato, K. Computer aided system for the diagnosis of the Alzheimer's disease 49432
Kobashi, S. *see* Morinaga, N. 49481
Kobatake, E. *see* Aizawa, M. 7437
Kobatake, H., Murakami, M. Adaptive filter to detect rounded convex regions: iris filter 5389
Kobatake, H. *see* Okuno, K. 49454
Kobatake, H. *see* Yoshinaga, Y. 49453
Kobayakawa, K. *see* Sato, Y. 19957
Kobayakawa, T. *see* Endo, H. 59470
Kobayash, T., Saito, R., Kimura, J., Nakatomi, T., Nagai, N., Arai, H., Wuertele, D., Fujiwara, H., Nishi, K., Okada, Y. VLSI implementation of a complete chip set for an MPEG2 real-time encoder 1455
Kobayashi, A., Takano, S., Kubono, T. Measuring equipment and measurements of adhesive force between gold electrical contacts 11832
Kobayashi, A., Takano, S., Kubono, T. Influence of the number of sliding motions on adhesive force between gold electrical contacts 22002
Kobayashi, A., Takano, S., Kubono, T. Apparatus to measure adhesive force between electrical contacts and measurements on Au electrical contacts 22010
Kobayashi, A. *see* Bushida, K. 7534
Kobayashi, A. *see* Hasegawa, T. 9419
Kobayashi, A. *see* Ohyama, S. 17774
Kobayashi, A. *see* Tamura, Y. 7086
Kobayashi, A. *see* Tomimasu, T. 33583
Kobayashi, C. *see* Hosaka, N. 35677
Kobayashi, D., Fujita, H. Design, fabrication and operation of a micromachined tunneling control unit 32583
Kobayashi, E. *see* Kawasumi, Y. 12627
Kobayashi, E. *see* Shima, T. 12696
Kobayashi, F. Virtual R-elements in bond graph analysis 10301
Kobayashi, F., Haratsu, M., Yabumoto, M., Nakano, M. Efficient digital techniques for implementing a class of fast phase-locked loops (PLL's) 11236
Kobayashi, F., Nomura, A., Kano, T. Effects of deposition rate control process on the adhesion of evaporated aluminum films 839
Kobayashi, F. *see* Tadokoro, T. 44574
Kobayashi, F. *see* Tsuboi, H. 44956
Kobayashi, H. Four essential points in developing automotive sensors 39359
Kobayashi, H., Hara, F. Anthropomorphic media approach to human-computer interactive communication using face robot 57119
Kobayashi, H., Kiya, I. A design method for oversampled DFT filter banks with the minimum delay 11585
Kobayashi, H., Takigawa, K. Islanding prevention method for PV systems using instantaneous output variation control 38647
Kobayashi, H., Tanaka, S. The present and future prospects of electroluminescent phosphors 13817
Kobayashi, H., Yuki, M., Yasuoka, Y. Effects of substrate thickness on the gain of millimeter and submillimeter wave slot antennas 34196
Kobayashi, H. *see* Abe, H. 7241
Kobayashi, H. *see* Daud, A. 13824
Kobayashi, H. *see* Endou, E. 47468
Kobayashi, H. *see* Hamakawa, A. 14194
Kobayashi, H. *see* Higuchi, T. 22637
Kobayashi, H. *see* Hiratsuka, N. 36734
Kobayashi, H. *see* Hirono, T. 42184
Kobayashi, H. *see* Imada, M. 44501
Kobayashi, H. *see* Inoue, W. 47275
Kobayashi, H. *see* Ishikawa, H. 6595
Kobayashi, H. *see* Ishizuki, H. 17519
Kobayashi, H. *see* Ito, K. 25287
Kobayashi, H. *see* Kawabata, K. 48880
Kobayashi, H. *see* Menlove, H.O. 7179
Kobayashi, H. *see* Mizumoto, H. 15958
Kobayashi, H. *see* Mori, H. 28842
Kobayashi, H. *see* Nishikawa, H. 57714
Kobayashi, H. *see* Ohmi, K. 33281
Kobayashi, H. *see* Ohmori, Y. 60739
Kobayashi, H. *see* Ohsawa, S. 49204
Kobayashi, H. *see* Sasaki, T. 41094
Kobayashi, H. *see* Shidara, T. 49303
Kobayashi, H. *see* Shiomi, H. 12296
Kobayashi, H. *see* Takahashi, N. 23321
Kobayashi, H. *see* Takigawa, K. 38954
Kobayashi, H. *see* Taniguchi, Y. 7321
Kobayashi, H. *see* Tobari, T. 41274
Kobayashi, H. *see* Yamamoto, T. 23945
Kobayashi, H. *see* Yamamoto, T. 26778
Kobayashi, H. *see* Yasuoka, Y. 27563
Kobayashi, I. *see* Arai, T.T. 836
Kobayashi, I. *see* Miyagi, K. 59001
Kobayashi, J., Kinoshita, M., Kita, J., Yoshino, K. The IR modulator utilizing light scattering effect with ferroelectric liquid crystal for gas analysis 13714
Kobayashi, J. *see* Fujino, N. 42486
Kobayashi, K. The effects of hysteresis curves of glass-passivated MOS capacitors exposed to water vapour 1739
Kobayashi, K. Recovery of hysteresis capacitance-voltage curves of MOS capacitors passivated with bubbled fluoride-containing glasses 22466
Kobayashi, K. A combinatorial consideration of the error-correcting capability of difference-set cyclic codes 34580
Kobayashi, K. The Kolmogorov complexity, universal distribution, and coding theorem for generalized length functions 56317
Kobayashi, K., Givord, D., Coey, J.M.D. Magnetisation reversal in $Sm_2Fe_{17}N_3$ particles 3136
Kobayashi, K., Kinoshita, M., Takeuchi, M., Onodera, H., Tamaru, K. A functional memory type parallel processor for vector quantization 41261
Kobayashi, K., Rao, X.-L., Coey, J.M.D., Givord, D. Susceptibility and magnetization processes in $Sm_2Fe_{17}N_3$ powders 3047
Kobayashi, K., Sakata, T., Matsumoto, Y., Kubota, S. Fully digital burst modem for satellite multimedia communication systems 36056
Kobayashi, K., Sasaki, H. Applications of ZnO-based glass membranes to MOS devices 2673
Kobayashi, K., Takahashi, Y. The tail behavior of the stationary distribution of a fluid queue with a Gaussian-type input rate process 57609
Kobayashi, K., Teramoto, A., Nakamura, T., Watanabe, H., Kurokawa, H., Matsui, Y., Hirayama, M. High reliability of nanometer-range N_2O-nitrided oxides due to suppressing hole injection 43060
Kobayashi, K., Unno, K., Takizawa, H., Adachi, S. Chemical treatment effect of Si(111) surfaces in H_2SO_4:H_2O_2 solution 22598
Kobayashi, K., Yamamoto, S., Yamanaka, A., Nakagome, Y., Fujita, Y., Kanazawa, S., Kimura, I. Characteristics of the Kyoto University Lead Slowing-down Spectrometer (KULS) coupled to an electron LINAC 37531
Kobayashi, K. *see* Ahlswede, R. 34599
Kobayashi, K. *see* Cheok, K.C. 20205
Kobayashi, K. *see* Homma, Y. 10087
Kobayashi, K. *see* Kameyama, K. 7867
Kobayashi, K. *see* Kawashima, S. 58484
Kobayashi, K. *see* Kumagai, T. 47782
Kobayashi, K. *see* Mazumder, M.K. 54278
Kobayashi, K. *see* Nishida, Y. 33422
Kobayashi, K. *see* Ogata, T. 52791
Kobayashi, K. *see* Onuki, M. 47724
Kobayashi, K. *see* Sameshima, Y. 31605
Kobayashi, K. *see* Sapmaz, S. 45085
Kobayashi, K. *see* Sato, M. 55040
Kobayashi, K. *see* Shibata, Y. 20221
Kobayashi, K. *see* Shibata, Y. 44325
Kobayashi, K. *see* Shigetani, H. 40396
Kobayashi, K. *see* Shiomi, S. 37630
Kobayashi, K. *see* Veliev, E.I. 45087
Kobayashi, K. *see* Veliev, E.I. 56006
Kobayashi, K. *see* Yamamoto, N. 2479
Kobayashi, K. *see* Yamamoto, S. 18119
Kobayashi, K. *see* Yamashita, T. 41172
Kobayashi, K. *see* Yamashita, T. 51286
Kobayashi, K.W., Cowles, J., Tran, L.T., Block, T.R., Oki, A.K., Streit, D.C. A 2-50 GHz InAlAs/InGaAs-InP HBT distributed amplifier 41495
Kobayashi, K.W., Oki, A.K., Cowles, J., Tran, L.T., Grossman, P.C., Block, T.R., Streit, D.C. The voltage-dependent IP3 performance of a 35-GHz InAlAs/InGaAs-InP HBT amplifier 31526
Kobayashi, K.W., Oki, A.K., Umemoto, D.K., Block, T.R., Streit, D.C. A monolithic integrated HEMT-HBT S-band receiver 41494
Kobayashi, K.W., Streit, D.C., Oki, A.K., Umemoto, D.K., Block, T.R. A novel monolithic HEMT LNA integrating HBT-tunable active-feedback linearization by selective MBE 21963
Kobayashi, K.W., Tran, L.T., Cowles, J., Block, T.R., Oki, A.K., Streit, D.C. Low dc power high-gain bandwidth product InAlAs/InGaAs-InP HBT direct-coupled amplifiers 32538
Kobayashi, K.W., Tran, L.T., Lammert, M.D., Oki, A.K., Streit, D.C. Transimpedance bandwidth performance of an HBT loss-compensated coplanar waveguide distributed amplifier 11718
Kobayashi, K.W., Tran, L.T., Oki, A.K., Lammert, M., Block, T.R., Streit, D.C. An 18-22-GHz down-converter based on GaAs/AlGaAs HBT-Schottky diode integrated technology 41512
Kobayashi, K.W., Tran, L.T., Oki, A.K., Lammert, M.D., Streit, D.C. Optimising a GaAs HBT amplifier for maximum gain efficiency 1729
Kobayashi, M., Ikoma, K., Furuya, K., Shinohara, K., Takao, H., Miyoshi, M., Imanishi, Y., Watanabe, T. Thermoelectric generation and related properties of conventional type module based on Si-Ge alloy 39247
Kobayashi, M., Iwano, S., Nagase, R., Mitachi, S. A new physical contact connection method using the buckling force of optical fiber 43944
Kobayashi, M., Iwata, H., Hanzawa, H., Yoshiue, T., Endo, S. Raman scattering and photoluminescence of Mn-doped nanocrystals of ZnS formed by the pressure cycle method 22249
Kobayashi, M., Iwata, H., Horiguchi, T., Endo, S. High pressure effects on optical properties of CdS 22250
Kobayashi, M., Ohta, M. On detection of motion by wavelet transform for an acoustic visual aid system 49800
Kobayashi, M., Yamaguchi, T., Hirai, H., Tsuneta, K., Arai, T., Onoyama, K. Adaptive control of a hybrid servo system for magnetic disk drives 32830
Kobayashi, M., Yokosawa, K., Itoh, Y. An adaptive IIR digital filter based on the estimation of allpass system and minimum-phase system 41324
Kobayashi, M. *see* Ishii, Y. 3560
Kobayashi, M. *see* Kaneyuki, K. 9677
Kobayashi, M. *see* Kato, S. 14530
Kobayashi, M. *see* Komatsu, Y. 9254
Kobayashi, M. *see* Kurahashi, T. 16605
Kobayashi, M. *see* Kurakake, H. 55606
Kobayashi, M. *see* Miura, T. 21870
Kobayashi, M. *see* Nakahigashi, T. 30930
Kobayashi, M. *see* Satoh, M. 31796
Kobayashi, M. *see* Tsuruda, T. 41139
Kobayashi, M. *see* Yabuuchi, Y. 9279
Kobayashi, M. *see* Yamamoto, T. 23945
Kobayashi, M. *see* Yamamoto, T. 26778
Kobayashi, N., Hara, T. Improvement of damping on multi-machine power systems by thyristor controlled series capacitor with local signal 28788
Kobayashi, N., Hasegawa, M., Katsumata, H., Makita, Y., Shibata, H., Uekusa, S. Growth of $Si_{1-x}Sn_x$ layers on Si by ion-beam-induced epitaxial crystallization (IBIEC) and solid phase epitaxial growth (SPEG) 10791
Kobayashi, N., Kobayashi, Y., Uwai, K. Chemical trend observed in anisotropic surface reflectance spectra of MOVPE by surface photoabsorption 40351
Kobayashi, N., Zhu, D.H., Katsumata, H., Kakemoto, H., Hasegawa, M., Hayashi, N., Shibata, H., Makita, Y., Uekusa, S., Tsukamoto, T. Crystallization of SiSn and SiSnC layers in Si by solid phase epitaxy and ion-beam-induced epitaxy 42392
Kobayashi, N. *see* Ando, H. 42171
Kobayashi, N. *see* Ando, S. 44466
Kobayashi, N. *see* Ando, S. 52659
Kobayashi, N. *see* Fukuda, T. 866
Kobayashi, N. *see* Han, G.C. 43743
Kobayashi, N. *see* Hara, T. 38290
Kobayashi, N. *see* Harada, K. 12700
Kobayashi, N. *see* Horikoshi, Y. 52694
Kobayashi, N. *see* Kasu, M. 40352
Kobayashi, N. *see* Kasu, M. 40387

Kobayashi, N. *see* Katsumata, H. 2314
Kobayashi, N. *see* Katsumata, H. 31930
Kobayashi, N. *see* Katsumata, H. 42030
Kobayashi, N. *see* Kawasumi, Y. 12627
Kobayashi, N. *see* Makimoto, T. 12641
Kobayashi, N. *see* Makimoto, T. 31860
Kobayashi, N. *see* Miura, S. 4206
Kobayashi, N. *see* Miyazaki, T. 55103
Kobayashi, N. *see* Saito, H. 32115
Kobayashi, N. *see* Saito, H. 40458
Kobayashi, N. *see* Shibata, H. 31907
Kobayashi, N. *see* Uwai, K. 12259
Kobayashi, N. *see* Watanabe, K. 3301
Kobayashi, N. *see* Yoo, W. 17779
Kobayashi, O., Ohira, T., Ogawa, H. A novel Butler matrix-based beam forming network architecture for multiple antenna beam steering 56203
Kobayashi, O. *see* Tsukamoto, S. 1515
Kobayashi, R., Tajima, K., Kuwabara, N., Tokuda, M. Theoretical analysis of the sensitivity on electric field sensor using $LiNbO_3$ optical modulator 17722
Kobayashi, R. *see* Tajima, K. 17723
Kobayashi, S. Recent experiments on vacuum breakdown of oxygen-free copper electrode 23185
Kobayashi, S. Multimedia systems will put LCD advantages on display 36793
Kobayashi, S. *see* Aoki, I. 40950
Kobayashi, S. *see* Du, B. 13281
Kobayashi, S. *see* Ghafouri-Shiraz, H. 44184
Kobayashi, S. *see* Iijima, T. 37238
Kobayashi, S. *see* Ishikawa, H. 32053
Kobayashi, S. *see* Kamiya, A. 50484
Kobayashi, S. *see* Kato, T. 55151
Kobayashi, S. *see* Kazawa, H. 42344
Kobayashi, S. *see* Koike, H. 2999
Kobayashi, S. *see* Kurasawa, M. 10783
Kobayashi, S. *see* Maeda, K. 33186
Kobayashi, S. *see* Mineta, T. 27925
Kobayashi, S. *see* Nakamura, K. 53201
Kobayashi, S. *see* Nishikawa, M. 23598
Kobayashi, S. *see* Shkvarunets, A. 1947
Kobayashi, S. *see* Sugimoto, Y. 59202
Kobayashi, S. *see* Taiahashi, K. 10318
Kobayashi, S. *see* Tanaka, H. 16561
Kobayashi, S. *see* Tobari, T. 41274
Kobayashi, S. *see* Tumiran 28919
Kobayashi, S. *see* Uehara, T. 2803
Kobayashi, S. *see* Unno, Y. 37395
Kobayashi, S. *see* Yamada, Y. 42129
Kobayashi, S.-I. *see* Ono, K. 12598
Kobayashi, S.I. *see* Yagi, R. 13509
Kobayashi, T., Maki, T. Prospects of semiconducting diamond electronics 22214
Kobayashi, T., Minaki, M., Takashima, K., Uchida, K., Nakahara, J. Time-resolved photoluminescence study of ordered $Ga_{0.5}In_{0.5}P$ under high pressure 22225
Kobayashi, T., Morioka, Y., Yokoyama, A. Damping enhancement of multimachine power system using adaptive generator control system with neural networks 38292
Kobayashi, T., Nakamura, O., Matsumura, S., Yamamori, K. Message input system using character recognition 35177
Kobayashi, T., Nishimura, O., Kakusho, K., Dan, S., Kitahashi, T. Shape recovery to communicate rough 3D shape by its monocular hand-written figure 5031
Kobayashi, T., Sasaki, K., Koike, Y. High-power polymer optical fiber amplifier 44372
Kobayashi, T., Tajima, F., Ito, M., Shibukawa, S. Effects of slot combination on acoustic noise from induction motors 50996
Kobayashi, T., Yamamoto, H., Sasamori, K. 1000 kV gas-insulated switchgear 51380
Kobayashi, T., Yamamoto, I. Dynamic fracture characteristics in aluminum casting alloys 10937
Kobayashi, T. *see* Abe, T. 14866
Kobayashi, T. *see* Ando, M. 7313
Kobayashi, T. *see* Awaya, N. 54526
Kobayashi, T. *see* Dae-Sik Kim 55508
Kobayashi, T. *see* Dey, S. 34408
Kobayashi, T. *see* Feng-Zhen Guo 55307
Kobayashi, T. *see* Guan, Z.P. 12417
Kobayashi, T. *see* Guan, Z.P. 42123
Kobayashi, T. *see* Hara, T. 12759
Kobayashi, T. *see* Higuchi, T. 60692
Kobayashi, T. *see* Ida, M. 1705
Kobayashi, T. *see* Inokawa, H. 2813
Kobayashi, T. *see* Itoh, T. 55548
Kobayashi, T. *see* Iwai, M. 52589
Kobayashi, T. *see* Iwase, R. 26331
Kobayashi, T. *see* Kawahara, T. 1331
Kobayashi, T. *see* Lei Zhang 55912
Kobayashi, T. *see* Masuko, T. 14942
Kobayashi, T. *see* Masuko, T. 24813
Kobayashi, T. *see* Matsui, K. 51217
Kobayashi, T. *see* Mine, R. 56398
Kobayashi, T. *see* Mizuno, J. 13170
Kobayashi, T. *see* Mizuno, T. 38718
Kobayashi, T. *see* Nemoto, K. 33604
Kobayashi, T. *see* Nemoto, K. 55803
Kobayashi, T. *see* Ogawa, S. 54294
Kobayashi, T. *see* Runguang Sun 10961
Kobayashi, T. *see* Sugai, K. 54492
Kobayashi, T. *see* Sun, R. 33241
Kobayashi, T. *see* Taira, T. 14061
Kobayashi, T. *see* Takahara, J. 55276
Kobayashi, T. *see* Ueda, F. 38884
Kobayashi, T. *see* Uesaka, M. 18020
Kobayashi, T. *see* Yamaguchi, S. 24311
Kobayashi, T. *see* Yamaguchi, S. 55766
Kobayashi, T. *see* Yamamuro, K. 12573
Kobayashi, T. *see* Yoshikawa, H. 49102
Kobayashi, Y., Inamura, M. Category classification of multi spectral image using single training sample 46342
Kobayashi, Y., Rachi, T., Kamezawa, H., Mizuno, Y., Kobayashi, Y. POPURE CoreLine system 47021
Kobayashi, Y., Tanaka, N., Matsui, K., Okano, H., Usuki, T., Shibata, K., Shimizu, Y. 1.9-GHz-band surface acoustic wave device using second leaky wave on $LiTaO_3$ and $LiNbO_3$ 13387
Kobayashi, Y., Toyoda, H., Mukohzaka, N., Yoshida, N., Hara, T. Fingerprint identification by an optical joint transform correlation system 25617
Kobayashi, Y. *see* Enoki, H. 57550
Kobayashi, Y. *see* Ishiguro, T. 47590
Kobayashi, Y. *see* Kawakami, T. 59817
Kobayashi, Y. *see* Kawamura, T. 16508
Kobayashi, Y. *see* Kishine, K. 21636
Kobayashi, Y. *see* Kobayashi, N. 40351
Kobayashi, Y. *see* Kobayashi, Y. 47021
Kobayashi, Y. *see* Matsuoka, S. 6823
Kobayashi, Y. *see* Mizoguchi, H. 2474
Kobayashi, Y. *see* Sugizaki, M. 10195
Kobayashi, Y. *see* Takatoo, M. 5620
Kobayashi, Y. *see* Tomizawa, M. 26789
Kobayashi, Y. *see* Wakai, S. 11181
Kobayashi, Y. *see* Yoshida, T. 16795
Kobayashi Shunichi *see* Shimazu Yoshihiro 13508
Kobayasi, M. *see* Ota, K. 51503
Kobayaski, H. *see* Hiratsuka, N. 17594
Kobe-Besenicar, S. *see* Saje, B. 924
Kobelev, A.S. *see* Zaitsev, A.M. 60776
Kober, F. *see* Jakob, P.M. 7987
Kober, H. Flexible printed circuits for flip-chip attach technology 20920
Kober, H., Kochendorfer, R. Flexible circuits for micro packages with flip-chip die 11963
Kober, W. *see* Kastella, K. 50260
Kobetic, R., Triolo, R.J., Marsolais, E.B. Muscle selection and walking performance of multichannel FES systems for ambulation in paraplegia 49792
Kobets, T.I. *see* Kalynzhnyi, V.V. 33771
Kobis, S.V. *see* Dianov, E.M. 23492
Kobis', S.V. *see* Dianov, E.M. 44375
Kobla, V., Doermann, D., Lin, K.-I., Faloutsos, C. Compressed domain video indexing techniques using DCT and motion vector information in MPEG video 57342
Koble, Ch. *see* Braunger, D. 39119
Koblinsky, C. *see* Liping Wang 50141
Koblischka, M.R. *see* Pust, L. 43764
Kobori, K. *see* Kutsuwa, T. 11863
Kobori, K. *see* Kutsuwa, T. 11864
Kobori, Y. *see* Ono, T. 9900
Kobozev, O. *see* Shandaro, S. 24142
Kobrick, M. *see* Jordan, R.L. 8348
Kobrick, M. *see* Jordan, R.L. 50025
Kobsa, H. *see* Afanas'ev, L. 13935
Kobsa, H. *see* Ionin, A.A. 55486
Kobtsev, S.M. *see* Apolonsky, A.A. 24176
Kobune, M., Fujii, S., Takayama, R., Tomozawa, A. Preparation and pyroelectric properties of $(Pb,La)(Zr,Ti)O_3$ (PLZT) thin films 2920
Kobus, H. *see* Singkarat, S. 37454
Kobyakov, A., Lederer, F. Cascading of quadratic nonlinearities: an analytical study 14269
Kobyakov, A., Lederer, F. Photonics in quadratic nonlinear media beyond the $\chi^{(3)}$ perspective 55888
Kobychev, V.V. *see* Georgadze, A.Sh. 18101
Kobzar, Yu.F. *see* Buinovskii, A.S. 3241
Koc, A.T., Tanik, Y. Direction finding with a uniform circular array via single snapshot processing 56439
Koc, C.K. Parallel canonical recoding 4447
Koc Ut-Va *see* Ut-Va Koc
Koca, A.O., Ege, T. Effects of chiral loading on a frequency selective surface comprised of a two dimensional array of crossed dipoles 33998
Kocak, D.M., da Vitoria Lobo, N., Widder, E.A. Tracking and mapping underwater bioluminescent displays using snakes 50162
Kocak, D.M. *see* Caimi, F.M. 38098
Kocarev, L. *see* Parlitz, U. 21468
Kocatepe, C. The effects of reactors and capacitors connected to power systems on the harmonic load flow 8728
Kocevar, P. *see* Rodrigues-Herzog, R. 54066
Kocevar, P. *see* Supancic, P. 31761
Koch, A. *see* Schaefer, W. 29625
Koch, A.R. *see* Yong-Yi Yu 58860
Koch, C. *see* Indiveri, G. 58671
Koch, C. *see* Kramer, J. 5153
Koch, C. *see* Kramer, J. 31413
Koch, C. *see* Niebur, E. 57048
Koch, C. *see* Telle, H.R. 7146
Koch, F. *see* Polisski, G. 42489
Koch, F. *see* Polisskii, G. 54016
Koch, F. *see* Polisskii, G. 54016
Koch, G., Kebschull, U., Rosenstiel, W. Breakpoints and breakpoint detection in source level emulation 1082
Koch, G. *see* Bruni, C. 56582
Koch, G. *see* Tofanelli, A. 26393
Koch, H. *see* Greenberg, Y.S. 32907
Koch, H. *see* Trahms, L. 49492
Koch, J. *see* Hollig, K. 564
Koch, J.A. *see* Grossman, E.N. 32962
Koch, K. *see* Moore, G.T. 14264
Koch, L., Lesche, A., Maring, W. Fighting arcing and field emission in medical X-ray tubes 28073
Koch, L. *see* Abbas, K. 37544
Koch, M., Evans, A.G.R., Brunnschweiler, A. Processing and modelling of micromachined cantilever valves 23083
Koch, M., Harris, N., Maas, R., Evans, A.G.R., White, N.M., Brunnschweiler, A. A novel micropump design with thick-film piezoelectric actuation 32568
Koch, M. *see* Dicken, H. 9869
Koch, M. *see* Miltenyi, P. 44460
Koch, M.H., Mar, G.L., Hartmann, A.J., Lamb, R.N. Investigation of the interfacial region formed during ZnO growth on Si(100) substrate using single-source CVD 865
Koch, P.-J. *see* Popescu, M. 42083
Koch, P.M. *see* Sirko, L. 53519
Koch, R., Clarkson, W.A., Hanna, D.C., Jiang, S., Myers, M.J., Rhonehouse, D., Hamlin, S.J., Griebner, U., Schonnagel, H. Efficient room temperature cw Yb:glass laser pumped by a 946 nm Nd:YAG laser 23836
Koch, R., Weber, M., Thuermer, K., Rieder, K.H. Magnetoelastic coupling of Fe at high stress investigated by means of epitaxial Fe(001) films 883
Koch, R. *see* Cabanski, W. 17501
Koch, R. *see* Griebner, U. 23844
Koch, R. *see* Gross, M.H. 5529
Koch, R. *see* Mor-Avi, V. 37732
Koch, R. *see* Ramage, N.H. 50517
Koch, R.G., Britten, A.C., Lings, R.J. The Eskom quality of supply research portfolio [power quality] 19210
Koch, R.G., Coney, R.G., Johnson, P.A. National power quality standards [South Africa] 19213
Koch, R.H. *see* Kumar, S. 43781
Koch, R.M., Gross, M.H., Carls, F.R., von Buren, D.F., Fankhauser, G., Parish, Y.I.H. Simulating facial surgery using finite element models 15494
Koch, S. *see* Yacoub-George, E. 27697
Koch, S.W. *see* Chow, W.W. 33491
Koch, S.W. *see* Kira, M. 54231
Koch, T., Kramer, B. Towards a comprehensive distributed systems management 5973
Koch, T.L. WDM sources and receivers 26887
Koch, T.L. Technology and application trends of photonic integrated circuits 44061
Koch, T.L. *see* Gulgazov, V.N. 23946
Koch, T.L. *see* Pezeshki, B. 14104
Koch, T.L. *see* Young, M.G. 26833
Koch, V. *see* Ein-Eli, Y. 51449
Koch, V.R. *see* Ein-Eli, Y. 60991
Koch, W. *see* Franke, D. 32104
Koch, W. *see* Voigt, A. 39022
Koch, W.A. Distribution lines form a ready-made data link between customer, utility 6433
Kocha, S., Woias, P., Kudlich, E., Zimmerer, B. The ISFET-based measurement of the streaming potential as a novel biosensor principle 17568
Kochan, A. Prodel–islands of automation [assembly system design] 11827
Kochan, A. Automating water meter manufacture 17318
Kocharian, K.N., Sarkissian, E.L., Avetissian, Yu.H. Electrodynamic characteristics of submillimeter waveband surface wave prismal resonator. I 11660
Kochegarov, Yu.V. *see* Vorob'ev, L.E. 44528
Kochelap, N.A. *see* Glavin, B.A. 54580
Kochen, S. *see* Blanco, S. 28372
Kochendorfer, R. *see* Kober, H. 11963
Kocher, M. Experience with silicone composite insulators in the tunnels of the BLS Lotschberg Railway 61237
Kochereshko, V.P., Merkulov, I.A., Kavokin, K.V., Yakovlev, D.R., Mackh, G., Ossau, W., Landwehr, G. Optically induced spin orientation of magnetic polarons in semimagnetic superlattices 22371
Kochereshko, V.P., Pozina, G.R., Ivchenko, E.L., Yakovlev, D.R., Platonov, A.V., Ossau, W., Waag, A., Landwehr, G. Exciton reflectance in Bragg quantum well structures 12396
Kocheryzhenkov, A.V. *see* Fursei, G.N. 53898
Kochetkov, L.A. *see* Dolgov, V.V. 38510
Kochetkov, V.I. *see* Belikov, S.V. 28029
Kochetov, I.V. *see* Ochkin, V.N. 23752
Kochev, K. *see* Stratieva, N. 42016
Kochhar, R., Hwang, W.-Y., Micovic, M., Mayer, T.S., Miller, D.L., Lord, S.M. Development of 2.2-μm InGaAs photodetectors using molecular beam epitaxy 7361
Kochhar, R., Hwang, W.-Y., Micovic, M., Mayer, T.S., Miller, D.L., Lord, S.M. Molecular beam epitaxy of highly mismatched $In_{0.73}Ga_{0.27}As$ on InP for near-infrared photodetectors 40428
Kochmann, T. Relationship between rotational and alternating losses in electrical steel sheets 23333
Kochmann, T. *see* Duan, X. 23330
Kochmann, T. *see* Sievert, J. 23324
Kochnev, A.V. *see* Danilevich, Y.B. 9195
Kochnev, I.V. *see* Kop'ev, P.S. 23931
Kochnev, I.V. *see* Maksimov, M.V. 44463
Kochnev, I.V. *see* Sobolev, M.M. 12274
Kochnev, I.V. *see* Tsatsul'nikov, A.F. 12383
Kochocki, J. *see* Allison, W.W.M. 37269

Kochowski, S. Description of frequency dispersion of MIS capacitance based on the model of interface states distributed in energy and in space 2261
Kochs, M. *see* Kestler, H.A. 37821
Kochukuttan, H., Chandrasekaran, A. Development of a fuzzy expert system for power quality applications 50539
Kochurikhin, V.V. *see* Terada, Y. 10667
Kociecka, K. Numerical representation of the process of ignition of a controlled two-break spark-gap 28947
Kocijan, J., Matko, D. An example of a model identification around operating point 19757
Kocijan, J., Matko, D. An example of a dynamical system model validation 38686
Kociszewska-Szczerbik, M. *see* Januszewski, S. 51170
Kock, A., Golshani, A., Hainberger, R., Gornik, E., Korte, L. Single-mode and single-beam emission from surface emitting laser diodes based on surface-mode emission 14115
Kock, A., Golshani, A., Hainberger, R., Gornik, E., Korte, L. Single-beam and single-mode emission from surface emitting laser diodes based on surface mode emission 55731
Kock, A. *see* Golshani, A. 55662
Kock, A.de *see* de Kock, A.
Kock, H. *see* Naber, A. 42813
Kock, N.de *see* de Kock, N.
Kockelmans, M. *see* Janssens, E. 26298
Kocken, R.A. *see* Kassebaum, J.H. 30108
Kocot, C. *see* Tan, T.S. 27568
Kocsis, F. Toll collection in interconnected telecom networks 16162
Kocsis, F. Management of HFC-based service-on-demand (SOD) and full service (FSN) access networks 47409
Kocsis, T. *see* Tarnay, K. 54676
Kocsis, Z., Mudra, I., Ripka, G. Investigation of ultraviolet laser induced conductive layer of silver salt filled polyimide films 31661
Kocyigit, Y., Karlik, B., Korurek, M. EMG pattern discrimination for patient-response control of FES in paraplegics for walker supported using artifical neural network (ANN) 8165
Kocza, G., Bossche, A. Integrated reliability analysis system (IRAS) 360
Kocza, G., Bossche, A. Automatic fault tree synthesis and real-time tree trimming, based on computer models 52344
Koczara, W., Białoskorski, P. Analysis of three phase controlled rectifier with current active filter 9390
Koczara, W., Dakyo, B., Protin, L. AC/AC three phase converter operating with unity power factor and sinusoidal input current 51188
Koczara, W., Teofilak, R., Rukat, M., Grzesiak, L. New strategy for non-active power compensation 50463
Koczara, W. *see* Dakyo, B. 60880
Koczara, W. *see* Grzesiak, L.M. 60731
Koczara, W. *see* Przybylski, J. 51371
Koczara, W. *see* Teofilak, R. 8751
Koczy, L.T. *see* Baranyi, P. 21128
Koda, T. *see* Vartiainen, E.M. 3981
Kodaira, K. *see* Nishiwaki, S. 2938
Kodaira, K. *see* Takahashi, J. 54919
Kodaira, T., Watanabe, A., Ito, O., Matsuda, N., Clays, K., Persoons, A. Evaluation of hyperpolarizability of nonlinear optical organic molecules by hyper-Rayleigh scattering 33629
Kodal, A. *see* Sahin, B. 50759
Kodama, D., Kayano, H. Improvement of reconstruction image for double phase computer generated holograms 24280
Kodama, H. *see* Onishi, S. 20238
Kodama, I. *see* Shinohara, K. 7950
Kodama, J., Kimura, T., Fujimoto, H., Ishii, J. Simulation and fabrication of a distributed RC circuit using amorphous thin resistive films 11992
Kodama, M., Taira, K. Polynomials approximating complex functions 52546
Kodama, M., Takahashi, H., Taira, K. Error estimations of cylindrical functions calculated with Hankel's asymptotic expansions 30548
Kodama, M., Tominaga, H. Updatable scalability of moving pictures and its evaluation 46237
Kodama, M. *see* Takahashi, H. 38394
Kodama, N., Mori, H., Saito, S., Koyama, K. Migration of organic residuals in interlayer oxide to SiO_2/Si interface 12568
Kodama, S. *see* Fujikura, H. 54400
Kodama, S. *see* Masuda, K. 18239
Kodama, S. *see* Shibata, H. 40755
Kodama, S. *see* Takai, S. 46528
Kodama, S. *see* Ushio, T. 4424
Kodama, Y., Maruta, A., Wabnitz, S. Minimum channel spacing in wavelength-division-multiplexed nonreturn-to-zero optical fiber transmissions 16711
Kodama, Y., Matsumoto, T., Tsukada, Y. Carrier bump build by molten solder injection 20858
Kodama, Y., Sato, H. Effect of gas-flow velocity and discharge current on output power in DC axially discharged fast-axial-flow CO laser 44359
Kodama, Y. *see* Kumar, S. 47960
Kodas, T. *see* Atanasova, P. 42714
Kodas, T. *see* Atanasova, P. 54500
Kodas, T.T. *see* Bhaskaran, V. 40638
Kodate, J., Machida, K., Imai, K., Tanaka, M., Yabumoto, N. Highly sensitive analytical method for metallic impurities in the thin silicon layer of silicon-on-insulator wafer 42400
Kodate, K., Ohya, Y., Thapliya, R., Kamiya, T. Joint transform correlator for an optical face recognition system 25529
Kodaypak, P. *see* Liu, Q.Z. 44300
Kodde, R. *see* Bouten, C.V.C. 37605
Koden, M. Ferroelectric liquid crystal materials for practical FLCDs 48769
Kodera, M. *see* Igarashi, H. 2798
Kodera, M. *see* Nojo, H. 42553
Kodialam, M. *see* Ahuja, R.K. 52458
Kodinduma, M. *see* Davis, M.A. 17451
Kodis, M.A. *see* Jensen, K.L. 41770
Koditschek, D.E. *see* Shinohara, W. 50777
Kodnani, R.R. *see* Madani, M.M. 54732
Koebel, J.M. *see* Hage-Ali, M. 37561
Koebel, J.M. *see* Ramunno, G. 37332
Koeda, K. *see* Izumi, T. 29309
Koegl, R.A. *see* Kliman, G.B. 29245
Koegl, R.A. *see* Kliman, G.B. 29246
Koegl, R.A. *see* Kliman, G.B. 51734
Koegler, R. *see* Pacaud, Y. 31884
Koegler, R. *see* Perez-Rodriguez, A. 32120
Koehl, L., Zeng, X., Vasseur, C. Estimating fractal dimension of a profile with a free-model estimator 52454
Koehler, A. *see* Mueller, M. 10638
Koehler, C. *see* Lall, P. 233
Koehler, C. *see* Thompson, P. 31650
Koehler, D.E. Tone signalling over telephone lines–a technician's primer 47506
Koehler, D.E. Expand paging system coverage with satellite communications 47861
Koehler, G.J. *see* Aytug, H. 10404
Koehler, J.A. *see* Hussey, G.C. 60045
Koehler, J.A. *see* Kustov, A.V. 60037
Koehler, K. *see* Woerner, A. 33504
Koehler, R. *see* Silier, I. 10773
Koehler, S. *see* Huang, M.-F. 33133
Koehler, S.D., Leng, L., Kutz, J.N., Bergman, K. Ultrafast switching in highly birefringent fiber via soliton collision 6775
Koehler, S.D. *see* Kutz, J.N. 55198
Koehler, U., Andersohn, L., Bethge, H. The influence of hydrogen on CVD-growth on Si(111) surfaces 40590
Koehne, L. *see* Dadgar, A. 42373
Koekkoek, K.T.M. *see* Bouten, C.V.C. 37605
Koelle, D. *see* Gerber, R. 41807
Koelmans, A.M. *see* Yakovlev, A.V. 21582
Koeman, H. Testing local area network cabling for high speed communications 47041
Koenemann, B., Pateras, S. Built-In Self-Test (BIST) in the era of deep sub-micron technology 32509
Koenen, R. *see* Pereira, F. 5503
Koeng Su Lim *see* Jae Hoon Jang 10852
Koeng Su Lim *see* Jong-Wook Lee 44273
Koeng Su Lim *see* Woo Yeong Cho 54031
Koeng-Su Lim *see* Jae-Hoon Jang 39138
Koengmo Sung *see* Daeryong Lee 24661
Koengsu Lim *see* Jinsoo Song 30860
Koenig, A.C. *see* Adam, A. 37280
Koenig, D. *see* Betz, T. 29466
Koenig, D. *see* Hanson, J. 8272
Koenig, D. *see* Kloes, H.-J. 8937
Koenig, G. Advanced fiber optic sensors solve the tough application problems 27640
Koenig, U. Future applications of heterostructures 42073
Koenig, U. *see* Sobolev, N.A. 2190
Koenig, W. *see* Schicker, R. 18140
Koenig, W. *see* Udem, T. 7145
Koenker, R.W., Ng, P.T. A remark on Bartels and Conn's linearly constrained, discrete l_1 problems 30429
Koenraad, P.M. *see* Chen, X.Y. 41976
Koenraad, P.M. *see* Guo-Qiang Hai 2145
Koenraad, P.M. *see* Kemerink, M. 2212
Koepert, A. *see* Becks, K.H. 59228
Koepke, K. Design of power and HOM couplers for TESLA 49020
Koepke, K.P. *see* Kuchnir, M. 49019
Koeppe, R. *see* Burdet, E. 56818
Koeppen, C., Yamada, S., Jiang, G., Garito, A.F., Dalton, L.R. Rare-earth organic complexes for polymer optical fiber and waveguide amplifiers 23804
Koeppen, C., Yamada, S., Jiang, G., Garito, A.F., Dalton, L.R. Rare-earth organic complexes for amplification in polymer optical fibers and waveguides 33399
Koeppen, J. *see* Winkler, W. 20004
Koeppen, M., Moore, J. Automated collection of yield and performance analysis data during UltraSPARC™-I microprocessor production test 41238
Koerber, C. *see* Seidel, B. 20274
Koerber, M. Ozone Transport Assessment Group: ozone modeling 28665
Koerkamp, M.K. *see* Horsthuis, W. 26453
Koerner, U. *see* Idler, W. 24131
Koesel, R. *see* MacDonald, D. 8658
Koessler, R.J. *see* Momoh, J.A. 50477
Koester, J.K. *see* Fitzpatrick, G.O. 20070
Koester, J.R. *see* Luchau, D.W. 18695
Koester, S.J., Ismail, K., Chu, J.O. Determination of spin- and valley-split energy levels in strained Si quantum wells 54205
Koester, S.J., Ismail, K., Lee, K.Y., Chu, J.O. Weak localization in back-gated $Si/Si_{0.7}Ge_{0.3}$ quantum-well wires fabricated by reactive ion etching 2208
Koester, S.J. *see* Lee, K.Y. 42147
Koetsem, J.Van *see* Van Koetsem, J.
Koetz, U. *see* Anghinolfi, F. 59312
Koetz, U. *see* Bamberger, A. 37358
Koever, A. *see* Vikor, G. 18141
Kofanov, Yu.F., Uvaisov, S.U., Kas'yan, K.N. Improving instrument reliability by detecting latent component defects 27414
Koffeman, E. *see* Brock, I.C. 37039
Koffeman, E. *see* Cesura, G. 59256
Koffers, K. *see* Wedding, B. 26830
Kofman, D. Traffic and congestion control in broadband networks 46564
Kofman, J. *see* Knopf, G.K. 35011
Kofman, W. *see* Cabrit, B. 60069
Kofman, Y., Zehavi, E., Shamai, S. nd-convolutional codes. I. Performance analysis 34593
Kofman, Y., Zehavi, E., Shamai, S. nd-convolutional codes. II. Structural analysis 34594
Kofol, S. *see* Camnitz, L.H. 42947
Kofronova, M. Processing of human EEG data contamined by artefacts 59624
Koga, A., Suzumori, K., Miyagawa, T., Sekimura, M. Electrostatic linear micro actuators with vibrating motion for pan-tilt drive of a micro CCD camera 23077
Koga, A. *see* Ikei, Y. 54837
Koga, A. *see* Shibagaki, S. 41543
Koga, A. *see* Tomimasu, T. 33583
Koga, F., Yoshida, K., Sasada, I. Evaluation of steel shafts for magnetostrictive torque sensors 58684
Koga, F., Yoshida, K., Sasada, I. Characteristics of magnetostrictive torque sensor using low-profile magnetic heads 58694
Koga, H., Kasai, N., Hada, H., Tatsumi, T., Mori, H., Iwao, S., Saino, K., Yamaguchi, H., Nakajima, K., Yamada, Y., Tokunaga, K., Hirasawa, S., Yoshida, K., Nishizawa, A., Hashimoto, T., Ando, K., Kato, Y., Takemura, K., Koyama, K. A 0.23 μm^2 double self-aligned contact cell for gigabit DRAMs with a Ge-added vertical epitaxial Si pad 41166
Koga, H. *see* Shimoshio, Y. 20223
Koga, H. *see* Yamaguchi, H. 41538
Koga, J., Toriumi, A. Experimental observation of negative differential conductance in three-terminal silicon tunneling device 2743
Koga, J., Toriumi, A. Room temperature negative differential conductance in three-terminal silicon surface tunneling device 42933
Koga, J., Toriumi, A. Negative differential conductance at room temperature in three-terminal silicon surface junction tunneling device 54662
Koga, J.K., Tajima, T., Kishimoto, Y. Cooling of charged particle beams using coherent synchrotron radiation 17919
Koga, K. *see* Mizukami, Y. 25709
Koga, M., Hamazumi, Y., Teshima, M., Watanabe, A., Sato, K.-I. Performances of an optical path cross-connect system and its wavelength monitoring circuit 6427
Koga, M. *see* Hamazumi, Y. 58272
Koga, M. *see* Hashiba, S. 20836
Koga, M. *see* Teshima, M. 14153
Koga, M. *see* Teshima, M. 24019
Koga, M. *see* Watanabe, A. 26449
Koga, R., Crawford, K.B., Hansel, S.J., Crain, W.R., Penzin, S.H., Miller, S.W. The risk of utilizing SEE sensitive COTS digital signal processor (DSP) devices in space 21749
Koga, R., Looper, M.D., Pinkerton, S.D., Stapor, W.J., McDonald, P.T. Low dose rate proton irradiation of quartz crystal resonators 23275
Koga, R. *see* Jobe, K. 21782
Koga, R. *see* Miyashita, T. 14640
Koga, R. *see* Miyashita, T. 41013
Koga, R. *see* Penzin, S.H. 29438
Koga, R. *see* Velazco, R. 21692
Koga, S., Yamasawa, A., Kawahito, S., Tadokoro, Y., Mizuno, K., Tabata, O. Micro fluxgate magnetic sensor interface circuits using ΔΣ modulation 58714
Koga, S. *see* Hirayama, H. 24833
Koga, S. *see* Kato, R. 59844
Koga, S. *see* Kawahito, S. 7238
Koga, T., Nagai, H., Gong, B., Nakano, M. Improvement of control performance using hysteresis elements applied to motor drive system with 2-mass load 51670
Koga, T. *see* Okuda, T. 6088
Koga, T. *see* Takahashi, Y. 12921
Koga, Y. *see* Choong Seon Hong 57990
Koga, Y. *see* Katsuki, S. 24403
Koga, Y. *see* Katsuki, S. 44999
Koga, Y. *see* Nakadan, Y. 27255
Kogami, Y. *see* Han, Q. 41402
Kogami, Y. *see* Qing Han 14675
Kogan, E. *see* Cobden, D.H. 32417
Kogan, L. New AIPS task FRMAP for mapping the spectral line radio sources 17018
Kogan, L.S. *see* Kurishev, G.L. 17502
Kogan, S.M. *see* Smith, D.L. 2114

Kogan, V.I., Gursky, R.J. Transmission towers inventory 8925
Kogan, V.I., Roeger, C.J., Tipton, D.E. Substation distribution transformers failures and spares 19914
Kogan, Y., Yakovlev, A. Asymptotic analysis for closed multichain queueing networks with bottlenecks 52415
Kogan, Y. *see* Birman, A. 52414
Kogan, Y. *see* Fuhrmann, S. 35384
Kogan, Y. *see* Fuhrmann, S. 35458
Koganezawa, K. A fast similarity upper triangular factorization 39966
Koganezawa, K. *see* Kameari, A. 44923
Koganezawa, T. *see* Mizoguchi, H. 2474
Koganov, G.A., Shuker, R. Monte Carlo simulations of laser and maser operation 55482
Kogelschatz, U. *see* Egli, W. 55981
Kogi, T. *see* Nishimura, Y. 60455
Kogiku, I., Ohkubo, T. IROS-DO design concepts 16388
Kogiso, S., Iitsuka, Y., Kawakami, H., Sato, G. Miniaturization of Wullenweber antenna 34414
Kogler, R. *see* Serre, C. 12688
Kogler, R. *see* Werner, P. 22532
Kogo, T., Fukuda, K., Hirata, G., Nagata, T. CARTLEX μ mobile X-ray system 18337
Kogoma, M. *see* Sawada, Y. 2339
Kogon, S.M., Manolakis, D.G. Harmonic long-memory models 4726
Kogon, S.M., Manolakis, D.G. Efficient generation of long-memory signals using lattice structures 4902
Kogon, S.M., Williams, D.B. On the characterization of impulsive noise with α-stable distributions using Fourier techniques 4890
Kogon, S.M., Williams, D.B., Holder, E.J. Beam-space techniques for hot clutter cancellation 16899
Kogon, S.M. *see* Goldstein, J.S. 16847
Kogoshi, S. *see* Matsuzono, T. 58407
Koguchi, N., Ishige, K. Direct formation of GaAs quantum dot structure by droplet epitaxy 21284
Kogut, A.E. *see* Khar'kovskii, S.N. 13408
Koh, H.J., Schaefer, N., Shimamura, K., Fukuda, T. $Si_{1-x}Ge_x$ fiber crystals with functionally variant composition grown by micro-pulling-down technique 10655
Koh, H.J. *see* Rudolph, P. 10635
Koh, H.J. *see* Schaefer, N. 10645
Koh, J.-S. *see* Kim, J.D. 58002
Koh, K. *see* Lucovsky, G. 22915
Koh, K.F. *see* Jones, S.J. 18478
Koh, M., Horita, K., Shigeta, B., Matsukawa, T., Kishida, A., Tanii, T., Mori, S., Ohdomari, I. Radiation immunity of pMOSFETs and nMOSFETs examined by means of MeV He single ion microprobe 2665
Koh, M., Igarashi, K., Sugimoto, T., Matsukawa, A., Mori, S., Arimura, T., Ohdomari, I. Quantitative estimation of generation rates of Si/SiO_2 interface defects by MeV He single ion irradiation 22870
Koh, M. *see* Koyama, M. 2579
Koh, M. *see* Matsukawa, T. 21693
Koh, M.T.K. *see* I-Ming Lee 52610
Koh, M.T.K. *see* Wei-Chung Wang 40427
Koh, R., Matsumoto, H. Analysis of the threshold voltage adjustment and floating body effect suppression for 0.1 μm fully depleted SOI-MOSFET 54672
Koh, S.-N. *see* Chen, C.-Q. 56444
Koh, S.K., Jang, H.G., Choi, W.K., Jung, H.-J., Kondranine, S.G., Kralkina, E.A. Design and tests of the new partially ionized beam source 7775
Koh, S.K. *see* Cho, J.S. 52758
Koh, T.J., Leonard, T.R. An implantable electrical interface for in vivo studies of the neuromuscular system 37828
Koh, W., Chen, K.L. Thermal properties of flip chip encapsulants 20900
Koh, W., Zoba, D. A study of reworkable flip chip encapsulants 52210
Koh, W.-H., Baek, K.-H. Study of electromagnetic wave propagation characteristics on indoor single floor 24468
Koh, Y.-B. *see* Choi, Y.-S. 2489
Koh, Y.-B. *see* Hong, S. 22642
Koh, Y.-B. *see* Kim, H.-J. 22639
Koh, Y.-B. *see* Kim, Y.-B. 1384
Koh, Y.-B. *see* Lim, S.-C. 2462
Koh, Y.B. *see* Chi, K.K. 54470
Koh, Y.B. *see* Kang, C.S. 2905
Koh, Y.B. *see* Kang, H.Y. 2495
Koh, Y.B. *see* Kim, S.E. 41173
Koh Chang Seop *see* Chang Seop Koh
Koh Cheng-Kok *see* Cheng-Kok Koh
Koh Chuan Lian *see* Chuan Lian Koh
Koh Jai Sang *see* Jai Sang Koh
Koh Joohyun *see* Joohyun Koh
Koh Seok-Keun *see* Seok-Keun Koh
Koh Seungug *see* Seungug Koh
Koh Soo-Ngee *see* Chen Chang-Qian 15054
Koh Soo-Ngee *see* Soo-Ngee Koh
Koh Yeon Wan *see* Yeon Wan Koh
Koh Yo-Hwan *see* Yo-Hwan Koh
Koh Yong-Nam *see* Yong-Nam Koh
Koh Young Bum *see* Young Bum Koh
Koh Young-Bum *see* Young-Bum Koh
Kohagura, J. *see* Cho, T. 37568
Kohama, A. Supports for students with disability through technology–challenge at California State University, Northridge 20448
Kohama, T., Saitoh, T., Shinkai, K., Yamada, M., Usui, S., Yoshida, T. An analysis of fixation points and spatial attention in the process of visual information integration across a saccade 48761
Kohama, Y., Ohiso, Y., Tateno, K., Kurokawa, T. 0.85-μm vertical-cavity surface-emitting laser diode arrays grown on p-type GaAs substrate 33533
Kohama, Y. *see* Hirabayashi, K. 58084
Kohama, Y. *see* Matsuo, S. 3665
Kohama, Y. *see* Ohiso, Y. 44512
Kohanoff, J. *see* Rambaut, C. 23205
Kohara, H. *see* Furong Zhu 30897
Kohara, S. *see* Kamigaito, O. 49213
Kohari, Z., Csendes, A., Szekely, V., Rencz, M. Thermal investigation of monolithic structures 43223
Koharian, A. *see* Kurunczi, P. 40633
Kohashi, M. *see* Tohyama, O. 18231
Kohashi, Y. *see* Iijima, T. 37238
Kohata, H. *see* Sakamoto, H. 16649
Kohda, H., Wada, K. The carbon doping mechanism in GaAs using trimethylgallium and trimethylarsenic 2321
Kohda, T., Tsuneda, A. Statistics of chaotic binary sequences 24732
Kohgami, A. *see* Yamaguchi, T. 58944
Kohiki, S. *see* Ohyama, H. 23685
Kohin, M. *see* Parker, T.W. 48655
Kohinata, N. *see* Yoshimura, T. 15843
Kohiro, K. *see* Noda, A. 52632
Kohl, A., Harmand, J.C., Oudar, J.L., Rao, E.V.K., Kuszelewicz, R., Delpon, E.L. AlGaAsSb/AlAsSb microcavity designed for 1.55 μm and grown by molecular beam epitaxy 55751
Kohl, A. *see* Behres, A. 52648
Kohl, A. *see* Dias, I.F.L. 55658
Kohl, A. *see* Lakner, H. 52661
Kohl, C.-D., Kelleter, J., Schwarz, A., Petig, H., Laurs, H., Hosak, W. Gas sensor fire alarm system–design, method of operation, performance and experience in the coal handling area of a lignite-fired power plant 50778
Kohl, C.-D. *see* Fleischer, M. 36755
Kohl, C.-D. *see* Fleischer, M. 36756
Kohl, M. *see* Borner, M.W. 54835
Kohl, P.A., Bidstrup-Allen, S.A., Grove, N.R., Shick, R.A., Goodall, B.L., McIntosh, L.H., Jayaraman, S. New olefinic interlevel dielectric materials for multi-chip modules 1886
Kohl, P.A. *see* Laursen, K.G. 48835
Kohlberg, I. *see* Sarjeant, W.J. 39253
Kohle, S. *see* Knoop, M. 50332
Kohlenbach, U. Mathematically strong subsystems of analysis with low rate of growth of provably recursive functionals 39980
Kohlenberg, I., Becker, M. Study of output traffic of an ATM switching element with on/off sources under correlated or uncorrelated routing 58078
Kohlenberg, J., Becker, M. Simulation analysis of resequencing process in an ATM Clos switch under Bernoulli and bursty geometric traffic 46620
Kohler, H. Design of a multichip module containing a 12 Way S/390 microprocessor subsystem 12056
Kohler, H.-J. *see* Wende, G. 27231
Kohler, H.S. *see* Binder, R. 41814
Kohler, J.L. *see* Jincheng Li 39486
Kohler, K. *see* Berroth, M. 36182
Kohler, K. *see* Hurm, V. 44318
Kohler, K. *see* Kurz, H. 12505
Kohler, K. *see* Wang, Z.-G. 1545
Kohler, K. *see* Wang, Z.-G. 41477
Kohler, M. *see* Hoyer, D. 28077
Kohler, M.A., LaFollette, P., Bielefeld, M.R. Criteria for the DoD 2400 bps vocoder selection 16476
Kohler, M.A. *see* Tremain, T.E. 16471
Kohler, R., Goebel, R., Pello, R. Experimental procedures for the comparison of cryogenic radiometers at the highest accuracy 48302
Kohler, R., Goebel, R., Stocl, M., Pello, R. An international comparison of cryogenic radiometers 48285
Kohler, R. *see* Goebel, R. 17161
Kohler, S. *see* Friend, R.H. 44224
Kohler, T. *see* Fuchs, M. 56553
Kohler, T. *see* Miller, J.W.V. 30349
Kohler, T.A. *see* Miller, J.W.V. 35147
Kohler, W. *see* Chrzan, K. 50644
Kohler-Hemmerlin, S. *see* Coulot, C. 46141
Kohlhase, A. *see* Bertagnolli, E. 2796
Kohlhase, A. *see* Krautschneider, W.H. 1409
Kohli, S. *see* Sachdev, V.K. 54113
Kohlmann, J. *see* Krasnopolin, I.Ya. 23410
Kohlmann, J. *see* Muller, F. 27215
Kohlmann-Von Platen, K.T., Bruenger, W.H. Electron-beam induced etching of resist with water vapor as the etching medium 32285
Kohlmorgen, J., Muller, K.-R., Pawelzik, K. Analysis of drifting dynamics with competing predictors 14774
Kohlstedt, D.L. *see* Venkataraman, S. 10939
Kohlstedt, H. *see* Caputo, P. 32905
Kohlstedt, H. *see* Caputo, P. 43812
Kohlstedt, H. *see* Klushin, A.M. 43825
Kohlstedt, H. *see* Shitov, S.V. 3286
Kohlstedt, H. *see* Thyssen, N. 43802
Kohlstedt, H. *see* Vernika, I.V. 32906
Kohlstrung, P. *see* Romberg, D. 37822
Kohlweyer, S. *see* Siruktkaitis, V. 44410
Kohment, R. Using the PCI bus for packet switching applications 16251
Kohmoto, O. Magnetic anisotropy of evaporated Co-CoO films 3200
Kohmoto, O. Ferromagnetic resonance in cobalt-modified iron-oxide particulate tapes 43690
Kohmoto, O. Ferromagnetic resonance in metal-evaporated video tapes 43701
Kohmoto, S., Nambu, Y., Asakawa, K., Ishikawa, T. Reduced nonradiative recombination in etched/regrown AlGaA/GaAs structures fabricated by in situ processing 22378
Kohmura, Y., Uruga, T., Kimura, H., Tamasaku, K., Yamazaki, H., Ishikawa, T. R&D of the hard X-ray focusing elements for the Spring-8 beamlines 37066
Kohn, E. *see* Gluck, M. 31495
Kohn, E. *see* Leitch, W.E. 2193
Kohn, E. *see* Vescan, A. 54687
Kohn, M. *see* Bober, C. 39707
Kohn, O. *see* Henschel, H. 43955
Kohn, P.R. *see* Carpenter, E.H. 30056
Kohne, H. *see* Desor, H.-J. 17048
Kohne, T. *see* Reinhart, G. 39946
Kohnert, R.A. *see* Solomon, S.C. 60062
Kohnke, G.E., Henry, C.H., Laskowski, E.J., Fischer, R.J., Strasser, T.A., White, A.E. Silica based Mach-Zehnder add-drop filter fabricated with UV-induced gratings 23556
Kohno, H., Nakamura, Y., Miki, T., Amishiro, H., Okada, K., Sumi, T. A 350-MS/s 3.3-V 8-bit CMOS D/A converter using a delayed driving scheme 41264
Kohno, K. *see* Osaka, Y. 52775
Kohno, M., Hirae, S., Okada, H., Matsubara, H., Nakatani, I., Imaoka, Y., Kusuda, T., Sakai, T. Noncontact measurement of generation lifetime 7564
Kohno, M. *see* Sakai, T. 48861
Kohno, M. *see* Sugie, M. 18340
Kohno, M. *see* Takamiya, S. 43114
Kohno, O. *see* Kajikawa, K. 38801
Kohno, O. *see* Katagiri, K. 3269
Kohno, R., Nakagawa, M. International cooperative research and development of wireless personal communications in Asian-Pacific countries 58207
Kohno, R. *see* Jianming Wu 26347
Kohno, R. *see* Morinaga, N. 26343
Kohno, R. *see* Saifuddin, A. 25887
Kohno, R. *see* Wu, J. 16539
Kohno, S. *see* Noda, Y. 22281
Kohno, T., Hamada, S., Araki, D., Kojima, S., Tanaka, T. Error repair and knowledge acquisition via case-based reasoning 52954
Kohno, T. *see* Ogawa, N. 9073
Kohno, T. *see* Takeda, H. 30716
Kohno, T. *see* Usui, M. 21135
Kohno, Y., Asada, M. Theoretical base current in metal/insulator resonant tunneling transistors based on electron wave scattered by base port structure 13047
Kohno, Y. *see* Mori, K. 13046
Kohns, P., Schirmer, J., Muravski, A.A., Yakovenko, S.Ye., Bezborodov, V., Dabrowski, R. Birefringence measurements of liquid crystals and an application: An achromatic waveplate 13719
Kohriki, T. *see* Antos, J. 37373
Kohriki, T. *see* DeWitt, J. 59243
Kohriki, T. *see* Ohsugi, T. 37392
Kohriki, T. *see* Terada, S. 37391
Kohriki, T. *see* Unno, Y. 37395
Kohriki, T. *see* Unno, Y. 37398
Kohrin, T. *see* Hanaoka, R. 23127
Kohsaka, Y. *see* Naito, H. 61101
Kohsmann, J.J. Biasing algorithm for smoothing of sea-surface temperature data prior to minimum curvature bicubic spline gridding 50091
Kohtani, Y. *see* Ogusu, K. 4047
Kohtoku, M. *see* Itaya, Y. 26909
Kohtoku, M. *see* Kawano, K. 23905
Kohtoku, M. *see* Kawano, K. 44489
Kohtoku, M. *see* Kawano, K. 44504
Kohutich, L. *see* Giles, C.R. 58378
Kohwa, H. *see* Umeda, N. 59061
Kohzu, K. *see* Arai, H. 34222
Koibuchi, K., Ohno, T., Sawa, K. A basic study for optimal design of switched reluctance motor by finite element method 50946
Koide, A., Shimizu, H., Saito, T. Main cause of surface waveguides formed under $LiNbO_3$ crystal surface during thermal treatment 33097
Koide, A. *see* Sasayama, T. 13173
Koide, H. *see* Yoshida, T. 61056
Koide, N. *see* Koike, M. 13883
Koide, T., Ono, M., Wakabayashi, S., Nishimaru, Y. Par-POPINS: a timing-driven parallel placement method with the Elmore delay model for row based VLSIs 40795
Koide, T., Suzuki, T., Wakabayashi, S., Yoshida, N. An efficient timing-driven global routing method for standard cell layout 1031
Koide, T., Tsuchiya, M., Wakabayashi, S., Yoshida, N. A three-layer over-the-cell multi-channel router for a new cell model 21427
Koide, T., Wakabayashi, S., Yoshida, N. Mixed planar and H-V over-the-cell routing for standard cells with nonuniform over-the-cell routing capacities 1032

Koide, T., Wakabayashi, S., Yoshida, N. Pin assignment with global routing for VLSI building block layout 22944
Koide, T. *see* Suzuki, T. 1076
Koide, T. *see* Wakabayashi, S. 53211
Koide, Y., Yokoba, M., Otsuki, A., Ako, F., Oku, T., Murakami, M. Contact resistance at interfaces between carbide- and noncarbide-forming metals and p-diamond 12517
Koide, Y. *see* Furumai, M. 12548
Koide, Y. *see* Hashimoto, K. 54254
Koide, Y. *see* Ishikawa, H. 32053
Koidl, P. *see* Behr, D. 30751
Koidl, P. *see* Samlenski, R. 41881
Koidl, P. *see* Wagner, J. 22415
Koidl, P. *see* Wagner, J. 42131
Koidt, P. *see* Wagner, J. 48671
Koijk, J.F.Van der *see* Van der Koijk, J.F.
Koike, A., Ishizuka, M., Kitazume, H., Saito, H. Development of ABR network and its performance 16164
Koike, A., Katsuno, S., Hatori, Y. Motion-compensated prediction method based on perspective transform for coding of moving images 5257
Koike, A., Kitazume, H., Ishizuka, M. ABR parameter tuning and negotiation for a switched virtual connection 25873
Koike, A., Yamafuji, K. A direct human-robot communication for robot service use based on gesture recognition 56831
Koike, A. *see* Ishizuka, M. 35503
Koike, A. *see* Saito, H. 5758
Koike, F. *see* Nagashima, Y. 49349
Koike, H., Matsuoka, F., Ohtsuka, H., Kakumu, M. Simple and quick turnaround time fabrication process for deep submicrometer CMOS generation 2792
Koike, H., Otsuki, T., Kimura, T., Fukuma, M., Hayashi, Y., Maejima, Y., Amantuma, K., Tanabe, N., Masuki, T., Saito, S., Takeuchi, T., Kobayashi, S., Kunio, T., Hase, T., Miyasaka, Y., Shohata, N., Takada, M. A 60-ns 1-Mb nonvolatile ferroelectric memory with a nondriven cell plate line write/read scheme 2999
Koike, H., Uesugi, T., Hirai, T., Tarui, Y. Influence of Ce content on crystal and electrical properties of $Ce_xZr_{1-x}O_2$ thin films on Si(100) substrates 52814
Koike, H. *see* Hirai, T. 2625
Koike, H. *see* Inaba, S. 2653
Koike, H. *see* Nagashima, K. 32649
Koike, H. *see* Takagi, M.T. 43276
Koike, K., Sugiura, A., Masuzawa, H., Ohtani, A. A method for measuring free-space antenna factors 4343
Koike, M., Shibata, N., Yamasaki, S., Nagai, S., Asami, S., Kato, H., Koide, N., Amano, H., Akasaji, I. Light-emitting devices based on gallium nitride and related compound semiconductors 13883
Koike, M. *see* Ishikawa, H. 32053
Koike, M. *see* Izuha, M. 43581
Koike, M. *see* Mori, T. 12524
Koike, M. *see* Mori, T. 31811
Koike, M. *see* Murakoshi, A. 42749
Koike, M. *see* Sakata, A. 54527
Koike, M. *see* Takei, H. 32978
Koike, S. Adaptive threshold nonlinear algorithm for adaptive filters with robustness against impulse noise 15383
Koike, S. Derivation and applications of difference equations for adaptive filters based on a general tap error distribution 21812
Koike, S. *see* Higo, T. 49194
Koike, T., Hirao, T., Ito, T., Nagano, T. Frequency control method for microwave oscillators using straightedge MSW resonators 11701
Koike, T., Nagamine, K., Kuwabara, N., Tanaka, J. A leadframeless IC carrier package using metal base substrate 10172
Koike, T., Yamada, K., Nakamura, K. Conical type ultrasonic transducer with apodised vibration area for generation of limited diffraction beams 18960
Koike, T. *see* Nakamura, H. 22692
Koike, T. *see* Nakamura, H. 22710
Koike, T. *see* Takamatsu, J. 32262
Koike, T. *see* Yamamoto, M. 56394
Koike, Y., Kawato, M. Human interface using surface electromyography signals 37883
Koike, Y. *see* Kobayashi, T. 44372
Koike, Y. *see* Muto, S. 23525
Koike, Y. *see* Nihei, E. 23511
Koike, Y. *see* Nihei, E. 26917
Koike, Y. *see* Tagaya, A. 33392
Koike, Y. *see* Tanio, N. 43885
Koikov, S.N. *see* Borisova, M.E. 55018
Koinkar, V.N., Bhushan, B. Microtribological studies of Al_2O_3, Al_2O_3-TiC, polycrystalline and single-crystal Mn-Zn ferrite, and SiC head slider materials 55055
Koinuma, H., Kanda, N., Nishino, J., Ohtomo, A., Kubota, H., Kawasaki, M., Yoshimoto, M. Laser MBE of ceramic thin films for future electronics 52609
Koinuma, H., Ohnishi, T., Maeda, T., Lee, M.B., Kawasaki, M., Yoshimoto, M. Fabrication of atomically defined oxide films on Si by laser molecular beam epitaxy 10787
Koiso, N. *see* Kirino, F. 21376
Koiso, T. *see* Tsujimoto, H. 1743
Koistinen, A.S. *see* Karjalainen, P.A. 59618
Koivisto, P., Huttunen, H., Kuosmanen, P. Training-based optimization of soft morphological filters 4845
Koivisto, P., Huttunen, K., Kuosmanen, P. Breakdown points and optimal soft morphological filtering 46494
Koivo, F.N. *see* Kallio, P. 54994
Koivunen, V., Kassam, S.A. Covariance estimation in multivariate OS-filtering 57031
Koivunen, V., Kuosmanen, P., Astola, J. Orthogonal spline fitting in range data 57254
Koiwa, I., Kanehara, T., Mita, J. Application of alkaline-earth-metal and rare-earth-element compound-oxide formation solutions to a protective layer for AC-type plasma display panel 22186
Koiwa, I., Kanehara, T., Mita, J. Application of screen-printed rare earth oxide protective film to alternating-current plasma display panels 36826
Koiwa, I., Kanehara, T., Mita, J., Iwabuchi, T., Osaka, T., Ono, S., Maeda, M. Crystallization of $Sr_{0.7}Bi_{2.3}Ta_2O_{9+\alpha}$ thin films by chemical liquid deposition 2913
Koiwa, I. *see* Ono, S. 52746
Koiwa, M. *see* Ikeuchi, M. 9705
Koiwa, Y. *see* Kanai, H. 59428
Koizumi, A. *see* Shinohara, H. 59402
Koizumi, H. *see* Itagaki, H. 49461
Koizumi, H. *see* Shackleford, B. 1030
Koizumi, H. *see* Suzuki, F. 7504
Koizumi, H. *see* Suzuki, F. 41068
Koizumi, H. *see* Suzuki, F. 47453
Koizumi, M., Higuchi, Y. Development of calculation method for nonlinear magnetostatics based on magnetic moment method with contravariant bases vector 14529
Koizumi, M. *see* Higuchi, Y. 51079
Koizumi, M. *see* Yasuda, A. 31135
Koizumi, N. *see* Nozawa, M. 43865
Koizumi, S. *see* Okano, K. 53934
Koizumi, T., Hwan-Sul Chun, Zen, H. A new optical detector for a high-speed AF control 17339
Koizumi, T. *see* Kato, Y. 43314
Koizumi, Y., Lopez, D. Investigation of phase shift mask shifter defect printability and inspection techniques 22739
Koizumi, Y. *see* Ichimura, M. 51491
Koizumi, Y. *see* Okimura, H. 40657
Koizumi, Y. *see* Shishido, H. 2460
Koji Sakui *see* Jin-Ki Kim 1402
Kojima, H., Gorny, D.J., Nitta, K., Shridhar, A., Sasaki, K. Power analysis of a programmable DSP for architecture and program optimization 21710
Kojima, H. *see* Erdei, S. 3394
Kojima, H. *see* Galambos, L. 3393
Kojima, H. *see* Hiraki, M. 11477
Kojima, H. *see* Itoga, T. 54448
Kojima, H. *see* Kato, T. 57999
Kojima, H. *see* Matsuoka, H. 61306
Kojima, H. *see* Matsushima, N. 11991
Kojima, H. *see* Nishimura, T. 5069
Kojima, J. *see* Takagi, S. 6430
Kojima, J. *see* Takagi, S. 47511
Kojima, K. *see* Hatsuda, T. 34089
Kojima, K. *see* Iwasaki, T. 678
Kojima, K. *see* Kanda, I. 10644
Kojima, K. *see* Watanabe, I. 10164
Kojima, K. *see* Yamashita, H. 32261
Kojima, M., Watanabe, H., Yamauchi, Y., Misawa, H. Acceleration phenomena of high-speed wind observed at 0.1-0.3 AU with interplanetary scintillation 34063
Kojima, M. *see* Asai, K. 27121
Kojima, M. *see* Fujisawa, K. 40110
Kojima, M. *see* Kosuge, Y. 58413
Kojima, M. *see* Misawa, H. 34064
Kojima, N. *see* Tachibana, M. 21610
Kojima, N. *see* Takano, M. 1546
Kojima, S., Miyakawa, T. One-dimensional processing architecture for gray-scale morphology 46086
Kojima, S. *see* Badics, Z. 40720
Kojima, S. *see* Ishihara, T. 45931
Kojima, S. *see* Kohno, T. 52954
Kojima, S. *see* Takashige, M. 2945
Kojima, S. *see* Yamagata, Y. 8966
Kojima, S. *see* Yamagata, Y. 8967
Kojima, T., Tsuchimoto, M., Honma, T. Simulation of levitation force of bulk high T_c superconductors 13526
Kojima, T., Yanagida, M., Tanase, S., Tanimoto, K., Tamiya, Y., Asai, T., Miyazaki, Y. The electrical conductivity of molten Li_2CO_3-K_2CO_3 and Li_2CO_3-Na_2CO_3 containing alkaline earth (Ca,Sr and Ba) carbonates [for MCFCs] 51504
Kojima, T. *see* Coninckx, F. 28477
Kojima, T. *see* Koshiba, M. 33173
Kojima, T. *see* Kudoh, Y. 11758
Kojima, T. *see* Maekawa, Y. 34090
Kojima, T. *see* Parpal, J.-L. 19343
Kojima, T. *see* Parpal, J.-L. 50588
Kojima, T. *see* Yamanouchi, K. 32661
Kojima, Y., Oka, T. Theoretical studies on fluctuation in distance between two circuits in overhead transmission lines 60404
Kojima, Y., Tamura, T., Nozaki, Y., Onishi, Y. The development of high efficiency flexible solar array paddle of ADEOS-II 38010
Kojima, Y. *see* Doi, M. 37082
Kojima, Y. *see* Hosoyama, K. 49159
Kojima, Y. *see* Hosoyama, K. 49160
Kojima, Y. *see* Morita, Y. 43846
Kojima, Y. *see* Nakai, H. 43844
Kojima, Y. *see* Okuno, S. 43577
Kojima, Y. *see* Yamaguchi, H. 41538
Kojima, Y. *see* Yamizaki, N. 35557
Kojiro, J. *see* Radford, W. 17492
Kojola, H. *see* Kallio, P. 54994
Kojouharov, R., Angelov, I., Kollberg, E., Ivanov, Z., Ying Fei Chen, Claeson, T., Yohansson, L.G. An X-band HEMT microwave oscillator stabilized with a $Tl_2Ba_2CaCu_2O_8$ superconducting resonator 32925
Kojouharov, R., Nurgaliev, T., Taslakov, M., Chakalov, R.A., Donchev, T., Spasov, A., Ivanov, Z., Angelov, I., Johansson, L.G., Kollberg, E., Claeson, T. High thermal stability microwave oscillator based on HTSC resonator 11700
Kojovic, L., Hassler, S. Application of current limiting fuses in distribution systems for improved power quality and protection 50646
Kojovic, L.A., Hassler, S.P. Digital models of current limiting fuses for analysis of their operation in power systems 19912
Kojyo, K. *see* Hatsuda, T. 34089
Kok, C.W. Fast algorithm for computing discrete cosine transform 45749
Kok, C.W., Nguyen, T.Q. Document image compression by subband system 5163
Kok, C.W., Nguyen, T.Q. Non-negative scaling functions and applications in image coding 5336
Kok, C.W., Nguyen, T.Q. Discrete coefficients filter banks and applications in image coding 15911
Kok, C.W. *see* Hui, Y. 25596
Kok, C.W. *see* Hui, Y. 34907
Kok, J.N. *see* Haring, S. 24801
Kok, J.N. *see* van Kemenade, C.H.M. 18752
Kok Keong Tony Tan *see* Tan Kok Keong Tony
Kok Sim Siang *see* Siang Kok Sim
Kok Yeong Chan *see* Moi Keow Lee 4991
Kokado, H. *see* Enomoto, H. 43832
Kokai, Y. *see* Ota, H. 38293
Kokalj, D.G. Variable frequency drives for commercial laundry machines 61185
Kokar, M.M. *see* Eracar, Y. 16969
Kokar, M.M. *see* Korona, Z. 15999
Kokaram, A.C. *see* Morris, R.D. 56987
Kokas, J., DeSantis, C., Wenger, G., Parker, L., Reed, J., Fey, E., Gaudiello, J., Yost, F., Hosking, M., Sorenson, R., Stevenson, J., Janus, A., Evans, R. NCMS PWB Surface Finishes Team project summary 1809
Kokate, J.Y. *see* Hansen, G.L. 28217
Kokes, M., Schoner, H.P., Steimel, A. Modelling the series resonant converter with state vectors for an AC power distribution system in automotive applications 39358
Kokhanenko, A.P. *see* Voitsekhovskii, A.V. 36563
Kokhanyuk, V.M. *see* Esin, S.K. 37208
Kokin, S.M. *see* Kosyachenko, L.A. 12368
Kokkinakis, G. *see* Logothetis, M. 35554
Kokkinakis, G. *see* Tsoukalas, D. 56372
Kokkinakis, G. *see* Tsoukalas, D.E. 48266
Kokkinakis, G. *see* Yiourgalis, N. 4581
Kokkinakis, G.K. *see* Ganos, P.A. 5727
Kokkinakis, G.K. *see* Ganos, P.A. 16051
Kokkinakis, G.K. *see* Rentzepopoulos, P.A. 14864
Kokkinos, D. *see* Lilien, J.L. 50634
Kokkinos, E.A., Maras, A.M. A first-order stationary Markov class A transition density 52450
Kokko, T. High speed SZ-stranding and cable filling with improved optical cable quality 16686
Kokkomaki, T. *see* Porjesz, T. 23393
Kokkorakis, G.C., Roumeliotis, J.A. Electromagnetic eigenfrequencies in a spheroidal cavity 56096
Kokogawa, T. *see* Nakanishi, T. 48843
Kokolova, S. *see* Dashevsky, Z. 36546
Kokotoff, D.M., Waterhouse, R.B., Aberle, J.T. An annular ring coupled to a shorted patch 56179
Kokotoff, D.M., Zavosh, F., Aberle, J.T., El-Sharawy, E.-B. Hybrid FE/MoM analysis of a cavity-backed slit loaded with anisotropic material 14548
Kokozinski, R. *see* Bender, S. 2851
Koksal, A. Multi-frequency electromagnetic scattering from inhomogeneous bodies using shifted frequency equivalence 34032
Koksal, A. Pattern optimization of linearly tapered slot antennas using reactive loading 34254
Koksal, M. *see* Demir, Y. 31558
Koksbang, R. *see* Saidi, M.Y. 9519
Kokta, M. *see* Moncorge, R. 3991
Kokta, M.R. *see* Kalisky, Y. 14267
Kokubo, Y. *see* Ohta, I. 21878
Kokubu, K. *see* Okamura, H. 1264
Kokubu, Y. *see* Tanii, T. 11811
Kokubun, K. *see* Widarta, A. 45347
Kokubun, M. *see* Tsuchida, N. 44228
Kokubun, T., Takahashi, I., Kashima, N. Construction of object-oriented optical cable network database system for multimedia communication experiment 6351
Kokubun, Y. *see* Chu, S.T. 3535
Kokubun, Y. *see* Itaya, K. 3872
Kokuburn, Y. *see* Taga, S. 33080
Koi, R., Ginosar, R., Samuel, G. Statechart methodology for the design, validation and synthesis of large scale asynchronous systems 41108
Kola, B.O. *see* Otieno, F.O. 48364

Kolachev, G. *see* Arisaka, K. 37239
Kolachev, G. *see* Arisaka, K. 37460
Kolachev, G. *see* Buzykaev, A. 37237
Kolachev, G.M. *see* Aulchenko, V.M. 37214
Kolachev, G.M. *see* Aulchenko, V.M. 37243
Kolachev, G.M. *see* Baru, S.E. 37227
Kolachevskii, N.N. *see* Troussel, P. 3539
Kolaczyk, E.D. *see* Chipman, H.A. 34937
Kolano, R., Wojcik, N., Gawior, W. A three-limb amorphous magnetic circuit for three-phase 200 kVA distribution transformers 21998
Kolano, R. *see* Gawior, W. 3082
Kolanovic, M., Pajic, D. The influence of domain structure on the variation of coercive field and maximum magnetization of $Fe_{77.5}B_{22.5}$ amorphous alloy 32814
Kolanowski, C. *see* Salmer, G. 53690
Kolar, D. *see* Breaux, L. 10200
Kolar, D. *see* Kuscer, D. 19998
Kolar, D. *see* Saje, B. 924
Kolar, D. *see* Slunecko, J. 48464
Kolar, J.W. *see* Ertl, H. 31130
Kolar, R.L., Sabatini, D.A. Coupling team learning and computer technology in project-driven undergraduate engineering education 20484
Kolarik, W.J. *see* Patro, S. 52301
Kolarova, P. *see* Hradilova, J. 3430
Kolawa, E. *see* Gottlieb, U. 42270
Kolawa, E. *see* Shalish, I. 32060
Kolawa, E. *see* Sun, X. 42651
Kolb, D.M. *see* Smilgies, D.-M. 32241
Kolb, L.E. Statistical comparison of site-to-site measurement reproducibility 45186
Kolb, T. *see* Dumur, D. 9224
Kolbas, R.M. *see* Keller, S. 40454
Kolbas, R.M. *see* Shmagin, I.K. 33477
Kolbas, R.M. *see* Zavada, J.M. 33578
Kolbasin, A.I. *see* Pavlenko, Yu.F. 27260
Kolbe, A.L., Tye, W.B. Compensation for the risk of stranded costs 39659
Kolbe, W. *see* Bauer, A. 41700
Kolbeck, S. *see* Schmidt, G. 8858
Kolbehdari, M.A. VLSI interconnections with a MMTL in a multilayered dielectric media 22937
Kolbel, J. *see* Bauer, A. 41700
Kolbig, K.S. The polygamma function $\psi^{(k)}(x)$ for $x=¼$ and $x=¾$ 542
Kolbig, K.S. *see* Krupnikov, E.D. 30550
Kolcheev, G.N. *see* Anpilogov, V.R. 49878
Kolcun, M., Benc, R., Szathmary, P. Power system control using artificial neural networks 60275
Kolding, T.E., Larsen, T. High-order Volterra series analysis using parallel computing 53000
Kolding, T.E. *see* Pedersen, K.I. 46666
Kolebska, K. *see* Czenviliska, A. 49703
Kolebska, K. *see* Czerwinska, A. 49700
Koledintseva, M. *see* Kitaytsev, A. 43717
Kolenbrander, K.D. *see* Werwa, E. 10901
Kolesar, E.S., Dyson, C.S., Reston, R.R., Fitch, R.C., Ford, D.G., Nelms, S.D. Tactile integrated circuit sensor realized with a piezoelectric polymer 27513
Kolesar, E.S., Jr., Bright, V.M., Sowders, D.M. Optical reflectance reduction of textured silicon surfaces coated with an antireflective thin film 41829
Koleske, D.D. *see* Wickenden, A.E. 40457
Kolesnichenko, A.G. *see* Dlugosel'skii, V.I. 29082
Kolesnikov, A.N., Belekhov, V.V., Chalenko, I.O. Vectorization of raster images 34984
Kolesnikov, V.V. *see* Aleshin, Y.D. 18124
Kolesnikov, V.V. *see* Aleshin, Yu.D. 17381
Kolesnitsky, O.K. *see* Krasilenko, V.G. 55343
Kolesov, V.V. *see* Soldatov, E.S. 2732
Kolev, D., Mil'vidskii, M.G., Novikov, A.G., Sokolova, N.S., Fomin, V.G. Defect formation in Si and GaAs single-crystal wafers subjected to mechanical treatment 54404
Kolev, L.V., Mladenov, V.M. Use of interval slopes in implementing an interval method for global nonlinear DC circuit analysis 53003
Kolev, N., Flohr, H., Pfeiffer, W. Partial discharge measurement for the investigation of solid insulation ageing [in electric machines] 19684
Kolganova, E.A. *see* Altaisky, M.V. 34849
Koli, K., Halonen, K. A fully differential class-AB switched-current integrator for signal processing 21835
Koli, K., Halonen, K., Tiiliharju, E. Current-mode up-converting D/A-interface for mobile communication transmitter applications 47837
Koli, K. *see* Tiiliharju, E. 53402
Kolias, C., Kleinrock, L. The odd-even input-queueing ATM switch: performance evaluation 5783
Kolias, N.J., Vaughan, M.J., Compton, R.C. High power quasi-optical sources for millimeter-wave base-station applications 47678
Koligliatis, T. *see* Mooney, M.J. 8003
Kolikov, V.A., Rutberg, Ph.G., Budin, A.V., Makarevitch, I.P., Bogomaz, A.A. Hypervelocity electric discharge accelerator 33860
Kolin, V.V. *see* Bragilevskii, E.L. 19737
Koliopoulos, C.L. Phase shifting techniques applied to unique applications 36397
Kolios, M.C. *see* Vitkin, I.A. 49760
Koljonen, T., Sopanen, M., Lipsanen, H., Tuomi, T. Metalorganic vapor phase epitaxial growth of AlGaSb and AlGaAsSb using all-organometallic sources 30812
Kolkman, W.J.M. *see* Dijk, W.A. 49838
Kollakowski, S., Bottcher, E.H., Lemm, C., Strittmatter, A., Bimberg, D., Krautle, H. Waveguide-integrated InP-InGaAs-InAlGaAs MSM photodetector with very-high vertical-coupling efficiency 48543
Kollar, P., Fuezer, J., Matta, P., Svec, T., Konc, M. Magnetic properties of $Fe_{73.5}Cu_1Nb_{3-x}V_xSi_{13.5}B_9$ (x=1, 2, 3) nanocrystalline alloys 3085
Kollar, P. *see* Fuezer, J. 3081
Kollas, J.G., Mirasgentis, S. Assessment of the external costs of the hydroelectric fuel cycle 19598
Kollberg, E. *see* Kojouharov, R. 11700
Kollberg, E. *see* Kojouharov, R. 32925
Kollberg, E. *see* Tarasov, M. 32929
Kollberg, E.L., Stake, J., Dillner, L. Heterostructure barrier varactors at submillimetre waves 11709
Kolle, C. *see* Reininger, F. 27709
Kollensperger, P. *see* Matsuyama, Y. 25469
Koller, D. *see* Wilde, E. 16421
Koller, L. *see* Bizjak, M. 41567
Koller, R.D., Wilamowski, B. LADDER–a microcomputer tool for passive filter design and simulation 9850
Kolletzki, S. Secure Internet banking with privacy-enhanced mail: a protocol for reliable exchange of secured order forms 6021
Kolletzki, S. Secure Internet banking with privacy enhanced mail--a protocol for reliable exchange of secured order forms 6220
Kolli, N. *see* Sai Kumar, A. 9472
Kollias, S. *see* Delopoulos, A. 15607
Kollias, S.D. A multiresolution neural network approach to invariant image recognition 5517
Kollias, S.D. *see* Panagiotidis, N.G. 15645
Kollipara, R. *see* Pratapneni, S. 53084
Kollitz, K.R. *see* Maxwell, P.C. 40987
Kollmeier, B., Tchorz, J., Hansen, M., Dau, T. Hearing-oriented speech preprocessing for robust speech recognition and speech quality prediction 34672
Kollmeier, B. *see* Kasper, K. 34673
Kollmer, U. *see* Bertagnolli, E. 2796
Kollnig, H. *see* Haag, M. 46418
Kollokian, V. *see* Zijdenbos, A. 18502
Kolltveit, E., Biotteau, B., Pitel, F., Riant, I., Audouin, O., Brindel, P., Brun, E., Sansonetti, P., Hamaide, J.-P. Soliton frequency-guiding in a 2×5 Gb/s WDM system using a UV-written fibre Fabry-Perot filter 16720
Kolltveit, O.Einar *see* Einar Kolltveit, O.
Kolluri, S. *see* Le Tang 51887
Kolmakov, A., Kovac, J., Gunther, S., Casalis, L., Gregoratti, L., Marsi, M., Kiskinova, M. Ag on Au/Si(111): interfacial interactions on a sub-micrometer scale 42267
Kolmakov, A. *see* Almeida, J. 42268
Kolment, R. The industrial PCI bus, customising the PCI bus for communication applications 47012
Kolnaar, H. *see* Hassler, B.A. 59740
Kolnik, J., Oguzman, I.H., Brennan, K.F., Wang, R., Ruden, P.P. Theoretical study of electron initiated impact ionization rate in bulk GaN using a wave vector dependent numerical transition rate formulation 12267
Kolnik, J. *see* Ilgu Yun 44253
Kolnowski, G. *see* Labruzzo, G. 13336
Kolobkova, E. *see* Vaynberg, B. 4021
Kolobkova, E.V., Lipovskii, A.A., Nikonorov, N.V. Nonlinear properties of phosphate glasses doped with CdS, CdSe, and CdS_xSe_{1-x} microcrystals 55832
Kolobkova, E.V. *see* Lipovskii, A.A. 22381
Kolobov, M.G. *see* Anders, V.I. 11164
Kolodiy, B.I., Ljashchuk, O.B. Direct and inverse problems of electromagnetic waves reflection from the anisotropic dielectrics 45095
Kolodzey, J. *see* Chen, F. 2122
Kolodzey, J. *see* Chen, F. 12881
Kolodzey, J. *see* Xiaoping Shao 12545
Kolodziej, A. *see* Pisarkiewicz, T. 36483
Kolodziej, H.A. *see* Freundlich, P. 48828
Kolodziejczak, J.J. *see* Ramsey, B.D. 37286
Kolodziejczak, J.J. *see* Ramsey, B.D. 59264
Kolodziejczyk, A. *see* Jaroszewicz, Z. 13780
Kolodziejski, L.A. *see* House, J.L. 789
Kolomeiko, E.P. *see* Iovu, M.S. 12331
Kolomeyko, E. *see* Tsiulyanu, D. 48564
Kolomiets, A.A., Andreev, V.A., Chuvilo, I.V., Drozdowskiy, A.A., Kozodaev, A.M., Kuibida, R.P., Lazarev, N.V., Pershin, V.I., Plotnikov, V.K., Raskopin, A.M., Raskopin, A.M., Tretiakova, T.E., Vorobtev, I.A., Yaramishev, S.G. Some new ITEP approaches to design of high intensity proton linac for transmutation 49028
Kolomiets, A.A. *see* Andreev, V.A. 37025
Kolomiets, A.A. *see* Lazarev, N.V. 49036
Kolomiets, S.M. Laser device for measuring the velocity of a liquid 44122
Kolomoets, G.P. *see* Tkachenko, N.N. 12200
Kolomoets, V.V. *see* Baidakov, V.V. 22199
Kolonko, J.J. *see* Green, M.A. 49358
Kolosov, O. *see* Briggs, A. 31024
Kolosov, V. *see* Akchurin, N. 37257
Kolotilina, T.F. *see* Pivovarov, V.R. 1038
Kolotilov, Y. *see* Seyve, C. 19501
Kolotushkin, R.I., Ranta, A.R. Parametric convertors of energy and kinds of motion 38933
Kolpak, B.D., Kruk, O.P., Natalyuk, M.F., Netesin, S.G., Seredyuk, O.E., Shevtsov, A.I. Metrological certification of a piston flowmeter for natural gas flows 7281
Kolpakov, V. *see* Makhrovskiy, O. 35797
Kolper, G. *see* Kellermann, H. 60807
Kolsch, R. *see* Priotti, P. 26392
Kolste, R.D.Te *see* Te Kolste, R.D.
Koltai, F. *see* Bartha, L. 44537
Koltchanov, I., Kindt, S., Petermann, K., Kiez, S., Ludwig, R., Weber, H.G. Characterization of terahertz four-wave mixing in a semiconductor laser amplifier 3861
Koltchanov, I. *see* Obermann, K. 14187
Koltchanov, I. *see* Obermann, K. 48021
Koltik, E.D. *see* Tarbeyev, Yu.V. 27240
Koltracht, L., Madych, W.R., Marinelli, K. Image magnification using families of fast orthogonal transforms 5234
Kolts, B.S. An introduction to the VXI local bus 36373
Kol'tsov, A.V., Serov, A.V. Modulation of a flow of charged particles intersecting an inhomogeneous electromagnetic wave 4202
Kol'tsov, B.B. *see* Velichko, A.A. 54620
Kol'tsov, G.I., Makarov, V.V., Yurchuk, S.Yu. Distribution profiles of implanted beryllium in III-V semiconductor compounds 12630
Kol'tsov, I.M. *see* Zhelezin, A.A. 3957
Kol'tsov, M.A. *see* Dan'shin, N.K. 3165
Koltun, M., Faiman, D., Goren, S., Katz, E.A., Kunoff, E., Shames, A., Shtutina, S., Uzan, B. Solar cells from Carbon 39046
Koltun, M. *see* Katz, E. 20039
Koltun, M.M. History of solar cell development in the Soviet space program and the terrestrial potential for this technology 39039
Kolumban, J. *see* Kassay, G. 10355
Kolundzija, B., Nikolajevic, V., Marincic, A., Sarkar, T. Efficient analysis of horn antennas using WIPL code at personal computers 34243
Kolundzija, B.M. Generalized combined field integral equation 33792
Kolyaskin, O.E. *see* Abalin, S.S. 9042
Kolyshkin, A.A., Vaillancourt, R. Double conductor line above a two-layered cylinder with varying properties 4196
Kolyshkin, A.A. *see* Vaillancourt, R. 52880
Kolysko, A.L. *see* Vikharev, A.L. 12060
Kolyubakin, A.I. *see* Antonov, V.E. 22273
Kolyvas, G.T., Tsiotsios, E.N., Venieris, L.S. Controlled frame and cell level access for efficient ATM interworking 26434
Kolze, T.J. Upstream HFC channel modeling and physical layer design 16773
Kom, M. *see* Tiedeu, A.B. 8020
Komaba, S. *see* Momma, T. 61278
Komaba, S. *see* Osaka, T. 36726
Komaba, S. *see* Osaka, T. 40687
Komachi, Y. *see* Wakaki, M. 55798
Komada, M., Kurihara, M.-A., Sasaki, S., Makabe, T., Hayashi, N. Development of advanced process for halftone phase shift mask fabrication with electron-beam exposure systems 22640
Komagata, M. A new method of reducing the particle contamination in semiconductor manufacturing 13063
Komagata, M., Yokoyama, K., Tanaka, Y., Suzuki, K. Nickel filled adhesives 10952
Komaki, A., Saito, S., Matsubayashi, S., Terada, M., Takehara, Z. Fundamental studies to develop the maintenance free lead-acid batteries. V. Sn content in positive grid alloy and addition of Mg^{2+} or Na^+ to electrolyte for increase of rechargeability of sealed lead-acid batteries 51474
Komano, H. *see* Nakamura, H. 22692
Komano, H. *see* Nakamura, H. 22710
Komar, V.K., Gektin, A.V., Ivanov, N.P., Nesterenko, Y.A., Shiran, N.V. Growth and study of properties of pure and rare-earth-doped $KMgF_3$ crystals 10603
Komarneni, S. *see* Prasada Rao, A.V. 937
Komarneni, S. *see* Prasada Rao, A.V. 21369
Komarov, A.A. *see* Zhelezin, A.A. 3957
Komarov, E.P. *see* Zimin, S.P. 12601
Komarov, F.F., Mozolevskii, I.E., Matus, P.P., Ananich, S.E. Distributions of the implanted impurity and energy release in high-energy ion implantation 54335
Komarov, F.F. *see* Herre, O. 32121
Komarov, K.L. *see* Ser'eznov, A.N. 58628
Komarov, K.P. Change of transverse mode structure and undamped spiking in solid-state laser 14021
Komarov, S. *see* Shimbo, B.N. 22901
Komarov, V.A. *see* Ismagilov, E.M. 40749
Komarov, V.G. *see* Zeldis, V.I. 16941
Komarov, V.S. *see* Zuev, V.E. 60064
Komatsu, A. *see* Teshigawara, Y. 35633
Komatsu, H. *see* Nakamura, H. 29553
Komatsu, H. *see* Shimizu, Y. 27462
Komatsu, J. *see* Ezure, H. 50743
Komatsu, K., Masuda, S., Takemura, Y., Yamada, T., Kakuno, K. Dynamic magnetization process in FeCoSiB amorphous wire under trigonal magnetic field 3037
Komatsu, K., Sezaki, K. Decomposition of high-band signals in a reversible subband coding by using similarity of bands 25297

Komatsu, K., Takata, H. A formal linearization by the Chebyshev interpolation and its applications 34964
Komatsu, K. *see* Hagiwara, T. 22688
Komatsu, K. *see* Hamamoto, K. 16509
Komatsu, K. *see* Horiuchi, T. 32258
Komatsu, K. *see* Kudoh, T. 37638
Komatsu, K. *see* Oda, M. 32305
Komatsu, K. *see* Sakata, Y. 33537
Komatsu, K. *see* Takemura, Y. 3035
Komatsu, K. *see* Takemura, Y. 13410
Komatsu, K. *see* Takeuchi, T. 16728
Komatsu, K. *see* Takeuchi, T. 26911
Komatsu, K. *see* Yamazaki, H. 26814
Komatsu, M., Ohkawa, K., Tsuchida, N., Imai, K. Hole position and inclination sensor with 2 dimensional PSD, and its application to automatic shaft inserting 27561
Komatsu, M. *see* Maeda, E. 42019
Komatsu, M. *see* Suzuki, M. 55089
Komatsu, M. *see* Toyama, H. 13826
Komatsu, M. *see* Tyminski, J.K. 32331
Komatsu, N. *see* Tsumura, T. 27921
Komatsu, N. *see* Tsumura, T. 58409
Komatsu, R., Iizuka, H., Uda, S. Growth of twinned lithium tetraborate crystal and its application to bimorph actuator 2989
Komatsu, R., Sugawara, T., Sassa, K., Sarukura, N., Liu, Z., Izumida, S., Segawa, Y., Uda, S., Fukuda, T., Yamanouchi, S.K. Lithium tetraborate ($Li_2B_2O_7$) crystals for the high-energy fifth-harmonic generation of Nd:YAG lasers 14284
Komatsu, R. *see* Uda, S. 30724
Komatsu, S. Laser microscopes based on optical heterodyne detection 17778
Komatsu, S. *see* Kawakubo, T. 43588
Komatsu, T. Performance evaluation tool for distributed network-system 16234
Komatsu, T., Itami, S., Yasui, T., Araki, T. Nanosecond air-discharge light source using an automobile spark-plug 9721
Komatsu, T., Onuma, J., Kim, H.G., Kim, J.R. Formation of Rb-doped crystalline phase with second harmonic generation in transparent K_2O-Nb_2O_5-TeO_2 glass ceramics 23434
Komatsu, T., Saito, T. Global motion segmentation method and its application to progressive scanning conversion 46100
Komatsu, T. *see* Nakazawa, Y. 4924
Komatsu, T. *see* Nakazawa, Y. 28893
Komatsu, T. *see* Nakazawa, Y. 56971
Komatsu, T. *see* Nakazawa, Y. 57233
Komatsu, T. *see* Nakazawa, Y. 57311
Komatsu, T. *see* Watanabe, S. 25295
Komatsu, Y., Kawabata, T. A control method of active power filter in unsymmetrical voltage system 50330
Komatsu, Y., Kawabata, Y., Kobayashi, M., Kawabata, T., Ejiogu, E.C. New induction machine rotor constants 9254
Komatsu, Y. *see* Katayama, R. 43908
Komatsu, Y. *see* Maeda, Y. 14641
Komatsubara, A., Mitani, S., Fukuda, K., Murayama, S. Boiler area monitoring and warning system for disaster prevention 60539
Komatsudaira, Y. *see* Nakano, T. 41125
Komatsuzaki, T. *see* Fukushima, A. 27248
Komatu, J. *see* Mizuno, O. 19495
Komatubara, M. *see* Takamiya, T. 23329
Komazaki, I. *see* Ito, M. 44596
Komazaki, T. *see* Feng Lu 53536
Komeda, H. *see* Nishimoto, H. 58308
Komeda, T., Nishioka, Y. Layer-by-layer etching of Si(111) surface by oxygen at elevated temperature 54449
Komeda, T. *see* During, C. 36645
Komeda, T. *see* Fujii, M. 8170
Komeda, T. *see* Uchida, T. 28069
Komeda, T. *see* Uchida, T. 28394
Komem, Y. *see* Shauly, E. 54632
Komendantov, A.S. *see* Sedlov, A.S. 38601
Kometani, F. *see* Kajino, F. 37402
Kometani, H. *see* Suzuki, Y. 20244
Kometzky, P. *see* Gergintschew, Z. 36754
Komi, T., Yatsui, K. Compact Ar-Xe discharge laser with surface multichannel arc ultraviolet preionizer 55498
Komin, V.V. *see* Kop'ev, P.S. 23931
Komin, V.V. *see* Tsatsul'nikov, A.F. 12383
Kominami, H., Nakamura, T., Nakanishi, Y., Hatanaka, Y. Improvement of low voltage cathodoluminescent properties of zinc sulfide phosphors by sol-gel method 13818
Kominami, H. *see* Nakanishi, Y. 55418
Kominami, M. *see* Wada, T. 14732
Kominami, M. *see* Wakabayashi, H. 56123
Kominami, S., Mita, R., Nishino, T. Anisotropy in resistivity of MoN_x films at 4.2 K [Josephson LSI] 3292
Kominami, S.'y. *see* Hosoya, M. 47501
Komine, K. *see* Nagahashi, H. 15817
Komine, Y. *see* Kuji, N. 11143
Komineas, S., Papanicolaou, N. Topology and dynamics in ferromagnetic media 23337
Komirenko, S.M. *see* Beketov, G.V. 54059
Komisarcik, K. *see* Hull, E.L. 59351
Komisarek, K. *see* Wang, N. 14564
Komissarova, M.V., Sukhorukov, A.P. Parametric processes in the interference of several channels of wave interaction 14390
Komistek, R.D. *see* Hoff, W.A. 28430
Komiya, N. Ghost measurement by waveform synthesis 17040
Komiya, N. Measurements of the time delay between the wanted and interfering signals in synchronized FM broadcasting 36309
Komiya, N. *see* Kushiro, N. 10017
Komiya, T. *see* Sasaki, T. 41094
Komiyaji, K. *see* Yahata, H. 53296
Komiyama, H. *see* Abudula, A. 29621
Komiyama, H. *see* Endo, A. 29619
Komiyama, H. *see* Hirasawa, M. 22505
Komiyama, H. *see* Shimogaki, Y. 54468
Komiyama, K. *see* Jimbo, M. 43666
Komiyama, K. *see* Kato, Y. 27862
Komiyama, K. *see* Tsunashima, S. 43658
Komiyama, S. Visual monitoring of multichannel stereo signals 27142
Komiyama, S. *see* Kawaguchi, Y. 12474
Komiyama, S. *see* Machida, T. 22327
Komla A., F., Yorino, N., Sasaki, H. Design of H_∞-PSS using numerator-denominator uncertainty representation 38295
Komm, R. *see* Barlow, S. 53767
Komma, Y., Kadowaki, S.-I., Nishino, S., Hori, Y., Kato, M. A holographic optical element for an integrated optical head 4130
Komma, Y., Tanaka, Y., Urairi, K., Nishino, S., Mizuno, S. Dual focus optical head with a hologram-integrated lens 43909
Komnik, Yu.F. *see* Kashirin, V.Yu. 12202
Komninos, Y. *see* Trahanias, P.E. 34801
Komo, D. *see* Bakal, B. 9055
Komo, D. *see* Bakal, B. 38512
Komoda, N. *see* Yumoto, M. 51863
Komoda, T., Weber, J., Homewood, K.P., Hemment, P.L.F., Sealy, B.J. Effect of forming gas anneals on the photoluminescence from nanocrystalline silicon formed by Si^+ implantation into SiO_2 matrix 31753
Komori, H. *see* Mizoguchi, H. 2474
Komori, I. *see* Kusakabe, Y. 30900
Komori, J. *see* Watanabe, H. 54649
Komori, M., Matsuoka, S., Fukata, S. Evaluations of a hybrid-type superconducting magnetic bearing system 43875
Komori, M. *see* Matsuda, T. 18282
Komori, M. *see* Suzuki, M. 52649
Komori, M. *see* Takeuchi, T. 54223
Komori, S., Nagata, K. Effects of molecular diffusivities on counter-gradient scalar and momentum transfer in strongly stable stratification 36970
Komori, S. *see* Ishii, K. 50194
Komori, S. *see* Oashi, T. 41171
Komori, S. *see* Sakashita, N. 1340
Komori, S. *see* Sakashita, N. 41142
Komori, S. *see* Yamashita, T. 41172
Komori, T., Ushio, T. Chaos coding with memory using many chaotic discrete-time systems 24785
Komori, Y., Mitsui, T., Sugiura, H. Rooted tree analysis of the order conditions of ROW-type scheme for stochastic differential equations 30653
Komori, Y. *see* Yamada, M. 15008
Komori, Y. *see* Yamada, M. 15108
Komori, Y. *see* Yamamoto, H. 24818
Komoriya, K. *see* Maekawa, H. 36452
Komov, A.A. *see* Susov, E.V. 33229
Komp, E. *see* Ussery, C. 53462
Komp, G. *see* Huish, P. 26389
Kompan, M.E., Kon'kov, O.I., Terukov, E.I., Trapeznikova, I.N., Shabanov, I.Yu. Intense luminescence with a tunable wavelength from films of tetrahedral amorphous hydrogenated carbon on a fused quartz substrate 55400
Kompanets, L, Andreev, A., Pozhidaev, E. Properties of new FLC and prospects of their application in fast optical valves, SLM and displays 3486
Kompe, R. *see* Noth, E. 14968
Kompella, A.K., Widjaja, I. Burst-level admission control protocols with multirate traffic and arbitrary network topology 46800
Kompf, D. *see* Verleger, R. 49627
Komukai, T., Miyazaki, H., Samejima, Y. An approach to the anisotropic conductive adhesives for micro-interconnection technology 22033
Komukai, T., Nakazawa, M. Fabrication of high-quality long-fiber Bragg grating by monitoring 3.1-eV radiation (400 nm) from GeO defects 3359
Komukai, T., Nakazawa, M. Efficient fiber gratings formed on high NA dispersion-shifted fibers 16719
Komukai, T., Yamamoto, T., Imai, T., Nakazama, M. Fabrication of high quality fiber Bragg grating and its wavelength tuning 13624
Komukai, T., Yamamoto, T., Imai, T., Nakazawa, M. Application of fiber Bragg gratings to spectral filtering 23515
Komukai, T. *see* Hara, T. 38290
Komura, S. *see* Yamanaka, K. 16080
Komuro, H. *see* Hondoh, H. 16233
Komuro, I. *see* Hiroshima, H. 32268
Komuro, K. *see* Otake, T. 17041
Komuro, M., Hiroshima, H. Fabrication and properties of dot array using electron-beam-induced deposition 40621
Komuro, M. *see* Nomoto, K. 42934
Komuro, M. *see* Saeki, T. 1385
Komuro, N. *see* Uedono, A. 54030
Komuro, S., Maruyama, S., Morikawa, T., Xinwei Zhao, Isshiki, H., Aoyagi, Y. Room-temperature luminescence from erbium-doped silicon thin films prepared by laser ablation 13809
Komuro, T. *see* McArdle, N. 33182
Komvopoulos, K. Surface engineering and microtribology for microelectromechanical systems 23039
Kon, J. *see* Uda, S. 10657
Kon, Y. A study on power system planning and operation under competitive environment 60329
Kon Max Wong *see* Qiang Wu 6500
Kon Max Wong *see* Yan Meng 25129
Kon Oh Dae *see* Dae Kon Oh
Kon Yim Zung *see* Zung Kon Yim
Konagai, C., Sano, Y., Aoki, N. Underwater direct metal processing by high-power copper vapour laser 177
Konagai, C. *see* Sano, Y. 21368
Konagai, M. *see* Hatatani, S. 40360
Konagai, M. *see* Miura, N. 54063
Konagai, M. *see* Ohtake, Y. 39064
Konagai, M. *see* Sang, B. 39137
Konagai, M. *see* Shirakashi, J. 2739
Konagai, M. *see* Shirakashi, J. 10929
Konagai, M. *see* Siamchai, P. 39139
Konagai, M. *see* Yamada, A. 52820
Konakova, R.V. *see* Belyaev, A.E. 12877
Konala, S. *see* Stroud, C. 31273
Konala, S. *see* Stroud, C. 41035
Konana, P., Gupta, A., Whinston, A.B. Digital contract approach for consistent and predictable multimedia information delivery in electronic commerce 47368
Konashenko, A.V. *see* Svirplis, N.P. 13028
Konate, A., Doualan, J.L., Girard, S., Margerie, J. Tunable CW laser emission of the (a) variety of $(F_2^+)_H$ centres in NaCl:OH^5 14057
Konate, A., Kawa, E., Doualan, J.L., Le Boulanger, P., Margerie, J. Infrared-induced bleaching and 'F-light' regeneration of laser-active (F_2^+)H centres in NaCl:OH^5 4019
Konc, M. *see* Fuezer, J. 3081
Konc, M. *see* Kollar, P. 3085
Konc, M. *see* Kovac, J. 3078
Koncha, A.A., Kosarev, A.B. Power supply traction system with current return conductor and contact line supports disconnected from rails 61279
Konczak, S., Urbanczyk, D. Thick film gas sensors based on stabilized zirconia films 58880
Konczykowska, A. *see* Desrousseaux, P. 58310
Konczykowska, A. *see* Martin, D. 13097
Konda, M., Shibata, T., Ohmi, T. Neuron-MOS correlator based on Manhattan distance computation for event recognition hardware 1676
Kondakov, V.M. *see* Buinovskii, A.S. 3241
Kondakova, O.N. *see* Dmitrenko, V.V. 59282
Kondapalli, S. *see* Mu, A. 6415
Kondilis, A. *see* Aperathitis, E. 51578
Kondis, D. *see* Triantis, D.P. 2632
Kondo, A., Kagoshima, K. Reflector design and radiation characteristics of a small-aperture multibeam antenna 14700
Kondo, E. *see* Fukae, K. 39161
Kondo, H. Effect of double bonds on friction in the boundary lubrication of magnetic thin film media 43705
Kondo, H., Cheng, K.-T. Driving toward higher I_{DDQ} test quality for sequential circuits: A generalized fault model and its ATPG 11352
Kondo, H., Kwang-Ting Cheng An efficient compact test generator for I_{DDQ} testing 53135
Kondo, H., Suharno, A., Morokuma, M. Adaptive image edge sharpening using phase-only synthesis 15460
Kondo, H., Taguchi, K., Nakanishi, T. Measurement of vehicle flow using spatial frequency analysis on TV image 48260
Kondo, H. *see* Onodera, S. 13445
Kondo, J. The spirit of safety: oriental safety culture 19512
Kondo, K., Fukui, K., Uno, K. Shape evolution of electrodeposited copper bumps 31648
Kondo, K., Inohara, T., Sato, H., Shimada, S. Development of impression database of textile pictures relative to personal impression and graphical features 5027
Kondo, K., Suzuki, R., Uto, Y., Igata, A. A comparison experiment of compressed and wideband pictures for educational purpose 84
Kondo, K., Yokoyama, M., Fukui, K., Shinohara, K. Exact shape evolution of electrodeposited bumps 12826
Kondo, K. *see* Ahatani, S. 33146
Kondo, K. *see* Hara, K. 37400
Kondo, K. *see* Itatani, J. 23833
Kondo, K. *see* Kikuchi, Y. 31256
Kondo, K. *see* Kikuchi, Y. 32292
Kondo, K. *see* Konishi, N. 17643
Kondo, K. *see* Matsuoka, R. 8929
Kondo, K. *see* Nanto, H. 17584
Kondo, K. *see* Nanto, H. 27737
Kondo, K. *see* Nanto, H. 36767
Kondo, K. *see* Okamoto, N. 12032
Kondo, K. *see* Sunouchi, K. 41169
Kondo, K. *see* Takamasa, T. 50727
Kondo, M. A study on a new ultrasonic pulsed-Doppler-based method and its application to diagnosis of cardiovascular system 59540
Kondo, M., Oda, K., Ohue, E., Shimamoto, H., Tanabe, M., Onai, T., Washio, K. Sub-10-fJ ECL/68-μA 4.7-GHz divider ultra-low-power SiGe

base bipolar transistors with a wedge-shaped CVD-SiO_2 isolation structure and a BPSG-refilled trench 41465
Kondo, M., Onodera, H., Tamaru, K. A method of extracting MOSFET parameters with small model dependency using a common intermediate model 32416
Kondo, M., Onodera, H., Tamaru, K. A current mode cyclic A/D converter with submicron processes 41265
Kondo, M., Onodera, H., Tamaru, K. A current mode cyclic A/D converter with a 0.8 μm CMOS process 41275
Kondo, M., Toyoshima, Y., Matsuda, A., Ikuta, K. Substrate dependence of initial growth of microcrystalline silicon in plasma-enhanced chemical vapor deposition 857
Kondo, M. *see* Fukushima, F. 48053
Kondo, M. *see* Ganguly, G. 29630
Kondo, M. *see* Mitsumoto, M. 16857
Kondo, M. *see* Miyao, M. 1978
Kondo, M. *see* Muramatsu, R. 27129
Kondo, M. *see* Soda, H. 6849
Kondo, N. Electrical properties of AlGaAs/GaAs two-dimensional electron gases (2DEGs) grown on GaAs substrates cleaned by an electron cyclotron resonance (ECR) hydrogen plasma 12345
Kondo, N., Monta, M., Fujiura, T. Basic constitution of a robot for agricultural use 4943
Kondo, S. High frequency switched resonant mode power conversion technologies. III. Trend of resonant inverters–high efficiency and electromagnetic radiation noise reduction 60860
Kondo, S., Hasaka, M., Morimura, T. Analysis of quadrupole splitting of transition metal doped β-$FeSi_2$ 31910
Kondo, S., Hasaka, M., Morimura, T. Temperature analysis of thermoelectric device of Cu_4SnS_4 with two dimension by boundary element method 39236
Kondo, S., Meguro, H. Feasibility study on square-wave-voltage power distribution system 19302
Kondo, S. *see* Harada, Y. 38520
Kondo, S. *see* Hasaka, M. 31919
Kondo, S. *see* Hayashibe, R. 59440
Kondo, S. *see* Hotta, Y. 240
Kondo, S. *see* Jeong, E. 38468
Kondo, S. *see* Liu, G.H.C. 3221
Kondo, S. *see* Miyazaki, H. 42701
Kondo, S. *see* Noguchi, T. 29451
Kondo, S. *see* Noguchi, T. 50932
Kondo, S. *see* Noguchi, T. 60744
Kondo, S. *see* Oishi, T. 57426
Kondo, S. *see* Takada, K. 29584
Kondo, S. *see* Tomioka, Y. 38561
Kondo, S. *see* Uda, S. 29350
Kondo, S. *see* Wakita, K. 26832
Kondo, S. *see* Watanabe, H. 27920
Kondo, S. *see* Yoshimoto, N. 22405
Kondo, S.-I. *see* Hasaka, M. 61103
Kondo, T., Yamagiwa, T., Yamanaka, K., Yamamoto, M. Detection of skill in skiing by motion analysis 25723
Kondo, T. *see* DeWitt, J. 59243
Kondo, T. *see* Horiuchi, N. 39185
Kondo, T. *see* Sadrozinski, H.F.W. 37399
Kondo, T. *see* Suguri, K. 1447
Kondo, T. *see* Terada, S. 37391
Kondo, T. *see* Toufuku, K. 36808
Kondo, T. *see* Unno, Y. 37395
Kondo, T. *see* Unno, Y. 37398
Kondo, T. *see* Ushijima, S. 25954
Kondo, T. *see* Wakamiya, M. 35897
Kondo, Y., Suwa, K. Linear predictive transmission diversity for TDMA/TDD personal communication systems 6594
Kondo, Y. *see* Akiba, J. 47263
Kondo, Y. *see* Aramoto, M. 35791
Kondo, Y. *see* Fukano, H. 23958
Kondo, Y. *see* Haru, T. 26303
Kondo, Y. *see* Itaya, Y. 26909
Kondo, Y. *see* Kajita, S. 32750
Kondo, Y. *see* Ohashi, S. 10135
Kondo, Y. *see* Okamoto, H. 44283
Kondo, Y. *see* Sato, K. 3949
Kondo, Y. *see* Sato, K. 44585
Kondo, Y. *see* Sato, K. 55717
Kondo, Y. *see* Suzaki, Y. 44531
Kondo, Y. *see* Tanobe, H. 3534
Kondo, Y. *see* Tanobe, H. 26934
Kondo, Y. *see* Wada, M. 44468
Kondo Seiji *see* Seiji Kondo
Kondoh, E., Nguyen, T.P., Plachke, D.-W., Carstanjen, H., Arzt, E. Interactions at interface between $Cu_{99}Ti_1$ thin films and polyimide 42631
Kondoh, J., Imayama, T., Matsui, Y., Shiokawa, S. Enzyme biosensor based on surface acoustic wave device 7435
Kondoh, J., Nakamura, M., Matsui, Y., Shiokawa, S. Shear horizontal surface acoustic wave microsensor system for water identification 27518
Kondoh, M. *see* Iwamoto, M. 27009
Kondoh, T., Obi, T., Yamaguchi, M., Ohyama, N. Information retrieval method from uncertain requests and its optical implementation 46179
Kondor, S.A. *see* Dey, A.K. 59866
Kondou, H. *see* Sakata, Y. 42481
Kondou, Y., Nakao, H., Matuda, S., Nakai, H. Advanced remote-controlled lighting system for residential use 39365
Kondow, M., Nakatsuka, S., Kitatani, T., Yazawa, Y., Okai, M. Room-temperature pulsed operation of GaInNAs laser diodes with excellent high-temperature performance 14124
Kondow, M., Natatsuka, S., Kitatani, T., Yazawa, Y., Okai, M. Room-temperature continuous-wave operation of GaInNAs/GaAs laser diode 14106
Kondow, M., Uomi, K., Niwa, A., Kitatani, T., Watahiki, S., Yazawa, Y., Hosomi, K., Mozume, T. GaNAs grown by gas source molecular beam epitaxy 30833
Kondoz, A.M. *see* Eryurtlu, F. 26410
Kondoz, A.M. *see* Sadka, A.H. 16425
Kondoz, A.M. *see* Sadka, A.H. 25696
Kondoz, A.M. *see* Sadka, A.H. 46499
Kondranine, S.G. *see* Koh, S.K. 7775
Kondrashev, S. *see* Bourgeois, M. 49273
Kondrashev, S.A., Collier, J., Sherwood, T.R. Space-charge compensation of highly charged ion beam from laser ion source 28003
Kondrashev, S.A. *see* Haseroth, H. 49278
Kondrashov, D., Keefer, D. 3-D MHD simulation of a railgun hybrid armature 24428
Kondrashov, V.E. *see* Koroza, V.I. 14541
Kondratenko, A.K., Bykov, M.A., Schastnykh, B.S., Glinov, A.P., Poltanov, A.E. The study of sliding contact in railgun with metal armature 33901
Kondratenko, A.N. *see* Girka, V.O. 45175
Kondratenko, M.M. *see* Vodop'yanov, V.N. 42048
Kondrat'ev, A.V. *see* Kandidov, V.P. 55748
Kondrat'ev, I.G. *see* Zaboronkova, T.M. 45423
Kondrat'ev, V.V., Utrobin, V.A. Fundamentals of the active image restoration process 46286
Kondrat'eva, G.I. *see* Tsipenyuk, Yu.M. 59189
Kondratiev, B.K. *see* Lazarev, N.V. 49036
Kondratiev, D.M., Korzhik, M.V., Fyodorov, A.A., Pavlenko, V.B. Scintillation in cerium-activated gadolinium-based crystals 3586
Kondratjuk, V. *see* Zingerman, W. 17174
Kondratyev, A. *see* Yakovlev, A. 31200
Kondrat'yev, A.S. *see* Khzmalyan, A.D. 14746
Kondratyev, V.V. *see* Yermakov, A.Y. 52831
Kondziolka, D. *see* Flickinger, J.C. 59765
Kone, O. Designing tests for time-dependent systems 46761
Kone, T. *see* Bunel, P. 28257
Konecni, A. *see* Dixit, G.A. 2442
Konecni, A.J. *see* Dixit, G.A. 42665
Konecny, R. *see* Gai, W. 37013
Koneke, R., Menzel, C., Ulber, R., Schugerl, K., Scheper, T., Saleemuddin, M. Reversible coupling of glucoenzymes on fluoride-sensitive FET biosensors based on lectin-glucoprotein binding 36712
Konemann, B., Bennetts, B., Jarwala, N., Nadeau-Dostie, B. Built-in self-test: assuring system integrity 2755
Konen, P.-L. Modern interfering-arc protection 8953
Konen, W. Comparing facial line drawings with gray-level images: a case study on PHANTOMAS 15876
Konenkova, E.V. *see* Bessolov, V.N. 12709
Konenkova, E.V. *see* Bessolov, V.N. 41923
Konenkova, E.V. *see* Bessolov, V.N. 54441
Konezny, M.D., Rao, S.S. Improving the DWT-LMS algorithm: boundary filter DWT matrix construction 4795
Kong, B.S. *see* Kyung, C.M. 41259
Kong, D.T. *see* Jayakumar, A. 47942
Kong, G.Y., Peterson, J.W., Cherniawski, M. Partnership for a rapid yield enhancement solution in a manufacturing environment on a 0.65 μm triple level metal device 32561
Kong, H., Guan, L. Enhancement and real-time analysis of an adaptive impulsive noise removal method 5184
Kong, H., Guan, L. An adaptive approach for removing impulsive noise in digital images 25424
Kong, H., Shwedyk, E. Iterative suboptimal decoding of interleaved coded PSK signals over frequency nonselective Rayleigh fading channels 45521
Kong, H.-S., Leonard, M., Bulman, O., Negley, G., Edmond, J. AlGaN/GaN/AlGaN double-heterojunction blue LEDs on 6H-SiC substrates 13884
Kong, J.A. *see* Johnson, J.T. 34041
Kong, J.A. *see* Nghiem, S.V. 38078
Kong, K.W. *see* Schaffer, T.A. 31342
Kong, M. *see* Liu, J. 33190
Kong, M. *see* Pan, D. 48510
Kong, M.B., Park, K.S. Optimal replacement of an item subject to cumulative damage under periodic inspections 30379
Kong, M.G. Energy spread analysis of a waveguide optical klystron 3915
Kong, M.G. Enhanced amplification of a waveguide free electron laser prebunched at multiharmonic frequencies 24030
Kong, M.G. *see* Amaratunga, G.A.J. 1916
Kong, Q., Berry, A. A general resource discovery system for open distributed processing 6156
Kong, Q., Chen, G. Integrating CORBA and TMN environments 35595
Kong, Q., Chen, G., Lawler, N. Distributed architecture for IN service management 26278
Kong, S., Minami, K., Esashi, M. Fabrication of reactive ion etching systems for deep silicon machining 43411
Kong, S.H. *see* Tsui, H.T. 35138
Kong, S.K., Ku, W.H. Effects of non-ideal Hadamard modulators on the performance of ΠΔΣ ADC 21774
Kong, T.Y. On topology preservation in 2-D and 3-D thinning 4968
Kong, W.M., Takahashi, H., Nakajima, M. Generation of 3D hair model from 2D image using image processing 35249
Kong, X. *see* Prahlad, M. 49604
Kong Dejun *see* Zhang Yueping 10668
Kong Fan-Jia *see* Fan-Jia Kong
Kong Fanlong *see* Fanlong Kong
Kong Hong Jin *see* Hong Jin Kong
Kong Jeong-Taek *see* Jeong-Taek Kong
Kong Jin Au *see* Jin Au Kong
Kong Linbing The research of insulated-gate type FET's physical principle 54664
Kong Meiying *see* Lin Jinmin 7356
Kong Meiying *see* Meiying Kong
Kong Ning *see* Ning Kong
Kong Qing-Yu *see* Mu Xiao-Dong 43989
Kong Qinzheng *see* Qinzheng Kong
Kong Seong-Gon *see* Seong-Gon Kong
Kong Tianming, Hong Xianlong, Qiao Changge VEAP: Global optimization based efficient algorithm for VLSI placement 40807
Kong Yufei *see* Xu Zuyan 4073
Kong Zhimin *see* Wu Yi 38288
Kong-Beng Thei *see* Wen-Chau Liu 42956
Kong-Pang Pun *see* Fung-Yuel Chang 2583
Kong-Soo Lee *see* Su-Hyon Paek 13228
Kongchang Chen *see* Chen Kongchang
Konheim, A.G. *see* Hjalmtysson, G. 5711
Konheim, A.G. *see* Hjalmtysson, G. 46578
Konicek, J. *see* Vylov, T. 7833
Konig, D. *see* Hanson, J. 28495
Konig, H., Krumm, H. Implementations of communication protocols 35518
Konig, H. *see* Filz, O. 59693
Konig, P., Geiger, M., Ottenwalder, D., Scholz, F., Hangleiter, A. Control of field screening effects in GaInAs(P)/GaInAsP quantum-confined Stark effect modulator structures 3459
Konig, S. *see* Wagner, H.-J. 51548
Konig, U. *see* Gluck, M. 31495
Konig, U. *see* Hagelauer, R. 31193
Konig, W. *see* Udem, T. 27341
Konig, Y., Bourlard, H., Morgan, N. REMAP–experiments with speech recognition 24876
Konig, Y., Bourlard, H., Morgan, N. REMAP: recursive estimation and maximization of a posteriori probabilities–application to transition-based connectionist speech recognition 56385
Konijn, J. *see* Annis, P. 59237
Konijnenburg, M.H. *see* van der Linden, J.T. 53121
Konin, A.M., Sashchiuk, A.P. Anomalous magnetoconcentrational effect in a uniaxially deformed germanium crystal 1990
Koning, A.H.J. *see* Zuiderveld, K.J. 25252
Konishi, A. *see* Abiko, T. 43899
Konishi, C. *see* Asahi, K. 6765
Konishi, C. *see* Noda, A. 26736
Konishi, H. *see* Sato, M. 19281
Konishi, J. *see* Yonekura, Y. 59475
Konishi, K. *see* Taki, K. 41260
Konishi, M. *see* Kasuga, T. 22707
Konishi, N., Kondo, K., Mano, H. 34-cm Super TFT-LCD with wide viewing angle 17643
Konishi, R. *see* Sugahara, K. 40782
Konishi, R. *see* Sugahara, K. 46277
Konishi, T. *see* Asano, A. 25530
Konishi, T. *see* Yamamoto, O. 28921
Konishi, Y., Nakagawa, K. Numerical analysis of an arbitrary horizontal antenna above a lossy ground 56119
Konishi, Y. *see* Maenaka, K. 17259
Konishi, Y. *see* Miura, T. 21870
Konishi, Y. *see* Miyataka, M. 18342
Konishi, Y. *see* Nishizawa, K. 56137
Konkar, A. *see* Rich, D.H. 31976
Konkin, S.V., Krivitskii, A.M., Rebone, V.K., Rotinyan, M.A., Fedorov, I.A. A fuel-component supply system for multiregime tests of continuous-wave HF/DF chemical lasers 33387
Konkin, S.V., Rebone, V.K., Rotinyan, M.A., Tret'yakov, N.E., Fedorov, I.A. Characteristics of a high-power supersonic CW chemical HF laser with helium and nitrogen dilution 13955
Konkka, I., Punkkinen, J., Pikkarainen, P., Helenius, K.-P., Turjanmaa, V. Alterations in electric activity in stomach in diabetic patients suffering from nephropathy 59718
Kon'kov, O.I., Terukov, E.I., Trapeznikova, I.N. Fabrication and properties of low-temperature tetrahedral amorphous carbon films 31877
Kon'kov, O.I. *see* Kompan, M.E. 55400
Konma, N. *see* Kimura, T. 29458
Konnert, J. *see* Elton, R.C. 33199
Konno, K., Chiyokura, H. An approach of designing and controlling free-form surfaces by using NURBS boundary Gregory patches 10442
Konno, M. Ladder grounded coplanar line 11645
Konno, M., Sugawara, S., Kudo, S. Piezoelectric vibratory gyroscope as an angular velocity sensor 2992
Konno, M. *see* Ono, N. 16606
Konno, R. *see* Itoh, K. 13892
Konno, S. *see* Yasul, K. 14378
Konno, T.J. *see* Dong Liang Peng 56028

Konno, Y., Nakamura, K., Bitoh, T., Saga, K., Yano, S. A consistent scan design system for large-scale ASICs 53086
Kono, E. *see* Kato, Y. 12014
Kono, I. *see* Go, H. 13995
Kono, J., McCombe, B.D., Cheng, J.-P., Lo, I., Mitchel, W.C., Stutz, C.E. Far-infrared magneto-optical study of two-dimensional electrons and holes in InAs/Al$_x$Ga$_{1-x}$Sb quantum wells 32041
Kono, K. *see* Kishimoto, N. 55394
Kono, O. *see* Katagiri, K. 55106
Kono, S. *see* Doke, T. 28019
Kono, S. *see* Nishimori, T. 40424
Kono, S. *see* Yeom, H.W. 2253
Konolige, K. A refined method for occupancy grid interpretation 15273
Kononchuk, O., Brown, R.A., Radzimski, Z., Rozgonyi, G.A., Gonzalez, F. Gettering of Fe to below 10^{10} cm^{-3} in MeV self-implanted Czochralski and float zone silicon 22517
Kononchuk, O. *see* Bondarenko, I. 31775
Kononchuk, O. *see* Bondarenko, I. 32083
Kononchuk, O.V. *see* Dremova, N.N. 18122
Kononenko, O.V., Matveev, V.N. The improvement of immunity to electromigration by means of microstructural design 42776
Kononenko, O.V., Matveev, V.N. Relationship between the void and hillock formation and the grain growth in thin aluminum films 42787
Kononenko, O.V., Matveev, V.N., Koval, Y.I., Dubonos, S.V., Volkov, V.T. Electromigration in submicron wide copper lines 42747
Kononenko, O.V., Matveev, V.N., Koval, Yu.I., Dubonos, S.V., Volkov, V.T. Electromigration in submicron wide copper lines 42756
Kononenko, T.V., Garnov, S.V., Klimentov, S.M., Konov, V.I., Loubnin, E.N., Dausinger, F., Raiber, A., Taut, C. Laser ablation of metals and ceramics in picosecond-nanosecond pulsewidth in the presence of different ambient atmospheres 43383
Kononenko, V.K. *see* Afonenko, A.A. 23992
Kononov, E.N., Reshetnyak, S.A., Shelepin, L.A., Shcheglov, V.A. Application of radar to remote monitoring of radiation conditions 18916
Kononov, E.N. *see* Elokhin, A.P. 8520
Kononov, V.N. *see* Gulevich, A.V. 33375
Kononov, Yu.D. Mutual adaptation of power engineering and economy to changing conditions: methods of investigation 39548
Kononovitch, G. *see* Boyer, G.R. 14053
Konop, S.N., Konstanffnova, A.G., Malov, A.N. Mechanism of the hologram recording in "self-developed" dichromated gelatin layers 4122
Konopacki, J. *see* Dobrowski, J. 31345
Konopelnyuk, V.V. *see* Anatychuk, L.I. 39249
Konopka, A.M., Twitchell, T.G. Higher voltage servo redesign requires current sensing re-evaluation 51728
Konopka, J., Trybula, W. Overall equipment effectiveness (OEE) and cost measurement [semiconductor manufacturing] 30157
Konopka, R., Trommer, M. A multilayer-architecture for SNMP-based, distributed and hierarchical management of local area networks 57813
Konoplev, O.A., Meyerhofer, D.D. Cancellation of B-integral accumulation in CPA lasers 14078
Konoplev, Yu.N., Mamaev, Yu.A., Starostin, V.N. Broad-band antireflection coatings on glass for oblique incidence of light 23646
Konopsky, V.N., Sekatskii, S.K., Letokhov, V.S. Single atom electron emission from the silicon tip coated by calcium fluoride with samarium dopant ions 53924
Konopsky, V.N., Zhirnov, V.V., Sokolov, N.S., Alvarez, J.C., Givargizov, E.I., Bormatova, L.V., Letokhov, V.S., Sekatskii, S.K. Field – and photoassisted field emission studies of calcium fluoride coated silicon tips 53925
Konorski, J. Performance of a remainder enforcement transmission rule in a high-speed register-insertion ring 35505
Konotop, V.V. On wave propagation in periodic structures with smoothly varying parameters 44002
Konov, V.I. *see* Karabutov, A.V. 53922
Konov, V.I. *see* Kononenko, T.V. 43383
Konova, A., Tonova, D., Karmakov, J. Damage depth profiles of shallow-implanted or compositional-graded surfaces for X-ray and γ-ray detectors 37314
Konovalov, I. *see* Breitenstein, O. 39203
Konovalov, S.F. *see* Filatov, A.V. 23431
Konovalov, V. *see* Janssen, P. 13737
Konovalov, V.A. *see* Murin, B.P. 49190
Konrad, A., Graovac, M. The floating potential approach to the characterization of capacitive effects in high-speed interconnects 41595
Konrad, A. *see* Coppoli, E.H.R. 45179
Konrad, A. *see* Qiushi Chen 33786
Konrad, J., Viet-Nam Dang Coding-oriented video segmentation inspired by MRF models 57013
Konrad, S. Thermal behavior of power modules in PWM-inverter 40893
Konrads, U. *see* Abramowski, S. 26370
Konstanffnova, A.G. *see* Konop, S.N. 4122
Konstantaki, M. *see* Michie, C. 17400
Konstantaki, M. *see* Michie, C. 17454
Konstantaki, M. *see* Michie, W.C. 48953
Konstantaki, M. *see* Wei Jin 48632
Konstantinides, K., Natarajan, B., Yovanof, G.S. Noise estimation and filtering using block-based singular value decomposition 35298
Konstantinides, K. *see* Natarajan, B. 25664
Konstantinides, K. *see* Natarajan, B. 56930
Konstantinides, K. *see* Burleson, W. *(editor)* 29950
Konstantinidis, S. *see* Jurgensen, H. 4513
Konstantinov, A. *see* Kalesinskas, V. 24444
Konstantinov, A.N. *see* Gridin, S.V. 49343
Konstantinov, A.O., Hallin, C., Kordina, O., Janzen, E. Effect of vapor composition on polytype homogeneity of epitaxial silicon carbide 748
Konstantinov, A.O. *see* Son, N.T. 31889
Konstantinov, B.A. *see* Denisov, L.K. 44373
Konstantinov, K. *see* Stambolova, I. 17578
Konstantinov, M.Yu. *see* Bronnikov, K.A. 36369
Konstantinov, P.P. *see* Alekseeva, G.T. 12309
Konstantinov, P.P. *see* Kutasov, V.A. 54126
Konstantinov, V.B. *see* Gurevich, S.B. 4138
Konstantinova, G.S. *see* Lozovskii, V.N. 21234
Konstantopoulos, T., Si-Jian Lin High variability versus long-range dependence for network performance 35493
Konstantoulakis, G.E., Stassinopoulos, G.I. High performance ATM terminals: Design and evaluation 6378
Konstantoulakis, G.E., Stassinopoulos, G.I., Dimatos, A. Efficient layered communication stack implementation for broadband end-systems 6271
Konstantoulakis, G.E. *see* Doulamis, A.D. 25833
Konstantoulakis, G.E. *see* Pramataris, K.C. 26402
Kontaxis, G. *see* Koronides, A. 19234
Kontcha, A., Schmidt, P. Electric safety in overhead contact line areas of electric railways 20153
Konter, J.A. *see* Van den Brandt, B. 37163
Kontic, Z., Ivanovic, V.I. The light liquid fuel saving in Kosovo A thermal power plant 19531
Kontinen, J. *see* Roning, J. 37590
Kontio, H. *see* Puska, E.K. 50714
Kontola, K. *see* Laine, H.-J. 59473
Kontovasilis, K. *see* Mitrou, N. 5673
Kontoyianis, I. *see* Castelli, V. 28597
Konuk, H., Ferguson, F.J., Larrabee, T. Charge-based fault simulation for CMOS network breaks 22990
Konukseven, I. *see* Choset, H. 27469
Konuma, H. *see* Kuroki, K. 56887
Konuma, M., Silier, I., Gutjahr, A., Hansson, P.O., Cristiani, G., Czech, E., Bauser, E., Banhart, F. Centrifugal techniques for solution growth of semiconductor layers 10686
Konuma, M. *see* Silier, I. 10773
Konuma, M. *see* Silier, I. 30759
Konuma, R. *see* Nozaki, M. 26033
Konya, H. *see* Miyadera, Y. 26213
Konya, Y. *see* Ichimura, M. 51491
Konyaev, A.Yu., Nazarov, S.L. Electrodynamic separators with moving magnetic field 20262
Konyaev, V.P. *see* Ryabtsev, G.I. 3887
Konyakhin, I.A. *see* Batyan, P.V. 48867
Konyashin, I.Y. *see* Guseva, M.B. 40609
Konygin, G.N. *see* Yermakov, A.Y. 52831
Konynenburg, P.van *see* van Konynenburg, P.
Konyushkin, V.A. *see* Mirov, S.B. 33451
Konz, F. *see* Frenz, M. 18504
Koo, C. *see* Mu, A. 6415
Koo, H.H. *see* Kim, E.S. 51301
Koo, J.G. *see* Kim, J.D. 32347
Koo, J.G. *see* Lee, S. 31498
Koo, K.P. *see* Kersey, A.D. 36614
Koo Baik Hong *see* Hong Koo Baik
Koo Euh-Suh *see* Euh-Suh Koo
Koo Hahn Cheol *see* Cheol Koo Hahn
Koo Jin Gun *see* Jin Gun Koo
Koo Jun Mo *see* Jun Mo Koo
Koo Junmo *see* Junmo Koo
Koo Kyeonghoon *see* Kyeonghoon Koo
Koo Ping Chen *see* Ping Chen Koo
Koo Rhee Jin *see* Jin Koo Rhee
Koo Tak-Mo *see* Tak-Mo Koo
Koo Yeon-Geon *see* Yeon-Geon Koo
Koobi, T., Kaukinen, S., Turjanmaa, V.M.H., Uusitalo, A.J. Reliability of whole-body impedance cardiography in the measurement of cardiac output 59606
Koobi, T. *see* Kauppinen, T. 28292
Koog Shin Jin *see* Jin Koog Shin
Koohong Kang, Cheeha Kim ATM connection admission control scheme using multilayer perceptron 26422
Kooi, P.S. *see* Chen, X.H. 35981
Kooi, P.S. *see* Deng, T.Q. 11717
Kooi, P.S. *see* Dong, Y.C. 34139
Kooi, P.S. *see* Lau, Y.C. 53637
Kooi Pang-Shyan *see* Pang-Shyan Kooi
Kooij, B.J. The electromagnetic field emitted by a pulsed current point source above the interface of a nonperfectly conducting Earth 14516
Kooij, B.J. Transient Cerenkov radiation emitted by a pulsed line current traveling above the interface of a two-media configuration 33793
Kooij, M.W.A.Van der *see* Van der Kooij, M.W.A.
Kook Kim Hong *see* Hong Kook Kim
Kook Kim Sun *see* Sun Kook Kim
Kook Park Dong *see* Dong Kook Park
Kook Shin Hyun *see* Hyun Kook Shin
Kook-Hun Kim, Jong-Bo Ahn, Seog-Joo Kim, Jong-Moo Lee, So-Hyung Kim, Jung-Mun Kim, Seung-Il Moon, Un Kim Seung-L Moon, Seung-L Moon, U.K. A study on development of real time online generator simulator for excitation controller tests 50385
Kook-Sang Park, Kimoto, T., Matsunami, H. High quantum-efficiency 4H-SiC UV photodiode 44254
Kook-Sang Park, Ky-Am Lee Characteristic photoresponse of a 6H-SiC UV photodiode 55425
Koola, P.M. *see* Jagadeesh Kumar, V. 50815
Koole, G. On the use of the power series algorithm for general Markov processes, with an application to a Petri net 39993
Koole, G. Dynamic programming tools for control of telecommunication systems 46684
Koole, G., Passchier, O. Optimal control in light traffic Markov decision processes 46608
Koole, P., Holsheimer, J., Struijk, J.J., Verloop, A.J. Recruitment characteristics of nerve fascicles stimulated by a multigroove electrode 49793
Koolen, A.E.A. *see* Oosterkamp, T.H. 2196
Kools, J.C.S. *see* van der Graaf, A. 43668
Koomen, P. *see* Greidanus, H. 8312
Koomen, P.J. *see* Snoeij, P. 16914
Koomen, P.J. *see* Snoeij, P. 27040
Koomen, P.J. *see* Vermeulen, B.C.B. 14763
Koomen, P.J. *see* Vermeulen, B.C.B. 27042
Koomey, J.G., Piette, M.A., Cramer, M., Eto, J.H. Efficiency improvements in US office equipment 51635
Koon, D.W., Knickerbocker, C.J. Effects of macroscopic inhomogeneities on resistive and Hall measurements on crosses, cloverleafs, and bars 7523
Koonen, A.M.J. *see* Camy, P. 26837
Koonen, A.M.J. *see* van der Plaats, J.C. 17074
Koonen, T., Muys, T., van der Plaats, C., de Groot, S.M.H., Kenter, H.J.H.N., Niemegeers, I.G.M.M., Slothouber, F.N.C. TOBASCO: an innovative approach for upgrading CATV fiber-coax networks for broadband interactive services 58034
Koontz, R. *see* Ruth, R.D. 49165
Koontz, R.F. *see* Wang, J.W. 49051
Koopman, N. *see* Rinne, G. 22083
Koopman, P. Tracking down lost messages and system failures 26022
Koopmann, G.H., Lesieutre, G.A., Dershem, B.R., Weicheng Chen, Yoshikawa, S. Embeddable induced strain actuators using framed 3-3 piezoceramic stacks: modeling and characterization 13345
Koopmann, G.H. *see* Lesieutre, G.A. 3009
Koops, B.-J. A survey of cryptography laws and regulations 4534
Koops, B.-J. *see* Verheul, E. 24784
Koops, H.W.P. Photonic crystals built by three-dimensional additive lithography enable integrated optics of high density 23562
Koops, H.W.P., Schossler, C., Kaya, A., Weber, M. Conductive dots, wires, and supertips for field electron emitters produced by electron-beam induced deposition on samples having increased temperature 22163
Koops, H.W.P. *see* Babin, S. 22705
Koops, H.W.P. *see* Dobisz, E.A. 22734
Koops, H.W.P. *see* Schmidt, A. 42825
Koops, M., Huijser, T., Karthaus, W. Design and evaluation of carbon fibre-reinforced launch packages with segmented, copper and molybdenum fibre armatures 24407
Koori, N. *see* Murohka, H. 59271
Koori, N. *see* Nohtomi, A. 59302
Kooyman, R.P.H. *see* Lenferink, A.T.M. 48440
Koozehkanani, Z.D., Mehta, P., Darwish, M.K. Active symmetrical lattice filter for harmonic current reduction 41308
Koozehkanani, Z.Daie *see* Daie Koozehkanani, Z.
Kopaev, Yu.V. *see* Birjulin, P.I. 54208
Kopaeva, Y.V. *see* Kapaev, V.V. 54200
Kopalko, K. *see* Godlewski, M. 12436
Kopardekar, P. *see* Nouragas, P. 59968
Kopcsay, G.V. *see* Deutsch, A. 43289
Kopczynski, K. *see* Jabczynski, J.K. 3759
Kopczyk, M., Wojcik, G. Application of the hydrogen absorbing alloys to Ni-MH type accumulators 9497
Kopczyk, M. *see* Wojcik, G. 9498
Kopczynski, K. *see* Jabczynski, J.K. 23839
Kopczynski, K. *see* Kaczmarek, S. 14028
Kopczynski, K. *see* Kaczmarek, S. 14030
Kopczynski, K. *see* Malinowski, M. 3735
Kopczynski, K. *see* Mierczyk, Z. 14029
Kopec, G.E. Document image decoding in the Berkeley Digital Library 57318
Kopec, G.E., Lomelin, M. Document image decoding approach to character template estimation 57229
Kopec, M. Telecommunications law 46839
Kopec, M. *see* Lisik, Z. 40911
Kopecky, W. *see* Dawson, J. 37868
Kopeika, N.S. *see* Arnon, S. 6804
Kopeika, N.S. *see* Arnon, S. 47955
Kopeika, N.S. *see* Arnon, S. 58291
Kopeika, N.S. *see* Arnon, S. 58292
Kopeika, N.S. *see* Stern, A. 15945
Kopeika, N.S. *see* Stern, A. 46015
Kopeika, N.S. *see* Yitzhaky, Y. 35248
Kopeikin, R. Secure trading on the Net 6229
Kopelman, R. *see* Rosenzweig, Z. 36783
Kopelman, R. *see* Shortreed, M.R. 27969
Kopestansky, J. *see* Tykva, R. 37328
Kop'ev, P.S., Ledentsov, N.N., Ustinov, V.M., Kochnev, I.V., Bert, N.A., Egorov, A.Yu., Zhukov, A.E., Komin, V.V., Kosogov, A.O., Krestnikov,

I.L., Maximov, M.V., Ruvimov, S.S., Sakharov, A.V., Sherniakov, Yu.M., Tsatsul'nikov, A.F., Zaitsev, S.V., Alferov, Zh.I., Bimberg, D. Self organized InAs-GaAs quantum dots injection laser structure 23931
Kop'ev, P.S. *see* Averbukh, B.Y. 12332
Kopev, P.S. *see* Darhuber, A.A. 40304
Kop'ev, P.S. *see* Grenzer, J. 53606
Kop'ev, P.S. *see* Guasch, C. 44217
Kop'ev, P.S. *see* Guasch, C. 44217
Kop'ev, P.S. *see* Krestnikov, I.L. 42141
Kop'ev, P.S. *see* Krestnikov, I.L. 44464
Kop'ev, P.S. *see* Ledentsov, N.N. 2177
Kop'Ev, P.S. *see* Ledentsov, N.N. 24005
Kop'ev, P.S. *see* Maksimov, M.V. 44463
Kop'ev, P.S. *see* Ruvimov, S. 22418
Kop'ev, P.S. *see* Schomburg, E. 53616
Kop'ev, P.S. *see* Shernyakov, Yu.M. 55653
Kop'ev, P.S. *see* Tsatsul'nikov, A.F. 12328
Kop'ev, P.S. *see* Tsatsul'nikov, A.F. 12383
Kop'ev, P.S. *see* Wang, P.D. 12490
Kop'ev, P.S. *see* Winnerl, S. 42106
Kop'ev, P.S. *see* Zaitsev, S.V. 44520
Kop'ev, P.S. *see* Zhukov, A.E. 41934
Kop'ev, P.S. *see* Zhukov, A.E. 44487
Kopf, D. ISDN turns over a new leaf 6272
Kopf, D. New networks, new challenges [PCS] 6631
Kopf, D., Keller, U., Emanuel, M.A., Beach, R.J., Skidmore, J.A. 1.1-W cw Cr:LiSAF laser pumped by a 1-cm diode array 23875
Kopf, D., Keller, U., Emanuel, M.A., Beach, R.J., Skidmore, J.A. 1-W cw diode-pumped Cr:LiSAF laser 33449
Kopf, D. *see* Aus der Au, J. 55556
Kopf, D. *see* Braun, A. 3804
Kopf, D. *see* Keller, U. 55904
Kopf, D.C. *see* Ranon, P.M. 13753
Kopf, R. *see* Ellison, T. 51591
Kopf, R.F. *see* Malik, R.J. 1736
Kopf, U. *see* Badura, E. 37241
Kopilevich, Y.I. *see* Feigels, V.I. *(editor)* 20306
Kopl, R. *see* Treitinger, L. 13114
Kopl, R. *see* Treitinger, L. 22952
Kopp, B.A. *see* Axness, T.A. 4388
Kopp, D.T. *see* Handers, T.A. 49422
Kopp, F. *see* Banakh, V.A. 18849
Kopp, F. *see* Werner, C. 8462
Kopp, G., Derks, M. Stay tuned: photonic filters color your world 55368
Kopp, G. *see* Graham, A. 44098
Kopp, G.A., Derks, M.J., Elmore, D.F., Hassler, D.M., Woods, J.C., Streete, J.L., Blankner, J.G. Tunable liquid-crystal filter for solar imaging at the He I 1083-nm line 33143
Kopp, J. *see* Rose, C. 36473
Kopp, L. *see* Loubet, G. 48031
Kopp, R., O'Connor, T. Industry partnerships with university engineering and technology programs; a mutually beneficial relationship 20612
Kopp, R. *see* O'Connor, T. 20698
Kopp, V.I. New mechanism of glass structures ordering by two harmonics irradiation 14348
Kopp, V.I., Mochalov, I.V., Smirnova, L.A., Zarubina, T.V. Effect of resonance in rare-earth ions on second order nonlinear susceptibility recording in the glasses 14347
Kopp, W.F. *see* Tang, O.S.A. 31530
Kopp-Borotschnig, H. *see* Pinz, A. 25276
Koppa, P., Chavel, P., Oudar, J.L., Kuszelewicz, R., Lugagne-Delpon, E. Uniformity and noise limitations of free-space optical computing and switching systems based on arrays of optical bistable devices 14275
Koppang, P. *see* Breakiron, L.A. 23722
Koppari, K. *see* Steinvall, O. 8499
Koppen, M. *see* Grossert, S. 5425
Koppen, S.V. A description of the software element of the NASA EME flight tests 49921
Koppenhoefer, S., Decotignie, J.-D., Auslander, D. Fieldbus based integrated communication and control systems 57892
Kopperschmidt, P., Kaestner, G., Hesse, D., Goesele, U.M., Lorenz, M. Back-to-back substrate wafer bonding: a new approach to the fabrication of double-side coated wafers 43753
Koppikar, D.A., Kulkarni, S.V., Khaparde, S.A., Jha, S.K. Evaluation of eddy losses due to high current leads in transformers 38785
Koppl, G., Frey, F. Interconnection between different neutral point connection systems in a regional network 8868
Koprinarova, J. *see* Spassova, E. 23097
Kopriva, I. *see* Cosic, K. 31307
Koprulu, K.G. *see* Kartaloglu, T. 55828
Koprulu, K.G. *see* Kartaloglu, T. 55872
Koprulu, T. *see* Cardakli, S.H.K. 47344
Koprululu, A. *see* Maier-Schneider, D. 22206
Kops, E.Rota *see* Rota Kops, E.
Kopylov, A.V. *see* Dan'shin, S.N. 49317
Kopylov, A.V. *see* Mottl, V.V. 5586
Kopylov, A.V. *see* Mottl, V.V. 34978
Kopylov, A.V. *see* Mottl, V.V. 46289
Kopylov, I.P. Tides--their connection with the electromechanics of the planet 50817
Kopylov, I.P., Moshchinskii, Yu.A., Bessmertnykh, N.A. Active and reactive power of single-phase asynchronous motors in dynamic conditions 19735
Kopylov, L.N. *see* Domnin, Yu.S. 27203
Kopylov, S.M. *see* Chelny, A.A. 31997
Kopylov, Yu.V., Popov, A.V., Vinogradov, A.V. Diffraction phenomena inside thick Fresnel zone plates 24453
Kopysitskii, T.I. *see* Grushetskaya, M.I. 52444
Kopytenko, E.A. *see* Ptitsyna, N.G. 28456
Kopytenko, Y.A. *see* Ptitsyna, N.G. 28456
Kopytov, V.V., Lizunov, V.D., Naboka, T.V. Investigation of a laser interferometric goniometer 48918
Korableva, S.L. *see* Sarukura, N. 3752
Korakakis, D., Sampath, A., Ng, H.M., Morales, G., Goepfert, I.D., Moustakas, T.D. Growth and doping of GaN directly on 6H-SiC by MBE 21265
Korall, M. *see* Koretz, B. 9491
Korany, E.A. Prediction model selection for compression of satellite images 60022
Korb, K.B. *see* Wallace, C. 45577
Korba, G. *see* Maldonado, M.A. 18711
Korbe, N.C. *see* Clews, P.J. 42455
Korbe, N.C. *see* Resnick, P.J. 42484
Korbicz, J. *see* Ucinski, D. 58699
Korbutowicz, R. *see* Paszkiewicz, B. 3645
Korcarz, C. *see* Mor-Avi, V. 37732
Korchagin, Yu.V. *see* Akimov, V.A. 28024
Korchemskaya, E. *see* Burykin, N. 59027
Korchmaros, G. *see* Bonisoli, A. 40034
Korczynski, E. Design challenges in vacuum robotics [wafer handling] 2760
Korde, U.A. *see* Gonzalez-Galvan, E.J. 57391
Kordecki, A., Slusarek, B. Influence of temperature on characteristics of dielectromagnets 13467
Kordecki, A., Weglinski, B. Auxiliary poles made of permanent magnets, thermomagnetics and soft magnetic 60805
Kordella, S. *see* Barbour, B.A. 8604
Kordesch, K. *see* Selan, M. 20011
Kordesch, K.V. *see* Binder, L. 61047
Kordina, O. *see* Konstantinov, A.O. 748
Kordina, O. *see* Son, N.T. 31889
Kordina, O. *see* Son, N.T. 42015
Kordis, T.F. *see* Panescu, D. 59573
Kordon, U. Portable speech-based aids for blind persons 56405
Kordonis, I.-G.E., Philos, C.G. Oscillation of neutral difference equations with periodic coefficients 40237
Kordonsky, K.B. *see* Gertsbakh, I. 52359
Kordos, P. *see* Horstmann, M. 47994
Kordos, P. *see* Horstmann, M. 58316
Kordos, P. *see* Langen, W. 2715
Kordos, P. *see* Marso, M. 22755
Kordos, P. *see* Schimpf, K. 1716
Kordos, P. *see* Schimpf, K. 2711
Kordos, P. *see* Schimpf, K. 41444
Kordos, P. *see* Schoning, M.J. 13180
Kordos, P. *see* Schoning, M.J. 27486
Kordyas, A.J., Nossarzewska-Orlowska, E., Sarnecki, J. Large area silicon epitaxial detectors with build in field 49334
Korehisa, M. *see* Cong-Kha Pham 11566
Koreishi, J. *see* Sugasawa, F. 29867
Korejwo, E. *see* Rojewski, W. 19927
Korejwo, E. *see* Synal, B. 19923
Korekado, T., Okuno, K., Kurazono, S. Shielding phenomena of electromagnetic wave in flame plasma 14644
Korematsu, S., Ogawa, T., Sato, K., Sawaguchi, K. Autoregressive power spectral analysis of blood pressure during sleep in neonates 49383
Koren, H. *see* Arntsen, O. 28435
Koren, H. *see* Solberg, R. 8560
Koren, I., Koren, Z. Yield analysis of a novel scheme for defect-tolerant memories 21687
Koren, I., Laine, A., Taylor, F., Lewis, M. Interactive wavelet processing and techniques applied to digital mammography 18375
Koren, I. *see* Chiluvuri, V.K.R. 43217
Koren, I. *see* Koren, Z. 32532
Koren, I. *see* Venkataraman, A. 32511
Koren, I. *see* Zhan Chen 32537
Koren, U., Miller, B.I., Young, M.G., Chien, M., Raybon, G., Brenner, T., Ben-Michael, R., Dreyer, K., Capik, R.J. A polarization insensitive semiconductor optical amplifier with integrated electroabsorption modulators 44483
Koren, U. *see* Hemenway, B.R. 36148
Koren, U. *see* Hunziker, G. 14152
Koren, U. *see* Liou, K.-Y. 47970
Koren, U. *see* Liou, K.-Y. 58386
Koren, U. *see* Loh, W.H. 14220
Koren, U. *see* Miller, B.I. 55629
Koren, U. *see* Paiella, R. 14179
Koren, U. *see* Paiella, R. 33682
Koren, U. *see* Raybon, G. 26697
Koren, U. *see* Raybon, G. 26936
Koren, U. *see* Young, M.G. 26833
Koren, Z., Koren, I. On the effect of floorplanning on the yield of large area integrated circuits 32532
Koren, Z. *see* Koren, I. 21687
Koren, Z. *see* Regvart, B. 51209
Korenev, I.L. *see* Koshkarev, D.G. 49029
Korenev, I.L. *see* Yudin, L.A. 59110
Korenev, S.A. An electron source with a Bi-Sr-Ca-Cu-O ceramics-based explosive-emission cathode 22166
Korenivski, V., Van Dover, R.B., Mankiewich, P.M., Ma, Z.-X., Becker, A.J., Polakos, P.A., Fratello, V.J. A method to measure the complex permeability of thin films at ultra-high frequencies 7529
Korenkov, I.P., Voronin, K.V., Ivanov, S.I., Pol'skii, O.G., Sobolev, A.I., Verbova, L.F., Babushkina, O.P., Rduskoi, A.I., Sokolov, A.D., Fedorovskii, Yu.P. Comparative assessment of the indications of different types of radon meters 60089
Koretskaya, O.B., Okaevich, L.S., Potapov, A.I., Tolbanov, O.P. Transport and charge collection in compensated GaAs particle detectors 37224
Koretski, A.A. *see* Chmill, V.B. 37223
Koretz, B., Harats, Y., Goldstein, J.R., Korall, M. The Electric Fuel™ zinc-air mechanically rechargeable battery system for electric vehicles 9491
Koretz, B. *see* Goldstein, J.R. 29781
Korevaar, E. *see* Schuster, J. 6797
Korevaar, E.J. *see* Begley, D.L. 6781
Korhonen, I. *see* Gronlund, J. 49714
Korhonen, I. *see* Sorsa, H. 18193
Korhonen, J. *see* Leppala, K. 8264
Korhonen, M.A., Liu, T., Li, C.-Y. Isothermal fatigue crack growth in flip chip solder joints 250
Korhonen, M.A. *see* Brown, D.D. 42744
Korhonen, T. *see* Kashiwagi, S. 49209
Korilis, Y.A., Lazar, A.A., Orda, A. Achieving network optima using Stackelberg routing strategies 35530
Korioth, J.L. *see* Borovina, D.L. 51403
Korioth, J.L. *see* Davanloo, F. 51266
Korjik, V., Kushnir, D. Key sharing based on the wire-tap channel type II concept with noisy main channel 4562
Korkishko, Y.N., Fedorov, V.A. Integrated ferroelectrics $H_xLi_{1-x}NbO_3$, $H_xLi_{1-x}TaO_3$ and $Zn_{x/2}Li_{1-x}TaO_3$ formed by ion exchange technique: the crystal structure and optical properties 43502
Korkishko, Yu.N., Fedorov, V.A. Structural phase diagram of $H_xLi_{1-x}NbO_3$ waveguides: The correlation between optical and structural properties 44007
Korkishko, Yu.N., Fedorov, V.A., De Micheli, M.P. Structural phase diagrams of proton exchanged waveguides on Z-, X- and Y-cuts of $LiNbO_3$ 33063
Korkishko, Yu.N., Fedorov, V.A., De Micheli, M.P., Baldi, P., Hadi, K.E., Leycuras, A. Relationships between structural and optical properties of proton-exchanged waveguides on Z-cut lithium niobate 23543
Korman, C.E., Mayergoyz, I.D. Semiconductor noise in the framework of semiclassical transport 31799
Korman, C.E. *see* Gwo-Chung Tai 1284
Korman, R., Capitanio, D. Distribution systems for CMP: the new challenge 2407
Korman, R.S. Addressing contamination issues raised by CMP slurries 54444
Kormanik, N.J. Integration and test of a fiber optic gyro AHRS into a fly-by-light aircraft configuration 59911
Kormann, C. *see* Laun, H.M. 27979
Kormann, Cl., Laun, H.M., Richter, H.J. MR fluids with nano-sized magnetic particles 981
Kormann, L.F., Westphall, C.B., Coser, A. OSI usage metering function for the OSIMIS management platform 5982
Kormann, L.F. *see* Morales De Franceschi, A.S. 6114
Kormann, L.F. *see* Westphall, C.B. 46925
Kormicki, M., Mahmood, A., Carlson, B.S. Parallel logic simulation on a network of workstations using PVM 11334
Kormilin, V.A. *see* Martyshevcky, J.V. 37602
Korn, F., Sidiropolos, N., Faloutsos, C., Siegel, E., Protopapas, Z. Fast and effective similarity search in medical tumor databases using morphology 49372
Korn, G. *see* Barty, C.P.J. 3802
Korn, G. *see* Kittelmann, O. 33666
Korn, I. M-ary CPFSK-DPD with L-diversity maximum ratio combining in Rician fast-fading channels 6529
Korn, I. Binary PRCPM with differential phase detection and maximal ratio combining diversity in satellite mobile, land mobile and Gaussian channels 6562
Korn, I. Multiamplitude and multidimensional digital communication system in a Gaussian channel 35387
Korn, M. *see* Nurnberger, J. 44457
Kornatz, A., Pregla, R. Analysis of electromagnetic boundary-value problems in inhomogenous media with the method of lines 24321
Kornblit, A. *see* Cirelli, R.A. 32279
Korneenkov, V.K. *see* Belous, O.L. 53995
Korneev, N., Mansurova, S., Rodriguez, P., Stepanov, S. Fast operation of GaAs based adaptive photodetectors in visible light 27560
Korneev, N., Mansurova, S., Rodriguez, P., Stepanov, S. Fast and slow processes in the dynamics of near-surface space-charge grating formation in GaAs 44764
Korneev, N., Rodriguez, P., Stepanov, S. 2D pattern matching with adaptive photodetectors 27554
Korneev, N., Rodriguez, P., Stepanov, S. 2-D image correlation by adaptive photodetectors 27559
Korneev, N.A., Mansurova, S.S., Stepanov, S.I., Hall, T.J., Powell, A.k. Non-steady-state photoelectromotive force in semiconductor photorefractive crystals biased by dc field 3307
Korneev, N.V. *see* Matveev, V.V. 9510
Korneeva, V. *see* Kalmykov, L. 59839

Kornegay, K.T. *see* Chen, J.-S. 53051
Kornegay, K.T. *see* Chiou, L. 3672
Kornegay, K.T. *see* Lam, M.P. 2843
Kornegay, K.T. *see* Man Pio Lam 54705
Kornegay, K.T. *see* Ryu, S. 54803
Korneichuk, S.K., Fedorov, M.I. Photoelectric characteristics of photodetectors based on a GaAs/CuPc heterojunction 48563
Korner, C. *see* Bergmann, H.W. 171
Korner, J. *see* Fachini, E. 34555
Korner, L. *see* Schlichting, J. 1854
Korner, T.O., Yoder, P.D., Bomholt, L.H., Fichtner, W. Optical-electronic simulation of a GaAs metal-semiconductor-metal (MSM) photodetector 17383
Korner, U. *(editor)* ITC Specialists Seminar on Control in Communications 20378
Kornhauser, A.A. *see* Bunch, T.K. 29121
Kornhuber, H.H. *see* Rosche, J. 49583
Kornienko, L.S., Korolenko, P.V., Fedotov, N.N., Sharkov, V.F. Geometrical-optics description of helical fields in open cavity resonators 24037
Kornienko, L.S. *see* Voronin, V.G. 23830
Kornilov, N.V. Capture cross section measurements with a total energy BGO-detector 7802
Kornilov, V.G. *see* Galstjan, E.A. 53978
Kornis, J. *see* Fuzessy, Z. 4132
Kornis, J. *see* Fuzessy, Z. 14418
Kornmeyer, H. *see* Krawczynski, H. 37287
Kornowski, R.R., Schroeder, D.R. A novel right-angle LED design 7491
Kornprobst, P., Deriche, R., Aubert, G. Image restoration via PDE 56886
Korobitsyn, V.V. *see* Batrakov, V.V. 17577
Korobko, E.V. Nontraditional application of electrorheological effect 10979
Korobko, E.V. *see* Qiu, Z.Y. 984
Korobkov, V.I. *see* Golubtsov, I.V. 50225
Korobkov, V.V., Nitusov, V.V., Seleznev, L.I. Finding the efficiency of the LP cylinders of steam turbines during their diagnostics 29094
Korobkov, V.V., Nitusov, V.V., Seleznev, L.I. Analysis of errors in experimental measurements of the efficiency of the low-pressure cylinder in steam turbines of thermal power stations 38614
Korobov, A.V. *see* Luchau, D.W. 18695
Korobov, V.I. *see* Svistunov, Yu.A. 49215
Korobova, N.I. *see* Alferov, D.F. 29460
Korochentsev, V.I., Statsenko, L.G., Statsenko, V.N. Investigations of energetic characteristics of the acoustic arrays in a shallow sea 48142
Korogi, Y., Takahashi, M., Mabuchi, N., Watabe, T., Shiokawa, Y., Shiga, H., O'Uchi, T., Nakagawa, T., Miki, H., Horikawa, Y., Fujiwara, S., Furuse, M. MR angiography of intracranial aneurysms: a comparison of 0.5 T and 1.5 T 59489
Korol, A.A. *see* Achasov, M.N. 37251
Korolenko, P.V. *see* Kornienko, L.S. 24037
Korolev, A.E. *see* Vorzobova, N.D. 44781
Korolev, A.N. *see* Smirnov, M.V. 15766
Korolev, I.I., Geneva, E.V., Benklyan, S.E. Combined cooling systems for cogeneration power stations 29081
Korolev, K.A. *see* Altukhov, I.V. 22198
Korolev, V.S., Maltsev, A.N. New technology of gas lasers electron beam pumping 3700
Korolev, Yu.D. *see* Bochkov, V.D. 24377
Korolev, Yu.D. *see* Bolotov, A.V. 22124
Koroleva, M.E. *see* Lyabin, N.A. 13915
Korolkiewicz, E. *see* Sambell, A. 24561
Korolkova, N., Perina, J. Quantum statistics and dynamics of Kerr nonlinear couplers 44698
Koroloev, Yu.D. *see* Bochkov, V.D. 28950
Korolov, Yu.D. *see* Bochkov, V.D. 28949
Korolyov, A.V. *see* Bartashevich, M.I. 32804
Koroman, V. *see* Klaic, A. 29828
Korompis, D. *see* Lorenzelli, F. 15325
Korompis, D. *see* Wang, A. 28442
Korompis, D. *see* Wang, A. 28686
Korompis, D. *see* Wang, A. 34645
Korona, K.P., Jasinski, J., Kurpiewski, A., Kaminska, M., Jagadish, C., Tan, H.H., Krotkus, A., Marcinkevicius, S. Ultrafast carrier trapping and high resistivity of MeV energy ion implanted GaAs 12232
Korona, K.P. *see* Hark Hoe Tan 55387
Korona, Z., Kokar, M.M. Model theory based fusion framework with application to multisensor target recognition 15999
Korondi, P., Hashimoto, H., Harashima, F., Nemeth, G. Park vector based sliding mode control of UPS with unbalanced load 51239
Koronides, A., Philippou, M., Kontaxis, G. Dispatcher's training simulator for the Greek EMS: a facility for training and software development 19234
Koronovsky, A.A. *see* Andrushkevich, A.V. 31140
Korosec, A., Vorsic, J., Balan, F.S. Flickermeter 61320
Korosec, D. *see* Sostaric, A. 45784
Korostelin, Yu.V. *see* Kozlovskii, V.I. 12719
Korostik, K.N. Recirculation method in applied research 27765
Korostik, K.N., Malevich, I.A. A programmable power supply for injection lasers 24056
Korostik, K.N., Malevich, I.A. Stabilizing system for delay of pulsed injection-laser emission 33572
Korostin, S.V. *see* Astrov, D.N. 7283
Korotchenkov, G.S., Michailov, V.A., Blaje, V.A. The nature of M-InP contacts aging 42275
Korotchenkov, G.S. *see* Dorogan, V.V. 13833
Koroteev, N.I., Magnitskii, S.A., Shubin, V.V., Sokolyuk, N.T. Photochemical and spectroscopic properties of naphthacenequinones as candidates for 3D optical data storage 43902
Koroteev, N.I., Makarov, V.A., Volkov, S.N. Sum frequency generation in light reflection from the surface of an isotropic gyrotropic medium 14349
Koroteev, N.I. *see* Akimov, D.A. 3337
Koroteev, N.I. *see* Akimov, D.A. 43903
Koroteev, N.I. *see* Angeluts, A.A. 44631
Koroteev, N.I. *see* Fedotov, A.B. 14372
Koroteev, N.I. *see* Il'inova, T.M. 14389
Koroteev, N.I. *see* Zheltikov, A.M. 4057
Koroteev, N.L. *see* Akimov, D.A. 14346
Korotkov, A.L. *see* Gavrilenko, V.I. 54201
Korotkov, A.N. Charge sensitivity of single-electron transistor with superconducting electrodes 32912
Korotkov, A.N. Superconducting single-electron transistor as an electrometer 55127
Korotkov, A.S. Predistortion technique for element simulation type SC-filters 1561
Korotkov, D.A. *see* Kabanov, V.F. 12559
Korotkov, L.N., Shuvalov, L.A., Fedosyuk, R.M. Dielectric nonlinearity in mixed KDP-ADP crystals 2928
Korotkov, L.N. *see* Gridnev, S.A. 2927
Korotkov, S.V. *see* Grekhov, I.V. 13945
Korotkov, S.V. *see* Grekhov, I.V. 13946
Korotkov, S.V. *see* Grekhov, I.V. 14224
Korotkov, V.I. *see* Abramova, L.Yu. 17785
Korotkov, V.I. *see* Pulkin, S.A. 24114
Korotkova, V.V. *see* Apollonov, V.V. 14315
Korotky, S.K., Veselka, J.J. An RC network analysis of long term Ti:$LiNbO_3$ bias stability 13700
Korotky, S.K. *see* Hansen, P.B. 26730
Korotky, S.K. *see* Veselka, J.J. 26757
Korotky, S.K. *see* Veselka, J.J. 47950
Korotov, A. Optical properties of $GaAs/GaAs_{1-x}P_x$ superlattices 55399
Korovin, N.V. Advanced half-gas systems for rechargeable batteries 9493
Korovin, O.V. *see* Novikov, N.N. 39944
Korovin, S.D. *see* Gubanov, V.P. 54002
Koroza, V.I. On the investigation of nonstationary and transient processes in irregular waveguides 34161
Koroza, V.I., Kondrashov, V.E. On the anomalous behavior of pulses of TEM waves in irregular matched junctions 14541
Koroznikov, O.V. *see* Aleksandrov, A.V. 49205
Korpar, S. *see* Krizan, P. 59293
Korpeoglu, I. *see* Tsong-Ho Wu 48250
Korpi, M.F., Carbonara, C.P., Young, V.E. The impact of nonlinear editing on the post-production process 17102
Korppi-Tommola, T. *see* Pohjonen, H. 28278
Korres, G. *see* Contaxis, G.C. 8765
Korsakas, S., Vainoras, A., Ruseckas, R., Miskinis, V. Standardization of exercise tests in computerized ECG analysis system 49662
Korsakas, S. *see* Bauer, J.U. 49603
Korschinsky, J., Hirschfeld, J. Lighting control in modern television studios 58559
Korshak, A.N. *see* Gribnikov, Z.S. 2574
Korshak, A.N. *see* Vagidov, N.Z. 42143
Korshikova, T.I. *see* Dubovik, M.F. 13230
Korshumova, Y. *see* Chuprin, A. 45104
Korshunov, F.P. *see* Sobolev, N.A. 2190
Korshunov, I.G. *see* Shikhov, Yu.A. 48973
Korst, J.H.M. *see* de Fluiter, B. 1062
Korsten, M. *see* Van Dijck, H. 57242
Korsten, M.J. *see* Hoogeveen, R.M. 15726
Korstjens, C.M., Spruijt, R.J., Geraets, W.G.M., Mosekilde, L., van der Stelt, P.F. Reliability of an image analysis system for quantifying the radiographic trabecular pattern 49551
Korsunov, A.R. Digital self-testing attenuator for elevated power for 1-4 GHz frequency range 27432
Korsunskaya, N.E. *see* Kislyuk, V.V. 12219
Kortanek, K.O. *see* Moulin, P. 15306
Kortbawi, D., Goyer, J., Thompson, J., Commisso, B., Weber, B., Ottinger, P. Improvement plans for Decade Module 1 19892
Korte, L. *see* Golshani, A. 55662
Korte, L. *see* Kock, A. 14115
Korte, L. *see* Kock, A. 55731
Korte, L. *see* Rotter, M. 55339
Korthorst, T. *see* de Bree, H.-E. 13166
Korting, H.C. *see* Gottlober, P. 49554
Kortmann, R.D., Hess, C.F., Meisner, C., Schmidberger, H., Bamberg, M. Accuracy of field alignment in abdominal radiation therapy 8090
Kortov, V.S., Milman, L.I. Detecting media for combined ESR-TSL-TSEE dosimetry 28481
Kortov, V.S., Sjurdo, A.I., Scharafutdeinow, F.F., Dickmann, K., Dik, E. UV laser radiation dosimetry based on thermo-luminescence detectors 37909
Koruguth, P.J. *see* Lo, J.Y. 59563
Korun, M., Martincic, R. Measurements of the total-to-peak ratio of a semiconductor gamma-ray detector 59205
Korurek, M. *see* Kocyigit, Y. 8165
Korvenranta, H. *see* Gronlund, J. 49714
Korvink, J.G. *see* Bachtold, M. 14524
Korvink, J.G. *see* Bachtold, M. 22943
Korvink, J.G. *see* Baltes, H. 23068
Korvink, J.G. *see* Baltes, H. 43407
Korvink, J.G. *see* Dauderstadt, U.A. 36466
Korvink, J.G. *see* Funk, J.M. 43389
Kory, C.L. Three-dimensional simulation of helix traveling-wave tube cold-test characteristics using MAFIA 1950
Koryakin, S.A. *see* Kazmiruk, V.V. 12076
Koryavin, A.R., Volkova, O.V. Discharge in long air gaps at presence of insulated bodies 28945
Koryavin, A.R., Volkova, O.V. Electrical discharge in long air gaps in the presence of insulated bodies 54981
Korycki, J., Kostreva, M. Self-tuning norm-relaxed method of feasible directions 40100
Korytin, A. *see* Yanovsky, V.P. 55586
Koryukin, I.V., Khandokhin, P.A., Khanin, Ya.I., Mandel, P. Gyroscopic potentialities of semiconductor ring laser 14208
Korzec, D. *see* Werner, F. 11676
Korzh, V.G. *see* Belousov, Ye.V. 53992
Korzhavyi, P.A. *see* Ponomarev, K.V. 54071
Korzhik, M. *see* Alexeev, G. 59200
Korzhik, M.V. *see* Kondratiev, D.M. 3586
Korzinin, Yu. *see* Ludman, J.E. 24049
Korzinin, Yu.L. *see* Andreeva, O.V. 14415
Korzumin, G.S., Tiunov, V.F. Method for measuring rotational remagnetization energy losses in ferromagnetic materials 48844
Korzun, B.V. *see* Savchuk, V.A. 54124
Kos, M. *see* Iovu, M.S. 12331
Kosai, H. *see* Benson, S.V. 18075
Kosaka, A. *see* Rahardja, K. 35221
Kosaka, H., Kajita, M., Yamada, M., Sugimoto, Y. A 16×16 optical full-cross-bar connection module with VCSEL-array push/pull module and polymer-waveguide coupler connector 26873
Kosaka, H., Kajita, M., Yao Li, Sugimoto, Y. A two-dimensional optical parallel transmission using a vertical-cavity surface-emitting laser array module and an image fiber 26876
Kosaka, H. *see* Kajita, M. 26869
Kosaka, H. *see* Kawakami, T. 23986
Kosaka, H. *see* Yao Li 13763
Kosaka, K., Yamada, A. Numerical study of porous media thermoelectric converter 20066
Kosaka, M., Onodera, H., Nakamichi, T., Yamaguchi, Y. Performance of a torque magnetometer in high magnetic fields using a hybrid magnet 27841
Kosaka, T. *see* Yamada, M. 15008
Kosaka, T. *see* Yamada, M. 15108
Kosaka, T. *see* Yamamoto, H. 24818
Kosaka, Y. *see* Yamada, T. 43030
Kosaki, M. *see* Minoda, A. 60401
Kosaki, M. *see* Mitsumoto, S. 32718
Kosaki, M. *see* Nagao, M. 32717
Kosaki, M. *see* Tohyama, K. 32699
Kosaki, M. *see* Tohyama, K. 32703
Kosakovskaya, Z.Y. *see* Gulyaev, Yu.V. 53897
Kosanovic, B.R., Chaparro, L.F., Sclabassi, R.J. Signal modeling with dynamic fuzzy sets 28345
Kosarev, A.B. *see* Koncha, A.A. 61279
Kosarev, A.I., Smirnov, A.S., Abramov, A.S., Vinogradov, A.J., Ustavschikov, A.Yu., Shutov, M.V. Effect of ion bombardment in very-high frequency glow discharge on growth and properties of SiH, films 30918
Kosarev, A.I. *see* Abramov, A.S. 10908
Kosarev, A.N. *see* Aleksandrov, A.V. 49205
Kosareva, O.G. *see* Brodeur, A. 55555
Kosarsky, A.Yu. *see* Shcherbakov, A.S. 23954
Kosbar, L.L. *see* Shaw, J.M. 10229
Kosbi, K. *see* Schulze, S. 23046
Koschan, A., Rodehorst, V., Spiller, K. Color stereo vision using hierarchical block matching and active color illumination 5304
Koschier, L. *see* Wenham, S.R. 39088
Koschinski, W. *see* Polzius, R. 7451
Koschurinov, J.I. *see* Schomburg, E. 53616
Koschurinov, Yu. *see* Grenzer, J. 53606
Koschurinov, Yu. *see* Winnerl, S. 42106
Koscielniak, S., Root, L., Lee, R., Laxdal, R., Grguric, I. Beam dynamics of the TRIUMF ISAC RFQ 49094
Koscielniak, S. *see* Bricault, P.G. 49093
Koscielnik, D. DQDB: Metropolitan network for multimedial applications. I. Physical structure and transmission format 6109
Koscielnik, D. DQDB: metropolitan network for multimedia applications. II. Asynchronous mode transmission and the layer structure of DQDB terminal 6233
Kosec, M. *see* Slunecko, J. 48464
Kosek, M.R. *see* Fienup, J.R. 16904
Koseki, A. *see* Tani, T. 37839
Koseki, T., Miyatake, M., Sone, S. Vertical transport system driven by linear synchronous motors and cooperation of its multiple cages 20164
Koseki, T., Yamanaka, H., Ueki, T., Nayuki, M., Honjo, M., Minamiyama, T., Arai, A. Material and process for black matrix on array 13729
Koseko, Y. *see* Murai, S. 11142
Kosemura, K. *see* Nakajima, A. 41151
Kosemura, K. *see* Nakajima, A. 43145
Kosenko, E. *see* Buzelis, R. 3770
Koshak, W.J., Solakiewicz, R.J. On the retrieval of lightning radio sources from time-of-arrival data 38076
Koshel, R.J., Walmsley, I.A. Optimal design of optically side-pumped lasers 14067
Koshelev, M., Kreinovich, V. Why monotonicity in interval computations? 531
Koshelev, M. *see* Finkelstein, A.M. 7021

Koshelev, M. *see* Kreinovich, V. 48802
Koshelev, P.A., Rogovoi, M.D. Processes in a welding rectifier 20273
Koshelev, V. *see* Andreev, J. 45362
Kosheleva, O. *see* Finkelstein, A. 30497
Koshelyaevsky, N. *see* Al'shina, A. 27937
Koshelyaevsky, N. *see* Gaigerov, B. 27332
Koshevaya, S. *see* Grimalsky, V. 45090
Koshi, H. *see* Hamanaka, K. 5219
Koshi, H. *see* Nakagawa, K. 14358
Koshi, V., Edwards, D.J. Probability of cochannel interference in the case of noncoherent phasor addition with unequal powers in Rayleigh fading environments 6494
Koshi, V., Edwards, D.J., Mehler, M.J. A theoretical treatment of the relationship between propagation parameters, quality of service and capacity 35959
Koshi, V., Edwards, D.J., Street, A.M. An approach to the calculation of the probability of cochannel interference for PCS/PCN cellular planning 47634
Koshiba, M., Kojima, T., Tsuji, Y., Eguchi, M. Reduction in higher order effects on logic functions of asymmetric nonlinear optical fiber couplers by bandwidth limited amplification 33173
Koshiba, M. *see* Alam, M.S. 45261
Koshiba, M. *see* Hirayama, K. 41391
Koshiba, M. *see* Maruyama, S. 45337
Koshiba, M. *see* Ohkawa, Y. 45065
Koshiba, M. *see* Osman, N. 44521
Koshiba, M. *see* Tsuji, Y. 3401
Koshiba, M. *see* Tsuji, Y. 44029
Koshiba, S., Tanaka, I., Nakamura, Y., Noge, H., Sakaki, H. Ultrahigh vacuum atomic force microscope study of 10-30 nm scale GaAs ridge structure formation by molecular beam epitaxy 30773
Koshiba, S. *see* Nakamura, Y. 22301
Koshiba, S. *see* Tanaka, I. 52733
Koshida, N. *see* Araki, M. 3636
Koshida, N. *see* Mizuno, H. 12745
Koshida, N. *see* Nakagawa, T. 2366
Koshida, N. *see* Oguro, T. 32052
Koshigoe, J. *see* Tanaka, K. 33378
Koshiishi, H. *see* Nakajima, H. 7024
Koshiishi, H. *see* Suzuki, T. 55340
Koshiji, K. *see* Kubota, T. 39439
Koshiji, M. *see* Suzuki, R. 15612
Koshikawa, S. *see* Veliev, E.I. 45087
Koshikawa, S. *see* Veliev, E.I. 56006
Koshimizu, H. *see* Kato, K. 57202
Koshimizu Hiroyasu *see* Hiroyasu Koshimizu
Koshin, A. *see* Nakaya, K. 39408
Koshino, M. *see* Sakagami, T. 16352
Koshio, N. *see* Tanaka, T. 38840
Koshio, N. *see* Tanaka, T. 38871
Koshkarev, D.G., Korenev, I.L., Yudin, L.A. Conceptual design of linac for power HIF driver 49029
Koshkarev, D.G. *see* Barkhudaryan, A.V. 59127
Koshkarev, D.G. *see* Yudin, L.A. 59110
Koshovy, V.V., Lozynsky, A.B., Romanishin, I.M., Romancev, Y.V. Restoration of radio image of non coherent radio sources, basing on measured visibility function 48206
Koshuba, S.V. *see* Achasov, M.N. 37251
Koshy, J., Kumar, K.S., Kurian, J., Sajith, P.K., Yadava, Y.P., Damodaran, A.D. $DyBa_2SnO_{5.5}$: a newly developed perovskite microwave substrate for superconducting Bi-cuprate thick film $T_{c(0)}$=110K 3275
Koshy, J. *see* Babu, T.G.N. 13479
Koshy, J. *see* Kurian, J. 10833
Koshy, R. *see* Wolf, W. 6388
Kosiba, D.A., Kasturi, R. Automatic invoice interpretation: invoice structure analysis 5642
Kosicki, B.B. *see* Reich, R.K. 36661
Kosiedowski, U. *see* Pritschow, G. 61208
Kosina, H. *see* Kaiblinger-Grujin, G. 54044
Kosina, H. *see* Wasshuber, C. 13049
Kosina, H. *see* Wasshuber, C. 43154
Kosinova, M.L. *see* Fainer, N.I. 40546
Kosinski, C., Pirga, M. Fringe image quality estimation to a 3D measurement path optimisation 48870
Kosinski, C. *see* Kujawinska, M. 35232
Kosinski, J.A. The fundamental nature of acceleration sensitivity 13402
Kosinski, J.A. *see* Reid, J.R. 13404
Kosinski, S.G. *see* Hansen, P.B. 26730
Kosinskii, A.V., Makarov, V.V. Investigation of the accuracy and speed of response of a broadband module for inputting frequency signals 36402
Kosiur, D. E-mail grows up 16208
Koskela, M., Koukkari, J., Kuuskoski, J. Designing an electric propulsion system and power plant for optimum safety 29814
Koskelainen, P., Rakkolainen, I., Soininen, R., Suvanto, J. SISU–Schools to Information Superhighway 26271
Koski, A. Modelling ECG signals with hidden Markov models 18416
Koski, A. Lossless ECG encoding 28334
Koski, A. Analyzing ECG signals with continuous probability hidden Markov models 49704
Koskinen, M. *see* Kauppinen, T. 28292
Kosko, B. *see* Hyun Mun Kim 56592
Koskolos, N.C. *see* Dialynas, E.N. 50478
Kosiov, J. *see* Lane, F. 17091
Kosmala, A. *see* Rigoll, G. 5367
Kosmann, D. *see* Roth, A. 8405
Kosmopoulos, J.A. *see* Zenginoglou, H.M. 45164
Kosmopoulos, S.A. Future trends on terrestrial-satellite mobile systems using advanced multiplexing and modulation techniques 26587
Kosogov, A. *see* Heinrichsdorff, F. 40651
Kosogov, A.O. *see* Darhuber, A.A. 40304
Kosogov, A.O. *see* Kop'ev, P.S. 23931
Kosogov, A.O. *see* Ledentsov, N.N. 2177
Kosogov, A.O. *see* Ledentsov, N.N. 24005
Kosonocky, W.F. *see* Jun Li 27655
Kosonocky, W.F. *see* Kaplinsky, M.B. 17496
Kosonocky, W.F. *see* Tong, F.M. 44195
Kosonscky, W.F. *see* Lange, M.J. 17465
Kosov, A.S., Vald-Perlov, V.M., Zotov, V.A. High-efficiency powerful millimetre wave varactor multiplier 53596
Kosro, P.M. *see* Wilson, T.C., Jr. 50133
Koss, E.F. *see* Timmons, J.B. 60995
Koss, J. *see* Protiwa, F.-F. 51232
Koss, V. *see* Ioffe, I. 39763
Kossacki, P. *see* Gaj, J.A. 22368
Kossakowski, K.-P. *see* Ferreira, J.N. 6253
Kossanyi, J. *see* Bachir, S. 33248
Kossek, S. *see* Padeste, C. 48696
Kossentini, F. *see* Chung, W.C. 25369
Kossentini, F. *see* Lee, Y.-W. 25442
Kossentini, F. *see* Yuen-Wen Lee 56958
Kossives, D. *see* Goossen, K.W. 16494
Kossives, D. *see* Jenshan Lin 41717
Kossives, D. *see* Law, H.H. 1777
Kossives, D. *see* Lentine, A.L. 33316
Kossives, D.P. *see* Lentine, A.L. 3660
Kossov, V.G. *see* Dalinenko, I.N. 27145
Kossut, J. *see* Dietl, T. 2203
Kossut, J. *see* Godlewski, M. 12436
Kossut, J. *see* Jaroszynski, J. 12438
Kossut, J. *see* Kutrowski, M. 10723
Kossut, J. *see* Mackh, G. 22369
Kossut, J. *see* Nguyen The Khoi 12433
Kossut, J. *see* Riesz, F. 12352
Kossut, J. *see* Sawicki, M. 12434
Kossut, J. *see* Szuszkiewicz, W. 12439
Kossut, J. *see* Szuszkiewicz, W. 22242
Kossut, J. *see* Takeyama, S. 22370
Kost, A. *see* Janicke, L. 43612
Kost, A. *see* Jinxing Shen 44964
Kost, A.R. *see* Miles, R.H. 3892
Kostamo, P. *see* Peura, M. 18829
Kostamovaara, J. *see* Hakkinen, J. 53076
Kostamovaara, J. *see* Makynen, A. 27583
Kostamovaara, J. *see* Rahkonen, T. 1192
Kostanic, I.N. *see* Ham, F.M. 59535
Kostaras, G.B. *see* Kanatas, A.G. 34073
Kostek, P.J. Personal positioning for young professionals 29940
Kostek, P.J. Project success: the systems engineering and project management connection 39702
Kostenko, A.A., Khlopov, G.I. Quasi-optical ferrite devices for millimeter and submillimeter wave bands 13471
Kostenko, V.A. Large-grain parallelism in signal processing problems 56502
Kostenko, V.L. Microwave measurements of the complex permittivities and permeabilities of magnetodielectrics 48853
Koster, A. *see* Orobtchouk, R. 55281
Koster, A.G. *see* Rijnders, G.J.H.M. 40446
Koster, A.S.E. *see* Vincken, K.L. 46072
Koster, J.E., Bounds, J.A., Conaway, J.G., MacArthur, D.W., Rawool-Sullivan, M., Steadman, P.A., Whitley, C.R. Real-time monitoring for alpha emitters in high-airflow environments 49336
Koster, J.N. *see* Campbell, T.A. 30698
Koster, K. *see* Patyra, M.J. 1489
Koster, N.B. *see* Voorma, H.-J. 42852
Koster, T., Stein, J., Hadam, B., Gondermann, J., Spangenburg, B., Roskos, H.G., Kurz, H., Holzmann, M., Riedinger, M., Abstreiter, G. Fabrication and characterization of SiGe based in-plane-gate transistors 43132
Koster, T. *see* Gondermann, J. 23008
Koster, T. *see* Gondermann, J. 43039
Kosterev, D.N. Modeling synchronous voltage source converters in transmission system planning studies 50496
Kostevc, D., Mlakar, J. Explicit formulas for TMR calibration with different match standards on both ports 36860
Kostial, H. *see* Brandt, O. 2101
Kostial, H. *see* Friedland, K.-J. 12386
Kostial, H. *see* Herfort, J. 32036
Kostial, S. *see* Dobert, S. 37145
Kostic, D., Domanovic, R., Bek-Uzarov, D. Effective dose estimation for the population in Kragujevac due to the Chernobyl accident 8517
Kostic, I. *see* Babin, S. 42850
Kostic, M. Induction motors designed for two supply voltages versus energy efficient motors 19742
Kostic, P. *see* Reljin, B. 41373
Kostic, P.D. *see* Bakic, P.R. 25556
Kostin, A.A. *see* Mottl, V.V. 50008
Kostin, D.V. *see* Sobenin, N.P. 49063
Kostin, D.V. *see* Sobenin, N.P. 49206
Kostin, V.I. *see* Veledinskii, A.N. 29041
Kostina, L.S. *see* Argunova, T.S. 12792
Kostina, L.S. *see* Grekhov, I.V. 2295
Kostina, L.S. *see* Grekhov, I.V. 22324
Kostina, L.S. *see* Kim, E.D. 41852
Kostinski, A.B. *see* Schulz, T.J. 50061
Kostiouk, G. Thermoplastic deformation, erosion and emission processes in cathode spots of vacuum discharge 23200
Kostis, W.J., Belina, J.C. Temporal dispersion of the QT interval and its relation to heart rate variability 59647
Kostis, W.J. *see* Wenheng Liu 4738
Kostishko, B.M. *see* Orlov, A.M. 54491
Kostishyn, V.G., Letyuk, L.M., Kirpenko, A.G., Morchenko, A.T., Shipko, M.N. Hard bubble suppression in (Ca,Ge)-substituted magnetic epigarnets by high-dose gamma-irradiation 23345
Kostishyn, V.G., Letyuk, L.M., Shipko, M.N., Fedoriv, V.D. Mossbauer conversive spectroscopy of radiation defects in gamma-irradiated magnetic garnets 23344
Kostiuk, P.F. *see* Johnson, S.C. 60006
Kostjunin, A. *see* Smirnov, G. 18190
Kostka, A. *see* Freund, D. 22778
Kostka, A. *see* Klos, A. 22804
Kostka, A. *see* Klos, A. 43055
Kostka, P. *see* Eick, W. 28034
Kostka, P. *see* Eick, W. 59238
Kostoulas, Y. *see* Hache, A. 22245
Kostov, J., Tsvetkov, P., Kalchev, I. Fast successive-approximation ADC testing procedures 11520
Kostov, K.G., Ferreira, J.L. High-power microwave emission by magnetized virtual cathode oscillator 1936
Kostreva, M. *see* Korycki, J. 40100
Kostritsa, S.A., Mishin, V.A. Tunable narrow-band moderate-power laser system pumped by copper-vapor lasers 13979
Kostrov, A.V. *see* Zaboronkova, T.M. 45422
Kostrov, L.S., Martynenko, S.I., Milovanov, Y.B., Tozumenko, V.T., Tyrnov, O.F., Tsymbal, A.M. Influence of global disturbances on the propagation of ionospheric MF and HF radio waves: technique 34093
Kostrov, V.V. *see* Bulkin, V.V. 18834
Kostrzewa, C., Moosburger, R., Fischbeck, G., Petermann, K. Modelling of cascaded Mach-Zehnder add/drop multiplexer with film mode matching method 55257
Kostrzewa, C. *see* Fischbeck, G. 44010
Kostrzewa, C. *see* Majewski, A. 44006
Kostrzewa, C. *see* Moosburger, R. 26454
Kostrzewski, A., Jannson, T., Kim, J., Savant, G., Dai Hyun Kim, Chen, J. Electronic multiprocessor with radiation hardened optical interconnects 44311
Kostrzewski, A. *see* Taiwei Lu 46110
Kostsov, E.G. Microelectronic thermal-imaging systems based on thin ferroelectric films 48681
Kostuk, R.K. *see* Jang-Hun Yeh 13752
Kostuk, R.K. *see* Kemme, S.A. 55688
Kostyla, P., Lobos, T., Waclawek, Z. Neural networks for real-time estimation of signal parameters 4778
Kostylev, V.P. *see* Gorban, A.P. 42330
Kostyuchenko, V.V. Spin-wave fluctuations in a quantum computer based on spin-polarized electrons 32473
Kostyuchenko, V.Ya., Protasov, D.Yu., Studenikin, S.A. Photoelectromagnetic effect and photoconductivity in p-CdHgTe layers 33235
Kostyuk, S.V. *see* Mankelevich, Y.A. 52790
Kosuda, S. *see* Ichihangase, H. 58039
Kosuda, T., Tanaka, H. Large-capacity variable-speed driving system for distribution pumps, delivered to Makuhari water supply point, Waterworks Bureau of Chiba Prefecture, Japan 29921
Kosuge, K., Murayama, H., Takeo, K. Bilateral feedback control of telemanipulators via computer network 35721
Kosuge, M. *see* Iijima, Y. 55108
Kosuge, M. *see* Takeuchi, T. 55104
Kosuge, Y., Kameda, H., Mano, S. Preprocessing of tracking filter for radar tracking 48054
Kosuge, Y., Kojima, M., Mano, S. Multiple target tracking using adaptive multiple manoeuvre model joint probabilistic data association 58413
Kosuge, Y., Tachibana, Y., Tsujimichi, S. Track-oriented multiple hypothesis multitarget tracking algorithm 4759
Kosuge, Y. *see* Okada, T. 24966
Kosugi, T., Ishii, H., Arita, Y. Effects of hydrogenation of hydrogen termination of p+-silicon (100) surfaces by hydrofluoric acid 42584
Kosugi, T., Sato, Y., Ishii, H., Arita, Y. New surface cleaning method for heavily-doped silicon and its application to selective CVD-W clad layer formation on single- and poly-crystalline silicon 42675
Kosugi, T. *see* Nakajima, H. 7024
Kosugi, Y., Suganaimi, Y., Uemoto, N., Kameyama, K., Sase, M., Momose, T., Nishikawa, J. CCE-based index selection for neuro assisted MR-image segmentation 59508
Kosugi, Y. *see* Ikuina, K. 41707
Kosugi, Y. *see* Matsui, K. 40085
Kosukegawa, M. *see* Shirai, T. 55062
Kosyachenko, L.A., Sklyarchuk, V.M., Sklyarchuk, E.F. Characteristic features of electron photoemission from the metal in SiC-based Schottky diodes 42917
Kosyachenko, L.A., Vereshchagin, I.K., Kokin, S.M. Electronic properties of Cu_xS-ZnS heterostructure in zinc sulphide luminophors 12368
Kosyachenko, S.V. *see* Anatychuk, L.I. 31920

Kosyak, V.A. *see* Dorogan, V.V. 13833
Kosygina, M. *see* Vorflusev, V. 44093
Kosykh, A.V., Ionov, B.P. A specific LSIC intended for synthesizer-type DTCXO 21531
Kosykh, A.V. *see* Lepetaev, A.N. 23271
Kosztaluk, R. Development of overhead distribution lines with insulated conductors 60408
Kosztaluk, R. *see* Flisowski, Z. 60410
Kot, A.C. *see* Guiqing He 16061
Kot, J.S., Nikolic, N., Bird, T.S. Integrated-circuit antenna for high-permittivity substrates 45406
Kot, N.Kh. *see* Aleksandrov, A.V. 49205
Kot, P. *see* Dusza, J. 31149
Kot-Nawrocki, E.P. *see* Dusza, J.J. 1280
Kota, C., Maughan, R.L. Microdosimetric specification of the radiation quality of a d(48.5)+Be fast neutron therapy beam produced by a superconducting cyclotron 8205
Kota, C. *see* Rosenfeld, A.B. 28465
Kota, K. *see* Sengupta, C. 25884
Kotaka, I. *see* Itaya, Y. 26909
Kotaka, I. *see* Sato, K. 3949
Kotaka, I. *see* Sato, K. 55717
Kotaka, I. *see* Wakita, K. 26832
Kotake, K. *see* Hiyoshi, M. 51154
Kotake, N. *see* Nakagiri, K. 48320
Kotakemori, H., Niki, H., Okamoto, N. Accelerated iterative method for Z-matrices 588
Kotakemori, H. *see* Usui, M. 21135
Kotaki, A., Murakami, S., Suzuki, K., Matsumoto, M. Crash tester 10027
Kotaki, A. *see* Ozawa, S. 17801
Kotaki, A. *see* Tsuruya, H. 10026
Kotaki, H., Kakimoto, S., Nakano, M., Matsuoka, T., Adachi, K., Sugimoto, K., Fukushima, T., Sato, Y. Novel bulk dynamic threshold voltage MOSFET (B-DTMOS) with advanced isolation (SITOS) and gate to shallow-well contact (SSS-C) processes for ultra low power dual gate CMOS 43026
Kotaki, T., Horiuchi, T. Automatic sprinkling system to melt snow 60072
Kotaki, Y. *see* Morito, K. 26812
Kotama, M., Watapiabe, Y., Sekimoto, H., Oomura, Y. An improved method for measuring the DLD characteristics of quartz resonators 13324
Kotanchek, M.E. *see* Dzielski, J.E. 25011
Kotani, A. *see* Aoki, M. 61382
Kotani, H. *see* Akamatsu, H. 1261
Kotani, H. *see* Aruga, R. 41251
Kotani, H. *see* Usami, K. 11253
Kotani, K., Shibata, T., Ohmi, T. DC-current-free low-power A/D converter circuitry using dynamic latch comparators with divided-capacitance voltage reference 1544
Kotani, K. *see* Yamaguchi, K. 31033
Kotani, M., Matsumoto, H. Application of recurrent neural network to identification of defect depth with impulsive sound 21416
Kotani, M. *see* Kawasumi, Y. 12627
Kotani, M. *see* Shima, T. 12696
Kotani, M. *see* Wada, S. 39390
Kotani, N. *see* Fujinaga, M. 22935
Kotani, N. *see* Tanizawa, M. 12978
Kotani, S. *see* Mori, H. 36683
Kotani, T. *see* Fujiwara, S. 30695
Kotani, T. *see* Manabe, T. 20971
Kotani, T. *see* Yamashita, A. 59364
Kotapski, R. Loss in fiber optic connectors 3386
Kotb, M.A. Design charts for Wells air turbine 60582
Kotch, M. *see* Leahy, M. 50494
Kotchenda, L. *see* Wieman, H. 59275
Kotecki, C. *see* Babu, S.R. 49872
Kotecki, C. *see* Moller, K.D. 3542
Kotecki, D.E. High-K dielectric materials for DRAM capacitors 11452
Koteles, E.S. *see* Goldberg, R.D. 12698
Koteles, E.S. *see* Noel, J.-P. 14098
Kotel'nikov, I.N. *see* Ganichev, S.D. 12532
Kotel'nikov, V.A. Signals with the minimum detrimental spectrum 4627
Kotel'nikov, V.A. Signals with minimum energy at frequencies outside of a given bandwidth 56542
Kotelyanskii, I.M. *see* Anisimkin, V.I. 36772
Kotenok, A. *see* Arefiev, A. 7571
Kotera, H., Kitahara, H., Onoyama, A., Shima, S. Behaviour of magnetic particles in compaction 43639
Kotera, H. *see* Deguchi, M. 17796
Kotera, H. *see* Jozawa, H. 35182
Kotera, H. *see* Osako, F. 46097
Kotera, H. *see* Suguri, K. 1447
Kotera, M., Tamura, K. Evaluation of the Mott polarimeter in the electron spin polarization scanning electron microscopy 31727
Kotera, N., Shimamoto, Y., Mishima, T., Miura, N. Study of cyclotron resonance in very high magnetic fields and nonparabolic energy band in InGaAs/InAlAs quantum wells 12483
Koterayama, W., Yamaguchi, S., Nakamura, M., Akamatsu, T. Field experiments on a towed vehicle "Flying Fish" for physical and chemical measurement in the upper mixed layer of the ocean 50150
Kothandaraman, C. *see* Chao, L.-L. 33559
Kothare, M.V., Mettler, B., Morari, B., Bendotti, P., Falinower, C.-M. Level control in the steam generator of a nuclear power plant 50725
Kothari, A. *see* Ramamurti, V. 21211
Kothari, D.P. *see* Arya, L.D. 50427
Kothari, N.C. Self-oscillation in a photorefractive phase conjugate mirror with linear absorption. II. Anisotropic four-wave mixing 3987
Kothari, N.C., Tataronis, T.A. Self-oscillation in a photorefractive phase conjugate mirror with linear absorption. I. Isotropic four-wave mixing 3986
Kothari, N.C. *see* Blumenthal, D.J. 26725
Kotitz, R., Schambach, J., Warzemann, L., Zakosarenko, V., Dohler, T., Weber, P., Trahms, L., Weitschies, W. Neel relaxation of dried ferrofluid measured with SQUID gradiometer in unshielded environment 49513
Kotkata, M.F., Kandil, K.M., Al-Kotb, M.S. Electrical and optical studies on amorphous $CuInSe_2$ films 22288
Kotkata, M.F., Kandil, K.M., El-Fouly, M.H., Ibrahim, M.M. Preparation and characterization of co-evaporated a-GaAs films 21343
Kotkin, G.L., Serbo, V.G. Coherent bremsstrahlung and a new possibility to monitor collisions of beams at colliders 37035
Kotkov, A. *see* Afanas'ev, L. 13935
Kotkov, A. *see* Afanas'ev, L. 14296
Kotkov, A. *see* Afanasev, L. 33362
Kotkov, A.A. *see* Afanasiev, L.A. 4056
Kotla, J.J. *see* Carr, J.W. 43678
Kotler, V.P., Gol'dberg, A.S. Using natural gas at thermal power stations in the United States: problems and prospects 29061
Kotliar, G. *see* Bogdanovich, S. 41876
Kotlyar, V.V. *see* Soifer, V.A. 5627
Kotlyar, V.V. *see* Soifer, V.A. 34979
Kotlyar, V.Yu. Study of aging properties of a binary random variable 52452
Kotlyarchuk, B.K., Lpopovych, D., Savchuk, V.K., Savytskiy, V.G. Laser assisted deposition of mercury chalcogenides thin films in chemically reactive environment 21357
Kotlyarchuk, B.K., Lpopovych, D., Savchuk, V.K., Savytskiy, V.G. Laser induced phase transformations in vanadium oxides 22271
Kotlyarov, V.V. *see* Bulanov, S.N. 18438
Koto, M. *see* Shimizu, Y. 53888
Koto, S. *see* Yoshida, T. 20245
Koto, T. A stability property of A-stable collocation-based Runge-Kutta methods for neutral delay differential equations 10519
Kotomtseva, L.A., Naumenko, A.V., Samson, A.M., Turovets, S.I. Targeting unstable orbits and steady states in class-B lasers by using simple off/on manipulations 44328
Kotono, H. *see* Koyama, M. 20269
Kotov, A.E. Self-localization of degradation process in pre-breakdown stage of thin SiO_2 films: new model and experimental procedure 2890
Kotov, I.V. *see* Bellwied, R. 59284
Kotov, I.V. *see* Pandey, S.U. 37293
Kotov, V. *see* Cherkasova, L. 26144
Kotov, V.B. *see* Nikanorova, E.A. 55169
Kotova, A.I. *see* Bellwied, R. 59284
Kotova, I.F. *see* Grigorishin, I.L. 53956
Kotova, L.G. *see* Glushkov, I.S. 33896
Kotre, C.J. Detection of sub-surface objects by electrical impedance tomography 8601
Kotre, C.J. Subsurface electrical impedance imaging: measurement strategy, image reconstruction and in vivo results 18461
Kotropoulos, C., Pitas, I. Adaptive LMS L-filters for noise suppression in images 15481
Kotropoulos, C., Pitas, I., Gabrani, M. Multichannel adaptive L-filters in color image filtering 57033
Kotrotsios, G. *see* Limberger, H.G. 23473
Kotrotsios, G. *see* Van Uffelen, M. 58780
Kotsch, T.J. Wireless LAN over microwave 47040
Kotseroglou, T., Bamber, C., Boege, S., Melissinos, A.C., Meyerhofer, D.D., Ragg, W., Bula, C., McDonald, K.T., Prebys, E.J., Bernstein, D., Burke, D., Cisneros, E., Field, R.C., Horton-Smith, G., Jobe, K., Judkins, J., Odian, A.C., Ross, M., Waltz, D., Berridge, S.C., Bugg, W.M., Shmakov, K., Weidemann, A.W. Picosecond timing of terawatt laser pulses with the SLAC 46 GeV electron beam 33602
Kotseroglou, T. *see* Alley, R. 37033
Kotseroglou, T. *see* Bamber, C. 55579
Kotseroglou, T. *see* Ross, M.C. 37150
Kotsios, S. Finite input/output representative of a class of Volterra polynomial systems 39973
Kotsis, I. *see* Mamalis, A.G. 43877
Kotsopoulos, A., Holmes, D.G. Comparison of the losses in a new quasi-resonant inverter with a hard-switched current-regulated voltage-source inverter 51349
Kotsopoulos, S. *see* Katsenos, J. 26585
Kotsopoulos, S.A. *see* Ganos, P.A. 5727
Kotsopoulos, S.A. *see* Karagiannidis, G.K. 26586
Kotsubo, V., Nast, R. Cryogenic system for a high temperature superconductor NMR probe 43850
Kotsubo, V. *see* Wong, W.H. 55135
Kotsuji, S. *see* Yoshihara, T. 32304
Kottegoda, I.R.M. *see* Tennakone, K. 44243
Kotter, D. *see* Boreman, G.D. 7407
Kotthaus, J.P., Hansen, W., Wharam, D.A. Electronic interactions between quantum dots 12447
Kotthaus, J.P. *see* Dolgopolov, V.T. 54151
Kotthaus, J.P. *see* Fujii, K. 12464
Kotthaus, J.P. *see* Govorov, A.O. 3463
Kotthaus, J.P. *see* Schlosser, T. 2197
Kotthaus, J.P. *see* Schmerek, D. 22389
Kotthaus, J.P. *see* Schuster, R. 42166
Kotthaus, S., Gunther, B.H., Hang, R., Schafer, H. Study of isotropically conductive bondings filled with aggregates of nano-sited Ag-particles 40675
Kottick, D. *see* Backmutsky, V. 28820
Kottket, M.L. *see* Bo Jiang 3002
Kottmann, D.A., Wittmann, R., Posur, M. Delegating remote operation execution in a mobile computing environment 47584
Kottmann, F. *see* Muehlbauer, M. 17970
Kottschade, K. *see* DeFoster, S. 48361
Kotylev, V.N. *see* Alekseev, V.N. 13920
Kotz, J. An improved gate capacitance model for GaAs MESFETs 43116
Kotz, U. *see* Bamberger, A. 7787
Kotze, A.P. *see* Lacquet, B.M. 29752
Kotze, A.P. *see* Lacquet, B.M. 51821
Kou, C.-T., Liou, T.-R. Characterization of metal-oxide-semiconductor field-effect transistor (MOSFET) for polypyrrole and poly(N-alkylpyrrole)s prepared by electrochemical synthesis 32418
Kou, C.F., Leib, H. Power imbalance effects on packet CDMA 16596
Kou, X.C., Sinnecker, E.H.C.P., Groessinger, R. Determination of the magnetocrystalline anisotropy of R-T compounds with the easy magnetization direction perpendicular to the c-axis 3129
Kou Chin Huang *see* Kan Yuan Lee 54636
Kou Hong-Sen *see* Hong-Sen Kou
Kou Yu Kai *see* Kai Kou Yu
Kou-Ming Wang *see* Cheng-Chuang Hon 30452
Kou-Shung Huang *see* Kuen-Jong Lee 21792
Kou-Shung Liu *see* Hsiu-Fung Cheng 54953
Kou-Tan Wu *see* Shi-Wei Lee 50654
Kouadria, D., Ryder, D.M. On-line monitoring and automatic computer analysis of insulating systems 32696
Kouadria, D., Ryder, D.M., Miller, R.R. The use of statistical analysis in the recognition and evaluation of partial discharge sources 13211
Kouame, D., Remenieras, J.P., Roux, J.F., Ouahabi, A., Lethiecq, M. Effect of the compensation in abrupt model change detection problem 45988
Kouame, D., Remenieras, J.P., Roux, J.F., Ouahabi, A., Patat, F., Lethiecq, M. Tracking and compensation for changes in ARMA model by using information matrix 56517
Koubias, S.A. *see* Kaneliopoulos, D.N. 35410
Koubias, S.A. *see* Kanellopoulos, D.N. 26352
Koubias, S.A. *see* Kanellopoulos, D.N. 46774
Koucherov, V. *see* Al'shina, A. 27937
Kouda, T. *see* Maruyama, M. 1473
Koudela, I. *see* Aubrecht, I. 24279
Koudelka, L. *see* Drasar, C. 2091
Koudelka-Hep, M., de Rooij, N.F., Rohner-Jeanrenaud, F., Bobbioni-Harsch, E., Jeanrenaud, B. Microfabrication of biosensors 27693
Koudelka-Hep, M. *see* Fiaccabrino, G.C. 27509
Koudelka-Hep, M. *see* van der Wal, P.D. 27731
Koudoumas, E. *see* Efthimiopoulos, P. 14353
Koufolavlou, O. *see* Bisdounis, L. 1315
Koufopavlou, O. *see* Bisdounis, L. 13130
Kouga, K. *see* Ishiguro, T. 47590
Kouguchi, M. *see* Uchida, K. 32220
Koui, Y. *see* Ideguchi, T. 35513
Kouibida, R.P. *see* Andreev, V.A. 37025
Kouibida, R.P. *see* Lazarev, N.V. 49036
Koukab, A., Bath, A. Procedure to minimize interface-state errors in MIS doping profile determinations 54275
Koukab, A., Bath, A., Losson, E. An improved high frequency C-V method for interface state analysis on MIS structures 54279
Koukias, M.N. *see* Ganos, P.A. 5727
Koukias, M.N. *see* Ganos, P.A. 16051
Koukitu, A., Seki, H. Unstable region of solid composition in ternary nitride alloys grown by metalorganic vapor-phase epitaxy 30737
Koukitu, A., Takahashi, N., Taki, T., Seki, H. Thermodynamic analysis of the MOVPE growth of $In_xGa_{1-x}N$ 40362
Koukitu, A., Taki, T. In situ monitoring of hydrogen adsorption on (001) Ga surface in GaAs atomic layer epitaxy 52695
Koukitu, A. *see* Takahashi, N. 41939
Koukitu, A. *see* Taki, T. 52701
Koukkari, J. *see* Koskela, M. 29814
Koukoulidis, V.N. *see* Stamatelos, G.M. 6179
Koukourlis, C.S., Plevridis, J.E., Rapatzikos, A.J., Sahalos, J.N. A digitally synthesised modulation method for the radio data system 27135
Koukourlis, C.S., Plevridis, J.E., Sahalos, J.N. A new digital implementation of the RDS in the FM stereo 17024
Koukouvinos, C. *see* Mitrouli, M. 10455
Koul, R. *see* Kaul, S.K. 48466
Koul, S.K. Millimeter wave circuit techniques and technology for radar and wireless communication 53680
Koul, S.K. Millimeter wave suspended stripline discontinuity analyzer 56102
Koul, S.K. *see* Bhan, R.K. 13854
Koul, S.K. *see* Bhan, R.K. 55427
Koul, V., Anand, S., Guha, S.K. A chemical cell to estimate quantitatively haemoglobin and glucose by reflectance photometry 18242
Koulibaly, P.M., Charbonnier, P., Blanc-Feraud, L., Laurette, I., Darcourt, J., Barlaud, M. Poisson statistic and half-quadratic regularization for emission tomography reconstruction algorithm 59521
Koulias, I. *see* Joo Leong Tham 6651

Kouloumbi, N. *see* Tsangaris, G.M. 43509
Koulouris, J. *see* Angelopoulos, J.D. 25942
Koulova-Nenova, D. *see* Atten, P. 23226
Koumetz, S., Marcon, J., Ketata, K., Ketata, M., Launay, P. Beryllium diffusion in InGaAs compounds grown by chemical beam epitaxy 41966
Koumetz, S. *see* Marcon, J. 22772
Koumoto, K., Ohta, H., Won-Seon Seo Thermoelectric characteristics of homologous compounds with layer structures in the ZnO-In_2O_3 system 30712
Koumoto, K. *see* Yukawa, T. 40506
Kounaves, S.P. *see* Reay, R.J. 23023
Kouniakis, C.T. *see* Bekakos, M.P. 22908
Kountouris, I.D. *see* Kanatas, A.G. 34073
Kountz, D.J. *see* Miller, J.R. 7983
Koura, N., Taniguchi, A., Shoji, H., Ito, S., Takayama, Y. Preparation of the superconducting oxides magnetic shielding by using the electrophoretic deposition method 3273
Koura, N., Tsuda, H., Ui, K. Studies on the components of aluminum negative electrode for the secondary batteries with room temperature molten salt electrolyte 61038
Koura, N. *see* Inoue, T. 60990
Koura, N. *see* Ito, S. 27529
Koura, N. *see* Ui, K. 61044
Kouritzin, M.A. *see* Kastella, K. 49961
Kourogi, M., Enami, T., Ohtsu, M. A coupled-cavity monolithic optical frequency comb generator 13695
Kourogi, M. *see* de Labachelerie, M. 27371
Kourogi, M. *see* Fujii, T. 33469
Kourogi, M. *see* Saitoh, T. 6723
Kourouniotis, F.P., Kubichek, R.F., Boyd, N.G.K., III., Majumdar, A.K. Application of the wavelet transform in seismic data processing for the development of new noise reduction techniques 25176
Kourtev, J., Groudeva-Zotova, S., Garnev, I., Orlinov, V. Unbalanced planar magnetron with continuous control of the operating mode from type I to type II 22174
Kousa, M., Turner, L. Reliability-throughput: optimisation for adaptive forward error correction systems 14830
Kouta, H., Kuwano, Y. β-BaB_2O_4 phase-matching-direction growth by the Czochralski method 10611
Koutchenkov, A. *see* Bolozdynya, A. 49324
Kouteofios, E.E. *see* Gupta, N.K. 26066
Koutovoi, V.D. *see* Karpov, O.V. 27809
Koutsenko, V. *see* Adam, A. 37280
Koutzarov, I.P., Edirisinghe, C.H., Ruda, H.E., Jedral, L.Z., Liu, Q., Guo-Ping, J., Xia, H., Lennard, W.N., Rodriguez-Fernandez, L. Orientation dependence of surface passivation for semi-insulating GaAs 22585
Kouvarakos, M., Hill, E.v.K. Isolating tensile failure mechanisms in fiberglass epoxy from acoustic emission signal parameters 30999
Kouvatsos, D., Fretwell, R., Sztrik, J. Bounds on the effects of correlation in a stable MMPP/MMPP/1/N queue: An asymptotic approach 5821
Kouvatsos, D., Wilkinson, J. ME solution to shared buffer queues with space and service priorities 35405
Kouvatsos, D. *see* Fretwell, R. 25907
Kouvatsos, D. *see* Jan, H.-J. 35417
Kouvatsos, D. *see* Tsoukalas, D. 54280
Kouvatsos, D. *(editor)* IFIP Workshop TC6 IFIP Working Groups 6.3 and 6.4 Fourth Workshop on Performance Modelling and Evaluation of ATM Networks. Participants Proceedings 20375
Kouvatsos, D.D., Wilkinson, J. A product form approximation for arbitrary discrete time networks of shared buffer queues 5824
Kouvatsos, D.D. *see* Ball, F. 25880
Kouvatsos, D.D. *see* Skianis, C.A. 35404
Kouvatsos, D.D. *(editor)* Performance Modelling and Evaluation of ATM Networks. Vol.1 28
Kouvatsos, D.N., Sarcona, G.T., Tsoukalas, D., Hatalis, M.K., Goustouridis, D., Stoemenos, J. Thin film transistors fabricated at low temperatures in single crystal silicon films on glass substrates 12951
Kouvatsos, D.N. *see* Tsamis, C. 2347
Kouvatsos, D.N. *see* Tsoukalas, D. 32423
Kouveliotou, C. *see* Hye-Sook Park 58842
Kouveliotou, C. *see* Katz, C.A. 58518
Kouvetakis, J., McMurran, J., Beach, D.B., Smith, D.J. Growth of GaN on (100)Si using a new C-H and N-H free single-source precursor 21256
Kouwenhoven, L.P. *see* McEuen, P.L. 54185
Kouwenhoven, L.P. *see* Oosterkamp, T.H. 2196
Kouyoumjian, R.G., Manara, G., Nepa, P., Taute, B.J.E. The diffraction of an inhomogeneous plane wave by a wedge 14586
Kouzmin, V.S., Cheremoukhin, G.S., Fedoseev, V.I. Miniature sun sensor 49870
Kouzmin, V.S., Fedoseev, V.I., Zaikin, V.I. New generation of star trackers 49869
Kouzmin, V.S., Rubovsky, A.E. IR horizon sensor based on multielement pyroelectric detector 49871
Kovac, F. *see* Chiang, K.H. 9917
Kovac, J., Dusa, O., Konc, M., Svec, T., Sovak, P. Temperature behaviour of magnetization of $Fe_{74-x}Cr_xNb_3Cu_1Si_{13}B_9$ amorphous and nanocrystalline alloys 3078
Kovac, J. *see* Kolmakov, A. 42267
Kovac, J. *see* Srnanek, R. 12339
Kovac, J. *see* Waclawek, J. 27566
Kovac, M., Zagar, M., Ranganathan, N. Design and optimization of the VLSI architecture for discrete cosine transform used in image compression 41234
Kovac, P., Melisek, T., Husek, I. Transport I_c measurement technique with non-soldered contacts for Ag-sheathed high T_c superconductors 13490
Kovac, P. *see* Pitel, J. 32936
Kovac, Z. *see* Faraji, B. 20927
Kovacevic, B. *see* Skokljev, I. 19063
Kovacevic, B. *see* Skokljev, I. 19086
Kovacevic, B.D. *see* Djurovic, Z.M. 56512
Kovacevic, B.D. *see* Markovic, M.Z. 14872
Kovacevic, D. *see* Skundric, S. 19814
Kovacevic, D.M. *see* Ivkovic-Ivandekic, M.P. 19178
Kovacevic, G. *see* Bijele, M. 6008
Kovacevic, J., Safranek, R.J., Yeh, E.M. Deinterlacing by successive approximation 25646
Kovacevic, J. *see* Bernardini, R. 56795
Kovacevic, J. *see* Riccardo, B. 24934
Kovacevic, N. *see* Vrtar, M. 37857
Kovacevic, N. *see* Vrtar, M. 37858
Kovacevic, R., Cherukuthota, C. Improved grinding process efficiency by high pressure waterjet 30196
Kovach, A., Schmid, J. Determination of energy output losses due to shading of building-integrated photovoltaic arrays using a raytracing technique 29632
Kovacic, S. *see* Klemencic, A. 7877
Kovacic, Z., Bogdan, S., Stajdohar, M. Servo application of a model reference-based adaptive fuzzy control 9614
Kovacic, Z. *see* Bogdan, S. 60900
Kovacs, B., David, L., Kincses, Z.S., Mojzes, I., Pecz, B., Van Tuyen, V., Vincze, G., Dobos, L. Structural and electrical characterisation of AlGeNi/n-GaAs contacts 32237
Kovacs, B. *see* Mojzes, I. 32054
Kovacs, B. *see* Mojzes, I. 42736
Kovacs, G.S. *see* Kranjcec, M. 33167
Kovacs, G.T.A. *see* Bohringer, K.F. 54841
Kovacs, G.T.A. *see* Kane, B.J. 17258
Kovacs, G.T.A. *see* Maluf, N.I. 23058
Kovacs, G.T.A. *see* Reay, R.J. 23023
Kovacs, J., McCall, K. Hybrid phase locked loop system for PRML disk drive read channels 1195
Kovacs, K.G. *see* Porjesz, T. 23393
Kovacs, L., Micsik, A., Schermann, G. An environment for mirroring hypermedia document 6240
Kovacs, M., Ghoshroy, S., Hasson, V., Pohle, R., Corbett, F., Dryden, G., Ruffatto, D., Czyzak, S., Wendt, R. The FLD (Field Ladar Demonstration) system, algorithms, and Phase I/Phase II test results 8676
Kovacs, M.A. *see* Ghoshroy, S. 7673
Kovacs, R.F. *see* Au, D.T.W. 1810
Kovacs, S.J. *see* Hall, A.F. 28194
Kovacs, Z.M. A system for reading low quality characters from printouts 5601
Koval, A.F. *see* Bondar'kov, M.D. 28030
Koval, D. *see* Braun, D. 20215
Koval, D.O. Transmission equipment reliability data from Canadian Electrical Association 29900
Koval, D.O., Chowdhury, A.A. Value-based distribution system reliability planning 38307
Koval, D.O., Hughes, M.B. Frequency of voltage sags at industrial and commercial sites in Canada 20258
Koval, D.O. *see* Chowdhury, A.A. 29901
Koval, J.I. *see* Petrashov, V. 42833
Koval, N.N. *see* Bugaev, S.P. 21354
Koval, T., Wohlgemuth, J., Kinsey, B. Dependence of cell performance on wafer thickness for BSF and non-BSF cells 39213
Koval, T. *see* Wohlgemuth, J.H. 39157
Koval, T.V. *see* Grigoryev, V.P. 55977
Koval, V.A., Fedasyuk, D.V. Thermal simulation of semiconductor ICs: general and practical approach 43245
Koval, Y.I. *see* Borzenko, T.B. 42499
Koval, Y.I. *see* Borzenko, T.B. 54432
Koval, Y.I. *see* Kononenko, O.V. 42747
Koval, Yu.I. *see* Kononenko, O.V. 42756
Kovalchik, P.G. *see* Dubaniewicz, T.H., Jr. 39482
Koval'chuk, E.V. *see* Gubin, M.A. 7129
Koval'chuk, O.M. *see* Dugin, N.A. 36296
Kovalenko, A.D. *see* Baldin, A.M. 37160
Kovalenko, A.D. *see* Govorov, A.N. 37159
Kovalenko, A.V. Growth of ZnSe films on GaAs(100) substrate by X-ray-enhanced, vapor-phase epitaxy 40410
Kovalenko, A.V. Electrical properties of ZnSe/GaAs(100) heterostructures grown by photostimulated vapor-phase epitaxy 42084
Kovalenko, E., Sharangovich, S. Dynamic reconstruction of holograms in photopolymer materials 24266
Kovalenko, E., Sharangovich, S., Zelenskaya, T. Dynamic model of holograms recording in photopolymer materials 24264
Kovalenko, E.S., Sharangovich, S.N. Polarized and frequency-angle sensitivity of amplified holograms under multiwave mixing in photorefractive optically active crystals 4142
Kovalenko, E.S. *see* Krakovskii, V.A. 23414
Kovalenko, M.G. *see* Guslyakov, V.T. 48222
Kovalenko, S.E. *see* Ivanov, N.G. 14250
Kovalenko, V. *see* Vylov, T. 7833
Kovalenko, V.E. *see* Altaisky, M.V. 34849
Kovalenko, V.K. *see* Ignatenko, E.I. 19466
Kovalenko, V.N. *see* Briksman, Ya.A. 20148
Kovalenko, V.O., Masalov, S.A. On a numerical method of a diffraction theory inverse problem solving 45096
Kovalev, A. *see* Baskin, L. 28494
Kovalev, A. *see* Serak, S. 14292
Kovalev, B.F. Combined stepwise shear and skew in asynchronous electric motors with a short-circuited rotor 19728
Kovalev, D. *see* Polisski, G. 42489
Kovalev, I.P. *see* Campos, R.A. 3617
Kovalev, I.P. *see* Geng, L. 36714
Kovalev, L.K., Poltavets, V.N., Semenikhin, V.S., Yegoshkina, L.A., Vil'danov, K.Ya., Ignatov, V.A., Gavalek, V. Hysteresis motor with a disc-type composite rotor of melt-textured HTSC ceramic material 60703
Kovalev, N.F. *see* Vikharev, A.L. 12125
Kovalev, V.A., Grigoriev, A.Y., Hyo-Sok Ahn Robust recognition of white blood cell images 18248
Kovalev, Y.I. *see* Anders, V.I. 11164
Kovalev, Yu.I. *see* Barinov, N.U. 29386
Kovaleva, N.S. *see* Terekhov, V.A. 54029
Kovalevskaja, T.E. *see* Bobylev, B.A. 42175
Kovalevskaya, T.E., Ovsyuk, V.N. On the potential distribution in a thin semiconductor layer 12515
Kovalevskii, A.A., Baranov, I.L., Snitovskii, Yu.P. Thin-film capacitor structures on porous silicon: the correlation between porosity and moisture sensitivity 36454
Kovalevskii, A.A., Baranov, I.L., Snitovskii, Yu.P. Effect of palladium implantation on the sensitivity of sensors made of porous silicon 36729
Kovalik, A. *see* Vylov, T. 7833
Kovaliov, L.K., Poltavets, V.N., Semenikhin, V.S., Yegoshkina, L.A., Vil'danov, K.Ya., Ignatov, V.A., Gavalek, V. Hysteresis motor with disk assembled rotor of the melt-textured HTSC ceramics 29266
Koval'skii, N.G. *see* Bugrov, A.E. 55760
Kovalyov, I.A., Kruglov, S.L. Method for limiting the losses of liquid helium in transitions of superconducting magnets to the normal state 3299
Kovalyov, M.Y. A rounding technique to construct approximation algorithms for knapsack and partition-type problems 30514
Kovalyov, S.P. *see* Belov, S.D. 16246
Kovanis, V. *see* Gavrielides, A. 44447
Kovanis, V. *see* Newel, T.C. 1114
Kovarskii, V.A. Squeezed states of long-lived terahertz vibrations in quantum dots 54202
Kovarsky, M. The DFM Environment [PCB manufacture] 1768
Kovash, M.A. *see* Noumi, H. 37073
Kovats, P. *see* Gillemot, F. 19489
Kovchavtsev, A.P. *see* Kalameitsev, A.V. 54240
Kovchavtzev, A.P. *see* Kurishev, G.L. 17502
Kov'ev, E.K. *see* Balbashov, A.M. 43747
Kovita, S., Myasnikov, A., Isakov, A., Borisenko, A., Sokolov, O. High-precision IC quartz oscillator 21537
Kovoor, P. *see* Daly, M.P.J. 59756
Kovriga, A.N. *see* Zatsepin, N.N. 52886
Kovsh, A.R. *see* Shernyakov, Yu.M. 55653
Kovsh, A.R. *see* Zhukov, A.E. 44487
Kovsh, D. *see* Said, A.A. 24227
Kovsh, D. *see* Xia, T. 4092
Kovshikov, N.G. *see* Kalinikos, B.A. 43652
Kovtonyuk, S. *see* Gao, J.R. 53614
Kovtun, V.V. *see* Ivanov, G.G. 59651
Kow Ming Chang, Shih Wei Wang, Chii Horng Li, Jung Yu Tsai, Ta Hsun Yeh Reduction of selectivity loss probability on dielectric surface during chemical vapor deposition of tungsten using fluorinated oxide and removing silanol units on dielectric surface 30889
Kow-Ming Chang, Chii-Horng Li, Fu-Jier Fahn, Jung-Yu Tsai, Ta-Hsun Yeh, Shih-Wei Wang, Ji-Yi Yang The influence of precleaning process on the gate oxide film fabricated by electron cyclotron resonance plasma oxidation 42509
Kow-Ming Chang, Chii-Horng Li, Fu-Jier Fahn, Ta-Hsun Yeh, Shih-Wei Wang Comprehensive study of plasma pretreatment process for thin gate oxide (<10 nm) fabricated by electron cyclotron resonance plasma oxidation 32179
Kow-Ming Chang, Ta-Hsun Yeh, Shih-Wei Wang, Chii-Horng Ii Characteristics of selective chemical vapor deposition of tungsten on aluminum with a vapor phase precleaning technology 40566
Kow-Ming Chang, Ta-Hsun Yeh, Shih-Wei Wang, Chii-Horng Li SiH_4-WF_6 gas-phase nucleated tungsten as an adhesion layer in blanket chemical vapor deposition for ultralarge scale integration 52765
Kow-Ming Chang, Ta-Hsun Yeh, Shih-Wei Wang, Chii-Horng Li, Jung-Yu Tsai, Ji-Yi Yang Interface characteristics of selective tungsten on silicon using a new pretreatment technology for ULSI application 54514
Kowa, H., Muraki, K., Tsukiji, M., Takayanagi, A., Umeda, N. Simultaneous measurement of linear and circular birefringence with heterodyne interferometry 59054

Kowal, Z., Winiarski, Z., Blazejewski, A. Artificial intelligence in the shaping of thermal properties of machine tools 39697
Kowalczyk, A. *see* Cambell, P.K. 26851
Kowalczyk, L. Investigations of physical and chemical processes at interlayer joints in multilayer PCBs 11857
Kowalczyk, L. *see* Mycielski, A. 10627
Kowalczyk, L. *see* Sadowski, J. 10754
Kowalczyk, M.L. *see* Rotman, S.R. 8649
Kowalczyk, M.L. *see* Rotman, S.R. 19011
Kowalczyk, S. *see* Pelella, A.R. 1413
Kowalenko, V. Revisiting the performance of a plasma armature railgun 24383
Kowalewicz, R. *see* Stetter, M. 59163
Kowalski, B.J. *see* Guziewocz, E. 12528
Kowalski, B.J. *see* Orlowski, B.A. 2249
Kowalski, C.T. *see* Orlowska-Kowalska, T. 61145
Kowalski, G.J. Numerical simulation of the nonlinear optical response of bacteriorhodopsin 24222
Kowalski, J. *see* Slot, K. 31432
Kowalski, L. *see* Martinez, E. 49350
Kowalski, L. *see* Noll, E.D. 9929
Kowalski, M.P. *see* Seely, J.F. 24297
Kowalski, S. *see* Zwart, T. 36368
Kowalski, T.Z. *see* Bednarek, B. 28018
Kowalsky, W. *see* Ammermann, D. 17605
Kowanz, B. *see* Ruprecht, R. 30988
Kowarschik, R. *see* Kirschner, V. 7419
Kowarschik, R. *see* Maack, T. 36398
Kowarschik, R. *see* Rehn, H. 3571
Kowarschik, R. *see* Rehn, H. 4071
Kowarschik, R. *see* Rehn, H. 46041
Kowarschik, R. *see* Rehn, H. 55925
Kowarschik, R. *see* Schreiber, W. 17768
Kowarschik, R. *see* Shamonina, E. 33611
Kowel, S.T. *see* Nordin, G.P. 27788
Kowen Lai, Papachristou, C.A. BIST testability enhancement of system-level circuits: experience with an industrial design 58632
Kowitt, M.S. *see* Fixsen, D.J. 17008
Kowk, K. *see* Liu, L. 54510
Koya, H. *see* Abe, H. 41838
Koyabu, K., Yamamoto, T., Ohira, F. Fabrication of two-dimensional fiber array 13570
Koyabu, K. *see* Sugie, M. 18340
Koyabu, K. *see* Yamaguchi, M. 6424
Koyakumaru, Y., Miyanaga, H. Investigation of characteristics of self-excited induction generator at constant voltage and constant frequency under speed change 19739
Koyama, F. *see* Bissessur, H. 33556
Koyama, F. *see* Hatori, N. 23934
Koyama, F. *see* Hatori, N. 33471
Koyama, F. *see* Honda, T. 44295
Koyama, F. *see* Loh, T.H. 41938
Koyama, F. *see* Mukaihara, T. 14169
Koyama, F. *see* Ohnoki, N. 32199
Koyama, F. *see* Takahashi, N. 30742
Koyama, H. *see* Araki, M. 3636
Koyama, H. *see* Fujii, M. 8170
Koyama, H. *see* Inaba, S. 2653
Koyama, H. *see* Mazumder, M.K. 54278
Koyama, H. *see* Mitani, Y. 2318
Koyama, H. *see* Mizuno, H. 12745
Koyama, H. *see* Mizuno, K. 60950
Koyama, H. *see* Nakagawa, T. 2366
Koyama, H. *see* Oguro, T. 32052
Koyama, H. *see* Takagi, M.T. 43276
Koyama, H. *see* Uchida, T. 28069
Koyama, H. *see* Uchida, T. 28394
Koyama, H. *see* Watanabe, H. 54649
Koyama, I. *see* Katayama, H. 27180
Koyama, I. *see* Tsuruoka, Y. 24794
Koyama, K., Nakayama, Y., Ohi, T., Horinouchi, K., Sasao, H. Two-dimensional observation of copper vapor in vacuum arcs by laser-induced fluorescence 29463
Koyama, K. *see* Drynan, J.M. 22614
Koyama, K. *see* Drynan, J.M. 41150
Koyama, K. *see* Fujimori, I. 41269
Koyama, K. *see* Furuya, A. 12807
Koyama, K. *see* Hara, S. 22651
Koyama, K. *see* Kimura, S. 53907
Koyama, K. *see* Kodama, N. 12568
Koyama, K. *see* Koga, H. 41166
Koyama, K. *see* Kuwakado, H. 24793
Koyama, K. *see* Miyama, S. 32255
Koyama, K. *see* Saeki, T. 1385
Koyama, K. *see* Takimoto, J. 978
Koyama, M., Akita, Y., Cheong, C., Koh, M., Matsukawa, T., Horita, K., Shigeta, B., Ohdomari, I. Quantitative analysis of degradation in Schottky diode characteristics induced by single ion implantation 2579
Koyama, M., Sano, Y., Kotono, H., Serikawa, I., Maki, Y. Motor-drive systems for steel mills 20269
Koyama, M. *see* Arita, T. 21012
Koyama, M. *see* Kaneyuki, K. 9677
Koyama, M. *see* Okayama, H. 29415
Koyama, M. *see* Sakata, A. 54527
Koyama, M. *see* Uchida, T. 13363
Koyama, S. *see* Bagnall, D.M. 55710
Koyama, T., Sasaki, M., Wakabayashi, S. Advanced CSP and substrate technologies 52216
Koyama, T. *see* Hayakawa, Y. 30782
Koyama, T. *see* Ishii, H. 30686
Koyama, T. *see* Tsunetomo, K. 885
Koyama, T. *see* Tsunetomo, K. 55951
Koyamada, Y. *see* Izumita, H. 13588
Koyamada, Y. *see* Izumita, H. 33014
Koyamada, Y. *see* Kurashima, T. 33036
Koyamada, Y. *see* Shimizu, K. 13747
Koyamada, Y. *see* Tsuji, K. 48963
Koyanagi, F., Uriu, Y. An estimation of load leveling by diffusing electric vehicles in general market 20184
Koyanagi, F., Uriu, Y. Modeling of electric vehicle's demand and its impact on the daily load 39318
Koyanagi, F. *see* Awataguchi, H. 19685
Koyanagi, K., Saito, T., Watanabe, N., Kanada, T. Technology initiatives for the near future 47109
Koyanagi, K. *see* Hara, T. 38290
Koyanagi, K. *see* Sunaga, H. 6406
Koyanagi, K. *see* Watanabe, K. 3301
Koyanagi, M. *see* Kee-Ho Yu 25502
Koyanagi, M. *see* Pidin, S. 54668
Koyanagi, S. *see* Hashizume, T. 54287
Koyanagi, T., Tsubouchi, T., Ohtani, M., Kishimoto, K., Anno, H., Matsubara, K. Thermoelectric properties of $Co(M_xSb_{1-x})_3$ (M=Ge, Sn, Pb) compounds 31914
Koyanagi, T. *see* Anno, H. 31927
Koyanagi, T. *see* Matsubara, K. 31912
Koyanagi, Y. *see* Tohma, Y. 11379
Koyano, Y. *see* Onishi, M. 16692
Koyasu, Y. *see* Karuo, S. 58652
Koymen, H. *see* Acar, B. 37786
Koynov, K. *see* Saltiel, S. 4046
Koynov, K. *see* Saltiel, S. 14383
Koza, J.R., Andre, D., Bennett, F.H., III., Keane, M.A. Use of automatically defined functions and architecture-altering operations in automated circuit synthesis with genetic programming 53394
Koza, J.R., Bennett, F.H., III., Andre, D., Keane, M.A. Automated WYWIWYG design of both the topology and component values of electrical circuits using genetic programming 52957
Koza, J.R., Bennett, F.H., III, Lohn, J., Dunlap, F., Keane, M.A., Andre, D. Automated synthesis of computational circuits using genetic programming 52978
Koza, M.A. *see* Amersfoort, M.R. 44511
Koza, M.A. *see* Soole, J.B.D. 26929
Koza, M.A. *see* Soole, J.B.D. 48000
Koza, M.A. *see* Yoo, S.J.B. 4032
Koza, M.A. *see* Youtsey, C. 23642
Koza, M.A. *see* Zah, C.E. 55630
Kozachenko, N.F. *see* Ivobotenko, B.A. 9596
Kozachenko, V.F. *see* Fel'dman, Yu.I. 20145
Kozachkov, S.G. *see* Maletin, Y.A. 9470
Kozachok, A.G. *see* Guzhov, V.I. 7646
Kozaitis, S. *see* Andrade, R.A. 5463
Kozak, A. *see* Celuch-Marcysiak, M. 34158
Kozakai, I. *see* Shinohara, J. 38291
Kozakai, T. *see* Murayama, Y. 27216
Kozakai, T. *see* Yoshida, H. 21760
Kozakai, T. *see* Yoshida, H. 27344
Kozaki, S. *see* Ohki, M. 14566
Kozaki, S. *see* Ohki, M. 55992
Kozaki, S. *see* Ohki, M. 56016
Kozaki, S. *see* Sakurai, H. 56010
Kozaki, S. *see* Takada, N. 30684
Kozakiewicz, K. *see* Czyz, Z. 49637
Kozakova, M. *see* Paterni, M. 49441
Kozamernik, F. A European overview and the EBU's role in DAB development 7047
Kozanecki, A., Kaczanowski, J., Sealy, B.J., Gillin, W.P. Analysis of strain in ultra-thin $GaAs/In_{0.2}Ga_{0.8}As/GaAs$ single quantum well structures by channeling technique 12420
Kozanecki, A., Kaczanowski, J., Wilson, R., Sealy, B.J. Lattice location of erbium atoms implanted into silicon 12168
Kozankiewicz, B. *see* Teisseyre, H. 22237
Kozarenko, E. *see* Annis, P. 59237
Kozarenko, E.N. *see* Berkovski, A.G. 12123
Kozaru, K., Kinoshita, A., Wada, T., Arita, Y., Yamada, M. a 5.8 ns 256 kb SRAM with 0.4 μm Super-CMOS process technology 53297
Kozawa, A., Fujita, K., Sato, A., Brodd, D. Recent new additives for electric vehicle lead-acid batteries for extending the cycle life and capacity 61030
Kozawa, T. *see* Mori, T. 12524
Kozawa, T. *see* Nagahara, S. 32313
Kozawa, T. *see* Uesaka, M. 18020
Kozek, T., Crounse, K.R., Roska, T., Chua, L.O. Multi-scale image analysis on the CNN Universal Machine 35086
Kozek, W. On the transfer function calculus for underspread LTV channels 25807
Kozek, W., Feichtinger, H.G., Prinz, P., Strohmer, T. On multidimensional nonseparable Gabor expansions 25059
Kozek, W., Feichtinger, H.G., Scharinger, J. Matched multiwindow methods for the estimation and filtering of nonstationary processes 4727
Kozek, W. *see* Feichtinger, H.G. 56768
Kozel, K. Maximizing minimal multimedia: knowing Jack about consumer title development 6340
Kozen, A. *see* Akatsu, Y. 16729
Kozen, A. *see* Fukano, H. 13841
Kozen, A. *see* Fukano, H. 55433
Kozen, A. *see* Kato, K. 3434
Kozen, A. *see* Muramoto, Y. 23683
Kozhevnikov, D.A., Kalmykov, G.A. Metrological characteristics of a natural spectral gamma-ray logging system 60018
Kozhin, A. *see* Antipov, Yu. 37230
Kozhuharov, C. *see* Stohlker, Th. 7727
Kozhukhar, I.A. *see* Bologa, M.K. 23108
Kozich, V.P. *see* Vodchitz, A.I. 33619
Kozick, R.J. *see* Aburdene, M.F. 668
Kozick, R.J. *see* Crane, C.C. 9923
Kozicki, M.N., Allgair, J., Jenkins-Gray, A., Ferry, D.K., Whidden, T.K. The use of electron beam exposure and chemically enhanced vapor etching of SiO_2 for nanoscale fabrication 12842
Kozicki, M.N. *see* Allgair, J. 54386
Kozicki, M.N. *see* Ferry, D.K. 2557
Kozicki, M.N. *see* Whidden, T.K. 42843
Kozicki, M.N. *see* Whidden, T.K. 54388
Koziel, R. *see* Grunewald, P. 60466
Kozik, J., Lassig, M. No detours [Internet traffic on a separate network] 47116
Kozik, J. *see* Mishra, A. 6403
Kozik, V.I. *see* Borzov, S.M. 25523
Kozin, I.O. Analogical reasoning for reliability analysis based on generic data 10216
Kozin, M.B., Volkov, V.V., Svergun, D.I. A compact algorithm for evaluating linear prolate functions 45952
Kozintsev, I., Ramchandran, K. Multiresolution joint source-channel coding using embedded constellations for power-constrained time-varying channels 24659
Kozlitin, A.I., Nikitin, A.V., Repin, O.I. Accuracy of measuring linear dimensions by a scanning electron microscope 17789
Kozlov, A.A. *see* Badziak, J. 23837
Kozlov, A.I. *see* Logvin, A.I. 27016
Kozlov, A.K. *see* Grekhov, I.V. 13945
Kozlov, A.K. *see* Grekhov, I.V. 13946
Kozlov, A.N. *see* Anpilogov, V.R. 49878
Kozlov, A.N. *see* Boiko, B.R. 48191
Kozlov, A.N. *see* Selivanov, A.S. 49875
Kozlov, A.P. *see* Es'kov, V.M. 49395
Kozlov, B.A., Nelyubin, M.E. Switching characteristics of pulse hydrogen thyratons with a preliminary discharge 24053
Kozlov, G.V. *see* Maev, R.G. 36852
Kozlov, S.A., Logachev, V.A. Optimization of passive hydrogen standard frequency instability 27275
Kozlov, S.D. *see* Makarov, A.S. 13839
Kozlov, S.D. *see* Makarov, A.S. 13840
Kozlov, S.I. *see* Sermyagin, A.V. 43790
Kozlov, V., Kelkar, P., Vertikov, A., Nurmikko, A.V., Chu, C.-C., Han, J., Hua, C.G., Gunshor, R.L. Gain spectroscopy of excitonic molecules and its dynamics in a ZnSe single quantum well 24157
Kozlov, V. *see* Jeon, E.S. 12503
Kozlov, V.A., Kozyrev, A.B. Inversion of electron populations in stepped heterostructures 12365
Kozlov, V.N. *see* Baru, S.E. 37227
Kozlov, V.N. *see* Dalinenko, I.N. 27145
Kozlovskii, V.I., Korostelin, Yu.V., Krysa, A.B., Skasyrskii, Ya.K., Shapkin, P.V. Acceptor passivation with hydrogen in ZnSe single crystals 12719
Kozlovskii, V.I., Krysa, A.B., Kuznetsov, P.I., Nasibov, A.S., Pechenov, A.N., Popov, Yu.M., Tikhonov, V.G., Yakusheva, G.G. ZnSe epitaxial layers and ZnCdSe/ZnSe heterostructures grown from organoelemental compounds for lasers pumped with an electron beam 44479
Kozlovsky, V.I. *see* Gurskii, A.L. 22364
Kozlowska, A., Gorecki, C. The influence of the spectral properties of a wavelength modulated laser diode on the resulting interferogram 35321
Kozlowska, A., Kujawinska, M., Gorecki, C. Remote control in-plane displacement measurement system 7391
Kozlowski, C. *see* Mirchandani, C. 6043
Kozlowski, D. *see* Perennes, F. 33159
Kozlowski, D.A., Young, J.S., England, J.M.C., Plumb, R.G.S. Longitudinal-mode control in Fabry-Perot lasers by focused ion beam etching 23988
Kozlowski, F., Lindmair, N., Scheiter, T., Hierold, C., Lang, W. A novel method to avoid sticking of surface-micromachined structures 13171
Kozlowski, J. *see* Dziedzic, A. 36465
Kozlowski, K., Dutkiewicz, P. Adaptive control of a one link geared robot 9467
Kozlowski, K., Dutkiewicz, P. Robot trajectory planning with force and torque sensor measurements 48954
Kozlowski, L.J. Low noise capacitive transimpedance amplifier performance vs. alternative IR detector interface schemes in submicron CMOS 17462
Kozlowski, L.J., Kleinhans, W.E. Low noise $HgCdTe-Al_2O_3$ 1024×1024 focal plane arrays 48675
Kozlowski, L.J., Tennant, W.E., Zandian, M., Arias, J.M., Pasko, J.G. SWIR staring FPA performance at room temperature 17493
Kozlowski, L.J., Vural, K., Kleinhans, W.E., Liu, T., Olson, G.H., Cohen, M. Attainment of high D* at room temperature via gate-modulated detector interface 17503
Kozlowski, L.J. *see* Bajaj, J. 708
Kozlowski, L.J. *see* Benson, J.D. 21287

Kozlowski, M. *see* Sheehan, L. 3956
Kozlowski, R. *see* Ajram, S. 53027
Kozlowski, W.E., Nordman, M. LonWorks in protection and control of power distribution 60251
Kozma, L. *see* Kukhlevsky, S.V. 13664
Kozma, L. *see* Kukhlevsky, S.V. 23549
Kozma, R., Yokoyama, Y., Kitamura, M. Intelligent monitoring of NPP anomalies by an adaptive neuro-fuzzy signal processing system 38466
Kozmann, G. Modern approaches in quantitative electrocardiology: a review from the aspect of computer applications 18436
Kozmann, G. *see* Cserjes, Z. 18437
Kozodaev, A.M. *see* Andreev, V.A. 37025
Kozodaev, A.M. *see* Kolomiets, A.A. 49028
Kozodaev, A.M. *see* Shvedov, O.V. 7762
Kozono, S. *see* Matsumoto, Y. 45442
Kozono, S. *see* Seino, S. 58170
Kozono, S. *see* Tanaka, M. 34374
Kozu, T., Manabe, T., Okamoto, K., Kawanishi, T. Development of onboard surface echo detection algorithm 28635
Kozu, T. *see* Iguchi, T. 28639
Kozu, T. *see* Kumagai, H. 28634
Kozu, T. *see* Kumagai, H. 28637
Kozu, T. *see* Okamoto, K. 28636
Kozu, T. *see* Satake, M. 28633
Kozuch, M., Wolf, W., Wolfe, A. New challenges for video servers: performance of non-linear applications under user choice 5188
Kozuka, H. *see* Waters, R.C. 57941
Kozuka, H. *see* Yoko, T. 2293
Kozuka, S. *see* Takenaka, M. 32232
Kozuka, T., Hayashi, S., Sotooka, K., Takeuchi, T. Radar signal processing improving performance of ARPA 48095
Kozuka, T., Nobechi, T. The development of radiology in Japan 7919
Kozuka, T., Tuziuti, T., Mitome, H., Fukuda, T. Acoustic micromanipulation using a multi-electrode transducer 23080
Kozuma, M. *see* Fujii, T. 33469
Kozyrakis, C. *see* Patterson, D. 53275
Kozyrev, A.B. *see* Kozlov, V.A. 12365
Kozyrev, A.V. *see* Bolotov, A.V. 22124
Kozyrev, S.K., Ladygin, A.N. Research on rolling-mill electric drives and automation by the Department of Automatic Electric Drives 9743
Kozyrev, S.P., Nevrovsky, V.A., Sukhikh, L.L., Vasin, V.A., Yashnov, Yu.M. On microwave discharge machining of ceramics 29913
Kozyrkov, V.V. *see* Scriven, G.J. 52671
Kpalma, K. *see* Li, W. 60016
Kponon, A. *see* Alessi, J.G. 49196
Kponou, A., Alessi, J.G., Raparia, D., Tsoupas, N., Mapes, M. A new optical design for the BNL isotope production transport line 49195
Kponou, A. *see* Raparia, D. 49197
Kraak, V., Nachtwei, G., Minina, N.Ya., Savin, A.M. Quantum properties of two-dimensional electron gas in the inversion layer of InSb and $(Hg_{1-x}Cd_xTe)$ bicrystals 12270
Kraak, W. *see* Hansen, O.P. 22306
Kraan, W.H. *see* Por, P.T. 13454
Kraats, A.H.van de *see* van de Kraats, A.H.
Kraats, B.van de *see* van de Kraats, B.
Kraayeveld, J.R. *see* Verbruggen, A.H. 42763
Krabbe, A. *see* Streller, U. 2365
Krabbe, A. *see* Streller, U. 2394
Krabbe, R.J., Narayanan, M. Quality control in the American automotive industry 39455
Krabbes, G. *see* Stoye, P. 32891
Krabs, R. *see* Gaedicke, P. 28896
Kraemer, H.P. AC loss calculations for HTSC current lead modules 32953
Kraemer, R. *see* Du, Y. 47130
Kraemer, R.W. *see* Brock, I.C. 37039
Kraemer, W. EMC measurements up to 40 GHz with Microwave Signal Generator SMP 7489
Kraetzig, E. *see* Neumann, J. 24302
Kraetzig, E. *see* van Stevendaal, U. 3579
Krafft, B. *see* Cogitore, B. 41554
Krafft, C. *see* Lundin, B. 45139
Krafft, G.A. Correcting M_{55} and T_{566} to obtain very short bunches at CEBAF 17988
Krafft, G.A. *see* Kehne, D. 18015
Krafft, G.A. *see* Wang, D.X. 18021
Krafft, J.M. *see* Abdelghani, A. 27606
Krafka, P., Bunte, A., Grotstollen, H. Comparison of induction machine control with orientation on rotor flux or on stator flux in a very wide field weakening region 60740
Krafka, P. *see* Maas, J. 51714
Kraft, A., Rottmann, M., Heckner, K.-H. Photoelectrochemical properties of n-GaAs/ITO electrodes produced by DC sputtering 41914
Kraft, C. Semiconductor business, process, product and fab influence on throughput, cycle time and chip cost 30172
Kraft, C., Banner, B. Selection of the variable Edmax in calibration of log periodic antennas 45435
Kraft, G.A. *see* Wang, D.X. 49256
Kraft, M. *see* Lewis, C.P. 40828
Kraft, M. *see* Lewis, C.P. 48468
Kraft, O., Mockl, U.E., Arzt, E. Numerical simulation of surface diffusion controlled motion and shape change of electromigration voids 42769
Kraft, O. *see* Arzt, E. 32238
Kraft, P. *see* Bindra, P. 52147
Kraft, R. *see* Hattangady, S.V. 42554
Kraft, R.P. *see* Embrechts, M.J. 11914
Kraft, R.P. *see* Fidan, I. 22049
Kraft, R.P. *see* Kalukin, A.R. 20976
Kraft, R.P. *see* Sankaran, V. 10187
Kraft, R.P. *see* Sankaran, V. 53808
Kraft, S. *see* Akhil, A. 60188
Kraft, T. *see* Wendler, L. 2182
Kraft-Kugler, F., Tollkuehn, P.F. Integrating operator assistance into the IN architecture 47287
Krag, M. *see* Huston, D.R. 18493
Krag, M. *see* Huston, D.R. 18533
Krage, D.A. Application of machine vision in the assembly of discrete electronics 39750
Kragler, K. *see* Gunther, E. 42814
Krahe, R.P. A simulation model to predict battery life based on projected load profile 60986
Krahe, R.P., Fadul, F.K. Industrial electronic glazi-ometer using linear array detector 7192
Krahenbuhl, L., Fabregue, O., Wanser, S., De Sousa Dias, M., Nicolas, A. Surface impedances, BIEM and FEM coupled with 1D non-linear solutions to solve 3D high frequency eddy current problems 44938
Krahenbuhl, L. *see* Dhahbi-Megriche, N. 41736
Krahenbuhl, L. *see* Sareni, B. 32609
Krahenbuhl, L. *see* Sareni, B. 43430
Krahenbuhl, L. *see* Vasconcelos, J.A. 51388
Krahn, J. *see* Rehder, R.H. 60672
Krahn, J.R. Partial discharge diagnosis and prognosis for an ozone-producing, large AC motor 60688
Kraiczek, K., Vuilleumier, R. Micromechanical slit system in HPLC diode-array detection 48519
Kraidenov, V.F. *see* Itskevich, E.S. 54123
Krain, A.L. *see* Rajapakse, J.C. 59408
Krainak, M.A. *see* Heim, P.J.S. 6791
Krainska-Miszczak, M. *see* Stacewicz, T. 58627
Krainsky, I.L., Asnin, V.M., Dayton, J.A., Jr. Secondary electron emission from chemical vapor deposited diamond films with negative electron affinity 41761
Krajcar, S. *see* Skrlec, D. 8880
Krajcer, S., Skrlec, D., Blagajac, S. Distribution network planning using geographic information system 60324
Krajewski, J.J. *see* Cava, R.J. 43422
Krajewski, W. 3-D electric field analysis in the vicinity of HV transmission lines 38393
Krajewski, W. BEM analysis of electric field excited by overhead HV lines erected in built-up areas 60406
Krajewski, W.F., Anagnostou, E.N., Ciach, G.J. Effects of the radar observation process on inferred rainfall statistics 38074
Krajnovich, D.J. *see* Xiang Zhang 20872
Krakovskii, V.A., Kovalenko, E.S. Influence of a constant magnetic field on the dispersion of surface magnetostatic waves in a structure consisting of ferrite and granular high-temperature superconductor 23414
Krakovskii, V.Ya. Generalized representation and implementation of speed-improvement algorithms for instantaneous spectrum digital analyzers 58660
Krakow, B. *see* Vaidya, M. 51115
Kral, P. *see* Levicky, D. 35335
Kralemann, M., Kersten, G., Verweyen, N. Analysis of selected studies of technological and economic potential of combined heat and power 38590
Kralj, A. *see* Bajd, T. 49757
Kralj, D., Carin, L. Time-domain characteristics of slotted-waveguide leaky-wave antennas 56163
Kralj, D.R. *see* Carin, L. 45109
Kralkina, E.A. *see* Koh, S.K. 7775
Krall, J. *see* Esarey, E. 17912
Kralm, H. *see* Kurz, G. 20536
Kralova, Z. *see* Harsanyi, L. 39445
Kramarenko, A.V., Kulemin, G.P., Savchuk, A.M. Haemodynamic component of the electrocardiogram 37774
Kramer, A., Canegallo, R., Chinosi, M., Doise, D., Gozzini, G., Rolandi, P.L., Sabatini, M., Zabberoni, P. Ultra-low-power analog associative memory core using flash-EEPROM-based programmable capacitors 21831
Kramer, A., Denker, J.S., Flower, B., Moroney, J. 2nd order adiabatic computation with 2N-2P and 2N-2N2P logic circuits 21612
Kramer, B. *see* Kasparian, J. 55890
Kramer, B. *see* Koch, T. 5973
Kramer, B. *see* Weinmann, D. 22394
Kramer, C. *see* Arent, D.J. 2045
Kramer, C.M. *see* Friedman, D.J. 38982
Kramer, G. Characterization of passive frequency standards 7144
Kramer, G. *see* Tyurikov, D. 24050
Kramer, G. *see* Tyurikov, D.A. 27819
Kramer, J., Koch, C. Pulse-based analog VLSI velocity sensors 31413
Kramer, J., Sarpeshkar, R., Koch, C. Analog VLSI motion discontinuity detectors for image segmentation 5153
Kramer, J. *see* Indiveri, G. 58671
Kramer, J. *see* Zhang, X. 27879
Kramer, J.J. *see* Butler, J.C. 3490
Kramer, L. *see* Gonzalez-Cinca, R. 30733
Kramer, M. *see* Beulen, K. 34669
Kramer, M. *see* Merritt, P. 38174
Kramer, M.L., Jones, D.L. A pitch dependent time-frequency response for periodic signals 24943
Kramer, R., Loffeld, O. Phase unwrapping for SAR interferometry with Kalman filters 16871
Kramer, R., Loffeld, O. A novel procedure for cut-line detection 16874
Kramer, S. A Bayesian perspective on why the EKF fails in passive tracking 8640
Kramer, S.C. *see* Cherry, M.C. 8698
Kramer, S.E. Photoimageable solder resists–optimising the processing 11936
Kramm, F., Kretzschmar, H. Accelerated life tests and development of telecom batteries in gel-technology 51471
Krammer, M. Semiconductor tracking detectors in e^+e^- vertex detectors 37217
Krammer, M. Position resolution and charge collection efficiency 59253
Krammer, M. *see* Adam, W. 37221
Krammer, M. *see* Bauer, C. 37326
Krammer, M. *see* Bauer, C. 37378
Kramp, S., Febri, M., L'Heritier, P., Ezekwenna, P., Joubert, J.C. Synthesis of magnetic intermetallics and their interstitial hydrides 923
Krampe, R.T. *see* Kurths, J. 25040
Kranakis, E. *see* Gasieniec, L. 16484
Kranbuehl, D., Aandahl, H., Haralampus, N., Newby, W., Hood, D., Boiteux, G., Seytre, G., Pascault, P., Maazouz, A., Gerard, J.F., Sautereau, H., Chailan, J.F., Loos, A.C., MacRae, J.D. Use of in-situ dielectric sensing for intelligent processing and health monitoring 11003
Kranenberg, C.F. *see* Ramer, J.C. 21275
Kranenburg, H.Van *see* Van Kranenburg, H.
Kranenburg, R. *see* Numeroli, R. 51706
Kranenburg, R.A., Klaassen, H., Torri, G., Gatti, E. High performance induction machine drive for a flying shear 61144
Kraner, H.W. *see* Bellwied, R. 59284
Kraner, H.W. *see* Pandey, S.U. 37293
Kranich, L. Cooperative games with hedonic coalitions 40002
Kranjcec, M., Dunja Desnica, I., Studenyak, I.P., Celustka, B., Borec, A.N., Yurkin, I.M., Kovacs, G.S. Acousto-optic modulator with a $(Ga_{0.4}In_{0.6})_2Se_3$ monocrystal as the active element 33167
Krannig, F. *see* Baouchi, W. 10858
Kransteuber, A.S. *see* Taylor, T.S. 5458
Kranz, H.-W. *see* Link, U. 61140
Kranz, H.R. Building automation is changing 51640
Kranzeibinder, G. *see* Leising, G. 23691
Kranzelbinder, G. *see* Tasch, S. 42043
Krapf, E. Carriers ante up with low-speed ATM 5756
Krapf, E. Can network-based services unite distributed call centers? 5986
Krapf, E. 56-k modem promise precedes performance 26406
Krapf, E. Why the 'net won't cause PSTN meltdown 35727
Krapf, E. Serving up Gigabit Ethernet 57798
Krapf, E. Drawing to an equipment and services full house 58023
Krapf, E. Finding the right DSL for business 58028
Krapf, P., Gendry, M., Robach, Y., Hollinger, G., Porte, L. STM study of the 2D/3D growth mode transition for compressive strained $In_{0.82}Ga_{0.18}As$ layers on InP 10720
Krapivka, A.E. *see* Karuzakii, A.L. 31493
Krapivnoy, A. *see* Chumachenko, V. 45309
Kraposhina, T.P. *see* Chvykov, V.V. 8106
Krasa, J. *see* Wolowski, J. 37205
Krasheninnikov, A.V. *see* Elesin, V.F. 55595
Krasheninnikov, V.R., Ageev, S.A., Tashlinskii, A.G., Menzorov, A.V., Vinokurov, V.A. Pseudogradient algorithms of the detection of signals in a sequence of images 34977
Krasheninnikov, V.R., Tashlinskii, A.G. Adaptive estimation of image quantiles 34976
Krasichkov, L.V. *see* Andrushkevich, A.V. 31140
Krasikov, I., Litsyn, S. Estimates for the range of binomiality in codes' spectra 56323
Krasilenko, V.G., Kolesnitsky, O.K. Optoelectronic hybrid smart pixels for optical neural networks 55343
Krasil'nik, Z.F. *see* Gavrilenko, V.I. 54201
Krasilnikov, A.V., Azizov, E.A., Roquemore, A.L., Khrunov, V.S., Young, K.M. TFTR natural diamond detectors based D-T neutron spectrometry system 37524
Krasilnikov, A.V., Kaneko, A.J., Isobe, B.M., Maekawa, F., Nishitani, T. Fusion Neutronic Source deuterium-tritium neutron spectrum measurements using natural diamond detectors 49352
Krasilnikov, A.V. *see* Pillon, M. 7790
Krasil'nikov, N.N., Shelepin, Yu.E. A functional model of vision 56603
Krasinski, J.S. *see* Band, Y.B. 3974
Krasinski, J.S. *see* Radzewicz, C. 44676
Krasivskii, I.N. *see* Arytyunov, P.A. 11574
Krasko, Z. *see* Nortrup, E. 39404
Krasniewski, A. Design of dependable hardware: what BIST is most efficient? 27404
Krasniewski, A. Coverage of delay faults: single number can be very misleading 41009
Krasnikov, V.V. *see* Veenstra, S.C. 23682
Krasniqi, X., Onyiagha, G., Danieluk, W., Clarkson, T.G. Head of line control and the impact of pRAM on ATM switch design 35859

Krasnoperova, A. *see* Hector, S. 32290
Krasnopolin, I.Ya., Kohlmann, J., Muller, F., Niemeyer, J. Dependence of Josephson junctions arrays characteristics on temperature and frequency of microwave radiation 23410
Krasnopolsky, V.M., Breaker, L.C., Gemmill, W.H. Surface winds from the SSM/I using neural networks 8449
Krasnosvobodtsev, S.I. *see* Gudoshnikov, S.A. 27464
Krasnov, A. *see* Aulchenko, V.M. 37243
Krasnov, A.E., Lebedev, P.N. The synthesis of the optimal detectors of the coherent electromagnetic field states 7338
Krasnov, V.V. *see* Kudryashov, V.A. 42834
Krasnov, V.V. *see* Kudryashov, V.A. 42876
Krasnovskii, B.A. *see* Kipnis, A.M. 27415
Krasnykh, A. *see* Antropov, V. 49276
Krasnykh, A.K. *see* Abalin, S.S. 9042
Krasnykh, A.K. *see* Ivanov, A.P. 49117
Krasopoulos, A.V., Jing Li, Josowicz, M., Janata, J. Rapid substitution of gold for aluminum metallization on integrated circuits 54493
Krasov, S.V. *see* Borodin, V.G. 24064
Krasowski, M.J. *see* Tuma, M.L. 36926
Krassin, E. *see* Cartier, L.D. 41062
Krassin, E. *see* Knapp, S.K. 1223
Krassowska, W. Macroscopic model of electroporating membrane 59729
Krastev, V. *see* Marinova, Ts. 2221
Kraszewski, A.W., Nelson, S.O. Resonant cavity perturbation–some new applications of an old measuring technique 36861
Kraszewski, A.W., Trabelsi, S., Nelson, S.O. Wheat permittivity measurements in free space 36842
Kratochwil, K., Eier, R. Adapting standardized CRC codes to support byte structure 34568
Kratschmer, E., Kim, A.I.S., Thomson, M.G.R., Lee, K.Y., Rishton, S.A., Yu, M.L., Zolgharnain, S., Hussey, B.W., Chang, T.I.P. Experimental evaluation of a 20×20 mm footprint microcolumn 24367
Kratschmer, E. *see* Chang, T.H.P. 22673
Kratschmer, E. *see* Kim, H.S. 31683
Kratschner, E. *see* Chang, T.H.P. 54555
Kratz, F., Ringel, G., Tobben, H., Schmitt, D.-R. Comparison of a simulation model investigating the scanning of surfaces by mechanical profiling systems with current measurements 7574
Kratz, F. *see* Dorr, R. 19525
Kratz, F. *see* Nuninger, W. 60788
Kratz, F. *see* Tobben, H. 7572
Kratzer, H. *see* De Mierry, P. 41913
Kratzer, M. *see* Dubbs, T. 37393
Kratzer, P. Models for hydrogen extraction from the passivated Si(100) surface induced by the scanning tunneling microscope 42547
Kratzig, E. *see* Buse, K. 14442
Kratzig, E. *see* Gerwens, A. 24299
Kratzig, E. *see* Goul'kov, M.Yu. 14310
Kratzig, E. *see* Jakel, G. 44734
Kratzig, E. *see* Simon, M. 43890
Kratzwald, L. *see* Eick, W. 28034
Kratzwald, L. *see* Eick, W. 59238
Kraus, A. *see* Behrens, V. 11825
Kraus, A.D. *see* Pieper, R.J. 30298
Kraus, A.D. *see* Pieper, R.J. 30299
Kraus, A.D. *see* Pieper, R.J. 39788
Kraus, B. *see* Horsch, A. 18232
Kraus, G. Design and realisation of microwave circuits 21896
Kraus, G. Design and realisation of microwave circuits. 2 53565
Kraus, G. *see* Brecht, A. 7461
Kraus, J.S. *see* Harriott, L.R. 22700
Kraus, J.S. *see* Harriott, L.R. 42874
Kraus, L., Haslar, V., Heczko, O., Zaveta, K. Creep-induced magnetic anisotropy and magnetostriction in partly nanocrystalline $Fe_{74}Nb_3Cu_1Si_{13}B_9$ alloy 3062
Kraus, L. *see* Basso, V. 3086
Kraus, L. *see* Bucaro, J.A. 17875
Kraus, N.C. *see* Slocum, D.B. 50164
Kraus, R., Reddig, M., Hoffmann, K. The short-circuit behaviour of IGBTs based on different technologies 40884
Kraus, R. *see* Kern, T. 42927
Kraus, R. *see* Reddig, M. 31099
Kraus, S. *see* Dong Xu 54706
Kraus, S. *see* Xu, D. 41440
Kraus, W. Output range of rib-cooled induction motors extended up to 3000 kW 9241
Kraus, W., Kulm, G. Quality assurance in fiber optic components: BIDI module passes Bellcore test 47985
Krause, A., Palme, M., Notni, G. Interferometers with self-pumped phase-conjugate mirror for testing aspherical and cylindrical surfaces 4070
Krause, A. *see* Rehn, H. 4071
Krause, C. *see* Mirsky, V.M. 36715
Krause, E. *see* Danikas, M. 13287
Krause, E. *see* Guastavino, J. 43553
Krause, J., Monich, G. Susceptibility and emission measurement: GTEM cells and free field in comparison 14633
Krause, J. *see* Hausler, M. 38326
Krause, K. Keeping ISDN lines in shape 35845
Krause, M. *see* Grundmann, S. 50949
Krause, O. *see* Puttmer, A. 38126
Krause, P.C. *see* Hegner, H.J. 29264
Krause, P.C. *see* Skvarenina, T.L. 18708
Krause, P.C. *see* Skvarenina, T.L. 18710
Krause, P.C. *see* Tucker, W.L. 29265
Krause, R.K. *see* Borovina, D.L. 51403
Krause, R.K. *see* Davanloo, F. 51266
Krause, S., Morais de Assis Silva, F., Magedanz, T., Popescu-Zeletin, R., Mina Falsarella, O., Raul Arias Mendez, C. MAGNA–a DPE-based platform for mobile agents in electronic service markets 57715
Krause, S.J. *see* Bagchi, S. 22528
Krause, S.J. *see* Bagchi, S. 42295
Krause, T.W. *see* Mandal, K. 1007
Krause, T.W. *see* Mandal, K. 55022
Krause, T.W. *see* Yu, Y. 43636
Krause, W. *see* Schack, B. 8067
Krauss, A., Miller, T. Prototype sensor and data acquisition system for the CILAP polymer deposition process 21383
Krauss, A.F., Kamen, E.W. A multiple model approach to process control in electronics manufacturing 20830
Krauss, A.R. *see* Auciello, O. 846
Krauss, A.R. *see* Csencsits, R. 12195
Krauss, H. Simulation of coupled transmission lines by multidimensional wave digital filters 14662
Krauss, H. Wave digital simulation of transmission lines with arbitrary initial potential and current distributions 45286
Krauss, H., Rabenstein, R., Gerken, M. Simulation of wave propagation by multidimensional digital filters 15146
Krauss, K.W. *see* Doyle, T.W. 8525
Krauss, M., Hilbert, A. Incremental measurement systems use an interpolator integrated circuit 48343
Krauss, O. *see* Wolber, G. 59771
Krauss, P.R., Renstrom, P.J., Chou, S.Y. Fabrication of nanodevices using sub-25 nm imprint lithography 2559
Krauss, P.R. *see* Chou, S.Y. 22732
Krauss, P.R. *see* Chou, S.Y. 42859
Krauss, T.F., Brand, S., De La Rue, R.M. Waveguide-based photonic microstructures in semiconductors 33102
Krauss, T.F., De La Rue, R.M. Photonic microstructures for the next generation of microcavity lasers 55652
Krauss, T.F., De La Rue, R.M., Brand, S. Two-dimensional photonic-bandgap structures operating at near-infrared wavelengths 23676
Krauss, T.F., Pottinger, H., Bryce, A.C., Marsh, J.H., De La Rue, R.M., Button, C.C., Roberts, J.S. Large diameter semiconductor ring lasers in tensile strained InP/InGaAsP material 44532
Krauss, T.F., Smith, C.J.M., Vogele, B., Murad, S.K., Wilkinson, C.D.W., Grant, R.S., Burt, M.G., De La Rue, R.M. Two-dimensional waveguide based photonic microstructures in GaAs and InP 44001
Krauss, T.F., Vogele, B., Stanley, C.R., De La Rue, R.M. Waveguide microcavity based on photonic microstructures 23566
Krausse, N., Ecker, R., Hohm, B. Matched bandpass filter screens radar IF signals 41418
Krausz, F. *see* Brabec, T. 55891
Krausz, F. *see* Xu, L. 33437
Kraut, S. *see* Wagner, K. 27006
Krauter, B. *see* Gupta, R. 45277
Krauter, S., Hanitsch, R., Moreira, L. New optical and thermal enhanced PV-modules performing 12% better under true module rating conditions 39179
Krauthamer, S. *see* Das, R.S.L. 18685
Krauthamer, S. *see* Das, R.S.L. 29155
Krautle, H. *see* Gottwald, P. 54389
Krautle, H. *see* Kollakowski, S. 48543
Krautschneider, W.H., Kohlhase, A., Terletzki, H. Scaling down and reliability problems of gigabit CMOS circuits 1409
Krautschneider, W.H. *see* Bertagnolli, E. 2796
Krautter, H.W. *see* Comizzoli, R.B. 58090
Krautter, H.W. *see* Hong, M. 54417
Krautter, H.W. *see* Osenbach, J.W. 55721
Kravcak, J. *see* Vojtanik, P. 3069
Kravchenko, E. *see* Arisaka, K. 37239
Kravchenko, E. *see* Arisaka, K. 37460
Kravchenko, E. *see* Buzykaev, A. 37237
Kravchenko, E. *see* Buzykaev, A. 37240
Kravchenko, L.N. *see* Belyaev, A.E. 12877
Kravchenko, S.V., Simonian, D., Sarachik, M.P., Mason, W., Furneaux, J.E. Electric field scaling at a B=0 metal-insulator transition in two dimensions 12157
Kravchenko, T. *see* Moskalenko, Yu. 59744
Kravchenko, V.F. *see* Erofeenko, V.T. 4233
Kravchenko, Ya.V., Manenkov, A.A., Matyushin, G.A. Highly efficient polymer lasers with xanthene-series dyes 23761
Kravchik, A.E. Electric-motor service factors 60664
Kravchik, A.E., Novikov, V.K., Suvorov, N.I., Mavlyanbekov, Yu.U. Current state and prospects for development of low-voltage asynchronous electric motors 60772
Kravchuk, L.V., Paramonov, V.V. The On-axis Coupled Accelerating structure for application in proton linacs with moderate heat loading 49033
Kravchuk, L.V. *see* Esin, S.K. 37020
Kravchuk, L.V. *see* Esin, S.K. 37208
Kravcik, M. *see* Hine, N. 6172
Kravis, S. *see* Tumer, T.O. 59556
Kravitz, S.H. *see* Descour, M.R. 14451
Kravtsevich, I.I. *see* Germanenko, I.N. 14505
Kravtsov, N.N. *see* Kravtsov, N.V. 3742
Kravtsov, N.V., Kravtsov, N.N., Makarov, A.A., Firsov, V.V. Self-heterodyning in solid-state ring lasers 3742
Kravtsov, N.V., Lariontsev, E.G. Nonlinear dynamics of solid-state ring lasers 55582
Kravtsov, N.V., Naumkin, N.I. A multifrequency Raman laser based on rotational transitions in compressed hydrogen 23728
Kravtsov, N.V. *see* Zolotoverkh, I.I. 3743
Kravtsov, Yu.A., Kuzmin, A.V., Pospelov, M.N., Smirnov, A.I. Surface wind measurements by radiometer-polarimeters in frame of Russia airspace programs 8426
Krawczyk, F. *see* Lawrence, G. 49177
Krawczyk, F. *see* Wangler, T.P. 49188
Krawczyk, F.L., Bultman, N.K., Chan, K.C.D., Martineau, R.L., Nath, S., Young, L.M. Design of RF-cavities in the funnel of accelerators for transmutation technologies 7704
Krawczyk, H. *see* Bellare, M. 4518
Krawczyk, T.Krawczynski vel *see* Krawczynski vel Krawczyk, T.
Krawczyk, W.J. *see* Thompson, R.A. 28533
Krawczynski, H., Prahl, J., Arqueros, F., Bradbury, S., Cortina, J., Deckers, T., Eckmann, R., Feigl, E., Fernandez, J., Fonseca, V., Funk, B., Gebauer, J., Gonzalez, J.C., Haustein, V., Heinzelmann, G., Holl, I., Kirstein, O., Kornmeyer, H., Krennrich, F., Lindner, A., Lorenz, E., Magnussen, N., Martinez, S., Merck, M., Meyer, H., Mirzoyan, R., Moeller, H., Moralejo, A., Mueller, N., Padilla, L., Petry, D., Plaga, R., Prosch, C., Rauterberg, G., Rhode, W., Samorski, M., Sanchez, J.A., Schmele, D., Sooth, R.N., Stamm, W., Westerhoff, S., Wiebel-Sooth, B., Willmer, M. An optimized method for the reconstruction of the direction of air showers for scintillator arrays 37287
Krawczynski vel Krawczyk, T., Trojanowicz, M., Lewenstam, A., Moszczynska, A. Lactate solid-state biosensor with multilayer of electrodeposited polymers for flow-injection clinical analysis 7447
Kraye, H. *see* Puschell, J.J. 58483
Krc-Jediny, V. *see* Oravsky, V. 9630
Krchnavek, R.R. *see* Livingston, R.A. 6741
Kreamer, E.W. *see* Tardelli, J.D. 16473
Krebber, K. *see* Garcus, D. 58775
Krebs, D. *see* Babu, S.R. 49872
Krebs, M.R. Orbcomm: lessons learned on a crash program 47866
Krebs, O. *see* Devaux, F. 23584
Krebs, O. *see* Seidel, W. 42075
Krebsbach, S., Paulson, P. High-speed networks and the selection of deadlock detection algorithm 57817
Krech, W. *see* Basler, M. 32926
Krechetnikova, O.L. *see* Balakirev, V.V. 16971
Krechetov, Yu.F. *see* Glavanakov, I.V. 37260
Krecke, M. *see* Goffaux, R. 29218
Krecl, J. *see* Vedral, J. 1533
Kreczmer, B. Obstacles detection by ultrasonic sonars system 7578
Kreider, K.G., Ruff, A.W. Materials for thin-film wear sensors 40706
Kreider, K.G. *see* Ruff, A.W. 52900
Kreider, K.G. *see* Semancik, S. 10923
Kreimer, J. Smooth functionals in nondifferentiable optimization models and Monte-Carlo simulation tests 52519
Krein, P.T. Electrostatic discharge issues in electric vehicles 29770
Krein, S. *see* Le, B.Q. 49896
Kreinbrink, K. *see* Van Sciver, S.W. 43854
Kreindler, L. *see* Antognini, L. 61228
Kreindler, L. *see* Lahlou, M. 61381
Kreindler, L. *see* Magureanu, R. 61190
Kreinovich, V. With what accuracy can we measure masses if we have an (approximately known) mass standard 36365
Kreinovich, V., Pierluissi, J.H., Koshelev, M. A new method of measuring strong currents by their magnetic field 48802
Kreinovich, V. *see* Finkelstein, A. 30497
Kreinovich, V. *see* Koshelev, M. 531
Kreis, U. *see* Pfadler, H. 50712
Kreischer, K.E. *see* Hogge, J.P. 1945
Kreischer, K.E. *see* Kimura, T. 12099
Kreischer, K.E. *see* Levush, B. 12097
Kreischer, M.T. *see* Ubnoske, M.J. 59975
Kreisler, M.N. *see* Woodworth, J.G. 17916
Kreithen, D.E., Steinhardt, A.O. Target detection in post-STAP undernulled clutter 16845
Kreitmair-Steck, W., Wolframm, A., Schuster, A. HELIRADAR–the pilot's eye for flights at adverse weather conditions 18646
Kreller, F. *see* Henneberger, F. 55636
Kremen', N.V. *see* Aleksandrov, V.A. 58827
Kremens, R.L., Canosa, J.T., Brown, D., Hinterman, T., Letzring, S.L., Litchfield, M., Lonobile, D., Roides, R.G., Thomas, M., Weaver, R. The OMEGA laser electronic timing system 36384
Kremens, R.L. *see* Boehly, T.R. 14086
Kremer, F. *see* Fischer, B. 43476
Kremer, I., Nisan, N., Ron, D. On randomized one-round communication complexity 35500
Kremer, M. *see* Springer, J. 16285

Kremer, R. *see* Stahl, S.M. 35128
Kremers, M. *see* Notten, P.H.L. 3468
Kremeshnyi, Yu.A. *see* Zaitsev, A.M. 60776
Kremid, A. *see* Joshi, A. 23721
Kreminskaya, L.V. *see* Ilyenkov, A.V. 14258
Kreminskaya, L.V. *see* Ilyenkov, A.V. 14343
Kreminskaya, L.V. *see* Ilyenkov, A.V. 44610
Kreminskii, A.V. *see* Zuev, V.E. 60064
Kremliovsky, M., Kadtke, J. Signal classification using global dynamical models. II. SONAR data analysis 27095
Kremliovsky, M. *see* Kadtke, J. 25044
Kremp, K.-H., Putgens, L. Digital signal processor for satellite reception: chip set for digital "set-top boxes" 17043
Krempetz, K. *see* Smith, R.P. 49321
Kremser, G. *see* Kilgore, W. 6577
Kren, A. *see* Jezernik, K. 61170
Krenek, B. *see* Gibbs, D.P. 8522
Krenkow, A. *see* Endres, H.-H. 36762
Krenkow, A. *see* Perego, C. 58892
Krenn, H., Enichlmair, H., Sperl, J. SQUID magnetocalorimetry of disordered and artificially structured magnetic semiconductors 7538
Krenn, H. *see* Yuan, S. 42192
Krennrich, F. *see* Krawczynski, H. 37287
Krenz, K. *see* Nguyen, K.B. 32401
Krenz, K.D. *see* Descour, M.R. 14451
Krenz, K.D. *see* Fields, C.H. 22725
Krenz, K.D. *see* Ray-Chaudhuri, A.K. 22719
Kresch, E. *see* Krishnamurthy, N. 59667
Kresco, D. *see* Ramanujam, P. 34235
Kresge, J.S. *see* Light, D.N. 41711
Kresh, Y. *see* Krishnamurthy, N. 59667
Kreslo, I. *see* Annis, P. 59237
Kreslo, I.E. *see* Berkovski, A.G. 12123
Kress, J.D. *see* Campbell, I.H. 22443
Kress, J.D. *see* Chen, S.P. 54023
Kress, R. *see* Colton, D. 56004
Kress, S. Successful applications of machine vision in electronics manufacturing 39751
Kresse, H. *see* Glushchenko, A.V. 13550
Kressmann, R., Sessler, G.M., Gunther, P. Space-charge electrets 2883
Krestin, G.P. *see* Leung, D.A. 7970
Krestnikov, I.L., Ledentsov, N.N., Maksimov, M.V., Sakharov, A.V., Ivanov, S.V., Sorokin, S.V., Tenishev, L.N., Kop'ev, P.S., Alferov, Z.I. Lasing in submonolayer CdSe structures in a ZnSe matrix without external optical confinement 44464
Krestnikov, I.L., Maksimov, M.V., Ivanov, S.V., Ledentsov, N.N., Sorokin, S.V., Tsatsul'nikov, A.F., Lyublinskaya, O.G., Volovik, B.V., Kop'ev, P.S., Torres, S.M.S. Optical properties of submonolayer CdSe-(Zn,Mg)(S,Se) structures 42141
Krestnikov, I.L. *see* Kop'ev, P.S. 23931
Krestnikov, I.L. *see* Shernyakov, Yu.M. 55653
Kret, S. *see* Riesz, F. 12352
Kretchmer, J. *see* Brown, D.M. 2841
Kretchmer, J. *see* Ramungul, N. 2690
Kretly, L.C. *see* Diniz, J.A. 12776
Kretschmann, H.M., Heine, F., Ostroumov, V.G., Huber, G. High-power diode-pumped continuous-wave Nd^{3+} lasers at wavelengths near 1.44 μm 55573
Kretschmer, D., Odgers, J. Fuel correlations for combustion purposes: a summary of progress within the past fifteen years. II 28984
Kretschmer, D., Odgers, J. Fuel correlations for combustion purposes. A summary of progress within the past fifteen years. I 28990
Kretschmer, E., Zimmermann, F.-J. TV Test Transmitter SFQ: digital test signals for the television future 48215
Kretschmer, K.H. *see* Stollenwerk, J. 13731
Kretzschmar, H. *see* Kramm, F. 51471
Kreuger, F.H. *see* Jeroense, M.J.P. 19334
Kreusel, J., Oechsler, F., Wiegand, R. Future-oriented: system for control and protection of medium- and high-voltage switchgear completed 19890
Kreutel, W. *see* Schuss, J.J. 34462
Kreutz, E.W. Tailoring of chemical, morphological, and mechanical surface properties of materials with laser radiation 22605
Kreutz, E.W. *see* An Chengwu 890
Kreutz, E.W. *see* Pfleging, W. 42661
Kreutz, E.W. *see* Weichenhain, R. 40691
Kreutz-Delgado, K. *see* Padgett, C. 37953
Kreutzer, A., Balling, L. Advanced combined-cycle (GUD) power plants from Siemens equipped with model 3A gas turbine family 9108
Kreutzer, M. *see* Lisec, T. 19929
Kreutzer, W. *see* Hartanto, F. 16171
Kreuwel, K.B.G. *see* van Enckevort, W.J.P. 10588
Kreuzer, C.H., Krischke, N., Nance, P. Physically based description of quasi-saturation region of vertical DMOS power transistors 43028
Kreuzer, M. *see* Schreiber, A. 44104
Kreveld, M.van *see* van Kreveld, M.
Krevor, D. *see* Vazirani, G. 22052
Krewenka, R. *see* Algarabel, P.A. 3246
Krey, S. *see* Schilling, M. 7436
Kreysa, E. *see* Itoh, K.M. 1991
Kreyss, J., Roper, M., Alshuth, P., Hermes, Th., Herzog, O. Video retrieval by still image analysis with ImageMiner™ 57335
Kriaras, Y. *see* Jarvis, A. 26626
Krichevets, A.M., Kalitsinskii, Yu.R. Fundamental problems in the metrological assurance of modern information-processing measurement systems 7182
Krichevets, A.M. *see* Kalitsinskii, Yu.R. 7183
Krichtafovitch, I.A., Sinitsyna, I.Z. Multi-output modular high-voltage power supplies for airborne and space applications 18682
Krick, T., Sabia, J., Solerno, P. On intrinsic bounds in the Nullstellensatz 30415
Kriebel, D. *see* Hartmann, G.K. 8419
Krieg, M.L., Gray, D.A. Performance of state space multi-sensor track fusion with model mismatch 25228
Krieg, M.L., Gray, D.A. Radar and optical track fusion using real data 25231
Krieg, M.L., Gray, D.A. Multi-sensor, probabilistic multi-hypothesis tracking 26986
Kriege, M. *see* Ju, M. 47509
Kriegel, K. *see* Apeldoorn, O. 41553
Krier, A. *see* Wilson, M.R. 10737
Kriete, V. A journey through the life of an IN service in a commercial IN system 26294
Krietenstein, B., Weiland, T., Ratzinger, U., Tiede, R., Minaev, S.A. Numerical simulation of IH accelerators with MAFIA and RF model measurements 37143
Kriezis, E.E., Pantelakis, P., Antonopoulos, C.S., Papagiannakis, A.G. Full vector beam propagation method for axially dependent 3-D structures 45339
Kriezis, E.E., Papagiannakis, A.G. A three-dimensional full vectorial beam propagation method for z-dependent structures 55274
Kriezis, E.E. *see* Theodoulidis, T.P. 44947
Krigel, V.G. *see* Chelny, A.A. 31997
Krijnen, G. *see* Baek, Y. 13705
Krijntjes, K. *see* Sierens, C. 17081
Krikelas, G., Samaras, T., Vafiadis, E., Sahalos, J.N. EM interaction of handset mobile antennas and the human head 28459
Krikorian, G. A practical comparison of rapid prototyping and tooling options 30130
Kriksunov, L.B., Macdonald, D.D. Amperometric hydrogen sensor for high-temperature water 7475
Krile, T.F. *see* Caglar, A.T. 3518
Krile, T.F. *see* Choi, J.Y. 3350
Krile, T.F. *see* Fox, J.L. 15941
Krim, H., Brooks, D.H. Feature-based segmentation of ECG signals 37833
Krim, H. *see* Brooks, D.H. 28344
Krim, H. *see* Brooks, D.H. 59725
Krim, H. *see* Fosgate, C.H. 27065
Krim, H. *see* Learned, R.E. 46660
Krim, H. *see* Logan, C.L. 26964
Krim, H. *see* Pesquet, J.-C. 24950
Krimke, R., Urbassek, H.M. PIC/MC modeling of an ion source: case study 7766
Krindach, D.P. *see* Angelutc, A.A. 33390
Krindach, D.P. *see* Angeluts, A.A. 13983
Kringhoj, P. *see* Larsen, A.N. 41821
Kringhoj, P. *see* Monakhov, E.V. 31887
Kringlebotn, J.T., Loh, W.H., Laming, R.I. Polarimetric Er^{3+}-doped fiber distributed-feedback laser sensor for differential pressure and force measurements 17434
Krinichnyi, V.I. Relaxation and dynamics of charge carriers in organic polymer semiconductors: polyacetylene 42022
Krinke, J., Albrecht, M., Dorsch, W., Voigt, A., Strunk, H.P., Steiner, B., Wagner, G. Grain boundaries in silicon: microstructure and minority carrier recombination 31800
Krinke, J. *see* Bergmann, R.B. 39084
Krinke, J. *see* Bergmann, R.B. 40589
Krinke, J. *see* Voigt, A. 10772
Krins, M., Borsi, H., Gockenbach, E. Influence of ageing on the dielectric properties of carbonized transformer oil 19805
Krins, M., Borsi, H., Gockenbach, E. Influence of carbon particles on the breakdown voltage of transformer oil 23241
Krins, M., Borsi, H., Gockenbach, E. Influence of carbon particles on the breakdown and partial discharge inception voltage of aged mineral based transformer oil 43555
Krinsky, D.M., Veeneman, D.E., Olshansky, R. Bandwidth selection for the very high-rate digital subscriber line (VDSL) system 6365
Krinsky, S. *see* Bane, K. 17999
Kriouile, A. *see* Mari, J.-F. 24837
Kripesh, V., Bhatnagar, S.K., Osterwinter, H., Gust, W. Fine-line passive components for hybrid microelectronics 1842
Kripesh, V.P., Bhatnagar, S.K., Osterwinter, H., Gust, W. Effect of refiring on sheet resistance of laser micromachined thick film gold conductors 22077
Kripfganz, A. Favard's 'fonction penetrante' – a roughly convex function 10371
Krippner, P., Mohr, J., Muller, C., van der Sel, C. Microspectrometer for the infrared range 17334
Kris, E.M. *see* Tanaka, T. 53812
Krisa, W.L., Progler, C.J., Brennan, K., Schell, J.C. Application of deep-UV resist for 0.25 μm metal and poly processing 2508
Krisa, W.L., Shaw, S.Y., Slater, S., Insalaco, L. DUV resist etch selectivity improvements using UV stabilization 42842
Krisch, K.S. *see* Alers, G.B. 12558
Krisch, K.S. *see* Alers, G.B. 43336
Krischke, N. *see* Kreuzer, C.H. 43028
Krishna, A. *see* Hajek, B. 35971
Krishna, A. *see* LaMaire, R.O. 6454
Krishna, C.M. *see* Ganz, A. 36029
Krishna, H. *see* Sharma, K.K. 30400
Krishna, K.M. *see* Mosaddeq-ur-Rahman, M. 20034
Krishna, K.Sri *see* Sri Krishna, K.
Krishna, M.G., Biswas, R.G., Bhattacharya, A.K. On the effects of optical constants and physical parameters on the emittance of thin-film selective emitters for thermophotovoltaic applications 55165
Krishna, P. *see* Bakshi, B.S. 58148
Krishna Garg, H., Ko, C.C. Fast algorithms for computing one- and two-dimensional convolution in integer polynomial rings 45851
Krishna Garg Hari *see* Hari Krishna Garg
Krishna Mohan, K. *see* Santhanakrishanan, T. 59005
Krishna Murthy, M.V. *see* Chandra, R. 22117
Krishna Pattipati *see* Somnath Deb 56467
Krishnakumar, A.S. *see* Sobrinho, J.L. 46742
Krishnakumar, M., Padma, G., Sreelal, S., Narayana, T.V., Anguswamy, P., Singh, U.S. Field programmable gate array based miniaturised remote unit for a decentralised base-band telemetry system for satellite launch vehicles 8261
Krishnakumar, M., Sreelal, S., Narayana, T.V., Anguswamy, P., Singh, U.S. Field programmable gate array based miniaturised central controller for a decentralised base-band telemetry system for satellite launch vehicles 8266
Krishnakumar, T. *see* Bhat, J.C. 22501
Krishnamachari, S., Chellappa, R. Multiresolution Gauss-Markov random field models for texture segmentation 25640
Krishnamoorthy, A., Ushakumari, P.V. On some infinite server queues in discrete time 404
Krishnamoorthy, A. *see* Chan, K.K. 32996
Krishnamoorthy, A. *see* Goossen, K.W. 33324
Krishnamoorthy, A. *see* Kiamilev, F. 33327
Krishnamoorthy, A.V., Fang Xu, Ford, J.E., Fainman, Y. Polarization-controlled multistage switch based on polarization-selective computer-generated holograms 47488
Krishnamoorthy, A.V., Ford, J.E., Goossen, K.W., Walker, J.A., Tseng, B., Hui, S.P., Cunningham, J.E., Jan, W.Y., Woodward, T.K., Rozier, R.G., Kiamilev, F.E., Miller, D.A.B. Fabrication and testing of AMOEBA: an opto-electronic switch for multiprocessor networking 33185
Krishnamoorthy, A.V., Miller, D.A.B. Scaling optoelectronic-VLSI circuits into the 21st century: a technology roadmap 3659
Krishnamoorthy, A.V. *see* Ford, J.E. 36176
Krishnamoorthy, A.V. *see* Kiamilev, F.E. 55356
Krishnamoorthy, A.V. *see* Rolston, D.R. 3662
Krishnamoorthy, A.V. *see* Rolston, D.R. 33325
Krishnamoorthy, A.V. *see* Rozier, R.G. 33346
Krishnamoorthy, A.V. *see* Rozier, R.G. 55354
Krishnamoorthy, A.V. *see* Woodward, T.K. 3663
Krishnamoorthy, R., Bifano, T., Sandri, G. Statistical position repeatability of surface micromachined electrostatic actuators 14535
Krishnamoorthy, R. *see* Bar-David, I. 45587
Krishnamoorthy, R. *see* Bifano, T.G. 13773
Krishnamoorthy, R. *see* Bifano, T.G. 54855
Krishnamoorthy, S. *see* Schneider, P.H. 13126
Krishnamoorthy, T.M. *see* Sadagopan, G. 59840
Krishnamoorthy, V. *see* Allen, L.P. 12592
Krishnamoorthy, V. *see* Herner, S.B. 22439
Krishnamoorthy, V. *see* Jingwei Xu 32128
Krishnamoorthy, V. *see* Liu, J. 32134
Krishnamoorthy Mall, R., Bifano, T.G., Vandelli, N., Horenstein, M.H. Development of microelectromechanical deformable mirrors for phase modulation of light 43417
Krishnamurthy, A., Little, T.D.C., Castanon, D. A pricing mechanism for scalable video delivery 16172
Krishnamurthy, A.K. *see* Flake, L.R. 58435
Krishnamurthy, E., Prakash, K.A. Visual and auditory aspects of learning-BME in unmasking silent pathways for rehabilitation 8148
Krishnamurthy, E. *see* Ambuselvan, T. 18480
Krishnamurthy, E. *see* Madhumathi, S. 18295
Krishnamurthy, K., Lalande, F., Rogers, C.A. Effects of temperature on the electrical impedance of piezoelectric sensors [and implications for NDE] 7299
Krishnamurthy, K.B. *see* Ives, J.R. 49590
Krishnamurthy, M., Bi-Ke Yang, Weil, J.D., Slough, C.G. Heterogeneous nucleation of coherently strained islands during epitaxial growth of Ge on Si(110) 21230
Krishnamurthy, N., Kresch, E., Rao, S.S., Kresh, Y. Adaptive wavelet packet decomposition for ECG data compression 59667
Krishnamurthy, N. *see* Nair, V.S.S. 24898
Krishnamurthy, R., Moulin, P., Woods, J.W. Multiscale motion estimation for scalable video coding 57027
Krishnamurthy, R.K., Lys, I., Carley, L.R. Static power driven voltage scaling and delay driven buffer sizing in Mixed Swing QuadRail for sub-1 V I/O swings 11332
Krishnamurthy, S., Chen, A.-B., Sher, A. Comparison of HgTe materials grown in (100), (110), (111), and (211) orientations 821

Krishnamurthy, V., Evans, J. Continuous and discrete time filters for Markov jump linear systems with Gaussian observations 4664
Krishnamurthy, V. *see* Brown, D.M. 2841
Krishnamurthy, V. *see* Logothetis, A. 5804
Krishnamurthy, V. *see* Logothetis, A. 25145
Krishnan, A., Ahuja, N. Range estimation from focus using a non-frontal imaging camera 15827
Krishnan, A., Sukumar, R. Simulation tools for rapid design 10002
Krishnan, A. *see* Ning Zhou 28529
Krishnan, D. *see* Goh, W.B. 25421
Krishnan, J. *see* MacPhee, A.G. 13967
Krishnan, K. *see* Pentrack, D. 44282
Krishnan, K.M. *see* Rogers, D.J. 23335
Krishnan, K.S., Lahti, D.G., Leuchars, T.S., Terwilliger, S.R. Fiber-optic component testing 49852
Krishnan, K.S., Lahti, D.G., Smith, W.D., Averett, T.M. Optical fiber attenuation in proton radiation 43957
Krishnan, M. *see* Nagamani, H. 43556
Krishnan, P., Nag, S., Sugla, B. An automated technique for designing and improving provisioning processes 35617
Krishnan, P. *see* Goodman, D. 6579
Krishnan, R. Review of flux-weakening in high performance vector controlled induction motor drives 9687
Krishnan, R. A novel single switch per phase converter topology for four-quadrant PM brushless DC motor drive 29711
Krishnan, R., Catinaud, T., Seddat, M., Porte, M., Tessier, M. Magnetisation and anisotropy studies in sputtered TM/V (TM=Fe, Co, Ni) multilayers 3197
Krishnan, R. *see* Bae, H.K. 29684
Krishnan, R. *see* Driouch, L. 3061
Krishnan, R. *see* Lisfi, A. 3166
Krishnan, R. *see* Mukherjee, A. 5654
Krishnan, R. *see* Poulopoulos, P. 32824
Krishnan, S., Dostalik, W.W., Brennan, K., Aur, S., Rangan, S., Ashok, S. Inductively coupled plasma (ICP) metal etch damage to 35-60 A gate oxide 43031
Krishnan, S., Fossum, J.G., Pelella, M.M. BiMOS modeling for reliable SOI circuit design 22940
Krishnan, S., Laparra, O. Contamination issues in gas delivery for semiconductor processing 54319
Krishnan, S., Rangayyan, R.M., Bell, G.D., Frank, C.B., Ladly, K.O. Recursive least-squares lattice-based adaptive segmentation and autoregressive modeling of knee joint vibroarthrographic signals 18234
Krishnan, S., Rao, P.V.S. A comparative study of explicit frequency and conventional signal representations for speech recognition 14958
Krishnan, S. *see* Dixit, G.A. 42665
Krishnan, S. *see* Fossum, J.G. 43246
Krishnan, S. *see* Loewenstein, L.M. 42806
Krishnan, V. *see* Sen, A. 44685
Krishnankutty, S. *see* Keller, S. 40454
Krishnankutty, S. *see* Shmagin, I.K. 33477
Krishnapuram, R. *see* Frigui, H. 15437
Krishnaswami, K. *see* Tilleman, M.M. 16974
Krishnaswamy, D., Hsiao, M.S., Saxena, V., Rudnick, E.M., Patel, J.H., Banerjee, P. Parallel genetic algorithms for simulation-based sequential circuit test generation 53182
Krishnaswamy, K.R. *see* Thomas, P. 19809
Krishnaswamy, M., Boertjes, D., McMullin, J.N., Keyworth, B.P. Optical properties of polymer waveguides dispensed on an erbium/ytterbium codoped glass 44416
Krishnaswamy, M., McMullin, J.N., Keyworth, B.P., Broughton, J.N. Formation of hollow glass microcylinders on silicon 949
Krishnaswamy, M., McMullin, J.N., Keyworth, B.P., Hayden, J.S. Optical properties of strip-loaded Er-doped waveguides 13639
Krishnaswamy, S., Pouet, B.F., Chatters, T.C. Additive-subtractive phase-modulated speckle interferometry: fringe visibility under partial decorrelation 7628
Krishnaswamy, S. *see* Dorighi, J. 36981
Krishnaswamy, S. *see* Liu-Sheng Wang 24282
Krishnaswamy, S. *see* Pouet, B. 33754
Krishnaswamy, S. *see* Poueta, B.F. 14339
Krishnudu, T., Madhusudhan, B., Reddy, S.N., Murthy, K.V.R.S., Anjaneyulu, T.S.R. Clean coal technologies through IGCC power generation 9107
Krist, P. *see* Gerber, R. 4212
Kristalinski, A. *see* Smith, R.P. 49321
Kristen, G. *see* Schimpe, R. 16765
Kristensen, A. *see* Caiti, A. 18756
Kristensen, A. *see* Caiti, A. 50018
Kristensen, E.Breiner *see* Breiner Kristensen, E.
Kristensen, M. *see* Hubner, J. 23822
Kristensen, M. *see* Hubner, J. 55189
Kristensen, M. *see* Hubner, J. 55262
Kristensen, M. *see* Ibsen, M. 16664
Kristensen, M. *see* Jouanno, J.-M. 3407
Kristensen, S. Sensor planning with Bayesian decision theory 17312
Kristensen, S., Christensen, H.I. Decision-theoretic multisensor planning and integration for mobile robot navigation 24965
Kristensson, M., Ottersten, B. Statistical analysis of a subspace method for blind channel identification 25821
Kristiak, J. *see* Bandzuch, P. 37577
Kristiansen, G., Wunderlich, W., Fischer, F., Roehrig, B., Arntz, H.R., Horstkotte, D., Schultheiss, H.P. Accuracy and precision of the analytic calibration method in quantitative coronary arteriography 49436
Kristiansen, M. *see* Agee, F.J. 54888
Kristiansen, M. *see* Dickens, J.C. 51254
Kristiansen, M. *see* Dickens, J.C. 54887
Kristiansen, M. *see* Woolverton, K. 12089
Kristiansen, S. *see* Soreide, F. 50202
Kristiansen, T. Telecommunications in distance education – an introduction 46885
Kristiansen, T. Field trials – the need for user participation in telecommunications development 47239
Kristiansen, T. Cultural and educational barriers to tele-education – experiences from the use of videoconferencing 47246
Kristjansson, S., Ming Li, Eriksson, N., Hagberg, M., Killius, K.-J., Larsson, A. Circular grating coupled DBR laser with integrated focusing outcoupler 44500
Kristjansson, S. *see* Ming Li 14444
Kristoffersen, F., Walter, T. TTCN: towards a formal semantics and validation of test suites 25948
Kristoffersen, J.R. *see* Blaabjerg, F. 50952
Kristoffersen, K.J. *see* Bengtsson, J. 5857
Kritikos, H.N. Application of Weyl-Heisenberg and affine-groups to scattering 36224
Kritsky, S. *see* Ivanov, A. 16247
Krivaite, G. *see* Kavaliauskas, J. 42118
Krivak, P. *see* Calabek, M. 29545
Krivda, A. Partial discharge patterns during short and long term ageing of cavities 13279
Krivda, C.D. Wireless technologies in manufacturing 6228
Krivine, J.-P. *see* Thiebaux, S. 8822
Krivitskii, A.M. *see* Konkin, S.V. 33387
Krivorutski, L.D. *see* Voropai, N.I. 50406
Krivosheev, G.A. *see* Aizenberg, N.N. 35102
Krivospitskii, A.D. *see* Il'kaev, D.R. 32407
Krivov, S.V. *see* Dmitrenko, V.V. 59282
Krivoy, G.S. *see* Greenberg, Y.S. 32907
Krivsky, V. *see* Bunda, V.V. 43833
Krivulin, N.K. Algebraic models in simulation of tandem queueing systems 39990
Kriz, D., Johansson, A. A preliminary study of a biosensor based on flow injection of the recognition element 36713
Krizaj, D., Bonvicini, W., Amon, S. FOXFET structure–device modelling and analysis 37517
Krizan, P., Korpar, S., Staric, M., Stanovnik, A., Cindro, M., Pestotnik, R., Skrk, D., Bulla, A., Michel, E., Oehser, C., Schmidt-Parzefall, W., McGill, J., Hamacher, T., Schwitters, R., Broemmelsiek, D., Rosen, J., Lau, K., Pyrlik, J., Atiya, M. Photon detectors for the HERA-B RICH 59293
Krizanc, D. *see* Gasieniec, L. 16484
Krizek, M. *see* Hlavacek, I. 643
Krizek, M. *see* Liping Liu 52582
Krizman, D.M. *see* Tranter, W.H. 20523
Krizmanic, J. *see* Stahle, C.M. 37354
Krizmanic, J.F. *see* Kurczynski, P. 59369
Krnac, S., Povinec, P.P. Factor analysis of semiconductor γ-ray spectra 18104
Kroc, T., McCrory, E., Moretti, A., Popovic, M. Continued conditioning of the Fermilab 400 MeV Linac high-gradient side-coupled cavities 37155
Krocza, J. *see* Ganster, H. 18203
Kroeger, D.M. *see* Christen, D.K. 52673
Kroeger, R.A., Grove, J.E., Inderhees, S.E., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Phlips, B.P. Thin scintillators and position sensitive photomultiplier tubes for hard X-ray imaging in space 59363
Kroeger, W. *see* DeWitt, J. 59243
Kroeger, W. *see* Dubbs, T. 37393
Kroeger, W. *see* Sadrozinski, H.F.W. 37399
Kroeger, W. *see* Unno, Y. 37395
Kroeker, R.M. *see* Li, D. 59477
Kroemer, H. Band offsets and chemical bonding: the basis for heterostructure applications 42071
Kroemer, H., Thomas, M. Induced superconductivity in InAs quantum wells with superconducting contacts 43782
Kroemer, H. *see* Reddy, M. 53652
Kroemer, H. *see* Rubin, M.E. 42139
Krogager, E., Madsen, S.N. Comparison of various decompositions for analysis, interpretation, and classification of polarimetric SAR images 27014
Krogemann, M., Clare, J.C. A soft switching parallel quasi resonant DC-link inverter with modified asynchronous space vector PWM 9331
Krogemann, M., Clare, J.C. Design and analysis of a PWM parallel resonant DC-link inverter 51340
Krogen, J. *see* Yeh, Y.C.M. 37982
Krogh, B.H. *see* Knight, T.J. 30881
Krogh, K. *see* Storkholm, J.H. 49671
Krogmeier, J.G. *see* Balasubramanian, R. 24629
Krogmeier, J.V. *see* Balasubramanian, R. 4437
Krogmeier, J.V. *see* Fitz, N.P. 6584
Krogmeier, J.V. *see* Gansman, J.A. 4639
Krogmeier, J.V. *see* Gansman, J.A. 6654
Krogmeier, J.V. *see* Gelfand, S.B. 4881
Krogmeier, J.V. *see* Kan, W.Y. 35244
Kroh, J., Wysocki, S. Radiation damage to polymeric insulations 8926
Kroha, H. *see* Abt, I. 7783
Kroha, H. *see* Blum, W. 3597
Krohm, F., Kuchlmann, A., Mets, A. The use of random simulation in formal verification 1055
Krohn, H., Ther, E., Tormin, U., Wermeckes, B., Beck, F. Optimization of cyclic behaviour of the metal-free GIC/H_2F_2/AQ rechargeable battery 9508
Krohn, K. *see* Young, P. 37201
Krois, I. The equipment for monitoring advances in leg rehabilitation 37601
Krois, P. *see* Keegan, C.E. 59978
Krol, A., Szuber, J., Kaszczyszyn, S. Unipole mass filter with microcomputer control and data acquisition systems 7466
Krol, A.M. *see* Borisov, V.I. 14360
Krol, M.F. Electro-optic coupled quantum well materials and devices for fiber-optic applications 2185
Krol, M.F. *see* Hayduk, M.J. 33465
Krol, M.F. *see* Hayduk, M.J. 55549
Krol, M.F. *see* Hayduk, M.J. 55564
Krol, M.F. *see* Ten, S. 12380
Krol, R.J. *see* ter Brugge, M.H. 35081
Krolik, J.L. Robust matched-field beamforming with benchmark shallow-water acoustic array data 16988
Krolik, J.L., Anderson, R.H. Maximum likelihood coordinate registration for over-the-horizon radar 48083
Krolik, J.L. *see* Czenszak, S.P. 36270
Krolik, J.L. *see* Tabrikian, J. 28659
Krolikoski, S.J. Deep submicron design: the new challenges–a tutorial 54734
Krolikowski, M. *see* Kisielewski, M. 3174
Krolikowski, W., Akhmediev, N., Andersen, D.R., Luther-Davies, B. Effect of natural optical activity on the propagation of photorefractive solitons 4053
Krolikowski, W., Holmstrom, S.A. Fusion and birth of spatial solitons upon collision 55882
Krolikowski, W., Luther-Davies, B., Holmstrom, S., Akhmediev, N. Propagation and collision of photorefractive screening solitons 55886
Krolikowski, W. *see* Wilson, R. 40614
Kroll, A.V., Smorchkov, V.I. Electrochemical solid-state micro-sensor for hydrogen determination 23024
Kroll, N. *see* Ruth, R.D. 49165
Kroll, N. *see* Seidel, M. 49050
Kroll, N.M. *see* Jones, R.M. 49049
Kroll, N.M. *see* Miller, R.H. 49048
Kroll, S. *see* Elman, U. 3338
Kroll, U. *see* Fischer, D. 39129
Kroll, U. *see* Keppner, H. 39031
Kroll, W. *see* Thompson, A.G. 40329
Kromann, G. Board-level thermal design considerations for a high-performance RISC microprocessor: the Motorola PowerPC 620™ microprocessor 53342
Kromann, G.B. Thermal management of a C4/ceramic-ball-grid array: The Motorola PowerPC 603™ and PowerPC 604™ RISC microprocessors 30303
Kromann, G.B. Thermal management of C4 surface-mount-array interconnect technologies: a one-dimensional model 39852
Kromann, G.B., Argento, C.W. Thermal enhancements for a plastic-ball-grid array interconnect technology: computational-fluids dynamics modeling and characterization for low-velocity air-cooling 270
Kromann, G.B. *see* Argento, C.W. 20923
Kromann, G.B. *see* Gerke, R.D. 30281
Kromann, R. *see* Hubner, J. 55262
Kromann, R. *see* Ibsen, M. 16664
Kromann, R. *see* Jouanno, J.-M. 3407
Kromdijk, J.G. *see* Wenzel, J. 11974
Krome, J.W., Maas, J., Wallaschek, J. Models for the electro-mechanical interaction of the stator of a piezoelectric ultrasonic motor and its power supply 19771
Kromka, A. *see* Buc, D. 10825
Krompholz, H. *see* Dickens, J.C. 54887
Kron, T. *see* Duggan, L. 37850
Kron, T. *see* Howlett, S.J. 37905
Kron, T. *see* Ostwald, P.M. 37861
Kronberg, F., Ringrose, P., Losik, L., Biroscak, D., Malina, R.F. Re-engineering the EUVE payload operations information flow process to support autonomous monitoring of payload telemetry 6033
Krone, A. *see* Becker, G. 49455
Krone, K. *see* Trites, J.F. 53718
Krone, R.J. *see* Azancot, I. 37654
Kronen, D. *see* Smith, S.M. 38093
Kroner, H., Kuhn, P.J., Renger, T. Management of ATM Networks 46916
Kronestedt, F., Frodigh, M., Wallstedt, K. Radio network performance for indoor cellular systems 47750
Krongauz, Y. *see* Belytschko, T. 540
Krongelb, S., Romankiw, L.T., Yarmchuk, E.J., Thompson, D.A. Fabrication of a magnetographic printing head 33911
Krongelb, S. *see* Acosta, R.E. 38760
Kronik, L. *see* Fefer, E. 2027
Kronik, L. *see* Leibovitch, M. 54160
Kronland-Martinet, R., Guillemain, P. Ridges associated to continuous linear time-frequency representations of asymptotic and transient signals 34926

Kronmueller, H. *see* Coelho, A.A. 30706
Kronmueller, H. *see* Seeger, M. 32876
Kronmueller, H. *see* Torres, L. 55033
Kronmueller, H. *see* van Lier, J. 55023
Kronmueller, H. *see* Walz, F. 43649
Kronmuller, H. Micromagnetism in modern magnetic materials 55030
Kronmuller, S. *see* Griesinger, U.A. 23962
Kroo, I.M. *see* Gage, P.J. 30541
Kroon, J.G.M. *see* Troost, E. 57960
Kroon, P. *see* Cox, R.V. 26408
Krooshoop, H.J.G. *see* Shevchenko, O.A. 51625
Kropachev, G.N. *see* Balabin, A.I. 49098
Kropatsch, W.G., Yacoub, S.B. General pyramid segmentation algorithm 5004
Kropatsch, W.G., Yacoub, S.B. A revision of pyramid segmentation 5400
Kropf, T. *see* Schneider, K. 31064
Kropfeld, P., Vanoverschelde, A., Ducroquet, F., Godts, P. Study of cold microcathodes on GaAs tip or wedge structures for hyperfrequency applications 41739
Kropfli, R.A., Clifford, S.F. The Coastal Ocean Probing Experiment: further studies of air-sea interactions with remote and in-situ sensors 8492
Kropivyanskii, B.N. *see* Georgadze, A.Sh. 18101
Kroposki, B., Myers, D., Emery, K., Mrig, L., Whitaker, C., Newmiller, J. Photovoltaic module energy rating methodology development 39177
Kroposki, B., Strand, T., Hansen, R., Powell, R., Sasala, R. Technical evaluation of Solar Cells Inc. CdTe module and array at NREL 39112
Kroposki, B. *see* Emery, K. 39169
Kroposki, B. *see* Strand, T. 39111
Kropotov, N.Yu. *see* Lisovskii, V.A. 23155
Kropp, H., Schwiegershausen, M., Pirsch, P. A CAD tool for the optimization of video signal processor architectures 15903
Kropp, L.I. *see* Bochkov, V.D. 24377
Krose, B.J.A. *see* Van Dam, J.W.M. 15271
Krose, B.J.A. *see* van Dam, J.W.M. 24970
Kroshkin, A.N. *see* Donhenko, S.I. 17169
Kross, M.F., Donaldson, R.L., Palmer, D.J. PCI-based WILDFIRE reconfigurable computing engines 41004
Krost, A. *see* Darhuber, A.A. 40304
Krost, A. *see* Heinrichsdorff, F. 40651
Kroth, U. *see* Solt, K. 17363
Krotkus, A., Grigoras, K., Pacebutas, V., Barsony, I., Vazsonyi, E., Fried, M., Szlufcik, J., Nijs, J., Levy-Clement, C. Efficiency improvement by porous silicon coating of multicrystalline solar cells 51599
Krotkus, A. *see* Hark Hoe Tan 55387
Krotkus, A. *see* Korona, K.P. 12232
Krotkus, A. *see* Marcinkevicius, S. 12227
Krotkus, A. *see* Marcinkevicius, S. 54077
Krotkus, A. *see* Pacebutas, V. 61095
Krotkus, A. *see* Stalnionis, A. 12253
Krouglov, S.V., Filipas, A.S., Alexakhin, R.M., Arkhipov, P. Long-term study on the transfer of ^{137}Cs and ^{90}Sr from Chernobyl-contaminated soils to grain crops 8518
Kroupa, V.F. Close to the carrier noise in DDS 11206
Krowne, C.M. *see* Newman, H.S. 41404
Krozer, V. *see* Dehe, A. 1723
Krska, J.-H.Y., Yoon, J.U., Kim, G.N., Joyner, K., Nauka, K., Chung, J.E. Impact of supplemental Si implantation into SIMOX buried oxide 22462
Krska, J.-H.Y., Yoon, J.U., Nee, J.T., Roitman, P., Campisi, G.J., Brown, G.A., Chung, J.E. A model for SIMOX buried-oxide high-field conduction 2267
Krska, J.Y. *see* Allen, L.P. 12592
Krsnik, B. *see* Wong, H. 1417
Krstelj, V. Ultrasonic testing of polymer materials 993
Krstic, A., Kwang-Ting Cheng, Chakradhar, S.T. Identification and test generation for primitive faults 41014
Krstic, A. *see* Kwang-Ting Cheng 11374
Krticka, A., Honzikova, N., Fiser, B. Method for continuous determination of baroreflex sensitivity in man 28064
Kruchinin, A.M., Sawicki, A., Fomenko, O.Ya. Indeterminacy of the electric arc in designing arc and plasma electrical-engineering equipment and systems 9730
Kruchinskii, N.G., Teplyakov, A.I., Klimov, V.T., Gorchakov, A.M., Ostapenko, V.A. Enterosorption and ultraviolet irradiation of autoblood in complex treatment of patients with radiocesium incorporation in their bodies 49768
Kruchkov, E.I. One approach to magnetic levitation and precision acceleration measurement under superconductivity conditions 43873
Kruchkovich, M.M. *see* Selivanov, A.S. 49875
Krucinski, S. *see* Gopakumaran, B. 37829
Kruck, P., Helm, M., Fromherz, T., Bauer, G., Nutzel, J.F., Absteiter, G. Medium-wavelength, normal-incidence, p type Si/SiGe quantum well infrared photodetector with background limited performance up to 85 K 17348
Kruckemyer, D. *see* Montanaro, J. 1446
Krueerke, D. *see* Contzen, J. 24303
Krueger, C.W., Patnaik, S., Wang, C.A., Flytzani-Stephanopoulos, M. CH_3I vapor etching of GaAs in a vertical rotating-disk reactor 12245
Krueger, E. *see* Stobie, J. 18818
Krueger, E.E. *see* Reine, M.B. 50042
Krueger, H. *see* Schierz, C. 37895
Krueger, J. *see* Rogalla, M. 32358
Krueger, J.W. *see* King, L. 41216
Krueger, M., Ermert, H., Li, M., Kaarmann, H.T. Simulation of B-mode imaging and spatial compounding in inhomogeneous media 28119
Krueger, M. *see* Arrand, H. 33092
Krueger, W.B. *see* Bar-Cohen, A. 52285
Krueger, W.M. On the topological structure of shading 4997
Kruehler, W. *see* Reindl, T. 10914
Kruerke, D. *see* Heppke, G. 44665
Krug, A. *see* Anderson, S. 35955
Krug, F. *see* Bruce-Boyce, C. 18501
Krug, J. PIN photodiodes with transimpedance amplifiers for optical networks: Compact pre-amp modules immune to interference 47987
Krug, P.A. *see* Ouellette, F. 16681
Krug, W.P. *see* Hong, C.-S. 16401
Kruger, D. *see* Gaiseanu, F. 42420
Kruger, D. *see* Osten, H.J. 22280
Kruger, D. *see* Richter, H. 43207
Kruger, F., Beck, F. Precompacted carbon black (CB)-electrodes in aqueous sulphuric acid: galvanostatic charge and discharge of the electrochemical double layer capacitor (ECDLC) in single electrodes 9571
Kruger, G.A. The supply chain approach to planning and procurement management 30121
Kruger, J., Neubert, A. Machine diagnoses via Internet 16309
Kruger, J., Quickert, M. Determination of acoustic absorber parameters in impedance tubes 59098
Kruger, J. *see* Kautek, W. 905
Kruger, J.K. *see* Chatei, H. 40422
Kruger, K., Timm, K. Productivity and specific energy consumption of electric arc furnaces 51847
Kruger, K. *see* Kruger, U. 26742
Kruger, K. *see* Kruger, U. 47893
Kruger, K. *see* Kruger, U. 58273
Kruger, L., Naunin, D., Hidiroglu, A., Neumerkel, D., Franz, J. Neural model predictive control of an induction motor 51003
Kruger, M., Berger, M.G., Marso, M., Reetz, W., Eickhopf, T., Loo, R., Vescan, L., Thonissen, M., Luth, H., Arens-Fischer, R., Hilbrich, S., Theiss, W. Color-sensitive Si-photodiode using porous silicon interference filters 33257
Kruger, M. *see* Thonissen, M. 44174
Kruger, P. Lacking backbone? [Internet satellite based solutions] 47049
Kruger, P. Different strokes [Intranets] 57781
Kruger, S.A., Calway, A.D. A multiresolution frequency domain method for estimating affine motion parameters 56735
Kruger, U., Kruger, K., Batchellor, C.R., Helmolt, C.V., Nagengast, U. Wavelength manager covering the EDFA-band and capable of controlling hundreds of transmitters 47893
Kruger, U., Kruger, K., Helmolt, C.V., Pawlowski, E. Optical frequency stabilisation scheme for an OFDM network based on widely spaced optical crossconnects 26742
Kruger, U., Kruger, K., von Helmolt, C. Quasicontinuous tunable fiber-ring laser applied as local oscillator in an absolute calibrated spectrometer for WDM systems 58273
Kruger, U. *see* Schlichting, J. 1854
Kruglick, E. *see* Bult, K. 17268
Kruglov, S.L. *see* Kovalyov, I.A. 3299
Kruglov, V. *see* Zhodzishskii, I. 46993
Kruglov, V.V., Prokhorenkova, A.T. Wiener filtration in conditions of random discretization 21802
Kruif, R.C.M.de *see* de Kruif, R.C.M.
Kruit, P., Jiang, X.R. Influence of aperture position in focussed ion beam systems on statistical Coulomb interaction effects 33831
Kruit, P. *see* Bi, J. 42868
Kruit, P. *see* Borgonjen, E.G. 41808
Kruit, P. *see* de Jager, P.W.H. 22671
Kruit, P. *see* Jiang, X.R. 24364
Kruit, P. *see* McCartney, M.R. 22188
Kruit, P. *see* Van Der Stam, M.A.J. 33826
Kruk, O.P. *see* Kolpak, B.D. 7281
Krukovskii, S.I. *see* Venger, E.F. 48567
Krukowski, A., Kale, I., Morling, R.C.S. Applications of polyphase filters for bandpass Sigma-Delta analog-to-digital conversion 1532
Krulevitch, P., Lee, A.P., Ramsey, P.B., Trevino, J.C., Hamilton, J., Northrup, M.A. Thin film shape memory alloy microactuators 13200
Krulevitch, P.A. *see* Lee, A.P. 19930
Krull, U.J. *see* Heimlich, M.S. 48433
Krull, W.A. *see* Anc, M.J. 42294
Krumbe, W. *see* Franke, D. 32104
Krumbein, U. *see* Lades, M. 12880
Krumbugel, M.A., Sweetser, J.N., Fittinghoff, D.N., DeLong, K.W., Trebino, R. Ultrafast optical switching by use of fully phase-matched cascaded second-order nonlinearities in a polarization-gate geometry 44711
Krumbugel, M.A. *see* Taft, G. 55588
Krumbugel, M.A. *see* Tsang, T. 17832
Krumins, A., Chen, Z., Shibata, M., Belov, A.A. Relaxational optical oscillations in PLZT thermal lenses 43501
Krumke, S.O. On the convergence of a modified barrier function method for convex quadratic and linear programming 494
Krumm, H. *see* Konig, H. 35518
Krumm, H. *see* Loffler, M.J. 38184
Krumm, H. *see* Weise, T.H.G.G. 33865
Krumm, H. *see* Weise, T.H.G.G. 33866
Krummel, J.R. *see* Haiping Su 8412
Krummenacher, F. *see* Bucher, M. 13098
Krummenacher, F. *see* van Ruymbeke, G. 41300
Krummenacher, F. *see* Yoshizawa, H. 1568
Krumpholz, M., Winful, H.G., Katehi, L.P.B. Nonlinear time-domain modeling by multiresolution time domain (MRTD) 45062
Krumpholz, M. *see* Goverdhanam, K. 33935
Krumpholz, M. *see* Tam, W.Y. 613
Krumpholz, M. *see* Tentzeris, E.M. 34148
Krupa, A. *see* Jaworck, A. 33851
Krupa, A. *see* Jaworek, A. 22137
Krupa, J.C. *see* Mayolet, A. 13820
Krupanidhi, S.B. *see* Hudait, M.K. 21309
Krupanidhi, S.B. *see* Rao, G.M. 30911
Krupczak, B., Calvert, K., Ammar, M. Protocol portability through module encapsulation 57654
Krupczak, J.J., Jr., McAllaster, D.R., Crampton, S.B., Cole, A.L., Kerman, A.J. A cryogenic hydrogen maser operating at 10 K 44323
Krupenin, A.I. *see* Odintsov, V.I. 33616
Krupenin, V.A., Lotkhov, S.V., Presnov, D.E. Instability of single-electron memory at low temperatures in Al/AlO_x/Al structures 43163
Krupenin, V.A. *see* Ahlers, F.-J. 22894
Krupicka, S. *see* Marysko, M. 3233
Krupinski, E.A., Nishikawa, R.M. Comparison of eye position versus computer identified microcalcification clusters on mammograms 28250
Krupka, J., Geyer, R.G., Baker-Jarvis, J., Ceremuga, J. Measurements of the complex permittivity of microwave circuit board substrates using split dielectric resonator and reentrant cavity techniques 41427
Krupka, J. *see* Geyer, R.G. 23388
Krupka, J. *see* Tobar, M.E. 11668
Krupke, W. *see* Solarz, R. 55954
Krupke, W.F. *see* Marshall, C.D. 14083
Krupke, W.F. *see* Page, R.H. 44524
Krupke, W.F. *see* Page, R.H. 55590
Krupnikov, E.D., Kolbig, K.S. Some special cases of the generalized hypergeometric function ${}_{q+1}F_q$ 30550
Krupnov, A.F. *see* Bocquet, R. 13929
Kruppa, W., Boos, J.B. Low-frequency transconductance dispersion in InAlAs/InGaAs/InP HEMT's with single- and double-recessed gate structures 54684
Kruppa, W. *see* Binari, S.C. 32442
Kruschke, O. *see* Wernicke, G. 33744
Kruschwitz, J.D.T., Pawlewicz, W.T. Optical and durability properties of infrared transmitting thin films 55380
Kruse, J. Using AVL technology to expand SMR services 48185
Kruse, J. *see* Loffler, M.J. 38184
Kruse, K.-O. The strength of preference and the splitting of the von Neumann-Morgenstern utility function 30448
Kruse, P.W. The design of uncooled infrared imaging arrays 17488
Kruse, S.-M. Scene segmentation from dense displacement vector fields using randomized Hough transform 5501
Krusell, W. *see* Jairath, R. 2387
Krusell, W.C., Malik, I.J., Mohr, F., Hymes, D.J. Double-side wafer scrubbing beyond post-CMP cleaning 42471
Krushevskaya, T.V. *see* Lazyuk, D.G. 49470
Krusin-Elbaum, L. *see* Sun, J.Z. 3260
Krusin-Elbaum, L. *see* Sun, J.Z. 43671
Krusius, J.P. *see* George, A.G. 294
Krusor, B.S. *see* Romano, L.T. 52726
Krut, D.D. *see* Chiang, P.K. 37980
Krutchinskii, S.G. Structural synthesis of circuit diagrams of microelectronic frequency-selective devices 31034
Krutikov, M.V., Sharygin, G.S., Kiselev, O.N. Resolution limitations on the SAR systems determinable on random nature of the field near radio horizon 16963
Krutko, O.B. *see* Kulish, V.V. 53998
Kruys, J. Wireless ATM – tales of a marriage 47808
Kruys, J. *see* Awater, G.A. 47086
Kruys, J.P. *see* Honcharenko, W. 26383
Kruyt, N.P. A conjugate gradient method for the spectral partitioning of graphs 30492
Kruzek, R. *see* Wells, G.T. 53857
Kruzelecky, R.V., Paquet, S., Ghosh, A.K., Tremblay, C., Lanzon, J., Landry, N. Development of a miniaturized integrated optical spectrometer for the infrared spectral range 33106
Kruzhalov, S.V., Parfenov, V.A., Zaitsev, G.F., Parfenov, V.A. Lamp-pumped laser head reflectors with selective interferometric coatings 14035
Kruzhalov, S.V. *see* Parfenov, V.A. 55543
Kruzhilin, Y.I. Commercial electric energy from space (1 kW-hr cost $0.002-0.003) is available in the following decade 19636
Kryakovskii, B.S. *see* Zheleznov, V.S. 40008
Kryatov, S.V. *see* Budarin, L.I. 17580
Kryder, M. *see* Trindade, I. 43679
Kryder, M.H., Jayasekara, W.P., Wang, S.-X. Ultrahigh density magnetic write heads 43676
Kryder, M.H. *see* Min Xiao 43680

Krygowski, T., Rohatgi, A. A novel approach toward the simultaneous diffusion of boron and phosphorus in silicon 42386

Krygowski, T., Sana, P., Crotty, G., Rohatgi, A. A novel technology for the simultaneous diffusion of boron, aluminum and phosphorus in silicon [solar cells] 39089

Krygowski, T. *see* Cai, L. 10815

Krylov, G.G. *see* Weigand, R. 33389

Krylov, V., Rebane, A., Erni, D., Ollikainenand, O., Wild, U., Bespalov, V., Staselko, D. Vibrational and rotational stimulated Raman scattering by femtosecond laser pulses in H_2, D_2, HD, and CH_4 gases 24118

Krylov, V., Rebane, A., Erni, D., Ollikainen, O., Wild, U., Bespalov, V., Staselko, D. Stimulated Raman amplification of femtosecond pulses in hydrogen gas 33651

Krylov, V., Rebane, A., Kalintsev, A., Erni, D., Wild, U.P. Noncollinear parametric generation and amplification in $LiIO_3$ and β-barium borate by frequency-doubled femtosecond Ti:sapphire laser pulses 14355

Krylov, V.A. *see* Pokhodenko, V.D. 9501

Krylov, V.M. *see* Guslyakov, V.T. 48222

Krylova, D.D. *see* Alekseev, V.A. 48323

Krymski, A. Offset-calibration current readout for LWIR photodiode FPA 17466

Krymski, A., Meynants, G. Double-logarithmic double-differentiation time-to-crash detector: A concept 15434

Krymski, A., Meynants, G. Sensor for computing velocities of multiple objects moving along a line 17471

Krymsky, A.I., Marchishin, I.V., Feklistov, K.V., Cherepov, E.I. Compensating readout from far-infrared CMT photodiodes based on a dynamic current mirror 33267

Krymsky, A.I. *see* Vasilyev, V.V. 36550

Krynke, M. Time-suboptimal variable structure control of DC drive system 51720

Krynska, D. *see* Kaniewska, M. 3816

Krynska, D. *see* Kaniewska, M. 14118

Krysa, A.B. *see* Gurskii, A.L. 22364

Krysa, A.B. *see* Kozlovskii, V.I. 12719

Krysa, A.B. *see* Kozlovskii, V.I. 44479

Kryshkin, V.I., Turchanovich, L.K., Vasil'chenko, V.G. Light yield dependence of a plastic scintillator excited with UV laser and radioactive source on radiation dose 37279

Kryshtab, T.G., Mazin, M.A., Prokopenko, I.V., Semenova, G.N. Mechanism of strain relaxation and defect introduction in Ge-GaAs heterostructure: influence of ultrasound treatment 42095

Kryshtab, T.G. *see* Venger, E.F. 48567

Kryska, P.M. *see* Mahn, J.A. 38558

Krystek, M. Form filtering by splines 4832

Krystek, M. Bias error in phase correct 2RC filtering in roundness measurement 17764

Krystek, M. Discrete L-spline filtering in roundness measurements 17765

Krystek, M. *see* Hillmann, W. 48887

Krystek, W. *see* Tamargo, M.C. 21243

Kryszewski, M. *see* Jeszka, J.K. 22321

Kryszewski, M. *see* Wrobel, A.M. 31791

Kryuchenko, Y.V. *see* Litovchenko, V.G. 53926

Kryuchkov, A.N. *see* Erofeenko, V.T. 4234

Kryuchkov, S.V., Popov, K.A. On the feasibility of making a soliton filter based on a quantum-well superlattice 32019

Kryuchkyan, G.Yu., Kheruntsyan, K.V. Critical phenomena and quantum statistics in the four-wave interaction 33689

Kryukov, P.G. Solid-state lasers with a high peak and average power pumped by 1.3-μm laser radiation 55585

Kryzak, C. *see* Nagarajan, R. 41718

Kryzhanovskii, V.G., Rassokhina, Y.V. Analysis of waveguide-microstrip junction 4326

Krzeminski, R., Zwas, F., Esper, P., Pienta, K. Electroretinographic findings in subjects after administration of fenretinide 28337

Krzeminski, Z. Estimation of induction motor speed in fuzzy logic system 60748

Krzeminski, Z., Bogalecka, E., Kempny, Z. Generation of variable torque in drive with error of dynamical gear ratio 9618

Krzesinski, A.E. *see* Berezner, S.A. 5830

Krzesinski, A.E. *see* Berezner, S.A. 52420

Krzhimovsky, V.I. *see* Tarbeyev, Yu.V. 27240

Krzymien, W.A. *see* Qiang Shen 6623

Krzymien, W.A. *see* Tomba, L. 6614

Krzysiak, D. *see* Kaminski, R.L. 16771

Krzyszton, J. Neural network application for the optimization of fuel cost in power plants 50763

Krzyzak, A. *see* Skubalska-Rafajlowicz, E. 5355

Krzyzanowski, P. *see* Agrawal, F. 26648

Kschischang, F.R. The trellis structure of maximal fixed-cost codes 24696

Kschischang, F.R. Rectangular codes and biproper trellises 45638

Kschischang, F.R. *see* Abdulmajeed, S. 45525

Kschischang, F.R. *see* Horn, G.B. 24711

Kschischang, F.R. *see* Lee, R.C.-K. 4511

Kschischang, F.R. *see* Sajadieh, M. 6502

Kschischang, F.R. *see* Sajadieh, M. 45528

Kschischang, F.R. *see* Vardy, A. 24709

Kschischang, F.R. *see* Zhang, S. 45639

Ksenofontov, E.A. *see* Elizavetin, I.V. 18815

Ksenofontov, S.M. *see* Voronetskii, E.V. 40924

Kshemkalyani, A. *see* Samaras, G. 46727

Kshirsagar, M. *see* Veeraraghavan, M. 5780

Kshirsagar, S.T. *see* Kumbhar, A.A. 1983

Ksiazek, L. *see* Baszun, M. 13315

Ksiazkiewicz, A. *see* Cybulski, G. 18194

Ksouri, M. *see* M'hiri, R. 60446

Ksvitashev, K.K., Shvets, V.A., Mardezhov, A.S., Dvoretsky, S.A., Sidorov, Yu.G., Spesivtsev, E.V., Rykhlitsky, S.V., Chikichev, S.I., Pridachin, D.N. Ellipsometry in the technology of cadmium-mercury-telluride alloy synthesis 30780

Ku, B.S. Use of TMN for SONET/SDH network management 35628

Ku, C.-W., Lin, G.-S., Chen, L.-G., Lee, Y.-P. Architecture design of motion estimation for ITU-T H.263 58050

Ku, C.-W. *see* Chiu, Y.-M. 17234

Ku, D.N. *see* Siegel, J.M., Jr. 8026

Ku, J. *see* Agostino, T. 30186

Ku, S.-Y. *see* Lee, J.-H. 11581

Ku, T.K., Chen, S.H., Yang, C.D., She, N.J., Tarntair, F.G., Wang, C.C., Chen, C.F., Hsieh, I.J., Cheng, H.C. Enhanced electron emission from phosphorus- and boron-doped diamond-clad Si field emitter arrays 41740

Ku, W.H. *see* Ffrench, P.A. 35292

Ku, W.H. *see* Kong, S.K. 21774

Ku, W.H. *see* Wei, P.C. 34782

Ku, Y.S., Chuang, C.S., Hsu, C.M., Tsay, R.J., Chan, J.C. The study of photon induced quantized current using an STM 27250

Ku, Y.S., Hsu, J.C.M., Chuang, C.S., Tsay, R.J., Chan, J.C. Precision measurement of capacitance bridge ratios for standard transfer 27291

Ku Chen-Tzung *see* Yang Chen-Kuang 50535

Ku Chin-Fu *see* Chin-Fu Ku

Ku Chung-Wei *see* Chung-Wei Ku

Ku Fu-Nian *see* Fu-Nian Ku

Ku Haoping *see* Haoping Ku

Ku Hwang Seung *see* Seung Ku Hwang

Ku Ja-Hum *see* Ja-Hum Ku

Ku Kim Sang *see* Sang Ku Kim

Ku Pei-Cheng *see* Pei-Cheng Ku

Ku Rhee Bum *see* Bum Ku Rhee

Kuah, T.H., Yeung, P.H., Vath, C.J., III, Srikanth, N. Flow modeling of PQFP during transfer molding 20873

Kuah Shao-Hong *see* Shao-Hong Kuah

Kuai Junz Ho *see* Tien Sheng Chao 32391

Kuan Chieh-Hsiung *see* Chieh-Hsiung Kuan

Kuan Hsich Mei *see* Mei Kuan Hsich

Kuan Liu Yang *see* Yang Kuan Liu

Kuan Min Lee *see* Ruey-Shi Chu 34456

Kuan Min Lee *see* Wang, A.T.S. 34418

Kuan Wong *see* Sellami, L. 53473

Kuan-Dar Chen *see* Tai-Haur Kuo 41363

Kuan-Jen Lin, Chi-Wen Kuo On synthesis of speed-independent circuits at STG level 41086

Kuan-Lun Cheng, Huang-Chung Cheng, Wen-Horng Lee, Chiapyng Lee, Chih-Chien Liu, Tri-Rung Yew Deposition of polycrystalline β-SiC films on Si substrates at room temperature 21339

Kuan-Shen An *see* Shih, T.K. 26361

Kuan-Yu Fu, Tsang, Y.L. Punchthrough currents in sub-micron short channel MOS transistors 43004

Kuan-Yu Fu, Tsang, Y.L. On the punchthrough phenomenon in submicron MOS transistors 54656

Kuan-Zong Fung *see* Tanner, C.W. 51550

Kuang, D., Schutz, B.E., Watkins, M.M. On the structure of geometric positioning information in GPS measurements 36069

Kuang, G. *see* Su, Y. 26946

Kuang, J. *see* Boggs, S. 32713

Kuang, J. *see* Jiang, G. 43531

Kuang, J.B. *see* Lu, P.F. 11278

Kuang Anxiang *see* Bao Dinghua 32669

Kuang Anxiang *see* Gu Haoshuang 3318

Kuang Anxiang *see* Anxiang Kuang

Kuang Bo *see* Kuang Longhai 58956

Kuang Jinbo *see* Jinbo Kuang

Kuang Klark Fan, Jayasumana, A.P. Policing function in ATM network using multi-layer neural network 57565

Kuang Longhai, Kuang Bo Microwave photoconductivity spectrometer 58956

Kuang Shiann-Rong *see* Shiann-Rong Kuang

Kuang Yalei *see* Yalei Kuang

Kuang-Chien Chen *see* Shi-Yu Huang 13122

Kuang-Chien Chen *see* Shi-Yu Huang 31242

Kuang-Chien Chen *see* Shi-Yu Huang 40811

Kuang-Chien Hsieh *see* Wein-Town Sun 42382

Kuang-Shyr Wu, Ja-Chen Lin An efficient nearest neighbor searching algorithm with application to LBG codebook generation 45604

Kuang-Yao Pong, Long-Ching Wang, Slattery, J.C. A new theory for silicon oxidation 2349

Kuang-Yeh Wang *see* Dube, R. 47001

Kuang-Yi Wu *see* McLeod, R.R. 16510

Kuang-Yu Hsu, Ssu-Pin Ma, Kun-Fa Chen, Shiao-Min Tseng, Jen-I Chen Surface-polariton fiber polarizer: design and experiment 55224

Kuang-Yu Hsu *see* Shiao-Min Tseng 55215

Kuanhiang Kwek *see* Yeeping Yap 13985

Kuanr, B.K. Effect of the strong relaxer cobalt on the parallel and perpendicular pumping spin-wave instability threshold of LiTi ferrites 32817

Kuansan Wang, Chin-Hui Lee, Biing-Hwang Juang Selective feature extraction via signal decomposition 25512

Kub, F.J., Justh, E.W. High frequency analog circuits implementation of tapped delay-lines and the LMS algorithm 31154

Kub, F.J., Lin, H.C. High dynamic range, low-noise floating-gate photosensor 48553

Kub, F.J. *see* Anderson, G.W. 33269

Kub, F.J. *see* Hobart, K.D. 1714

Kub, F.J. *see* Potyraj, P.A. 21924

Kuba, A. *see* Yoshikawa, H. 49102

Kubala, T. *see* Fisher, M.V. 37551

Kuball, M. *see* Jeon, E.S. 12503

Kuban, K.C.K.K. *see* Helmers, S.L. 59639

Kubarev, V.A. Electron-beam autophasing and trapping in an anomalous Doppler maser with distributed radiation extraction 33348

Kubarev, V.A. Theory of anomalous Doppler effect-based maser with distributed radiation extraction 33351

Kubasta, J. *see* Vylov, T. 7833

Kubat, R. *see* Campajola, L. 7751

Kubbar, O., Mouftah, H.T. Traffic classification and resource allocation in ATM networks 16030

Kubena, R.L., Atkinson, G.M., Robinson, W.P., Stratton, F.P. A new high-performance surface-micromachined tunneling accelerometer fabricated using nanolithography 23050

Kubert, C., Michaelis, G., Nevedel, P. Modernisation of meter data collection and meter data processing at UUZ in Lulsfeld 8984

Kubiak, G.D. *see* Nguyen, K.B. 32401

Kubiak, P., Azmani, A., Dauphin-Tanguy, G. Generalization of the recurrent decomposition method of a multiport element for bond graph models 21063

Kubiak, T. *see* Witczak, P. 50965

Kubica, J.M. *see* Szymanski, M. 55722

Kubicek, H. Information society or information economy? A critical analysis of German information society politics 25987

Kubicek, S. *see* Biesemans, S. 2652

Kubichek, R. *see* Chiyi Jin 15043

Kubichek, R. *see* Jin, C. 14883

Kubichek, R.F. *see* Jacquot, R.G. 52018

Kubichek, R.F. *see* Kourouniotis, F.P. 25176

Kubicki, T. *see* Braunschweig, W. 7808

Kubik, K. *see* Reeves, R. 57345

Kubin, G. Synthesis and coding of continuous speech with the nonlinear oscillator model 14913

Kubina, S.J. *see* Sultan, N. 34325

Kubinyi, M., Benkoe, N., Grofcsik, A., Jones, W.J. Determination of the thickness and optical constants of thin films from transmission spectra 44170

Kubitz, O. *see* Berger, M.O. 47627

Kubler, L. *see* Simon, L. 813

Kubler, L. *see* Simon, L. 30811

Kubler, O. *see* Neuenschwander, W. 46419

Kubler, O. *see* Spirig, T. 53350

Kubler, O. *see* Szekely, G. 37683

Kubler, R. *see* Fisch, N. 60594

Kubo, H. *see* Ishizuka, H. 1920

Kubo, H. *see* Miyashita, T. 41013

Kubo, H. *see* Nagayasu, T. 47707

Kubo, K., Ichikawa, M., Okudai, S. Steps in developing environment-friendly residential lighting products 39407

Kubo, K., Ojima, S., Toda, M., Ohmi, T. Study on megasonic in advanced wet cleaning process 42460

Kubo, K., Shibuya, S. Analog TCXO using one chip LSI for mobile communication 11221

Kubo, K. *see* Decker, F.-J. 37122

Kubo, K. *see* Kashiwagi, S. 49209

Kubo, K. *see* Meuris, M. 42475

Kubo, K. *see* Shintake, T. 37131

Kubo, K. *see* Toda, M. 42459

Kubo, M. *see* Fukunaga, N. 23464

Kubo, M. *see* Kanazawa, K. 18384

Kubo, O. *see* Takahashi, M. 19511

Kubo, S. *see* Nakashima, T. 21946

Kubo, S. *see* Ohkubo, K. 45308

Kubo, S. *see* Suematsu, N. 21961

Kubo, T. *see* Dohi, Y. 40988

Kubo, T. *see* Okino, Y. 43917

Kubo, T. *see* Yamada, S. 23458

Kubo, U. *see* Hayashi, K. 54917

Kubo, Y. *see* Kishida, T. 19787

Kubodera, S. *see* Kitahara, M. 29871

Kubokawa, J. *see* Ishikawa, F. 28724

Kubokawa, J. *see* Kawahara, K. 28845

Kubono, T. *see* Kato, T. 4197

Kubono, T. *see* Kobayashi, A. 11832

Kubono, T. *see* Kobayashi, A. 22002

Kubono, T. *see* Kobayashi, A. 22010

Kubono, T. *see* Takeuchi, M. 11797

Kubono, T. *see* Takeuchi, M. 22003

Kuboschek, M. *see* Otterstedt, J. 21740

Kubota, C. *see* Ueno, A. 37029

Kubota, F. *see* Minemura, K. 6592

Kubota, H., Matsuse, K. The improvement of performance at low speed by offset compensation of stator voltage in sensorless vector controlled induction machines 29707

Kubota, H., Sato, M., Miyazaki, T. Anomalous temperature dependence of the giant magnetoresistance in Ni/Cu, $Ni_{95}Co_5$/Cu and $Ni_{95}Fe_5$/Cu multilayer films 55041

Kubota, H. *see* Asai, Y. 28165

Kubota, H. *see* Koinuma, H. 52609

Kubota, H. *see* Maeda, S. 20968

Kubota, H. *see* Mitsuishi, M. 37840
Kubota, H. *see* Nakazawa, M. 55216
Kubota, H. *see* Takigawa, A. 28166
Kubota, H. *see* Yamada, E. 48003
Kubota, H. *see* Yata, S. 11765
Kubota, H. *see* Yoshimi, M. 11455
Kubota, K., Suzuki, C., Okuyama, K., Suzuki, N. Gate oxide field design in the sub-10 nm region 54815
Kubota, K. *see* Kamohara, S. 12648
Kubota, K. *see* Nakasu, E. 17035
Kubota, K. *see* Torikai, T. 58094
Kubota, M. *see* Mikawa, M. 36115
Kubota, M. *see* Mizuno, B. 2323
Kubota, M. *see* Mori, H. 37762
Kubota, M. *see* Yamashita, Y. 18360
Kubota, N., Shimojima, K., Fukuda, T. The role of virus infection in a virus-evolutionary genetic algorithm 30513
Kubota, S. Effects of ambient lighting conditions on luminance contrast and color gamut of displays with different technologies 58917
Kubota, S., Dobashi, A., Suzuki, M., Hasumi, T., Kato, S. Improved ADPCM voice signal transmission employing click-noise detection scheme for TDMA-TDD personal communication systems 36008
Kubota, S., Wiechmann, W., Liu, L.Y., Oka, M., Kikuchi, H., Suganuma, H., Masuda, H., Takeda, M. Efficient all-solid-state 213 nm laser source for microlithography 2475
Kubota, S. *see* Borges, F.I.G.M. 55402
Kubota, S. *see* Higashi, T. 44581
Kubota, S. *see* Kaneda, Y. 14027
Kubota, S. *see* Kawazoe, K. 16406
Kubota, S. *see* Kobayashi, K. 36056
Kubota, S. *see* Kumagai, T. 47782
Kubota, S. *see* Yang, S.T. 3747
Kubota, T., Alford, C.O. Computation of orientational filters for real-time computer vision problems. II. Multi-resolution image decomposition 4931
Kubota, T., Nakano, H., Koshiji, K., Shu, E., Suzuki, M., Kikuchi, I. Application of high power sensor to microwave oven: defrosting detection of frozen foods 39439
Kubota, T., Nishii, T., Sato, Y., Nakanishi, K., Tamura, S. 3-D shape reconstruction of articular cartilage of femoral head from MR images on multiple planes 49428
Kubota, T., Ueda, H. Compact display system for hologram 44795
Kubota, T., Umehara, N., Iida, K., Shimura, T., Kuroda, K. Generation of an ultrahigh-repetition-rate pulse by an array illuminator 3439
Kubota, T. *see* Iwabuchi, K. 39440
Kubota, T. *see* Wu, A. 33299
Kubota, Y. *see* Hombu, M. 60698
Kubota, Y. *see* Iida, S. 38839
Kubota, Y. *see* Kamigaito, H. 51249
Kubota, Y. *see* Noguchi, H. 22683
Kubota, Y. *see* Shirasaki, T. 22649
Kubota, Y. *see* Wada, H. 60893
Kuboyama, H., Fujii, H., Ishida, M., Kuramae, K., Nakamori, M., Akimoto, M. Management software for LAN and wiring systems 16260
Kubozono, R., Gomi, K., Kinohara, S., Inagaki, M., Matsuura, Y. "Browse search using audio key-information" for multimedia on-demand systems 16411
Kubuki, M., Yoshimoto, R., Yoshizumi, K., Tsuru, S., Hara, M. Estimation of dc breakdown mechanisms in air gaps containing floating metallic particles 54907
Kubuki, M. *see* Tsuru, S.-I. 31678
Kubyshkin, A.P. *see* Arnold, W. 11009
Kubyshkina, T.V. *see* Kir'yanov, K.G. 7609
Kuc, R. Fusing binaural sonar information for object recognition 27093
Kucer, P., Chrabaszcz, I., Altus, J., Spanik, P., Dobrucky, B. Comparison of several types of speed controllers with the kind based on fuzzy logic 9622
Kucer, P. *see* Chaloupka, F. 38744
Kucer, P. *see* Dobrucky, B. 51715
Kucer, P. *see* Racek, V. 51697
Kucera, C. *see* McCartney, R. 18618
Kucera, M. *see* Kudela, R. 52634
Kucerovsky, Z. A closed solution for the corona field and charge transfer phenomena and the transformation of the results into an arbitrary electrode system 33811
Kucerovsky, Z., Inculet, I.I., Benko, M.F., McGinty, D.J. Corona measurements in exotic media 32596
Kucerovsky, Z., Inculet, I.I., Benko, M.F., McGinty, D.J. An instrumental method for the determination of corona characteristics in accurately-defined media 32645
Kucerovsky, Z. *see* Greason, W.D. 36482
Kucerovsky, Z. *see* Greason, W.D. 38431
Kucerovsky, Z. *see* Greason, W.D. 55963
Kuch, D.J. *see* Bruno, J.G. 38115
Kuchar, F. *see* Lutz, J. 2677
Kuchar, F. *see* Lutz, J. 43003
Kucharczyk, R. *see* Steslicka, M. 31852
Kucharska, M. *see* Pawluk, K. 4293
Kuchcinski, K. *see* Eles, P. 1325
Kuchcinski, K. *see* Eles, P. 31043
Kuchcinski, K. *see* Eles, P. 40965
Kucheiko, S., Hyun-Jai Kim, Seok-Jin Yoon, Hyung-Jin Jung Effect of ZnO additive on microstructure and microwave dielectric properties of $CaTi_{1-x}(Fe_{0.5}Nb_{0.5})_xO_3$ ceramics 32667
Kuchem, R., Wagner, D. Wiring edge-disjoint layouts 52960
Kuchen, F. *see* Becker, T.C. 7038
Kuchenbecker, H.-P. *see* Pauli, M. 47083
Kuchenkov, A.V. *see* Akimov, D.Yu. 37245
Kucherenko, M.G., Ketsle, G.A., Ketsle, E.G. Application holography to measuring static annihilation of excited centers 14476
Kucherov, A.N. Transient thermal blooming of a vertical laser beam 44619
Kucherov, R.Ya. *see* Gontar, A.S. 20075
Kucherov, V.A. A simple way for Solc filter synthesis 23647
Kuchii, T., Hashizume, M., Tamesada, T. Algorithmic test generation for supply current testing of TTL combinational circuits 53134
Kuchii, T. *see* Hashizume, M. 11411
Kuchinskii, P.V., Lisovskii, G.A., Savenok, E.D. Effect of technological annealing temperature on radiation-induced changes in the electrical properties of MOS(Si) structures 12982
Kuchinskii, S.A. *see* Sukhanov, V.I. 14414
Kuchinskii, V.I. *see* Sokolovskii, G.S. 44232
Kuchinsky, V.B., Mirotvorsky, V.O., Stishkov, Y.K. Non-linear optical electrohydrodynamic effect (OEHD-effect) in liquid dielectric 23152
Kuchlmann, A. *see* Krohm, F. 1055
Kuchnir, M., Champion, M.S., Koepke, K.P., Misek, J.R. Cryostat for testing RF power couplers 49019
Kuchta, D.M. *see* Pezeshki, B. 17360
Kuchta, F.L. *see* Cinquemani, P.L. 50591
Kuchuganov, V.N. Verbalization principles and the synthesis of images of three-dimensional scenes 34985
Kuck, H., Doleschal, W., Gehner, A., Grundke, W., Melcher, R., Paufler, J., Seltmann, R., Zimmer, G. Deformable micromirror devices as phase-modulating high-resolution light valves 13164
Kuck, H. *see* Gottfried-Gottfried, R. 13156
Kuck, H. *see* Hurrich, A. 21945
Kuck, H. *see* Muller, M. 17356
Kuck, S. *see* Ostroumov, V.G. 3801
Kuck Oh Hee *see* Hee Kuck Oh
Kucur, O., Atkin, G.E. Scale-time-code-division multiple access (STCDMA) 57602
Kucwaj, J. Delaunay triangulation of surfaces 652
Kuczborski, W. *see* Mehnert, A. 56921
Kuczka, J.H. *see* Cole, M. 39679
Kudakov, A.D. *see* Bi, D.Y. 23303
Kudakov, A.D. *see* Zubov, V.E. 3217
Kudchadker, R., Kunze, J.F., Harmon, J.F. Accelerator designs that balance distance with energy and moderator dimensions 8114
Kudeki, E. *see* Aarons, J. 24485
Kudeki, E. *see* Thorsen, D. 60050
Kudela, R., Novak, J., Kucera, M. Zn-doped InGaP grown by the LP-MOCVD 52634
Kudenko, Yu.G. *see* Dementyev, D.V. 37249
Kudija, C.T. Engine Ground Demonstration test approach 18738
Kudinov, A.A. *see* Brazhkin, B.S. 17212
Kudlich, E. *see* Kocha, S. 17568
Kudo, D. *see* Doi, H. 2912
Kudo, H. *see* Anan, T. 25260
Kudo, H. *see* Anan, T. 25717
Kudo, H. *see* Higuchi, K. 13016
Kudo, H. *see* Saito, T. 13388
Kudo, H. *see* Saito, T. 15931
Kudo, I., Nakama, T., Watanabe, T. An estimation of speaker sampling in Voice Across Japan database 14991
Kudo, I. *see* Minagawa, H. 33856
Kudo, J. *see* Hara, T. 12759
Kudo, J. *see* Onishi, S. 43589
Kudo, K., Sasaki, T., Yamaguchi, M. Migration-controlled narrow-stripe selective MOVPE for high-quality InGaAsP/InGaAsP MQWs 52644
Kudo, K. *see* Shima, T. 12445
Kudo, K. *see* Shima, T. 12652
Kudo, K. *see* Shima, T. 12696
Kudo, K. *see* Shima, T. 32123
Kudo, K. *see* Takeda, N. 37403
Kudo, K. *see* Toyokawa, H. 37522
Kudo, K. *see* Ueno, A. 37029
Kudo, M., Shimbo, M. Selection of classifiers based on the MDL principle using the VC dimension 4913
Kudo, M. *see* Higuchi, K. 54414
Kudo, M. *see* Takazawa, H. 32441
Kudo, S., Sugawara, S., Wakatuki, N. Finite element analysis of single crystal tuning forks for gyroscopes 13356
Kudo, S. *see* Konno, M. 2992
Kudo, T., Hirano, A., Miike, H. Recovering 3D shape and texture from continuous focus series: using a polarized filter 56974
Kudo, T. *see* Li Yongming 29595
Kudo, T. *see* Yonekura, Y. 59475
Kudo, Y. *see* Fuse, M. 27169
Kudo, Y. *see* Kawashima, S. 16710
Kudoh, H., Celina, M., Kayel, R.J., Gillen, K.T., Clough, R.L. Response of alanine dosimeters at very high dose rate 59842
Kudoh, K. *see* Kitazima, I. 14038
Kudoh, T., Ikebe, S., Satow, H., Komatsu, K., Kimura, M. A highly sensitive thermistor bolometer for a clinical tympanic thermometer 37638
Kudoh, T. *see* Nishi, H. 43355
Kudoh, T. *see* Torikai, T. 58094
Kudoh, Y., Kojima, T., Fukuyama, M., Tsuchiya, S., Yoskimura, S. Covering anodized aluminum with electropolymerized polypyrrole via manganese oxide layer and application to solid electrolytic capacitor 11758
Kudou, T. *see* Ohyama, H. 23685
Kudou, T. *see* Ohyama, H. 42920
Kudou, Y., Hotta, H., Matsukura, W., Nakaya, S. Development of receptacle type dual optical module 16793
Kudoyarova, V.K. *see* Gusev, O.B. 22203
Kudoyarova, V.Kh. *see* Golikova, O.A. 10835
Kudrak, E.J. *see* Abys, J.A. 926
Kudrak, E.J. *see* Abys, J.A. 30845
Kudravtzeva, T.V. *see* Grekhov, I.V. 2295
Kudri, S.R.T., Warner, M.W. Relations between the good definitions of compactness in L-fuzzy topological spaces 40048
Kudrin, A.V. *see* Zaboronkova, T.M. 45422
Kudrin, A.V. *see* Zaboronkova, T.M. 45423
Kudrin, V.A. *see* Ptitsyna, N.G. 28456
Kudrja, V.P. *see* Lucas, K.D. 2522
Kudryashov, A.V., Shmalhausen, V.I. Semipassive bimorph flexible mirrors for atmospheric adaptive optics applications 24490
Kudryashov, V.A., Krasnov, V.V., Prewett, P.D., Hall, T.J. Low energy electron beam lithography: pattern distortion by charge trapped in the resist 42834
Kudryashov, V.A., Krasnov, V.V., Prewett, P.D., Hall, T.J. Process latitude enhancement for 3D structure formation in e-beam lithography 42876
Kudryashov, V.P. *see* Grigoriev, Y.A. 53942
Kudryavtsev, A.V. Frequency-controllable electric drives: a historical review 9597
Kudryavtsev, A.V. *see* Plekhanov, A.V. 14538
Kudryavtseva, A.D., Sokolovskaya, A.I., Tcherniega, N.V. Filtration of frequencies in the three-dimensional spectrum of an object with the use of nonlinear-optics phenomena: a technique for the real-time optical-image processing 4989
Kudryavtseva, T.V. *see* Argunova, T.S. 12792
Kudryavtseva, T.V. *see* Grekhov, I.V. 22324
Kudryavtzeva, T.V. *see* Kim, E.D. 41852
Kudumakis, P. *see* Sandler, M.B. 47393
Kudva, P., Throckmorton, A. Preliminary star catalog development for the Earth Observation System AM1 (EOS-AM1) mission 18591
Kudyk, K. *see* Wasik, D. 22232
Kueblbeck, C. *see* Wagner, T. 25668
Kuech, T.F., Perkins, N.R. Metalorganic vapor phase epitaxy of II-VI materials for visible light emitters 10763
Kuech, T.F. *see* Booker, G.R. 52669
Kuech, T.F. *see* Edwards, N.V. 41982
Kuech, T.F. *see* Geisz, J.F. 42543
Kuech, T.F. *see* Huang, J.W. 2316
Kuech, T.F. *see* Ingerly, D.B. 21330
Kuech, T.F. *see* Jutong Liu 10679
Kuech, T.F. *see* Li Jiang 40359
Kuech, T.F. *see* Liu, Q.Z. 40305
Kuech, T.F. *see* Liu, Q.Z. 42250
Kuech, T.F. *see* Liu Jutong 40456
Kuech, T.F. *see* Perkins, N.R. 21278
Kuech, T.F. *see* Ryan, J.M. 22260
Kuech, T.F. *see* Safvi, S.A. 10792
Kuech, T.F. *see* Thon, A. 21258
Kuechenmeister, F., Meusel, E. Polypyrrole as an interlayer for bonding conductive adhesives to activated aluminum bond pads 39781
Kueck, J.D. *see* Hsu, J.S. 29339
Kueck, S. *see* Ostroumov, V.G. 55897
Kuehl, C.S. Applying emerging digital video interface standards to airborne avionics sensor and digital map integrations: Benefits outweigh the initial costs 8578
Kuehn, M. *see* Ellrodt, M. 40632
Kuehn, U. *see* Mueller, M. 3083
Kuehn, U. *see* Mueller, M. 23310
Kuehn, W. *see* Schicker, R. 18140
Kuehne, J. *see* Chatterjee, A. 54800
Kuehne, J.W. *see* Hattangady, S.V. 42554
Kuehne, S.C., Chau, A., Nguyen, C.T., Wong, S.S. Deep sub-micron SOI MOSFET with buried body strap 22813
Kuehne, S.C. *see* Chi-Man Ng 12928
Kuehne, S.C. *see* Leung, Y.K. 22819
Kuehne, S.C. *see* Ying-Keung Leung 12990
Kuehnel, T. *see* Chandrasekhar, R. 26186
Kuehnel, T. *see* Passas, N.I. 26596
Kuekes, P. *see* Culbertson, W.B. 28147
Kuen Fang Yean *see* Yean Kuen Fang
Kuen Lee Jenq *see* Jenq Kuen Lee
Kuen Leung Chi *see* Chi Kuen Leung
Kuen-Cherng Lin, Wei-Ching Chuang, Wei-Yu Lee Proposal and analysis of an ultrashort directional-coupler polarization splitter with an NLC coupling layer 3443
Kuen-Cherng Lin, Wei-Yu Lee A dual-channel wavelength multiplexer/demultiplexer based on the restricted-resonance self-imaging effect 36190
Kuen-Cherng Lin *see* Kun-Yi Lee 26457
Kuen-Cherng Lin *see* Po-Lun Chen 44102
Kuen-Hsien Wu *see* Jyh-Jier Ho 36556

Kuen-Jong Lee, Jing-Jou Tang Two modeling techniques for CMOS circuits to enhance test generation and fault simulation for bridging faults 53133
Kuen-Jong Lee, Jing-Jou Tang, Tsung-Chu Huang, Cheng-Liang Tsai Combination of automatic test pattern generation and built-in intermediate voltage sensing for detecting CMOS bridging faults 53126
Kuen-Jong Lee, Kou-Shung Huang, Wei-Chung Wang Concurrent test method for OTA-C filters 21792
Kuen-Ru Chuang *see* Ching-Ian Chao 13863
Kuendig, A. *see* Dietrich, T. 40416
Kuenhold, K.A. *see* Knick, D.C. 54074
Kuenhold, K.A. *see* Tomar, M.S. 54918
Kuenzler, H. *see* Valladares, C.E. 24484
Kuessel, E. *see* Althaus, M. 10634
Kuetgens, U. *see* Martin, J. 27199
Kuffel, E. *see* Zhao, D.P. 2972
Kuffel, E. *see* Ziomek, W. 32694
Kuffel, E. *see* Ziornek, W. 60956
Kuffel, J. *see* Chisholm, W.A. 8927
Kuffel, P., Kent, K., Irwin, G. The implementation and effectiveness of linear interpolation within digital simulation [of power systems] 50411
Kuffel, R., Giesbrecht, J., Maguire, T., Wierckx, R.P., McLaren, P.G. A fully digital power system simulator operating in real time 19053
Kuffer, K. The European electricity market in transition 8793
Kufner, M., Kufner, S. Fabrication of monolithic integrated fiber-lens connector arrays by deep proton irradiation 55184
Kufner, S. *see* Kufner, M. 55184
Kuftin, A.N. *see* Lygin, V.K. 53987
Kuga, N., Arai, H., Goto, N. A notch-wire composite antenna for polarization diversity reception 35942
Kuga, Y., Le, C.T.C., Ishimaru, A., Ailes-Sengers, L. Analytical, experimental, and numerical studies of angular memory signatures of waves scattered from one-dimensional rough surfaces 18801
Kuga, Y. *see* Gulfu Zhang 48039
Kuga, Y. *see* Ishimaru, A. 4222
Kuga, Y. *see* Ishimaru, A. 8382
Kuga, Y. *see* Tsz-King Chan 8383
Kuga, Y. *see* Zhang, G. 50237
Kuga Yasuo *see* Yasuo Kuga
Kugai, K. *see* Kiyohara, Y. 27677
Kuge, H., Akiyama, T., Suda, S., Yamauchi, F., Sakaguchi, R. The application of visually handicapped persons guiding system in Japan and Sweden 59825
Kuge, N., Ueno, H. Analysis of driving behavior in following and advanced advisory of emergency braking 61314
Kugele, R., Roth, W., Schulz, W., Steinhuser, A. Thermoelectric generators in photovoltaic hybrid systems 38664
Kugelmann, B. Parallel computation of feedback controls in aerospace engineering 8278
Kugelmass, S.M., Mitchell, J., Poreda, J. Exposure of 895i resist using a vector scan Gaussian electron beam lithography system 22655
Kugi, A., Haas, W. Control of electric drives. I. Nonlinear design methods 9604
Kugi, A. *see* Haas, W. 9605
Kugimiya, T. *see* Shibahara, K. 43064
Kuginuki, Y. *see* Li, D. 59477
Kugler, A. The setup for triangle rasterization 11480
Kugler, A. Designing a high performance texturing circuit 46411
Kugler, H. *see* Bourgeois, M. 49273
Kugler, H. *see* Collier, J. 18076
Kugler, H. *see* Esin, S.K. 37133
Kugler, H. *see* Feschenko, A.V. 37134
Kugler, H. *see* Haseroth, H. 49278
Kugler, H. *see* Mroz, W. 59182
Kugler, T.R. Fiber delivers the goods for Nd:YAG applications 23831
Kuh, A. Comparison of tracking algorithms for single layer threshold networks in the presence of random drift 45744
Kuh, A. *see* Chengan Guo 40023
Kuh, E.S., Mao, J.F., Wang, M.L. Interconnect simulation based on passivity and method of characteristics 54776
Kuh, E.S. *see* Buch, P. 22986
Kuh, E.S. *see* Buch, P. 54823
Kuh, E.S. *see* Esbensen, H. 1078
Kuh, E.S. *see* Han Yang Foo 52990
Kuh, E.S. *see* Hong Xianlong 52984
Kuh, E.S. *see* Jun-Fa Mao 11121
Kuh, E.S. *see* Jun-Fa Mao 54764
Kuh, E.S. *see* Qingjian Yu 4304
Kuh, E.S. *see* Xue, T. 11103
Kuhara, K. *see* Ohfuji, T. 32273
Kuhara, S. *see* Kanayama, S. 7993
Kuhara, S. *see* Suzuki, H. 21673
Kuhara, S. *see* Toyoshima, H. 1333
Kuhara, Y., Fujimura, Y., Nakanishi, H., Iguchi, Y., Terauchi, H., Yamabayashi, N., Ishiguro, Y., Kanamori, H. Optical WDM transceiver module using wavelength-selective coupler and WDM-PD for optical access networks 58275
Kuhara, Y., Fujimura, Y., Nakanishi, H., Iguchi, Y., Terauchi, H., Yamabayashi, N., Ishiguro, Y., Kanamori, H. Optical WDM transceiver module using wavelength-selective coupler and WDM-PD for optical access networks 58392
Kuhara, Y., Fujimura, Y., Nishiyama, N., Michituji, Y., Terauchi, H., Yamabayashi, N. Characterization and theoretical analysis of second-order intermodulation distortion of InGaAs/InP p-i-n photodiode modules for fiber-optic CATV 58274
Kuhara, Y. *see* Nakanishi, H. 58307
Kuharenko, A.T. *see* Glushkov, I.S. 33896
Kuhbauch, W. *see* Davidson, M.J.W. 18935
Kuhbauch, W. *see* Davidson, M.W.J. 27038
Kuhharchik, P.D., Serdyuk, V.M., Titovitskii, I.A. Diffraction theory of aberrations of a holographic image 44780
Kuhhmann-Wilsdorf, D., Rijke, A.M. Surface film resistivity of Cu and Cu-alloy crosswires 11800
Kuhl, D. *see* Portnoi, E.L. 55641
Kuhl, J. *see* Buhleier, R. 33704
Kuhl, M. *see* Bell, T.E. 23032
Kuhlen, H. Archimedes mediaStar: provision of digital audio and data broadcasting services via satellite to mobile and fixed subscriber 17029
Kuhlen, H., Viola, R., Galligan, K., Fromm, H. Archimedes mediaStar: CD-audio and high-rate data broadcast services to mobile subscribers 6699
Kuhlmann, B., Aberle, A.G., Meyer, R., Hubner, A., Hampe, C., Hezel, R. Fabrication and characterisation of 662-mV open-circuit voltage high-efficiency inversion-layer silicon solar cells 39210
Kuhls, I. *see* Simon, J. 17618
Kuhmann, J.F., Hensel, H.-J., Pech, D., Harde, P., Bach, H.-G. Self-aligned, fluxless flip-chip bonding technology for photonic devices 3405
Kuhmann, J.F., Pech, D. In situ observation of the self-alignment during FC-bonding under vacuum with and without H_2 10102
Kuhmstedt, P. *see* Schreiber, W. 17768
Kuhn, D. *see* Drevermann, H. 49338
Kuhn, D.R. Sources of failure in the public switched telephone network 58067
Kuhn, E. *see* Clesca, B. 26829
Kuhn, E. *see* Haisch, H. 26831
Kuhn, E. *see* Zielinski, E. 44584
Kuhn, G. *see* Breitzke, M. 18811
Kuhn, G.M. *see* Petsche, T. 60747
Kuhn, J., Vollmer, B., Moritz, A., Heppel, S., Geng, C., Scholz, F., Hangleiter, A., Schweizer, H. Dynamic properties of GaInP multielectrode ridge-waveguide lasers 55661
Kuhn, J. *see* Geng, C. 40459
Kuhn, J. *see* Moritz, A. 55633
Kuhn, K. *see* Hurtig, E. 60568
Kuhn, M. *see* Anderson, R. 45563
Kuhn, M. *see* Hellmann, G. 49589
Kuhn, M.H. *see* Rohr, K. 15994
Kuhn, P. *see* Bridger, K. 18301
Kuhn, P.J., Schopp, M. Signalling networks for ISDN, IN and mobile networks: Modelling, analysis, and overload control 35524
Kuhn, P.J. *see* Kroner, H. 46916
Kuhn, R. *see* Noth, E. 14968
Kuhn, S. *see* Schill, A. 5876
Kuhn, S. *see* Schill, A. 16244
Kuhn, S.A., Kleiner, M.B., Ramm, P., Weber, W. Performance modeling of the interconnect structure of a three-dimensional integrated RISC processor/cache system 1465
Kuhn, S.A., Kleiner, M.B., Weber, W. Multiparallel systolic arrays for multidimensional FFT-architectures on 3D-VLSI 41202
Kuhn, S.A. *see* Kleiner, M.B. 1464
Kuhn, T., Fetter, P., Kaltenmeier, A., Regel-Brietzmann, P. DP-based wordgraph pruning 15000
Kuhn, T. *see* Fetter, P. 15052
Kuhn, V. *see* Handels, H. 37933
Kuhn, W. *see* Buttner, Th. 18407
Kuhn, W.B. Design of integrated RF bandpass filters and oscillators for low-power radio receivers 16616
Kuhn, W.S. *see* Angermeier, D. 40412
Kuhn Il Lee *see* Young Choon Kim 4947
Kuhn-Il Lee *see* Young-Choon Kim 15677
Kuhne, H. *see* Fischer, A. 721
Kuhnel, F. *see* Altmeyer, S. 2735
Kuhnel, G. *see* Kazukauskas, V. 41961
Kuhnel, G. *see* Siegel, W. 41928
Kuhnle, G. *see* Drabarek, P. 17328
Kuhnle, H. *see* Schilling, U. 17331
Kuhnle, P. *see* Tjoelker, R.L. 27324
Kuhns, W.W. *see* Laclair, R.D. 59913
Kuhns, W.W. *see* Spillman, W.B., Jr. 48599
Kuhota, R. *see* Honda, T. 29749
Kuhrt, C., Herzer, G. The residual amorphous phase in nanocrystalline soft magnetic FeSiCuNbB 3033
Kuhwald, T. *see* Iversen, K. 47998
Kuhwald, T. *see* Jugl, F. 36121
Kui Fang *see* Fang Kui
Kui Liu *see* Liu Kui
Kui Yi *see* Yi Kui
Kui Zhang, Bober, M., Kittler, J. Video coding using affine motion compensated prediction 25579
Kui Zhang, Bober, M., Kittler, J. A hybrid codec for very low bit rate video coding 56951
Kui-Nang Mak, Gururaja, J., Shearer, W. Overview of United Nations activities in the development and application of renewable sources of energy 28980
Kui-Xun Lin *see* Lin Kui-Xun
Kui-Yu Chang *see* Chatterjee, A. 22584
Kuibida, R.P. *see* Kolomiets, A.A. 49028
Kuijer, P.G. *see* Prendergast, E.P. 41731
Kuijk, D.van *see* van Kuijk, D.
Kuijk, M. *see* Ayadi, K. 23706
Kuijk, M. *see* Ayadi, K. 58379
Kuijk, M. *see* Bickel, G. 33256
Kuijk, M. *see* Heremans, P. 44317
Kuijk, M. *see* Kirk, A. 55360
Kuijper, A. *see* Bijhold, J. 56643
Kuijper, M. Interpolation and feedback in a behavioral approach 40149
Kuijper, M.P.C. *see* Foglietti, V. 58732
Kuijpers, F.A. The role of technology in future medical imaging 7920
Kuikka, J. *see* Yang, J. 28286
Kuikka, J.T. *see* Tenhunen-Eskelinen, M. 28291
Kuin Su Yan *see* Yan Kuin Su
Kuindersma, P.I. *see* Hummel, E. 16825
Kuindersma, P.I. *see* Tiemeijer, L.F. 16748
Kuiper, A. CANCAN project, an ACTS research project on charging and negotiating of contracts in ATM networks 46921
Kuiru Wang *see* Wang Kuiru
Kuittinen, M. *see* Singer, W. 3531
Kuivalainen, P. *see* Ronkainen, H. 53713
Kuivalainen, P. *see* Tarvainen, E. 54826
Kuivalainen, P. *see* Taskinen, K. 54578
Kujawinska, M. Automated Moire interferometry for local and global analysis of transient phenomena 31014
Kujawinska, M., Kosinski, C. Smart fringe image processing system 35232
Kujawinska, M., Pryputniewicz, R.J. Micromeasurements: a challenge for photomechanics 4144
Kujawinska, M., Salbut, L., Dymny, G. Polycrystalline materials studies by automatic grating interferometry 17821
Kujawinska, M., Salbut, L., Weise, S., Juptner, W.P. Determination of laser beam weldment properties by grating inteferometry method 183
Kujawinska, M. *see* Dymny, G. 36448
Kujawinska, M. *see* Kozlowska, A. 7391
Kujawinska, M. *see* Pirga, M. 17767
Kujawinska, M. *see* Pirga, M. 35238
Kujawinska, M. *see* Pryputniewicz, R.J. 31565
Kuji, N., Takeda, T., Nakamura, S., Komine, Y. Fault verification simulation for light-emission microscopy and liquid-crystal analysis 11143
Kuji, T. *see* Harada, T. 32810
Kuk, D. *see* Fillion, R. 313
Kuk Ham Young *see* Young Kuk Ham
Kuk-Jin Kim *see* Jin-Geun Son 51675
Kuk-Tae Hong, Sung-Dae Yi, Kang-Min Chung A high-speed programmable FIR digital filter using switching arrays 53446
Kukharev, N.D. *see* Sharygin, L.M. 38465
Kukharev, V.N. Alternative methods and means for pumping metal-vapor lasers 13918
Kukhlevsky, S.V., Kozma, L., Negrea, K. Pulsed-mode analysis of soft-X-ray radiation passing through capillary waveguides 13664
Kukhlevsky, S.V., Lupkovics, G., Negrea, K., Kozma, L. Guiding of femtosecond pulses by microcapillary light-pipes 23549
Kukhnovetc, V.N. *see* Raspereza, A.V. 41805
Kukhta, V., Lopatin, V. Discharge propagation in water in non-uniform field 23135
Kukhtarev, K. *see* Noginova, N. 14461
Kukhtarev, N., Caulfield, H.J., Kukhtareva, T. Photorefractivity in polymers with photoconductivity heated by electric field 13540
Kukhtarev, N., Lyuksyutov, S., Buchhave, P., Caulfield, H.J., Vasnetsov, M. Anisotropic photoconductivity and current deflection induced in $Bi_{12}SiO_{20}$ crystals by a high-contrast interference pattern 14450
Kukhtarev, N., Noginova, N., Caulfield, H.J., Kukhtareva, T., Noginov, M.A., Venkateswarlu, P., Banerjee, P.P. Material characterization by holographic current, beam coupling and spin dependent conductivity 24269
Kukhtarev, N. *see* Caulfield, H.J. 24144
Kukhtarev, N. *see* Noginova, N. 14441
Kukhtarev, N.V. *see* Banerjee, P.P. 24090
Kukhtarev, N.V. *see* Noginova, N.E. 14455
Kukhtarev, N.V. *see* Volodin, B.L. 4103
Kukhtarev, N.V. *see* Volodin, B.L. 14453
Kukhtareva, T. *see* Caulfield, H.J. 24144
Kukhtareva, T. *see* Kukhtarev, N. 13540
Kukhtareva, T. *see* Kukhtarev, N. 24269
Kukhtevich, I.V. *see* Afrov, A.M. 29036
Kukielka, G. *see* Woznicki, J. 35324
Kukiello, P. *see* Cenian, A. 55509
Kukimoto, H. *see* Honda, T. 44295
Kukimoto, H. *see* Nishida, K. 40363
Kukimoto, H. *see* Shiraishi, K. 54203
Kukimoto, H. *see* Uchida, K. 12484
Kukimoto, H. *see* Watanabe, K. 40414
Kukimoto, Y. *see* Fujita, M. 11288
Kukinski, S. *see* Domaszewicz, J. 56744
Kukjin Chun *see* Yong-Jae Lee 42864
Kukla, A.L., Shirshov, Yu.M., Piletsky, S.A. Ammonia sensors based on sensitive polyaniline films 48721
Kukla, R., Ludwig, R., Meinel, J. Overview on modern vacuum web coating technology 40532
Kukli, K., Aarik, J., Aidla, A., Siimon, H., Ritala, M., Leskela, M. In situ study of atomic layer epitaxy growth of tantalum oxide thin films from $Ta(OC_2H_5)_5$ and H_2O 52714

Kukli, K., Ihanus, J., Ritala, M., Leskela, M. Properties of Ta_2O_5-based dielectric nanolaminates deposited by atomic layer epitaxy 40404
Kuklin, D.Ye. *see* Aleksandrov, A.V. 49205
Kuklin, Ye.I. *see* Kazantsev, V.P. 31556
Kuklinski, J. *see* Serenyi, R. 61049
Kukolj, D., Popovic, D., Kulic, F., Borota, M. Power system stability assessment with combined trained artificial neural networks 19072
Kuksenko, S. *see* Frackowiak, E. 9486
Kuksenkov, D. *see* Chen, Q. 58757
Kuksenkov, D.V., Temkin, H. Polarization-related properties of vertical-cavity surface-emitting lasers 55651
Kuksenkova, D.V., Temkin, H., Lear, K.L., Hou, H.Q. Spontaneous emission factor in oxide confined vertical-cavity lasers 23885
Kukuk, B. *see* Niedernostheide, F.-J. 22906
Kukureka, S.N. *see* Hooke, C.J. 22005
Kukushkin, S.S. Theoretical principles of the construction of future telemetry systems and for acquiring and processing telemetric data 7200
Kukutsu, N. *see* Tsunetsugu, H. 42635
Kula, S. Access network evolution 47446
Kula, W. *see* Adam, R. 43827
Kula, W. *see* Shan, P.C. 7335
Kulach, C.J., Bruton, L.T., Bartley, N.R. A real-time video implementation of a three-dimensional first-order recursive discrete-time filter 1601
Kulach, C.J., Bruton, L.T., Bartley, N.R. Real-time 3-dimensional recursive digital filter for video signals 5552
Kulagin, O.V. *see* Andreyev, N.F. 14377
Kulagin, S.A. *see* Belov, S.D. 16246
Kulagin, V.V. *see* Gusev, A.V. 36510
Kulakarni, A.D. *see* Ananthapadmanabha, T. 38341
Kulakov, A.A. *see* Aleksandrov, A.V. 49205
Kulakov, M.A. *see* Zhang, Z. 30797
Kulakov, S.S., Kludzin, V.V., Gusev, O.B., Gabaraev, O.G., Nefedov, V.G., Molotok, V.V. A 1 GHz bandwidth isotropic acousto-optic cell 13744
Kulakov, S.V. *see* Kludzin, V.V. 23605
Kulakovskii, V.D., Tyazhlov, M.G., Filin, A.I., Yakovlev, D.R., Waag, A., Landwehr, G. Hierarchy of relaxation times in the system of Mn-ion spins in photoexcited semimagnetic quantum wells 2156
Kularatna, A.D.V.N., Godakumbura, S.D. Use of a voltage dip and UP simulator for testing the transient behaviour of a bipolar power transistor array based AC line voltage regulator 60882
Kulas, R.W. *see* Timpe, R.C. 60472
Kul'bachinskii, V.A., Lunin, R.A., Kytin, V.G., Bugaev, A.S., Senichkin, A.P. Electron mobilities in dimensional subbands of combinatively doped GaAs/GaAlAs heterojunctions with high density of 2D electrons 31947
Kulbachinskii, V.A., Negishi, H., Sasaki, M., Giman, Y., Inoue, M., Lostak, P., Horak, J. Thermoelectric power and scattering of carriers in $Bi_{2-x}Sn_xTe_3$ with layered structure 54139
Kulbachinskii, V.A. *see* Funagai, K. 32093
Kulchin, Y., Vitrik, O., Kirichenko, O., Kamenev, O., Petrov, Y., Maksaev, O. Method of single fiber multimode interferometers speckle-signal processing 25261
Kulchin, Y.N., Vitrik, O.A., Kirichenko, O.V., Kamenev, O.T., Petrov, Y.S., Maksaev, O.G. Method of single-fiber multimode interferometer speckle-signal processing 58821
Kulchin, Y.N., Vitrik, O.B., Romashko, R.V., Petrov, Yu.S., Kirichenko, O.V., Kamenev, O.T. Tomography methods of vector fields investigation [fibre optic sensors] 48586
Kulchin, Yu., Vitrik, O., Kirichenko, O., Petrov, Yu., Kamenev, O., Maksaev, O., Romashko, R. Fiber optic tomography measuring network for investigation of vector deformation fields of Earth surface 50005
Kulczycki, J., Wala, K. Unification of technological system elements [power system design] 50293
Kulebyakin, V.V. *see* Mansurov, V.A. 49385
Kuleev, I.G. Spatial ordering and Coulomb interaction energy of d-holes in a system of iron ions with mixed valence in HgSe:Fe crystals 54070
Kuleev, I.G. *see* Tsidil'kovskii, I.M. 31849
Kulej, T. *see* Guzinski, A. 1571
Kulemin, G.P., Razskazovsky, V.B. Centimeter and millimeter-wave radio signals attenuation in explosions 45148
Kulemin, G.P., Razskazovsky, V.B. Radar reflections from explosion and gas wake of operating engines 48082
Kulemin, G.P., Velichko, S.A. Effects of radiowave propagation conditions on SAR calibration accuracy 26960
Kulemin, G.P. *see* Kramarenko, A.V. 37774
Kulenovic, R., Song, Y.Z., Groll, M. Scanning laser speckle photography for temperature field measurement in fluid flows 36399
Kulenovic, R. *see* Song Yaozu 36954
Kulenovic, R. *see* Yao Zu Song 24287
Kulesh, V.P. Measurement of gas density by heterodyne interferometry 17812
Kuleshov, A.A. *see* Dutov, A.I. 13958
Kuleshov, N.V. *see* Lagatskii, A.A. 44403
Kuleshov, S. *see* Akchurin, N. 37257
Kuleshov, S.A. *see* Kulish, V.V. 33587
Kuleshov, S.V. *see* Akimov, V.A. 28024
Kuleshova, L.N. *see* Akimov, V.A. 28024
Kulesza, T. *see* Slusarek, B. 13468
Kulevoy, T.V. *see* Batalin, V.A. 49180
Kulevskii, L.A. *see* Vanyakin, A.V. 44186
Kulic, F. *see* Kukolj, D. 19072
Kulick, J.H. *see* Nordin, G.P. 27788
Kulicke, B. *see* Xianzhang Lei 60214
Kulidjian, A. *see* Beaulieu, R. 51072
Kulig, M.J. *see* Jankowski, M.W. 29030
Kulik, A., Rosenfeld, C. Charged particle detection using storage phosphor crystals 59303
Kulik, I. *see* Lombardi, A. 37117
Kulik, L.V. *see* Borzenko, T.B. 42499
Kulik, L.V. *see* Borzenko, T.B. 54432
Kulik, S.P. *see* Burlakov, A.V. 14393
Kulikov, A. *see* Tang, H. 49299
Kulikov, E.V. *see* Shvedov, O.V. 7762
Kulikov, G.G., Arkov, V.Y., Breikin, T.V. On Markov model applications in aircraft gas turbine engine full authority digital controller test-beds 49868
Kulikov, G.G. *see* Patel, V.C. 8275
Kulikov, M.V. *see* Ershov, V.P. 59167
Kulikov, V. *see* Andryakov, A. 37226
Kulikovsky, A.A. Positive streamer between parallel plate electrodes in atmospheric pressure air 41735
Kulikowski, C.A. *see* Foran, D.J. 59481
Kulin, T.M., Scoles, D.L. Life cycle testing of a sealed 24-V, 42-Ah nickel-cadmium aircraft battery 60997
Kulinski, S. *see* Bigolas, J. 18508
Kulipanov, G.N. *see* Ando, A. 7771
Kulish, M. *see* Dornik, M. 59164
Kulish, V.V., Krutko, O.B. To the non-linear self-consistent theory of the EH-Ubitron type three-waves parametric amplifier 53998
Kulish, V.V., Kuleshov, S.A., Sikula, J.G. Nonlinear self-consistent theory of two-stream superheterodyne Dopplertron-type FEL-amplifier 33587
Kuljaca, L. *see* Klaic, A. 29828
Kuljic, Z. *see* Zdenkovic, J. 51713
Kuljic, Z. *see* Zdenkovic, J. 61184
Kuljk, M. *see* Bickel, G. 13852
Kulkami, P. *see* Pomeranz, I. 31329
Kulkami, R. *see* Donnelly, K.S. 11610
Kulkarni, A., Sahasrabudhe, S.C., Shevgaonkar, R.K. Detection of blob-like features in digital images 5009
Kulkarni, D. *see* Villeneuve, G. 11836
Kulkarni, D.K. *see* Rewatkar, K.G. 936
Kulkarni, G.R., Udpikar, V. An integrated facility for data acquisition and analysis of biomedical signals. Case studies on VEP, IVS 8058
Kulkarni, M.R. *see* Brady, R.P. 11014
Kulkarni, P.K., Kumar, V., Verma, H.K. Direct data compression techniques for ECG signals: effect of sampling frequency on performance 45803
Kulkarni, S. *see* Assaderaghi, F. 2839
Kulkarni, S.A. *see* Grosse, I.R. 30237
Kulkarni, S.K. *see* Kuruvilla, B.A. 2353
Kulkarni, S.R., Vidyasagar, M. Learning decision rules for pattern classification under a family of probability measures 25082
Kulkarni, S.R. *see* Bartlett, P.L. 45792
Kulkarni, S.R. *see* Saur, D.D. 57341
Kulkarni, S.R. *see* Wang, I.-J. 30581
Kulkarni, S.R. *see* Yap-Peng Tan 56736
Kulkarni, S.V. High voltage fountain and high voltage fan: two novel experiments for demonstrations 43471
Kulkarni, S.V., Panchali, D., Kumari, V., Bora, D. Characteristics of abnormal glow discharges 13216
Kulkarni, S.V. *see* Koppikar, D.A. 38785
Kulkarni, S.V. *see* Singh, R. 7521
Kulkarni, V.G., Gautam, N. Leaky buckets: sizing and admission control 35393
Kulkarni, V.P. Emerging trends in video transmission technology 27150
Kulke, B. *see* Kim, J.S. 37026
Kulkens, L. *see* Chain, E.E. 48328
Kull, L. *see* Helmers, S.L. 37802
Kullander, S. *see* Ronnqvist, C. 59367
Kullmann, H. *see* de Valk, J.P.J.M.M. 60039
Kulm, G. *see* Kraus, W. 47985
Kul'minskii, A., Serrat, C., Vilaseca, R., Corbalan, R. Polarization effects in the dynamics of optically pumped lasers 14209
Kul'minskii, A.M. *see* Voitovich, A.P. 13925
Kulp, B.D. Testing and characterizing jitter in 100BASE-TX and 155.52 Mbit/s ATM devices with a 1 Gsamples/s AWG in an ATE system 47057
Kulp, D. *see* Klein, J. 28577
Kulp, T.J., Powers, P.E., Kennedy, R. Design of a mid-IR active imaging system for gas detection using a pulsed laser source 18924
Kulp, T.J. *see* Powers, P.E. 18828
Kulratna, N., Sampath, H.W. A triport UPS design with bipolar power transistor array based AC line voltage regulation 40915
Kultashev, O. *see* Roberto Rao 37199
Kultashev, O.K. *see* Makarov, A.P. 53906
Kulterman, R.W. *see* Vanderle, K.A. 39785
Kultti, K., Salonen, H. Undominated equilibria in games with strategic complementarities 40003
Kululka, J.R. *see* Dally, R.B. 38013
Kulyagin, R.V., Taranukhin, V.D. Generation of X-ray radiation by atoms in an ultrahigh-intensity laser field 4005
Kum, D.W. *see* Byun, D. 31843
Kuma, H., Yokoi, H. A study of information-presentation rate in a visual and auditory display 36817
Kumada, N. *see* Wada, H. 58846
Kumagai, A., Harada, K., Ozawa, K., Ishiwata, O. Evaluation of tribological properties of a longitudinal magnetic recording medium using lateral modulation friction force microscope 23367
Kumagai, H., Kozu, T., Iguchi, T. Development of an algorithm for rain/no-rain discrimination 28637
Kumagai, H., Kozu, T., Okamoto, K. Development of an active radar calibrator for TRMM precipitation radar 28634
Kumagai, H. *see* Awaka, J. 28638
Kumagai, H. *see* Beh, C.-Y. 30727
Kumagai, H. *see* Ezaki, M. 867
Kumagai, H. *see* Ezaki, M. 13795
Kumagai, H. *see* Ilev, I. 36888
Kumagai, H. *see* Ilev, I.K. 55528
Kumagai, H. *see* Ilev, I.K. 58796
Kumagai, H. *see* Okamoto, K. 28636
Kumagai, H. *see* Wei Xing Hou 14300
Kumagai, K. *see* Dong-Ik Lee 52465
Kumagai, N., Aishui Yu Ultrasonically treated LiV_3O_8 as a cathode material for secondary lithium batteries 60992
Kumagai, N. *see* Ando, A. 7771
Kumagai, N. *see* Fujihira, T. 13079
Kumagai, N. *see* Groult, H. 29526
Kumagai, S., Xinsheng, W., Yoshimura, N. Surface degradation phenomena of outdoor polymer insulating materials due to acid rain 32701
Kumagai, S. *see* Masuda, K. 18239
Kumagai, S. *see* Miyamoto, T. 41111
Kumagai, S. *see* Shibata, H. 40755
Kumagai, T., Kobayashi, K., Kawazoe, K., Kubota, S. Bit significance selective frequency diversity transmission–voice quality improvement in fading channels 47782
Kumagai, T. *see* Endo, H. 59470
Kumagai, T. *see* Hasegawa, T. 39733
Kumagai, T. *see* Kajioka, H. 36589
Kumagai, Y., Kido, H., Okamoto, F. High-efficiency RF circuits for electrodeless lamps 39391
Kumagai, Y. *see* Matsushita, K. 2350
Kumagai, H. *see* Satake, M. 28633
Kumagawa, M. *see* Gong, X.Y. 41935
Kumagawa, M. *see* Hayakawa, Y. 30782
Kumagawa, M. *see* Ozawa, T. 10608
Kumai, N., Aoshima, N. Development of the highly maneuverable road information collection vehicle (RICV) 58651
Kumakura, H., Kitaguchi, H., Kato, K., Nomura, K., Inoue, N., Inoue, K., Togano, K. Development of Bi-2212 tapes and coils applying the dip-coating process 55082
Kumakura, H. *see* Okada, M. 43763
Kumakura, K., Motohisa, J., Fukui, T. Formation and characterization of coupled quantum dots (CQDs) by selective area metalorganic vapor phase epitaxy 52655
Kumamaru, K. *see* Gotanda, H. 1653
Kumamaru, K. *see* Gotanda, H. 41368
Kumamaru, K. *see* Maeda, M. 46173
Kumamaru, T., Minami, Y. Technologies to support reliability of facilities for power plants and substations 60451
Kumamoto, H., Sudo, M., Tenmoku, K., Shimoura, H. Front car recognition by rulebased video image processing through windshield 61312
Kumamoto, K. *see* Hoshino, T. 12175
Kumamoto, T. *see* Ito, A. 57767
Kumamoto, T. *see* Okuda, T. 11528
Kumamura, S. *see* Hata, S. 15568
Kumana, J.D. *see* Amarnath, K.R. 29898
Kumano, H. *see* Suemune, I. 40468
Kumar, A. The correction factor due to couplant in ultrasonic thickness measurement 40705
Kumar, A. Personal Handy-Phone System 47709
Kumar, A. Shielding the ill effects of EM radiation 49827
Kumar, A. The HP PA-8000 RISC CPU 53322
Kumar, A., Carreon, M. Residual gas analysis as a failure analysis tool for microelectronic devices 20955
Kumar, A., Gersho, A. LD-CELP speech coding with nonlinear prediction 45683
Kumar, A., Gupta, P.S. Sum squeezing in four-wave sum frequency generation 44706
Kumar, A., Kumar, B., Kumar, Y. A novel method to determine the acoustic impedance of membrane material 59096
Kumar, A., Prasad, R. Study of track registration response of makrofol-KL to ^{40}Ar and ^{136}Xe ions 49341
Kumar, A., Saminadayar, L., Glattli, D.C., Jin, Y., Etienne, B. Measurement of reduced shot noise in a quantum point contact 12469
Kumar, A. *see* Abdulla, M.F. 53093
Kumar, A. *see* Alam, M.R. 40628
Kumar, A. *see* El-Geneidy, A.M. 26266
Kumar, A. *see* El-Refai, M.Y. 26267
Kumar, A. *see* Habash, R.W.Y. 8097
Kumar, A. *see* Kamra, K. 27911
Kumar, A. *see* Mahapatra, R.N. 56572
Kumar, A. *see* Naseer, A.R. 11074

Kumar, A. *see* Naseer, A.R. 52971
Kumar, A. *see* Oberg, J. 1322
Kumar, A. *see* Ramesh, S. 25871
Kumar, A. *see* Shu, N. 43495
Kumar, A. *see* Singh, V.R. 8574
Kumar, A. *see* Whidden, T.K. 54388
Kumar, A. *see* Wilbur, J.L. 54540
Kumar, A. *see* Yezzi, A., Jr. 49547
Kumar, A.K.P., Sin, J.K.O., Poon, V.M.C. Drift region doping effects on high voltage conductivity modulated thin film transistors 32429
Kumar, A.Praveen *see* Praveen Kumar, A.
Kumar, A.Sai *see* Sai Kumar, A.
Kumar, A.V.Ravi *see* Ravi Kumar, A.V.
Kumar, B. *see* Jain, S.B. 53426
Kumar, B. *see* Kumar, A. 59096
Kumar, B.P., Branner, G.R. A new technique of analysis of unequally spaced planar arrays 34477
Kumar, B.Preetham *see* Preetham Kumar, B.
Kumar, B.V.K.V. *see* Carlson, D.W. 3546
Kumar, B.V.K.V. *see* Carlson, D.W. 8659
Kumar, B.V.K.V. *see* Gopalaswamy, S. 43896
Kumar, B.V.K.V. *see* Ng, T.K. 3561
Kumar, B.V.K.Vijaya *see* Vijaya Kumar, B.V.K.
Kumar, B.V.Rathish *see* Rathish Kumar, B.V.
Kumar, C.H., Prasad, K.M., Reddy, M.K. A robust R-R interval estimator 18423
Kumar, D., Vispute, R.D., Aboelfotoh, O., Oktyabrsky, S., Jagannadham, K., Narayan, J., Apte, P.R., Pinto, R. $LaNiO_3$ and Cu_3Ge contacts to $YBa_2Cu_3O_{7-x}$ films 13497
Kumar, D. *see* Arora, N. 50784
Kumar, D. *see* Arora, N. 50806
Kumar, D. *see* Dixit, R.P. 48094
Kumar, G., Sivashanmugam, A., Muniyandi, N., Dhawan, S.K., Trivedi, D.C. Polyaniline as an electrode material for magnesium reserve battery 9528
Kumar, G. *see* Kakkar, R. 34428
Kumar, G. *see* Ray, K.P. 45397
Kumar, G. *see* Singh, A.K. 34482
Kumar, G. *see* Thirunakaran, R. 9523
Kumar, J. Prototyping the M68060 for concurrent verification 31319
Kumar, J., Kah-Hoe Ng, Sheble, G. AGC simulator for price-based operation. I. A model 60463
Kumar, J., Kah-Hoe Ng, Sheble, G. AGC simulator for price-based operation. II. Case study results 60464
Kumar, J., Sheble, G. Framework for energy brokerage system with reserve margin and transmission losses 19096
Kumar, J., Sheble, G. A decision analysis approach to the transaction selection problem in a competitive electric market 60283
Kumar, J. *see* Alva, K.S. 7439
Kumar, J. *see* Arulkumaran, S. 2303
Kumar, J. *see* Arulkumaran, S. 42932
Kumar, J. *see* Jiang, X.L. 14287
Kumar, J. *see* Kim, D.Y. 55362
Kumar, J. *see* Pixley, C. 36430
Kumar, J. *see* Thilakan, P. 54105
Kumar, K. Plastic film capacitors (PFCs) a status report 41534
Kumar, K., Chou, A.I., Chuan Lin, Choudhury, P., Lee, J.C., Lowell, J.K. Optimization of sub-3 nm gate dielectrics grown by rapid thermal oxidation in a nitric oxide ambient 22581
Kumar, K. *see* Chowdhury, P. 22520
Kumar, K. *see* Chuan Lin 12726
Kumar, K. *see* Chuan Lin 43059
Kumar, K.Anand *see* Anand Kumar, K.
Kumar, K.S., Desai, U.B. Joint segmentation and image interpretation 57000
Kumar, K.S., Murarka, S. Chemical-mechanical polishing of copper in glycerol based slurries 42556
Kumar, K.S. *see* Hymes, S. 42713
Kumar, K.S. *see* Hymes, S. 42752
Kumar, K.S. *see* Koshy, J. 3275
Kumar, K.Siva *see* Siva Kumar, K.
Kumar, L.N., Douligeris, C. Demand and service matching at heavy loads: a dynamic bandwidth control mechanism for DQDB MANs 6218
Kumar, M., Gupta, R.C. Subabul: a wood species for electricity generation 38463
Kumar, M., Zubair, M. A high performance software implementation of MPEG audio encoder 17114
Kumar, M.J., Datta, K. Optimum collector width of VLSI bipolar transistors for maximum f_{max} at high current densities 54591
Kumar, M.J. *see* Lau, K.K. 21151
Kumar, M.J. *see* Lau, K.K. 60270
Kumar, M.Jagadesh *see* Jagadesh Kumar, M.
Kumar, N., Cauwenberghs, G., Andreou, A.G. A circuit model of hair-cell transduction for temporal processing and auditory feature extraction 8066
Kumar, N., Cauwenberghs, G., Andreou, A.G. A circuit model of hair-cell transduction for temporal processing and auditory feature extraction 34884
Kumar, N., Dave, M.P. Application of an auxiliary controlled static VAr system for damping subsynchronous resonance in power systems 28805
Kumar, N. *see* Vasudevan, N. 49967
Kumar, N. *see* Vootukuru, M. 53222
Kumar, P., Shukla, R.K., Biswas, A. An accurate determination of the Q factor of a dielectric resonator in a suspended substrate environment 31481
Kumar, P. *see* Barua, P.B. 30352
Kumar, P. *see* Hemmer, P.R. 14354
Kumar, P. *see* Jha, P. 14205
Kumar, P.K., Prabhu, K.M.M. Classification of radar returns using Wigner-Ville distribution 26984
Kumar, P.R., Chadha, D., Aditya, S. Dielectric-loaded edge-coupled suspended coplanar waveguide forward directional coupler 53532
Kumar, P.R. *see* Kumar, S. 30442
Kumar, P.Vijay *see* Vijay Kumar, P.
Kumar, R., Blumemrohr, C., Eisenbiegler, D., Schmid, D. Formal synthesis in circuit design–a classification and survey 31039
Kumar, R., Stiglich, J.J., Sudarshan, T.S., Yu, C.C. Consolidation of nano-composites for thermal management 21381
Kumar, R., Vengurlekar, A.S., Prabhu, S.S., Shah, J., Pfeiffer, L.N. Measurements of frequency upconversion and picosecond excitation-correlation luminescence spectra in GaAs quantum wells and determination of time constants describing exciton dynamics 2147
Kumar, R. *see* Ahmad, M. 33112
Kumar, R. *see* Geyer, H.K. 20018
Kumar, R. *see* Jha, P.K. 52489
Kumar, R. *see* Verma, A.K. 34138
Kumar, R. *see* Verma, A.K. 41414
Kumar, R. *see* Verma, A.K. 45342
Kumar, R. *see* Wilders, R. 49721
Kumar, R.A. *see* Costley, R.D. 20059
Kumar, R.R., Aditya, S., Chadha, D. Dielectric-loaded shielded edge-coupled conductor-backed coplanar waveguide structures 21862
Kumar, R.S. Feedforward and recurrent artificial neural networks for power system computations 19205
Kumar, R.V. *see* Ahmed, N.N. 27749
Kumar, R.V. *see* Slater, D.J. 27752
Kumar, S. Evidence for the role of the surface potential and native oxide on thermal properties of crystalline Si 12149
Kumar, S. SDH: the robust backbone for B-ISDN 57585
Kumar, S., Avrin, W.F., Whitecotton, B.R. NMR of room temperature samples with a flux-locked dc SQUID 13514
Kumar, S., Ganesh, B.M., Jain, R.C. Design of non-uniformly spaced pseudo-QMF banks based on the spline function 53447
Kumar, S., Hasegawa, A. Reduction of initial collision effects by adiabatic expansion in soliton wavelength-division multiplexed systems 16713
Kumar, S., Hasegawa, A. Quasi-soliton propagation in dispersion-managed optical fibers 55883
Kumar, S., Kambhamettu, C., Goldgof, D., Sallam, M. Model based estimation of point correspondences between boundaries undergoing nonrigid motion [digital mammography application] 59444
Kumar, S., Kodama, Y., Hasegawa, A. Optimal dispersion management schemes for WDM soliton systems 47960
Kumar, S., Matthews, R., Haupt, S.G., Lathrop, D.K., Takigawa, M., Rozen, J.R., Brown, S.L., Koch, R.H. Nuclear magnetic resonance using a high temperature superconducting quantum interference device 43781
Kumar, S., Modarres, M., Fakory, R. Development of Operator Support Expert System (OSES): an application of expert system technology to nuclear power plant operation 38251
Kumar, S., Rubab, S., Kandpal, T.C., Mullick, S.C. Financial feasibility analysis of box-type solar cookers in India 9567
Kumar, S., Srikant, R., Kumar, P.R. Bounding blocking probabilities and throughput in queueing networks with buffer capacity constraints 30442
Kumar, S., Venkataram, P. An object-oriented network simulation testbed for real-time multimedia applications 47361
Kumar, S. *see* Goetz, P. 47856
Kumar, S. *see* Hanlin Wang 24149
Kumar, S. *see* Harikumer, S. 53168
Kumar, S. *see* Mahdavi, A. 51636
Kumar, S. *see* Panicker, J. 6530
Kumar, S. *see* Sharma, R.D. 9071
Kumar, S. *see* Singh, R. 7521
Kumar, S. *see* Singh, S. 3951
Kumar, S.P.R. *see* Argyropoulos, Y. 47639
Kumar, S.R. *see* Prakash, H.N.S. 8335
Kumar, S.S. θ-closure and δ-closure operators on fuzzy bitopological spaces 52481
Kumar, S.S. *see* Newman, D. 16490
Kumar, S.S. *see* Newman, D. 47031
Kumar, T.N.S., Abdul Samad, A.K., Sarojini, K.M. DSP based signal processing unit for real time processing of vibration and acoustic signals of satellite launch vehicles 7203
Kumar, U. Measurements and analytical computer-based study of CMOS inverters and Schmitt triggers 41007
Kumar, U. Design and analytical study of strays-insensitive switched-capacitor filters 41293
Kumar, V. *see* Bector, C.R. 10345
Kumar, V. *see* Datta, A. 57863
Kumar, V. *see* Dutta, P.S. 12670
Kumar, V. *see* Hartley, R.H. 10740
Kumar, V. *see* Kulkarni, P.K. 45803
Kumar, V. *see* Murphy, S.A. 52142
Kumar, V. *see* Schock, A. 20079
Kumar, V. *see* Vijaya, G. 49585
Kumar, V.G., Munichandraiah, N., Shukla, A.K. Electrode impedance parameters and internal resistance of a sealed $LiC/Li_{1-x}CoO_2$ lithium-ion rechargeable battery 38955
Kumar, V.Jagadeesh *see* Jagadeesh Kumar, V.
Kumar, V.P. *see* Chiussi, F.M. 57558
Kumar, V.P. *see* Muddu, S. 5717
Kumar, V.P. *see* Venkateswaran, R. 5786
Kumar, Y. *see* Kumar, A. 59096
Kumar Iyer, S.S. *see* Xiang Lu 54334
Kumar Rajesh *see* Rajesh Kumar
Kumara, G.R.R.A. *see* Tennakone, K. 12370
Kumara, G.R.R.A. *see* Tennakone, K. 44243
Kumaran, P.Senthil *see* Senthil Kumaran, P.
Kumaraswamy, A., Garud, R., Prabhu, A. Managing emerging technology development through the network organization 9951
Kumaresan, R., Rao, A. Minimum/maximum phase decomposition of signals inspired by the auditory periphery 14882
Kumaresan, R. *see* Rao, A. 4443
Kumaresan, R. *see* Rao, A. 26474
Kumaresan, R. *see* Xiaoshu Qian 4622
Kumaresan, R. *see* Xiaoshu Qian 14903
Kumari, V. *see* Kulkarni, S.V. 13216
Kumasaka, F. *see* Iba, Y. 32308
Kumasaka, N. *see* Otomo, S. 3220
Kumashiro, S. *see* Hayashi, F. 41163
Kumashiro, S. *see* Sato, A. 44191
Kumashiro, S. *see* Syo, T. 13110
Kumashiro, Y. *see* Matsumoto, M. 19951
Kumatami, K. *see* Uno, H. 58320
Kumauchi, T. *see* Hashimoto, T. 22530
Kumazaki, H., Inaba, S., Hane, K. Deposition thickness sensor for ion sputtering apparatus 52818
Kumazaki, T. *see* Kawata, Y. 28239
Kumazawa, R. *see* Ishida, M. 23252
Kumazawa, S. *see* Nishio, T. 39108
Kumazawa, T. *see* Kitano, M. 30250
Kumazawa, T. *see* Miura, H. 329
Kumazawa, T. *see* Shimaoka, M. 23632
Kumazawa, Y. *see* Shinohara, H. 59402
Kumazawa, Y. *see* Shiomi, H. 12139
Kumazawa, Y. *see* Tanaka, A. 7402
Kumazawa, Y. *see* Yamamoto, Y. 7926
Kumbhar, A.A., Kshirsagar, S.T. Comparative study of properties of a-Si:H films produced by hot-filament CVD, glow discharge CVD and their hybrid version 1983
Kumbhojkar, H.V. Some comments on spectrums of prime fuzzy ideals of a ring 10294
Kumble, C.S. *see* Chen, X.R. 60289
Kume, E. *see* Ebihara, K. 19467
Kume, H. *see* Kawahara, T. 1331
Kume, M. *see* Tsujioka, T. 14299
Kume, M. *see* Tsujioka, T. 43914
Kume, T., Nonaka, K., Yamamoto, M. Wavelength-multiplexed holographic data storage with cerium-doped strontium barium niobate crystal and tunable laser diode 4137
Kume, T. *see* Eryu, O. 42266
Kume, T. *see* Imamura, T. 51909
Kume, T. *see* Kawamura, A. 39326
Kume, T. *see* Kawamura, A. 51747
Kume, T. *see* Nakada, T. 39096
Kumihashi, T. *see* Shoji, K. 1356
Kumihashi, T. *see* Torii, K. 55001
Kummer, N. *see* Muller-Fiedler, R. 13196
Kummerow, D. *see* Bamberger, A. 7787
Kummerow, D. *see* Bamberger, A. 37358
Kummert, C. Regulating independent CHP producers in Western Europe 9087
Kummert, F. *see* Socher, G. 57327
Kummetz, J. *see* Purwoadi, M.A. 61167
Kumomi, H., Yonehara, T. Selective nucleation-based epitaxy (SENTAXY): a novel approach for thin film formation 52642
Kumon, Y., Tsukiji, T. Characteristics of a multi-frequency modified transmission line antenna for mobile telephone using closed-spaced parasitic elements 56149
Kumoro, M. *see* Gorwadkar, S.M. 32322
Kumozaki, K. Evolution of fiber-optic access networks toward the multi-media era 16676
Kumozaki, K., Kikushima, K., Sakurai, N., Kishimoto, C., Ikeda, S., Sugie, T., Shibata, N. Fiber-optic video signal transmission technique employing optical heterodyne AM/FM converter and its application to multimedia access systems 16777
Kumozaki, K. *see* Kikushima, K. 26835
Kumpan, S.A. *see* Boehly, T.R. 14059
Kumpan, S.A. *see* Boehly, T.R. 14086
Kumpf, K. *see* Vonwiller, J. 56364
Kumpumaki, T. *see* Glisic, S.G. 16593
Kumta, P.N. Processing aspects of glass-nicalon fibre and interconnected porous aluminium nitride ceramic and glass composites 10957
Kumta, P.N. *see* Hepp, A.F. *(editor)* 39520
Kumwachara, K. *see* Surakampontorn, W. 41297
Kun, I. *see* Mojzes, I. 32054
Kun, I. *see* Mojzes, I. 42736
Kun Cha Do *see* Do Kun Cha
Kun Ho Cho *see* Chul Woo Lee 43910
Kun Ho Yoo *see* Byung Kwon Song 30776
Kun Ho Yoo *see* Ki Hyung Kim 12166
Kun Jong Park *see* Ki Seung Lee 56981

Kun Kim, Ji-Mann Park, Won-Sup Chung An OTA-R Schmitt trigger with current-controllable threshold and saturation levels 53082
Kun Lee Data dependent tetrahedrization 534
Kun Liu, Chu, J.H., Wu, L.J., Yi Cai, Guo, S.L., Ou, H.J., Zheng, G.Z., Tang, D.Y. Magnetic-field-induced carrier freeze-out in narrow-gap semiconductors analysed by capacitance spectroscopy 54078
Kun Liu, Chu, J.H., Zheng, G.Z., Guo, S.L., Tang, D.Y. Magneto-transport properties of semiconductors from flatband magnetocapacitance spectroscopy 31807
Kun Ma *see* Da-Fu Cui 32679
Kun Ma *see* Ma Kun
Kun Pan *see* Pan Kun
Kun Song Chung *see* Chung Kun Song
Kun Suk Kim, Tae Man Han, Pyung Dong Cho The communication bridge for message handling and protocol conversion services between ISDN and PSDN 57963
Kun Tang *see* Tian Wang 14898
Kun Tang *see* Tang Kun
Kun Tao *see* Xiangjun He 54516
Kun Tao *see* Tao Kun
Kun Wang, Pavlidis, D., Jun Cao Effect of in situ thermal cycle annealing on GaN film properties grown on (001) and (111) GaAs, and sapphire substrates 54325
Kun Yang *see* Yanqiu Li 44773
Kun Yang *see* Yang Kun
Kun Zhu *see* Zhu Kun
Kun-Chi Peng *see* Peng Kun-Chi
Kun-Chieh Wang *see* Yau-Ming Chen 39795
Kun-Chou Lee, Tah-Hsiung Chu Analysis of injection-locked antenna array 34377
Kun-Fa Chen *see* Kuang-Yu Hsu 55224
Kun-Fa Chen *see* Shiao-Min Tseng 55215
Kun-Ho Kim *see* Ki-Cheol Park 12258
Kun-Hsien Lee *see* Fang, Y.K. 16815
Kun-Hsien Wu *see* Fang, Y.K. 16815
Kun-Jen Chung *see* Shieh-Liang Chen 10191
Kun-Joo Park *see* Sung Pil Lee 27479
Kun-Li Wen, Wu, J.H. The enveloping model of errors in GM(1,1) 30547
Kun-Nen Chen *see* Ping-Tsung Wang 11291
Kun-Ping Lin *see* Lin Kun-Ping
Kun-Sheng Lu *see* Kai-Sheng Lu 39969
Kun-Wei Lin, Lih-Wen Laih, Wen-Chau Liu Investigation of InGaAs based pseudomorphic step-doped-channel field-effect transistor (SDCFET) 43113
Kun-Wei Lin *see* Der-Feng Guo 13056
Kun-Weon Song *see* Gi-Seok Kim 57059
Kun-Woen Song *see* Young-Sik Park 57061
Kun-Woo Park *see* Young-Hee Kim 21666
Kun-Yi Lee, Wei-Ching Chuang, Wei-Yu Lee, Kuen-Cherng Lin Wavelength-insensitive optical switch: another application of the twist nematic liquid crystal display panel 26457
Kun-Yi Lee *see* Po-Lun Chen 44102
Kun-Yii Tu *see* Jang-Hun Yeh 13752
Kun-Young Kim *see* Baek-Ho Jung 26462
Kun-Yung Chang *see* Chakraborty, S. 53233
Kuna, I. *see* Schnakenberg, U. 27698
Kunasani, S.R., Nguyen, C. Use of short-time Fourier transform on the analysis of signal distortion in microstrip lines 34176
Kunath, R. *see* Nguyen, H. 11642
Kunberger, K. Krupp Mak extends long-stroke medium-speed diesel line 19586
Kunc, J.A. Progress in theoretical studies of physical phenomena in high-power light sources 9722
Kunc, K. *see* Besson, J.M. 22248
Kuncser, V. *see* Mihalca, I. 3065
Kunde, K., Niedung, L., Umlauf, A. Damping ferro-resonance in transmission networks 60338
Kundig, W. *see* Nolting, F. 27386
Kundikova, N.D. *see* Darsht, M.Ya. 23501
Kundikova, N.D. *see* Kataevskii, N.G. 32966
Kundinger, K. In-production testing of automotive electronics 51814
Kundracik, F. *see* Kvasnica, B. 13419
Kundrotas, J. *see* Dargys, A. *(editor)* 30016
Kundu, A. Motion estimation by image content matching and application to video processing 25363
Kundu, A. *see* Nafalski, A. 23316
Kundu, D. Estimating the number of sinusoids in additive white noise 56441
Kundu, D., Bai, Z.D., Mitra, A. A theorem in probability and its applications in multidimensional signal processing 15348
Kundu, R.S. *see* Singh, M. 54115
Kundu, R.S. *see* Singh, P. 54114
Kundu, S., Biswas, D., Datta, R. Anomalous capacitance-voltage profiles in quantum wells explained by a quantum mechanical model 31979
Kundu, S., Raychaudhuri, S., Ghosh, S. Mobility of a two-dimensional hole gas in a Si-SiGe-Si quantum well based on a new wave function 32008
Kundu, S. *see* Singh, S. 3951
Kundu, T. *see* Basaran, C. 10106
Kundu, T.K., Chakravorty, D. Dielectric behaviour of metal-glass-ceramic nanocomposites containing a ferroelectric phase 2958
Kundur, D., Hatzinakos, D. Blind image deconvolution revisited 5029
Kundur, D., Hatzinakos, D. Blind image restoration via recursive filtering using deterministic constraints 25423
Kundur, P. *see* Arabi, S. 19276
Kundur, P. *see* Wang, L. 60307
Kune Yull Suh *see* Jaewhan Kim 50749
Kunemund, T. *see* Eichfeld, H. 1490
Kung, A., Budin, J., Thevenaz, L., Robert, Ph.A. Optical fiber ring resonator characterization by optical time-domain reflectometry 23516
Kung, A., Nicati, P.-A., Robert, P.A. Reciprocal and quasi-reciprocal Brillouin fiber-optic current sensors 17433
Kung, A., Nicati, P.-A., Robert, P.A. Brillouin fiber optic current sensor 58795
Kung, A.H. *see* Knittel, R. 55568
Kung, A.H. *see* Ni, C.K. 3746
Kung, A.H. *see* Ni, C.K. 33441
Kung, C.Y. *see* Horng, R.H. 32087
Kung, H.F. *see* Mozley, P.D. 37908
Kung, P. *see* Hung-Chi Lihn 18016
Kung, P. *see* Kato, T. 30836
Kung, P. *see* Walker, D. 17392
Kung, P. *see* Walker, D. 48504
Kung, P. *see* Zhang, X. 3584
Kung, P. *see* Zhang, X. 10897
Kung, P.-J. *see* Fenner, D.B. 48518
Kung, S.Y., Yun-Ting Tin, Yen-Kuang Chen Motion-based segmentation by principal singular vector (PSV) clustering method 25749
Kung, S.Y. *see* Shang-Hung Lin 25763
Kung, S.Y. *see* Yen-Kuang Chen 57284
Kung, S.Y. *see* Yun-Ting Lin 57025
Kung Chen-Pin *see* Chen-Pin Kung
Kung Ling-Yang *see* Ling-Yang Kung
Kung Mei-Ping *see* Mei-Ping Kung
Kung Pang-Jen *see* Pang-Jen Kung
Kung Sang Hwan *see* Sang Hwan Kung
Kung Sun-Yuan *see* Sun-Yuan Kung
Kung Ying-Shieh *see* Ying-Shieh Kung
Kung-Hao Liang, Tjahjadi, T., Yee-Hong Yang Roof edge detection using regularized cubic B-spline fitting 57196
Kung-Hau Ding *see* Le Toan, T. 28677
Kung-Jong Lui Estimation of the geometric survival distribution 52333
Kung-Keng Chen *see* Zwe-Lee Gaing 38238
Kunhardt, E.E. *see* Jones, H.M. 23147
Kunhardt, E.E. *see* Jones, H.M. 23148
Kunhardt, E.E. *see* Jones, H.M. 23149
Kunica, Z. *see* Vranjes, B. 20832
Kunicki, J.S. *see* Scheffer, M.F. 5947
Kunicki, J.S. *see* Steyn, F. 6347
Kunieda, H. *see* Fuad Mas'ud, A. 11065
Kunieda, H. *see* Isshiki, T. 40810
Kunieda, H. *see* Ito, K. 41344
Kunieda, M. *see* Yoshida, H. 29911
Kunieda, N., Shimamura, T., Suzuki, J. Robust method of measurement of fundamental frequency by ACLOS: autocorrelation of log spectrum 14904
Kunieda, N., Shimamura, T., Suzuki, J. Pitch extraction by using autocorrelation function on the log spectrum 45701
Kunihiro, K., Gaa, M., Scholl, E. Formation of current filaments in n-type GaAs under crossed electric and magnetic fields 41930
Kunihiro, K., Nogome, M., Ohno, Y. Effects of buried p-layers on substrate-trap induced phenomena in GaAs MESFETs 43118
Kunihiro, K. *see* Nogome, M. 13031
Kunihiro, K. *see* Nogome, M. 43115
Kunihisa, T. *see* Yokoyama, T. 31528
Kunii, T. *see* Yamada, K. 23589
Kunii, T.L. *see* Lang, V. 46502
Kunii, T.L. *see* Runhe Huang 46805
Kunii, T.L. *see* Shinagawa, Y. 46501
Kunii, Y., Nanashima, S., Nagase, M., Izumi, K. Reduction in surface roughness of SIMOX substrate by H_2 annealing 22510
Kunii, Y. *see* Giles, L.F. 22556
Kunikata, M. *see* Kurobe, S. 61072
Kunimatsu, H. *see* Miura, N. 2198
Kunimi, A. *see* Suzuki, R. 15612
Kunimi, S. *see* Fujino, Y. 34447
Kunio, T. *see* Amanuma, K. 2998
Kunio, T. *see* Katoh, Y. 1353
Kunio, T. *see* Koike, H. 2999
Kunio, T. *see* Matsuki, T. 43587
Kunio, T. *see* Wakabayashi, H. 43275
Kunio Doi *see* Xin-Wei Xu 7996
Kunioka, A. *see* Nakada, T. 39096
Kunioka, A. *see* Nakada, T. 42029
Kunioka, T., Takeda, Y., Shimazu, N. Electrostatic wafer and wafer-carrier holding mechanisms for the EB-X2 E-beam writer 42875
Kunisa, A. *see* Murata, S. 48249
Kunisa, Y. *see* Eguchi, K. 19991
Kunisa, Y. *see* Eguchi, K. 51522
Kunishima, I. *see* Sakata, A. 54527
Kunitake, C. *see* Hatanaka, Y. 51339
Kunitomo, Y. *see* Nozu, M. 39829
Kunitsyn, A.E. *see* Bert, N.A. 41968
Kuniyasu, Y. *see* Shinohara, H. 59402
Kuniyoshi, S. *see* Shima, T. 12445
Kuniyoshi, Y. *see* Afzulpurkar, N. 46518
Kuniyoshi, Y. *see* Berthouze, L. 36677
Kuniyoshi, Y. *see* Rougeaux, S. 46519
Kunji, T. *see* Katoh, Y. 24020
Kunji Chen *see* Xinfan Huang 12501
Kunkel, B. *see* Saint-Pe, O. 49977
Kunkel, P., Mehrmann, V., Rath, W., Weickert, J. A new software package for linear differential-algebraic equations 40208
Kunkel, W.B. *see* Lee, Y. 22717
Kunkel, W.B. *see* Lee, Y. 49297
Kunkel, W.B. *see* Lee, Y. 49306
Kunkel, W.B. *see* Lee, Y. 49309
Kunnari, N. *see* Wilkie, D. 31260
Kunniger, T., Richter, K., Dauwalder, R. Ecobalance over supports of medium- and low-voltage overhead lines 28925
Kuno, S., Yamazato, T., Katayama, M., Ogawa, A. Quasi-synchronous code division multiple access (CDMA) with binary shift-register sequences 46668
Kuno, S. *see* Fukunaga, T. 59536
Kuno, T., Utsunomiya, T. Minimizing a linear multiplicative-type function under network flow constraints 52497
Kuno, T. *see* Den, S. 32177
Kuno, T. *see* Omori, T. 48795
Kuno, Y., Takae, O., Takahashi, T., Shirai, Y. Object recognition using multiple view invariance based on complex features 25470
Kuno, Y., Watanabe, T., Shimosakoda, Y., Nakagawa, S. Automated detection of human for visual surveillance system 5653
Kuno, Y. *see* Dementyev, D.V. 37249
Kuno, Y. *see* Kang-Hyun Jo 56827
Kuno, Y. *see* Mae, Y. 5070
Kuno, Y. *see* Nagai, A. 57303
Kuno, Y. *see* Shimada, N. 56822
Kuno, Y. *see* Tabata, A. 31872
Kuno, Y. *see* Takizawa, H. 35314
Kunoff, E. *see* Koltun, M. 39046
Kunori, Y. *see* Yamawaki, M. 27686
Kunosic, A.M. *see* Zlatanovic, M.D. 10874
Kunovsky, J., Mikulasek, K. Positive properties of the Taylor series method 30658
Kunquan Lu, Weijia Wen, Chenxi Li The frequency dependence and non-linear dielectric property of ER fluid 979
Kunrong Wang, Yimin Jiang, Dubovsky, S., Guichao Hua, Boroyevich, D., Lee, F.C. Novel DC-rail soft-switched three-phase voltage-source inverters 60854
Kunsheng Hu *see* Hu Kunsheng
Kunst, M. *see* Elmiger, J.R. 2268
Kunst, P.W.A. *see* Noordegraaf, A.V. 49717
Kunst, R. *see* Meherzi-Maghraoui, H. 30867
Kunstmann, Th. *see* Veprek, S. 40433
Kunt, M. *see* Costantini, D.M. 57008
Kunt, M. *see* Ebrahimi, T. 52029
Kunt, M. *see* Egger, O. 25436
Kunt, M. *see* Jordan, F. 46215
Kunt, M. *see* Moscheni, F. 25366
Kunt, M. *see* Reusens, E. 35192
Kunt, M. *see* Reusens, E. 57252
Kuntsal, E. *see* Fumo, J.P. 48139
Kuntsevich, B.F., Churakov, V.V. Amplitude-detuning response of a CO_2 laser at a frequency of loss modulation equal to half the resonance frequency 55500
Kuntz, F., Pabst, J.Y., Delpech, J.P., Wagner, J.P., Marchioni, E. Alanine-ESR in vivo dosimetry: a feasibility study and possible applications 28472
Kuntz, P.A. *see* Bala, J.L., Jr. 38347
Kuntz, R. *see* Williams, S. 39741
Kunugi, M. *see* Miyazaki, T. 30757
Kunugi, T., Nozaki, S., Morisaki, H., Takahashi, K. Molecular beam epitaxial growth of copper phthalocyanine on Si (111) 10697
Kunwei Lin *see* Lin Kunwei
Kunyan Liu, Hongbo Zhu, Petr, D.W., Frost, V.S., Braun, C., Edwards, W.L. Design and analysis of a bandwidth management framework for ATM-based broadband ISDN 5976
Kunz, D. *see* Aach, T. 59438
Kunz, G.J. Field test of a lidar wind profiler 28616
Kunz, J., Kemmler, M.W., Spahlinger, G., Ribes, M. Design of an ASIC for a commercial small volume fiber optic gyro 27613
Kunz, J. *see* Kemmler, M.W. 27612
Kunz, M. Electric drives as flexible replacement of mechanical gears or cam-controlled movements at the example of a packaging machine 61376
Kunz, R.E. *see* Gaa, M. 12272
Kunz, R.R. *see* Burns, J.A. 22966
Kunz, R.R. *see* Horn, M.W. 32274
Kunz, R.R. *see* Rorhschild, M. 22735
Kunz, U., Katerkamp, A., Renneberg, R., Spener, F., Cammann, K. Sensing fatty acid binding protein with planar and fiber-optical surface plasmon resonance spectroscopy devices 7456
Kunz, W. *see* Pradhan, D.K. 11326
Kunz, W. *see* Stoffel, D. 41122
Kunze, J.F. *see* Kudchadker, R. 8114
Kunze, K. *see* Geier, S. 40437
Kunze, K. *see* Shang Guihua 30922
Kunze, U. *see* Skaberna, S. 54233
Kunzer, M., Baur, J., Kaufmann, U., Schneider, J., Amano, H., Akasaki, I. Properties of Mg and Zn acceptors in MOVPE GaN as studied by optically detected magnetic resonance 31854
Kunzmann, A., Seepold, R. An alternative view on weighted random pattern testing 11251
Kunzmann, J. *see* Elspass, W.J. 964
Kunzmann, S., Dorschel, B., Hase, K., Zeiske, U. Studies on the surface charge distribution of radon

exposed electrets within an electret ionisation chamber 7789
Kuo, A.Y., Chen, W.T., Nguyen, L.T., Chen, K.L., Slenski, G. Popcorning--a fracture mechanics approach 210
Kuo, C. *see* Gotz, W. 12290
Kuo, C.-C.J. *see* Chen, W.-F. 15263
Kuo, C.-C.J. *see* Cheng, P.-Y. 5211
Kuo, C.-C.J. *see* Cheng, P.-Y. 56625
Kuo, C.-C.J. *see* Houng-Jyh Wang 46046
Kuo, C.-C.J. *see* Jiankun Li 56697
Kuo, C.-C.J. *see* Kuo, T.-Y. 56859
Kuo, C.-C.J. *see* Lai, Y.-K. 15515
Kuo, C.-C.J. *see* Lai, Y.-K. 57353
Kuo, C.-C.J. *see* Li, J. 57362
Kuo, C.-C.J. *see* Li, J. 57368
Kuo, C.-C.J. *see* Wan, X. 15790
Kuo, C.-C.J. *see* Yu-Chuan Lin 24631
Kuo, C.-C.Jay *see* Jay Kuo, C.-C.
Kuo, C.-Y. *see* Bonang, C. 27160
Kuo, C.-Y. *see* Bonang, C. 58569
Kuo, C.-Y. *see* Buckle, P.D. 53636
Kuo, C.-Y. *see* Piehler, D. 36343
Kuo, C.J., Chang-Shyan Lin Viterbi-based algorithm for side-match vector quantization over noisy channels 5485
Kuo, C.J., Ching Liao, Lin, C.C. Adaptive edge-based interpolation for scanning rate conversion 25393
Kuo, C.J. *see* Chang, H.T. 56740
Kuo, C.J. *see* Lin, C.C. 25741
Kuo, C.J. *see* Lin, C.C. 53432
Kuo, C.J. *see* Lin, C.H. 25361
Kuo, C.P. *see* Chen, C.H. 21259
Kuo, C.P. *see* Jeon, E.S. 12503
Kuo, D., Vierk, S.D., Rauch, O., Polensky, D. Laser zone texturing on glass and glass-ceramic substrates 33769
Kuo, D. *see* Jing Gui 32839
Kuo, F.-J. *see* Wu, J.-S. 16046
Kuo, F.-J. *see* Wu, J.-S. 46574
Kuo, F.-J. *see* Wu, J.-S. 46576
Kuo, F.F., Li, X. Perspectives on the development of China's Internet 6248
Kuo, H.C. *see* Sengupta, D.K. 7342
Kuo, H.C. *see* Sengupta, D.K. 27577
Kuo, H.C. *see* Sengupta, D.K. 27579
Kuo, H.C. *see* Sengupta, D.K. 48666
Kuo, H.C. *see* Sengupta, D.K. 54326
Kuo, J.-M. *see* Lentine, A.L. 3660
Kuo, J.B. *see* Chen, S.S. 2269
Kuo, J.B. *see* Chen, S.S. 43005
Kuo, J.B. *see* Ker-Wei Su 54654
Kuo, J.B. *see* Ker-Wie Su 23009
Kuo, J.B. *see* Lou, J.H. 22976
Kuo, J.B. *see* Su, K.W. 12975
Kuo, J.M. *see* Hao, P.H. 2220
Kuo, J.M. *see* Lentine, A.L. 33316
Kuo, J.M. *see* Ren, F. 43103
Kuo, J.N. *see* Zhou, J.J. 736
Kuo, J.S. *see* Kidder, J.N., Jr. 21279
Kuo, L.H. *see* Kimura, K. 22521
Kuo, L.H. *see* Miwa, S. 10762
Kuo, M.-T., Wang, Y.-F., Cheng, C.-K., Fujita, M. BDD-based logic partitioning for sequential circuits 41084
Kuo, S.M. Multiple-channel adaptive noise equalizers 4904
Kuo, S.M., Miller, G.D. An innovative course on real-time digital signal processing applications 4796
Kuo, T. *see* Melnychuk, S.T. 49111
Kuo, T.-Y., Kuo, C.-C.J. Complexity reduction for overlapped block motion compensation (OBMC) 56859
Kuo, T.C. *see* Zhang, H.C. 21007
Kuo, T.H. *see* Chen, J.C. 1414
Kuo, Y.-K., Lee, S., Unlu, F., Man-Fang Huang, Birnbaum, M., Fuqua, P.D., Dunn, B. Solid state polymer dye Q-switch for Cr:LiCAF, alexandrite, and ruby lasers 3763
Kuo, Y.L. *see* Young, S.T. 18266
Kuo An-Yu *see* An-Yu Kuo
Kuo Bor-Lin *see* Bor-Lin Kuo
Kuo Chen-Lung *see* Chen-Lung Kuo
Kuo Cheng-Chien *see* Cheng-Chien Kuo
Kuo Cheng-Tzu *see* Cheng-Tzu Kuo
Kuo Chi-Wen *see* Chi-Wen Kuo
Kuo Chie-Tong *see* Chie-Tong Kuo
Kuo Chien-Nan *see* Chien-Nan Kuo
Kuo Chin-Hwa *see* Chin-Hwa Kuo
Kuo Ching Chuan *see* Ching Chuan Kuo
Kuo Ching-Lin *see* Ching-Lin Kuo
Kuo Chu Chang *see* Hauter, A. 57200
Kuo Chun Pao *see* Chun Pao Kuo
Kuo Chung-Ming *see* Chung-Ming Kuo
Kuo Fang-Jang *see* Fang-Jang Kuo
Kuo Geng-Sheng *see* Geng-Sheng Kuo
Kuo Hung-Yuan *see* Hung-Yuan Kuo
Kuo Jen-Tsai *see* Jen-Tsai Kuo
Kuo Li Hsin *see* Li Hsin Kuo
Kuo Li-Hsin *see* Li-Hsin Kuo
Kuo Liang Chen *see* Liang Chen Kuo
Kuo Mei Shong *see* Mei Shong Kuo
Kuo Ming Ying *see* Ming Ying Kuo
Kuo Shun Meen *see* Shun Meen Kuo
Kuo Sy-Yen *see* Sy-Yen Kuo
Kuo Tai-Haur *see* Tai-Haur Kuo
Kuo Te-Son *see* Te-Son Kuo
Kuo Tei-Wei *see* Tei-Wei Kuo
Kuo Tien-Sung *see* Tien-Sung Kuo
Kuo Ting *see* Ting Kuo
Kuo Wen-Chung *see* Wen-Chung Kuo
Kuo Wen-Shyong *see* Wen-Shyong Kuo
Kuo Yang Chien *see* Chien Kuo Yang
Kuo Yau-Hwang *see* Yau-Hwang Kuo
Kuo Yen-Kuang *see* Yen-Kuang Kuo
Kuo-Chih Shao *see* Jung-Jae Chao 15422
Kuo-Chin Fan *see* Chin-Chuan Han 15846
Kuo-Chin Fan *see* Chin-Chuan Han 35055
Kuo-Chin Fan *see* Huei-Fen Jiang 5646
Kuo-Chin Fan *see* Jun-Wei Hsieh 5293
Kuo-Chin Fan *see* Kuo-Sen Chou 5597
Kuo-Chin Fan *see* Yuan-Kai Wang 5561
Kuo-Chin Fan *see* Yuan-Kai Wang 25505
Kuo-Guan Wu *see* Chi-Min Liu 56230
Kuo-Hong Hsiau *see* Yu-Jung Huang 10088
Kuo-Hsin Cheng *see* Hong-Yi Huang 1308
Kuo-Hsing Cheng, Yii-Yih Liaw A low-power current-sensing complementary pass-transistor logic (LCSCPTL) for low-voltage high-speed applications 1262
Kuo-Hua Wang, TingTing Hwang Boolean matching for incompletely specified functions 52991
Kuo-Kai Shyu, Hsin-Jang Shieh, Cheng-Chiian Liu Adaptive field-oriented control of induction motor with rotor flux observation 50975
Kuo-Kai Shyu *see* Faa-Jeng Lin 51684
Kuo-Liang Chung Image template matching on reconfigurable meshes 5518
Kuo-Liang Chung Efficient Huffman decoding 45538
Kuo-Liang Chung, Wen-Ming Yan Vectorized algorithms for solving special tridiagonal systems 30597
Kuo-Ming Chang *see* Wen-Ling Yang 17727
Kuo-Peng, P., Sadowski, N., Bastes, J.P.A., Carlson, R., Batistela, N.J., Lajoie-Mazenc, M. A general method for coupling static converters with electromagnetic structures 51132
Kuo-Sen Chou, Kuo-Chin Fan, Fan, T.-I. Radical-based neighboring segment matching method for on-line Chinese character recognition 5597
Kuo-sheng Cheng *see* Ji-jer Huang 7901
Kuo-Sheng Cheng *see* Jzau-Sheng Lin 59479
Kuo-Sheng Cheng *see* Yen-Ting Chen 7903
Kuo-Shung Liu *see* Jau-Sung Lee 30875
Kuo-Shung Liu *see* Tzu-Feng Tseng 23161
Kuo-Tu Ko Using back-propagation neural networks and image processing techniques to identify roads in Landsat TM imagery 15712
Kuo-Tung Chang *see* Luderman, B.L. 11451
Kuo-Tung Ma *see* Ma Kuo-Tung
Kuo-Tung Sung *see* Yi-Jen Chan 54395
Kuo-Wei Pei *see* Da-Yin Liao 153
Kuochen Wang *see* Wang-Dauh Tseng 40762
Kuochen Wang *see* Wang-Dauh Tseng 53862
Kuoping Wang, Lurong Guo, Lan Zhou, Jianhua Zhu Imaging mechanism of the holographic recording material dichromated cellulose triacetate 14435
Kuosmanen, P., Regazzoni, C., Venetsanopoulos, A.N. A relationship between soft morphology and statistical morphology 57123
Kuosmanen, P. *see* Imed Ben Dhaou 56979
Kuosmanen, P. *see* Koivisto, P. 4845
Kuosmanen, P. *see* Koivisto, P. 46494
Kuosmanen, P. *see* Koivunen, V. 57254
Kuosmanen, P. *see* Oktem, R. 46353
Kuosmanen, P. *see* Siren, S. 24933
Kupeev, K.Y. On significant maxima detection: a fine-to-coarse algorithm 4824
Kupershtokh, A.L. Propagation of streamer top between electrodes for fluctuation model of liquid dielectrics breakdown 23129
Kupfer, G. *see* Steinchen, W. 33745
Kupfer, G. *see* Steinchen, W. 48946
Kupferman, S.L., Hamilton, C.A., Naujoks, G., Vickery, A. A compact transportable Josephson voltage standard 27217
Kuphal, E. *see* Dehe, A. 7341
Kuphal, E. *see* Eisenbach, A. 44319
Kuphal, E. *see* Lindner, A. 40358
Kuphal, E. *see* Ressel, P. 42963
Kuphal, E. *see* Zengerie, R. 44484
Kupiec, J.A. *see* Curran, P.J. 50233
Kupinski, M. *see* Giger, M. 57539
Kupiszewski, T., Christianson, O.R., Natelson, D. Predicted thermal-hydraulic characteristics of cable-in-conduit conductor windings during steady-state operation 32946
Kupko, V.S. *see* Pushkarev, G.P. 14508
Kupko, V.S. *see* Sugatchev, O.L. 28596
Kuplinsky, J. *see* Hansen, P. 40072
Kupper, P. *see* Lau, F. 12974
Kuppers, F. *see* Ludwig, R. 26782
Kuppers, S., Henneberger, G. Numerical procedures for the calculation and design of automotive alternators 51813
Kuppers, S. *see* Henneberger, G. 29857
Kuppers, S. *see* Henneberger, G. 51817
Kuppurajulu, A. *see* Raju, V.V. 50391
Kuppurao, S., Derby, J.J. Designing thermal environments to promote convex interface shapes during the vertical Bridgman growth of cadmium zinc telluride 41941
Kuppurao, S. *see* Xiao Qiang 10662
Kuppusamy, K., Weili Lin, Cizek, G.R., Haacke, E.M. In vivo regional cerebral blood volume: quantitative assessment with 3D T1-weighted pre- and postcontrast MR imaging 37759
Kupriyanov, M.Yu. Processes in HTS Josephson junctions 43799
Kupriyanov, M.Yu. *see* Balbashov, A.M. 43747
Kupriyanov, M.Yu. *see* Oelze, B. 31211
Kupschus, A. *see* Burgkhardt, B. 7823
Kurabayashi, K. *see* Goodson, K.E. 33466
Kurabayashi, T. *see* Nishizawa, J. 798
Kurachi, Y. *see* Hide-Aki Saito 35077
Kuracina, R.P. *see* Zubelewicz, A. 30336
Kurahashi, H. *see* Matsukura, N. 55099
Kurahashi, T., Yata, K., Kobayashi, M., Miura, T. Development of a closed RF magnetic circuit circulator 16605
Kurahashi, T. *see* Takahashi, H. 37560
Kurai, S., Nishino, K., Sakai, S. Nucleation control in the growth of bulk GaN by sublimation method 52588
Kurai, S. *see* Okada, T. 775
Kurakado, M. *see* Kishimoto, M. 23420
Kurakake, H., Uchida, T., Higashi, T., Ogita, S., Kobayashi, M. 1.3 μm high T_0 strained MQW laser with AlGaInAs SCH layers on a hetero-epitaxial InGaAs buffer layer 55606
Kurakin, R. *see* Drobyshevski, E. 33892
Kuramae, H. *see* Horie, T. 44966
Kuramae, K. *see* Kuboyama, H. 16260
Kuramasu, K., Saito, S., Okano, K., Takahashi, Y. Resistor film by thermal decomposition technique and thermal decomposition characteristics of its source materials 1738
Kuramata, A., Horino, K., Domen, K., Soejima, R., Sudo, H., Tanahashi, T. Properties of GaN epitaxial layer grown by MOVPE on $MgAl_2O_4$ substrate 21253
Kuramata, A., Horino, K., Domen, K., Tanahashi, T. Properties of GaN epitaxial layer grown on (111) $MgAl_2O_4$ substrate 31857
Kuramata, A. *see* Domen, K. 41900
Kuramochi, E. *see* Temmyo, J. 23913
Kuramochi, T. *see* Hiraoka, H. 20242
Kuramoto, E. *see* Tsukuda, N. 31763
Kuramoto, K. *see* Fujino, N. 42433
Kuramoto, K. *see* Fujino, N. 42486
Kuramoto, K. *see* Oimatsu, K. 36201
Kuramoto, Y. *see* Inoshita, T. 42238
Kuranari, K. *see* Arita, Y. 54406
Kuranari, K. *see* Arita, Y. 54407
Kuraria, R.K., Kuraria, S.R., Khare, P.K., Jain, S.K. Polarization and depolarization studies in pure and malachite green complexed free cellulose 54906
Kuraria, S.R. *see* Kuraria, R.K. 54906
Kurasawa, M., Kobayashi, S., Kaneko, F., Oishi, K., Ohta, S. Preparation and characterization of $AgGaS_2$ thin films by vacuum evaporation 10783
Kurasawa, T. *see* Kawahara, R. 23000
Kurashashi, T., Takahashi, H., Takada, E., Nakazawa, M., Iguchi, T. A digital waveform discrimination system for an NE213 scintillator using a VXIbus general purpose waveform digitizer 59338
Kurashige, M., Okabe, Y., Hattanda, M. Correlation between cobbles and linear defect density of synthetic quartz crystals 13231
Kurashima, T., Tateda, M., Horiguchi, T., Koyamada, Y. Performance improvement of a combined OTDR for distributed strain and loss measurement by randomizing the reference light polarization state 33036
Kurata, K., Yamauchi, K., Kawatani, A., Goto, A., Kimura, N., Higashikawa, K., Dohmae, S., Tanaka, H., Ishikawa, S. Low cost optical module packaging techniques for optical access network systems 26914
Kurata, K. *see* Kajita, M. 26869
Kurata, K. *see* Nakamura, T. 55668
Kurata, M. *see* Chujo, T. 37284
Kurata, M. *see* Kibi, Y. 11767
Kurata, T. *see* Murakoshi, K. 46106
Kurata, Y. *see* Takahashi, A. 44115
Kuratani, H. *see* Aono, K. 9302
Kuratani, H. *see* Kawano, H. 35528
Kuratani, K. *see* Umezaki, T. 56418
Kuratani, Y., Okuyama, M., Hamakawa, Y. Field-excited electron emission from $(1-y)Pb(Mg_{1/3}Nb_{2/3})O_3-yPbTiO_3$ ceramic 2946
Kuratani, Y. *see* Okuyama, M. 22164
Kuratli, C. *see* Qiuting Huang 8568
Kurazono, S. *see* Korekado, T. 14644
Kurazono, S. *see* Saeki, I. 33733
Kurbakov, A. *see* Kalashnikova, I. 13233
Kurban, V.D. *see* Dobrotin, S.A. 58873
Kurbel, K., Schneider, B., Singh, K. VLSI standard cell placement by parallel hybrid simulated-annealing and genetic algorithm 21457
Kurchatkin, S.P., Muravyova, N.A., Sevostyanov, V.P., Agapov, O.A. Characteristics of liquid crystal alignment on textured polyimide films 3470
Kurchik, B. *see* Goren, J. 51215
Kurczynski, P., Krizmanic, J.F., Stahle, C.M., Parsons, A., Palmer, D.M., Bartlett, L.M., Barthelmy, S.D., Birsa, F., Gehrels, N., Odom, J., Hanchak, C., Shu, P., Teegarden, B.J., Tueller, J., Barbier, L.M. CZT strip detectors for imaging and spectroscopy: collimated beam and ASIC readout experiments 59369
Kurdahi, F.J. *see* Min Xu 1083
Kurdahi, F.J. *see* Min Xu 40833
Kure, T. *see* Minami, M. 53300

Kure, T. *see* Mizuno, H. 1334
Kure, T. *see* Shoji, K. 1356
Kurebayashi, H., Hanaoka, M. IGBT for quasi-resonant converter hybrid IC 53011
Kurek, M. *see* Vogt, R. 9683
Kurekin, A.S. *see* Zeldis, V.I. 16941
Kurennoy, S. Pumping slots: impedances and power losses 49227
Kurennoy, S.S. Impedance issues for LHC beam screen 17957
Kurennyi, E.G., Dmitrieva, E.N. Electromagnetic compatibility in electric circuits: a modelling approach 14647
Kuresevic, A. *see* Zagar, M. 36339
Kurfess, J.D. *see* Kroeger, R.A. 59363
Kurguzov, V.V. *see* Altov, V.A. 43779
Kuri, G. *see* Satyam, P.V. 32066
Kuri, G. *see* Sundaravel, B. 30810
Kuri, T., Kitayama, K. 60 GHz band millimetre-wave signal generation and transport over optical frequency division multiplexing networks 6752
Kuri, T., Tsukamoto, K., Morinaga, N. Analog coherent optical space communication system using polarization ellipticity angle modulation 26795
Kuriacose, J.C. *see* Rufus, I.B. 2236
Kurian, J., Varma, H.K., Koshy, J., Pai, S.P., Pinto, R. Growth of $YBa_2Cu_3O_{7-\delta}$-Ag thin films ($T_{c(0)}$=89 K) by pulsed laser ablation on polycrystalline Ba_2LaNbO_6: a new perovskite ceramic substrate 10833
Kurian, J. *see* Koshy, J. 3275
Kurianski, A., Agui, T., Nagahashi, H. Motion segmentation in RGB image sequence based on stochastic modeling 25317
Kurianski, A., Nieniewski, M. A model of the MRF with three observation sources for obtaining the masks of moving objects 15730
Kuribara, M. *see* Kurono, M. 58396
Kuribayashi, I. Characterization of composite cellulosic separators for rechargeable lithium-ion batteries 29571
Kuribayashi, I., Yamashita, M., Muraoka, S., Nagasawa, K. Ion conductivity of polymer electrolytes derived from poly(p-phenylene terephthalamide) 29574
Kuribayashi, K., Shimizu, S., Yoshitake, M., Ogawa, S. Reversible shape memory behaviors of TiNi thin films processed by direct electric current heating 23076
Kuribayashi, M., Takeuchi, H., Tsujimoto, J., Kuroiwa, K., Tonooka, Y. Static timing analyzer with source/drain identification by non-Z procedure 11057
Kuribayashi, S. *see* Sato, S. 30189
Kuribayashi, T., Kaneda, K., Yamashita, H. Calculation of eddy current lines in 3-D space using edge finite elements 4194
Kuridan, R.M., Beynon, T.D. Analysis of the steam generator for the Safe Integral Reactor concept. I. Steady state 29020
Kuridan, R.M., Beynon, T.D. Analysis of the steam generator for the Safe Integral Reactor concept. II. A linearized nonsteady state model 29021
Kurien, A. *see* Issac, R.C. 4065
Kurien, T.V. *see* Weerahandi, S. 47504
Kurihara, H., Shiramizu, K., Hirai, Y., Hashimoto, Y., Ishino, K. Investigation on convenient measuring method of oblique incident characteristics for absorbing panel in low frequency range (lower than 1 GHz) 45246
Kurihara, I., Tanaka, T. Estimation of energy storage capacity in power system in Japan under future demand and supply factors 19947
Kurihara, I. *see* Kitahara, A. 51812
Kurihara, J. *see* Yoshida, T. 51590
Kurihara, K. Method for calculating pulsating torque of permanent magnet synchronous motors on basis of measurement of terminal voltage and current 29255
Kurihara, K. Transient performance characteristics of permanent magnet synchronous motors when load changes suddenly 29256
Kurihara, K., Namatsu, H., Nagase, M., Makino, T. Sub-10-nm Si lines fabricated using shifted mask patterns controlled with electron beam lithography and KOH anisotropic etching 32321
Kurihara, K., Namatsu, H., Nagase, M., Makino, T. Room temperature operated single electron transistor fabricated by electron beam nanolithography 43166
Kurihara, K. *see* Kawakami, T. 23986
Kurihara, K. *see* Morimoto, T. 11770
Kurihara, K. *see* Namatsu, H. 32017
Kurihara, K. *see* Omura, Y. 54645
Kurihara, K. *see* Takahashi, Y. 22890
Kurihara, K. *see* Takahashi, Y. 54722
Kurihara, L.K. *see* Chow, G.M. 54519
Kurihara, M. *see* Shinohara, J. 38291
Kurihara, M. *see* Tomioka, T. 61293
Kurihara, M.-A. *see* Komada, M. 22640
Kurihara, N. *see* Furukawa, M. 6405
Kurihara, T. *see* Hida, Y. 44035
Kurihara, T. *see* Shidara, T. 49303
Kurihara, Y., Osawa, H., Okamoto, Y., Muraoka, H., Nakamura, Y. Performance of PRML systems in perpendicular magnetic recording by a bi-layered main-pole head 3216
Kurihara, Y. *see* Ishii, K. 49323
Kurihara, Y. *see* Kajino, F. 37402
Kurihara, Y. *see* Sudou, S. 37282
Kurik, M.V., Masyuk, N.S. The effect of polar states on VAC of phthalocyanine $SnCl_2$ films 2088
Kurilcik, G., Strumskis, M., Jursenas, S., Zukauskas, A. Observation of second-generation nonequilibrium phonons in highly photoexcited CdS microcrystals 12234
Kurilenkov, Y. *see* Skowronek, M. 22140
Kurilin, A.S. *see* Raspereza, A.V. 41805
Kurilo, V.S. *see* Sidorenko, A.V. 4400
Kurimoto, Y. *see* Kamiya, Y. 29343
Kurimura, M. *see* Yano, M. 60988
Kurimura, S., Uesu, Y. Application of the second harmonic generation microscope to nondestructive observation of periodically poled ferroelectric domains in quasi-phase-matched wavelength converters 32652
Kurinec, S. *see* Smith, B.W. 22667
Kurinec, S. *see* Smith, B.W. 42841
Kurino, K. *see* Ohsugi, T. 37385
Kurino, K. *see* Ohsugi, T. 37392
Kurio, T., Shinomiya, Y., Kashiwagi, M. Networked virtual reality system based on ATM technology 16393
Kurioka, H., Genji, T., Keira, T., Ishimaru, N. Study of lightning surge in power distribution circuits 60375
Kurioka, Y. *see* Hamanaka, F. 48716
Kurishev, G.L., Kovchavtzev, A.P., Bazovkin, V.M., Subbotin, I.M., Zakharov, I.M., Shlapunov, Yu.A., Kogan, L.S., Bechterev, A.V. Fabrication and properties of two-dimensional hybrid array sensor on epitaxial n-InAs films 17502
Kurishige, M., Katashiba, H., Yamamoto, H., Nishiwaki, F. Robust control technology for the powder clutch of a continuously-variable automatic transmission 9701
Kurishima, K. An analytic expression of f_{max} for HBTs 12892
Kurishima, K. *see* Ida, M. 1705
Kurishima, K. *see* Ishii, Y. 13904
Kurishima, K. *see* Ito, H. 22782
Kurishima, K. *see* Matsuoka, Y. 12897
Kurishima, K. *see* Sano, E. 26900
Kurisu, M., Kaneko, R., Suzaki, T., Tanabe, A., Togo, M., Furukaura, A., Tamura, T., Nakajima, K., Yoshida, K. 2.8-Gb/s 176-mW bite-interleaved and 3.0-Gb/s 118-mW bit-interleaved 8:1 multiplexers with a 0.15-μm CMOS technology 26417
Kurisu, M. *see* Tashiro, T. 22949
Kurita, A. *see* Cao, X. 8754
Kurita, A. *see* Nadaya, N. 46992
Kurita, A. *see* Okamoto, H. 50322
Kurita, A. *see* Sanchez-Gasca, J.J. 50457
Kurita, A. *see* Tada, Y. 28787
Kurita, H., Kawai, S. Quasi-toric planar microlenses for oblique-incidence light beams 44146
Kurita, H., Shimizu, T., Yokoyama, H. Experimental investigations of harmonic synchronization conditions and mechanisms of mode-locked laser diodes induced by optical-pulse injection 55714
Kurita, H. *see* Kawai, S. 23617
Kurita, H. *see* Takamoto, T. 29638
Kurita, H. *see* Yamaguchi, M. 37975
Kurita, H. *see* Yamaguchi, M. 51581
Kurita, K. *see* Chujo, T. 37284
Kurita, M., Egami, M., Takamori, H., Ichiriki, H. Car testing equipment for large-sized trucks (chassis dynamometer) 18917
Kurita, N., Martin, D., Ng, C.-K., Smith, S., Weiland, T. Numerical simulation of the PEP-II beam position monitor 49229
Kurita, N. *see* Heifets, S. 49221
Kurita, S., Saito, J., Ishii, K., Horikawa, M., Akasaka, H. Optimum recording conditions of direct overwrite magneto-optical disk drive for the widest power margin 44118
Kurita, T., Ono, T., Morita, N. Basic investigation on laser processing-relationship between material removal volume and sound pressure level 30195
Kurita, T. *see* Murakami, K. 2947
Kurita, T. *see* Takagi, K. 12894
Kuritani, H. *see* Sato, M. 43881
Kuriyagawa, S. *see* Kushiya, K. 39116
Kuriyama, H. Excimer laser crystallization of silicon films for AMLCDs 17692
Kuriyama, H., Ishigaki, Y., Fujii, Y., Maegawa, S., Maeda, S., Miyamoto, S., Tsutsumi, K., Miyoshi, H. A C-Switch cell for low-voltage operation and high-density SRAMs 41162
Kuriyama, K., Kato, T., Kato, T., Matsuno, H. Growth and photoluminescence properties of the filled tetrahedral semiconductor LiZnAs 10637
Kuriyama, S., Jojima, T., Tsuchiya, M., Matsuo, T. A roadway weather information system for the Hokkaido Development Bureau 36438
Kuriyama, T., Ohtani, Y., Takahashi, M., Nakagome, H., Nitta, H., Tsukagoshi, T., Yoshida, A., Hashimoto, T. Optimization of operational parameters for a 4 K-GM refrigerator 51873
Kuriyama, T. *see* Chandratilleke, G.R. 43840
Kuriyama, T. *see* Takahashi, M. 38434
Kuriyama, T. *see* Tsukagoshi, T. 51874
Kurizki, G. *see* Nikonov, D.E. 33581
Kurkcuoglu, M. *see* Behjat, A. 23738
Kurki, M. *see* Ala-Siuru, P. 57739
Kurkjian, C.R. *see* Matthewson, M.J. 43949
Kurkov, A.S., Bernage, P., Niay, P., Douay, M., Xie, Y.H. 1.55 μm single-frequency long-cavity fibre laser with π/2 phase shifted DFB mode selection 44399
Kurkov, A.S., Douay, M., Duhem, O., Leleu, B., Henninot, J.F., Bayon, J.F., Rivoallan, K. Long-period fibre grating as a wavelength selective polarisation element 43971
Kurkov, A.S., Douay, M., Duhem, O., Leleu, B., Henniot, J.F., Bayon, J.F., Rivoallan, L. Conception of an all-fibre wavelength selective polarizer using a long-period grating 43983
Kurkov, A.S. *see* Dianov, E.M. 23492
Kurkov, A.S. *see* Dianov, E.M. 23775
Kurkov, A.S. *see* Dianov, E.M. 33029
Kurkov, A.S. *see* Dianov, E.M. 43981
Kurkov, A.S. *see* Vasil'ev, S.A. 43968
Kurl Kwon Soon *see* Soon Kurl Kwon
Kurland, R.M. *see* Herriage, M.J. 18706
Kurlat, D.H. *see* Ozols, A. 2077
Kurle, V.K. *see* Varadarangan, K. 4408
Kurlyandskaya, G.V., Zayarnaya, T.Ye., Gundyrev, V.M. The effect of slight plastic deformation on the formation of induced magnetic anisotropy in Fe-3%Si alloy in the course of thermomechanical treatment above the Curie point 3092
Kurnia, A., Rajashekara, K., Campbell, R. Comparative study of dual 600A IGBTs for electric vehicle applications 29838
Kurniawati, R. *see* Jin, J.S. 46462
Kurnit, N.A. *see* Shimada, T. 14240
Kurnosov, V.E. *see* Tartakovskii, A.M. 20806
Kurobe, H., Sasaki, S., Ono, M. Train control system in Yamanashi Maglev Test Line 20162
Kurobe, S., Kamo, T., Kunikata, M. Evaluation of electrolyte migration in molten carbonate fuel cell by a multi-electrode type cell. II 61072
Kuroda, G. *see* Fukumoto, Y. 11855
Kuroda, H. *see* Mwansa, D.C. 5258
Kuroda, H. *see* Noda, Y. 60960
Kuroda, I. *see* Ito, H. 61328
Kuroda, I. *see* Nadehara, K. 35073
Kuroda, I. *see* Naito, Y. 25663
Kuroda, J. *see* Akaboshi, T. 16353
Kuroda, K. *see* Haitao Sun 37853
Kuroda, K. *see* Kubota, T. 3439
Kuroda, K. *see* Nakamura, A. 24206
Kuroda, K. *see* Odashima, H. 33702
Kuroda, K. *see* Ohshima, T. 41751
Kuroda, K. *see* Omatsu, T. 3950
Kuroda, K. *see* Sato, S. 9416
Kuroda, K. *see* Tsuji, S. 2619
Kuroda, M. *see* Geng, Z. 436
Kuroda, M. *see* Sakurada, H. 57940
Kuroda, M. *see* Uchida, H. 60542
Kuroda, N. *see* Hinamoto, T. 1604
Kuroda, S. *see* Hara, N. 21927
Kuroda, S. *see* Kai, K. 12958
Kuroda, S. *see* Maruyama, E. 9537
Kuroda, S. *see* Ozaki, M. 58019
Kuroda, T., Fujita, T., Mita, S., Mori, T., Matsuo, K., Kakumu, M., Sakurai, T. Substrate noise influence on circuit performance in variable threshold-voltage scheme 11245
Kuroda, T., Fujita, T., Mita, S., Nagamatsu, T., Yoshioka, S., Suzuki, K., Sano, F., Norishima, M., Murota, M., Kako, M., Kinugawa, M., Kakumu, M., Sakurai, T. A 0.9-V, 150-MHz, 10-mW, 4 mm², 2-D discrete cosine transform core processor with variable threshold-voltage (VT) scheme 5023
Kuroda, T., Kaneko, O., Oka, Y., Osakabe, M., Takeiri, Y., Tsumori, K., Ando, A., Akiyama, R., Asano, E., Kawamoto, K., Takanashi, T., Hamabe, M. Development of high current hydrogen negative ion source for NBI in NIFS 37176
Kuroda, T., Sakurai, T. Threshold-voltage control schemes through substrate-bias for low-power high-speed CMOS LSI design 21555
Kuroda, T., Zhangda Lin, Iwakuro, H., Sato, S. Influence of plasma gas and postcleaning on the electrical characteristics of plasma-exposed Al/n-Si Schottky diodes 42931
Kuroda, T. *see* Ishikawa, K. 48689
Kuroda, T. *see* Karasawa, Y. 26513
Kuroda, T. *see* Karasawa, Y. 34074
Kuroda, T. *see* Karasawa, Y. 47622
Kuroda, T. *see* Katagiri, K. 3269
Kuroda, T. *see* Niwa, A. 54218
Kuroda, T. *see* Ohtoshi, T. 12441
Kuroda, T. *see* Tsumori, K. 37061
Kuroda, Y. *see* Tachikawa, K. 55101
Kuroe, S. *see* Choong-Gon Lee 51507
Kurogo, S., Matsumoto, Y., Ohshima, T. Analog TCXO using cubic functional voltage generator 13338
Kuroha, S. *see* Moriyama, H. 36804
Kurohmaru, S. *see* Okamoto, K. 41207
Kuroi, T., Shimizu, S., Ogino, S., Teramoto, A., Shirahata, M., Okumura, Y., Inuishi, M., Miyoshi, H. Sub-quarter-micron dual gate CMOSFETs with ultra-thin gate oxide of 2 nm 2810
Kuroi, T. *see* Furukawa, A. 2837
Kuroi, T. *see* Sayama, H. 43296
Kuroi, T. *see* Shimizu, S. 2797
Kuroi, T. *see* Yamashita, T. 41172
Kuroi, T. *see* Yasuoka, A. 43013
Kuroi, Y. *see* Minami, T. 55413
Kuroiwa, H. *see* Ohsaki, Y. 34055
Kuroiwa, K. *see* Kuribayashi, M. 11057

Kuroiwa, S., Naito, M., Takeda, K., Yato, F., Yamamoto, S. A voice activated telephone extension system with rescoring algorithm using N-BEST meaning hypotheses 26055
Kuroiwa, S., Sakayori, S., Yamamoto, S., Fujioka, M. Prank call rejection system for home country direct service 46975
Kuroiwa, T. *see* Matsuguchi, M. 17343
Kuroiwa, T. *see* Matsuguchi, M. 58712
Kuroiwa, T. *see* Mikami, N. 21990
Kuroiwa, T. *see* Shen, A. 40393
Kurokami, Y. *see* Maruyama, M. 7088
Kurokawa, A., Ichimura, S., Kang, H.J., Moon, D.W. Low temperature oxidation processing with high purity ozone 22578
Kurokawa, A. *see* Nakamura, K. 54464
Kurokawa, F. *see* Asano, M. 51346
Kurokawa, H., Mori, S. A local connected neural oscillator network for pattern segmentation 15878
Kurokawa, H., Sunagawa, T., Fujimoto, H., Watanabe, H., Nohma, T. High capacity positive electrode material for lithium ion batteries 38942
Kurokawa, H. *see* Kaneda, S. 41093
Kurokawa, H. *see* Kobayashi, K. 43060
Kurokawa, H. *see* Ogata, T. 52791
Kurokawa, H. *see* Takanabe, S. 13734
Kurokawa, K. *see* Taniguchi, M. 5217
Kurokawa, K. *see* Yoshizaki, S. 43315
Kurokawa, M. *see* Nakamura, K. 35071
Kurokawa, S., Perelstein, E., Teng, L., Tigner, M., Wu, Y.Z., Zisman, M. Round table discussion of collider designs 17881
Kurokawa, S.-I., Month, M., Turner, S. *(editors)* Proceedings of the Joint US-CERN-Japan International School: Frontiers of Accelerator Technology 29946
Kurokawa, T., Ikegami, T. Optical interconnection technologies based on vertical-cavity surface-emitting lasers and smart pixels 55347
Kurokawa, T. *see* Kohama, Y. 33533
Kurokawa, T. *see* Matsuo, S. 3665
Kurokawa, T. *see* Matsuo, S. 7322
Kurokawa, T. *see* Matsuo, S. 33323
Kurokawa, T. *see* Ohiso, Y. 44512
Kurokawa, T. *see* Sale, T.E. 33490
Kurokawa, T. *see* Tadokoro, T. 44574
Kurokawa, Y. *see* Hosoya, Y. 3320
Kurokawa, Y. *see* Yanagawa, T. 55815
Kuroki, F., Yoneyama, T. NRD guide digital transceivers for millimeter wave LAN system 26491
Kuroki, K., Kurosawa, K., Saitoh, N., Konuma, H. Quality enhancement of image intensified X-ray image 56887
Kuroki, K. *see* Saitoh, N. 56885
Kuroki, S. *see* Kawada, M. 60642
Kuroki, T. *see* Horiuchi, H. 24758
Kuroki, T. *see* Horiuchi, H. 26099
Kuroki, T. *see* Ishida, M. 23252
Kuroki, T. *see* Shiomi, S. 37630
Kuroki, Y. *see* Tsukamoto, K. 41830
Kuroki, Y. *see* Tsukamoto, K. 54637
Kuronen, A. *see* Jokinen, J. 42405
Kurono, M., Isawa, K., Kuribara, M. Transient state of polarization in optical ground wire caused by lightning and impulse current 58396
Kurosaka, S. *see* Shiraishi, Y. 10647
Kurosaki, H. *see* Suzuki, T. 55340
Kurosaki, K. *see* Yamauchi, T. 43345
Kurosaki, T., Tohmori, Y., Fukuda, M., Nakamura, M., Kimura, H., Matsumoto, S., Sugie, T. Dynamic properties of a 1.3 μm light-emission-and-detection (LEAD) diode with a high mesa semi-insulating BH for subscriber TCM transmission 3669
Kurosaki, T., Tohmori, Y., Mitomi, O., Kasaya, K., Sakai, Y., Okamoto, H., Okamoto, M., Suzaki, Y., Wada, M., Uchida, N. A method for reduction in internal reflection of monolithically integrated optical devices with butt-jointed optical waveguides 23563
Kurosaki, T., Tohmori, Y., Mitomi, O., Kasaya, K., Sakai, Y., Okamoto, H., Okamoto, M., Suzaki, Y., Wada, M., Uchida, N. A method for reduction in internal reflection of monolithically integrated optical devices with butt-jointed optical waveguides 23564
Kurosaki, T. *see* Akatsu, Y. 16729
Kurosaki, T. *see* Itaya, Y. 55604
Kurosawa, H. *see* Miura, N. 27753
Kurosawa, K. Existency of two dimensional FIR PR QMF system 1581
Kurosawa, K. Investigation on basic characteristics of optical current transducer applying optical heterodyning technique 58779
Kurosawa, K. Optical current transducers using flint glass fiber as the Faraday sensor element 58792
Kurosawa, K., Katayama, Y., Ogata, W. Reshuffleable and laziness tolerant mental card game protocol 34535
Kurosawa, K., Okada, K. Combinatorial lower bounds for secret sharing schemes 34491
Kurosawa, K., Satoh, T. Generalization of higher order SAC to vector output Boolean functions 4563
Kurosawa, K., Satoh, T. Attack on Yagisawa cryptosystem 34536
Kurosawa, K. *see* Kuroki, K. 56887
Kurosawa, K. *see* Oda, M. 21342
Kurosawa, K. *see* Saitoh, N. 56885
Kurosawa, K. *see* Satoh, T. 35497
Kurosawa, K. *see* Takezoe, N. 10963
Kurosawa, O. *see* Washizu, M. 1844
Kurosawa, S. *see* Tachibana, M. 21610
Kurosawa, T., Nakamura, T., Eunju, K., Takada, M., Hayashi, Y., Morita, T., Adachi, Y. Radiation shielding of a cyclotron for PET 59851
Kurose, J. *see* Casetti, G. 6257
Kurose, J. *see* Towsley, D. 57616
Kurosu, K., Morita, K., Ohta, M., Furuya, T., Soeda, M. A study on assembling of subpictures with visual servo 46144
Kurosu, M., Yamadera, H., Mimura, I. The role of screen parameters in visual communication 57974
Kurosu, S., Adachi, M., Kamimura, K., Uchino, H. Gyroscopic sensor applied to weight measurement 17266
Kurosu, T., Ishikawa, J., Ito, N. High-sensitive spectroscopy of I_2-molecule by a power-stabilized diode laser 17181
Kurosu, T. *see* Le Toan, T. 28677
Kurosu, T. *see* Ohshima, S. 48296
Kurosu, Y. Evaluation of effective data reduction methods for MMR coding 45626
Kurowski, P. Good solid modeling, bad FEA 10561
Kurowski, T., Strzelecki, R., Supronowicz, H. A new method of alternating current harmonic compensation in parallel systems of hybrid filters 8749
Kuroyagi, T. *see* Homma, H. 8933
Kuroyanagi, H. *see* Nakamura, T. 58221
Kuroyanagi, N., Ohtake, K., Akiyama, K. A design principle for colored-noise-tolerant optimum despreading-code sequences for spread-spectrum systems 6466
Kuroyanagi, S. *see* Hironishi, K. 16735
Kurpas, P., Richter, E., Sato, M., Brunner, F., Gutsche, D., Weyers, M. MOVPE growth of GaInP/GaAs hetero-bipolar-transistors using CBr_4 as carbon dopant source 42964
Kurpas, P., Rumberg, A., Weyers, M., Knorr, K., Bergunde, T., Sato, M., Richter, W. Growth monitoring by reflectance anisotropy spectroscopy in MOVPE reactors for device fabrication 40347
Kurpiewski, A. *see* Korona, K.P. 12232
Kurrer, R., Klunzinger, K., Feser, K., de Kock, N., Sologuren, D. Sensitivity of the UHF-method for defects in GIS with regard to on-line partial discharge detection 19918
Kursakova, A.M. *see* Andreeva, O.V. 14415
Kurschat, A. *see* Fey, D. 55358
Kurstak, V.Y. *see* Katarkevich, V.M. 23762
Kurt, R. *see* Pitschke, W. 31881
Kurtev, N.D., Antsyferov, S.S. Structural-stochastic method of processing and recognizing information in thermal images 56598
Kurtev, N.D. *see* Evtikhiev, N.N. 55145
Kurth, T. *see* Riege, S.P. 22338
Kurths, J., Schwarz, U., Witt, A., Krampe, R.T., Abel, M. Measures of complexity in signal analysis 25040
Kurths, J. *see* Wessel, N. 49598
Kurtseva, L.B. *see* Kuznetsov, B.I. 50900
Kurtz, A.D. *see* Ned, A.A. 27520
Kurtz, A.D. *see* Okojie, R.S. 48482
Kurtz, A.D. *see* Shor, J.S. 32164
Kurtz, E. *see* Godlewski, F. 12374
Kurtz, E. *see* Godlewski, M. 12415
Kurtz, E. *see* Kuttler, M. 2137
Kurtz, J. *see* Sturgess, K. 8694
Kurtz, J.M. *see* Popowski, Y. 59768
Kurtz, S.R., Biefeld, R.M., Allerman, A.A., Howard, A.J., Crawford, M.H., Pelczynski, M.W. An MOCVD-grown, pseudomorphic InAsSb multiple quantum well injection laser emitting at 3.5 μm 3889
Kurtz, S.R., O'Neill, M.J. Estimating and controlling chromatic aberration losses for two-junction, two-terminal devices in refractive concentrator systems 39083
Kurtz, S.R., Olson, J.M., Bertness, K.A., Sinha, K., McMahon, B., Asher, S. Hidden but important parameters in $Ga_{0.5}In_{0.5}P$ cell growth 38974
Kurtz, S.R. *see* Biefeld, R.M. 21305
Kurtz, S.R. *see* Chih-Hsiang Lin 44547
Kurtz, S.R. *see* Friedman, D.J. 38982
Kurucz, C.N., Brandt, D., Sim, S. A linear programming model for reducing system peak through customer load control programs 19100
Kurugollu, F. *see* Birecik, S. 46189
Kurumisawa, J. *see* Ohya, J. 27689
Kurunczi, P., Koharian, A., Becker, K., Martus, K. Dissociative excitation of tetramethylsilane (TMS) and hexamethyldisiloxane (HMDSO) by controlled electron impact 40633
Kuruoglu, E.E., Rayner, P.J.W., Fitzgerald, W.J. Impulsive noise elimination using polynomial iteratively reweighted least squares 45995
Kuruosaki, Y. *see* Sadahisa, T. 11934
Kurup, R.R., Mahabala, H.N., Mittal, R. Model-based diagnosis of faults in power system networks 38305
Kuruvilla, B.A., Datta, A., Shekhawat, G.S., Sharma, A.K., Vyas, P.D., Gupta, R.P., Kulkarni, S.K. Evidence for the formation of ordered layers on SeS_2 treated GaAs(110) using atomic force microscopy 2353
Kurvonen, L., Hallikainen, M. Classification of Baltic Sea ice types by airborne multifrequency microwave radiometer 18900
Kurvonen, L., Hallikainen, M. Influence of land-cover category on brightness temperature of snow 50171
Kurvonen, L., Pulliainen, J., Hallikainen, M., Mikkela, P. Retrieval of forest parameters from multitemporal spaceborne SAR data 8318
Kuryliak, D.B. The axial-symmetric wave diffraction by finite conical screens in a dielectric sphere 45081
Kuryshev, G.L. *see* Kalameitsev, A.V. 54240
Kurz, C. *see* Gilbert, S.J. 49311
Kurz, G., Harms, U., Kralm, H. Multimedia in the introductory physics course for engineering students 20536
Kurz, H., Roskos, H.G., Dekorsy, T., Kohler, K. Bloch oscillations 12505
Kurz, H. *see* Altmeyer, S. 2735
Kurz, H. *see* Altmeyer, S. 22895
Kurz, H. *see* Altmeyer, S. 54720
Kurz, H. *see* Gondermann, J. 23008
Kurz, H. *see* Gondermann, J. 43039
Kurz, H. *see* Heiliger, H.-M. 10677
Kurz, H. *see* Heiliger, H.-M. 53525
Kurz, H. *see* Heiliger, N.-M. 31455
Kurz, H. *see* Hollkott, J. 23415
Kurz, H. *see* Koster, T. 43132
Kurz, H. *see* Lu, Z.G. 14365
Kurz, H. *see* Martini, R. 22410
Kurz, H. *see* Nusse, S. 42036
Kurz, H. *see* Ohlhoff, C. 44714
Kurz, H. *see* Pfeifer, T. 3445
Kurz, H. *see* Pfeifer, T. 58968
Kurz, L. *see* Behar, D. 57176
Kurz, L. *see* Cheung, J. 35346
Kurz, M. *see* Glock, H.-W. 49179
Kurz, M. *see* Muller, W.F.O. 49178
Kurz, S., Fetzer, J., Lehner, G. A novel iterative algorithm for the nonlinear BEM-FEM coupling method 44935
Kurz, S. *see* Fetzer, J. 31005
Kurz, S. *see* Fetzer, J. 44924
Kurzan, B. *see* Silva, A. 7187
Kurzenkov, A.I. *see* Akimov, V.A. 28024
Kurzweg, U.H., Jaeger, M.J. Flow rate determination in conduits using a thermal pulse technique 59089
Kurzweil, K. *see* Joly, J. 22112
Kurzynowski, P. *see* Urbanczyk, W. 27597
Kurzynowski, P. *see* Urbanczyk, W. 58809
Kurzynski, P. *see* Szczesny, R. 9413
Kusaba, R. *see* Suguri, K. 1447
Kusabuka, M. *see* Takeda, H. 29012
Kusaka, H. *see* Wada, T. 14732
Kusaka, K. *see* Tominaga, K. 838
Kusaka, N. *see* Fujino, Y. 34447
Kusaka, T. *see* Yamazaki, A. 8422
Kusakabe, C., Tomikawa, Y., Takano, T., Tamura, H., Okamoto, H. Thin vibrator alarm using a cantilever piezoelectric actuator 2987
Kusakabe, C. *see* Ohnishi, K. 1162
Kusakabe, T., Taniguchi, H., Norizawa, K. Simple system for dual-parameter multichannel pulse-height analysis 18136
Kusakabe, Y., Hanaoka, K.-I., Komori, I., Ohnishi, H., Yamanishi, K. Investigation of precursors formed by mixing SiH_2Cl_2 with NH_3 for chemical vapor deposition of silicon nitride films 30900
Kusama, H. *see* Maeda, M. 33395
Kusano, J. *see* Hasegawa, K. 49054
Kusano, J. *see* Ito, N. 49166
Kusano, J. *see* Mizumoto, M. 49053
Kusano, K.-I. *see* Kanda, T. 30687
Kusao, H. *see* Katata, H. 35195
Kusao, H. *see* Katata, H. 35853
Kusayanagi, N. *see* Kwang Young Kim 41266
Kusayk, B.S. *see* Luomin Gao 59426
Kuscer, D., Hrovat, M., Holc, J., Bernik, S., Kolar, D. Some characteristics of Al_2O_3- and CaO-modified $LaFeO_3$-based cathode materials for solid oxide fuel cells 19998
Kusch, S., Klose, E., Dellwig, T. The use of microlens arrays in electro-optical image processing systems 3530
Kusch, T.P. *see* Zehl, A. 46757
Kuschnereit, R. *see* Knobloch, J. 21358
Kuschnerus, P. *see* Solt, K. 17363
Kuschnir, P. *see* Lau, B. 48939
Kuse, G. *see* Sandberg, C. 51833
Kusek, S.M. *see* Stone, K.W. 18697
Kusevic, I., Babic, E., Liu, H.K., Ionescu, M., Dou, S.X. Dissipation in BSCCO superconductors: influence of pinning centres 43768
Kusevic, I. *see* Ionescu, M.H. 55084
Kusevic, I. *see* Vo, N.V. 13482
Kush, A.K. *see* Dixit, R.P. 48094
Kush, A.K. *see* Leo, A.J. 19662
Kushawaha, V., Yan, Y., Chen, Y., Major, L. Quasi-CW diode pumped Nd:KGW laser at low temperature 14071
Kushibiki, J., Miyashita, M., Chubachi, N. Quantitative characterization of proton-exchanged layers in $LiTaO_3$ optoelectronic devices by line-focus-beam acoustic microscopy 3574
Kushida, K. *see* Matsui, Y. 55006
Kushida, K. *see* Torii, K. 30933
Kushida, M. *see* Harada, K. 11901
Kushida, T. *see* Shiroshita, T. 5861
Kushida-Abdelghafar, K., Miki, H., Torii, K., Fujisaki, Y. Electrode-induced degradation of

$Pb(Zr_xTi_{1-x})O_3$ (PZT) polarization hysteresis characteristics in Pt/PZT/Pt ferroelectric thin-film capacitors 2959
Kushida-Abdelghafar, K. *see* Miki, H. 54916
Kushilevitz, E., Ostrovsky, R., Rosen, A. Log-space polynomial end-to-end communication 35374
Kushiro, N., Sato, K., Komiya, N., Nakata, M., Inoue, M., Tsubota, H. Agent based graphical user interface architecture for consumer products 10017
Kushiya, K., Kuriyagawa, S., Kase, T., Tachiyuki, M., Sugiyama, I., Satoh, Y., Satoh, M., Takeshita, H. The role of $Cu(InGa)(SeS)_2$ surface layer on a graded band-gap $Cu(InGa)Se_2$ thin-film solar cell prepared by two-stage method 39116
Kushizaki, H. *see* Tsutsumi, K. 9698
Kushner, L. *see* Rose, B. 16652
Kushner, L.J., Ainsworth, M.T. A spurious reduction technique for high-speed direct digital synthesizers 11204
Kushner, M.J. *see* Barnes, P.N. 9723
Kushner, M.J. *see* Grapperhaus, M.J. 41730
Kushner, S. Tackling the needs of foreign academic writers: a case study 39603
Kushnir, D. *see* Korjik, V. 4562
Kushnir, V.A. *see* Ayzatsky, M.I. 37115
Kushnirenko, A.E. *see* Berkovski, A.G. 12123
Kushta, T.M. *see* Kiseliov, V.K. 34165
Kushwaha, R. *see* Malow, B.A. 59638
Kusiak, A., Chun-Che Huang Development of modular products 20856
Kusiak, A., Gun Ho Lee Design for manufacturing environment 39704
Kusiak, A., Gun Ho Lee Design of parts and manufacturing systems for reliability and maintainability 52139
Kusiak, A., He, D.W. Design for agile assembly: an operational perspective 10018
Kusiak, A. *see* Belhe, U. 10016
Kusiak, A. *see* Chang-Xue Feng 143
Kusian, W. Simple simulation of a-Si:H solar cells and the comparison with spectral response 39188
Kusic, G.L., Cull, R.C. Power system analysis of multi-kilowatt space/planet stations 18676
Kuske, P. *see* Klein, R. 37089
Kusko, A., Fairfax, S. Survey of rotary uninterruptible power supplies 51288
Kuskova, T.K. *see* Sundukov, A.V. 8098
Kusmierczyk, A. *see* Sosnowski, J. 21736
Kus'min, Yu.N. *see* Lazarev, N.V. 49036
Kusnetsov, M. *see* Birks, E. 2897
Kusnowo, A. *see* Yoshida, S. 21394
Kusnowo, A. *see* Yoshida, S. 36886
Kuss, F. *see* Marsh, W. 53642
Kuss, H. *see* Boguslawsky, I.Z. 50903
Kussul, E.M., Baidyk, T.N. Genetic algorithm for neurocomputer image recognition 35059
Kussul, E.M., Rachkovskij, D.A., Baidyk, T.N., Talayev, S.A. Micromechanical engineering: a basis for the low-cost manufacturing of mechanical microdevices using microequipment 23037
Kustas, W.P. *see* Anderson, M.C. 8378
Kuster, A. *see* Leonhardt, J.W. 8621
Kusters, J. *see* Allan, D.W. 48307
Kusters, J.A. *see* Adams, C.A. 13360
Kusters, J.A. *see* Giffard, R.P. 27333
Kusters, J.A. *see* Giffard, R.P. 36364
Kustka, G.J. *see* Doshi, B.T. 16098
Kustodiev, V.D. *see* Selivanov, A.S. 49875
Kustom, R. *see* Cho, Y. 18067
Kustom, R.L. *see* Henke, H. 49122
Kustom, R.L. *see* Skiles, J.J. 20094
Kustov, A.L. *see* Gai, W. 59147
Kustov, A.V., Koehler, J.A., Sofko, G.J., Danskin, D.W., Schiffler, A. Relationship of the SAPPHIRE-North merged velocity and the plasma convection velocity derived from simultaneous SuperDARN radar measurements 60037
Kusuda, T. *see* Kohno, M. 7564
Kusuhara, T. *see* Yamamoto, Y. 7926
Kusui, S. *see* Hashimoto, A. 36790
Kusumi, Y. *see* Fujita, K. 12171
Kusumi, Y. *see* Maruno, S. 31730
Kusumoto, H., Aoki, M., Tsunehiro, Y. A control method to suppress parasitic oscillation of current feed inverter 60862
Kusunoki, S. *see* Inaba, T. 39381
Kusunoki, T. *see* Hiyamizu, S. 42109
Kusunoki, T. *see* Nakajima, K. 40298
Kusunoki, T. *see* Ohhata, K. 21566
Kusunose, H., Awamura, N., Takizawa, H., Miyazaki, K., Ode, T., Awamura, D. Direct phase-shift measurement with transmitted deep-UV illumination 22685
Kusunose, H. *see* Fujita, H. 22657
Kusunose, H. *see* Takizawa, H. 22656
Kusyn, Q. *see* Brandstetter, P. 9608
Kuszelewicz, R. *see* Kohl, A. 55751
Kuszelewicz, R. *see* Koppa, P. 14275
Kuszyk, B.S. *see* Johnson, P.T. 7969
Kuszyk, B.S. *see* Johnson, P.T. 59449
Kutanov, A., Ichioka, Y. Conjugate image plane correlator with holographic disk memory 5218
Kutanov, A., Ichioka, Y. Conjugate image plane correlator with holographic disk memory 46392
Kutas, M. *see* Iragui, V. 18404
Kutasov, V.A., Luk'yanova, L.N., Konstantinov, P.P., Alekseeva, G.T. Carrier mobility in non-stoichiometric $n\text{-}Bi_2Te_{3-x}Se_x$ solid solutions 54126
Kutasov, V.A. *see* Alekseeva, G.T. 12309
Kutay, A., Ozaktas, H.M., Ankan, O., Onural, L. Optimal filtering in fractional Fourier domains 56560
Kutay, M.A. *see* Arikan, O. 34932
Kutay, M.A. *see* Barshan, B. 25304
Kutcher, G.J. *see* Ling, C.C. 8088
Kutcher, S.W., Poehler, T.O., Trivedi, S., Zhengchen Yu, Vydyanath, H.R., Becla, P. Annealing studies of undoped $Hg_{1-x}Mn_xTe$ bulk crystals at high temperatures 2296
Kutelia, B. *see* Tsintsadze, Z. 8201
Kutelia, E. *see* Jishiashvili, D. 54281
Kutelia, E. *see* Tsintsadze, Z. 8201
Kuterovac, L. *see* Dizdarevic, N. 19325
Kuterovac, L. *see* Maljkovic, Z. 9152
Kutics, A. Evolution of gray-scale morphology structures for the extraction of medical objects 35261
Kutka, R., Kaup, A., Hager, M. Quality improvement of low data-rate compressed video signals by pre- and postprocessing 15595
Kutkovetskii, V.Ya., Zaporozhets, Yu.M. An interaction–a conductor and a magnetic field 4180
Kutkut, N.H., Divan, D.M. Dynamic equalization techniques for series battery stacks 51481
Kutlowski, M., Lorys, K., Oesterdiekhoff, B. Periodic merging networks 57883
Kutlu, A., Ekiz, H., Baba, M.D., Powner, E.T. Implementation of "Comb" based wireless access method for control area network 47067
Kutlu, A. *see* Ekiz, H. 57911
Kutrowski, M., Karczewski, G., Cywinski, G., Surma, M., Grasza, K., Lusakowska, E., Kossut, J., Wojtowicz, T. (120)-oriented CdTe/CdMnTe quantum well structures grown by molecular beam epitaxy 10723
Kuts, R.I. *see* Vorobjov, G.S. 53561
Kuts, V.N. *see* Georgadze, A.Sh. 18101
Kutsuwa, T., Tikuma, R., Araki, H., Kobori, K., Ebata, K. CAE system for power save design with graphical user interface 11863
Kutsuwa, T., Yoshida, T., Ebata, K., Kobori, K. A trial for design automation of printed wiring board 11864
Kutsuwada, M. *see* Shiiyama, K. 36838
Kutsuzawa, J. Introduction to the digital broadcasting technologies 27139
Kutsuzawa, S. *see* Arahira, S. 55713
Kutsuzawa, S. *see* Matsui, Y. 23907
Kuttanna, B. *see* Kennedy, A.R. 41232
Kuttanna, B. *see* Sanchez, H. 41233
Kuttel, O.M. *see* Nutzenadel, C. 1906
Kutten, S. Scalable fault tolerance 47036
Kutten, S. *see* Bar-Noy, A. 35522
Kutten, S. *see* Garay, J.A. 46922
Kuttenberger, A. *see* Collier, J. 18076
Kutti, S. *see* Cheng, W.C.H. 25914
Kuttikkad, S., Chellappa, R., Novak, L. Building 2D wide area site models from single, and multi-pass single polarization SAR data 6897
Kuttler, J.R. *see* Dockery, G.D. 14610
Kuttler, M., Strassburg, M., Turck, V., Heitz, R., Pohl, U.W., Bimberg, D., Kurtz, E., Landwehr, G., Hommel, D. Laterally structured ZnCdSe/ZnSe superlattices by diffusion induced disordering 2137
Kuttler, M. *see* Dadgar, A. 42373
Kuttner, K. *see* Muller-Fiedler, R. 13196
Kuttruff, J. *see* Volpe, F.P. 31262
Kutty, T.R.N., Padmini, P. Synthesis of polytitanates from $Ba(OH)_2$-TiO_2-H_2O system through gel to crystallite conversion 10941
Kutty, T.R.N. *see* Ezhilvalavan, S. 13051
Kutty, T.R.N. *see* Hari, N.S. 42039
Kutuk, H., Sung-Mo Kang A field-programmable analog array (FPAA) using switched-capacitor techniques 1291
Kutuza, B.G., Kalinkevitch, A.A., Ephimov, A.I., Vostrov, E.A., Dzenkevitch, A.B. Application of SAR operating at P-band for space experiments 16938
Kutuzov, S.I. An approach to the improvement in the voltage waveform of three-phases synchronous generators used in single-phase regimes 60716
Kutuzov, V., Shuvalov, V.V., Vysloukh, V.A. Dynamic phase distortion suppression by phase-conjugation systems with inertial photorefractive nonlinearity 33618
Kutuzov, V. *see* Vysloukh, V.A. 4004
Kutuzov, V.V. *see* Khar'kovskii, S.N. 13408
Kutz, J.N., Bronski, J.C. Suppression of dispersion in NRZ communication systems using dispersion management 26803
Kutz, J.N., Koehler, S.D., Leng, L., Bergman, K. Analytic study of orthogonally polarized solitons interacting in highly birefringent optical fibers 55198
Kutz, J.N. *see* Koehler, S.D. 6775
Kutzbach, I. *see* Franke, U. 25773
Kutzenko, A.S. *see* Buryn, O.M. 24141
Kutzner, J. Metal vapor plasma jets in the high-current vacuum arcs 23194
Kutzner, J. *see* Zalucki, Z. 54957
Kutzner, J.A. *see* Zou, W.Y. 58568
Kuu-Young Young, Jin-Jou Chen, Chia-Ching Wang An automated robot calibration system based on a variable D-H parameter model 36366
Kuusela, M. *see* Silventoinen, M.I. 47786
Kuuskoski, J. *see* Koskela, M. 29814
Kuvaldin, A.B., Boiko, F.K., Ptitsyna, E.V. Using currents of complex form in the power supply to electrical-engineering equipment 9143
Kuvshinnikov, S.V. *see* Vasil'ev, A.N. 13800
Kuvshinov, V.A. *see* Bugaev, S.P. 18915
Kuvshinsky, N.G. *see* Davidenko, N.A. 44203
Kuwabara, H., Nara, K. Multi-year and multi-state distribution systems expansion planning by multi-stage branch exchange 38346
Kuwabara, H. *see* Murase, K. 18273
Kuwabara, H. *see* Tatsuoka, H. 13417
Kuwabara, K. *see* Yukawa, T. 40506
Kuwabara, N. *see* Kobayashi, R. 17722
Kuwabara, N. *see* Koike, T. 10172
Kuwabara, N. *see* Maeda, A. 14723
Kuwabara, N. *see* Tajima, K. 17723
Kuwabara, T. *see* Ohata, K. 21958
Kuwabara, Y. *see* Sato, Y. 31427
Kuwahara, H. Experiences teach us the future of autonomous decentralized systems 57688
Kuwahara, H. *see* Nakahigashi, T. 30930
Kuwahara, K. *see* Takahashi, E. 44704
Kuwahara, K. *see* Takano, Y. 30783
Kuwahara, O. *see* Hongqi Tian 50916
Kuwahara, S. *see* Oimatsu, K. 36201
Kuwahara, T., Tagaya, H., Kadokawa, J.-I., Chiba, K. Preparation of new photoresponsive intercalates composed of two photochromic compounds 3335
Kuwahara, T. *see* Onuki, T. 50905
Kuwahara, Y. *see* Hibino, T. 38958
Kuwahara, Y. *see* Hibino, T. 58879
Kuwakado, H., Koyama, K. Improved elliptic curve methods for factoring and their performance 24793
Kuwako, F. Resin coated copper foil for multilayer printed circuit board 11973
Kuwamura, K., Higashimura, M., Sakane, M. An EF210 traction system DC locomotive for Japan Freight Railway Corporation 20188
Kuwamura, S., Yamaguchi, I. Shift-and-add method with optically pre-processed stellar specklegrams 15809
Kuwana, Y., Shimoyama, I., Sayama, Y., Miura, H. Synthesis of pheromone-oriented emergent behavior of a silkworm moth 36770
Kuwana, Y. *see* Miura, H. 43373
Kuwano, H. Research and development of sensing systems within the framework of multimedia telecommunication service: the paradigm of the sensor-communication society 16387
Kuwano, H. MEMS for telecommunication systems 26421
Kuwano, H., Katoh, T., Yasuda, K., Watanabe, T. New multimedia communication services using sensing systems: development of water-quality sensing network system 38112
Kuwano, H., Yanagisawa, K., Hosaka, H., Fukuzawa, K. Research and development of microsystems 13155
Kuwano, H. *see* Kang, M.-K. 12180
Kuwano, H. *see* Katoh, T. 17107
Kuwano, H. *see* Nakamura, M. 17571
Kuwano, H. *see* Saito, Y. 41836
Kuwano, H. *see* Sugimoto, I. 48723
Kuwano, H. *see* Yanagisawa, K. 43415
Kuwano, H. *see* Yanagisawa, K. 54828
Kuwano, N. *see* Ishimaru, M. 41962
Kuwano, S. *see* Widarta, A. 45347
Kuwano, Y. *see* Kouta, H. 10611
Kuwano, Y. *see* Ohnishi, K. 19775
Kuwashima, F., Kitazima, I., Iwasawa, H. The chaotic oscillation in 6328 Å operation of He-Ne laser 23747
Kuwata, A. *see* Kawamoto, S. 19119
Kuwata, N. *see* Shiga, N. 53625
Kuwata, Y., Take, T., Aoki, T., Ogata, T. Multi-fuel cell energy system for telecommunications co-generation system 51558
Kuwata, Y. *see* Hoshijima, K. 51283
Kuwata, Y. *see* Ishizawa, M. 51500
Kuwatsuka, H. *see* Watanabe, S. 33691
Kuwayama, A., Kita, H., Nishiya, K., Hasagawa, J. A method for determining the economical operation and introduction schedules of dispersed co-generation sources considering energy storage system 38596
Kuwayama, N., Tsujigado, M. Application of CSP to the specification description of air track display system and the implementation in Ada 6925
Kuwazaki, S. *see* Sakatsu, T. 12018
Kuwazawa, N. *see* Tanaka, M. 58906
Kuy-Tae Kim, Kyu-Yul Choi, Duck-Jin Chung BiCMOS random pulse generator for neural networks 41375
Kuyanov, I.A. *see* Zavodinsky, V.A. 54257
Kuyanov, I.A. *see* Zavodinsky, V.G. 2275
Kuyanov, I.A. *see* Zavodinsky, V.G. 32068
Kuyanov, I.A. *see* Zavodinsky, V.G. 42328
Kuzaev, G.A. Theoretical aspects of the measurement of the topology of electromagnetic fields 17754
Kuzaev, G.A. *see* Gvozdev, V.I. 17293
Kuze, N., Shibasaki, I. MBE research and production of Hall sensors 52638
Kuze, N. *see* Goto, H. 21314
Kuze, N. *see* Shibata, Y. 10860
Kuzhelev, A.S. *see* Antipov, O.L. 33685
Kuzichev, V.F. *see* Akimov, D.Yu. 37245

Kuzin, A.Yu. Parameter measurement and modeling the process of oscillation chaotization in a self-modulated generator 4051
Kuzin, A.Yu. Method for exciting fiber-optic resonance sensors 7384
Kuzin, A.Yu. Mathematical model of an angular velocity transducer utilizing a laser with a fiber-optic ring resonator 27641
Kuzma-Kichta, Yu.A. *see* Sedlov, A.S. 38601
Kuzmicz, W. *see* Jaworski, Z. 1637
Kuzmik, J. *see* Bergeest, R. 27511
Kuzmin, A. *see* Ohshima, Y. 18083
Kuzmin, A.N., Ryabtsev, G.I., Ketko, G.A., Gorelenko, A.Ya., Demidovich, A.A., Strek, W., Maruszewicz, K., Deren, P. Utilization of in laser pumped anti-Stokes emission of Er-Yb doped systems for identification of securities 13815
Kuzmin, A.N. *see* Ryabtsev, G.I. 3887
Kuzmin, A.S. *see* Aulchenko, V.M. 37247
Kuzmin, A.S. *see* Aulchenko, V.M. 37250
Kuzmin, A.V. *see* Kravtsov, Yu.A. 8426
Kuzmin, R.K. *see* Swallom, D.W. 20053
Kuz'min, V.K. *see* Selivanov, A.S. 49875
Kuzmin, V.V. *see* Sousa, J.M. 33431
Kuzminov, V. *see* Shutt, T. 37472
Kuz'minov, V.V., Osetrova, N.Ya., Shalagin, A.M. The features of precise determination of the ^{14}C β-spectrum with the use of a proportional counter 28028
Kuzminski, M. Computerized magneto-optical Kerr effect system for dynamic domain structure observations 23602
Kuzminski, P. *see* Eisele, J.S. 9985
Kuzminski, S. *see* Bieg, B. 13803
Kuz'minskii, Ye.V. *see* Andriiko, A.A. 29582
Kuzminsky, A.M. *see* Voitovich, A.P. 3697
Kuznar, R. *see* Frost, A. 11147
Kuznar, R. *see* Trost, A. 53197
Kuznetosv, V.A. *see* Vyshlov, V.A. 7181
Kuznetsov, A. *see* Kuznetsov, V. 28963
Kuznetsov, A.A. Output beams of slab gas lasers with waveguide-unstable cavities 14217
Kuznetsov, A.N. *see* Golikova, O.A. 10835
Kuznetsov, A.N. *see* Gusev, O.B. 22203
Kuznetsov, A.S. *see* Shalfeev, V.D. 40857
Kuznetsov, A.V., Chang Sub Kim, Stanton, C.J. Theory of the generation and detection of carriers in ultrafast pump-and-probe spectroscopy of semiconductors 4017
Kuznetsov, A.V., Rakova, E.V., Lee, S.S., Chong, P.J. Influence of moisture and oxygen on the formation of cubic phase GaN in halide vapor phase epitaxial growth 805
Kuznetsov, B.I., Solyanik, V.P., Chausov, A.A., Kurtseva, L.B. Optimal control of a two-channel system with a combined load 50900
Kuznetsov, E.P. *see* Afonin, A.G. 37086
Kuznetsov, I.F., Tsitsikyan, G.N. On Arnolds' formula for calculating losses in conductors 53700
Kuznetsov, N.A. *see* Aleksandrov, A.V. 49205
Kuznetsov, N.D., Kuznetsov, V.N. Bringing power systems operating condition into allowable domain with minimum fuel over 8781
Kuznetsov, N.I., Kalinina, E.V., Soloviev, V.A., Dmitriev, V.A. Schottky barriers on p-GaN 12538
Kuznetsov, N.I. *see* Dmitriev, V.A. 13214
Kuznetsov, O.A. *see* Gavrilenko, V.I. 54201
Kuznetsov, P.I. *see* Kozlovskii, V.I. 44479
Kuznetsov, S.V. *see* Asnis, L.N. 27790
Kuznetsov, S.V. *see* Voronov, A.V. 36792
Kuznetsov, V., Kuznetsov, A. Measurement of power quality factors in electrical networks 28963
Kuznetsov, V.A., Fedotov, A.I. Calculating electromagnetic transients processes in a system consisting of a synchronous generator and a rectifier load 50331
Kuznetsov, V.A., Haneman, D. Electroluminescence from amorphous-silicon-based switching devices 32352
Kuznetsov, V.A., Haneman, D. High temperature coefficient of resistance in vanadium oxide diodes 48534
Kuznetsov, V.A. *see* Vyshlov, V.A. 27411
Kuznetsov, V.I., Zeman, A.M., Vostaan, L.L.A., Girwar, B.S., Metsalaar, J.W. Electrical and optical properties of plasma-deposited *a*-SiGe:H alloys: Role of growth temperature and postgrowth anneal 862
Kuznetsov, V.L. Precipitation study of lead and chalcogens in single crystals of PbSe-PbTe solid solution 30709
Kuznetsov, V.N. *see* Kuznetsov, N.D. 8781
Kuznetsov, V.P. *see* Vasilevskiy, M.I. 52710
Kuznetsov, Y.A. *see* Axelsson, O. 40269
Kuznetsov, Y.I. *see* Gribkov, D.A. 25043
Kuznetsova, I. *see* Tarasov, M. 55121
Kuznetsova, I.E. *see* Zaitsev, B.D. 3018
Kuznetsova, I.E. *see* Zaitsev, B.D. 22469
Kuznia, C. *see* Pinkston, T.M. 33328
Kuznia, C.B., Jen-Ming Wu, Chih-Hao Chen, Sawchuk, A.A., Cheng, I. Hybrid CMOS/SEED smart pixel array for 2-D parallel pipeline operations 33340
Kuznicki, Z.T. Quantum efficiencies exceeding unity in amorphized silicon layers 38999
Kuznicki, Z.T., Wu, L., Christoffel, E. Single-crystal Si infrared improvements 39051
Kuzuhara, K. *see* Iwata, N. 31503
Kuzuhara, M. *see* Iwata, N. 21921
Kuzuhara, M. *see* Nishimura, T.B. 31490
Kuzuhara, M. *see* Wakejima, A. 31942
Kuzuhara, T. *see* Kawano, M. 11715
Kuzukshita, H. *see* Moriura, K. 16670
Kuzuoglu, M., Mittra, R. Frequency dependence of the constitutive parameters of causal perfectly matched anisotropic absorbers 14583
Kuzuoglu, M., Mittra, R. Investigation of nonplanar perfectly matched absorbers for finite-element mesh truncation 45018
Kuzushita, H. *see* Higashikubo, T. 16519
Kuzyk, M.G., Vigil, S., Shiliang Zhou, Welker, D.J. Ultrafast multistability in miniature photomechanical vibration suppressors 7372
Kvaerno, A., Norsett, S.P., Owren, B. Runge-Kutta research in Trondheim 10538
Kvaerno, A. *see* Jackson, K.R. 10516
Kvam, E.P. *see* I-Ming Lee 52610
Kvam, E.P. *see* Samavedam, S.B. 726
Kvam, E.P. *see* Wei-Chung Wang 40427
Kvam, P.H. Estimation techniques for common cause failure data with different system sizes 50313
Kvashin, V.A. *see* Evtikhiev, N.N. 6955
Kvashin, V.A. *see* Odinokov, S.B. 5445
Kvasnica, B., Kundracik, F. Fitting experimental anhysteretic curves of ferromagnetic materials and investigation of the effect of temperature and tensile stress 13419
Kvasnica, P., Chudy, J., Hloska, V., Cvercko, R. Interconnection UCPTE–CENTREL and black starts in Slovak power system 19194
Kvasnikov, L.A. *see* Bourgasov, M.P. 18701
Kvernadze, G. Uniform convergence of Lagrange interpolation based on the Jacobi nodes 569
Kvernsveen, K. An adaptive MTI filter for coherent radar. A real-time algorithm for attenuation of both stationary and non-stationary radar clutter 48056
Kvist, M. *see* Alanen, J. 37609
Kvitkovic, J., Majoros, M. Three-axis cryogenic Hall sensor 7277
Kvrosu, T. *see* Laina Ma 13843
Kwa, T.A., Sarro, P.M., Wolffenbuttel, R.F. Backside-illuminated silicon photodiode array for an integrated spectrometer 55426
Kwack Kae Dal *see* Kae Dal Kwack
Kwai-Man Luk *see* Luk Kwai-Man
Kwak, D.-H. *see* Lee, S.-H. 1410
Kwak, J.-C. An integrated packet scheduling algorithm for high-speed packet-switched wide-area networks 47122
Kwak, J.S., Baik, H.K., Kim, H., Lee, J.-L., Shin, D.W., Park, C.G. A microstructural and electrical investigation of Pd/Ge/Ti/Au ohmic contact to n-type GaAs 42262
Kwak, J.S., Baik, H.K., Lee, J.-L., Park, C.G., Kim, H., Suh, K.-S. A low-resistance Pd/Ge/Ti/Au ohmic contact to a high-low doped GaAs field-effect transistor 42285
Kwak, J.S. *see* Park, S.W. 54262
Kwak, K.S. *see* Minglu Jin 45641
Kwak, M.Y. *see* Hou, Y.B. 32113
Kwak Byung Man *see* Byung Man Kwak
Kwak Byung-Gu *see* Byung-Gu Kwak
Kwak Chang-Eop *see* Chang-Eop Kwak
Kwak Chong-Hoon *see* Chong-Hoon Kwak
Kwak Dong-Joe *see* Dong-Joe Kwak
Kwak Dong-Kurl *see* Dong-Kurl Kwak
Kwak Dong-Yong *see* Dong-Yong Kwak
Kwak Hee-Ro *see* Hee-Ro Kwak
Kwak Ho-Young *see* Ho-Young Kwak
Kwak Hoon-Sung *see* Hoon-Sung Kwak
Kwak Hooq-Sung *see* Hooq-Sung Kwak
Kwak In-Gu *see* In-Gu Kwak
Kwak Mi Young *see* Mi Young Kwak
Kwakman, L. *see* Fleury, A. 43269
Kwan, A., Brandon, J.A. The 'linear regression method' for optimal circle fitting 52529
Kwan, B. *see* Geria, M. 57907
Kwan, C. *see* Horiuchi, H. 35637
Kwan, C. *see* Taylor, G.W. 23538
Kwan, D. *see* Sheng Zhong 25433
Kwan, H., Nelson, R.L., Jr., Swartzlander, E.E., Jr. A new design for a lookahead carry generator 31232
Kwan, H. *see* Nelson, R.L., Jr. 609
Kwan, J.W., Bangerter, R.O., Faltens, A., Lee, E.P., Peters, C., Reginato, L.L., Barnard, J.J., Sharp, W.M. Elise plans and progress 59106
Kwan, K.H., Wemple, I.L., Yang, A.T. Simulation and analysis of substrate coupling in realistically-large mixed-A/D circuits 1624
Kwan, K.S. *see* Tsay, C.L. 39373
Kwan, K.W. *see* Wong, B.S. 52914
Kwan, R.K.-S., Evans, A.C., Pike, G.B. An extensible MRI simulator for post-processing evaluation 18380
Kwan, S. *see* Cremaldi, L. 59262
Kwan, S.L. *see* Zhongze Wang 42350
Kwan, T., Adams, R., Libert, R. A stereo multibit ΣΔ DAC with asynchronous master-clock interface 11539
Kwan, W., Karmouch, A. Multimedia agents in a distributed broadband environment 6314
Kwan Fai Cheung *see* Chuang, J.C.-I. 58210
Kwan Kim, Han Jung, Hee Chul Lee, Choong-Ki Kim Photocurrent effects on the R_oA values of HgCdTe photodiodes 33263
Kwan Kim *see* Seong-Hoon Lee 32197
Kwan Kim Seung *see* Seung Kwan Kim
Kwan Kim Yong *see* Yong Kwan Kim
Kwan Park Yong *see* Yong Kwan Park
Kwan Soo Chung *see* Hoi Hwan Chung 12737
Kwan Soo Chung *see* Hoi Hwan Chung 54818
Kwan Un Chong *see* Chong Kwan Un
Kwan-Hee Yoo, Jinho Choi A model based method for the quantizer assignment of JPEG-like coders 56760
Kwan-Hong Ryu *see* Min-Jeong Kim 47751
Kwan-Ki Yoon *see* Il-Hyeong Lee 53576
Kwang Bok Lee *see* Kwon, H.M. 6642
Kwang Chul Son *see* Jang Ho Chun 60982
Kwang Eui Pyun *see* Beom-hoan O 23977
Kwang Eui Pyun *see* Chongdae Park 23906
Kwang Eui Pyun *see* Hye-Rim Kim 32650
Kwang Eui Pyun *see* Min Kyu Song 296
Kwang Eui Pyun *see* Seong-Su Park 3838
Kwang Hee Lee, Moronuki, N. A modular design method of machine systems by entropy evaluation 50243
Kwang Ik Kim *see* Cheon Woo Shini 5094
Kwang Il Park, Jun Sung Kim, Heung Bum Kim, Jong Hyuk Choi, Kyu Ho Park The acceleration of VHDL simulation by classifying events 52951
Kwang Il Park, Kyu Ho Park Events suppression technique for high performance VHDL simulation 52989
Kwang Ja Park *see* Eun A. Lee 40498
Kwang Ming Lin *see* Chee Yee Kwok 36541
Kwang Moo Kim *see* Cheol Koo Hahn 12423
Kwang Pyo Chae *see* Young Bae Lee 23339
Kwang Soo Cho, Won Sik Park, Sung Jae Lee, Jung Sik Kim Call control mapping for PSTN subscriber in ATM switching system 26437
Kwang Sub Yoon *see* Jai-Sop Hyun 21795
Kwang Sub Yoon *see* Ji Hyun Kim 53370
Kwang Sub Yoon *see* Kyung Myun Kim 53371
Kwang Sub Yoon *see* Young Soo Kim 54753
Kwang Young Kim, Kusayanagi, N., Abidi, A.A. A 10-b, 100-MS/s CMOS A/D converter 41266
Kwang Young Sohn, Hyun Kook Shin Display system design based on the abstraction hierarchy 19523
Kwang Yun Wohn, Soon Ki Jung Recovery of 3-D motion from time-varying image flows 35041
Kwang-Bang Woo *see* Gyoo-Seok Choi 58230
Kwang-Cheng Chen, Jean-Ming Lee A family of pure digital signal processing bit synchronizers 46533
Kwang-Cheng Chen *see* Cheng-Shang Chang 25841
Kwang-Cheng Chen *see* Dsun-Chie Twu 26114
Kwang-Cheng Chen *see* Tai-Yuan Cheng 16557
Kwang-Cheng Chen *see* Tsung-Cheng Wu 35969
Kwang-Eui Pyun *see* Byung-Sun Park 13007
Kwang-Eui Pyun *see* Jin-Hee Lee 13015
Kwang-Eui Pyun *see* Jun-O Jeong 2587
Kwang-Eui Pyun *see* Nara Hwang 3842
Kwang-Ho Chun *see* Hong-Kyoo Choi 60743
Kwang-Ho Kim *see* Jong-Son Lyu 43061
Kwang-Ho Kim *see* Sang-Hee Kang 50622
Kwang-Ho Kwon *see* Chang-Il Kim 54528
Kwang-Ho Kwon *see* Il-Sup Jin 42603
Kwang-Ho Lee *see* Young-Moon Park 60295
Kwang-Hoon Cha *see* Seung-Hyun Lee 48408
Kwang-Hui Lee MOVI: managed object view interface for hierarchical distributed network management systems 5954
Kwang-Hui Lee A group communication protocol for distributed network management systems 46756
Kwang-Hui Lee A group communication protocol architecture for distributed network management systems 46787
Kwang-Ick Kim *see* Doo-Hyun Choi 7418
Kwang-Jae Jeong, Sang-Gi Kim Effective overload prevention and control for traffic management in intelligent network 47272
Kwang-Joon Cho *see* Jong-Wan Park 52776
Kwang-Lung Lin, Shiuh-Yuan Chang Approaching a uniform bump height of the electroplated solder bumps on a silicon wafer 1851
Kwang-Man Oh, Kyu Ho Park A type-merging algorithm for extracting an isosurface from volumetric data 5026
Kwang-Myoung Son *see* Song-Keun Lee 60182
Kwang-Ryeol Lee *see* Sanjo Lee 53968
Kwang-S Suh *see* Ok Kim 23227
Kwang-Seok Hong *see* Myong-Hee Lee 50623
Kwang-Seok Seo *see* Jong-Shik Kim 54629
Kwang-Seong Choi, Dae-Soon Kang, Jae-Won Cho, Young-Gon Kim Environmentally reliable plastic package design for the charge-coupled device (CCD) 54682
Kwang-Seop Eom, Byung-Eul Jun, Dong-Jo Park Fast tracking and noise-immunised RLS algorithm based on Kalman filter 15213
Kwang-Seop Eom, Dong-Jo Park Blind separation of sources using decorrelation process 4860
Kwang-Sik Lee, Dong-In Lee, Jae-Hyun Ju, Young-Geun Lee, Eui-Chul Shin A study on the discharge characteristics of liquid nitrogen at atmospheric pressure 2889
Kwang-Soo No *see* Joong-Shik Shin 52759
Kwang-Su Seong, Chong-Min Kyung A clustering based linear ordering algorithm for netlist partitioning 21596
Kwang-Su Seong, Chong-Min Kyung CBLO: a clustering based linear ordering for netlist partitioning 40073

Kwang-Sub Yoon *see* Jae-Sub Hyun 41304
Kwang-Sub Yoon *see* Nam-Gook Cho 1564
Kwang-Suk Kim, Wonjin Park Survivable domestic network design in the layered international telecommunication network 5892
Kwang-Suk Song *see* Hea-Sook Park 6397
Kwang-Suk Suh *see* Jae-Hong Han 28895
Kwang-Ting Cheng Built-in self-test for analog and mixed-signal designs 58630
Kwang-Ting Cheng, Krstic, A., Hsi-Chuan Chen Generation of high quality tests for robustly untestable path delay faults 11374
Kwang-Ting Cheng *see* Chen-Yang Pan 31132
Kwang-Ting Cheng *see* Kondo, H. 53135
Kwang-Ting Cheng *see* Krstic, A. 41014
Kwang-Ting Cheng *see* Shi-Yu Huang 13122
Kwang-Ting Cheng *see* Shi-Yu Huang 31242
Kwang-Ting Cheng *see* Shi-Yu Huang 40811
Kwang-Ting Cheng *see* Shih-Chieh Chang 21627
Kwang-Yell Seo *see* Sang-Bae Yi 22465
Kwang-Yi Chen *see* Sham-Tsong Shiue 43928
Kwanghee Nam *see* Jinhwan Jung 29447
Kwanghee Nam *see* Kickul Hong 29270
Kwanghee Nam *see* Namho Hur 50974
Kwangjoon Kim *see* Min-Cheol Oh 55280
Kwangjoon Kim *see* Young-Wan Choi 23616
Kwanglung Lin *see* Lin Kwanglung
Kwangsik Kim, Mooho Cho, Sugeon Kwon, Kwangyun Cho, Kyoungrok Cho An optimal location area decision method considering mobile power status 47731
Kwangsoo Kim *see* Hyungjun Park 506
Kwangsoo No *see* Byung-Hyuk Jun 55374
Kwangsoo No *see* Junmo Koo 52745
Kwangyong Lee *see* Eunkyoung Kim 43883
Kwangyun Cho *see* Kwangsik Kim 47731
Kwangyun Wohn *see* Yanghee Nam 46227
Kwanhum Park *see* Jeung Sang Go 13169
Kwankpa, C. *see* Gole, A.M. 38858
Kwapisz, M. *see* Jackiewicz, Z. 21142
Kwark, Y.-M. *see* Yoo, S.-Y. 30292
Kwasowsky, B., Capraro, G.T., Berdan, G.B., Capraro, C.T. Remote data entry and retrieval for law enforcement 47006
Kwasowsky, B.R. *see* Currie, N.C. 18978
Kwast, E. An exercise in test generation for telecommunications services 26047
Kwatra, S.C. *see* Jamali, M.M. 6705
Kwei, K. *see* Edwards, A. 23697
Kwei-Jay Lin *see* Rentmeesters, M.J. 490
Kwek, K. *see* Tou, T. 3687
Kwek Kuanhiang *see* Kuanhiang Kwek
Kwentus, A., Lee, O., Willson, A.N., Jr A 250 Msample/sec programmable cascaded integrator-comb decimation filter 31378
Kwentus, A.Y., Zhongnong Jiang, Willson, A.N., Jr. Application of filter sharpening to cascaded integrator-comb decimation filters 31380
Kweon, D.J. *see* Chon, Y.K. 9307
Kweon, H.J., Suk, J.W., Song, J.S., Lee, M.H. Intelligent QRS typification using fuzzy clustering 59665
Kweon Dong-Jin *see* Dong-Jin Kweon
Kweon Hye-Yeoun *see* Hye-Yeoun Kweon
Kweon In So *see* In So Kweon
Kweon Jang Won *see* Won Kweon Jang
Kwhang Eui Pyun *see* Beom-Hoan O 24016
Kwi-Yung Jung *see* Lee, J.J. 48017
Kwiatkowski, M. Calculating rates of services in UPT networks 46869
Kwiatkowski, T. *see* Luse, R.W. 37915
Kwietniak, K.T. *see* Acosta, R.E. 38760
Kwo, J. *see* Ren, F. 43103
Kwo, J.R. *see* Passlack, M. 2385
Kwo, J.R. *see* Passlack, M. 22480
Kwoh Chee-Keong *see* Chee-Keong Kwoh
Kwok, A., McLeod, R. ATM congestion control using a fuzzy neural network 16028
Kwok, H.K., Jones, D.L. Improved FM demodulation in a fading environment 34528
Kwok, H.K.C., Jones, D.L. Instantaneous frequency estimation using an adaptive short-time Fourier transform 4808
Kwok, H.S. *see* Sun, X.W. 2063
Kwok, K.W. *see* Ploss, B. 54929
Kwok, R. *see* Nghiem, S.V. 38078
Kwok, R. *see* Nghiem, S.V. 60077
Kwok, R.W.M. *see* Ka Wai Wong 2299
Kwok, S.H., Constantinides, A.G. A fast recursive shortest spanning tree for image segmentation and edge detection 25644
Kwok, S.S.L. *see* Martins, H. 10189
Kwok, W. *see* Reininger, D. 35354
Kwok, W.K. *see* Crabtree, G.W. 55087
Kwok, W.M. *see* Bow, Y.C. 36788
Kwok Chee Yee *see* Chee Yee Kwok
Kwok Ching Kwong *see* Ching Kwong Kwok
Kwok Fai Hui, Shi, B.E. Robustness of CNN implementations for Gabor-type filtering 53489
Kwok Leung Lam *see* Heang-Ping Chan 49523
Kwok Leung Lam *see* Heang-Ping Chan 57542
Kwok Yeung Tsang, Ngai, K.L. Relaxation in interacting arrays of oscillators 1171
Kwok-Chiang Ho, Kah-Chye Tan, Tan, B.T.G. Estimation of directions-of-arrival of partially polarized signals with electromagnetic vector sensors 25127
Kwok-Chiang Ho *see* Kah-Chye Tan 15342
Kwok-Kei Lai, Wu, P.S.Y. Fast cellular feature extraction method 25334
Kwok-Shing Leung *see* Gong, J. 11036
Kwok-Tung Lo, Shing-Mo Cheng Dynamic codebook adaptive vector quantization for image compression 5034
Kwok-Tung Lo *see* Feng, J. 5774
Kwok-Tung Lo *see* Jian Feng 57446
Kwok-Wa Lam, Sheung-Lun Hung A pre-emptive transaction scheduling protocol for controlling priority inversion 5868
Kwok-Wah Hui, Bo-Yu Wu, Chiang, K.S. Experimental separation of different kinds of optical losses in integrated electro-optic modulators 55301
Kwok-Wah Hui, Wu, B.Y., Choi, Y.M., Peng, J.H., Chiang, K.S. Design of modified phase reversal electrode in broad-band electrooptic modulators at 100 GHz 23585
Kwok-Wai Cheung *see* Chao Su 58270
Kwok-Wai Cheung *see* Hui, J.Y. 16412
Kwok-Yan Lam, Hui, L.C.K. Efficient nearer-ancestor algorithm for network routing 16335
Kwolek, B., Wysocki, M. Vision feedback based multiprocessor control system 5223
Kwolek, K.M., Nolte, D.D. Diffraction from photorefractive gratings in quarter-wave semiconductor mirrors 14457
Kwon, B. *see* Cho, K.-H. 46593
Kwon, B.I. *see* Im, D.H. 51016
Kwon, B.K. *see* Lee, H.S. 27213
Kwon, D. *see* Dean, D. 18391
Kwon, G.C. *see* Seong-Heon Seo 60892
Kwon, H. *see* Nasrabadi, N.M. 8661
Kwon, H. *see* Nasrabadi, N.M. 60170
Kwon, H.K. *see* Lee, W. 21644
Kwon, H.M., Kwang Bok Lee A novel digital FM receiver for mobile and personal communications 6642
Kwon, H.S. *see* Lee, Y.S. 24506
Kwon, I.B. *see* Hong, C.S. 17426
Kwon, I.W., Seong, P.H. A method of knowledge base verification for nuclear power plant expert systems using extended Petri nets 50748
Kwon, K.-I., Hong, D.-H. Calculation of electromagnetic field of a compact range reflector 4377
Kwon, K.H., Yoo, B.H., Yoon, G.J. A characterization of Hermite polynomials 40141
Kwon, K.H. *see* Jung, I.H. 40214
Kwon, O.D. *see* Son, N.J. 24018
Kwon, O.H. *see* Choi, J.D. 1363
Kwon, O.H. *see* Kim, D.J. 1362
Kwon, O.K., Hyun, K.S., Kim, K., Lee, E.-H., Mei, X.B., Tu, C.W. Large nonbiased optical bistability device in electroabsorption modulator using symmetric two p-i-n-i-p diode structures 13703
Kwon, O.K. *see* Cho, D.H. 43297
Kwon, O.W., Un, C.K. Performance of HMM-based speech recognizers with discriminative state-weights 4605
Kwon, S.-G. *see* Keinert, F. 25170
Kwon, S.-K. *see* Kim, K.-J. 46268
Kwon, S.D., Lim, H., Shin, H.K., Byung-Doo Choe Influence of carrier flow on the temperature-dependent capacitance-voltage profiles of heterojunction structures 2102
Kwon, S.D. *see* Moon, C.R. 32069
Kwon, S.H., Kim, K.H., Song, J.H., Choy, I., Kim, K.B. Improvement of characteristics of 2 phase hybrid step motors by microstepping drive 29666
Kwon, S.H. *see* Ick Choy 51664
Kwon, S.L., Lee, Y.J., Kang, S.C., Kang, C.E., Hong, D.S. A multilayer perceptron structured decision feedback equalizer using the backpropagation algorithm 6484
Kwon, T.-K., Song, J.-S. A key distribution and authentication method on the Q.931 calling sequence of ISDN 45597
Kwon, T.Y., Ju, J.J., Kim, H.K., Kim, D.J., Cha, J.W., Kim, J.N., Yun, S.I., Cha, M. Quadratic nonlinear optical coefficients of pure and MgO-doped lithium diborate crystals 44728
Kwon, T.Y. *see* Ju, J.J. 24240
Kwon, Y.-K. *see* Bae, Y.-H. 42298
Kwon, Y.A., Kim, S.H., Shin, J.K. Computation of optimal excitation of a switched reluctance motor using variable voltage 51657
Kwon, Y.S. *see* Kim, H.S. 55753
Kwon Bong-Hwan *see* Bong-Hwan Kwon
Kwon Boseob *see* Boseob Kwon
Kwon Chang-Soon *see* Chang-Soon Kwon
Kwon Chul Han *see* Chul Han Kwon
Kwon Chul Park *see* Bhum Cheol Lee 53077
Kwon Chul Park *see* Byoung-Whi Kim 32021
Kwon Chul Park *see* Moung Ho Lee 41596
Kwon Dae-Hyuk *see* Dae-Hyuk Kwon
Kwon Heesung *see* Heesung Kwon
Kwon Ho Ki *see* Ho Ki Kwon
Kwon Hyuck Moo *see* Hyuck Moo Kwon
Kwon Hyuk Chan *see* Hyuk Chan Kwon
Kwon Il-Bum *see* Il-Bum Kwon
Kwon Ja Byeoung *see* Byeoung Kwon Ja
Kwon Jangwoo *see* Jangwoo Kwon
Kwon Jong Soo *see* Jong Soo Kwon
Kwon Joong-Sung *see* Joong-Sung Kwon
Kwon Ju Byeong *see* Byeong Kwon Ju
Kwon Jun-Sik *see* Jun-Sik Kwon
Kwon Kee-Choon *see* Kee-Choon Kwon
Kwon Ki-Jin *see* Ki-Jin Kwon
Kwon Kim Bog *see* Bog Kwon Kim
Kwon Kwang-Ho *see* Kwang-Ho Kwon
Kwon Kyoung Hwan *see* Kyoung Hwan Kwon
Kwon O-Kyun *see* O-Kyun Kwon
Kwon Oh Wook *see* Oh Wook Kwon
Kwon Oh-Il *see* Oh-Il Kwon
Kwon Oh-Jun *see* Oh-Jun Kwon
Kwon Oh-Kyong *see* Oh-Kyong Kwon
Kwon Oh-Kyu *see* Oh-Kyu Kwon
Kwon Oh-Sung *see* Oh-Sung Kwon
Kwon Oh-Young *see* Oh-Young Kwon
Kwon Sang Dong *see* Sang Dong Kwon
Kwon Sang Jik *see* Sang Jik Kwon
Kwon Sang-Keun *see* Sang-Keun Kwon
Kwon Se Hyug *see* Se Hyug Kwon
Kwon Seongwook *see* Seongwook Kwon
Kwon Song Byung *see* Byung Kwon Song
Kwon Soon Kurl *see* Soon Kurl Kwon
Kwon Soon-Kurl *see* Soon-Kurl Kwon
Kwon Sugeon *see* Sugeon Kwon
Kwon Suk-Chon *see* Suk-Chon Kwon
Kwon Sung-Oh *see* Sung-Oh Kwon
Kwon Tae Ha *see* Tae Ha Kwon
Kwon Taeck-Geun *see* Taeck-Geun Kwon
Kwon Taekyolng *see* Taekyolng Kwon
Kwon Taekyoung *see* Taekyoung Kwon
Kwon Wook Hyun *see* Wook Hyun Kwon
Kwon Yong Rae *see* Yong Rae Kwon
Kwon Yong-Moo *see* Yong-Moo Kwon
Kwon Yool *see* Yool Kwon
Kwon Young Min *see* Young Min Kwon
Kwon Young-Bin *see* Young-Bin Kwon
Kwon Young-Kyu *see* Young-Kyu Kwon
Kwon Young-Se *see* Young-Se Kwon
Kwon Youngwoo *see* Youngwoo Kwon
Kwon-Woo Lee *see* Seong-Min Lee 1408
Kwon-Woo Lee *see* Seong-Min Lee 11891
Kwon-Young Choi, Hong-Seok Choi, Min-Koo Han A novel LDD-structured poly-Si thin film transistors with high ON/OFF ratio 54670
Kwon-Young Choi, Juhn-Suk Yoo, Min-Koo Han, Yong-Sang Kim Hydrogen passivation on the grain boundary and intragranular defects in various polysilicon thin film transistors 22795
Kwon-Young Choi, Min-Koo Han A novel gate-overlapped LDD poly-Si thin-film transistor 12936
Kwon-Young Choi *see* Yong-Sang Kim 43012
Kwong, D.L. *see* Choi, P.S. 42367
Kwong, D.L. *see* Kamath, A. 22548
Kwong, D.L. *see* Kim, B.Y. 54799
Kwong, D.L. *see* Su, T. 42413
Kwong, N. *see* Binder, R. 41814
Kwong, S. *see* Tang, K.S. 4713
Kwong, S. *see* Tang, K.S. 11215
Kwong, W.C., Gun-Chang Yang An algebraic approach to the unequal-spaced channel-allocation problem in WDM lightwave systems 47924
Kwong, W.C., Yang, G.-C. Eliminating four-wave-mixing crosstalk in wavelength-division multiplexing systems 26849
Kwong, W.C., Yang, G.-C., Prucnal, P.R. 2^n coding architecture for optical code-division multiple-access 26215
Kwong, W.C. *see* Guu-Chang Yang 34628
Kwong, W.C. *see* Yang, G.-C. 47957
Kwong, W.C. *see* Zhang, J.-G. 36122
Kwong, W.C.K. *see* Chen, L. 20851
Kwong Chak Chu *see* Chu Kwong Chak
Kwong Kwok Ching *see* Ching Kwong Kwok
Kwonhue Choi *see* Kyungwhoon Cheun 6480
Kwonjong Yu *see* Jinsoo Song 30860
Kwor, R. *see* Zheng, D.W. 32161
Kwun Hegeon *see* Hegeon Kwun
Kwun-Yao Ho, Miyayama, M., Yanagida, H. NO_x response properties in DC current of Nd_2CuO_4/4YSZ/Pt element 17593
Kwyro Lee *see* Jin-Su Ko 53521
Kwyro Lee *see* Seog-Jun Lee 1156
Kwyro Lee *see* Seog-Jun Lee 21535
Ky Nguyen Hong *see* Nguyen Hong Ky
Ky-Am Lee *see* Kook-Sang Park 55425
Kyandoghere, K. Multiple-availability-level ATM network concept integrating multiple QOS, dynamic demand admission and logical spare capacity assignment 26261
Kyberd, P.J. *see* Gardner, T.N. 18303
Kycia, S. *see* Headrick, R.L. 21301
Kycia, T. *see* Fernow, R.C. 17931
Kycia, T. *see* Palmer, R.B. 17966
Kydzinovski, S.Yu. *see* Evtukh, A.A. 53941
Kye, H.W. *see* Kim, T.H. 21700
Kye, J.-W. *see* Kim, H.-J. 22639
Kye, J.-W. *see* Lim, S.-C. 2462
Kye, M.H. *see* Kim, E.S. 51301
Kye Moon-Ho *see* Moon-Ho Kye
Kye Sang Lee *see* Jin Seek Choi 47472
Kye-Hyun Kyung *see* Jei-Hwan Yoo 1335
Kye-ik Jeon, Young-se Kwon, Song-cheol Hong A frequency dispersion model of GaAs MESFET for large-signal applications 32446
Kye-Kyung Kim, Jin-Ho Kim, Sung-Il Chien, Heung-Moon Choi An efficient character recognition algorithm in printed Korean/English documents including touching characters 57173
Kyehee Yeom *see* Il-Kwon Kim 41170
Kyek, O., Parberry, I., Wegener, I. Bounds on the number of knight's tours 52491
Kyeng-Yong Kang *see* Tong-Ha Kim 7095
Kyeom Kim In *see* In Kyeom Kim
Kyeong Bong Ha, Chang Bum Lee, Rae-Hong Park Computation method of effective bandwidth of VBR MPEG video traffic using the modified equivalent capacity 46239

Kyeong Bong Ha *see* Chang Bum Lee 5734
Kyeong Ko Do *see* Do Kyeong Ko
Kyeong Lee *see* Bicknell-Tassius, R.N. 21231
Kyeong Mun Geon *see* Mun Geon Kyeong
Kyeong Seok Lee, Young Min Kang, Sunggi Baik Domain structure of epitaxial PZT thin films grown on MgO(001) by RF magnetron sputtering 54920
Kyeong-Hwa Kim, In-Cheol Baik, Gun-Woo Moon, Dae-Sik Lee, Myung-Joong Youn Adaptive input-output linearization technique of interior permanent magnet synchronous motor with specified output dynamic performance 38708
Kyeong-Jin Lee *see* Gwan-Soo Park 43704
Kyeong-Ryeol Park, Chung-Nim Lee Scale-space using mathematical morphology 5491
Kyeong-Sik Min, Hirokawa, J., Sakurai, K., Ando, M., Goto, N., Hara, Y. A circularly polarized waveguide narrow-wall slot array using a single layer polarization converter 34385
Kyeong-Woon Lee *see* Seong-Ho Jeon 32271
Kyeongcheol Yang *see* Jong-Seon No 24622
Kyeongho Lee *see* Sungjoon Kim 2820
Kyeongho Park *see* Park Kyeongho
Kyeonghoon Koo, Wook Hyun Kwon Worst-case timing prediction of relay ladder logic by constraint analysis 1272
Kyeounsoo Kim, Soon Hwa Jang, Jae Ho Kim, Kyung Sik Son Architecture of 2-D DCT processor adopting accuracy compensator 48409
Kykkotis, C.E., Ghafouri-Shiraz, H., Hall, P.S., Wake, D. Optical fibre-fed radio system configurations 58119
Kylanpaa, M., Pihlajamaa, O., Bergenwall, M. Nomadic access to information services by a GSM phone 16255
Kyler, K. *see* Parsey, J.M., Jr. 12028
Kyles, I. *see* Nati, S. 31207
Kyllesbech, L.K. *see* Cowern, N.E.B. 31747
Kyllesbech, L.K. *see* Privitera, V. 31746
Kylner, A., Rockett, A., Stolt, L. Oxygen in solution grown CdS films for thin film solar cells 10830
Kynor, D.B. *see* Steiner, P.R. 59505
Kyo Il Chung, Chae Tak Lim Transform methods for PAM signals as asymmetric distribution and performance comparison of bicepstrum blind equalizer using asymmetric distribution 4630
Kyo Il Chung, Chae Tak Lim Hybrid blind equalizer for improvement of convergence performance 56555
Kyo Jung Hyun *see* Hyun Kyo Jung
Kyo-Seung Lee *see* Jin-Ho Lee 43838
Kyoh, S., Sakurai, H., Iwamatsu, T., Yamada, A., Higashikawa, I. Evaluation of phase and transmittance error on deep UV halftone phase shift mask 22641
Kyok Kim, Hongki Sung, Hoonbock Lee Performance analysis of the TCP/IP protocol under UNIX operating systems for high performance computing and communications 57664
Kyokane, J., Yoshino, K. Organic solid capacitor with conducting thin films as electrolyte by ion-beam-assisted deposition 11757
Kyokane, J. *see* Hamaguchi, M. 33289
Kyoko, U.I. *see* Wada, M. 27557
Kyomasu, M. *see* Warashina, Y. 10151
Kyong Bong Ha, Chang Bum Lee, Rae-Hong Park Connection admission control for video traffic using modified equivalent capacity 46865
Kyong Hon Kim *see* Hak Kyu Lee 16514
Kyong Hon Kim *see* Hak Kyu Lee 26805
Kyong Hon Kim *see* Min-Yong Jeon 14003
Kyong Kim Yun *see* Yun Kyong Kim
Kyong-Sik Om, Jae-Ho Chung Detection of left ventricular contours based on elliptic approximation and ML estimate in angiographic images 37627
Kyong-Sub Kim *see* Byung-Hyuk Jun 55374
Kyono, C. *see* Jun Ma 13148
Kyono, M. *see* Egawa, T. 51078
Kyoohyun Lim, Seunghee Choi, Beomsup Kim Optimal loop bandwidth design for low noise PLL applications 40809
Kyoon Kim Sang *see* Sang Kyoon Kim
Kyosun Kim, Karri, R., Potkonjak, M. Maximizing the fault-tolerance of application specific programmable signal processors 31295
Kyou Lim Sung *see* Sung Kyou Lim
Kyou-Ho Lee *see* Jong-Oh Kim 57736
Kyou-Ho Lee *see* Young-Wook Cha 57563
Kyoung Baek hae *see* hae Kyoung Baek
Kyoung Ha Kim, Jung, C.U., Noh, T.W., Kim, S.C. Transport and optical properties of pulsed laser deposited $BaPb_{1-x}Bi_xO_3$ thin films 2056
Kyoung Hwan Kwon, Gab Joong Jeong, Moon Key Lee, Seung Han Ahn A scalable memory system design 53273
Kyoung Ik Cho *see* Sung Weon Kang 41768
Kyoung Joung Lee, Se Jin Lee The computation of the torso surface potentials using the boundary element method 18433
Kyoung Wan Park *see* Seongjae Lee 2142
Kyoung-Bae Eum, Joonwhoan Lee, Venetsanopoulos, A.N. Color image segmentation using a possibilistic approach 25588
Kyoung-Hwan Ju *see* Ju Kyoung-Hwan
Kyoung-Min Loe *see* Meyer, K.L. 7990
Kyoung-Ok Kim, Young-Kyu Yang, Jong Hoon Lee, Tae-Ho Kang, Tae-Kyun Kim Invariant image recognition using neural network 57523
Kyoung-Ok Lee *see* Bok-Hee Lee 24320
Kyoung-Ryul Yoon, Seok Kim, Doo-Jin Choi, Ki-Hwan Kim, Seok-Keun Koh Chemical vapor deposition of copper films: influence of the seeding layers 40596
Kyoung-Sang Yu, Hyuck Yoo Elimination of data copying for multimedia communication 6332
Kyoung-Sun Seo, Young-Ho Cho, Sung-Kie Youn A bulk-micromachined silicon micromirror for tunable optical switch applications 13774
Kyoung-Sun Seo, Young-Ho Cho, Sung-Kie Youn Tunable micromirror switches using (110) silicon wafer 23630
Kyoung-Sun Seo, Young-Ho Cho, Sung-Kie Youn An electrostatically-tunable switching micromirror using (110) silicon wafers 44152
Kyoung-Yul Bae, Ha-Kyun Kim, Sung-Chan Hong, Hyung-Kyo Kim A study on the advanced P/E ratio comparing the classical regression model versus the fuzzy approach 40027
Kyoungrok Cho *see* Kwangsik Kim 47731
Kyranastasis, G.J. NEAPOLIS: a special tool for electrical power engineering education. I. Electrical motors 19693
Kyriacou, G.A., Sahalos, J.N. On the design of an SCMSA antenna printed in a substrate-superstrate configuration 24576
Kyriacou, G.A., Sahalos, J.N. A Wiener-Hopf-type analysis of uniaxial substrate-superstrate microstrip structures 56079
Kyriacou, P.A., Jones, D.P. Compliance monitor for use with removable orthodontic headgear appliances 49752
Kyriakidis, G. *see* Mailis, S. 24301
Kyser, E.L. Qualification of surface mount technologies for random vibration in environmental stress screens 52160
Kyser, R.H. *see* Choi, J.J. 1940
Kyslak, I. *see* Osuhivs'ka, H. 49644
Kytin, V.G. *see* Denisov, L.K. 44373
Kytin, V.G. *see* Kul'bachinskii, V.A. 31947
Kytina, I.G. *see* Denisov, L.K. 44373
Kyu Chang Park, Jong Hyun Moon, Suk Jae Chung, Jin Jang, Myung Hwan Oh, Milne, W.I. Deposition of n-type diamondlike carbon by using the layer-by-layer technique and its electron emission properties 40552
Kyu Choi Ho *see* Ho Kyu Choi
Kyu Ha Nam *see* Nam Kyu Ha
Kyu Ho Park *see* Choong Hwan Lee 5244
Kyu Ho Park *see* Kwang Il Park 52951
Kyu Ho Park *see* Kwang Il Park 52989
Kyu Ho Park *see* Kwang-Man Oh 5026
Kyu Jin Sang *see* Sang Kyu Jin
Kyu Kang Ho *see* Ho Kyu Kang
Kyu Kim Eun *see* Eun Kyu Kim
Kyu Lee Hak *see* Hak Kyu Lee
Kyu Lim Hyung *see* Hyung Kyu Lim
Kyu Noh Sam *see* Sam Kyu Noh
Kyu Song Min *see* Min Kyu Song
Kyu Tae Park *see* In Kyeom Kim 15673
Kyu Tae Park *see* Seung Hyeon Rhee 4948
Kyu Tae Park *see* Seunghyeon Rhee 56487
Kyu Tae Park *see* Yong Surk Lee 1233
Kyu Tae Park *see* Yong Surk Lee 31348
Kyu Yu Hyun *see* Hyun Kyu Yu
Kyu-Chan Lee *see* Jei-Hwan Yoo 1335
Kyu-Chang Chun *see* Kyung-Hoon Min 2420
Kyu-Charn Park *see* Il-Kwon Kim 41170
Kyu-Ha Baek *see* Chang-Il Kim 54528
Kyu-Ha Baek *see* Yong-Sun Yoon 43256
Kyu-Haeng Lee *see* Do-Hyun Park 23866
Kyu-Jin Lee *see* Tae-Je Cho 216
Kyu-Jun Park *see* Sung Ho Lee 41819
Kyu-Min Cho *see* Young-Seok Kim 51040
Kyu-Myung Choi *see* Hanbin Kim 11285
Kyu-Phil Han *see* Yong-Suk Kim 57064
Kyu-Phil Lee *see* Jei-Hwan Yoo 1335
Kyu-Seok Lee *see* Lee, C.D. 42108
Kyu-Sik Park, Sung-Chan Hong, Hyeong-Kyo Kim Optimized subband coding of images 57209
Kyu-Tae Kim, Sakamoto, Y., Sakuraba, T. Comparison of 10 V calibrations between KRISS and ETL 27237
Kyu-Yul Choi *see* Kuy-Tae Kim 41375
Kyuchan Lee, Changhyun Kim, Dong-Ryul Ryu, Jai-Hoon Sim, Sang-Bo Lee, Byung-Sik Moon, Keum-Yong Kim, Nam-Jong Kim, Seung-Moon Yoo, Hongil Yoon, Jei-Hwan Yoo, Soo-In Cho Low-voltage, high-speed circuit designs for gigabit DRAMs 53291
Kyuchung Lee *see* Dong Hyun Yun 27726
Kyuchung Lee *see* Hyung-Ki Hong 36760
Kyuma, K. *see* Sakashita, N. 1340
Kyuma, K. *see* Sakashita, N. 41142
Kyuma, K. *see* Tamura, T. 32485
Kyuma, K. *see* Tanaka, K. 31424
Kyun Choi Jun *see* Jun Kyun Choi
Kyun Kim Hyang *see* Hyang Kyun Kim
Kyun Park Jin *see* Jin Kyun Park
Kyung, C.M., Park, I.C., Hong, S.K., Seong, K.S., Kong, B.S., Lee, S.J., Choi, H., Maeng, S.R., Kim, D.T., Kim, J.S., Park, S.H., Kang, Y.J. HK386: an x86-compatible 32-bit CISC microprocessor 41259
Kyung, C.M. *see* Lee, H.C. 16032
Kyung, C.M. *see* Lee, H.C. 35424
Kyung, M.H. *see* Chang, S.G. 57576
Kyung Choi *see* Hyang-beom Lee 51022
Kyung Choi *see* Hyoung Joong Kim 51852
Kyung Choi Yoon *see* Yoon Kyung Choi
Kyung Chong-Min *see* Chong-Min Kyung
Kyung Chung Tae *see* Tae Kyung Chung
Kyung Goo Moh, Hong Shick Min, Young June Park Investigation of the existing thermal noise theories for field-effect transistors using the Monte Carlo method and the generalized Ramo-Shockley theorem 43128
Kyung Ha Lee *see* Yong Hoon Kim 47863
Kyung Hee Lee, Doohyun Kim, Hyeokhee Lee, Chan Geun Jung A technique for reducing audio delay in computer-based audio-video teleconferencing systems 26273
Kyung Hi Chang *see* Xu Duan Lin 35970
Kyung Ho Shin *see* Chang-Min Park 32822
Kyung Joo Mo, Gibaek Lee, Donk Soo Nam, Yeo Hong Yoon, En Sup Yoon Robust fault diagnosis based on clustered symptom trees 30384
Kyung Joun Yoo *see* Di Fabrizio, E. 42886
Kyung Kang *see* Chance, B. 8008
Kyung Kim Ho *see* Ho Kyung Kim
Kyung Kye-Hyun *see* Kye-Hyun Kyung
Kyung Myun Kim, Kwang Sub Yoon An 8-bit CMOS current-mode folding and interpolation A/D converter with three-level folding amplifiers 53371
Kyung Pak, Leung Tsang, Weeks, R., Shi, J.C., Rott, H. Electromagnetic wave scattering from real-life rough surface profiles and profiles based on an averaged spectrum 8380
Kyung Pak *see* Leung Tsang 8384
Kyung Sam Park, Soung Hie Kim Tools for interactive multiattribute decisionmaking with incompletely identified information 52441
Kyung Sang Cho *see* Jeong-Woo Choi 36717
Kyung Sik Son *see* Kyeounsoo Kim 48409
Kyung Sub Joo, Bose, T., Guo Fang Xu Image restoration using a conjugate gradient based adaptive filtering algorithm 46484
Kyung Sub Joo, Gschwind, D.R., Bose, T. ADPCM encoding of images using a conjugate gradient based adaptive algorithm 25373
Kyung Suh Eun *see* Eun Kyung Suh
Kyung Suk Yun *see* Hyung Sun Kim 29531
Kyung Tek Lee, Nordquist, C., Abraham, J.A. Test generation for crosstalk effects in VLSI circuits 17207
Kyung Wha Kim *see* Hyun Shik Kang 40495
Kyung Youn Kim, Joong Soo Kim An IMM approach for tracking a manoeuvring target with kinematic constraints based on the square root information filter 34716
Kyung-Ho Kim *see* Jin-Kyu Park 13104
Kyung-Ho Kim *see* Sang-Hoon Lee 13105
Kyung-Hoo Lee *see* Morales, A. 35344
Kyung-Hoon Jang *see* Sang-Shin Yoo 47484
Kyung-Hoon Lee, Byung-Tae Choi, Morales, A., Sung-Jea Ko Basis matrix representation of morphological filters with N-dimensional structuring elements 57063
Kyung-Hoon Lee, Morales, A., Sung-Jea Ko Adaptive basis matrix for the morphological function processing opening and closing 57189
Kyung-Hoon Min, Kyu-Chang Chun, Ki-Bum Kim Comparative study of tantalum and tantalum nitrides (Ta_2N and TaN) as a diffusion barrier for Cu metallization 2420
Kyung-Hwa Yoo *see* Park, J.W. 32003
Kyung-Hyun Park *see* Tae-Geun Kim 23899
Kyung-Im Son, Soma, M. Dynamic life-estimation of CMOS ICs in real operating environment: precise electrical method and MLE 54781
Kyung-Koo Han *see* Uchida, K. 45116
Kyung-Ku Choi, Yong-Taek Jeoung, Tae-Seok Lee, Cheon-Soon Yang, Hong-Kuk Kim, Jae-Mook Kim Voltage annealing effect on anodic oxide/$Hg_{0.8}Cd_{0.2}Te$ 32112
Kyung-Soo Kim *see* Chung-Wook Suh 58044
Kyung-Soo Lee *see* Myung-Sung Lee 58211
Kyung-Sook Hyun, Chan-Yong Park Breakdown characteristics in InP/InGaAs avalanche photodiode with p-i-n multiplication layer structure 44240
Kyung-Soon Cho *see* Nung-Pyo Hong 43445
Kyung-Wook Jang *see* Byoung-Gue Min 31908
Kyung-Wook Paik *see* Soon-Jin Cho 52249
Kyung-Youl Sohn *see* Hyung-Rae Park 6612
Kyunghee Choi *see* Sangjoong Kim 46303
KyungHi Chang, XuDuan Lin, HuiJuan Li Wavelet-based multi-carrier CDMA for personal communications systems 16614
Kyunghoon Yoon *see* Jinsoo Song 30860
Kyungmin Na, Soo-Ik Chae GPD training of the state weighting functions in hidden control neural network 34640
Kyungmoo Huh An approach of the order identification for the transfer function of systems with superimposed noise 15420
Kyungshik Lim, Yann-Hang Lee Optimal partitioning of heterogeneous traffic sources in mobile communications networks 47092
Kyungsoo Kim *see* Jin-Il Hyun 6653
Kyungwhoon Cheun, Kwonhue Choi Performance of FHSS multiple-access networks using MFSK modulation 6480
Kyungwon An, Dasari, R.R., Feld, M.S. The microlaser: a fundamental quantum generator of light 23727

Kyuno, K. *see* Jae-Geun Ha 43665
Kyuragi, H. Characterization of silicon nitride films formed by synchrotron radiation-excited chemical vapor deposition 851
Kyusik Sin, Glijer, P., Sivertsen, J.M., Judy, J.H. Magnetic force microscopy studies of ultrahigh density magnetic recording on longitudinal and perpendicular media 43691
Kyusojin, A. *see* Oiwa, T. 3005

L., C.L.Pando *see* Pando L., C.L.
L. Olvera, M.de la *see* de la L. Olvera, M.
La Barny, P., Dentan, V., Robin, P., Soyer, F., Vergnolle, M. Broadband visible reverse saturable absorption in silicon phthalocyanine solution and polymer 24233
la Barra, G.E.de *see* de la Barra, G.E.
La Barra, M.B.de *see* de la Barra, M.B.
La Barra S, B.A.de *see* de La Barra S, B.A.
La Barre, F.De *see* De La Barre, F.
la Bathie, R.P.De *see* De la Bathie, R.P.
La Bihan, J. *see* Sharaiha, A. 55724
la Blanca, N.Perez de *see* Perez de la Blanca, N.
La Borde, B. New fast discrete wavelet 34905
La Cascia, M. *see* Ardizzone, E. 46054
La Cascia, M. *see* Ardizzone, E. 46064
La Cava, F. *see* Andryakov, A. 37226
La Corte, A., Lombardo, A., Schembra, G. Comparison of routing strategies in an ATM multimedia environment 6328
La Corte, A. *see* Casale, S. 16336
la Cruz, E.de *see* de la Cruz, E.
la Cruz, G.Gonzalez de *see* Gonzalez de la Cruz, G.
la Cruz, W.de *see* de la Cruz, W.
La Duong *see* Duong La
La Ferrara, V. *see* Di Francia, G. 41817
La Fontaine, B. *see* Kania, D.R. 22664
La Fontaine, R. European GERTRUDE project report: printed circuit board CAD/CAM data transfer using EDIF 31577
la Fuente, J.Grajal de *see* Grajal de la Fuente, J.
La Fuente, M.L.De *see* De La Fuente, M.L.
la Fuente, R.de *see* de la Fuente, R.
La Grone, M.J. *see* Radzewicz, C. 44676
La Guardia, R.De *see* De La Guardia, R.
La Jeune, P., Robart, D., Marie, X., Amand, T., Brousseau, M., Barrau, J., Kalevich, V., Rodichev, D. Anisotropy of the electron Lande g factor in quantum wells 54076
la L. Olvera, M.de *see* de la L. Olvera, M.
La Macchia, M. *see* Reed, R.A. 22748
La Monica, S. *see* De Cesare, G. 832
La Monica, S. *see* Ferrari, A. 42504
La Monica, S. *see* Masini, G. 44272
la Mothe, J.de *see* de la Mothe, J.
la Motte, P.-W.de *see* de la Motte, P.-W.
La Noe, J.de *see* de La Noe, J.
la O, A.de *see* de la O, A.
La Paglia, L *see* Catania, V. 47172
La Parra, H.Zelaya De *see* Zelaya De La Parra, H.
La Paz Alva, C.De *see* De La Paz Alva, C.
La Penna, P. *see* Luiten, A.N. 48500
La Porta, T.F., Sabnani, K.K., Gitlin, R.D. Challenges for nomadic computing: mobility management and wireless communications 6213
La Porta, T.F., Sabnani, K.K., Sawkar, A.S. Distributed call processing for wireless mobile networks 47694
La Porta, T.F., Veeraraghavan, M., Buskens, R.W. Comparison of signaling loads for PCS systems 26618
La Porta, T.F. *see* Veeraraghavan, M. 47596
La Rana, G. *see* Fioretto, E. 59283
La Rana, G. *see* Scheurer, J.N. 59353
La Rosa, A.H., Yakobsen, B.I., Hallen, H.D. Optical imaging of carrier dynamics in silicon with subwavelength resolution 41865
La Rosa, C. *see* Pariente, F. 7443
La Rosa, E.De *see* De La Rosa, E.
La Rosa, G. *see* Lombardo, S. 32367
La Rosa, J.De *see* De La Rosa, J.
la Rose, E.de *see* de la Rose, E.
la Rubia, T.Diaz de *see* Diaz de la Rubia, T.
La Rue, R.A., Costello, K.A., Davis, C.A., Edgecumbe, J.P., Aebi, V.W. Photon counting III-V hybrid photomultipliers using transmission mode photocathodes 41804
la Rue, R.M.De *see* De la Rue, R.M.
La Scala, M., Lorusso, G., Sbrizzai, R., Trovato, M. A qualitative approach to the transient stability analysis [of power systems] 19108
La Scala, M., Sblendorio, G., Bose, A., Wu, J.Q. Comparison of algorithms for transient stability simulations on shared and distributed memory multiprocessors 19111
La Scala, M. *see* Aloisio, G. 8766
La Scala, M. *see* Aloisio, G. 60221
La Scala, M. *see* De Angelis, G. 8762
la Tocnaye, J.L.de Bougrenet de *see* de Bougrenet de la Tocnaye, J.L.
La Torre, A.De *see* De La Torre, A.
La Torre, C.De *see* De La Torre, C.
la Torre, E.de *see* de la Torre, E.
la Torre, L.de *see* de la Torre, L.
la Torre Munilla, C.de *see* de la Torre Munilla, C.
La Via, F., Rimini, E. Electrical characterization of ultra-shallow junctions formed by diffusion from a $CoSi_2$ layer 42088
La Via, F., Rimini, E. Electrical characterization of ultra-shallow junctions formed by diffusion from a $CoSi_2$ diffusion source 43330
La Via, F. *see* Lombardo, S. 22526
La Youhong *see* Youhong La
Laabs, H. *see* Jones, R.D. 55789
Laad, D.K. Design and development of improved versions of TAO659 traction motor for electric locomotives 61280
Laading, J.K. *see* Baydush, A.H. 49508
Laakso, C.W., Barrow, W.A. Use of a scanning projection exposure tool in fabrication of full color TFEL displays 17669
Laakso, T. *see* Tarczynski, A. 4720
Laakso, T.I. *see* Bland, D.M. 4704
Laakso, T.I. *see* Kauraniemi, J. 15360
Laakso, T.I. *see* Yardim, A. 21808
Laaksonen, J., Oja, E. Subspace dimension selection and averaged learning subspace method in handwritten digit classification 15869
Laamanen, T., Autio, E. Dominant dynamic complementarities and technology-motivated acquisitions of new, technology-based firms 52084
Laan, H.Van Der *see* Van Der Laan, H.
Laan, M.D.van der *see* van der Laan, M.D.
Laan, P.C.T.van der *see* van der Laan, P.C.T.
Laarne, P., Hyttinen, J., Malmivuo, J., Eskola, H. Application of the reciprocity theorem to EEG using a realistic head model 59705
Laarne, P. *see* Hyttinen, J. 49697
Laarne, P. *see* Lahtinen, A. 59710
Laat, C.T.A.M.de *see* de Laat, C.T.A.M.
Laatikainen, J., Kess, P. X-ray inspection helps improve process yield 52325
Labachelerie, M.de *see* de Labachelerie, M.
Labahn, G. *see* Beckermann, B. 30555
Labahn, G. *see* Storjohann, A. 21154
Labandeira-Villot, X. Market instruments and the control of acid rain damage. Effects of a sulphur tax on the Spanish electricity generating industry 9086
Labanti, C. *see* Di Cocco, G. 59368
LaBarca, R.S. *see* Skinner, J.M. 36441
Labardi, M. *see* Gennari, S. 10839
Labarrere, M. *see* Michel, L. 17428
Labarta, A. *see* Batlle, X. 3162
Labat, N. *see* Maneux, C. 2590
Labataille, J.F. *see* Hull, J.R. 39258
L'Abbate, M., Bombaci, O., Caltagirone, F. ENVISAT-1 Microwave Radiometer (MWR): current design status 50022
L'Abbate, M. *see* Bombaci, O. 50023
Labbe, H.J. *see* Sullivan, B.T. 2282
Labeau, F. *see* Vandendorpe, L. 46355
Labeau, M. *see* Rumyantseva, M.N. 36739
LaBel, K.A., Flanegan, M., Jackson, G., Hawkins, D., Dale, C.J., Marshall, P.W., Johnson, D., Seidleck, C., Bonebright, R.K., Kim, J.H., Chan, E.Y., Bocek, T.M., Bartholet, B. Preliminary ground test radiation results of NASA's MPTB dual-rate 1773 experiment 49857
LaBel, K.A., Gates, M.M., Moran, A.K., Kim, H.S., Seidleck, C.M., Marshall, P., Kinnison, J., Carkhuff, B. Radiation effect characterization and test methods of single-chip and multi-chip stacked 16 Mbit DRAMs 21696
LaBel, K.A., Moran, A.K., Hawkins, D.K., Sanders, A.B., Seidleck, C.M., Kim, H.S., Forney, J.E., Stassinopoulos, E.G., Marshall, P., Dale, C., Kinnison, J., Carkhuff, B. Current single event effect test results for candidate spacecraft electronics 43327
LaBel, K.A. *see* Jackson, G.L. 49856
LaBella, V.P. *see* Ventrice, C.A., Jr. 2248
Labelle, C.B., Maynard, H.L., Lee, J.T.C. Metal stack etching using a helical resonator plasma 54438
LaBelle, J. *see* Carpenter, D.L. 45140
Labelle, L., Sanson, H. Computation of image representation based on active triangular meshes through geometrical surface evolution 57350
LaBelle, R.P., Johnson, W.R., Niiler, P.P. Surface drifters in the Eastern Gulf of Mexico 50135
Laber, C.A. *see* Sang-Soo Lee 1623
Laberge, P. *see* Mocala, K. 42699
Labetoulle, J. *see* Eberhardt, R. 35607
Labetoulle, J. *see* Oliveira, R. 35805
Labeye, P. *see* Ollier, E. 44048
Labeye, P. *see* Ollier, E. 48604
Labeyrie, M. *see* Lebourgeois, R. 23343
Labiadh, A., Braud, F., Torres, J., Palleau, J., Passemard, G., Pires, F., Dupuy, J.C., Dubois, C., Gautier, B. Study of the thermal stability at the Cu/SiOF interface 42645
LaBianca, N.C. *see* Acosta, R.E. 38760
Labini, M.S. *see* Cannistra, G. 8964
Labini, M.S. *see* Cannistra, G. 9733
Labini, M.Sylos *see* Sylos Labini, M.
Labit, C. *see* Demaistre, N. 57024
Labit, C. *see* Le Floch, H. 56871
Labit, C. *see* Paragios, N. 56946
Labit, C. *see* Pateux, S. 56882
Labit, C. *see* Pascaglia, P. 57022
LaBlanca, N.C., Gelorme, J.D., Lee, K.Y., Cooper, E., O'Sullivan, E., Shaw, J.M. High aspect ratio optical resist chemistry for MEMS applications 43380
Labonte, F., Le Dinh, C.T., Cohen, P. A compact representation for stereoscopic sequences with NTSC spectral compatibility 5429
Labonte, F., Le Dinh, C.T., Cohen, P. A NTSC-compatible compact representation for stereoscopic sequences 57459
Labonte, S., Blais, A., Roy, L. Metal-tip monopoles for microwave ablation 59783
Laboure, E., Costa, F., Lardellier, M., Rojat, G. Losses/EMI compromise relating to electrical constraints and components technology in static converters 60885
LaBranche, M.H., McCormick, C.J., Smith, J.D., Needes, C.R.S., Hang, K.W., Isenberg, J.K., Schubring, A.W., Coapman, C.R., Paszkiet, C.A., Lautzenhiser, F.P., Ellis, M.E., Sarma, D.H.R. Next-generation engine control modules using advanced multilayer technology materials 61294
Labrecque, C., Braunovic, M., Terriault, P., Trochu, F., Schetky, M. Experimental and theoretical evaluation of the behavior of a shape memory alloy Belleville washer under different operating conditions 11838
Labrecque, R.C., Weerakkody, S.D. A method for generating a technical basis for RHR pump AOT extension 38584
Labrie, D., Aers, G.C., Lafontaine, H., Williams, R.L., Charbonneau, S., Goldberg, R.D., Mitchell, I.V. Effects of low temperature preannealing on ion-implant assisted intermixing of $Si_{1-x}Ge_x/Si$ quantum wells 12431
Labrique, F. *see* El-Bachtiri, R. 9339
Labrique, F. *see* Fu, Y. 61180
Labrosse, J.J. Comparing the 251 and the XA: a kernel's perspective 31280
Labrouche, J. *see* Gardelle, J. 7717
Labruzzo, G., Polidoro, P., Driscoll, M., Kolnowski, G. A VHF, quartz crystal oscillator exhibiting exceptional vibration immunity 13336
Labs, K.H. *see* Dunmire, B.L. 28181
Labs, W. New I/O devices offer smaller, smarter, safer connections for PLCs, DCSs, and PCs 48405
Labunets, I.A. *see* Gurevich, Yu.Ye. 9114
Labuntsov, V.A., Chaplygin, Ye.Ye. Reactive power compensators with natural commutation thyristors 8782
Labuntsov, V.A., Chaplygin, Ye.Ye. Reactive power compensators using rectifiers with natural switching 28750
Labute, P. *see* Li, Z. 24866
Labutina, A.A. *see* Lopukhina, E.M. 19729
Lacabanne, C. *see* Fois, M. 54878
Lacaita, A. *see* Cova, S. 58766
Lacaita, A. *see* Zappa, F. 58769
Lacaita, A.L. *see* Pacelli, A. 12134
Lacaita, A.L. *see* Perron, L. 54817
Lacaita, A.L. *see* Spinelli, A. 12150
Lacaita, A.L. *see* Villa, S. 43022
Lacaita, A.L. *see* Villa, S. 54608
Lacaze, B. Stationary clock changes on stationary processes 25009
Lacaze, B. *see* Aakvaag, N.D. 4827
Lacaze, B. *see* Duverdier, A. 6473
Lacaze, C. *see* Rosten, H.I. 52280
Lacelle, C. *see* Roth, A.P. 10708
Lacey, D. *see* Capan, R. 32597
Lacey, D. *see* Drossos, G. 34216
Lacey, D.L. *see* Cohen, M.S. 6742
Lacey, R.J. *see* Luggar, R.D. 37546
Lach, E., Laube, G., Schilling, M., Ambrosy, A., Hehmann, J., Dembeck, L. InP-based space switch module for 1.55 μm with wide wavelength span, low noise and 10 Gbit/s transparency 16732
Lach, E. *see* Bunse, S. 16122
Lach, E. *see* Haisch, H. 26831
Lach, E. *see* Idler, W. 24131
Lach, E. *see* Mikkelsen, B. 26895
Lach, E. *see* Wiedemann, P. 40334
Lach, E. *see* Wunstel, K. 36083
Lach, E. *see* Zielinski, E. 44584
Lach, H.-Y. *see* Chevrel, S. 47078
Lachambre, J.-L. *see* Pinsonneault, D. 36867
Lachance, B., Tremblay, D., Pouliot, J. A new penumbra generator for electron fields matching 49775
Lachapelle, G. Navigation accuracy for absolute positioning 7012
Lachapelle, G. Attitude determination 7013
Lachapelle, G. *see* Cannon, M.E. 16646
Lachapelle, G. *see* Raquet, J. 18747
Lachapelle, P. *see* Hebert, M. 28339
Lacharme, J.-P. *see* Guziewocz, E. 12528
Lacharme, J.-P. *see* Orlowski, B.A. 2249
Lacharme, J.-P. *see* Reqqass, H. 793
Lachat, E. *see* Li, J. 14613
Lachaud, J.-O., Bainville, E. A discrete adaptive model following topological modifications of volumes. Application to three-dimensional image segmentation 35203
Lachenmann, S.G., Kastalsky, A., Friedrich, I., Forster, A., Uhlisch, D. Properties of Nb/InAs/Nb hybrid step junctions 43807
Lachenmann, S.G., Kastalsky, A., Friedrich, I., Forster, A., Ustinov, A.V., Uhlisch, D. Novel hybrid Nb/InAs/Nb step junctions 23419
Lacher, U. *see* Jacob, T. 11903
Lacher, U. *see* Jacob, T. 41637

Lachinova, S.L. *see* Ivanov, V.Yu. 24170
Lachiq, A., Slaoui, A., Georgopoulos, L., Ventura, L., Monna, R., Muller, J.C. Simultaneous dopant diffusion and surface passivation in a single rapid thermal cycle 20024
Lachiq, A. *see* Slaoui, A. 29636
Lachiq, A. *see* Slaoui, A. 39190
Lackermeier, A. *see* McAdams, E.T. 18474
Lackey, W.J. *see* Wagner, B. 17671
Lackhove, J. "Electrical wave" relieves mechanical "sovereign waves" [drive controller] 29700
Lacklison, D.E. *see* Andrianov, A.V. 41950
Lacklison, D.E. *see* Cheng, T.S. 10765
Lacklison, D.E. *see* Dewsnip, D.J. 41949
Lacklison, D.E. *see* Orton, J.W. 31856
Lackovic, I. *see* Santic, A. 37599
Lackritz, H.S. *see* Pasmore, T.A. 43546
Laclair, R.D., Spillman, W.B., Jr., Kuhns, W.W., Miller, M. Long stroke optical fiber linear position sensor for the FLASH program 59913
LaClair, R.D. *see* Spillman, W.B., Jr. 48599
Laclare, J.L. *see* Besnier, G. 18001
Laclare, J.L. *see* Farvacque, L. 18005
Laclare, J.L. *see* Tanaka, H. 17907
Lacoe, R.C. *see* Ramseyer, G.O. 54504
Lacomb, R., Jain, F. A self-consistent model to simulate large-signal electrical characteristics of resonant tunneling bipolar transistors 2607
LaComb, R., Wagner, D.K., DiMarco, L., Connolly, J. Stable operation of multiple-lateral-mode ridge-waveguide lasers for high-speed printing 33508
Lacombe, F. *see* Cesarsky, C.J. 36548
Lacombe, Y., Barnes, R. Using simulation to test a digital control system and man-machine interface for a station blackout EDG 8995
Laconti, A. *see* Giner, J. 9530
Lacoume, J.-L. *see* Harroy, F. 25094
Lacoume, J.L. *see* Chichereau, C. 45985
Lacour, B., Gagnol, C., Vincent, B. Operation of a compact industrial XeCl laser at high average power 13932
Lacour, P. *see* Benhabiles, B. 4379
Lacourse, W.C. *see* Hach, C.T. 55157
Lacquaniti, V. *see* Maggi, S. 43738
Lacquet, B.M., Baird, F.H. An affordable digital-display-to-natural-voice converter for visually impaired radio amateurs 28448
Lacquet, B.M., Swart, P.L. Multimode optical fiber polymer dispersed liquid crystal electric field sensor 50670
Lacquet, B.M., Swart, P.L., Kotze, A.P. A low-cost on-board vehicle load monitor 29752
Lacquet, B.M., Swart, P.L., Kotze, A.P. Application of etched fiber strain gauges to low cost on-board vehicle load monitoring 51821
Lacquet, B.M., Swart, P.L., Spammer, S.J. Polymer dispersed liquid crystal fiber optic electric field probe 27605
Lacquet, B.M. *see* Booysen, A. 7394
Lacroix, A. *see* Gerland, C. 34686
Lacroix, A. *see* Kleinmann, T. 14911
Lacroix, A. *see* Kleinmann, T. 34663
Lacroix, A. *see* Minsheng Liu 14985
Lacroix, B., Roudaire, J.-F., Faltermeier, J.-F. Earthing and protection equipment 8947
Lacroix, D., Jeandel, G., Boudot, C. Spectroscopic studies of laser induced plume during welding with a Nd:YAG laser 14491
Lacroix, S. *see* Daxhelet, X. 55185
Lacroix, S. *see* Gonthier, F. 26752
Lacroix, Y., Tran, C.A., Watkins, A.S.P., Thewalt, M.L.W. Low-temperature photoluminescence of epitaxial InAs 2012
Lacroix, Y. *see* Gong, X.Y. 41935
Lacroute, Y. *see* Hosain, S.I. 23482
Lacy, F.W. *see* Solomon, S.C. 60062
Lacy, J.G. A simple piecewise-linear non-autonomous circuit with chaotic behavior 40855
Lacy, M. *see* Achuthan, K. 2411
Lacy, W.S. *see* Cruz-Rivera, J.L. 57916
Lacy, W.S. *see* Wills, D.S. 3657
Laczik, Z., Booker, G.R., Mowbray, A. Residual polishing damage and surface quality of commercial InP wafers: a scanning PL study 31822
Lad, M.G., Suratkar, P.P., Chalapati, K., Patro, Y.G.K. On the packaging of laser diodes 3850
Lada, T. *see* Bailey, A. 32501
Ladabaum, I. *see* Soh, H.T. 18957
Ladas, S. *see* Grigoropoulos, S. 1979
Ladbrooke, P.H. *see* Ahmed, M.M. 32562
Ladd, D.N. *see* Eastment, J.D. 36247
Ladd, E.R. Movement toward a virtual Engineering Management program 9895
Ladd, E.R., Rumsey, H.A. The role of industry in forming a distance learning engineering management program 20504
Ladd, M.E., Erhart, P., Debatin, J.F., Romanowski, B.J., Boesiger, P., McKinnon, G.C. Biopsy needle susceptibility artifacts 7995
Ladd, M.E., Gohde, S.C., Steiner, P., Pfammatter, T., McKinnon, G.C., Debatin, J.F. Virtual MR angioscopy of the pulmonary artery tree 7888
Ladd, S.K. Pushing the state-of-the-art in MCM-L design: Ultra dense, low cost "smart gasket" application 8231
Ladd, S.K. *see* Horowitz, S.J. 298
Ladd, S.K. *see* Horowitz, S.J. 12052
Ladd, S.K. *see* Horowitz, S.J. 53740
Laddha, S. *see* Chikodikar, M.Y. 53215
Lades, M., Schenk, A., Krumbein, U., Wachutka, G., Fichtner, W. Temperature-dependent study of 6H-SiC pin-diode reverse characteristics 12880
Ladewig, S.P., Brozio, C.C., Vermeulen, H.J., Cornelissen, K.J. An alternative broadband lumped parameter equivalent circuit model for two-winding transformers 19827
Ladhani, A.-N. *see* Huis in't Veld, R.J. 16377
Ladhar, H. *see* Rao, S.T. 52246
Ladhar, H. *see* Yee, S. 20933
Ladick, A. *see* Nejad, M.S. 41681
Ladly, K.O. *see* Krishnan, S. 18234
Ladner, J.E.J., Alexander, N.C., Fitzpatrick, J.A. Operational experience with the Sizewell B integrated plant computer system 9028
Ladner, R. *see* Srinivas, B.S. 26009
Ladner, R.D. *see* Timko, R.E. 50191
Ladner, S.J. Mutual fund information on the World Wide Web. 2. Regional resources 16348
Lado, M.J., Mendez, A.J., Tahoces, P.G., Souto, M., Correa, J., Vidal, J.J. Comparison of real and computer-simulated clustered microcalcifications on digital mammograms. ROC study 59443
Lado, M.J. *see* Souto, M. 8023
Lado, M.J. *see* Tahoces, P.G. 49448
Ladopoulos, E.G. Collocation-approximation methods for nonlinear singular integrodifferential equations in Banach spaces 52537
Ladouceur, F., Poladian, L. Surface roughness and backscattering 14680
Ladouceur, F. *see* Moss, D.J. 55263
Ladoux, P. *see* Richardeau, F. 51229
Ladrach, P. Measurement of high-power laser beam characteristics 14236
Ladrault, C. *see* Girard, P. 43274
Ladreiter, H.P. *see* Rucker, H.O. 17019
Ladygin, A.N. *see* Kozyrev, S.K. 9743
Ladygin, V.P. *see* Golovanov, L.B. 18072
Ladyzhets, V.S. On unique solvability for the problem of recovering an optical surface from its three images 5000
Lae-Jeong Park, Cheol Hoon Park A fusion technique of GA and SA and its application to QAPs 21115
Laender, J.De *see* De Laender, J.
Laenen, R., Roth, T. Numerical study and experimental results for a synchronously pumped optical parametric oscillator in the saturation regime 44678
Laenen, R., Simeonidis, K., Rauscher, C. Generation of mid-infrared pulses suitable for two-color IR-spectroscopy with 300-fs time resolution, temporal analysis via two-photon absorption in germanium and first application 55906
Laeri, F.G., Deutsch, N., Angelow, G., Mueller, M., Sakowski, H. Spatio-temporal coupling of laser fluctuations–observations on a laser with internal frequency conversion 3757
Laermann, K.-H. Hybrid techniques in experimental strain/stress analysis by optical methods 36923
Laermans, E., Olyslager, F., De Zutter, D. Sensitivity based statistical analysis of multiconductor transmission lines in multilayered media 34125
Laermans, E. *see* Ureel, J. 34253
Laerz, J. *see* Sieber, B. 31952
Laevens, K. Power spectral density of on-off sources 45497
Lafaye, R. *see* Arisaka, K. 37239
Lafaye, R. *see* Arisaka, K. 37460
Lafe, O. Data compression and encryption using cellular automata transforms 15749
Lafer, G. *see* Wach, P. 49491
Laferte, J.-M., Heitz, F., Perez, P. A multiresolution EM algorithm for unsupervised image classification 5580
Laffely, A.J. *see* Wolpert, S. 53511
Lafferty, M. Wrapping up management solutions with OSS 27161
Lafferty, M. *see* Brown, B.R. 5933
Laffey, S.M. *see* Ballato, J.M. 13232
Lafitte, F., Dakyo, B., Protin, L. High power multiresonant converter for telecommunication equipments 9399
Laflamme, C., Salami, R., Matmti, R., Adoul, J.-P. Harmonic-stochastic excitation (HSX) speech coding below 4 kbit/s 14897
Laflamme, R. *see* Knill, E. 34496
Laflamme, R. *see* Shor, P. 45576
Laflamme, R. *see* Zurek, W.H. 11268
LaFoliette, P. *see* Kohler, M.A. 16476
LaFollette, P.A. *see* Gatewood, P.D. 16475
Lafond, C.V. *see* Ming Tan 16631
Lafond, C.V. *see* Tan, M. 47714
Lafontaine, H., Houghton, D.C., Bahierathan, B., Perovic, D.D., Baribeau, J.-M. $Si_{1-x}Ge_x$ critical thickness for surface wave generation during UHV-CVD growth at 525°C 723
Lafontaine, H. *see* Coleridge, P.T. 22411
Lafontaine, H. *see* Labrie, D. 12431
Lafore, D. *see* Lembeye, Y. 41569
Lafore, D. *see* Li, J.M. 51225
Lafore, D. *see* Li, J.M. 51392
Laforenza, D. *see* Baraglia, R. 47146
Laforest, C. Gossip in trees under line-communication mode 16024
Laforest, J. *see* Valeanu, M. 3151
Laforge, E. *see* Decaesteke, T. 58450
LaFosse, D.R. *see* Devlin, M. 37541
LaFosse, D.R. *see* Sarantites, D.G. 37271
Lafourcade-Jumenbo, A., Vardy, A. Lower bounds on trellis complexity of block codes 34620
Lafoux, A. *see* Waast, B. 49155
Lafragette, J.-L. *see* Plais, A. 44571
Lafragette, J.-L. *see* Salet, P. 23997
LaFreniere, J.A., Wells, K.S. Management of holiday production in the United States semiconductor industry 39720
Lafreniere, J.A.A.L., Nourry, G.R., Rahman, M.H. Negotiation of parameters in a B-ISDN environment 16364
Lagacy, L., Gaboriault, M., Jr. Dispositioning defective but reworkable product 40977
Lagadec, Y. *see* Vieu, C. 40622
Lagakos, N. *see* Bucaro, J.A. 17875
Lagally, M.G. *see* Townsley, L.K. 27681
Lagamba, L. *see* Perrino, R. 37264
LaGasse, M.J., Thaniyavarn, S. High-dynamic-range RF fiber optic link for passive antenna remoting 58360
LaGasse, M.J., Thaniyavaru, S. Bias-free high-dynamic-range phase-modulated fiber-optic link 58381
Lagatskii, A.A., Kuleshov, N.V., Shcherbitskii, V.G., Kleptsyn, V.F., Mikhailov, V.P., Ostroumov, V.G., Huber, G. Lasing characteristics of a diode-pumped Nd^{3+}:$CaGdAlO_4$ crystal 44403
Lage, A.L.V.S. *see* Santos, S.F.S. 5207
Lage, C., Hayden, J.D., Subramanian, C. Advanced SRAM technology–the race between 4T and 6T cells 41188
Lagendijk, J.J.W. *see* Crezee, J. 59770
Lagendijk, R.L. *see* van Roosmalen, P.M.B. 56926
Lagendijk, R.L. *see* Westen, S.J.P. 25394
Lagerlund, T.D. *see* Sidman, R.D. 28374
Lagerwall, S.T. *see* Matuszczyk, M. 48767
Laget, B. *see* Bretto, A. 5012
Lagha, N. *see* Bourges Waldegg, D. 26338
Lagnado, I. *see* Dubbelday, W.B. 43258
Lagnado, I. *see* Shoemaker, P.A. 21858
Lagniel, J.-M. Nonlinear resonances, chaos and halo formation in space-charge dominated beams 18032
Lagniel, J.M. *see* Beauvais, P.-Y. 37207
Lagniel, J.M. *see* Beauvais, P.Y. 37135
Lago, A., Penalver, C.M., Marcos, J. A voltage mode control strategy for parallel power converters with current sharing 60904
Lago, E.Dal *see* Dal Lago, E.
Lago, E.del *see* del Lago, E.
Lago, S.Dal *see* Dal Lago, S.
Lago, T.L., Eriksson, P.F.B., Asman, M. Short-time spectral estimation of acoustic Doppler current meter data 50100
Lagonotte, P. *see* Miah, H.A. 60752
Lagorce, L.K., Allen, M.G. Ferrite filled polymers for integrated power conversion devices 53016
Lagos, R. *see* Luque, A. 1992
Lagowski, J., Edelman, P. Non-contact mapping of Fe contamination in oxidized Si wafers with sensitivity in part-per-trillion range 43229
Lagowski, J., Hoff, A., Jastrzebski, L., Edelman, P., Esry, T. A novel method for studying degradation related to plasma processing of silicon wafers 42616
Lagowski, J. *see* Edelman, P. 44916
Lagowski, J. *see* Sen, S. 54358
Lagras, R. *see* Alleysson, P. 23916
Lagrevol, R.De *see* De Lagrevol, R.
Lagstad, P., Auran, P.G. Real time sensor fusion for autonomous underwater imaging in 3D 45789
Laguarta, F., Armengol, J., Vega, F., Lupon, N. Active beam integrator for high power coherent lasers 13942
Laguarta, F., Lupon, N., Vega, F., Armengol, J. Laser application for optical glass polishing 3323
Laguarta, F. *see* Armengol, J. 30193
Laguna, M. *see* Aboubacar, A. 41758
Laguna, P., Moody, G.B., Mark, R.G. Power spectral density of unevenly sampled heart rate data 59646
Laguna, P., Ruiz, M., Moody, G.B., Mark, R.G. Repolarization alternans detection using the KL transform and the beatquency spectrum 49686
Laguna, P. *see* Garcia, J. 37813
Laguna, P. *see* Mateo, J. 37785
Laguna, P. *see* Olmos, S. 37814
Lagunas, M.A. *see* Pages-Zamora, A. 25133
Lagunas, M.A. *see* Perez-Neira, A. 4685
Lagunas, M.A. *see* Riba, J. 25121
Lagunov, T.S. *see* Voronina, T.I. 54146
Lagunova, N.V. *see* Grigorenko, N.L. 30453
Lagutin, A. *see* van Bockstal, L. 4208
Lahalle-Gravier, C., Scherrer, H., Scherrer, S. Growth of n-type $Bi_2Te_{2.55}Se_{0.45}$ single crystal solid solution by the travelling heater method 10616
Lahderanta, E. *see* Kirschner, I. 59079
Lahdhiri, T., Alouani, A.T. Design of a robust nonlinear excitation controller for a single machine infinite-bus power system 50403
Laheld, B.H. *see* Cardoso, J.-F. 15337
Laheld, U.E.H., Einevoll, G.T. Excitons in CdSe quantum dots 42120
Laherrere, J.-M. *see* Hagolle, O. 18840
Laheurte, J.-M. *see* Giauffret, L. 45379
Laheurte, J.M. *see* Forma, G. 34275
Lahey, R.T., Jr., Gabriele, G.A. Curriculum reform at Rensselaer 20593

Lahiji, G.R., Oleyaie, O., Abrishamifar, A. New operational amplifier using a positive feedback 53059
Lahimer, S. *see* Castagne, M. 17327
Lahiri, I., Brubaker, R.M., Nolte, D.D., Melloch, M.R. Two-wave mixing in Stark geometry photorefractive quantum wells using moving gratings 14247
Lahiri, I., Nolte, D.D., Aguilar, M., Melloch, M.R. High-efficiency photorefractive p-i-n quantum well diodes 12406
Lahiri, I. *see* Nolte, D.D. 12426
Lahiri, I. *see* Nolte, D.D. 14432
Lahiri, S.K. *see* Lim, C.W. 10919
Lahlou, M., Antognini, L., Kreindler, L., Sarca, A. Fast dynamics motion systems optimisation by digital control hardware selection 61381
Lahlou, M. *see* Antognini, L. 61228
Lahmann, H.-W. *see* Brandt, H. 59033
Lahmar, D., Alaoui, L.C., Pegard, C. Control techniques for improved low speed performance of a PM synchronous motor 9577
Lahndt-Hearney, L. The role of professional registration in engineering academia 20679
Lahnor, P., Schmiedl, R., Woerle, D., Demuth, V., Schulz, M. Infrared response of silicide Schottky barrier detectors formed from mixed Pt/Ir layers on Si 48508
Lahnor, P., Worle, D., Schulz, M. Tayloring of the Schottky barrier height of Pt-Ir mixed silicide infrared detectors 36558
Lahr, J. *see* Ferri, G. 45278
Lahteenoja, M. *see* Ferrero, U. 26394
Lahteenoja, M. *see* Ims, L.A. 26380
Lahti, D. *see* Pentrack, D. 44282
Lahti, D.G. *see* Krishnan, K.S. 43957
Lahti, D.G. *see* Krishnan, K.S. 49852
Lahti, G. *see* Hovater, C. 37107
Lahti, K., Lahtinen, M., Nousiainen, K. Transmission line corona losses under hoar frost conditions 50664
Lahtinen, A., Laarne, P., Eskola, H., Malmivuo, J. Approximation of cortical EEG from scalp recordings 59710
Lahtinen, J. *see* Hallikainen, M. 8400
Lahtinen, J. *see* Hallikainen, M. 18877
Lahtinen, M. *see* Lahti, K. 50664
Lahtinen, M. *see* Robert, A. 8733
Lai, A.H.S., Yung, H.C. New feature-preserving filter algorithm based on a priori knowledge of pixel types 23637
Lai, A.K.Y. *see* Qin Zhou 34086
Lai, A.K.Y. *see* Qin Zhou 58134
Lai, C.C. *see* Tai, S.C. 15813
Lai, C.H., Katsouleas, T.C., Mori, W.B. A mode coupling theory for the electromagnetic accordion 4276
Lai, C.H., Liou, R., Katsouleas, T.C., Muggli, P., Brogle, R., Joshi, C., Mori, W.B. Demonstration of microwave generation from a static field by a relativistic ionization front in a capacitor array 12084
Lai, C.S., Lee, C.L., Lei, T.F., Chao, T.S., Peng, C.H., Wang, H.C. Low temperature (850°C) two-step N_2O annealed thin gate oxides 42615
Lai, G. *see* Liao, J. 46613
Lai, H.C., Leonard, P.J., Rodger, D., Allen, N., Sangha, P. 3D finite element dynamic simulation of electrical machines coupled to external circuits 50904
Lai, H.C. *see* Rodger, D. 44950
Lai, H.C. *see* Rodger, D. 50872
Lai, H.S. *see* Yung, H.C. 56933
Lai, J.K.L. *see* So, A.C.K. 52248
Lai, J.K.L. *see* Tian, Y. 53738
Lai, J.K.L. *see* Tu, P.L. 31595
Lai, K. *see* Bhattacharya, S. 41147
Lai, K.F., Ngo, C.W., Chan, S. Tracking of deformable contours by synthesis and match 5136
Lai, L.-P. *see* Parsey, J.M., Jr. 12028
Lai, L.L., Ma, J.T. Genetic algorithms and UPFC for power flow control 38324
Lai, L.L., Ma, J.T. Application of evolutionary programming to reactive power planning–comparison with nonlinear programming approach 50472
Lai, L.L., Ma, J.T., Yokoyama, R., Zhao, M. Improved genetic algorithms for optimal power flow under both normal and contingent operation states 50426
Lai, L.L., Ndeh-Che, F., Chu, K.H., Yokoyama, R., Zhao, M. A new application of ferrite and high-frequency signals to power system protection 50661
Lai, L.L., Nedh-Che, F., Braun, H., Hui, R., Serrano, A.B. Application of neural networks to predicting harmonics 60889
Lai, L.L. *see* Gwyn, B.J. 19080
Lai, L.L. *see* Shyam, V. 50522
Lai, M.-J. Bivariate box splines for image processing 25604
Lai, P.T., Xu Jingping, Lo, H.B., Cheng, Y.C. Quality improvement of low-pressure chemical-vapor-deposited oxide by N_2O nitridation 42423
Lai, P.T., Xu Jingping, Zeng, X., Cheng, Y.C. New observation and improvement in GIDL of n-MOSFETs with various kinds of N_2O-based gate oxides under hot-carrier stress 2669
Lai, P.T., Xu, J.P., Zeng, X., Liu, B.Y. Interface-state-induced degradation of GIDL current in n-MOSFETs under hot-carrier stress 42997
Lai, P.T. *see* Surya, C. 2672
Lai, P.T. *see* Surya, C. 32434
Lai, P.T. *see* Zeng, X. 2629
Lai, P.T. *see* Zeng, X. 22847
Lai, R. A success story of verifying a real complex protocol 25950
Lai, R. Performance results for the CSMA/CD protocol using GreatSPN 47098
Lai, R. From Estelle to Erlang 57665
Lai, R., Lembo, L., Lo, D., Streit, D., Dia, R., Liu, P.H., Alverez, F., Brock, J. A Q-band monolithic RF optical photoreceiver using InP-based PIN-HEMT MBE selective epitaxy 36117
Lai, R., Lo, A. Integrated Estelle and ASN.1 specification approach to automatic implementation of application protocol 4462
Lai, R., Nishimoto, M., Hwang, Y., Biedenbender, M., Kasody, B., Geiger, C., Chen, Y.C., Zell, G. A high efficiency 0.15 μm 2-mil thick InGaAs/AlGaAs/GaAs V-band power HEMT MMIC 41496
Lai, R., Wong, M.C. The ISO virtual terminal protocol: a semi-automatic implementation 16111
Lai, R. *see* Chen, Y.C. 53672
Lai, R. *see* Gaier, T. 41485
Lai, R. *see* Ingram, D.L. 43122
Lai, R. *see* Jirachiefpattana, A. 46758
Lai, R. *see* Jirachiefpattana, A. 47169
Lai, R. *see* Wang, H. 11721
Lai, S., Conradi, J. Theoretical and experimental analysis of clipping-induced impulsive noise in AM-VSB subcarrier multiplexed lightwave systems 26787
Lai, S., Reichenbach, J.R., Haacke, E.M. Commutator filter: a novel technique for the identification of structures producing significant susceptibility inhomogeneities and its application to functional MRI 18281
Lai, S. *see* Li, X. 36641
Lai, S.H. *see* Vemuri, B.C. 18383
Lai, S.J. *see* Zaslavsky, A. 46942
Lai, S.L., Ramanath, A.G., Allen, I.H., Infante, P. Heat capacity measurements of Sn nanostructures using a thin-film differential scanning calorimeter with 0.2 nJ sensitivity 27957
Lai, S.T. What measurements in space weather are needed for predicting spacecraft charging? 8221
Lai, W.S. *see* Houck, D.J. 16452
Lai, W.Y. *see* Bie, Q.S. 43661
Lai, W.Y.C. *see* Liu, C.T. 2641
Lai, Y. *see* Cheng, P.-H. 23925
Lai, Y.-K., Kuo, C.-C.J., Li, J. New image compression artifact measure using wavelets 57353
Lai, Y.-K., Li, J., Kuo, C.-C.J. Removal of blocking artifacts of DCT transform by classified space-frequency filtering 15515
Lai, Y.T. *see* Chen, K.N. 11293
Lai, Z. *see* Liu, J. 42634
Lai Che-Hsi *see* Che-Hsi Lai
Lai Chin-Lun *see* Chin-Lun Lai
Lai Chung-Ping *see* Chung-Ping Lai
Lai Fang-Shi *see* Fang-Shi Lai
Lai Feipei *see* Feipei Lai
Lai Hongkai *see* Hongkai Lai
Lai Horng-Zhu *see* Horng-Zhu Lai
Lai Jih-Sheng *see* Jih-Sheng Lai
Lai Jin-Shin *see* Jin-Shin Lai
Lai Jiun-Tsuen *see* Jiun-Tsuen Lai
Lai Kowen *see* Kowen Lai
Lai Kwok-Kei *see* Kwok-Kei Lai
Lai Mao-Fu *see* Mao-Fu Lai
Lai Ming-Jun *see* Ming-Jun Lai
Lai Ping The development of reliability research on GaAs devices and MMICs 52363
Lai Shih-Fang *see* Shih-Fang Lai
Lai Shurong *see* Jin Xiaodan 7383
Lai Ten-Hwang *see* Ten-Hwang Lai
Lai Tianshu *see* Tianshu Lai
Lai Weiquan, Si Houzhi, Zhu Jinhua, Li Minxi The Shanghai 6 MV tandem 49281
Lai Yen-Shin *see* Yen-Shin Lai
Lai Yeong-Kang *see* Yeong-Kang Lai
Lai Yeong-Lin *see* Yeong-Lin Lai
Lai Yong-Lin *see* Yong-Lin Lai
Lai Young-Jou *see* Young-Jou Lai
Lai Yuan-Cheng *see* Yuan-Cheng Lai
Lai Zheren *see* Zheren Lai
Laibowitz, R. *see* Grill, A. 54949
Laibowitz, R.B. *see* Sun, J.Z. 43671
Laicheng On *see* On Laicheng
Laichi, F., Aboulnasr, T., Steenaart, W. Effect of delay on the performance of the leaky LMS adaptive algorithm 45761
Laidi Yang *see* Yang Laidi
Laifu Li *see* Li Laifu
Laih, L.W. *see* Liu, W.C. 54689
Laih Chi-Sung *see* Chi-Sung Laih
Laih Li-Hong *see* Li-Hong Laih
Laih Lih-Wen *see* Lih-Wen Laih
Laih Lihwen *see* Liu Wenchau 43085
Laiho, R., Lisunov, K.G., Shubnikov, M.L., Stamov, V.N., Zakhvalinskii, V.S. Shubnikov-de Haas effect in $(Cd_{1-x-y}Zn_xMn_y)_3As_2$ under pressure 22228
Laiho, R. *see* Kirschner, I. 59079
Laijiu Chen *see* Chen Laijiu
Lain Cheung-Wei *see* Cheung-Wei Lain
Lain-Wen Jang, Jung-Jae Chao An information fusion algorithm for data association in multitarget tracking 25238
Lain-Wen Jang *see* Jung-Jae Chao 15422
Laina Ma, Kimura, S., Akiba, Y., Kvrosu, T., Iida, M. Anomalous photoinduced change in threshold voltage of current-controlled negative resistance in Si p-i-n diodes doped with gold 13843
Laine, A. *see* Koren, I. 18375
Laine, A.D. *see* Thornton, J.M.C. 2244
Laine, A.F. Wavelet processing techniques for enhancement and computer aided diagnosis of digital mammography 49426
Laine, A.F., Zong, X. A multiscale sub-octave wavelet transform for de-noising and enhancement 25065
Laine, A.F. *see* Ioannou, D. 15439
Laine, B.T. MDAs and integrated manufacturing 52178
Laine, E. *see* Salonen, J. 1971
Laine, E. *see* Salonen, J. 32207
Laine, H.-J., Kontola, K., Lehto, M.U.K., Pitkanen, M., Jarske, P., Lindholm, T.S. Image processing for femoral endosteal anatomy detection: description and testing of a computed tomography based program 59473
Laine, P. Oil-filled switchgear–enforcement aspects 51411
Laine, U.K., Huotilainen, M. A study on auditory resolution using Bark-FAMlet clicks 15251
Laine-Ylijoki, T. *see* Collander, P. 16392
Laing, T.J. *see* Descalle, M.-A. 8137
Lainiotis, D.G. *see* Marinitsis, I.A. 16856
Lainiotis, D.G. *see* Plataniotis, K.N. 4858
Lainlotis, D.G., Papaparaskeva, P. Joint estimation and identification of lidar log power returns in a switching environment 18831
Lainson, K.J. *see* Howe, D.A. 11228
Laios, B.B. *see* Schulz, R.P. 50674
Lair, P. *see* Lindroth, A. 8856
Lair, P. *see* Lindroth, A. 8857
Laird, D.L., Engelstad, R.L. Vibratory analysis of an X-ray mask membrane during stepping 42880
Laird, D.L., Engelstad, R.L., Puisto, D.M., Acosta, R.E., Cummings, K.D., Johnson, W.A. Predicting in-plane distortion from electron-beam lithography on X-ray mask membranes 32294
Laird, D.N. *see* Momoh, J.A. 50560
Laird, R.E. *see* Gibbons, K.P. 17666
Laire, O., Zhang, X., Sanchez, S., Essaid, R., Briot, O., Bigenwald, P., Aulombard, R.L. (Ga,In)As-GaAs MOVPE grown heteroepitaxial systems: optical characterisation and critical thickness 10710
Laitinen, A., Hautanen, J., Keskinen, J., Kauppinen, E., Jokiniemi, J., Lehtinen, K. Bipolar charged aerosol agglomeration with alternating electric field in laminar gas flow 24379
Laitinen, J. *see* Kemppainen-Kajola, P. 17798
Laitinen, M.P.A., Vuento, M. Affinity immunosensor for milk progesterone: identification of critical parameters 36710
Laiz, H., Garcia, R. A power comparator with high accuracy simple and inexpensive 27346
Lajoie, I. *see* Di Monaco, O. 21885
Lajoie-Mazenc, M. *see* Clenet, S. 60795
Lajoie-Mazenc, M. *see* Kuo-Peng, P. 51132
Lajoie-Mazenc, M. *see* Pertusa, C. 50881
Lajoie-Mazenc, M. *see* Sadowski, N. 50884
Lajos, R.E. *see* Feinerman, A.D. 12847
Lajzerowicz, J. *see* Nail, M. 33259
Lak Hyun Jang *see* Jun Rim Choi 41326
Lakamp, S. *see* Multigner, M. 3160
Lakamsani, P., Bing Zeng, Ming Liou An enhanced three step search motion estimation method and its VLSI architecture 5173
Lakas, A. *see* Barnes, N. 6135
Lake, B.M. *see* Lee, P.H.Y. 18885
Lake, B.M. *see* Lee, P.H.Y. 18889
Lake, D.E. Detection of affine time-delay multipath striations using a generalized cyclostationary model 6987
Lake, M. *see* Du, J. 38133
Lake, M. *see* Lugscheider, E. 40707
Lake, R., Klimeck, G., Bowen, R.C., Fernando, C., Jovanovic, D., Blanks, D., Moise, T.S., Kao, Y.C., Leng, M., Frensley, W.R. Experimentally verified quantum device simulations based on multiband models, Hartree self-consistency, and scattering assisted charging 2737
Lake, R. *see* Klimeck, G. 54579
Lake, R.K. *see* Bowen, R.C. 42919
Lakeman, S. Contamination control in PVD cluster tools through mass spectrometry 10834
Laker, K. *see* Yeargan, J. 20665
Lakervi, E. *see* Nikander, A. 19316
Lakey, J.D., Trappe, W.K. Analysis of chirp signals by time-frequency localization frames 25173
Lakhani, G. Improved image reproduction from dc components 25309
Lakhani, R., Deutschle, C., Franzon, P., Steer, M. High speed bus design using HSPICE optimization techniques based on the worst case design approach 40991
Lakhsasi, A. *see* Charette, A. 39268
Lakhtakia, A. Exact analytic solution for oblique propagation in a piezoelectric, continuously twisted, structurally chiral medium 23281
Lakhtakia, A., Anastassiu, H.T., Volakis, J.L., Monzon, J.C. Comments on "A new reciprocity theorem" [and reply] 44848

Lakhtakia, A., Venugopal, V.C. Macroscopic model of second-harmonic generation in a dielectric thin-film helicoidal bianisotropic medium 24241
Lakhtakia, A., Weiglhofer, W.S. Constraint on linear, spatiotemporally nonlocal, spatiotemporally nonhomogeneous constitutive relations 44897
Lakhtakia, A., Weiglhofer, W.S. Green function for radiation and propagation in helicoidal bianisotropic mediums 45060
Lakhtakia, A. *see* Nagle, S.F. 27455
Lakhtakia, A. *see* Weiglhofer, W. 4184
Lakhtakia, A. *see* Weiglhofer, W.S. 14555
Lakhtakia, A. *see* Weiglhofer, W.S. 24097
Lakhtakia, A. *see* Weiglhofer, W.S. 24457
Lakin, K.M., McCarron, K.T., Rose, R.E. Miniature filters for wireless applications 54993
Lakka, S. *see* Alexandrov, V.N. 10284
Lakkis, I., McLernon, D. Optimum eigenfilters and matched filters 1553
Laklalech, H. *see* Nouchi, P. 13598
Laknath, K.D.G. *see* Ogasawara, K. 51844
Laknath, K.G.D. *see* Hirachi, K. 50854
Lakner, H., Ungerechts, S., Behres, A., Kohl, A., Opitz, B., Heime, K., Woitok, J. Characterization of MOVPE grown InGaAsP superlattices for modulators by electron diffraction, X-ray diffraction and Z-contrast imaging 52661
Lakoba, T.I. *see* Kaup, D.J. 13620
Lakowicz, J.R. *see* Sipior, J. 3626
Lakrimi, M. *see* Booker, G.R. 52669
Lakrimi, M. *see* Klipstein, P.C. 12336
Lakrimi, M. *see* Salesse, A. 54079
Lakshmanan, S., Soni, B.K., Balasubramaniam, K. r-adaptation in finite element modelling of elastic solids 40256
Lakshmanan, S. *see* Hauss, B.I. 28707
Lakshmanan, S. *see* Jain, A.K. 56704
Lakshmanan, S. *see* Lee, S. 36813
Lakshmanan, V., Witt, A. Detection of bounded weak echo regions in meteorological radar images 8477
Lakshmi, T.S. *see* Mouly, M.C.C. 4369
Lakshmi, Y.V.S. Component selection from an integrated database 46846
Lakshmikantham, V., Maulloo, A.K., Sen, S.K., Sivasundaram, S. Solving linear programming problems exactly 10367
Lakshminarayanan, V. *see* Calvo, M.L. 35338
Lakshminarayanan, V. *see* Calvo, M.L. 55273
Laksono, T.H., Maeyama, T., Kitano, Y., Ikegami, F. Measurements and analyses of multipath propagation structure for small-cell digital mobile radio in hilly areas 47593
Lal, A., White, R.M. Silicon microfabricated horns for power ultrasonics [surgical tools] 18230
Lal, A., White, R.M. Micromachined silicon needle for ultrasonic surgery 28415
Lal, A.K. *see* Janwa, H. 24738
Lal, A.V. *see* Ramachandran, T. 8128
Lal, B.B. *see* Russak, M.A. 43683
Lal, G. *see* Satyanarayana, S. 60358
Lal, H.B. *see* Thakur, A.N. 2054
Lal, H.B. *see* Thakur, A.N. 54103
Lal Tummala, R. *see* Cheng-Chih Lin 35282
Lala, P.K., Yang, S., Busaba, F. A unified approach for off-line and on-line testing of VLSI systems 36435
Lala, P.K. *see* Pierce, D.A., Jr. 31228
Lalande, F., Rogers, C.A. Qualitative nondestructive evaluation research at CIMSS 11002
Lalande, F., Rogers, C.A., Childs, B., Chaudhry, Z. High-frequency impedance analysis for NDE of complex precision parts [using collocated actuator/sensors] 349
Lalande, F. *see* Estabau, J. 7301
Lalande, F. *see* Giurgiutiu, V. 1012
Lalande, F. *see* Giurgiutiu, V. 40746
Lalande, F. *see* Krishnamurthy, K. 7299
Lalande, G., Faubert, G., Cote, R., Guay, D., Dodelet, J.P., Weng, L.T., Bertrand, P. Catalytic activity and stability of heat-treated iron phthalocyanines for the electroreduction of oxygen in polymer electrolyte fuel cells 20009
Lalande, M. *see* Armengaud, L. 48529
Lalande, M. *see* Bertrand, V. 34179
Lalande, M. *see* Ghis, A. 53081
Lalande, M. *see* Nail, M. 33259
Lalande, P. *see* Baggio, J. 24015
Lalanne, F. *see* Schiavone, P. 2457
Lalanne, F. *see* Schiavone, P. 2545
Lalanne, P., Lemercier-Lelanne, D. Depth dependence of the effective properties of subwavelength gratings 45155
Lalanne, P., Morris, G.M. Design, fabrication and characterization of subwavelength periodic structures for semiconductor anti-reflection coating in the visible domain 4143
Lalanne, P. *see* Prevost, D. 3671
Lalgudi, H. *see* Murthy, S. 16367
Lalgudi, K.N., Papaefthymiou, M.C. Fixed-phase retiming for low power design 11323
Laliberte, J. *see* Katchmar, R. 52228
Lalic, N., Linnros, J. Characterization of a porous silicon diode with efficient and tunable electroluminescence 3631
Laligant, O., Truchetet, F. Multiscale merging by a mixed approach for edge detection 25688
Laligant, O., Truchetet, F., Lew Yan Voon, L.F.C. Multiscale merging by a mixed approach for edge detection 35359
Lalinsky, T. *see* Bergeest, R. 27511
Lalita, J., Keskitalo, N., Hallen, A., Jagadish, C., Svensson, B.G. Defect evolution in MeV ion-implanted silicon 31748
Lall, B.S. *see* Guenin, B.M. 20911
Lall, P., Gold, G., Miles, B., Banerji, K., Thompson, P., Koehler, C., Adhihetty, I. Reliability characterization of the SLICC package 233
Lall, P. *see* Bauernschub, R. 30279
Lall, P. *see* Bradley, E. 20891
Lall, P. *see* Pecht, M. 12043
Lallemand, A. *see* Bellettre, J. 19703
Lallemand, R. *see* Coquery, G. 40883
Lallemand, R. *see* Khatir, Z. 42971
Lallement, C., Bouchakour, R., Maurel, T. One-dimensional analytical modeling of the VDMOS transistor taking into account the thermoelectrical interactions 32403
Lallement, C., Enz, C., Bucher, M. Simple solutions for modelling the non-uniform substrate doping 2783
Lallement, C. *see* Bucher, M. 13098
Lalonde, M. *see* Livingstone, C.E. 8533
Lalonde, R. The effect of neutron-moderating materials in high-energy linear accelerator mazes 49832
Lalor, M.J. *see* Herraez, M.A. 4988
Lalor, M.J. *see* Herraez, M.A. 34990
Lalor, M.J. *see* Xie, X. 48864
Lalor, M.J. *see* Xinjun Xie 17842
Laloux, B. *see* Girault, M. 48590
Laloux, B. *see* Graindorge, P. 36616
LaLumondiere, S.D. *see* Velazco, R. 21692
Lam, C.-W. *see* Hockanson, D.M. 41585
Lam, C.F. Characterization of ESD tweezers for use with magnetoresistive recording heads 24338
Lam, C.F. *see* Chau, K.T. 51117
Lam, C.P. *see* Wu, J.K. 5015
Lam, C.T. *see* Ming Wang, C. 39900
Lam, C.W. *see* Sarkodie-Gyan, T. 39881
Lam, D., Cox, D.C., Widom, J. Teletraffic modeling for personal communications services 36028
Lam, D., Jannink, J., Cox, D.C., Widom, J. Modeling location management in personal communications services 47728
Lam, D. *see* Chun-Kit Chan 47972
Lam, E.K.W. *see* Lo, T.K. 24571
Lam, F.K. *see* Chan, B.C.B. 49485
Lam, F.K. *see* Chan, F.H.Y. 15587
Lam, J. *see* Chandler, D. 51458
Lam, J. *see* Cheung, E.S.H. 16935
Lam, J. *see* Leung, H. 34513
Lam, J. *see* Ratner, J. 59578
Lam, K.H., Au, O.C., Chan, C.C., Hui, K.F., Lau, S.F. Objective speech quality measure for cellular phone 15042
Lam, K.N., Devadas, S. PECS: a peak current and power simulator for CMOS combinational circuits 1316
Lam, K.N., Rusu, S. Circuit design compliance checking in VLSI circuits 11038
Lam, K.P. *see* Ng, H.S. 1023
Lam, K.Y. *see* Dong, Y.C. 34139
Lam, L., Morin, R. Specification, performance, testing and qualification of extra-heavy-duty connectors for high-voltage applications 51424
Lam, L. *see* Cordova, A. 27624
Lam, L.M. *see* Ghante, V. 12687
Lam, M.P., Kornegay, K.T., Cooper, J.A., Jr., Melloch, M.R. Ion implant technology for 6H-SiC MESFET's digital ICs 2843
Lam, N.T. *see* Kelly, K.L. 4275
Lam, P.-S. *see* Chao, Y.-J. 19503
Lam, R. *see* Zhao, B. 42682
Lam, S. *see* Wing-Hung Ki 21502
Lam, S.K. *see* Hammon, J. 51262
Lam, S.S. *see* Xie, G.G. 57591
Lam, S.W.-C. Texture feature extraction using gray level gradient based co-occurence matrices 25335
Lam, T. *see* Jian-Gang Zhu 32847
Lam, T.W. *see* Chow, K.P. 26059
Lam, W.C.Y., Shiu Yin Yuen Efficient circular object detection with hypothesis filtering strategy and Hough transform 5411
Lam, W.C.Y., Yuen, S.Y. Efficient technique for circle detection using hypothesis filtering and Hough transform 5195
Lam, W.M., Wornell, G.W. Multiscale analysis of fractal point processes and queues 16076
Lam, Y.W. *see* Florence, W.Hu. 52784
Lam, Y.W. *see* Lee, S.-T. 21292
Lam, Y.W. *see* Lin Zhang-Da 40522
Lam, Y.W. *see* Poon, M.C. 32095
Lam, Y.W. *see* Wong, C.K.H. 33236
Lam Chan *see* Shimizu, H. 51743
Lam Chi Chung *see* Chi Chung Lam
Lam Chung *see* Chung Lam
Lam Kam Hung *see* Kam Hung Lam
Lam Kam-Yiu *see* Kam-Yiu Lam
Lam Kin-Man *see* Kin-Man Lam
Lam King-Fai *see* King-Fai Lam
Lam King-Shun *see* King-Shun Lam
Lam Kwok Leung *see* Kwok Leung Lam
Lam Kwok-Wa *see* Kwok-Wa Lam
Lam Kwok-Yan *see* Kwok-Yan Lam
Lam Man Pio *see* Man Pio Lam
Lam Wong Hing *see* Lu Fan 47652
Lam Yat Wah *see* Yat Wah Lam
Lam-Du, S. *see* Pierrat, L. 8740
Lamaire, M. *see* Jeszka, J.K. 22321
LaMaire, R.O., Krishna, A. Maximizing throughput in a random access radio system by optimal power level choice 6454
LaMaire, R.O. *see* Hajek, B. 35971
Lamalle, B. *see* Coulot, C. 46141
Lamancusa, J. *see* De Ramirez, L.M. 20487
Lamancusa, J.S., Jorgensen, J.E., Fridley, J.L. Product dissection–a tool for benchmarking in the process of teaching design 20696
Lamanna, U.T. *see* Celiberto, R. 37174
LaMarche, D.J. *see* Petersen, M.J. 28397
Lamarche, L., Gagnon, D., Miron, M. Long term attenuation measurements on optical ground wires 16669
Lamare, B. *see* Benchimol, J.L. 40373
Lamare, M. *see* Mercier, R. 27914
Lamare, M. *see* Picart, P. 17479
LaMarra, D. *see* Beringer, J. 37394
Lamarre, L. At home with telecommunications 60253
Lamarre, L., Amyot, N., Durand, M., Laverdure, C. Effect of new cleaning solvents on electrical insulation materials 19358
Lamarre, L. *see* Parpal, J.-L. 8906
Lamas Valverde, J. *see* Cerron Zeballos, E. 37278
Lamaze, G.P. A high efficiency device for the detection of radioactive xenon isotopes 50221
Lamb, C.R. *see* Sikka, K.K. 255
Lamb, H.C. *see* Vaidya, M. 51115
Lamb, H.H. *see* Sumakeris, J.J. 10802
Lamb, J. *see* Blondel, J. 48207
Lamb, J.D., Asher, G.M., Woodall, D.R. Bond graphs III: bond graphs and electrical networks 40754
Lamb, J.D., Woodall, D.R., Asher, G.M. Bond graphs.I. Acausal equivalence 30489
Lamb, J.D., Woodall, D.R., Asher, G.M. Bond graphs. II. Causality and singularity 52468
Lamb, J.E., III. *see* Dai, C.-M. 2469
Lamb, J.W. Miscellaneous data on materials for millimetre and submillimetre optics 43431
Lamb, J.W. Cross-polarisation and astigmatism in matching grooves 44185
Lamb, K.D. Use of binary decision diagrams in the modelling and synthesis of binary multipliers 11395
Lamb, R.N. *see* Hartmann, A. 2317
Lamb, R.N. *see* Koch, M.H. 865
Lamb, R.N. *see* Puchert, M.K. 2055
Lamb, R.N. *see* Timbrell, P.Y. 40686
Lamba, C. *see* Zaciu, R. 57029
Lambadaris, I. *see* Riyaz Ismail, M. 46575
Lambarelli, L. Evolution of market needs towards broadband services 5930
Lambarelli, L., D'Ambrosio, M., Castelli, P. Broadening the ATM offer with a full set of service categories 57704
Lambeck, P.V., Heideman, R.G., Ikkink, T.J. Phase-modulated Mach-Zehnder interferometer for sensor applications 27448
Lambeck, P.V. *see* Heideman, R.G. 27487
Lambers, E.S. *see* Hong, J. 12738
Lambers, E.S. *see* Hong, J. 12762
Lambers, E.S. *see* Lee, J.W. 22592
Lambers, E.S. *see* Lee, J.W. 54437
Lambers, E.S. *see* Mileham, J.R. 42517
Lambers, E.S. *see* Vartuli, C.B. 22257
Lambert, A.P. *see* Booker, S.M. 14734
Lambert, B., Baudet, M., Gauneau, M., Le Corre, A., Lever, R., L'Haridon, H., Moisan, G., Salaun, S., Vaudry, C. Fast photorefractive multiple quantum well working at 1.55 μm 13686
Lambert, B. *see* Le Corre, A. 44073
Lambert, B. *see* L'Haridon, H. 14278
Lambert, B.A., Jr. *see* Shirer, H.N. 50120
Lambert, C. *see* Barbaresco, F. 58442
Lambert, C. *see* Liboutet, J.M. 11821
Lambert, C.J. *see* Cook, P.M.A. 3288
Lambert, D., Slater, S. First, fast, and on-time, the path to success. Or is it? 9953
Lambert, D. *see* Bremond, M. 10079
Lambert, D. *see* Joly, J. 6411
Lambert, D. *see* Joly, J. 22112
Lambert, D.E., Pendergrass, N.A., Jarvis, S.M. An adaptive block decision feedback receiver for improved performance in channels with severe intersymbol interference 48033
Lambert, F.C. *see* Bass, R.M. 29795
Lambert, G., Noll, J. Discrimination properties of invariants using the line moments of vectorized contours 5560
Lambert, J. *see* Barbaresco, F. 58442
Lambert, J.H. *see* Eisele, J.S. 9985
Lambert, M., Kahn, H. GRACE: visualizing EDIF PCB in 3D 31574
Lambert, N., Baller, T.S., Van Gorkom, G.G.P., Hendriks, B.H.W., Montie, E.A., Trompenaars, P.H.F., De Zwart, S.T. Selection system of Zeus displays 58939
Lambert, N., Montie, E.A., Baller, T.S., Van Gorkom, G.G.P., Hendriks, B.H.W., Trompenaars, P.H.F., De Zwart, S.T. Transport and extraction in Zeus displays 58936
Lambert, N. *see* De Zwart, S.T. 53949
Lambert, N. *see* Hendriks, B.H.W. 53948
Lambert, N. *see* Hendriks, B.H.W. 58937
Lambert, N. *see* Montie, E.A. 58935
Lambert, N. *see* van Gorkom, G.G.P. 41802
Lambert, P. *see* Carron, T. 57473
Lambert, P. *see* Jerominek, H. 17367

Lambert, R.H., Nikias, C.L. A sliding cost function algorithm for blind deconvolution 5699
Lambert, S. *see* Degerine, S. 45775
Lambert, S.R. *see* Swindler, D.L. 61373
Lambert, T. *see* Jia, L. 37706
Lambert-Nebout, C. *see* Bellemain, P. 16934
Lambert-Torres, G., da Silva, A.P.A., Quintana, V.H., da Silva, L.E.B. Classification of power system operation point using rough set techniques 28792
Lambert-Torres, G., Ribeiro, G.M., Costa, C.I.A., Alves da Silva, A.P., Quintana, V.H. Knowledge engineering tool for training power-substation operators 51425
Lambert-Torres, G. *see* Arango, H.G. 19296
Lambert-Torres, G. *see* Arango, H.G. 28847
Lamberti, A. *see* Capasso, C. 32299
Lamberti, C. *see* Zini, G. 59415
Lamberti, N., Palumbo, A., Iula, A., Di Rosa, P., Pappalardo, M. A piezoelectric rotating actuator using bending vibrations of a thin plate 55009
Lamberti, P. *see* Dagnino, C. 10550
Lambertson, G. Beam bunch feedback 36986
Lambertson, G. *see* Corlett, J.N. 49255
Lambertson, G. *see* Heifets, S. 49221
Lambertz, A. *see* Folsch, J. 39149
Lambeth, D.N. *see* Li, J. 3456
Lambin, P. *see* Guyaux, J.-L. 2120
Lambirth, J.S. *see* Kiamilev, F.E. 55356
Lamboglia, K. *see* Regli, P. 12632
Lambrecht, A. *see* Courty, J.-M. 33729
Lambrecht, C.J.van den Branden *see* van den Branden Lambrecht, C.J.
Lambrecht, J. *see* Barsch, R. 38410
Lambrecht, R. *see* Brosius, B. 39367
Lambrecht, R.F., Sadeghi, H. A novel combination of permanent magnet generator and exciter 29242
Lambrecht, R.M. *see* Pentlow, K.S. 7909
Lambrechts, S.M., Rothwell, H.L., Jr. A study on UV protection in lighting 39403
Lambrette, U., Speth, M., Meyr, H. OFDM burst frequency synchronization by single carrier training data 46529
Lambrinos, D., Scheier, C. Building complete autonomous agents: a case study on categorization 36676
Lambrinos, D. *see* Scheier, C. 56667
Lambropoulos, J. *see* Smith, M. 33195
Lambson, C., Choudhury, M., Davis, R. Automated reticle transport and stepper loading 2547
Lamedica, R., Mazzaro, M., Modesto, C., Prudenzi, A. Enhancing the performances of a basic neural network tool for short-term forecasting of Italian electric load 8833
Lamedica, R., Prudenzi, A., Caciotta, M., Orsolini Cencelli, V. The influence of meteorological parameters on Italian electric hourly load: the selection of variables of the ANN training set for short term load forecasting 8834
Lamedica, R., Prudenzi, A., Sforna, M., Caciotta, M., Cencellli, V.O. A neural network based technique for short-term forecasting of anomalous load periods 19248
Lamedica, R., Prudenzi, A., Tironi, E., Zaninelli, D. A model of large load areas for harmonic studies in distribution networks 38344
Lamedica, R. *see* Caciotta, M. 50486
Lameillieure, J.D. Rate-distortion optimal thresholding in SNR scalability based on 2D dynamic programming 15653
Lameillieure, J.De *see* De Lameillieure, J.
Lameillieure, J.L.P.De *see* De Lameillieure, J.L.P.
Lamel, L. *see* Adda-Decker, M. 14885
Lamel, L. *see* Gauvain, J.L. 24819
Lamel, L. *see* Young, S.J. 56368
Lamel, L.F., Gauvain, J.L., Bennacef, S.K., Devillers, L., Foukia, S., Gangolf, J.J., Rosset, S. Field trials of a telephone service for rail travel information 45681
Lamela, H., Garcia, E. A low power laser rangefinder for autonomous robot applications 48876
Lamela, H., Gomez, S., Carpintero, G., Acedo, P., Hernandez, L., Olias, E. High speed range map obtaining in a triangulation range finder for mobile robots 46271
Lameris, G.H. *see* Lemkowitz, S.M. 30034
Lamersdorf, W. *see* Muller, S. 26207
Lamersdorf, W. *see* Muller-Jones, K. 6113
Lamfers, D.D. Design, cost, size, and performance trade-offs of SOIC SMT technology vs. hybrid circuit technology 30329
Lamfou, N.J., Al-Rabghi, O.M., Akyurt, M., Najjar, Y.S.H. Modelling and simulation of a waste heat recovery system using looped heat pipes 29103
Lami, E., Mattachini, F., Sala, R., Vigl, H. A mathematical model of electrostatic field in wires-plate electrostatic precipitators 33839
Lamin, R.I. *see* Pastor, D. 55228
Laming, R.I., Robinson, N., Scrivener, P.L., Barcelos, S., Reekie, L., Tucknott, J.A., Zervas, M.N. A dispersion tunable grating in a 10 Gbit/s 100-220 km step index fibre link 16829
Laming, R.I. *see* Barcelos, S. 13592
Laming, R.I. *see* Cole, M.J. 26779
Laming, R.I. *see* Cole, M.J. 48024
Laming, R.I. *see* Culverhouse, D.O. 44128
Laming, R.I. *see* Ennser, K. 26780
Laming, R.I. *see* Kringlebotn, J.T. 17434
Laming, R.I. *see* Loh, W.H. 14220
Laming, R.I. *see* Loh, W.H. 23810
Laming, R.I. *see* Minelly, J.D. 26818
Laming, R.I. *see* Ortega, B. 55195
Laming, R.I. *see* Poulsen, C.V. 6756
Laming, R.I. *see* Royset, A. 16827
Laming, R.I. *see* Taverner, D. 13601
Lamken, E.R. The existence of partitioned generalized balanced tournament designs with block size 3 56266
Lamm, I.-L. The need for continuing education for the medical physicist 52026
Lamm, M. *see* Scanlan, R.M. 13516
Lamm, M. *see* Scanlan, R.M. 37053
Lammasniemi, J., Tappura, K., Jaakkola, R., Kazantsev, A., Rakennus, K., Uusimaa, P., Pessa, M. Molecular beam epitaxy grown GaInP top cells and GaAs tunnel diodes for tandem applications 38984
Lammasniemi, J. *see* Marszalec, J. 17537
Lammering, R. *see* Campanile, L.F. 10194
Lammerink, T. *see* Popescu, D.S. 43404
Lammerink, T.S.J. *see* Burger, G.J. 12834
Lammerink, T.S.J. *see* de Bree, H.-E. 13166
Lammerink, T.S.J. *see* Imai, S. 58689
Lammert, M. *see* Kobayashi, K.W. 41512
Lammert, M.D. *see* Kobayashi, K.W. 1729
Lammert, M.D. *see* Kobayashi, K.W. 11718
Lammert, R.M., Hughes, J.S., Roh, S.D., Osowski, M.L., Jones, A.M., Coleman, J.J. Low-threshold narrow-linewidth InGaAs-GaAs ridge-waveguide DBR lasers with first-order surface gratings 23973
Lammert, R.M., Roh, S.D., Hughes, J.S., Osowski, M.L., Coleman, J.J. MQW DBR lasers with monolithically integrated external-cavity electroabsorption modulators fabricated without modification of the active region 55692
Lammert, R.M., Smith, G.M., Hughes, J.S., Osowski, M.L., Jones, A.M., Coleman, J.J. MQW wavelength-tunable DBR lasers with monolithically integrated external-cavity electroabsorption modulators with low-driving-voltages fabricated by selective-area MOCVD 16820
Lammert, R.M. *see* Kluender, J.F. 10854
Lammert, R.M. *see* Osowski, M.L. 26870
Lammert, R.M. *see* Roh, S.D. 33535
Lamond, B.F., Boukhtouta, A. Optimizing long-term hydro-power production using Markov decision processes 29142
Lamond, B.F., Lang, P. Lower bounding aggregation and direct computation for an infinite horizon one-reservoir model 9126
Lamond, C., Avrutin, E.A., Barrow, D.A., Thayne, I.G., Bryce, A.C., Marsh, J.H. Two-section self-pulsating laser diodes and their application to microwave and millimetre-wave optoelectronics 23895
Lamont-Smith, T. The estimation of ocean current from ω-k analysis of radar data 8493
Lamoreaux, P., Wagner, G. Vision guided assembly 53807
Lamoreaux, S.K. Applications of optically pumped mercury to fundamental measurements 48312
Lamothe, P. *see* Calvel, P. 22947
Lamotte, M. *see* Bour, L. 30481
Lamour, R. A shooting method for fully implicit index-2 differential algebraic equations 40185
Lamp, T. *see* Ramalingam, M.L. 27047
Lamp, T.R. Advanced conversion technologies for small-scale remote power systems 20086
Lamp, T.R. *see* Baker, J. 22076
Lamp, T.R. *see* Ramalingam, M.L. 18741
Lamp, T.R. *see* Reinhardt, K.C. 18704
Lampaert, K., Gielen, G., Sansen, W. Thermally constrained placement of smart-power IC's and multi-chip modules 53878
Lampariello, P. *see* Di Nallo, C. 11657
Lamparter, T. *see* MacGregor, I.J.D. 37365
Lampe, D. *see* McKee, R. 17495
Lampe, S. *see* Gurskii, A.L. 40476
Lampe, S. *see* Heuken, M. 40319
Lampe, S. *see* Taudt, W. 40469
Lampe, S. *see* Taudt, W. 40588
Lampel, M.C. A time dependent solution to the relativistic one-dimensional diode 31694
Lampel, M.C. Coherent Smith-Purcell radiation as a pulse length diagnostic 37095
Lampinen, J. *see* Aschan, C. 37862
Lampinen, M. *see* Heikonen, J. 29532
Lampka, J. *see* Borawski, C. 1823
Lampropoulos, G.A., Boulter, J.F. Space-based multisensor-multispectra nonstationary image analysis 25521
Lampropoulos, G.A. *see* Halet, A. 35118
Lampson, A.I. *see* Rafferty, B.D. 55502
Lampson, B. *see* Tennenhouse, D. 6145
Lampton, M. Damping-undamping strategies for the Levenberg-Marquardt nonlinear least-squares method 30562
Lamquin, M. *see* Froidure, J.-C. 6738
Lamure, J.C. A review of current static converter design 29805
Lamure, J.M. *see* Lee, B.H. 21661
Lamvik, M. *see* Venkatasubramanian, R. 52672
Lamy, P. *see* Anderson, J. 25843
Lan, C.W. Effect of axisymmetric magnetic fields on radial dopant segregation of floating-zone silicon growth in a mirror furnace 40301
Lan, C.W., Liang, M.C., Song, C.R., Fu, C.K. Shape control in crystal pulling from a floating die 10607
Lan, C.W. *see* Liang, M.C. 10663
Lan, J., Boucher, S.G. Dual frequency mode transducer 48145
Lan, J. *see* Chiang, S. 30261
Lan, S. *see* Zwolinski, M. 41634
Lan, S.M. *see* Liao, S.M. 21285
Lan, Y.C., Hu, Y. Equivalent-circuit model of vircators with step circular waveguides 12091
Lan, Y.Y. *see* Kishek, R.A. 31686
Lan Bo *see* Lu Fan 47652
Lan Fu Lei *see* Wen Chang Huang 42539
Lan Hoang *see* Shaffer, E.O., II 948
Lan Huang *see* Huang Lan
Lan Huibin *see* Mao Zepu 59254
Lan Je-Hsiung *see* Je-Hsiung Lan
Lan Rao *see* Wenming Zhou 43211
Lan Shao, Liren Liu, Haifeng Peng, Guoqiang Li Routing scheme, permutation properties, and optical implementation of a four-shuffle-exchange-based Omega network 58401
Lan Shao *see* Guoqiang Li 44130
Lan Shao *see* Liren Liu 23612
Lan Sheng *see* Sheng Lan
Lan Tao *see* Li JiCheng 8643
Lan Ton Thi Ngoc *see* Ton Thi Ngoc Lan
Lan Wenguang, Zheng Xiangyuan, Lin Weizhu, Yao Xingwan, Gu Lianquan Studies on the computer controlled fabrication of LB multiplelayer molecule films 36371
Lan Xiang Xiang *see* Xiang Lan Xiang
Lan Yu-Ping *see* Yu-Ping Lan
Lan Zhou *see* Kuoping Wang 14435
Lan-Ying Lin *see* Qi-Yuan Wang 54037
Lan-Ying Lin *see* Lin Lan-Ying
Lanagan, M.T. *see* Cha, Y.S. 32954
Lanari, R. *see* Coltelli, M. 28608
Lanari, R. *see* Di Bisceglie, M. 6932
Lanari, R. *see* Fornaro, G. 8361
Lanari, R. *see* Fornaro, G. 18813
Lanari, R. *see* Fornaro, G. 25258
Lanari, R. *see* Fornaro, G. 48075
Lanaro, A. *see* Benussi, L. 37231
Lanca, M.Carmo *see* Carmo Lanca, M.
Lancashire, D.C. High phase accuracy SAR processing 16950
Lancaster, I.M. Worldwide authentication market for DOVIDs: past, present, ensuring the future 44810
Lancaster, J.L. *see* Handers, T.A. 49422
Lancaster, M.J. *see* De Melo, M.T. 21895
Lancaster, M.J. *see* Jia-Sheng Hong 11655
Lancaster, P. *see* Dal, H. 52550
Lancaster, R.A. *see* Kim, J.S. 1997
Lancee, C.T. *see* Li, W. 28189
Lancee, C.T. *see* van der Steen, A.F.W. 18349
Lancefield, D. *see* Kasap, M. 54095
Lancha, A.M. *see* Garcia-Mazario, M. 29032
Lanchares, J., Hidalgo, J.I., Sanchez, J.M. A method for multiple-level logic synthesis based on the simulated annealing algorithm 31223
Lancia, E., Gianfelici, D. DS-CDMA/OQPSK BER performance evaluation in an overpopulated mobile communication channel: A Fourier-Bessel approach 26624
Lancia, M. *see* Draoli, M. 47251
Lancis, J., Tajahuerce, E., Andres, P., Climent, V., Tepichin, E. Single-zone-plate achromatic Fresnel-transform setup: pattern tunability 46180
Lancor, L., Wurst, K., Barker, K. A methodology for Web-based learning in engineering 20699
Landa Silva, J.D. *see* Recobos Rodriguez, P.A. 56924
Landais, P., Pham, G., Duan, G.H., Chabran, C., Gallion, P., Jacquet, J. 4 GHz all-optical clock recovery using a self-pulsating multielectrode distributed feedback laser 26746
Landau, F.H. *see* Schumacher, R.W. 58736
Landau, P. *see* Nijmeijer, M.J.P. 55201
Landberg, L. The availability and variability of the European wind resource 60469
Lande, D., Heanue, J.F., Bashaw, M.C., Hesselink, L. Digital wavelength-multiplexed holographic data storage system 3353
Lande, D., Heanue, J.F., Catrysse, P., Bashaw, M.C., Hesselink, L. Digital wavelength multiplexed holographic data storage system 4134
Lande, S. The High Temperature Electronics Network (HITEN): a case study in providing Internet information services 39960
Lande, T.S. *see* Abusland, A. 1643
Lande, T.S. *see* Hovin, M. 21768
Lande, T.S. *see* Marienborg, J.-T. 1642
Landeau, T., Gauthier, L.F., Ruelle, N. Further improvements to the inversion of elevation-scan backscatter sounding data 50048
Landeck, J. *see* Basilio Simoes, J. 53379
Landeck, J. *see* Basilio Simoes, J. 59337
Landeck, J. *see* Morgado, A.M.L.S. 53083
Landecker, T.L. *see* Smegal, R.J. 58514
Landegem, T.Van *see* Van Landegem, T.
Lander, P., Aramendi, E., Groshon, R., Ringborn, M., Sornmo, L., Lazzara, R., Wagner, G. Relation between estimates of myocardial ischemia using high resolution electrocardiography and scintigraphic images 49689
Lander, P., Berbari, E.J. Time-frequency plane Wiener filtering of the high-resolution ECG: background and time-frequency representations 49647

Lander, P., Berbari, E.J. Time-frequency plane Wiener filtering of the high-resolution ECG: development and application 49648
Lander, P. *see* Bravo, R. 59650
Lander, P. *see* Gomis, P. 49679
Lander, R. *see* Han, J. 18087
Lander, S.E. *see* Brown, D.C. 39698
Lander, T. *see* Sutton, S. 24872
Landers, R. *see* Zanatta, A.R. 2067
Landes, C., Harrod, K.G. One day [service integration] 26011
Landes, H. *see* Waidhas, M. 19988
Landes, R. *see* Kaltenbacher, M. 43733
Landesman, B.T. *see* Olson, D.F. 25264
Landesman, J.P. *see* Sauvage-Simkin, M. 2040
Landgrebe, D.A. *see* Allebach, J.P. 52032
Landgrebe, D.A. *see* Chulhee Lee 15964
Landgrebe, D.A. *see* Hsieh, P. 8334
Landgren, G. *see* Frojdh, K. 12410
Landgren, G. *see* Lundstrom, T. 2129
Landgren, G. *see* Silfvenius, C. 40335
Landheer, D. *see* Huang, L.J. 54288
Landheer, D. *see* Rajesh, K. 42506
Landhuis, D. *see* Abel, J. 7143
Landi, C., Frosini, P. Connections between size functions and morphological transformations 46025
Landinger, C.C., McAuliffe, J.W., Clapp, A.L., Dagenhart, J.B., Thue, W.A. Safety considerations of aerial systems using insulated and covered wire and cable 50606
Landinger, C.C. *see* Clapp, A.L. 50605
Landis, D., Burnie, G., Nicewarner, E., Notman, J. Transfer bumping onto bare chips for TAB and flip-chip bonding 22086
Landis, D.L. *see* Athan, S.P. 23003
Landis, G.A. Reflectance-reducing covers for solar cells 39182
Landis, G.A. *see* Wilt, D.M. 38975
Landis, G.A. *see* Yater, J.A. 38980
Landis, J.R. *see* Popowski, Y. 59768
Landman, P. High-level power estimation 11044
Landman, P.E., Rabaey, J.M. Activity-sensitive architectural power analysis for the control path 21439
Landman, U. *see* Bogachek, E.N. 12389
Landolt, O. *see* Mortara, A. 1627
Landon, M. *see* Brawn, I. 59325
Landousies, B. *see* Lebref, R. 33408
Landousies, B. *see* Lebref, R. 55538
Landrault, C. *see* Girard, P. 41043
Landreau, J. *see* Nakajima, H. 26910
Landreau, J. *see* Ramdane, A. 26813
Landreau, J. *see* Sigogne, D. 14157
Landreth, B.D. *see* Pennisi, R. 39848
Landreth, D. Evaluating the correct method of teleconferencing 16376
Landriu, D. *see* Cesarsky, C.J. 36548
Landrock, P. *see* Anderson, M.B. 4533
Landron, O. *see* Valenzuela, R.A. 34075
Landry, G.D., Maldonado, T.A. Gaussian beam transmission and reflection from a general anisotropic multilayer structure 3946
Landry, M. *see* Que Bui-Van 38897
Landry, N. *see* Kruzelecky, R.V. 33106
Landry, N.R. *see* Agrawal, A.K. 34452
Landry, R., Stavrakakis, I. Multiplexing ATM traffic streams with time-scale-dependent arrival processes 46688
Landsberg, P.T. *see* Liakos, J.K. 20048
Landsberger, L.M. *see* Ahmad, H. 23053
Landsberger, L.M. *see* Naseh, S. 13189
Landsberger, L.M. *see* Nikpour, B. 17283
Landsberger, L.M. *see* Sayedi, S.M. 12576
Landsberger, L.M. *see* Tait, R.N. 13188
Landsberger, S., Shaperman, J., Setoguchi, Y., Fite, R., Lin, A., Vargas, V., McNeal, D. Child prosthetic hand design: no small challenge 37875
Landstorfer, F.M. *see* Ning Yan Zhu 56026
Landstorfer, F.M. *see* Ruoss, H.-O. 47829
Landstorfer, F.M. *see* Ruoss, H.-O. 47832
Landucci, R. *see* Vigon, B.W. 28985
Landuyt, J.van *see* van Landuyt, J.
Landweer, G.E.N., Roca i Cabarrocas, P. Photoemission measurements on aluminium and amorphous silicon by pulsed laser illumination in presence of a plasma 55761
Landwehr, B. *see* Marwedel, P. 40816
Landwehr, G. *see* Dorozhkin, S.I. 32458
Landwehr, G. *see* Eisert, D. 55638
Landwehr, G. *see* Kochereshko, V.P. 12396
Landwehr, G. *see* Kochereshko, V.P. 22371
Landwehr, G. *see* Kulakovskii, V.D. 2156
Landwehr, G. *see* Kuttler, M. 2137
Landwehr, G. *see* Lunz, U. 2149
Landwehr, G. *see* Mackh, G. 22316
Landwehr, G. *see* Mackh, G. 22369
Landwehr, G. *see* Nurnberger, J. 44457
Landwehr, G. *see* Schull, K. 54164
Landwehr, G. *see* Shao, H. 2219
Landwehr, G. *see* Spahn, W. 40441
Landwehr, G. *see* Waag, A. 22312
Landwehr, G. *see* Waag, A. 23959
Landy, C.F. *see* Cruise, R.J. 39487
Landy, P. *see* Chian, M. 26234
Lane, A.P. *see* Beck, S.E. 42523
Lane, A.P. *see* Chamberlin, R.A. 45143
Lane, A.P. *see* George, M.A. 42467
Lane, B., Wu, D., Rybaltowski, A., Yi, H., Diaz, J., Razeghi, M. Compressively strained multiple quantum well InAsSb lasers emitting at 3.6 μm grown by metal-organic chemical vapor deposition 40408
Lane, B., Wu, D., Yi, H.J., Diaz, J., Rybaltowski, A., Kim, S., Erdtmann, M., Jeon, H., Razeghi, M. Study on the effects of minority carrier leakage in InAsSb/InPAsSb double heterostructure 42059
Lane, B. *see* Desmond, D. 27460
Lane, B. *see* Diaz, J. 21229
Lane, B. *see* Wu, D. 23980
Lane, B. *see* Yi, H. 3868
Lane, D. *see* Goldblum, C.E. 45248
Lane, F., Scarpa, C., Koslov, J., Vinekar, S., Juan, Y. A single chip demodulator for 64/256 QAM 17091
Lane, I.E., Beute, N. A model of the domestic hot water load 20254
Lane, I.E. *see* Delport, G.J. 39484
Lane, I.E. *see* Rautenbach, B. 20252
Lane, I.E. *see* van Tonder, J.C. 20253
Lane, J. Today's MCM designs require a new level of sophistication called: physical engineering 41710
Lane, J.A. *see* Waller, D. 29613
Lane, K.D., Paige, F.E., Skwarnicki, T., Womersley, W.J. Simulations of supercollider physics 59215
Lane, P.M. *see* Griffin, R.A. 16667
Lane, P.M. *see* Zhang, S.L. 26695
Lane, P.M. *see* Zhang, S.L. 47524
Lane, R., Drake, S., Edwards, T., Hubbard, J. Biceramic macrocomposites [for compact sound sources] 43592
Lane, R.G. *see* Bainbridge-Smith, A. 25278
Lane, R.L. *see* Smith, B.W. 22667
Lane, R.L. *see* Smith, B.W. 42841
Lane, S. *see* Ludwig, C.T. 1703
Lane, S.N. *see* Olsen, D.K. 49153
Lane, T.L., Scheer, J.A. Fiber optic line phase noise and drift effects on bistatic imaging radar performance 6933
Lane, W. *see* Garde, A. 48471
Lane, W.A. *see* Murray, A.F.J. 2569
Lane, W.A. *see* Murray, A.F.J. 13095
Lane, W.D. Textbook principles to communications hardware: making it work 20721
Lanet, V. *see* Aurenty, P. 48374
Laneus, G.S. *see* Ehrich, M. 53787
Laneve, T., Do-Ky, H., Watson, P., Stubbs, M.G. Implementation of a large-signal HBT model in Libra™ 53627
Laneville, A. *see* Brika, D. 38385
Lanfen Qi *see* Hong Ma 11731
Lanfen Qi *see* Qi Lanfen
Lanfeng Qi *see* Qi Lanfeng
Lanford, W.A. *see* Hymes, S. 42713
Lanford, W.A. *see* Hymes, S. 42752
Lanfranchi, P. *see* Colombo, R. 37593
Lang, A.R. *see* Steeds, J.W. 12196
Lang, B. The art and science of prioritising product development 46841
Lang, D. *see* Michie, C. 17454
Lang, F., Coyle, P., Stabile, P., Tower, J., Zubalsky, I., Ornstein, I. 640x480 PtSi infrared engine 27671
Lang, G. *see* Pegrum, C.M. 49414
Lang, H. *see* Meretoja, A.-P. 59715
Lang, H.-W. *see* Schimmler, M. 34993
Lang, H.P. *see* Berger, R. 48476
Lang, J. *see* Dubois, D. 10281
Lang, J. *see* Zhou, Z.-L. 7793
Lang, J.H. *see* Kim, W.-J. 29735
Lang, J.H. *see* Milanfar, P. 9200
Lang, J.H. *see* Tolikas, M. 29274
Lang, J.W. Strategic alliances between large and small high-tech firms (the small firm licensing option) 52085
Lang, K. PC-supported measurements 48755
Lang, K. *see* Ussery, C. 53462
Lang, K.-D. *see* Osterwald, F. 53834
Lang, M., Heller, P.N. The design of maximally smooth wavelets 15295
Lang, M. *see* Berroth, M. 36182
Lang, M. *see* Evertsz, C.J.G. 49449
Lang, M. *see* Leber, P. 32564
Lang, M. *see* Lehmberg, S. 25753
Lang, M. *see* Stahl, H. 14944
Lang, M. *see* Zvara, M. 12589
Lang, O., Wassermann, J., Springer, H. Adaptive vibration control of a rigid rotor supported by active magnetic bearings 29238
Lang, O. *see* Nusse, S. 42036
Lang, P. *see* Lamond, B.F. 9126
Lang, R. *see* O'Brien, S. 44508
Lang, R.J. *see* DeMars, S.D. 3844
Lang, R.J. *see* MacCormack, S. 44510
Lang, R.J. *see* O'Brien, S. 33527
Lang, R.J. *see* O'Brien, S. 44566
Lang, R.M. *see* DeMarzo, A.P. 49609
Lang, R.M. *see* Mor-Avi, V. 37732
Lang, R.M. *see* Remin Lin 49528
Lang, S., Drees, D. Catenary poles integrated in noise barriers 61269
Lang, S.B. A new technique for solving the integral equation of the surface laser intensity modulation method (SLMM) 54875
Lang, S.B. *see* Bauer, S. 2884
Lang, S.R. *see* Travis, A.R.L. 36824
Lang, S.W. *see* Fiore, P.D. 25022
Lang, T., Genon-Catalot, D., Dandrea, P., Duport, I.S., Benech, P. New integrated optics displacement sensor in glass 17332
Lang, T., Wiemhofer, H.-D., Gopel, W. Carbonate based CO_2 sensors with high performance 27712
Lang, T. *see* Antelo, E. 15201
Lang, T. *see* Buhl, D. 32895
Lang, T. *see* Chen, X.H. 6465
Lang, T. *see* Ercegovac, M.D. 1270
Lang, T. *see* Nannarelli, A. 11320
Lang, V., Belyaev, A.G., Bogaevsici, I.A., Kunii, T.L. Fast algorithms for ridge detection 46502
Lang, W. *see* Folkmer, B. 17256
Lang, W. *see* Kozlowski, F. 13171
Lang, W. *see* Li Hui-Jun 53468
Lang Hong *see* Zhen Ding 24964
Lang Jen *see* Cheng Liao 14559
Lang Jen *see* Wenhua Yu 4220
Lang Ren *see* Ren Lang
Lang Rong, Wei-Chang Wang, Logan, M., Donohue, T. Multiplatform multisensor fusion with adaptive-rate data communication 36207
Lang Tong Blind asynchronous near-far resistant FIR receivers for CDMA communication 5814
Lang Tong Identification of multivariate FIR systems using higher-order statistics 25155
Lang Tong, Zeng, H.H. Channel surfing reinitialization for the constant modulus algorithm 46538
Lang Tong *see* Zeng, H.H. 25819
Lang XiaoPing *see* Du Ling 44817
Lang-Ru Li *see* Ma Qi-Shuang 44945
Lang-sheng Yun *see* Kewei Chen 28233
Langan, J. *see* Heeger, A.J. 4993
Langan, J.P. High-performance PWBs 41633
Langaris, C., Katsaros, A. Preemptive resume priorities in an n-class structured queue with server vacations 52422
Langaris, C., Katsaros, A. An M/G/1 queue with finite population and gated service discipline 52424
Langbein, K. *see* Baranov, V.Yu. 18077
Langbein, K. *see* Bourgeois, M. 49273
Langbein, K. *see* Charmot, H. 49026
Langbein, K. *see* Collier, J. 18076
Langbein, K. *see* Haseroth, H. 49278
Langbein, K. *see* Hill, C.E. 49272
Langbein, K.L. *see* Mroz, W. 59182
Langbein, W., Luerssen, D., Kalt, H., Hvam, J.M., Braun, W., Ploog, K. Influence of the interface corrugation on the subband dispersions and the optical properties of (113)-oriented GaAs/AlAs superlattices 2214
Langbein, W. *see* Gislason, H. 773
Langbein, W. *see* Mizeikis, V. 54195
Langdon, A.B. *see* Haber, I. 18035
Langdon, A.B. *see* Haber, I. 59125
Langdon, G.G., Jr. *see* Zandi, A. 5331
Langdon, L.A.B. *see* Haber, I. 18026
Langdon, S.L. *see* Taylor, C.D. 45123
Lange, A., Palka, P., Caso, P., Fenn, L.N., Olszewski, R., Ramo, M.P., Shaw, T.R.D., Nowicki, A., Fox, K.A.A., Sutherland, G.R. Doppler myocardial imaging vs. B-mode grey-scale imaging: a comparative in vitro and in vivo study into their relative efficacy in endocardial boundary detection 49560
Lange, A.E. *see* Holzapfel, W.I. 58516
Lange, A.E. *see* Mauskopf, P.D. 36577
Lange, H., Moller, R., Neumann, B. Avoiding combinatorial explosion in automatic test generation: reasoning about measurements is the key 11137
Lange, H. *see* Filonov, A.B. 42009
Lange, H. *see* Henrion, W. 12319
Lange, H. *see* Ouali, M.H. 57449
Lange, H. *see* Teichert, St. 895
Lange, J. *see* Engels, G. 42164
Lange, J.S. *see* Huebner, B. 37357
Lange, K. *see* Fessler, J.A. 49544
Lange, M. *see* Garbuzov, D. 12350
Lange, M. *see* McKee, R. 17495
Lange, M. *see* Stiebler, M. 51784
Lange, M. *see* Yu, S. 55471
Lange, M.D. *see* Guyaux, J.-L. 2120
Lange, M.J., Kim, D.S., Forrest, S.R., Kosonscky, W.F., Doudoumopoulos, N.A., Cohen, M.J., Olsen, G.H. Monolithic integration of InGaAs-InP JFET/detectors for NIR imaging applications 17465
Lange, P., Kirsten, M., Riethmuller, W., Wenk, B., Zwicker, G., Morante, J.R., Ericson, F., Schweitz, J.A. Thick polycrystalline silicon for surface-micromechanical applications: deposition, structuring and mechanical characterization 10693
Lange, R. *see* Clay, P. 49023
Lange, R. *see* Grygiel, G. 49016
Lange, R. *see* Ripoche, J.-F. 24203
Lange, R. *see* Xu, Z. 35023
Lange, W. *see* Burger, J. 28046
Lange, W. *see* Eick, W. 28034
Lange, W. *see* Eick, W. 28034
Lange, W. *see* Eick, W. 59238
Lange, W. *see* Eick, W. 59238
Lange, W.de *see* de Lange, W.
Lange, W.R., Ravensbergen, M. Time reference system of the ESO Very Large Telescope 7199
Lange, Y.V., Voropaev, S.I., Muzhitskii, V.S., Nefedov, S.N. Spectra of pulsed signals of transducers of low-frequency acoustic flaw detectors 52907
Lange, Z. *see* Lewis, A. 55869

Langebein, W. *see* Mizeikis, V. 42221
Langebrake, L.C. *see* Sutton, T.T. 50126
Langel, J. *see* Romberg, D. 37822
Langelaan, G., Saimoto, S., Moske, M. Temperature dependence of residual stresses in capped blanket Cu films of various thicknesses 42793
Langen, J. *see* Hartmann, G.K. 8419
Langen, K.-J.de *see* de Langen, K.-J.
Langen, W., Vescan, L., Loo, R., Luth, H., Kordos, P. Vertical 100 nm Si-p channel JFET grown by selective epitaxy 2715
Langenbach, C. *see* Bodendorf, F. 26362
Langenbeck, P. *see* Winterhalter, O. 60799
Langenberg, K.J. *see* Marklein, R. 14599
Langendorfer, P. *see* Mitschele-Thiel, A. 25955
Langeneke, B. *see* Jager, G. 60458
Langenhorst, R. *see* Ludwig, R. 26756
Langer, C. *see* Beyer, H.G. 50858
Langer, D., Jochem, T. Fusing radar and vision for detecting, classifying and avoiding roadway obstacles 27540
Langer, D.W. *see* Hafeez-Ur-Rahman 23576
Langer, H., Nunnari, G., Occhipiuti, L. Estimation of seismic waveform governing parameters with neural networks 18781
Langer, K. A guide to sensor design for land mine detection 8593
Langer, M. *see* Handschin, E. 38256
Langer, M.S., Zucker, S.W. Casting light on illumination: a computational model and dimensional analysis of sources 46424
Langer, R. *see* Hartmann, J.M. 755
Langer, V. *see* Hu, Q.-H. 32914
Langevin, M., Tahar, S., Zijian Zhou, Xiaoyu Song, Cerny, E. Behavioral verification of an ATM switch fabric using implicit abstract state enumeration 5848
Langevin, M. *see* Bennour, I.E. 11079
Langevin, M. *see* Wilberg, J. 15503
Langewisch, A., Choobineh, F. Stochastic dominance tests for ranking alternatives under ambiguity 407
Langford, C. *see* Dempsey, T. 60144
Langford, G. *see* Hammer, P.D. 8398
Langford, N. *see* Forster, R.J. 3719
Langford, N. *see* Forster, R.J. 13615
Langford, N. *see* Forster, R.J. 23805
Langham, C.D., Gallop, J.C. Performance of a cryogenic sapphire dielectric resonator 23278
Langham, C.D., Gallop, J.C. Cryogenic sapphire dielectric resonators: performance and potential 27225
Langham, C.D. *see* Gallop, J.C. 21879
Langham, C.D. *see* Gallop, J.C. 21893
Langham, E. *see* Parashar, S. 18787
Langhammer, M. DSP implementation in programmable logic 11502
Langhans, W. Analogue optical readout based on multiple quantum well modulators for ATLAS 37510
Langhans, W. *see* Beringer, J. 37394
Langhe, M.De *see* De Langhe, M.
Langhoff, H. *see* Meisel, M.G. 33361
Langhorn, A. *see* Schneider, W.J. 37005
Langi, A., Kinsner, W. Singularity processing of nonstationary signals 15168
Langi, A., Kinsner, W. Image compression with singularity preservation 15739
Langjie Guo, Leobandung, E., Chou, S.Y. Si single-electron MOS memory with nanoscale floating-gate and narrow channel 41176
Langlet, J.-P. *see* Eon-Duval, P. 9043
Langlet, P. *see* Alkoy, S. 17311
Langley, P., Pulko, S.H., Wilkinson, A.J. A TLM model of transient, 2-dimensional stress propagation 45274
Langley, R.J. *see* Batchelor, J.C. 56187
Langli, B., Sinha, P.G., Blotekjaer, K. Acousto-optic mode coupling of partially coherent light in two-mode optical fibers 55212
Langlois, P. *see* Mechin, L. 36552
Langlois, P.M. *see* Mead, J.B. 18822
Langman, A., Dimaio, S.P., Burns, B.E., Inggs, M.R. Development of a low cost SFCW ground penetrating radar 8356
Langman, A., Inggs, M.R. A stepped frequency CW polarimetric radar for mine detection 8610
Langmann, D., Haeb-Umbach, R., Eisele, T., Gamm, S. Robust rejection modeling for a small-vocabulary application 34683
Langmann, D. *see* Gamm, S. 46985
Langniss, O. *see* Trieb, F. 60602
Langouche, G. *see* Deweerd, W. 31751
Langouche, G. *see* Donaton, R.A. 40388
Langouche, G. *see* Jin, S. 40398
Langouche, G. *see* Mahan, J.E. 22296
Langouche, G. *see* Vantomme, A. 30744
Langouche, G. *see* Vantomme, A. 40553
Langouche, G. *see* Wu, M.F. 2315
Langouche, G. *see* Wu, M.F. 42693
Langovsky, N. *see* Elbuluk, M. 29716
Langpape, C., Fabian, S., Klatt, C., Kalbitzer, S. Observation of ^{1}H tunneling diffusion in crystalline Si 41866
Langrez, D., Diette, F., Theron, D., Delos, E., Salmer, G. Dual gate pseudomorphic HEMT for low noise amplification in millimeter wave range 53593
Langrez, D. *see* Salmer, G. 53690
Langston, K. *see* Hallmark, C. 41674
Langston, T.W. *see* Stublen, A.P. 38444
Langton, C.M. ZSD: a universal parameter for precision in the ultrasonic assessment of osteoporosis 49573
Langtry, T.N. An application of Diophantine approximation to the construction of rank-1 lattice quadrature rules 10283
Lani, Sh. *see* Vasil'ev, L.N. 54241
Lanier, K. Mixed-signal testing pushes the limits of fast D-Big A 53461
Lanitis, A., Sozou, P.D., Taylor, C.J., Cootes, T.E., Di Mauro, E.C. A general non-linear method for modelling shape and locating image objects 15536
Lanitis, A. *see* Edwards, G.J. 57511
Lankes, F., Pechen, E.V., Honke, T., Renk, K.F. Large transverse Seebeck voltage in oxygen-reduced $YBa_2Cu_3O_7$ and $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ thin films 32901
Lankford, A. *see* DeWitt, J. 59243
Lankford, A. *see* Sadrozinski, H.F.W. 37399
Lankford, C.B. Determining generation system restart plan value 28838
Lankhorst, M.H.R. *see* ten Elshof, J.E. 54101
Lankhorst, M.M., van der Laan, M.D. Wavelet-based signal approximation with genetic algorithms 45978
Lanmuller, H. *see* Mayr, W. 8152
Lanni, F., Palombo, F. Hybrid design of the BABAR Silicon Vertex Tracker 37484
Lanni, F. *see* Aulchenko, V.M. 37243
Lanninger, W. First digital studio management in the ZDF 36331
Lanoue, J. *see* Perelman, R. 47695
Lanrong Chen *see* Chen Lanrong
Lanser, S., Zierl, C. On the use of topological constraints within object recognition tasks 5130
Lansiart, A. *see* Berrim, S. 59548
Lansimies, E. *see* Tenhunen-Eskelinen, M. 28291
Lansing, F. *see* Hemmati, H. 6790
Lansing, S. *see* Villasenor, J. 25485
Lantain Hou *see* Yukun Yang 48512
Lantratov, V.M. *see* Andreev, V.M. 38014
Lantto, V. Semiconductor gas sensors as an example of thick-film transducers 48729
Lantto, V. *see* Golovanov, V. 27715
Lantto, V. *see* Rantala, T.S. 54104
Lantto, V. *see* Solis, J.L. 2058
Lantto, V. *see* Solis, J.L. 58881
Lantukh, V.M. Acoustic inspection of austenitic weld joints of power-generating equipment 52885
Lantz, E., Gindre, D., Maillotte, H., Monneret, J. Phase matching for parametric amplification in a single-mode birefringent fiber: Influence of the non-phase-matched waves 33005
Lantz, E. *see* Devaux, F. 24173
Lantz, E. *see* Vernotte, F. 17021
Lantz, E. *see* Vernotte, F. 36929
Lantz, T.R. Emerging technologies support the elimination of product testing 39749
Lanyi, P. *see* Hebling, C. 39026
Lanyi, S. *see* Picotto, G.B. 58726
Lanying He *see* Jiang Liu 24051
Lanying Lin *see* Wei Chen 44210
Lanying Lin *see* Lin Lanying
Lanzalone, G. *see* Aiello, S. 1483
Lanzalone, G. *see* Aiello, S. 49328
Lanzani, G. *see* Leising, G. 23691
Lanzano, G. *see* Aiello, S. 1483
Lanzano, G. *see* Aiello, S. 49328
Lanzano, S. *see* Adam, A. 37280
Lanzara, E., Mantegna, R.N., Spagnolo, B., Zangara, R. Experimental study of a nonlinear system in the presence of noise: the stochastic resonance 39607
Lanzat, G.M. *see* Christy, D.H. 18305
Lanzavecchia, S. *see* Bellon, P.L. 49522
Lanzerotti, L.D., Sturm, J.C., Stach, E., Hull, R., Buyuklimanli, T., Magee, C. Suppression of boron outdiffusion in SiGe HBTs by carbon incorporation 42962
Lanzetta, A.P. *see* Deutsch, A. 31562
Lanzi, M. *see* Fanigliulo, A. 7454
Lanzieri, C. *see* Bertuccio, G. 59208
Lanzieri, C. *see* Fumi, F. 54820
Lanzieri, C. *see* Nava, F. 59213
Lanzolla, A. *see* Andria, G. 7519
Lanzon, J. *see* Kruzelecky, R.V. 33106
Lanzone, R. *see* Sigliano, R.E. 331
Lanzoni, M. *see* Pieracci, A. 43027
Lao, C.F. *see* Chen, Y.F. 44422
Lao, K. *see* Mocala, K. 42699
Lao, R.R., Chi, C.M., Shay, W.T., Ma, M.T. Radiated fields from unknown sources 27298
Lao, T.Q. *see* Hundt, M. 20918
Lao, Z., Berroth, M., Hurm, V., Rieger-Motzer, M., Thiede, A., Bronner, W., Hulsmann, A., Raynor, B. A monolithic 24.9 GHz limiting amplifier using 0.2 μm-AlGaAs/GaAs-HEMTs 40927
Lao, Z., Berroth, M., Thiede, A., Rieger-Motzer, M., Kaufel, G., Seibel, J., Bronner, W., Hulsmann, A., Schneider, J., Raynor, B. Low power 20 Gbit/s data decision and 17 GHz static frequency divider ICs with 1.5 V supply voltage 31202
Lao, Z., Nowotny, U., Thiede, A., Hurm, V., Kaufel, G., Rieger-Motzer, M., Seibel, J., Hulsmann, A. 45 Gbit/s AlGaAs/GaAs HEMT multiplexer IC 48001
Lao, Z. *see* Berroth, M. 36182
Lao, Z. *see* Hurm, V. 44318
Laopoulos, Th. *see* Hilas, C.S. 1089
Laopoulos, T.L. *see* Karybakas, C.A. 38752
Laoulache, R.N. *see* Rice, J.M. 30246
Lap-Pui Chau, Yuk-Hee Chan, Wan-Chi Siu Concurrent computation of two-dimensional discrete cosine transform 1611
Lapadatu, D. *see* Puers, R. 36511
Lapanik, V.I. *see* Bezborodov, V.S. 13718
Laparra, O. *see* Krishnan, S. 54319
Lapayeva, S. *see* Aleksiev, A. 13606
LaPean, J.W., Jr., Stutzman, W.L., Davis, W.A. A computational tool for large planar phased arrays–ASIA 34402
LaPedus, M. The rise of Asian PCs 1423
Lapegue, J. *see* Cesarsky, C.J. 36548
Lapeika, V. *see* Pipinys, P. 2288
Laperle, C. *see* Babineau, J. 14752
Laperle, P., Chandonnet, A., Vallee, R. Photobleaching of thulium-doped ZBLAN fibers with visible light 33022
Laperle, P. *see* Chandonnet, A. 55522
Lapes, M. *see* Vrba, J. 18511
Lapeyre, G.J. *see* Stietz, F. 2028
Lapidoth, A. On the role of mismatch in rate distortion theory 24624
Lapidoth, A. On the probability of symbol error in Viterbi decoders 34550
LaPierre, L. *see* Branger, B. 53689
Lapierre, O. *see* de Preville, G. 51858
Lapierre, O. *see* Lott, C. 51187
Lapinski, T. *see* Anuszewska, H. 26880
Lapitskii, S.M. *see* Tuz, Ju.M. 27812
Lapkiewicz, Z., Mazurkiewicz, M. Protocol tester – electronic expert 48399
Laplante, P.A. *see* Sinha, P. 25566
Lapochkin, N. *see* Luchau, D.W. 18695
Lapoint, C. *see* Adam, A. 37280
Laporta, P. *see* Paschotta, R. 44380
Laporta, P. *see* Taccheo, S. 3788
Laporta, P. *see* Taccheo, S. 14019
Laporte, A. *see* Benamara, M. 32105
Laporte, B., Takorabet, N., Vinsard, G. An approach to optimize winding design in linear induction motors 51052
Laporte, B. *see* Vinsard, G. 51017
Laporte, E., Maurin, P., Nallatamby, J.C., Reffet, D., Prigent, M., Obregon, J. Design of state of art low noise VCO using MMIC negative resistance modules 53664
Laporte, G. *see* Bourjolly, J.-M. 30470
LaPorte, H. *see* Branger, B. 53689
Laporte, J.L. *see* Bonno, B. 7666
Laporto, P. *see* Taccheo, S. 3794
Lapostolle, P., Lombardi, A.M., Nath, S., Tanke, E., Valero, S., Wangler, T.P. A new approach to space charge for linac beam dynamics codes 49087
Lapostolle, P., Tanke, E., Valero, S. A linac generator program as pre-processor for the simulation code DYNAC 49085
Lapovok, A.J. *see* Bolshakov, G.V. 13421
Lappalainen, J. *see* Levoska, J. 52690
Lappalainen, R. *see* Asikainen, T. 52713
Lappetelainen, A. *see* Ranta, P.A. 47669
Lapray, C. *see* Chaabane, L. 48467
LaPre, C., Ying Zhao, Raphael, C., Schwartz, R., Makhoul, J. Multi-font recognition of printed Arabic using the BBN BYBLOS speech recognition system 25395
Lapreste, J.-T. *see* Braud, P. 46293
Lapreste, J.-T. *see* Laumy, M. 15535
Laprie, Y., Berger, M.-O. Cooperation of regularization and speech heuristics to control automatic formant tracking 14863
Laprie, Y. *see* Berger, M.-O. 59518
Lapshin, A.L. The project for a new-generation nuclear power station with a VVER-640 reactor installation 29017
Lapsker, I., Azoulay, J., Rubnov, M., Regev, Z., Peled, R.C., Peled, A. Image analysis of structural changes in laser irradiated thin films of photodeposited a-Se 2556
Lapsley, P. *see* Bier, J. 24913
Laptev, G.D., Chigarev, N.V., Golovnin, I.V., Paraschuk, D.Yu. Depolarization degree of diode-pumped single frequency monolithic ring Nd^{3+}:YAG laser 14064
Lapucci, A., Lescroart, G., Bourdet, G.L. Lossless generation of a single-lobe symmetric beam from the output of a CO_2 waveguide laser array 3696
Lapucha, D., Barker, R., Liu, Z. High-rate precise real-time positioning using differential carrier phase 48169
Laquindanum, A.J. *see* Dodabalapur, A. 22078
Lara-Reyes, P. *see* Espinosa-Perez, G. 9227
Laracuente, A., Bronikowski, M.J., Gallagher, A. Chemical vapor deposition of nanometer-size aluminum features on silicon surfaces using an STM tip 10875
Larason, T.C., Bruce, S.S., Cromer, C.L. The NIST high accuracy scale for absolute spectral response from 406 nm to 920 nm 17155
Larason, T.C. *see* Cromer, C.L. 17154
Larbalestier, D. *see* Scanlan, R.M. 13516
Larbalestier, D. *see* Scanlan, R.M. 37053
Larbalestier, D.C. *see* Cooley, L.D. 55091
Larbalestier, D.C. *see* Edelman, H.S. 43737
Larbalestier, D.C. *see* Parrell, J.A. 13476
Larbalestier, D.C. *see* Polak, M. 43735

Larch, D.E. Improving the performance of genetic algorithms for terrain categorization of multispectral images 15767
Larcher, G., Lauss, A., Niederreiter, H., Schmid, W.C. Optimal polynomials for (T,M,S)-nets and numerical integration of multivariate Walsh series 21165
Larcher, S.J. *see* Teral, S.R. 17457
Larcheveque, R. *see* Ngoya, E. 53693
Larciprete, N., Loriga, F., Marietti, P., Trifiletti, A. A high CMRR GaAs single-input to differential convertor 53477
Larciprete, R., Borsella, E., De Padova, P., Perfeti, P., Faglia, G., Sberveglieri, G. Laser-CVD SnO_x films for gas sensing applications 58895
Larciprete, R., Willmott, P., Martelli, S., Cesile, M.C., Borsella, E., Chiussi, S., Gonzalez, P., Leon, B. ArF excimer laser epitaxy of Si_xGe_{1-x} alloys studied by XRD and XPS 800
Larcombe, S., Ivey, P. An ultra high density technology for microsystems 316
Larcombe, S.P., Prendergast, D.J., Thacker, N.A., Ivey, P.A. Using genetic algorithms to automate system implementation in a novel three-dimensional packaging technology 1861
Lardellier, M. *see* Joubert, Ch. 53705
Lardellier, M. *see* Laboure, E. 60885
Lardet-Vieudrin, F., Martin, G., Dos Santos, S., Marianneau, G., Planat, M. Frequency stability control of carrier-envelope resonance in a surface acoustic wave delay line oscillator 32779
Lardet-Vieudrin, F. *see* Planat, M. 11225
Lardies, J. Analysis of a multivariate autoregressive process 45734
Lardin, T. *see* Tardif, F. 42453
Lardin, T. *see* Tardif, F. 42601
Lardizabal, S.M. *see* Winson, P.B. 21931
Lareah, Y. *see* Rosenman, G. 1908
Lareau, N.W. New procurement strategy for technology insertion 8714
Lareau, R.T., Jones, K.A., Monahan, T., Flemish, J.R., Pfeffer, R.L., Sherriff, R.E., Litton, C.W., Jones, R., Stutz, C.E., Look, D.C. Comparison of OMVPE and MBE grown AlGaAs/InGaAs PHEMT structures 12333
Lareau, R.T. *see* Wei Gao 760
Laresgoiti, I. *see* Corera, J.M. 19229
Large, E.W. *see* Venetianer, P.L. 46330
Large, W.G. *see* Vakkayil, R. 50069
Larichev, A.V., Nikolaev, I.P., Shmal'gauzen, V.I. Optical dissipative structures with a controlled spatial period in a nonlinear system and with a Fourier filter in a feedback loop 3476
Larichev, O.L. *see* Anich, I. 52435
Larigaldie, D. *see* Vieu, C. 40622
Larin, D.Y. *see* Lucas, K.D. 2522
Larina, L.L., Shevaleevskii, O.I., Chernozatonskii, L.A. Structure organization of fullerene layers for photovoltaic devices 20047
Larina, L.L. *see* Shevaleevskii, O.I. 20046
Larionov, A.V. *see* Borzenko, T.B. 42499
Larionov, A.V. *see* Borzenko, T.B. 54432
Larionov, V.P., Illarionova, E.A. Characteristics of EHV-UHV transmission line lightning protection 8894
Larionov, V.R. *see* Andreev, V.M. 38014
Lariontsev, E.G. *see* Kravtsov, N.V. 55582
Lariontsev, E.G. *see* Zolotoverkh, I.I. 3743
Larkin, D.J. *see* Mehregany, M. 13199
Larkin, I.A. *see* Skuras, E. 32001
Larkin, K.G. *see* Hibino, K. 59052
Larkin, M. *see* Balart, R. 415
Larkin, M.J. Feature extraction in acoustic signals using the BCM learning rule 4896
Larkin, S. AC Josephson effect applications in microwave systems 32928
Larkin, S., Anischenko, S., Kamyshin, V. Comparative analysis of approaches to frequency measurement and power estimation for polyharmonic microwave signals on the basis of the ac Josephson effect 36876
Larkin, S.Y., Khabayev, P.V., Kamyshin, V.V. Generalized structure scheme of program-technical complex for UHF signal parameter measurements in MM and subMM wavelength band 36875
Larkin, W.J. A new low profile ionizing surface for static elimination 33805
Larkins, E.C. *see* Czotscher, K. 3882
Larkins, E.C. *see* Czotscher, K. 55694
Larkins, E.C. *see* Sah, R.E. 14228
Larkins, E.C. *see* Weisser, S. 23957
Larkowski, W. *see* Rogalski, A. 3607
Larminie, J. Fuel cells come down to earth 61058
Larmouth, R., Keating, J. High density surface mount assemblies based on flex substrates 22044
Larmouth, R. *see* Keating, J. 1834
Larmouth, R.S. *see* Noll, T.E. 1887
Larmouth, R.S. *see* Noll, T.E. 52237
Laroche, G. *see* Thevenoux, P. 38176
LaRochelle, S. *see* Chandonnet, A. 55522
Larochelle, V. *see* Bonnier, D. 28552
Larocque, G.R., Lipoff, S.J. Application of discrete event simulation to network protocol modeling 46775
Larocque, R.Y. *see* Bouchelouh, N. 13310
Larocque, R.Y. *see* Bouchelouh, N. 43464
Larocque, R.Y. *see* Frechette, M.F. 13218
Larocque, R.Y. *see* Frechette, M.F. 43465
Larocque, R.Y. *see* Lussier, T. 13314
Larocque, R.Y. *see* Rochefort, A. 43466
Larocque, R.Y. *see* Trudeau, M.L. 19901
Laroia, R. *see* Cheng-Chieh Lee 34705
Laros, J.G. *see* Meier, M.M. 28610
Larose, C.L., Mishra, S.R., Trueman, C.W. Measured RCS polar contour maps for code validation 26953
Laroussi, M. Studies of the reflectivity and backscattering of the one atmosphere glow discharge plasma 14619
Laroussi, M. Scattering of electromagnetic waves by a layer of air plasma surrounding a conducting cylinder 45115
Laroussi, R. *see* Costache, G.I. 45255
LaRovere, M.T. *see* Maestri, R. 49390
Larrabee, T. *see* Konuk, H. 22990
Larrabee, T. *see* Lavo, D.B. 40973
Larrabeiti, D. *see* Quemada, J. 26337
Larraz Iribas, M. *see* Sanchez Garcia, J. 16706
Larriba-Pey, J.-L., Navarro, J.J., Jorba, A., Roig, O. Review of general and Toeplitz vector bidiagonal solvers 592
Larrinaga, F., Carrasco, R.A. Virtual connection tree concept application over CDMA based cellular systems 47679
Larruquert, J.I., Mendez, J.A., Aznarez, J.A. Life prolongation of far ultraviolet reflecting aluminum coatings by periodic recoating of the oxidized surface 23640
Larry, J.R. *see* Hormadaly, J. 21985
Larsen, A.K. Router management tools: up to the task 16121
Larsen, A.K. All eyes on IP traffic 57808
Larsen, A.N., Kringhoj, P., Hansen, J.L., Shiryaev, S.Yu. Isoconcentration studies of antimony diffusion in silicon 41821
Larsen, A.Nylandsted *see* Nylandsted Larsen, A.
Larsen, C. *see* Johnston, W. 26194
Larsen, C.M., Vikestad, K., Vandiver, J.K. On multi-frequency vortex induced vibrations of long marine risers 38090
Larsen, D., Welling, P., Tsacoyeanes, W. The effects of ionizing radiation on the Honeywell HTMOS high temperature linear CMOS technology 43328
Larsen, F. Versatile low voltage low power op-amp design 21503
Larsen, H. *see* Henning, P.J. 60116
Larsen, J. *see* Hansen, L.K. 25746
Larsen, K.G. *see* Bengtsson, J. 5857
Larsen, L.B. Voice controlled home banking–objectives and experiences of the ESPRIT OVID project 46967
Larsen, M.F. *see* Howell, P.B. 18825
Larsen, M.F. *see* Palmer, R.D. 60052
Larsen, N. *see* Davies, T.S. 20177
Larsen, P.T., Mello, G. Advanced flash memory packages drive OBP innovation 41185
Larsen, T. *see* Kolding, T.E. 53000
Larsen, T. *see* Nørholm, N. 54701
Larsen, W.E. Helicopters, simulators, and training 49853
Larsen, W.E. *see* Fuller, G. 49917
Larson, C.T. Measuring haze on deposited metals with light scattering based inspection systems 30359
Larson, D. *see* Collier, K. 20478
Larson, D. *see* Steiner, B. 12240
Larson, D. *see* Young, P. 37201
Larson, D.R. *see* Obarski, G.E. 33484
Larson, D.W. *see* Sarjeant, W.J. 29662
Larson, D.W. *see* Sarjeant, W.J. 39253
Larson, D.W. *see* Sarjeant, W.J. 51619
Larson, E.C., Parker, B.E., Jr. Pattern recognition-based coordination of ultra-high-speed relays 60429
Larson, J. *see* Mu, A. 6415
Larson, J.D., III, Mitchell, R., Good, J.A., Lopez, J. AC loss in Nb_3Sn superconducting cable - mechanisms and measurement 23432
Larson, J.R. *see* Chen, I. 44206
Larson, L.A. *see* Chu, P.K. 32143
Larson, L.E. Silicon bipolar transistor design and modeling for microwave integrated circuit applications 21948
Larson, M.C., Harris, J.S., Jr. Micromachined tunable Fabry-Perot filters for wavelength division multiplexing 6813
Larson, M.C., Massengale, A.R., Harris, J.S., Jr. Microelectromechanical wavelength-tunable vertical cavity laser 3902
Larson, M.C., Massengale, A.R., Harris, J.S., Jr. Continuously tunable micro-electromechanical vertical-cavity surface-emitting lasers 14140
Larson, M.C., Sugihwo, F., Massengale, A.R., Harris, J.S., Jr. Micromachined tunable vertical-cavity surface-emitting lasers 44515
Larson, M.C. *see* Harris, J.S., Jr. 44449
Larson, M.C. *see* Massengale, A.R. 1712
Larson, M.C. *see* Sugihwo, F. 33560
Larson, R.S. *see* Meeks, E. 42515
Larson, S.M. *see* Pentlow, K.S. 7909
Larson, S.W. The Common Test Station (CTS) for guided weapons testing 36423
Larson, T.M., Haley, S.B. A Superconducting Micronet Current Amplifier 55125
Larson, T.W., Newell, J.M., Cornford, S.L. Thermo-mechanical analysis and fatigue life prediction of MCM-D interconnects 1881
Larson, T.W. *see* Newell, J.M. 1871
Larsson, A. A special-case surface voltage gradient formula [for substation design] 9451
Larsson, A. *see* Ghisoni, M. 44778
Larsson, A. *see* Kristjansson, S. 44500
Larsson, A. *see* Li, M. 44766
Larsson, A. *see* Ming Li 14444
Larsson, A.G. *see* Sandstrom, L. 17575
Larsson, B. *see* Gustavsson, A. 8338
Larsson, B. *see* Hellsten, H. 6949
Larsson, B. *see* Teichmann, S. 7826
Larsson, F. *see* Bengtsson, J. 5857
Larsson, J.P., Persliden, J., Sandborg, M., Carlsson, G.A. Transmission ionization chambers for measurements of air collision kerma integrated over beam area. Factors limiting the accuracy of calibration 8213
Larsson, K. *see* Lindstam, M. 10904
Larsson, L. An EPLD based transient recorder for simulation of video signal processing devices in a VHDL environment close to system level conditions 15987
Larsson, M. *see* Dale, S. 59466
Larsson, P. Parasitic resistance in an MOS transistor used as on-chip decoupling capacitance 43282
Larsson, P., Nicol, C.J. Transition reduction in carry-save adder trees 11274
Larsson, R., Ferrari, L. Use case driven integration of TMN interface specification and application design 35626
Larsson, R. *see* Ferrari, L. 46937
Larsson, S.-E. *see* Cai, H. 37633
Larsson, S.A. *see* Kimiaei, S. 7907
Lartigue, C. *see* Bourdet, P. 58616
Lartigue, O. *see* Robic, J.Y. 3568
Larue, W. *see* Ussery, C. 53462
Laruelle, F. *see* Etienne, B. 810
Laruelle, F. *see* Lelarge, F. 12394
Larzabal, P. *see* Flieller, A. 4688
Larzabal, P. *see* Le Foll, G. 26973
Larzabal, P. *see* Popescu, B. 48136
Larzabul, P. *see* Grouffaud, J. 25098
Larzelere, B. *see* Garnacho, F. 50672
Las, T. *see* Van Brunt, R.J. 43442
las Mercedes Gomez Albarran, M.de *see* de las Mercedes Gomez Albarran, M.
LaSala, K.P., Roush, M.L., Matic, Z. A decision-support approach for the design of human-machine systems and human maintenance tasks 38252
Lasance, C.J.M. Thermal characterization of electronic parts with compact models: interpretation, application, and the need for a paradigm shift 52277
Lasance, C.J.M. *see* Rosten, H.I. 52280
Lasance, C.J.M. *see* Vinke, H. 52276
Lasarova, V., Beshkov, G., Spassov, L. Influence of vacuum rapid thermal annealing on the properties of Al and Ag films on quartz 23260
Lasaygues, P., Lefebvre, J. Ultrasonic crack detection and modelization by wavelet analysis 50250
Lascaray, J.P. *see* Coquillat, D. 22366
Lascaray, J.P. *see* Ribayrol, A. 22367
Laschek, M. *see* Wandt, D. 55699
Laschi, C. *see* Guglielmelli, E. 28452
Lasenby, A.N. *see* Lasenby, J. 5098
Lasenby, A.N. *see* Lasenby, J. 57238
Lasenby, J., Bayro-Corrochano, E., Lasenby, A.N., Sommer, G. A new methodology for computing invariants in computer vision 5098
Lasenby, J., Bayro-Corrochano, E., Lasenby, A.N., Sommer, G. A new framework for the formation of invariants and multiple-view constraints in computer vision 57238
Lasenby, J. *see* Bayro-Corrochano, E. 5087
Laser, A. *see* Porter, C. 2414
Lash, J.S. *see* Hochman, J.M. 12087
Lash, J.S. *see* Hochman, J.M. 53972
Lashbrook, W., O'Hara, P. Evaluating the environment, safety and health impacts of semiconductor manufacturing at the design and process development stages 30158
Lashbrook, W. *see* Dance, D. 30100
Lasher, J.C. *see* Handers, T.A. 49422
Lasheras, N.Catalan *see* Catalan Lasheras, N.
Lashevsky, R.A. *see* Varshavsky, V.I. 11547
Lashin, V. *see* Ahouzi, E. 57334
Lashine, A.E. *see* Radwan, T.S. 20130
Lashmore, D.S., Hua, S.Z. Progress in the electrodeposition of multilayered alloys 40497
Lasich, J.B. *see* Friedman, D.J. 38982
Laska, L. *see* Haseroth, H. 49278
Laska, L. *see* Mroz, W. 59182
Laska, L. *see* Wolowski, J. 37205
Laska, T. *see* Brunner, H. 40882
Laska, T. *see* Brunner, H. 40886
Laskar, J. *see* Murti, M.R. 53585
Laskar, J. *see* Pham, A. 39819
Laskaris, N. *see* Bezerianos, A. 49680
Laskaris, T. *see* King, C. 55085
Laskoskie, C., Divakaruni, S., Nanek, M. IFOG manufacturability and cost reduction 58787
Laskoskie, C. *see* Sanders, G.A. 27610
Laskowski, E.J. *see* Kohnke, G.E. 23556
Laskowski, M. *see* von Kempf, J. 60411
Laskowski, M. *see* von Kempf, J. 60412
Lasky, J. *see* Subbanna, S. 41161
Lasky, R. *see* Dickerson, S. 22051
Lasky, R. *see* Godin, R. 41677
Lasky, T.A., Ravani, B. Application of GPS for vehicle control in an automated highway system environment 58255

Lasnier, F. Radio frequency identification improving mass transit operations and passenger information 58130
Lasprilla, M.de Carmen *see* de Carmen Lasprilla, M.
Lassabatere, L. *see* Ferhat, M. 10698
Lassabatere, L. *see* Ferhat, M. 10782
Lassabatere, L. *see* Ferhat, M. 21247
Lassabatere, L. *see* Nouaoura, M. 10711
Lassagne, P. *see* Anghel, L. 42938
Lassarre, V. *see* Bravaix, A. 43102
Lassen, C.L. Global technical and commercial developments with flip chip technology 223
Lassen, C.L. The real market requirements for high density interconnection 10070
Lassen, P.S. *see* Esper-Chain, R. 58081
Lassen, P.S. *see* Moussa, I. 35879
Lassen, P.S. *see* Nielsen, J.V. 6409
Lasser, D., Stuttgen, T. Boundary improvement of piecewise linear interpolants defined over Delaunay triangulations 10425
Lasser, M.E., Harrison, G.H., Agarwal, M. Acoustic microscopy for 100% non-destructive semiconductor package evaluation 60120
Lasser, S.J.S., Snelsire, R.W. The case for proactive mentoring for minorities in engineering 20607
Lasserre, J.B. A Farkas lemma without a standard closure condition 40117
Lasserre, J.B. Tight bounds for the trace of a matrix product 52384
Lasseter, E.L. *see* Johnson, P.W. 39489
Lasseter, R. *see* Gole, A.M. 38858
Lasseter, R. *see* Manson, S. 19089
Lasseter, R.H. *see* Hochgraf, C. 50554
Lassig, M. *see* Kozik, J. 47116
Lassila, A., Hoder, H., Ikonen, E., Liedquist, L., Stock, K.D., Varpula, T. Intercomparison of cryogenic radiometers using silicon trap detectors 36584
Lassila-Perini, K. *see* Alexeev, G. 59200
Lassiter, B. *see* Slaney, M. 15253
Lassiter, T. *see* Yang, M. 54467
Lassus, H.de *see* de Lassus, H.
Last, D. *see* Yi Bian 36275
Last, D. *see* Yi Bian 36276
Last, J.A. *see* Bahr, D.F. 10906
Lastowiecki, J. Dynamic properties of compensative current measuring systems enhancement 7518
Lastowiecki, J., Rozanski, M., Wolf, J. A microprocessor-based simplified drive unit with a stepping motor of increased resolution 61118
Laszlo, I. *see* Fuzessy, Z. 4132
Laszlo, I. *see* Fuzessy, Z. 14418
Laszlo, M. *see* Laszlo, T. 36405
Laszlo, T., Laszlo, M. A simple and accurate contactless frequency and amplitude meter 36405
Lat, M.V. *see* Ringler, K.G. 38426
Lataire, P. *see* Ganji, A.A. 51699
Lataire, P. *see* Ohnuki, T. 60870
Lataire, Ph. *see* Lecocq, D. 61138
Lataitis, R.J., Clifford, S.F. Effect of atmospheric turbulence on the spot size of a radio-acoustic sounding system: a calculation revisited 18857
Lataitis, R.J. *see* Holloway, C.L. 18821
Latcha, M., Jordan, W. To ship or not to ship: an engineering ethics case study 20662
Latcha, M. *see* Jordan, W. 20663
Latecki, L.J. *see* Gross, A. 5372
Laterza, F., Olmo, G. Analysis of EMG signals by means of the matched wavelet transform 49578
Latham, P. *see* Choi, J.J. 1940
Latham, P.E. *see* Blank, M. 1944
Latham, R.V. *see* Goddard, B.J. 27983
Latham, R.V. *see* Xu, N.S. 43443
Lathauwer, L.De *see* De Lathauwer, L.
Lathrop, D.K. *see* Kumar, S. 43781
Lathuillere, C., Lilensten, J., Gault, W., Thuillier, G. Meridional wind in the auroral thermosphere: results from EISCAT and WINDII-O(^{1}D) coordinated measurements 60066
Latif, Z., Ortiz-Conde, A., Liou, J.J., Sanchez, F.J.G. A study of the validity of capacitance-based method for extracting the effective channel length of MOSFET's 22862
Latif, Z., Ortiz-Conde, A., Liou, J.J., Sanchez, F.J.G., Wong, W. Failure of effective-channel length extraction methods due to the effect of the relative doping level of source and drain in short-channel LDD MOSFETs 32436
Latkovskis, L., Stabulnieks, J. Novel approach to AC/DC conversion with near to unity power factor 60875
Lato, J. *see* Kamionka, L. 46836
Latorre, R. *see* Dufour, J. 935
Latrasse, C. *see* Poulin, M. 24113
Latreche, S. *see* Gontrand, C. 43266
Latta, R.W. Fine pitch soldering pad and stencil design 41612
Lattard, D. *see* Bonnefoy, J.P. 37499
Lattarulo, F. *see* Amoruso, V. 8961
Latterulo, F. *see* Amoruso, V. 33810
Lattuati, V. *see* Zugaj, D. 46512
LaTulipe, D., Maldonado, J.R., Mitchell, P., Leduc, R., Babich, I. Fabrication of X-ray lithography masks with optical lithography 32301
Latush, E.L. *see* Chebotarev, G.D. 3694
Latuszynski, A., Maczka, D., Yushkevich, Yu. The generation of radioactive ion beams 28005
Latva-aho, M., Lilleberg, J. Delay trackers for multiuser CDMA receivers 47539
Latva-aho, M. *see* Glisic, S.G. 16593
Latyshev, L., Semashko, N. Space power plants and power-consuming industrial systems 18590
Latyshev, L., Semashko, N. Ecological limitation to the energy transfer from outer space to Earth 28486
Latyshev, L. *see* Grigorian, V. 18742
Latzel, M. *see* Ribic, Z. 18553
Lau, A. *see* Johr, T. 24210
Lau, A. *see* Puchert, R. 3852
Lau, A.C.K., Yung, N.H.C., Cheung, Y.S. Performance analysis of the doubly-linked list protocol family for distributed shared memory systems 25920
Lau, B., Kuschnir, P., Schmid, U., Petrov, V. Application of combined method of electronic speckle pattern interferometry and holography to vibration analysis 48939
Lau, B., Petrov, V. Bridging the gap between electronic speckle pattern interferometry and holography 10989
Lau, B. *see* Chao, T.-H. 7235
Lau, B. *see* Donnelly, K.S. 11610
Lau, B. *see* Petrov, V. 14421
Lau, B. *see* Petrov, V. 44756
Lau, C. Neural networks on a chip 1650
Lau, C. Neural networks on a chip 53502
Lau, C.K., Pong, M.H. DSP based fuzzy controlled power converter operating in both continuous and discontinuous conduction modes 51123
Lau, C.M. *see* Li, S.-Y.R. 25860
Lau, D.L., Arce, G.R., Gallagher, N.C. Robust image wavelet shrinkage for denoising 56925
Lau, F., Kupper, P., Gebhardt, K.H. Two-dimensional calibration of dopant transport models for submicron CMOS transistors 12974
Lau, F. *see* Bertagnolli, E. 2796
Lau, F.C.M., Yip, M. Speed improvement in the transient analysis of transmission lines 56075
Lau, F.C.M. *see* Tse, S.S.H. 25976
Lau, G. *see* Hess, C. 39889
Lau, H.Y., Kagawa, K., Lee, W.R., Hunt, M.A., Shaer, A.H., Hanks, G.E. CT-MRI image fusion for 3D conformal prostate radiotherapy: use in patients with altered pelvic anatomy 59400
Lau, J., Nguyen, C.T., Ko, P.K., Chan, P.C.H. Lateral carrier domain magnetometer in SOI technology 7265
Lau, J., Nguyen, C.T., Ko, P.K., Chan, P.C.H. Minimum detectable signals of integrated magnetic sensors in bulk CMOS and SOI technologies for magnetic read heads 13448
Lau, J. *see* Banna, S.R. 12910
Lau, J. *see* Blalack, T. 43241
Lau, J. *see* Cheung, D.T.Y. 21500
Lau, J. *see* Faltermeier, C. 52766
Lau, J. *see* Yue, C.P. 41559
Lau, J.H. Solder joint reliability of flip chip and plastic ball grid array assemblies under thermal, mechanical, and vibrational conditions 295
Lau, J.H. Solder joint reliability of flip chip and plastic ball grid array assemblies under thermal, mechanical, and vibration conditions 10071
Lau, J.H. *see* Lee, S.-W. 10108
Lau, J.H. *see* Lee, S.-W.R. 20931
Lau, J.H. *see* Lee, S.-W.R. 52241
Lau, K. *see* Krizan, P. 59293
Lau, K.K., Kumar, M.J. Parallel implementation of the unit commitment problem on NOWs 60270
Lau, K.K., Kumar, M.J., Venkatesh, R. Parallel matrix inversion techniques 21151
Lau, K.M., Hui, Y.V., Wan, Y.W. Optimal control of an accelerated drifting process 30341
Lau, K.Y. *see* Buckman, L.A. 26875
Lau, K.Y. *see* Cutrer, D.M. 58363
Lau, K.Y. *see* Daneman, M.J. 44052
Lau, K.Y. *see* Meng-Hsiung Kiang 13182
Lau, K.Y. *see* Meng-Hsiung Kiang 44053
Lau, K.Y. *see* Park, J. 16705
Lau, K.Y. *see* Park, J. 26877
Lau, K.Y. *see* Park, J. 47966
Lau, K.Y. *see* Park, J. 58375
Lau, K.Y. *see* Vassilovski, D. 14149
Lau, M.Y. *see* Jenshan Lin 41717
Lau, P.A. Severe environments instrumentation in the 1990's-a decade of change 50116
Lau, P.G., Buist, R.J. Temperature and time dependent finite-element model of a thermoelectric couple 39234
Lau, P.G. *see* Buist, R.J. 39235
Lau, R.W.H., Chan, K.H., Chan, P. Surface reconstruction based on relaxation refinement 15787
Lau, R.W.H. *see* Chan, K.H. 15803
Lau, R.W.H. *see* Chow, C.L. 25782
Lau, R.W.H. *see* Fung, G.S.K. 25783
Lau, S. *see* Ballantyne, J.M. 55469
Lau, S. *see* Spanjaard, J.M. 50885
Lau, S. *see* Zwolinski, M. 22032
Lau, S.D. *see* Risk, W.P. 23160
Lau, S.F. *see* Lam, K.H. 15042
Lau, S.S. *see* Adams, D. 42715
Lau, S.S. *see* Bair, A.E. 42692
Lau, S.S. *see* Csepregi, L. 21235
Lau, S.S. *see* Deng, F. 13004
Lau, S.S. *see* Guan, Z.F. 22436
Lau, S.S. *see* Laursen, T. 42619
Lau, S.S. *see* Liu, Q.Z. 40305
Lau, S.S. *see* Liu, Q.Z. 42250
Lau, S.S. *see* Liu, Q.Z. 58349
Lau, S.S. *see* Moon-Ho Park 42252
Lau, S.S. *see* Morton, R. 12442
Lau, S.S. *see* Zou, Y.L. 42716
Lau, S.T., Ballantyne, J.M. Two-dimensional analysis of a dielectric waveguide mirror 44000
Lau, S.T. *see* Liang, J.J. 44597
Lau, W.H. *see* Leung, S.H. 45724
Lau, W.H. *see* Ng, S.C. 4714
Lau, W.H. *see* Weng, J.F. 6440
Lau, W.M. *see* Huang, L.J. 54288
Lau, W.M. *see* Rajesh, K. 42506
Lau, W.S. *see* Du, A.Y. 12322
Lau, Y.C., Leong, S., Kooi, P.S. Modeling of chip resistors for high-frequency microwave applications with the use of the FD-TD method 53637
Lau, Y.Y. *see* Chernin, D. 1909
Lau, Y.Y. *see* Christenson, P.J. 1929
Lau, Y.Y. *see* Christenson, P.J. 12085
Lau, Y.Y. *see* Hochman, J.M. 12087
Lau, Y.Y. *see* Hochman, J.M. 53972
Lau, Y.Y. *see* Jaynes, R.L. 12086
Lau, Y.Y. *see* Kishek, R. 53980
Lau, Y.Y. *see* Luginsland, J.W. 1907
Lau, Y.Y. *see* Luginsland, J.W. 12079
Lau, Y.Y. *see* Luginsland, J.W. 12088
Lau, Y.Y. *see* Luginsland, J.W. 53971
Lau Chee Kin *see* Zhu Desheng 45185
Lau Chi *see* Chi Lau
Lau Kam-Yin *see* Kam-Yin Lau
Lau Kei May *see* Kei May Lau
Lau Kim *see* Kim Lau
Lau Wai Shing *see* Wai Shing Lau
Lau Wai Yuen *see* Wai Yuen Lau
Lau Woo Wai *see* Woo Wai Lau
Lau Yuen-Pat *see* Yuen-Pat Lau
Laub, G. *see* Li, D. 59477
Laub, W.U., Kaulich, T.W., Nusslin, F. Energy and dose rate dependence of a diamond detector in the dosimetry of 4-25 MV photon beams 49773
Laubach, M. ATM over hybrid fiber-coaxial cable networks: practical issues in deploying residential ATM services 16448
Laubach, M. To foster residential area broadband Internet technology: IP datagrams keep going, and going, and going 26112
Laube, G. *see* Fernier, B. 16822
Laube, G. *see* Idler, W. 24131
Laube, G. *see* Lach, E. 16732
Laube, G. *see* Mayer, H.P. 23918
Laube, G. *see* Mikkelsen, B. 26895
Laube, G. *see* Wiedemann, P. 40334
Laube, G. *see* Wunstel, K. 36083
Laube, S.J.P. *see* Jackson, A.G. 27536
Laubenheimer, M. *see* Arlandis, J. 26090
Laubereau, A. *see* Furst, C. 1999
Laubereau, A. *see* Furst, C. 55587
Laubersheimer, J. *see* Ritzhaupt-Kleissl, H.-J. 52840
Laubin, P. *see* Bastin, F. 56424
Laubscher, B. *see* Smith, B.W. 18809
Laubscher, B.E. *see* Cooke, B.J. 17527
Lauchle, G.C., McEachern, J.F., Jones, A.R., McConnell, J.A. Flow-induced noise on pressure gradient hydrophones 18907
Lauchle, G.C. *see* Brungart, T.A. 19714
Laude, L. *see* Meunier, M. 17581
Laude, L. *see* Singh, R. *(editor)* 9797
Laude, V. *see* Dolfi, D. 27005
Laude, V. *see* Toumois, P. 55239
Lauderdale, J., Tsang, D.H.K. A new technique for transmission of pre-encoded MPEG VBR video using CBR service 5925
Laudon, M., Fisher, A., Engelstad, R., Cerrina, F., Cummings, K., Dauksher, W., Resnick, D., Johnson, W., Puisto, D. Prediction of in-plane distortions due to mask fabrication processes 42885
Laudon, M.F. *see* Cummings, K.D. 32296
Laue, C., Vater, P., Brandt, R., Roesch, J. Investigations with nuclear trace microfilters for the occurrence and behaviour of α-radiants in the primary coolant of nuclear power stations 29035
Lauer, G., Sr. Bridge the emulator gap for high-performance debugging 21747
Lauer, I. *see* Miesner, H.-J. 37046
Lauer, S. *see* Ostheimer, V. 12214
Lauf, R. *see* Bartkowiak, M. 2740
Laufenberg, M.J., Pai, M.A. Sensitivity theory in power systems: application in dynamic security analysis 8777
Laufenberg, M.J., Pai, M.A., Padiyar, K.R. Hopf bifurcation control in power systems with static var compensators 50430
Laufenberg, M.J. *see* Overbye, T.J. 28782
Laug, P. *see* Borouchaki, H. 40260
Laughlin, J.L. *see* Chwen Sheu 10007
Laughlin, W.T. *see* Goldey, C.L. 49946
Laughton, F.R. *see* Khrushchev, I.Y. 44439
Laughton, F.R. *see* Williams, K.A. 23978
Laughton, F.R. *see* Williams, K.A. 23987
Laugier, A., Borne, E., El Omari, H., Goaer, G., Sarti, D. Transient thermal effects into a 155 kg POLIX ingot [for solar cells] 39016
Laugier, A. *see* Ehret, E. 39017
Laugier, A. *see* El Omari, H. 39010
Laugier, A. *see* Fave, A. 38985
Laugier, A. *see* Kaminski, A. 39007
Laugier, A. *see* Skryshevsky, V.A. 39011
Laugier, C. *see* Paromtchik, I.E. 29826
Laugier, P., Fournier, B., Berger, G. Ultrasound parametric imaging of bone in vivo 18348
Laugier, P. *see* Saied, A. 18373
Laugt, M. *see* Grandjean, N. 30801

Laugt-Breuil, A.-M., Claude, A. Comparative survey of solder pastes and fluxes evaluation tests: electromotive force method 40740
Lauhoff, G. *see* Adeyeye, A.O. 43616
Lauhon, L. *see* Norris, P.E. 10797
Lauhon, L. *see* Ustin, S.A. 10800
Lauinger, N. The inverted retina of the human eye: A trichromatic 4D space-time optical correlator 35022
Lauinger, T., Moschner, J., Aberle, A.G., Hezel, R. UV stability of highest-quality plasma silicon nitride passivation of silicon solar cells 39195
Lauinger, T. *see* Aberle, A.G. 39012
Lauinger, T. *see* Schmidt, J. 39194
Laukamp, H. The new German electric safety standard for residential PV systems 50827
Laukamp, H., Bopp, G. Residential PV systems–electrical safety issues and installation guidelines 19620
Laukemper, J. *see* Burnus, M. 17377
Laukemper, J. *see* Rohrbeck, W. 8603
Laukia, K. The Azipod system–operational experience and designs for the future 29804
Laumy, M., Dhome, M., Lapreste, J.-T. Segments matching: comparison between a neural approach and a classical optimization way 15535
Laun, H.M., Kormann, C., Willenbacher, N. Rheometry on magnetorheological (MR) fluids. I. Steady shear flow in stationary magnetic fields 27979
Laun, H.M. *see* Kormann, Cl. 981
Launay, J.C., Arnoux, T., von Bardeleben, H.J. An electron paramagnetic resonance study of vanadium-related defects in CdTe:V:Zn 41948
Launay, J.C. *see* Delaye, P. 22222
Launay, L., Bouchet, P., Maurincomme, E., Berger, M.-O., Mallet, J.-L. A flexible iterative method for 3D reconstruction from X-ray projections 8046
Launay, L., Maurincomme, E., Bouchet, P., Mallet, J.-L., Picard, L. 3D reconstruction of cerebral vessels and pathologies from a few biplane digital angiographies 18379
Launay, P. *see* Caffin, D. 22956
Launay, P. *see* Driad, R. 22770
Launay, P. *see* Driad, R. 22951
Launay, P. *see* Koumetz, S. 41966
Launay, P. *see* Maneux, C. 2590
Launay, P. *see* Marcon, J. 22772
Launois, H. *see* Carcenac, F. 32289
Launois, H. *see* Chen, Y. 44038
Launois, H. *see* Gierak, J. 42893
Launois, H. *see* Pepin, A. 10845
Launois, H. *see* Pepin, A. 42197
Launois, H. *see* Simon, G. 40500
Launois, H. *see* Vieu, C. 40622
Launois, H. *see* Vieu, C. 42703
Lauque, R. *see* Ricaud, P. 60040
Laur, J.P. *see* Patel, Y. 21493
Laur, M. *see* Anoba, R.C. 38575
Laur, R. *see* Brachtendorf, H.G. 32874
Laur, R. *see* Brachtendorf, H.G. 53008
Laurec, J. *see* Pointurier, F. 18154
Laurell, F. *see* Margulis, W. 4087
Laurent, C., Bouville, C. Parallel implementation of greyscale morphological operators on MVP 56864
Laurent, C., Lindberg, L.-G. The amplitude of the AC-coupled PPG signal at different applied pressures 37636
Laurent, C., Mary, D., Mayoux, C. Assignment of electroluminescence spectral components to molecular transitions in polyethylene 2,6 naphthalate 32629
Laurent, C. *see* Jonsson, J. 32748
Laurent, C. *see* Mammeri, M. 54959
Laurent, C. *see* Mary, D. 2980
Laurent, C. *see* Massines, F. 2981
Laurent, D., El Mustapha, M., Claude, P., Pascal, V. A mobile robot localization based on a multisensor cooperation approach 48875
Laurent, H., Doncarli, C. Abrupt changes detection in the time-frequency plane 34946
Laurent, M. *see* Boscheron, A.C.L. 14379
Laurent, N. *see* Duboz, J.Y. 44072
Laurent, N. *see* Fiore, A. 14282
Laurent, N. *see* Fiore, A. 33705
Laurent, P., Multon, B., Hoang, E., Gabsi, M. Sensorless position measurement based on PWM eddy current variation for switched reluctance machine 60704
Laurent, P., Simon, E., Santarelli, G., Clairon, A., Petit, P., Dimareq, N., Audoin, C., Lemonde, P., Salomon, C., Jamin-Changeart, F., Gonzalez, F. Toward a space clock using cold cesium atoms: the Pharao project 27221
Laurent, P. *see* Bahoura, M. 24022
Laurent, P. *see* Bahoura, M. 24115
Laurent, P. *see* Clairon, A. 27367
Laurent, P. *see* Clairon, A. 48295
Laurent, P. *see* Ghezali, S. 17724
Laurent, P. *see* Ghezali, S. 27316
Laurent, P. *see* Lebrun, F. 37347
Laurent, P. *see* Santarelli, G. 27279
Laurentini, A. Surface reconstruction accuracy for active volume intersection 15443
Laureti-Palma, A. *see* Capobianco, A.D. 58372
Laureti-Palma, A. *see* De Angelis, C. 55249
Laureti-Palma, A. *see* Draoli, M. 47251
Laurette, I. *see* Koulibaly, P.M. 59521
Laureys, W. *see* Sivoththaman, S. 39019
Laureys, W. *see* Vermeulen, T. 39027
Laurgeau, C.I. *see* Ouali, M.H. 57449
Lauria, D. *see* De Angelis, G. 8762
Lauria, E. *see* Kildal, P.-S. 36297
Lauria, M., Chien, A. MPI-FM: High performance MPI on workstation clusters 35730
Laurie Lock Lee *see* Tristan Chiu 48106
Laurin, D.G., Blais, F., Beraldin, J.-A., Cournoyer, L. An eye-safe imaging and tracking laser scanner system for space applications 6975
Laurinavichius, A. *see* Burneika, I. 45304
Laurinavicius, V. *see* Geng, L. 36714
Lauritzen, P.O. Power semiconductor device models for use in discrete and power IC circuit simulation 42899
Lauritzen, P.O. *see* Budihardjo, I.K. 21484
Lauritzen, P.O. *see* Ma, C.L. 42975
Lauritzen, P.O. *see* Ma, C.L. 53034
Lauritzen, P.O. *see* Wong, K.Y. 32387
Lauro, A. *see* Agnetta, G.A. 18096
Laurs, H. *see* Kohl, C.-D. 50778
Laursen, K.G., Hertling, D.R., Kohl, P.A., Bidstrup-Allen, S.A. Improving the accuracy of thin film dielectric characterization using the Kalman filter 48835
Laursen, T., Adams, D., Alford, T.L., Tu, K.-N., Deng, F., Morton, R., Lau, S.S. Encapsulation of silver by nitridation of Ag-Ti alloy/bilayer structures 42619
Laursen, T. *see* Adams, D. 42715
Laursen, T. *see* Adams, D. 54431
Laursen, T. *see* Alford, T.L. 22613
Laursen, T. *see* Zou, Y.L. 42716
Lauss, A. *see* Larcher, G. 21165
Lausterer, G.K. On-line thermal stress monitoring using mathematical models 29067
Lautenschlager, H. *see* Baldner, R. 39024
Lautenschlager, H. *see* Hebling, C. 39026
Lautenschlager, H. *see* Schindler, R. 39214
Lautenschlager, W., Stahl, U. Routing service for the implementation of number portability 46952
Lauter, J. *see* Bertuccio, G. 37575
Lauter, J. *see* Rente, C. 59279
Lauterbach, M. Getting more out of eye diagrams [circuit testing] 48751
Lauterbach, M., Pini, A. Testing communications designs with AWGs 48746
Lauterbach, M. *see* Lavanchy, D. 32866
Lauterbach, M. *see* Lavanchy, D. 36791
Lautrup, B. *see* Elmfors, P. 33350
Lautzenhiser, F.P. *see* LaBranche, M.H. 61294
Lauwers, A. *see* De Wolf, I. 54298
Lauwers, E. *see* Allaert, K. 46871
Laux, A. *see* Yang, C. 3573
Laux, L. *see* Lund, A. 57702
Laux, S., Mann, K., Granitza, B., Kaiser, U., Richter, W. Antireflection coatings for UV radiation obtained by molecular-beam deposition 3543
Laux, S. *see* Adamik, M. 3563
Laux, S.E. *see* Fischetti, M.V. 12160
Laux, W. *see* Dornik, M. 59164
Laux, W. *see* Dubenkov, V. 18057
Lauxtermann, S., Bronner, W., Ludwig, J., Runge, K. Radiation detection using integrated GaAs HEMT electronics 7829
Lauxtermann, S. *see* Rogalla, M. 32358
Lauzanne, A. *see* Le Bricquir, S. 16362
Lauzanne, B. *see* Davriu, A. 50487
Lauzon, J. *see* Fontaine, A. 16801
Lavagno, L., McGeer, P.C., Saldanna, A. Syntheses for low-power-consumption devices [logic design] 53255
Lavagno, L. *see* Agrawal, A. 11351
Lavagno, L. *see* Cortadella, J. 41109
Lavagno, L. *see* Mitra, R.S. 53176
Lavagno, L. *see* Passerone, C. 41226
Lavagno, L. *see* Semenov, A. 53100
Lavagno, L. *see* Yakovlev, A. 31199
Lavagno, L. *see* Yakovlev, A. 31200
Lavagnolo, R. *see* Bjornland, D.F. 47281
Lavagnolo, R. *see* Ciancetta, M.C. 47298
Laval, J.Y. *see* Androussi, Y. 40413
Laval, J.Y. *see* Nicoletti, S. 3293
Laval, L. *see* Cadiou, J.-C. 60967
Laval, S. *see* Orobtchouk, R. 55281
Lavale, M. *see* Paccagnell, A. 22472
Lavanchy, D., Lauterbach, M. New technology in digital instruments for design and test of disk drives 32866
Lavanchy, D., Lauterbach, M. New technology in digital instruments for design and test of disk drives 36791
Lavareda, G. *see* Fortunato, E. 17484
Lavareda, G. *see* Martins, R. 51573
Lavayssiere, B. Combining data in non-destructive testing 31029
Lavela, P. *see* Cochez, M.A. 29538
Lavelle, M.P. *see* Ghosh, S. 9016
Lavelle, R. *see* Reisman, A. 29008
Lavenier, D. *see* Guerdoux-Jamet, P. 11333
Laver, J. *see* Jones, P. 19922
Laverdure, C. *see* Lamarre, L. 19358
Laverguat, J. *see* Aidi, M. 4241
Lavernhe, F. *see* Solhusvik, J. 34862
Lavers, C.R. Determination of the optical dielectric constants and deformational effects, after surface treatment, of a polyimide alignment layer used within a ferroelectric liquid crystal device system 32761
Lavers, J.D. *see* Wanping Hu 51851
Laverty, C.Y.C. Internet primer: workshop design and objectives 20725
Laverty, S.J. *see* Maguire, P. 12732
Lavest, J.-M. *see* Mengxiang Li 7422
Lavest, J.-M. *see* Sayd, P. 15725
Lavest, J.-M. *see* Sayd, P. 46516
Lavest, J.-M. *see* Sayd, P. 56891
Lavi, N., Alfassi, Z.B., Drndarski, N. Calibration of Marinelli vessels for measurement of radioactive environmental samples 49333
Lavi, R. *see* Paiss, I. 4028
Laviale, D. *see* Sagnes, I. 22595
Lavie, A. *see* Waibel, A. 14945
Lavielle, L. *see* Lougnot, D.J. 55940
Lavietes, A.D., McQuaid, J.H., Paulus, T.J. Preliminary uranium enrichment analysis results using cadmium zinc telluride detectors 37345
Lavieville, J.P. *see* Carrere, P. 51158
Lavigne, B. *see* Trotel, A. 43872
Lavin, I.A. *see* Mironov, Yu.M. 51197
Lavin, I.A. *see* Mironov, Yu.M. 51846
Lavine, J.M., Buliszak, M.J. Ag_2Te/As_2S_3: a high-contrast, top-surface imaging resist for 193 nm lithography 22662
Lavine, J.P., Zheng, L., Whalen, P.M., Downey, D.F. Depth profiles of medium energy phosphorus implants into silicon 12663
Lavine, T. *see* Ruth, R.D. 49165
Lavine, T. *see* Wang, J.W. 49051
Lavo, D.B., Larrabee, T., Chess, B. Beyond the byzantine generals: unexpected behavior and bridging fault diagnosis 40973
Lavoie, C. *see* Clevenger, L.A. 31793
Lavoie, C. *see* Ritchie, S. 52680
Lavoie, C. *see* Svilan, V. 43321
Lavoie, D.L., Richardson, M.D. In situ geoacoustic systems and measurements in a variety of carbonate and siliciclastic environments 49983
Lavoie, M. *see* Mihoubi, M. 19075
Lavoie, P., Ionescu, D., Petriu, E. 3D reconstruction using an uncalibrated stereo pair of encoded images 57453
Lavorgna, M. *see* Caponetto, R. 34545
Lavrac, N., Gamberger, D., Turney, P. Cost-sensitive feature reduction applied to a hybrid genetic algorithm 21097
Lavrac, N. *see* Gamberger, D. 24759
Lavrav, A.P. *see* Esepkina, N.A. 44123
Lavrenov, I. Remote sensing of ocean surface in the frontal zone 8482
Lavrent'eva, L.G. *see* Ivonin, I.V. 21293
Lavrent'eva, L.G. *see* Vladimirova, S.Yu. 742
Lavrik, N.V., De Rossi, D., Kazantseva, Z.I., Nabok, A.V., Nesterenko, B.A., Piletsky, S.A., Kalchenko, V.I., Shivaniuk, A.N., Markovskiy, L.N. Composite polyaniline/calixarene Langmuir-Blodgett films for gas sensing 58870
Lavrik, N.V. *see* Sergeyeva, T.A. 17567
Lavrinovich, N.A. Influence of misalignment of the optico-electron system of the storage cathode-ray devices by the signal magnitude 31718
Lavrishchev, S.V. *see* Dianov, E.M. 33041
Lavrishchev, S.V. *see* Verezub, N.A. 21219
Lavrov, A.P. *see* Esepkina, N.A. 48539
Lavrova, O.A. *see* Timofeev, F.N. 48022
Law, A., Lopes, L.B. Protocol issues for the introduction of adaptive antennas into existing second generation systems: GSM and DECT 35956
Law, C.L. *see* Wong, M.T. 47544
Law, C.T., Swartzander, G.A., Jr. A numerical package for modeling optical limiters 24223
Law, D. *see* Horner, A. 45929
Law, E.L. Telemetry RF signal bandwidth; definitions and standards 6025
Law, E.L. Performance of PCM/FM during frequency selective fading 6029
Law, H.H., Roy, A., Kossives, D., Wu, T.S., Bacon, D.D. A process for fabricating high current circuits with high interconnect density 1777
Law, H.Hin-Cheung *see* Hin-Cheung Law, H.
Law, J. *see* Underwood, A.C. 7894
Law, J. *see* Underwood, A.C. 59491
Law, J.Y., Agrawal, G.P. Mode-partition noise in vertical-cavity surface-emitting lasers 44507
Law, K., White, J., Turner, N. A modular, multichamber single substrate processing PECVD system for very large area AMLCD manufacturing 13722
Law, K. *see* Mazarakis, M.G. 17897
Law, K.H. *see* Mackay, D.R. 10487
Law, K.K. *see* Chao, L.-L. 33559
Law, K.K. *see* Grillo, D.C. 3907
Law, K.L., Leon-Garcia, A. A growable large scale ATM multicast switch 5787
Law, M. *see* Cea, S. 12778
Law, M.E. Computational issues for process modeling 43247
Law, M.E., Jones, K.S. {311} defect formation and evolution for Si and B implants 54024
Law, M.E. *see* Chaudhry, S. 54025
Law, M.E. *see* Dokumaci, O. 12159
Law, M.E. *see* Dokumaci, O. 41888
Law, M.E. *see* Jingwei Xu 32128
Law, M.E. *see* Liu, J. 32134
Law, M.E. *see* Morris, S. 54343
Law, M.E. *see* Picraux, S.T. 12702
Law, M.Y. *see* Wong, K.P. 60193
Law, S.E., Banerjee, S., Wetzstein, H.Y., Eisikowitch, D. Electrostatic application of pollen

sprays: effects of charging field intensity and aerodynamic shear upon deposition and germinability 33844
Law, S.E. *see* Banerjee, S. 39473
Law, S.Y., Agrawal, G.P. Effects of spatial hole burning on gain switching in vertical-cavity surface-emitting lasers 33570
Law Hang-Wai *see* Hang-Wai Law
Lawandy, N.M. *see* Balachandran, R.M. 55514
Lawandy, N.M. *see* Vartak, S.D. 13789
Lawes, R.A. *see* Rizvi, N.H. 2540
Lawes, R.A. *see* Zheng Cui 43399
Lawetz, C., Cartledge, J.C. Performance of optically preamplified receivers with Fabry-Perot optical filters 6820
Lawetz, C., Cartledge, J.C., Rolland, C., Yu, J. Modulation characteristics of semiconductor Mach-Zehnder optical modulators 55299
LaWhite, N., Ilic, M.D. Vector space decomposition of reactive power for periodic nonsinusoidal signals 40764
Lawing, A.S., Muscat, A.J., Sawin, H.H., Butterbaugh, J.W. UV/Cl_2 etching and cleaning of wafer surfaces 42465
Lawing, A.S. *see* Muscat, A.J. 42570
Lawler, N. *see* Kong, Q. 26278
Lawler-Covell, M.R., West, K.F., Kiefer, M.W., Officer, S.M., Price, M.J. An adaptive multispectral normalization system 18838
Lawless, B. *see* Murphy, V. 48631
Lawless, P.A., Yamamoto, T., Shofran, S.P., Boss, C.B., Nunez, C.M., Ramsey, G.H., Engels, R.L. Characteristics of a fast rise time power supply for a pulsed plasma reactor for chemical vapor destruction 29930
Lawless, W.N., Clark, C.F., Jr. Energy storage at 77 K in multilayer ceramic capacitors 20097
Lawless, W.N., Clark, C.F., Swartz, S.L. Thermal boundary resistance problems in melt-texturized YBCO in a Ni sheath 43770
Lawliss, M.S. *see* Puisto, D.M. 32300
Lawlor, M.A., Adams, A.E., Hinton, O.R., Riyait, V.S., Sharif, B.S. Further results from the SAMI synthetic aperture sonar 50187
Lawlor, M.A. *see* Neasham, J.A. 48034
Lawlor, M.A. *see* Thompson, D. 48032
Lawlor-Wright, T. Design for testability of printed circuit board assemblies 53747
Lawn, M.A. *see* Fisk, P.T.H. 27366
Lawn, M.A. *see* Fisk, P.T.H. 48292
Lawrence, A., Kay, A., Luk, W., Nomura, T., Page, I. Using reconfigurable hardware to speed up product development and performance 11304
Lawrence, B., Fuerst, R., Torruellas, W., Stegeman, G., Assanto, G. All-optical spatial switching of solitary waves in KTP 4089
Lawrence, B. *see* Fuerst, R.A. 44743
Lawrence, B. *see* Jiang, W. 24012
Lawrence, B. *see* Rarick, M.J. 8267
Lawrence, B. *see* Torruellas, W. 3979
Lawrence, B.H. Online course delivery: issues of faculty development 57969
Lawrence, B.L. *see* Fuerst, R.A. 24247
Lawrence, C. *see* Udd, E. 17398
Lawrence, C.M., Nelson, D.V., Fuchs, E.A., Spingarn, J.R., Bennett, T.E. Fiber optic sensors at Sandia National Laboratories 48619
Lawrence, C.M., Nelson, D.V., Spingarn, J.R., Bennett, T.E. Measurement of process-induced strains in composite materials using embedded fiber optic sensors 1013
Lawrence, C.M., Nelson, D.V., Udd, E. Multiparameter sensing with fiber Bragg gratings 48615
Lawrence, C.R. *see* Gaier, T. 41485
Lawrence, D.G. *see* Cohen, C.E. 60003
Lawrence, G., Barlow, D., Billen, J., Blind, B., Chan, K.C.D., Garnett, R., Gentzlinger, R., Gray, E., Gurd, D., Krawcyzk, F., Lynch, M., Nath, S., Regan, A., Rees, D., Rohlev, A., Rusnak, B., Ryne, R., Schneider, J.D., Schrage, D., Shafer, R., Sherman, J., Stovall, J., Takeda, H., Tallerico, P., Wangler, T., Wood, R., Young, L. Conventional and superconducting RF linac designs for the APT project 49177
Lawrence, G. *see* Lynch, M.T. 7709
Lawrence, G. *see* Tallerico, P.J. 7712
Lawrence, G.M. *see* Osterman, S.N. 36697
Lawrence, G.N. *see* Lin, Y. 3933
Lawrence, G.P. Los Alamos high-power proton linac designs 7682
Lawrence, G.P. High-power proton linear accelerator for the APT project 18061
Lawrence, J. *see* Czyrny, J.J. 49582
Lawrence, J.D., Gallagher, J.M. A proposal for performing software safety hazard analysis 60489
Lawrence, M. *see* McMillian, G. 31309
Lawrence, M.A.St. *see* St. Lawrence, M.A.
Lawrence, O.E. *see* Vaitekunas, D.A. 38166
Lawrence, R.K., Mrstik, B.J., Hughes, H.L., McMarr, P.J. Dependence of radiation induced buried oxide charge on silicon-on-insulator fabrication technology 22475
Lawrence, R.K., Mrstik, B.J., Hughes, H.L., McMarr, P.J., Anc, M.J. Positive charge trapping in SOI materials 12593
Lawrence, S., Ah Chung Tsoi, Back, A.D. The Gamma MLP for speech phoneme recognition 56389
Lawrence, S.P. *see* Yong Xue 8386
Lawrence, V.B., Smithwick, L.J., Werner, J.-J., Zervos, N.A. Broadband access to the home on copper 16434
Lawson, C., Keats, J.B., Montgomery, D.C. Comparison of robust and least-squares regression in computer-generated probability plots 52331
Lawson, C.M. *see* Fleurov, V.B. 24215
Lawson, C.M. *see* Fleurov, V.B. 24225
Lawson, D.A. Computer algebra in engineering mathematics 52061
Lawson, D.B. *see* Kan, T. 23357
Lawson, E.M. *see* Smith, A.M. 49348
Lawson, J.K., Aikens, D.M., English, R.E., Jr., Wolfe, C.R. Power spectral density specifications for high-power laser systems 3758
Lawson, J.K. *see* Van Wonterghem, B.M. 24047
Lawson, J.K. *see* Widmayer, C.C. 23873
Lawson, J.K. *see* Wolfe, C.R. 59068
Lawson, M. *see* Kewei Chen 28233
Lawson, R. *see* Takano, N. 49698
Lawson, W., Cheng, J., Castle, M., Saraph, G., Hogan, B., Granatstein, V.L., Reiser, M. Initial operation of a 100 MW X-band gyroklystron for collider applications 37138
Lawson, W. *see* Saraph, G.P. 1939
Lawton, D.T., Gardner, W.F. Motion analysis by translational decomposition 56661
Lawton, D.T. *see* Gardner, W.F. 5490
Lawton, W. Information theory, wavelets and image compression 4487
Lawton, W. A fast algorithm to map functions forward 46247
Laxdal, R. *see* Koscielniak, S. 49094
Laxdal, R.E., Bricault, P. Design of a drift tube linac for the ISAC project at TRIUMF 49101
Laxdal, R.E. *see* Bricault, P.G. 49093
Laxmeshwar, N.B. *see* Darwish, A. 24183
Laxpati, S.R., Saad, S.M. Adjunct faculty as agents for re-engineering engineering education 20675
Laxpati, S.R. *see* Lee, K.H. 34430
Lay, E.De *see* De Lay, E.
Lay, G.Le *see* Le Lay, G.
Lay, K.W., Herd, K.G., King, C. A 100 MVA generator utilizing high-temperature superconducting windings: design assessment and component development 60690
Lay, M.D. Parameterisation of the angular response of the R1408 Hamamatsu eight-inch photomultiplier tube to be used in the Sudbury Neutrino Observatory 31720
Lay, M.D. Parameterization of the angular response of 2.54-cm photomultiplier tubes 31722
Lay, M.D., Lyon, M.J. An experimental and Monte Carlo investigation of the R1408 Hamamatsu 8-inch photomultiplier tube and associated concentrator to be used in the Sudbury Neutrino Observatory 31721
Lay, R.K. *see* Arjona, D. 19231
Lay Jiunn-Ru *see* Jiunn-Ru Lay
Lay Shyh-Rong *see* Shyh-Rong Lay
Lay-Hua Lim *see* Pan, W.H.T. 37746
Layadi, A.N. *see* Maynard, H.L. 42573
Layadi, N. *see* Lee, J.T.C. 54392
Laycock, L.C. *see* Radcliffe, S. 44095
Laycock, P.J. *see* Gott, G.F. 45218
Laycock, P.J. *see* Pantjiaros, C.A. 45219
Laycock, W.J. *see* Booth, C. 50455
Laye, C. *see* Sixou, P. 13539
Layfield, A.M. *see* Jia, X.D. 11140
Layos, M.C., Haritantis, I. On the derivation of current-mode floating inductors 53417
Layton, S.D. *see* Hall, D.K. 18664
Layton, W. Solution algorithms for incompressible viscous flows at high Reynolds numbers 538
Layton, W., Polman, B. Oscillation absorption finite element methods for convection-diffusion problems 653
Layton, W. *see* Axelsson, O. 21160
Lazanu, S. *see* Borchi, E. 7812
Lazar, A. *see* Ngoh, L.H. 58007
Lazar, A.A. *see* Anerousis, N. 46900
Lazar, A.A. *see* Campbell, A.T. 47334
Lazar, A.A. *see* Chan, M.C. 16422
Lazar, A.A. *see* Deng, R.H. 6017
Lazar, A.A. *see* Jelenkovic, P.R. 35448
Lazar, A.A. *see* Korilis, Y.A. 35530
Lazar, M. *see* Ciurea, M.L. 41877
Lazarakis, F., Alexandridis, A.A., Dangakis, K., Tombras, G.S., Filis, K.G. Evaluation of a propagation model for the region of Athens, measurements and statistical analysis 26591
Lazarakis, F. *see* Filis, K.G. 26542
Lazard, C. *see* Litz, M.S. 53975
Lazareff, B. *see* Blondel, J. 48207
Lazarescu, M.-T., Sartori, M. Algorithm validation and hardware design interactive approach 40791
Lazarescu, M.F. *see* Grigorescu, C.E.A. 48565
Lazarescu, V. *see* Radoi, C. 9337
Lazarev, N.V., Andreev, V.A., Artemov, V.S., Batalin, V.A., Chuvilo, I.V., Edemsky, V.I., Kolomiets, A.A., Kondratiev, B.K., Kus'min, Yu.N., Kouibida, R.P., Plotnikov, V.K., Porubai, N.I., Raskopin, A.M., Rybakov, N.I., Skachkov, V.S., Stasevich, Yu.B., Stolbunov, V.S., Vengrov, R.M. 30 years operation of 25 MeV proton linac I-2 in ITEP at beam current of 200-230 mA 49036
Lazarev, N.V. *see* Andreev, V.A. 37025
Lazarev, N.V. *see* Kolomiets, A.A. 49028
Lazarev, Y., Petrov, P. Broadband superlight source of high power microwaves 53986
Lazarev, Y., Petrov, P. Prospect of superlight source application for charged-particle acceleration 59151
Lazarev, Yu.P. *see* Avanesyan, R.R. 31635
Lazareva, T.G., Vashuk, E.V., Alimov, I.F., Il'yushchenko, I.A., Makhover, A.Z. Technological methods of forming the film sensors based on polyvinyl alcohol-heteropolyacid composites 7261
Lazarevic, Z. *see* Radakovic, Z. 19823
Lazaridis, A. *see* Hing Choi Fung 30673
Lazaro, A., Cobos, J.A., Barrado, A., Olias, E. Design of a zero-current-switched quasi-resonant SEPIC used as power factor pre-regulator with voltage follower control 51275
Lazaro, A. de S., Steffenhagen, W. A hybrid fuzzy controller for industrial power plants 9103
Lazaro, F.J. *see* Garcia, J.L. 3170
Lazarou, G.Y., Frost, V.S., Evans, J.B., Niehaus, D. Using measurements to validate simulation models of TCP/IP over high speed ATM wide area networks 6085
Lazarouk, S. *see* Bondarenko, V. 44305
Lazarouk, S. *see* Masini, G. 44272
Lazarova, V., Spassov, L., Gueorguiev, V., Andreev, S., Manolov, E., Popova, L. Quartz resonator with SnO_2 thin film as acoustic gas-sensor for NH_3 36769
Lazarovici, D. *see* Halmagean, E. 49576
Lazcano, A. *see* Aramendi, E. 8973
Lazcano, A. *see* Leturiondo, L. 8974
Lazdins, J. *see* Spigulis, J. 37851
Lazebnik, J.M. *see* Shlimak, I. 12683
Lazenby, J. *see* Qinglin Ma 28118
Laziev, E. *see* Antropov, V. 49276
Laziev, E.M. *see* Nikogosian, A.S. 7558
Laziev, E.M. *see* Nikogossian, A.S. 17849
Laziev, E.M. *see* Nikogosyan, A.S. 17843
Lazorenko, O.V. *see* Chernogor, L.F. 34096
Lazovskii, L.Yu. *see* Dalinenko, I.N. 27145
Lazraq, T., Bergstedt, P., Mokhtari, M., Tenhunen, H. ATM-switching element design for 10 Gbit/sec/port data rate 6407
Lazraq, T., Svantesson, B., Jantsch, A., Hemani, A. Modelling of operation and maintenance functions in the ATM network 35451
Lazyuk, D.G., Sidorenko, I.V., Krushevskaya, T.V. Method of thermography in diagnosing cardiovascular diseases 49470
Lazzara, R. *see* Lander, P. 49689
Lazzari, J.-P. Planar silicon head: the modern solution for the disc drive industry 43677
Lazzari, M. *see* Boglietti, A. 9318
Lazzari, M. *see* Boglietti, A. 23288
Lazzari, M. *see* Boglietti, A. 29738
Lazzari, M.de *see* de Lazzari, M.
Lazzarin, R.M., Gasparella, A. New ideas for energy utilisation in combined heat and power with cooling. I. Principles 50765
Lazzarini, L. *see* Holt, D.B. 39036
Lazzarini, R. *see* Dario, P. 27522
Lazzarino, M. *see* Pellegrini, V. 2577
Lazzaro, B. *see* Filie, A. 38635
Lazzaro, F. *see* Brosio, A. 26856
Lazzaro, G., Connolly, P., Keflezighi, F. UCSD ECE 191 Alliance Pharmaceutical Perflubron Infrared Detector Group final project report 37596
Lazzaro, G. *see* Bolla, R. 47720
Lazzaro, J., Wawrzynek, J. Silicon models for auditory scene analysis 53373
Lazzaro, P.Di *see* Di Lazzaro, P.
Lazzaroni, M. *see* Carminati, E. 2966
Lazzeri, M. *see* Pellegrini, V. 2577
Lazzi, G., Gandhi, O.P. Realistically tilted and truncated anatomically based models of the human head for dosimetry of mobile telephones 37911
Lazzi, G., Gandhi, O.P. Inversion theory as applied to the optimisation of conductivity profile for PML absorbing boundary condition for FDTD code 45040
Lazzi, G., Gandhi, O.P. On the optimal design of the PML absorbing boundary condition for the FDTD code 56033
Lazzi, G. *see* Furse, C.M. 37899
Lazzi, G. *see* Pandit, V. 18563
Le, B. *see* Vaccaro, F.J. 51463
Le, B.Q., Cole, T.D., Rodriquez, D.E., Reiter, R.A., Moore, R.C., Boies, M.T., Schaefer, E.D., Stillman, L., Krein, S. The NEAR laser rangefinder light-weight packaging design 49896
Le, C.-T. *see* Delage, O. 35328
Le, C.D. *see* Berning, P.R. 33870
Le, C.T.C. *see* Ishimaru, A. 8382
Le, C.T.C. *see* Kuga, Y. 18801
Le, C.T.C. *see* Yasuo Kuga 8508
Le, D.X., Thoma, G.R., Wechsler, H. Automated borders detection and adaptive segmentation for binary document images 5645
Le, F. *see* Happ, L. 8670
Le, H. *see* Jusheng, M. 10175
Le, H.Q., Turner, G.W., Ochoa, J.R. Turn-key, liquid-nitrogen-cooled 3.9 μm semiconductor laser package with 0.2 W CW output 14123
Le, H.Q., Turner, G.W., Ochoa, J.R., Manfra, M.J., Cook, C.C., Zhang, Y.-H. Broad wavelength tunability of grating-coupled external cavity midinfrared semiconductor lasers 14089
Le, H.X.P. *see* Kim, S.W.A. 43047
Le, M. *see* Nguyen, N.X. 31494

Le, M.T. *see* Ross, M. 47165
Le, M.V. *see* Madden, C.J. 31531
Le, Q.N. *see* Kaminski, A. 39007
Le, Q.T. *see* Thielen, A. 54312
Le, T.M., Panchanathan, S., Snelgrove, M. Computational-RAM implementation of mean-average scalable vector quantization for real-time progressive image transmission 15498
Le, T.M., Snelgrove, W.M., Panchanathan, S. Computational RAM implementation of MPEG-2 for real-time encoding 46407
Le Barny, P. *see* Bouche, C.-M. 23664
Le Barny, P. *see* Dentan, V. 3326
le Bars, N. *see* Perez Ramirez, A.S. 52848
Le Bas, T.P., Somers, M.L., Campbell, J.M., Beale, R. Swath bathymetry with GLORIA 18869
Le Beller, L. *see* Anderson, J. 25843
Le Berre, C. *see* Tuzemen, S. 12217
Le Berre, D., Perennec, A., Le Roy, M., Toutain, S. Time-analysis method for the design of laser command circuit 24054
Le Berre, M., Kleimann, P., Semmache, B., Barbier, D., Pinard, P. Electrical and piezoresistive characterization of boron-doped LPCVD polycrystalline silicon under rapid thermal annealing 12147
Le Berre, M., Leduc, D., Ressayre, E., Tallet, A. Biconical emission of spatially mode-locked patterns with wave-number ratio $\sqrt{2}$ in a ring cavity device 14213
Le Bihan, D. *see* Bizzi, A. 37622
Le Bihan, F., Fortin, B., Lhermite, H., Bonnaud, O., Briand, D. Experimental determination of Hall factor for hydrogenated in-situ phosphorus doped polysilicon films 12197
Le Bihan, J. Approximate dynamic model for evaluating distortion in a semiconductor laser under overmodulation 33541
Le Bihan, J. *see* Rodin, V. 59545
Le Bihan, J. *see* Sharaiha, A. 33176
Le Bitoux, M. *see* Letzelter, J. 61356
Le Blanc, C. *see* Antonetti, A. 14076
Le Blanc, S.P. *see* Rau, B. 55794
Le Boiteux, S. *see* Picard, Y.J. 48995
Le Boudec, J.-Y., de Veciana, G., Walrand, J. QoS in ATM: theory and practice 35440
Le Boudec, J.-Y. *see* Almesberger, W. 26189
Le Boudec, J.-Y. *see* Gauthier, E. 57620
Le Boudec, P. *see* Colin, S. 33402
Le Bouguin-Jeannes, R. *see* Shamsollahi, M.B. 37835
Le Boulanger, P. *see* Konate, A. 4019
Le Bouquin Jeannes, R., Faucon, G. Optimization of a cascaded structure for noise and echo cancellation using a noise filtering preprocessing 26605
Le Bouquin Jeannes, R., Faucon, G., Ayad, B. How to improve acoustic echo and noise cancelling using a single talk detector 34636
Le Bouquin-Jeannes, R. *see* Ayad, B. 15015
Le Bourhis, L., Angele, J., Dupont, L. Gray scale optically addressed spatial light modulator using twisted ferroelectric liquid crystals 33162
Le Breton, J.M. *see* Ravach, G. 3068
Le Breton, P. *see* Kazdaghli, A. 51287
Le Bricquir, S., Lauzanne, A. Validation of supplementary services in the context of interoperability 16362
Le Buhan, C. *see* Reusens, E. 35192
Le Buhan, C. *see* Reusens, E. 57252
Le Bunetel, J.C. *see* Dakyo, B. 60880
Le Cadre, J.-P. *see* Gauvrit, H. 25242
Le Cadre, J.E., Jauffret, C. Discrete-time observability and estimability analysis for bearings-only target motion analysis 36268
Le Caillec, J.-M., Garello, R. Detection and quantification of nonlinearities in a modified Volterra model by using Wigner-Ville higher order transform 34927
Le Caillec, J.-M., Garello, R. A prospective way for nonlinear blind deconvolution and deblurring 45764
Le Caillec, J.M., Garello, R. Simulation of the nonlinear relation between RAR and SAR images of the ocean surface 50144
Le Cam, P. *see* Allen, C.R. 48216
Le Chevalier, R.F., Delhote, C., Salesse, L. Movement exploitation and elimination for radar imaging and detection 58448
Le Coat, F. *see* Pissaloux, E. 35008
Le Corre, A., De Matos, C., L'Haridon, H., Gosselin, S., Lambert, B. Photorefractive multiple quantum well device using quantum dots as trapping zones 44073
Le Corre, A. *see* Lambert, B. 13686
Le Corre, A. *see* L'Haridon, H. 14278
Le Cras, F., Bloch, D., Strobel, P. Low-temperature lithium-manganese oxide cathode materials for polymer batteries 29569
le Dain, L. *see* Gerstenmayer, J.L. 37351
le Dain, L. *see* Gigot, J.-F. 37352
Le Dinh, C.T. *see* Labonte, F. 5429
Le Dinh, C.T. *see* Labonte, F. 57459
Le Doeuff, R. *see* Guerin, P. 61316
Le Doeuff, R. *see* Machmoum, M. 50461
Le Du, M. *see* Platis, A. 38210
Le Du, M. *see* Platis, A.N. 60954
Le Du, P. *see* Bizeau, C. 57597
Le Du, P. *see* Bystricky, J. 59318
Le Duc, J.-C. *see* Strandberg, R.H. 31392
Le Duff, J. *see* Hwang, C.S. 37043
Le Faucheur, F. *see* Tse, P.W. 25863
Le Feuvre, R.F. *see* McCrorie, K.A.B. 50761
Le Fevre, M. *see* Carter, L.J. 8605
Le Floch, A. *see* Brunel, M. 55570
Le Floch, A. *see* Brunel, M. 55575
Le Floch, H., Labit, C. A scattered data interpolation algorithm for still-image sub-sampling and for motion field representations used to video coding 56871
Le Floch, J.-L. *see* Faudemay, P. 46053
Le Foll, G., Larzabal, P., Clergeot, H. Spectral analysis for Doppler radar: a parametric model for regularisation 26973
Le Foulgoc, K. *see* Gilbert, F. 36621
Le Fur, C. *see* Lebourgeois, R. 23343
Le Gac, I. *see* Chawki, M.J. 16721
Le Gall, P. Traffic simulation and traffic modelling in the control plane 25911
Le Garrec, B.J., Raze, G.T., Thro, P.Y., Gilbert, M. High-average-power diode-array-pumped frequency-doubled YAG laser 33434
Le Goff, A. *see* Luong, M. 53947
Le Goff, S. *see* Stebe, B. 32012
Le Goualher, G. *see* Colins, D.L. 18218
Le Gouet, L. *see* Lorgere, I. 3327
Le Gouezigou, L. *see* Fernier, B. 16822
Le Gouezigou, O. *see* Lestra, A. 58284
Le Gouezigou, O. *see* Penninckx, D. 58297
Le Gourrierec, L. *see* Simeonidou, D. 58092
Le Gourrierec, P. *see* Acher, O. 3091
le Grand, J.B., Martin, J., Drachsler, K., Huebener, R.P., Hamster, A.W., Brons, G.C.S., Adelerhof, D.J., Flokstra, J. Quasiparticle relaxation rates in Abrikosov vortices 32915
Le Gratiet, J.L. *see* L'Haridon, H. 14278
Le Gressus, C. *see* Agnel, S. 32724
Le Gressus, C. *see* Bigarre, J. 23253
Le Gressus, C. *see* Damamme, G. 28917
Le Gressus, C. *see* Damamme, G. 32622
Le Gressus, C. *see* Damamme, G. 32637
Le Guen, D. *see* Favre, F. 47899
Le Guen, D. *see* Favre, F. 47963
Le Gui-Gao *see* Gui-Gao Le
Le Guyader, P. *see* Trelles, F. 49742
Le Helley, M. *see* Gaffiot, F. 9885
Le Helloco, Y., Priou, L., Uguen, B., Chassay, G. A study of the desying process of a radar target applied to a critical analysis of the meaning and the sensibility of some measured Huynen parameters 48040
Le Hin, I. *see* Privat, G. 46405
Le Hung *see* Hung Le
Le Jeune, B. *see* Elies, P. 7585
Le Jialing, Ye Xichao, Yang Hui Experimental study on the propagation of shock wave over cylinders with holographic interferometer 49003
Le Lay, G. *see* Aristov, V.Yu. 2238
Le Lay, G. *see* Gastaldi, J. 37312
Le Li, Faris, S.M. Novel super broadband reflective polarizer 55328
Le Li *see* Schlichting, W. 43918
Le Lourec, P. *see* Chbat, M.W. 36170
Le Lourec, P. *see* Leijtens, X.J.M. 44310
Le Masson, S. *see* Dallet, D. 1539
Le Masson, S. *see* Dallet, D. 1540
Le Masson, S. *see* Dallet, D. 1541
Le May, I. *see* Furtado, H.C. 11796
Le Mellot, J. *see* Quetel, L. 13600
Le Men, H. *see* Huet, C. 60011
Le Mest, Y. *see* Brosseau, C. 13295
Le Mest, Y. *see* Brosseau, C. 32610
Le Meur, J. *see* Aleksan, R. 59201
Le Minh Thien *see* Minh Thien Le
Le Moal, P., Minotti, P., Ferreira, A., Duffaud, J. Traveling wave ultrasonic motors. II. Bidimensional analytical modeling of the stator/rotor contact 3024
Le Moal, P. *see* Ferreira, A. 3025
Le Moal, P. *see* Ferreira, A. 32776
Le Moal, P. *see* Minotti, P. 3023
Le Moan, Y., Sapanel, J.C. Broadband technology and network services for the EDID project 26245
Le Moan, Y. *see* Guillet, P. 47325
Le Moigne, J. *see* Szu, H.H. 60028
Le Moigne, O. *see* Lemaire, J. 57475
Le Moine-Py, B. Results of the pan-European ATM pilot network 26180
Le Narzul, J.-P. *see* Bourges Waldegg, D. 26338
Le Nguyen Binh, Shu Fun Luk Optical dispersion equalisation using a double-coupler double-ring resonator 6714
Le Nguyen Binh, Su-Vun Chung Generalized approach to single-mode dispersion-modified optical fiber design 43942
Le Normand, J.-P., Perichon, R.A. An active microwave transmission delay equalizer 53538
Le Pioufle, B. *see* Bonnassieux, Y. 51689
Le Quan Nam *see* Quan Nam Le
Le Roy, M. *see* Le Berre, D. 24054
Le Roy, Y. *see* Cazaban, F. 27024
Le Sergent, C. *see* Desthieux, B.M. 6855
Le Si Dang *see* Alleysson, P. 23916
Le Si Dang *see* Mariette, H. 12721
Le Tang, Kolluri, S., McGranaghan, M.F. Voltage flicker prediction for two simultaneously operated AC arc furnaces 51887
Le Thanh, V. *see* Reqqass, H. 793
Le Thi Hoai An *see* Pham Dinh Tao 10368
Le Thuy Dm *see* Thuy Dm Le
Le Toan, T., Ribbes, F., Li-Fang Wang, Floury, N., Kung-Hau Ding, Jin Au Kong, Fujita, M., Kurosu, T. Rice crop mapping and monitoring using ERS-1 data based on experiment and modeling results 28677
Le Toan, T. *see* Ribbes, F. 18936
Le Toan, T. *see* Rouvier, S. 8390
Le Tohic, R. *see* Kazdaghli, A. 51287
Le Tourneur, P. *see* Bach, P. 8599
Le Traon, Y., Al Hayek, G., Robach, C. Testability-oriented hardware/software partitioning 31240
Le Traon, Y. *see* Al-Hayek, G. 31220
Le Tron, B., Hashim, M.D.R., Ashburn, P., Mouis, M., Chantre, A., Vincent, G. Determination of bandgap narrowing and parasitic energy barriers in SiGe HBT's integrated in a bipolar technology 54604
Le Tron, B. *see* de Barros, O. 2599
Le Van Khoi, Dobrowolski, W., Zakrzewski, A., Dobaczewski, L., Galazka, R.R. Self-induced persistent photoconductivity in $ZnTe\text{-}Cd_{1-x}Mn_xTe_{1-y}Se_y$ heterojunctions 12344
Le Vine, D.M., Swift, C.T. Synthetic aperture radiometers for microwave remote sensing from space 8301
Le Vine, F. *see* Haugh, D. 24398
Le-Huy, H. *see* Ta-Cao, M. 29717
Le-Huy, H. *see* Tarbouchi, M. 29323
Le-Huy Hoang *see* Hoang Le-Huy
Le-Ngoc, T. *see* Di Girolamo, R. 15318
Le-Ngoc, T. *see* Mehrvar, H.R. 6682
Le-Ngoc, T. *see* Mehrvar, H.R. 16004
Le-Ngoc, T. *see* Mehrvar, H.R. 47883
Le-Ngoc, T. *see* Shayan, Y.R. 24649
Le-Ngoc Tho *see* Tho Le-Ngoc
Le-Pond Chin, Jin-Fu Chang, Chun-Ming Huang Performance of a two-layer LEO satellite communication network 36050
Le-Pond Chin *see* Yanp-Han Lee 6713
Le-Tien, T., Talhami, H., Nguyen, D.T. Target signature extraction based on the continuous wavelet transform in ultra-wideband radar 26970
Le-Tien, T., Talhami, H., Nguyen, D.T. Simple algorithm for wavelet maxima modulus extraction in time-scale representations 45725
Le-Tien, T., Talhami, H., Nguyen, D.T. Detection of the local maxima in time-frequency and time-scale representations 45796
Le-Tien, T., Talhami, H., Nguyen, D.T., Martin, N.M. Application of the wavelet transform for the echo signal from a rotating object 26969
Le-Wei Li, Pang-Shyan Kooi, Mook-Seng Leong, Tat-Soon Yeo, See-Loke Ho Input impedance of a probe-excited semi-infinite rectangular waveguide with arbitrary multilayered loads: part II–a full-wave analysis 45322
Lea, C.-T., Ke, K.-W. Quantization, state reduction and cost-based admission and routing 25970
Lea, C.-T. *see* Peyravian, M. 5850
Lea, E., Weiss, B.L. Characteristics of photoelastic waveguides in SiGe/Si heterostructures 33082
Lea, M.J. *see* Stefanyi, P. 54021
Lea, S. *see* Clairon, A. 27367
Lea, S.N., Gill, P. Proposed infra-red to visible frequency chain at NPL 48334
Lea, S.N. *see* Clairon, A. 48295
Lea, S.N. *see* Ghezali, S. 17724
Lea, S.N. *see* Ghezali, S. 27316
Lea Chin-Tan *see* Chin-Tan Lea
Lea Chin-Tau *see* Chin-Tau Lea
Leach, M. Local planarization process developed for higher yields 12727
Leach, M.O. *see* Doyle, V.L. 59474
Leach, N.P. *see* Makatsoris, C. 30150
Leach, R.K. Novel 3-axis CMM probe calibration facility 27916
Leach, R.R. *see* Gabor, A.J. 18413
Leach, W.M., Jr. On the application of Thevenin and Norton equivalent circuits and signal flow graphs to the small-signal analysis of active circuits 11029
Leachman, R.C. Closed-loop measurement of equipment efficiency and equipment capacity 30147
Leachman, R.C. *see* Jongsoo Kim 10057
Leadley, D.R. *see* Nicholas, R.J. 2126
Leahy, D.G., Wallace, J.G., Mulvenna, M.D., Hughes, J.G. Knowledge-based assistance for contract compliance [power stations] 52100
Leahy, J. Raster drawings in CAD provide unique approach to overhead line design 28915
Leahy, M., Kotch, M. "Imagineering" bulk power delivery 50494
Leahy, R. *see* Sandor, S. 28214
Leahy, T.S. An analysis of statistical estimation methods used in high accuracy mass determination 59040
Leaird, D.E. *see* Binjrajka, V. 3474
Leaird, D.R. *see* Binjrajka, V. 3489
Leake, H.C. Sizing of cables in randomly-filled trays with consideration for load diversity 28902
Leake, J. *see* Brawn, I. 59325
Leal, C., Johnson, B. ThermTrac™ heating system: reliable technology for heavy oil transportation 20291
Lealman, G. *see* Job, H. 8112
Lealman, I. *see* Jones, C. 44307
Lealman, I.F. *see* Kelly, A.E. 44496
Lealman, I.F. *see* Okai, M. 23947
Lealman, I.F. *see* Robertson, M.J. 26907
Leanardis, A. *see* Werner, T. 5054

Leang, C.C., Johnson, D.H. On the asymptotics of M-hypothesis Bayesian detection 25086
Leang, S.E. *see* Chim, W.K. 32395
Lear, E., Katinsky, J., Coffin, J., Tharp, D. Renumbering: threat or menace? 16180
Lear, K.L. Limits to the power conversion efficiency of vertical-cavity surface-emitting lasers 23993
Lear, K.L., Choquette, K.D., Hadley, G.R., Hou, H.Q., Mar, A., Geib, K.M. Analysis of a submicroampere laser diode 3968
Lear, K.L. *see* Blum, O. 32171
Lear, K.L. *see* Blum, O. 32172
Lear, K.L. *see* Choquette, K.D. 3896
Lear, K.L. *see* Hadley, G.R. 24044
Lear, K.L. *see* Hadley, G.R. 33554
Lear, K.L. *see* Kuksenkova, D.V. 23885
Leardi, R. *see* Broudiscou, A. 30460
Learned, R.E., Krim, H., Willsky, A.S. Examination of wavelet packet signal sets for over-saturated multiple access communications 46660
Learned, R.E., Willsky, A.S. Low complexity optimal multiple access joint detection for linearly dependent user sets 16067
Learned, R.E., Willsky, A.S., Boroson, D.M. Low complexity optimal joint detection for over-saturated multiple access communications 26568
Leary, J., Gooch, R. Adaptive beamforming for TDMA signals 16568
Leary, M. *see* Chen Ji 44493
Leary, M.H. *see* Liang, J.J. 44597
Leask, E. Quality: a student's eye view 9849
Leask, M.J.M. *see* Equall, R. 14410
Leathard, A.D. *see* Brown, B.H. 18454
Leathard, A.D. *see* Tian-Xian Zhao 18464
Leaver, F.G. *see* Glass, A.W. 36687
Leavey, J. *see* Capasso, C. 32299
Leavitt, B.C., Payton, S.L. Integrating global positioning systems with satellite remote sensing: avoiding major pitfalls 8397
Leavitt, C.A. Real-time in-flight planning 8700
Leavitt, F.A., Elsner, N.B., Bass, J.C. Use, application and testing of the HZ-14 thermoelectric module 39248
Leavitt, R. *see* Heim, P.J.S. 6791
Leavitt, R.P. *see* Hayduk, M.J. 55549
Leavitt, R.P. *see* Hayduk, M.J. 55564
Leavitt, R.P. *see* Kistenmacher, T.J. 10893
Leavitt, R.P. *see* Myunghee Lee 36172
Leavitt, R.P. *see* Vendier, O. 26802
Leavitt, R.P. *see* Vendier, O. 36171
Leb, H. *see* Becks, K.H. 59228
Lebailly, J. *see* de Cremoux, G. 43348
Leban, F. *see* Petrina, P. 50103
Lebar, A.M., Harris, G.F., Wertsch, J.J., Hongsheng Zhu An optoelectric plantar "shear" sensing transducer: design, validation, and preliminary subject tests 18213
Lebart, K., Boucher, J.-M. Speckle filtering by wavelet analysis and synthesis 26978
Lebart, L. *see* Chateau, F. 426
Lebby, M. *see* Jiang, W. 24012
Lebby, M. *see* Schwartz, D.B. 23710
Lebeau, J. *see* Grover, V. 25999
Lebeau, M. *see* Alexeev, G. 59200
Lebeau, M. *see* Auffray, E. 37281
Lebed', S. *see* Kalinichenko, A. 49307
Lebedeff, D. *see* Bellemain, P. 16934
Lebedenko, V.N. *see* Akimov, D.Yu. 37245
Lebedev, A. *see* Adam, A. 37280
Lebedev, A. *see* Alyushin, M. 58621
Lebedev, A. *see* Wieman, H. 59275
Lebedev, A.A., Davydov, D.V., Ignat'ev, K.I. Diffusion potential of 6H-SiC p-n-structures fabricated by different techniques 12329
Lebedev, A.A., Lebedev, A.A., Rud', V.Yu., Rud', Yu.V., Strel'chuk, A.M. Photosensitivity of structures in anodized layers of silicon carbide 13797
Lebedev, A.A., Mal'tsev, A.A., Poletaev, N.K., Rastegaeva, M.G., Savkina, N.S., Strel'chuk, A.M., Chelnokov, V.E. 6H-SiC diodes fabricated by combined chemical vapor deposition and sublimation epitaxy 10680
Lebedev, A.A., Rud', V.Yu., Rud', Yu.V. Radiative recombination of anodized gallium phosphide 12710
Lebedev, A.A., Rud, Yu.V., Rud, V.Yu. Photoluminescence of anodized layers of $CdSiAs_2$ 42027
Lebedev, A.A. *see* Agekyan, V.F. 42028
Lebedev, A.A. *see* Agekyan, V.F. 42028
Lebedev, A.A. *see* Akimov, V.A. 28024
Lebedev, A.A. *see* Astrova, E.V. 44199
Lebedev, A.A. *see* Astrova, E.V. 44220
Lebedev, A.A. *see* Averkiev, N.S. 12516
Lebedev, A.A. *see* Averkiev, N.S. 12516
Lebedev, A.A. *see* Averkiev, N.S. 32098
Lebedev, A.A. *see* Chausov, N.G. 1017
Lebedev, A.A. *see* Lebedev, A.A. 13797
Lebedev, A.L. *see* Akimov, V.A. 28024
Lebedev, A.N., Serov, A.V. The distribution of coherent radiation response over a bunch in an undulator 3912
Lebedev, A.N. *see* Betts, W. 59222
Lebedev, A.N. *see* Gridina, E.G. 34812
Lebedev, A.V. *see* Tkachev, L.G. 9727
Lebedev, E.A., Polisskii, G., Petrova-Koch, V. Dispersive transport of holes in porous silicon 12187
Lebedev, E.A., Ponomarchuk, O.I. Systems with refusal 52431
Lebedev, E.Yu. *see* Ser'eznov, A.N. 58628
Lebedev, K.S. *see* Lukishova, S.G. 14031
Lebedev, K.S. *see* Lukishova, S.G. 14291
Lebedev, K.S. *see* Lukishova, S.G. 23847
Lebedev, K.S. *see* Lukishova, S.G. 33614
Lebedev, M.V. *see* Bessolov, V.N. 12709
Lebedev, M.V. *see* Bessolov, V.N. 41923
Lebedev, M.V. *see* Bessolov, V.N. 54441
Lebedev, N.I. *see* Dolbilov, G.V. 37044
Lebedev, O.I. *see* Valiev, K.A. 55376
Lebedev, O.I. *see* Vasil'ev, A.G. 30899
Lebedev, O.I. *see* Verbist, K. 43795
Lebedev, O.P. *see* Belov, P.V. 17965
Lebedev, P.N. *see* Krasnov, A.E. 7338
Lebedev, S.M. *see* Gefle, O.S. 54897
Lebedev, V.S. *see* Kabatianskii, G.A. 14810
Lebensztajn, L., Cardoso, J.R. Error estimators in self-adaptive finite element field calculation 44849
Leber, P., Baumberger, W., Lang, M., Rieger-Motzer, M., Bronner, W., Hulsmann, A., Raynor, B. A completely integrated single-chip phase-locked loop with a 15 GHz VCO using 0.2 μm E-/D-HEMT-technology 32564
Leberl, F. *see* Gelautz, M. 16915
Leberl, F. *see* Scharinger, J. 35257
Lebey, T. *see* Bellomo, J.P. 9171
Lebey, T. *see* Bellomo, J.P. 43537
Lebizay, G. A modular transport network node 47480
Lebkiri, A. *see* Clerjaud, B. 41957
LeBlanc, C. *see* Barty, C.P. 14075
LeBlanc, C. *see* Barty, C.P.J. 3802
LeBlanc, D.J., Johnson, G.E., Venhovens, P.J.T., Gerber, G., DeSonia, R., Ervin, R.D., Chiu-Feng Lin, Ulsoy, A.G., Pilutti, T.E. CAPC: an implementation of a road-departure warning system 4984
LeBlanc, D.J., Johnson, G.E., Venhovens, P.J.T., Gerber, G., DeSonia, R., Ervin, R.D., Chiu-Feng Lin, Ulsoy, A.G., Pilutti, T.E. CAPC: a road departure prevention system 20206
Leblanc, F. *see* Hubert, D. 60070
LeBlanc, H.P. *see* Soole, J.B.D. 23529
LeBlanc, H.P. *see* Soole, J.B.D. 26929
LeBlanc, H.P. *see* Soole, J.B.D. 48000
LeBlanc, H.P. *see* Youtsey, C. 23642
Leblanc, J.B. *see* Sarkissian, A.H. 2309
LeBlanc, J.P., Fijalkow, I., Johnson, C.R., Jr. Fractionally-spaced constant modulus algorithm blind equalizer error surface characterization: effects of source distributions 25831
LeBlanc, J.P. *see* Johnson, C.R., Jr. 6488
LeBlanc, J.W. *see* Uritani, A. 59365
LeBlanc, L. *see* Cuschieri, J.M. 48147
LeBlanc, L. *see* Remsen, A. 50127
LeBlanc, L.R., Cuschieri, J.M., Singer, M., Beaujean, P.P. Coherent path measurement for characterization of the underwater acoustic channel 48028
LeBlanc, M. *see* Measures, R.M. 48572
LeBlanc, M. *see* Ohn, M.M. 48575
LeBlanc, P.L. *see* Hockney, R.L. 51630
LeBlanc, R. *see* Pepyne, D.L. 60129
Leblanc, R.M. *see* Nsengiyumva, S. 44248
Leblanc, S.G. *see* Chen, J.M. 8535
LeBlanc, S.P. *see* Feurer, T. 3965
LeBlanc, W., Liu, C., Viswanathan, V. An enhanced full rate speech coder for digital cellular applications 16610
Leblois, T.G. *see* Tellier, C.R. 32571
Leblond, B. *see* Aboubacar, A. 41758
Leblond, B. *see* Devanz, G. 49192
Lebner, O. On the line of fibre 47015
Lebourgeois, R., Le Fur, C., Labeyrie, M., Pate, M., Ganne, J.P. Permeability mechanisms in high frequency polycrystalline ferrites 23343
Lebref, R., Landousies, B., Georges, T., Delevaque, E. Study of power transients in EDFA with gain stabilisation by a laser effect 33408
Lebref, R., Landousies, B., Georges, T., Delevaque, E. Theoretical study of the gain equalization of a stabilized gain EDFA for WDM applications 55538
Lebret, H. Optimal beamforming via interior point methods 15324
Lebret, H., Boyd, S. Antenna array pattern synthesis via convex optimization 45431
Lebreton, E. *see* Guillemot, T. 6931
Lebron-Velilla, C. *see* Baez, A.N. 18677
Lebrun, C. *see* Froidure, J.-C. 6738
Lebrun, D., Touil, C.E., Ozkul, C. Methods for the deconvolution of defocused-image pairs recorded separately on two CCD cameras: application to particle sizing 17481
Lebrun, F., Leray, J.-P., Laurent, P., De Antoni, P., Blondel, C. A CdTe gamma-camera for the space observatory INTEGRAL: software charge-loss corrections 37347
Lebrun, H. *see* Schmitt, J. 13723
Lebrun, J.C. *see* Ben Ammar, F. 51885
Lebrun, L., Petit, L., Briot, R., Gonnard, P. Electromechanical conversion in an ultrasonic motor using a non-axisymmetric (1,1) mode 51058
Lebrun, L. *see* Das, S.R. 42694
Lebrun, L. *see* Petit, L. 19780
Lebrun, M., Richards, C.W. Bond graphs and sign convention for submodel libraries 52508
Lebrun, P. Cryogenic systems for accelerators 32934
Lebrun, P., Szeless, B., Tavian, L., Williams, L.R. Experimental investigation of accidental loss of insulation vacuum in an LHC prototype dipole cryostat 49079
Lebrun, P. *see* Alexeev, G. 59200
Lebrun, P. *see* Auffray, E. 37281
Lebrun, P. *see* Barranco-Luque, M. 49012
Lebrun, P. *see* Benda, V. 49014
Lebrun, P. *see* Bezaguet, A. 49013
Leburton, J.-P. Dissipation and scattering time engineering in quantum devices 54727
Leburton, J.-P., Lyanda-Geller, Yu.-B. Tunable negative differential resistance in anti-dot diffraction field effect transistor 32475
Leburton, J.P. *see* Monnard, R. 33118
Leburton, J.P. *see* Ismail, K. *(editor)* 51995
Lecacheux, A. *see* de Lassus, H. 17017
Lecacheux, A. *see* de Lassus, H. 36304
Lecayon, G. *see* Charlier, J. 30861
Lecce, V.Di *see* Di Lecce, V.
Lecerf, N. *see* Dolo, J.M. 28468
Lechak, J.E., Jones, R.A. Coordinated objective/subjective estimation approach to multitarget tracking 46017
Lechevalier, C., Gerbaud, L., Bigeon, J. Automatic design of discrete time-models of static converters 38891
Lechlein, H., Nimz, G. Connection of small producers into the network 38667
Lechmere, K. Australian DAB trials 36319
Lechner, A. Innovative smart power semiconductors for automotive applications 51815
Lechner, A. *see* Kalachnikov, S.N. 9634
Lechner, A. *see* Wieser, R.S. 29695
Lechner, J. *see* Doll, T. 27719
Lechner, P. *see* Fasoli, L. 59306
Lechner, P. *see* Gauthier, C. 59190
Lechterbeck, M. ATM technology: audio and video signal transmission in the B-ISDN 6270
Lecis, N. *see* Zangari, G. 3144
Leckey, J.G. *see* Baree, A.H. 53668
Lecklider, T. Data compression adds analogue-like display to DSO 27766
Leckner, B. *see* Gierse, M. 29076
Leclerc, C. *see* Masson, C. 60615
Leclerc, M. *see* Romero, D.B. 3643
Leclerc, O. *see* Bigo, S. 47959
Leclerc, S., Subbarayan, G. A design for assembly evaluation methodology for photonic systems 26448
Leclercq, J.L. *see* Viktorovitch, P. 13018
Leclert, A. *see* Berger, M. 58369
Lecocq, D., Lataire, Ph. The indirect-controlled double fed asynchronous motor for variable-speed drives 61138
Lecoeuche, S., Deguillemont, D., Dubus, J.-P. Autoadaptive neural networks applied to industrial characters recognition 35333
Lecoeuche, V., Randoux, S., Segard, B., Zemmouri, J. Dynamics of stimulated Brillouin scattering with feedback 23816
Lecoeuche, V., Segard, B., Zemmouri, J. Modes of destabilization of Brillouin fiber ring lasers 23791
Lecoeuche, V. *see* Zemmouri, J. 23776
Lecoeur, G. *see* Alexeev, G. 59200
Lecoeur-Taibi, I. *see* Calmon, P. 50720
Lecomte, P. *see* Adam, A. 37280
Lecomte, P. *see* Alexeev, G. 59200
Lecomte, R. *see* Bentourkia, M. 49490
Leconte, A., Sevcik, M. Reshaping the IN for multimedia: is there a life after Internet? 47254
Leconte, B. *see* Bernage, P. 23472
Leconte, B. *see* Dianov, E.M. 33029
Leconte, B. *see* Dianov, E.M. 43981
Lecoq, P. *see* Alexeev, G. 59200
Lecoq, P. *see* Auffray, E. 18084
Lecoq, P. *see* Auffray, E. 37281
Lecoq, P. *see* Brock, I.C. 37039
Lecorgne, G. *see* Bellosta, M.-J. 5934
Lecorgne, G. *see* Nicolas, B. 35804
Lecot, C. *see* Michie, C. 17454
Lecours, A. *see* Meunier, M. 17581
Lecourtier, Y. *see* Heutte, L. 5368
Lecourtier, Y. *see* Olivier, C. 5605
Lecourtier, Y. *see* Pereira, P. 5599
Lecoy, G. *see* Delseny, C. 32382
Lecoy, G. *see* Jarrix, S. 32381
Lecoy, P. *see* Michel, L. 17428
LeCoz, C.R. *see* Davis, J.G. 22030
Lecrosnier, D. *see* Zylbersztejn, A. 26901
LeCroy, C.T. *see* Olsen, D.K. 49153
Lecuyer, F. *see* Pierce, S.G. 31028
L'Ecuyer, J., Mouton, A., Legros, A., Selmani, A., Currie, J., Degtorov, S. Applications of selenium-based alloys for digital radiography 37565
L'Ecuyer, P., Yin, G. Rates of convergence for budget dependent stochastic optimization algorithms 30580
Leddy, J. *see* Zook, L.A. 27519
Ledentsov, N.N., Bohrer, J., Bimberg, D., Zaitsev, S.V., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maximov, M.V., Kop'Ev, P.S., Alferov, Zh.I., Kosogov, A.O., Gosele, U., Ruvimov, S.S. 3D arrays of quantum dots for laser applications 24005
Ledentsov, N.N., Shchukin, V.A., Grundmann, M., Kirstaedter, N., Bohrer, J., Schmidt, O., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Kop'ev, P.S., Zaitsev, S.V., Gordeev, N.Yu., Alferov, Z.I., Borovkov, A., Kosogov, A.O.,

Ruvimov, S.S., Werner, P., Gosele, U., Heydenreich, J. Direct formation of vertically coupled quantum dots in Stranski-Krastanow growth 2177
Ledentsov, N.N. *see* Guasch, C. 44217
Ledentsov, N.N. *see* Kop'ev, P.S. 23931
Ledentsov, N.N. *see* Krestnikov, I.L. 42141
Ledentsov, N.N. *see* Krestnikov, I.L. 44464
Ledentsov, N.N. *see* Maksimov, M.V. 44463
Ledentsov, N.N. *see* Ruvimov, S. 22418
Ledentsov, N.N. *see* Shernyakov, Yu.M. 55653
Ledentsov, N.N. *see* Tsatsul'nikov, A.F. 12383
Ledentsov, N.N. *see* Wang, P.D. 12490
Ledentsov, N.N. *see* Zaitsev, S.V. 44520
Ledentsov, N.N. *see* Zhukov, A.E. 44487
Leder, G. *see* Adam, W. 37221
Leder, U. *see* Nowak, H. 49514
Lederer, F. *see* Kobyakov, A. 14269
Lederer, F. *see* Kobyakov, A. 55888
Lederer, F. *see* Malomed, B.A. 55221
Lederer, F. *see* Peschel, T. 44017
Lederer, F. *see* Peschel, U. 13766
Lederer, F. *see* Peschel, U. 55856
Lederer, F. *see* Shipulin, A. 47961
Lederer, P. *see* Trotel, A. 43872
Lederhofer, A., Tovar, E., Alves, M. Using MMS is not always difficult: the case of a shop-floor monitoring application 57858
Ledesma, S. *see* Ahouzi, E. 57334
Ledesma-Garrido, R. *see* Berger, K. 20887
Ledeventec, F. *see* Porte, H. 44078
Ledford, S. *see* Engel, A. 41217
Ledgard, L.J. *see* Wyatt, L.R. 50151
Ledinh Chon Tam *see* Chon Tam Ledinh
Ledjeff-Hey, K., Heinzel, A. Critical issues and future prospects for solid polymer fuel cells 19993
Ledlow, L.L., Jr. *see* Herrick, D.L. 58098
LeDref, O. *see* Azancot, I. 37654
Ledroit, F. *see* Becks, K.H. 59228
Leduc, D. *see* Le Berre, M. 14213
Leduc, J.-P. *see* Mujica, F. 60160
Leduc, M. *see* Surkau, R. 37093
Leduc, R. *see* LaTulipe, D. 32301
Leduc, Y. *see* Hedayat, C.D. 40961
Ledwich, G., Palmer, E. Energy function for power systems with transmission losses 60216
Ledwich, G. *see* Doulai, P. 20571
Ledwich, G. *see* Islam, S.M. 9309
Ledyaev, Yu.S. *see* Clarke, F.H. 52440
Lee, A. *see* Chong, T.C. 12787
Lee, A. *see* McMillian, G. 31309
Lee, A. *see* Smith, R.P. 49321
Lee, A.M. *see* Arai, Y. 37267
Lee, A.M. *see* Arai, Y. 37268
Lee, A.M. *see* de Valk, J.P.J.M.M. 60039
Lee, A.M.Van Der *see* Van Der Lee, A.M.
Lee, A.P., Ciarlo, D.R., Krulevitch, P.A., Lehew, S., Trevino, J., Northrup, M.A. A practical microgripper by fine alignment, eutectic bonding and SMA actuation 19930
Lee, A.P. *see* Krulevitch, P. 13200
Lee, A.S., Norris, P.M. A new optical method for measuring surface temperature at large incident probe angles 36953
Lee, A.S.W., Li, E.H. Effect of interdiffusion of quantum well infrared photodetector 17362
Lee, B. *see* Buckley, E. 12077
Lee, B. *see* Buckley, E. 17659
Lee, B. *see* Gittleman, M.M. 48846
Lee, B. *see* Hye-Sook Park 58842
Lee, B. *see* Lo, T.K. 24571
Lee, B. *see* Quinn, L.J. 10917
Lee, B.-I. *see* Ihn, T.-H. 22872
Lee, B.-Y. *see* Taki, K. 41260
Lee, B.C., Jeong, K.S., Lee, M.H., Shin, K.S., Minamitani, H. A complexity measure of heart rate variability in time domain 59663
Lee, B.C., Mansour, N.S., Sirenko, Yu.M., Kim, K.W., Littlejohn, M.A. Anisotropic hole scattering in hexagonal GaN 41910
Lee, B.G. *see* Kim, K.S. 46599
Lee, B.H., Bae, G.J., Lee, K.W., Cha, G., Kim, W.D., Lee, S.I., Barge, T., Auberton-Herve, A.J., Lamure, J.M. A novel pattern transfer process for bonded SOI giga-bit DRAMs 21661
Lee, B.S., Enjeti, P.N., Pitel, I.J. A new 24-pulse diode rectifier system for AC motor drives provides clean power utility interface with low kVA components 38815
Lee, B.S. *see* Keen, K.M. 56146
Lee, B.T. *see* Kang, C.S. 2905
Lee, B.W., Jeong, H.J., Kim, B.Y., Oh, M.S. Mode-locked fiber laser gyroscope using an anti-reflection coated laser diode 36594
Lee, B.Y. *see* Jeung, K.S. 3834
Lee, B.Y. *see* Park, S.J. 45596
Lee, C., Ammar, M.H., Burns, J.E. An improved leader election protocol in multi-hop radio networks 46779
Lee, C., Eden, M., Unser, M. Near optimal geometric image scaling using oblique projection operators 25447
Lee, C., Ham, Y.M., Kim, S.H., Chun, K. Electron-beam lithography resist profile simulation for highly sensitive resist 42824
Lee, C., Lee, J., Williams, D.B. A secure communication scheme using chaotic signals 45595
Lee, C., Yamamoto, K., Shimokawa, H., Soga, T. The analysis on bridge between leads of quad flat package in reflow soldering on printed circuit boards 10083
Lee, C. *see* Eker, M.M. 11686
Lee, C. *see* Simokawa, H. 10085
Lee, C. *see* Vrhel, M.J. 25071
Lee, C. *see* Vrhel, M.J. 45935
Lee, C. *see* Yamamoto, K. 10078
Lee, C.-D., Jung, S.-K. The implementation of an 8×8 2-D DCT using ROM-based multipliers 46452
Lee, C.-H., Choi, Y.-D., Jeon, G.-N., Yu, S.-C., Ko, S.-K. Epitaxial growth of ZnSe/GaAs(100) by hot wall epitaxy 806
Lee, C.-H. *see* Loe, Y.-C. 42656
Lee, C.-N. *see* An, M.-H. 5114
Lee, C.-R., Son, S.-J., Lee, I.-H., Leem, J.-Y., Noh, S.-K. Growth and characterization of GaN epilayers grown at various flow rates of trimethylgallium during growth of nucleation layers 30792
Lee, C.-W., Park, Y.-J. Open platform for group-working in ODP environments 47358
Lee, C.-W. *see* Lee, S. 36813
Lee, C.-Y., Lin, K.-L. Bonding fracture mechanism between Sn-Pb solder and electroless nickel-alloy deposits 30961
Lee, C.B., Hong, S.H., Park, R.-H. Two-layer video coding using pyramid structure for ATM networks 15600
Lee, C.B., Park, R.-H. Fast motion detection and compensation method based on hybrid mapping parameter estimation and hierarchical structure in object-oriented coding 15617
Lee, C.B. *see* Hwang, H.Y. 37289
Lee, C.C., Jack, C.R., Jr., Grimm, R.C., Rossman, P.J., Felmlee, J.P., Ehman, R.L., Riederer, S.J. Real-time adaptive motion correction in functional MRI 7958
Lee, C.C., Lee, J.W., Chien, D.H., Shih, R. Transient thermal study of laser diodes 55739
Lee, C.C. *see* Chen, Y.-C. 39757
Lee, C.C. *see* Chen Yichia 941
Lee, C.C. *see* Chien, D.H. 32499
Lee, C.C. *see* Shih-Yuan Lin 14653
Lee, C.C. *see* Wen-Tang Chen 277
Lee, C.D., Noh, S.K., Kyu-Seok Lee Quasibound states induced by AlAs monolayers in $In_xGa_{1-x}As/GaAs$ quantum wells 42108
Lee, C.G. *see* Choi, Y.S. 31866
Lee, C.G. *see* Saghir, M.A.R. 1338
Lee, C.H., Allen, S.D. Noncontact single-fiber-optic proximity sensor using a laser-fabricated tap 58814
Lee, C.H. *see* Funk, E.E. 14744
Lee, C.H. *see* Funk, E.E. 58113
Lee, C.H. *see* Hussman, K.L. 37648
Lee, C.H. *see* Jia, W. 57642
Lee, C.H. *see* Park, J.W. 32003
Lee, C.H. *see* Park, S.K. 32711
Lee, C.H. *see* Sheng-Hui Yang 24000
Lee, C.H. *see* Weijia Jia 26104
Lee, C.H. *see* Xiaohua Jia 46629
Lee, C.H. *see* York, B.R. 42795
Lee, C.I., Johnston, A.H., Tang, W.C., Barnes, C.E., Lyke, J. Total dose effects on Microelectromechanical Systems (MEMS): accelerometers 23085
Lee, C.I., Rax, B.G., Johnston, A.H. Total dose hardness assurance techniques for new generation COTS devices 22958
Lee, C.I. *see* Johnston, A.H. 22790
Lee, C.I. *see* Rax, B.G. 23686
Lee, C.J. *see* Lee, S.Y. 25005
Lee, C.J. *see* Li Hong 53354
Lee, C.K., Chung, C.H. Inspection of IC leadframes using an unsupervised neural network 39870
Lee, C.K., Lo, S.H. Automatic adaptive refinement finite element procedure for 3D stress analysis 40263
Lee, C.K. *see* Cheung, W.P. 56909
Lee, C.K. *see* Dixit, G.A. 2442
Lee, C.L. *see* Lai, C.S. 42615
Lee, C.R. *see* Moo, C.S. 39376
Lee, C.R. *see* Moo, C.S. 51826
Lee, C.R. *see* Suh, K.S. 32743
Lee, C.R. *see* Suh, K.S. 54961
Lee, C.S., Choi, C.-H., Choi, J.Y., Kim, Y.K., Choi, S.H. Feature extraction algorithm based on adaptive wavelet packet for surface defect classification 57310
Lee, C.S. *see* Park, J.R. 24608
Lee, C.W., Choi, S.J., Kim, J.J., Kim, H.S., Kim, W.S., Lee, J.D., Lee, J.W. Analysis and removal of polysilicon etch residue 42470
Lee, C.W. *see* Lee, S.Y. 25005
Lee, C.W. *see* Park, J.-I. 5502
Lee, C.W. *see* Seo, B.S. 34798
Lee, C.Y., Chang, S.G. Balancing loads on SONET rings with integer demand splitting 36077
Lee, D., Ramakrishnan, K.K., Moh, W.M., Shankar, A.U. Protocol specification using parameterized communicating extended finite state machines–a case study of the ATM ABR rate control scheme 57593
Lee, D., Yannakakis, M. Optimization problems from feature testing of communication protocols 57655
Lee, D. *see* Byun, D. 31843
Lee, D. *see* Chee, S. 14796
Lee, D. *see* Goh, S.-C. 45598
Lee, D. *see* Lee, W.C.Y. 26580
Lee, D.-Y. *see* Kim, H.-J. 22639
Lee, D.A. *see* Johnson, S.C. 60006
Lee, D.C. *see* Urashima, K. 38105
Lee, D.H., Moss, R.W., Vuong, K.D., Dietrich, M., Condrate, R.A., Sr., Wang, X.W. Transparent-conductive indium tin oxide films fabricated by atmospheric r.f. plasma deposition technique 40538
Lee, D.H., Yeom, K.H., Cho, M.H., Kang, N.S., Shim, T.E. Gate oxide integrity (GOI) of MOS transistors with W/TiN stacked gate 2809
Lee, D.H.T. *see* Lin, J.C.H. 1406
Lee, D.J., Roggemann, M.C., Welsh, B.M. Using wavefront sensor information in image post-processing to improve the resolution of telescopes with small aberrations 46160
Lee, D.J., Un, C.K., Kim, B.C., Ryu, S.M., Park, Y.W., Kang, K.H. An improved soft handover initiation algorithm in microcellular environment 47655
Lee, D.M., Armijo, V., Atencio, L., Brooks, M.L., Clark, D., Chen, Z., Dinesh, B.V., Fields, D.E., Kinnison, W.W., Hart, G., Matousek, H., Morris, C., Murray, M.M., Sondheim, W., Wang, Y., Wang, Z. Large CSC chamber for the PHENIX muon detector with ultra thin cathode foils 59268
Lee, D.M. *see* Brooks, M.L. 59300
Lee, D.M. *see* Fields, D.E. 59301
Lee, D.M. *see* Morris, C.L. 946
Lee, D.N. Texture and related phenomena of copper electrodeposits 42750
Lee, D.R. *see* Lucovsky, G. 881
Lee, D.R. *see* Lucovsky, G. 54285
Lee, D.S. *see* Tusting, R.F. 49998
Lee, D.T. New opportunities in digital imaging systems 52027
Lee, D.W. *see* Park, S.T. 49313
Lee, D.Y., Cho, B.H. Design of an input filter for power factor correction (PFC) AC to DC converters employing an active ripple cancellation 19866
Lee, D.Y. *see* Fry, G.E. 47541
Lee, D.Y. *see* Honcharenko, W. 26383
Lee, D.Y. *see* Na, N.J. 29004
Lee, D.Y. *see* Zysman, G.I. 16435
Lee, E. The Oakland University entry in the 1995 International Aerial Robotics Competition 59920
Lee, E., Kiely, R., Crimmins, J. Air Traffic Services Interfacility Data Communications System (AIDCS) 49975
Lee, E. *see* Alesi, C. 26056
Lee, E. *see* Alesi, C. 46818
Lee, E. *see* Barletta, W. 7698
Lee, E. *see* Hahn, K. 59156
Lee, E. *see* Stroud, C. 31273
Lee, E. *see* Stroud, C. 41035
Lee, E.-H. *see* Chu, H.Y. 41450
Lee, E.-H. *see* Kim, S.-B. 30814
Lee, E.-H. *see* Kwon, O.K. 13703
Lee, E.A. *see* Bhattacharyya, S.S. 45886
Lee, E.A. *see* Chiang, K.H. 9917
Lee, E.A. *see* Kalavade, A. 31056
Lee, E.A. *see* Murthy, P.K. 25213
Lee, E.A. *see* Parks, T.M. 4803
Lee, E.A. *see* Pino, J.L. 4799
Lee, E.A. *see* Wan-Teh Chang 45805
Lee, E.H. *see* Lee, H.K. 16688
Lee, E.J., Bitner, T.W., Hall, A.P., Sailor, M.J. Photoinduced surface reactions of reverse-biased n-type porous Si 54549
Lee, E.K.F. Reconfigurable analog integrated circuit architecture based on switched-capacitor techniques 21832
Lee, E.P. *see* Herrmannsfeldt, W.B. 59121
Lee, E.P. *see* Kwan, J.W. 59106
Lee, E.S. *see* Cheng-Chuang Hon 30452
Lee, E.S. *see* Prisyazhnyi, V.D. 9487
Lee, E.S. *see* Shiratori, N. 47003
Lee, E.Y. *see* Rubin, M.E. 22345
Lee, E.Y. *see* Sirringhaus, H. 32072
Lee, F., Doan, N., Liu, L. Fast failure analysis and yield enhancement: an integrated approach 52293
Lee, F.C. *see* Cosan, M. 29417
Lee, F.C. *see* Gholdston, E.W. 18714
Lee, F.C. *see* Hengchun Mao 38827
Lee, F.C. *see* Katsis, D.C. 29842
Lee, F.C. *see* Kunrong Wang 60854
Lee, F.C. *see* Qing Chen 1130
Lee, F.C. *see* Reiley, T.C. 3212
Lee, F.C. *see* Skutt, G. 23381
Lee, F.C. *see* Zvonar, G.A. 19933
Lee, F.H. *see* Jianming Chen 28837
Lee, F.N. *see* Douglas, A.P. 28852
Lee, F.N. *see* Jia-Yo Chiang 28836
Lee, F.N. *see* Jia-Yo Chiang 28853
Lee, F.N. *see* Spens, W.Y. 60302
Lee, F.N. *see* Zuwei Yu 19102
Lee, G., Mostafavi, M. Design of a base station antenna with a sharp roll-off sector pattern 34451
Lee, G. *see* Park, Y.-K. 25857
Lee, G.B. *see* Kim, M.R. 179
Lee, G.G. *see* Chen, C.H. 8040
Lee, G.L. *see* Oakes, I.K. 52123
Lee, G.S. *see* Ko, I.S. 37111
Lee, G.S. *see* Yang, S.M. 52866
Lee, H., Harris, J.S., Jr. Vapor phase epitaxy of GaN using $GaCl_3/N_2$ and NH_3/N_2 30789
Lee, H., Kim, J., Ohk, Y., Lee, K. An efficient VLSI architecture for block matching motion estimation 15641

Lee, H., Sinclair, R., Li, P., Roberts, B. The failure mechanism of MOCVD TiN diffusion barrier at high temperature 42278
Lee, H. *see* Chang, M. 16884
Lee, H. *see* Douglas, B.L. 50186
Lee, H. *see* Kent, S.D. 18953
Lee, H. *see* Mueller, G.O. 13857
Lee, H. *see* Shi, Y. 32002
Lee, H. *see* Ueda, T. 21306
Lee, H. *see* Yuri, M. 21307
Lee, H.-G. *see* Hong, S.-K. 30815
Lee, H.-G. *see* Roh, D.-W. 2719
Lee, H.-S. *see* Paul, S.A. 17540
Lee, H.-T. *see* Chen, S.-A. 33301
Lee, H.-Y. *see* Hong, J.-K. 53527
Lee, H.B. *see* Doo, S.G. 61054
Lee, H.C., Kyung, C.M. Bypassing omega network for high speed packet switching 16032
Lee, H.C., Kyung, C.M. Spread Omega Network for high-speed packet switching 35424
Lee, H.C. *see* Chui, H.C. 52786
Lee, H.C. *see* Enke, D. 14960
Lee, H.C. *see* Fan, L. 33175
Lee, H.C. *see* Fan, L. 44142
Lee, H.C. *see* Fan, L. 55477
Lee, H.C. *see* Jung, J.W. 42437
Lee, H.C. *see* Lee, S.-H. 1410
Lee, H.G. *see* Jang, S.M. 9275
Lee, H.H. *see* Liu, B.H. 51621
Lee, H.H. *see* Suh, K.Y. 756
Lee, H.J., Choi, J.H., Hwang, B.K., Goo, J.S., Fujihara, K., Chung, U.I., Kim, K.H., Lee, S.I., Lee, M.Y. Application of HSQ (hydrogen silsesquioxane) based SOG to pre-metal dielectric planarization in STC (stacked capacitor) DRAM 1355
Lee, H.J., Yoo, Y.J., Park, H.W. Digital halftoning algorithm using visual-optimized binary patterns 56789
Lee, H.J. *see* Alegria, C.A. 16432
Lee, H.J. *see* Jeon, H.I. 32028
Lee, H.J. *see* Johnson, C.R., Jr. 6488
Lee, H.J. *see* Keunjoo Kim 54439
Lee, H.J. *see* Kim, J.-H. 12705
Lee, H.J. *see* Lee, M.H. 4062
Lee, H.J. *see* Yun, J.H. 4285
Lee, H.K., Kim, K.H., Ahn, J.T., Jeon, M.-Y., Lee, E.H. All-optical format conversion from NRZ to RZ signals using a walk-off balanced nonlinear fibre loop mirror 16688
Lee, H.P. *see* Thompson, P. 40390
Lee, H.P. *see* Zhou, J.J. 736
Lee, H.S., Matsumoto, H., Shintake, T. Preliminary design of constant-gradient accelerating structure with choke-mode cavity 37096
Lee, H.S., Yang, S.H., Kwon, B.K., Park, J.D., Park, S.J., Cho, H., Moon, H.S., Kim, J.B. Atomic trapping in a two-dimensional magneto-optical trap 27213
Lee, H.S. *see* Geng, L. 36714
Lee, H.S. *see* Ko, I.S. 37017
Lee, H.S. *see* Lee, Y.K. 14973
Lee, H.S. *see* Moon, H.S. 3931
Lee, H.T. *see* Son, J.W. 5712
Lee, H.W. *see* Kim, C.E. 23171
Lee, H.W. *see* Lee, S.H. 15798
Lee, H.W.H. *see* Goodwin, T.J. 2023
Lee, H.Y., Oh, S.M. Origin of cathodic degradation and new phase formation at the $La_{0.9}Sr_{0.1}MnO_3$/YSZ interface 29606
Lee, H.Y. *see* Chung, C.Y. 19522
Lee, I., Cioffi, J.M. Equalized maximum likelihood receiver with a unit energy constraint 32862
Lee, I. *see* Clarke, D. 36433
Lee, I.-H. *see* Kim, S.-M. 21974
Lee, I.-H. *see* Lee, C.-R. 30792
Lee, I.-M. *see* Wei-Chung Wang 40427
Lee, I.-W., Cho, K.-S., Kim, S.-H., Kim, H.-Y., Lim, S.-K. Performance analysis of mobile exchange control network with computer simulation 47704
Lee, I.-Y.S. *see* Perry, J.W. 14408
Lee, J. Strategy and challenges on remote diagnostics and maintenance for manufacturing equipment 52189
Lee, J., Beach, C.D., Tepedelenlioglu, N. Channel equalization using radial basis function network 16019
Lee, J., Kim, W., Kim, M., Ihn, B., Shin, J., Yoon, K., Suh, Y., Kim, B. X-band AlGaAs-GaAs power HBTs 1711
Lee, J., Tafazolli, R., Evans, B.G. Erlang capacity of OC-CDMA with imperfect power control 35996
Lee, J., Tanaka, T., Uchiyama, S., Tsuchiya, M., Kamiya, T. Broadband double-layer antireflection coatings for semiconductor laser amplifiers 33208
Lee, J. *see* Johnston, W. 26194
Lee, J. *see* Lee, C. 45595
Lee, J. *see* Lee, T. 10098
Lee, J. *see* Lee, Y. 56630
Lee, J. *see* Park, B.H. 43483
Lee, J. *see* Rhee, Y. 57114
Lee, J. *see* Shim, C. 46751
Lee, J. *see* Shim, C. 46751
Lee, J. *see* Wang, D. 54381
Lee, J. *see* Zhang, Y. 32229
Lee, J.-A. *see* Dorenbosch, J. 44992
Lee, J.-B., Eleftheriadis, A. Motion adaptive model-assisted compatible coding with spatio-temporal scalability 56870
Lee, J.-B., Kim, S.-D. A selective coding method based on global/local motion information 46264
Lee, J.-G. Study of measured AC susceptibility of current-carrying {100} whiskers as a functions of external fields 13416
Lee, J.-G., Kim, J.-H., Shin, H.-K., Park, S.-J., Yun, S.-J., Kim, G.-H. Comparison of TiN films produced by TDEAT ($Ti[N(C_2H_5)_2]_4$), TDMAT ($Ti[N(CH_3)_2]_4$), and a new precursor TEMAT ($Ti[N(CH_3)C_2H_5]_4$) 42260
Lee, J.-H., Byun, K.-R., Hwang, H.-J. A study on the three-dimensional simulation for high concentration impurity diffusion process 2327
Lee, J.-H., Choi, Y.-S., Jang, O.-B. Gradual cut detection using low-level vision for digital video 15652
Lee, J.-H., Jung, T.-C. Linear-phase quadrature mirror filters with coefficients −1, 0 and +1 56440
Lee, J.-H., Ku, S.-Y. Minimax design of recursive digital filters with a lattice denominator 11581
Lee, J.-H., Son, M.-S., Hwang, H.-J. Three-dimensional oxidation simulation with elasto-viscoplastic model 42608
Lee, J.-H. *see* Bae, Y.-H. 42298
Lee, J.-H. *see* Chung, K.-W. 41426
Lee, J.-H. *see* Kim, S.-Y. 24579
Lee, J.-H. *see* Lee, J.-W. 43682
Lee, J.-H. *see* Son, M.-S. 54345
Lee, J.-J. *see* Hong, S.-K. 30815
Lee, J.-J. *see* Roh, D.-W. 2719
Lee, J.-K. *see* Song, K. 13246
Lee, J.-L. *see* Kang, M.-G. 42438
Lee, J.-L. *see* Kwak, J.S. 42262
Lee, J.-L. *see* Kwak, J.S. 42285
Lee, J.-R., Chiang, Y.-M., Ceder, G. Pressure-thermodynamic study of grain boundaries: Bi segregation in ZnO 41912
Lee, J.-S. *see* Kim, M.-B. 18258
Lee, J.-S. *see* Meguro, T. 52699
Lee, J.-U. *see* Lee, S.G. 2517
Lee, J.-W., Kim, S.H., Park, Y.S., Shinn, M.N., Kang, D.H., Yoon, S.Y., Kim, D.S., Park, T.S., Ha, S.H., Lee, J.-H., Kim, S.-J. Effect of diamond-like carbon overcoats on VCR performance 43682
Lee, J.-W., Kim, S.H., Park, Y.S., Shinn, M.N., Kang, D.H., Yoon, S.Y., Kim, D.S., Park, T.S., Ha, S.H., Lee, J.H., Kim, S.J. Retardation of the onset time for signal dropout arising from wear debris using diamond-like carbon overcoats on the VCR head 32859
Lee, J.-W., Schremer, A.T., Fekete, D., Ballantyne, J.M. GaInP/GaP partially ordered layer type-I strained quantum well 22333
Lee, J.-Y. *see* Cho, J.-H. 11266
Lee, J.A.C., Arikan, O., Munson, D.C., Jr. Formulation of a general imaging algorithm for high-resolution synthetic aperture radar 26965
Lee, J.C. *see* Bo Jiang 3002
Lee, J.C. *see* Chowdhury, P. 22520
Lee, J.C. *see* Chuan Lin 12726
Lee, J.C. *see* Chuan Lin 43059
Lee, J.C. *see* Kim, H.S. 56869
Lee, J.C. *see* Kumar, K. 22581
Lee, J.C. *see* Tung-Sheng Chen 41539
Lee, J.C.-M. *see* Jian-Feng Liu 5574
Lee, J.C.M. *see* Sudhir, G. 46461
Lee, J.D. *see* Bagchi, S. 22528
Lee, J.D. *see* Bagchi, S. 42295
Lee, J.D. *see* Lee, C.W. 42470
Lee, J.Dong *see* Dong Lee, J.
Lee, J.G., Jung, Y.Y., Choi, D.K., Park, B., Woo, H.S., Kim, Y., Ha, C.S., Kim, Y.S., Kim, Y.R. Organic light emitting diodes with blended structures using polymer dispersed dyes 23695
Lee, J.G. *see* Lee, J.Y. 41167
Lee, J.H., Kim, H., Kim, B.K. Limiting current characteristics with regard to oxygen and carbon monoxide in oxidizing and reducing atmospheres 27756
Lee, J.H., Kim, K.Y., Han, J.H., Ko, H.S. Square root information filter treatment of dynamic model with kinematic constraint 34825
Lee, J.H., Son, M.S., Yun, C.S., Kim, K.H., Hwang, H.J. Elasto-viscoplastic modeling for three-dimensional oxidation process simulation 12743
Lee, J.H. *see* Hong, J.P. 45419
Lee, J.H. *see* Jae-Tae Seo 44411
Lee, J.H. *see* Kang, H.Y. 2495
Lee, J.H. *see* Kim, B.K. 27755
Lee, J.H. *see* Kim, J.Y. 6485
Lee, J.H. *see* Kim, J.Y. 36058
Lee, J.H. *see* Lee, J.-W. 32859
Lee, J.H. *see* Seo, B.S. 34798
Lee, J.I., Cho, U.H., Yun, L.H., Hong, J.P., Park, J.T., Cho, Y.K., Son, H. Off-Bragg blazing of strip grating over a grounded dielectric slab 45055
Lee, J.I., Cho, Y.K. Electromagnetic scattering of a Gaussian beam wave from finite periodic slots in a parallel-plate waveguide 56097
Lee, J.I. *see* Cho, Y.K. 4243
Lee, J.I. *see* Hong, J.P. 45419
Lee, J.J. SONET ATM VP self-healing rings: benefits over SONET rings and standardization activity in the US 26182
Lee, J.J., Kwi-Yung Jung An algorithm for determining the feasibility of SONET/ATM rings in broadband networks 48017
Lee, J.J., Valentine, G.W. Multibeam array using Rotman lens and RF heterodyne 34455
Lee, J.J., Yang, W.S., Jung Ho Je Enhanced nucleation density of chemical vapor deposition diamonds by using interlayer 52780
Lee, J.J. *see* Loo, R.Y. 58456
Lee, J.J. *see* Tran, A.T.T.D. 43371
Lee, J.J. *see* Tran, A.T.T.D. 58746
Lee, J.K. *see* Liu Shenggang 56098
Lee, J.K.P. *see* Dai, M. 23681
Lee, J.L., Browning, G.L., Xie, Y.F. Estimating divergence and vorticity from the wind profiler network hourly wind measurements 18819
Lee, J.M., Chun, M.K., Nam, C.H. Diode-pumped femtosecond Nd:glass fiber laser started with a moving mirror 55516
Lee, J.M. *see* Toksoz, N.M. 29128
Lee, J.P.Y. Wideband I/Q demodulators: measurement technique and matching characteristics 7546
Lee, J.R. Modeling, analysis and verification of a partial shunt system 18668
Lee, J.S., De Grandi, G., Grunes, M.R., Nezry, E. Polarimetric signature preservation in SAR speckle filtering 6891
Lee, J.S., Lee, S.U. Model-based hierarchical motion compensation technique 15616
Lee, J.S., Park, J.W., Kim, E.T., Won, C.S., Shin, J., Kim, J.K. Improved stop-and-go algorithm using the change of the gradient in stop-regions 26511
Lee, J.S. *see* Knowlton, W.B. 42415
Lee, J.S. *see* Schuler, D.L. 8372
Lee, J.S. *see* Wang, W.N. 10832
Lee, J.T.-C. *see* Maynard, H.L. 42573
Lee, J.T.C., Blayo, N., Tepermeister, I., Klemens, F.P., Mansfield, W.M., Ibbotson, D.E. Plasma etching process development using in situ optical emission and ellipsometry 2335
Lee, J.T.C., Layadi, N., Guinn, K.V., Maynard, H.L., Klemens, F.P., Ibbotson, D.E., Tepermeister, I., Egan, P.O., Richardson, R.A. Comparison of advanced plasma sources for etching applications. V. Polysilicon etching rate, uniformity, profile control, and properties in a helical resonator plasma source 54392
Lee, J.T.C. *see* Labelle, C.B. 54438
Lee, J.U. *see* Kim, J.S. 19811
Lee, J.W., Hong, J., Abermathy, C.R., Lambers, E.S., Pearton, S.J., Hobson, W.S., Ren, F. Cl_2/Ar plasma etching of binary, ternary, and quaternary In-based compound semiconductors 54437
Lee, J.W., Hong, J., MacKenzie, J.D., Abernathy, C.R., Pearton, S.J., Ren, F., Sciortino, P.F., Jr. Formation of dry etched gratings in GaN and InGaN 54459
Lee, J.W., Pearton, S.J., Santana, C.J., Lambers, E.S., Abernathy, C.R., Hobson, W.S., Ren, F. Dry etching of InGaP and AlInP in CH_4-H_2-Ar 22592
Lee, J.W., Pearton, S.J., Stradtmann, R.R., Abernathy, C.R., Hobson, W.S., Ren, F. Damage introduction in InGaP and AlGaAs by electron cyclotron resonance Ar plasmas 22587
Lee, J.W., Vartuli, C.B., Abernathy, C.R., MacKenzie, J.D., Mileham, J.R., Pearton, S.J., Shul, R.J., Zolper, J.C., Hagerott-Crawford, M., Zavada, J.M., Wilson, R.G., Schwartz, R.N. Etching processes for fabrication of GaN/InGaN/AlN microdisk laser structures 23942
Lee, J.W. *see* Abernathy, C.R. 12672
Lee, J.W. *see* Constantine, C. 22593
Lee, J.W. *see* Durbha, A. 12536
Lee, J.W. *see* Durbha, A. 54258
Lee, J.W. *see* Hong, J. 12738
Lee, J.W. *see* Hong, J. 12762
Lee, J.W. *see* Hong, J. 22590
Lee, J.W. *see* Hong, J. 32187
Lee, J.W. *see* Lee, C.C. 55739
Lee, J.W. *see* Lee, C.W. 42470
Lee, J.W. *see* Lee, K.N. 42519
Lee, J.W. *see* Mileham, J.R. 42517
Lee, J.W. *see* Pearton, S.J. 22262
Lee, J.W. *see* Pearton, S.J. 22591
Lee, J.W. *see* Ren, F. 22589
Lee, J.W. *see* Vartuli, C.B. 12764
Lee, J.W. *see* Vartuli, C.B. 42576
Lee, J.Y., Kim, K.N., Shin, Y.C., Lee, K.H., Kim, J.S., Kim, D.H., Park, J.W., Lee, J.G. Simultaneously formed storage node contact and metal contact cell (SSMC) for 1 Gb DRAM and beyond 41167
Lee, J.Y. *see* Chung, B. 53917
Lee, J.Y. *see* Gao, J. 33302
Lee, J.Y. *see* Kim, J.H. 54057
Lee, J.Y. *see* Kim, T.W. 40312
Lee, J.Y. *see* Kim, T.W. 41905
Lee, J.Y. *see* Liu, B.H. 51621
Lee, J.Y. *see* Son, J.W. 5712
Lee, J.Y.-M. *see* Jia-Lin Chen 23255
Lee, K. Integration of aviation lighting system and computer controlled monitoring system 29873
Lee, K. *see* Kim, H. 38134
Lee, K. *see* Lee, H. 15641
Lee, K. *see* Li, J. 30365
Lee, K. *see* Li, S. 20880
Lee, K. *see* Tegethoff, M.M.V. 41579
Lee, K.-B. *see* Kang, B.-I. 43226
Lee, K.-C., Kim, C.-H., Yoo, D.-Y., Sim, J.-H., Lee, S.-B., Moon, B.-S., Kim, K.-Y., Kim, N.-J., Yoo, S.-M., Yoo, J.-H., Cho, S.-I. Low voltage high speed circuit designs for giga-bit DRAMs 1396
Lee, K.-I. *see* Lee, S.G. 2517
Lee, K.-J., Chen, J.C. Regrowth of high-quality AlGaAs and AlGaInP layers and quantum well

structures on Se-doped AlGaAs by MOVPE 52666
Lee, K.-S. *see* Oh, H.-K. 2528
Lee, K.-W., Viehbeck, A., Walker, G.F., Cohen, S., Zucco, P., Chen, R., Ree, M. Adhesion of poly(arylene ether benzimidazole) to copper and polyimides [MCM packaging technology] 187
Lee, K.B. *see* Keunjoo Kim 54439
Lee, K.D., Kim, C.Y., Chung, J.W. Evidence of substrate metallization by Li adsorption on the Si(001) surface 12825
Lee, K.F., Luk, K.M., Tong, K.F., Yung, Y.L., Huynj, T. Experimental study of the rectangular patch with a U-shaped slot 34356
Lee, K.F. *see* Ching-Yue Wang 55551
Lee, K.H., Choi, K.Y., Kim, J.G., Vansteenkiste, G.C. A methodology for variable structure system specification: formalism, framework, and its application to ATM-based network system 46557
Lee, K.H., Itoh, Y., Kanazawa, I., Ohshima, N., Nakajou, T., Ito, Y. Practical usage of a W moderator for slow positron beam production 7752
Lee, K.H., Laxpati, S.R. FDTD analysis of an infinite array of microstrip patches 34430
Lee, K.H. *see* Choi, K.Y. 35453
Lee, K.H. *see* Chow, K.P. 26059
Lee, K.H. *see* Itoh, Y. 37166
Lee, K.H. *see* Kim, D.H. 2491
Lee, K.H. *see* Kizilyalli, I.C. 32380
Lee, K.H. *see* Lee, J.Y. 41167
Lee, K.H. *see* Park, J.H. 22689
Lee, K.K., Bicknell-Tassius, R., Dagnall, G., Brown, A., May, G. Statistical experimental design for MBE process characterization 21302
Lee, K.K., Chanson, S.T. Transient analysis of cell loss control mechanisms in ATM networks 46634
Lee, K.K. *see* Wee, A.T.S. 2449
Lee, K.L. *see* Hu, C.-K. 42743
Lee, K.L. *see* Hu, C.-K. 42754
Lee, K.N., Lee, J.W., Abernathy, C.R., Pearton, S.J., Hobson, W.S., Ren, F. Electrical and optical changes in AlGaAs and InGaP during dielectric etching in ECR SF_6 plasmas 42519
Lee, K.R. *see* Chung, B. 53917
Lee, K.R. *see* Lee, S. 53918
Lee, K.S., Seah, K.H.W., Lim, A.S. On-line tool failure detection 357
Lee, K.S. *see* Jang, J.H. 36133
Lee, K.S. *see* Kang, W.S. 27642
Lee, K.W. *see* Lee, B.H. 21661
Lee, K.Y., Fang, Y.K., Chen, C.W., Hwang, K.C., Liang, M.S., Wuu, S.G. To suppress UV damage on the subthreshold characteristic of TFT during hydrogenation for high density TFT SRAM 21658
Lee, K.Y., Koester, S.J., Ismail, K., Chu, J.O. Electrical characterization of $Si/Si_{0.7}Ge_{0.3}$ quantum well wires fabricated by low damage CF_4 reactive ion etching 42147
Lee, K.Y. *see* Bartos, R. 5865
Lee, K.Y. *see* Chang, T.H.P. 22673
Lee, K.Y. *see* Chang, T.H.P. 54555
Lee, K.Y. *see* Koester, S.J. 2208
Lee, K.Y. *see* Kratschmer, E. 24367
Lee, K.Y. *see* LaBlanca, N.C. 43380
Lee, K.Y. *see* Lee, S.Y. 25005
Lee, K.Y. *see* Liu, B.H. 51621
Lee, K.Y. *see* Shaw, T.M. 42772
Lee, K.Y. *see* Tanenbaum, D.M. 22701
Lee, K.Y. *see* Wang, P.-C. 42739
Lee, K.Y. *see* Yangping Zhao 38471
Lee, K.Y. *see* Young-Moon Park 50383
Lee, L. *see* Schubert, J. 32943
Lee, L.-S. *see* Chuang, C.-H. 4432
Lee, L.H. *see* Jeffery, A. 17147
Lee, L.H. *see* Jeffery, A. 27777
Lee, L.H.C. *see* Skellern, D.J. 35688
Lee, L.K. *see* Kirchner, R.F. 38487
Lee, L.K. *see* Yang, H.C. 41279
Lee, L.P. *see* Yen, W.C. 55553
Lee, M. Influence of machine model ESD stress on the failure thresholds of CMOS protection circuit elements 2828
Lee, M., Kim, Y.M. 10 GHz ultra-high speed GaAs decision circuit design 53205
Lee, M. *see* Goli, A. 11393
Lee, M. *see* Khoo, I.C. 3399
Lee, M. *see* Khoo, I.C. 4023
Lee, M. *see* Liu, A.Y. 33741
Lee, M. *see* McDaniel, E.B. 43762
Lee, M. *see* Vendier, O. 26802
Lee, M. *see* Wood, M.V. 23599
Lee, M.B. *see* Koinuma, H. 10787
Lee, M.C., Shum, P., Ghafouri-Shiraz, H. Study of soliton propagation in distributed fiber amplifier systems 33047
Lee, M.C. *see* Adjeroh, D.A. 46163
Lee, M.C. *see* Khan, U.A. 28888
Lee, M.G. *see* Peters, M. 309
Lee, M.G. *see* Peters, M. 1740
Lee, M.G. *see* Peters, N. 53847
Lee, M.H., Lee, H.J., Han, S.G., Kim, H.-Y., Won, Y.H. Photo-oxidation in the photobleaching process of a non-linear optical polymer 4062
Lee, M.H., Ngan, K.N., Crebbin, G.A. Rate-distortion analysis for vector quantization based on a variable block-size classification model 57349
Lee, M.H. *see* Aulchenko, V.M. 37247
Lee, M.H. *see* Kweon, H.J. 59665
Lee, M.H. *see* Lee, B.C. 59663
Lee, M.H. *see* Ohshima, Y. 18083
Lee, M.H. *see* Roh, Y.R. 13381
Lee, M.J. *see* Xie, Y. 6283
Lee, M.K. *see* Hu, C.C. 32158
Lee, M.S.L. *see* Redman-White, W. 13144
Lee, M.S.L. *see* Tenbroek, B.M. 12920
Lee, M.S.L. *see* Tenbroek, B.M. 13119
Lee, M.S.L. *see* Tenbroek, B.M. 13150
Lee, M.T.-C. *see* Shi-Yu Huang 13122
Lee, M.T.-C. *see* Su, A. 1084
Lee, M.van der *see* van der Lee, M.
Lee, M.Y., Wong, M.K., Tang, F.T. Using biofeedback for standing-steadiness, weight-bearing training 18485
Lee, M.Y., Wong, M.K., Tang, F.T., Chang, W.H., Chiou, W.K. Design and assessment of an adaptive intermittent cervical traction modality with EMG biofeedback 18491
Lee, M.Y. *see* Chi, K.K. 54470
Lee, M.Y. *see* Hwang, C.G. 1386
Lee, M.Y. *see* Kang, C.S. 2905
Lee, M.Y. *see* Kim, S.E. 41173
Lee, M.Y. *see* Lee, H.J. 1355
Lee, M.Y. *see* Shibkov, A. 12722
Lee, N., Huynh, Q., Schwartz, S. New method of linear time-frequency analysis for signal detection 34901
Lee, N.-C. *see* Bao, X. 22064
Lee, N.C. *see* Raj, R.B. 52266
Lee, O. *see* Kwentus, A. 31378
Lee, O. *see* Yao Wang 15475
Lee, O. *see* Yao Wang 15691
Lee, O.-K., Benford, S. An explorative model for federated trading in distributed computing environments 6162
Lee, P. An FPGA prototype for a multiplierless FIR filter built using the Logarithmic Number System 11582
Lee, P., Liu, G.-S. An efficient algorithm for the 2-D discrete cosine transform 25010
Lee, P. *see* Lee, S. 59348
Lee, P.-C. *see* Lehmann, G. 20901
Lee, P.B. *see* Huang, J.C.A. 30824
Lee, P.C.Y., Wang, J. Frequency-temperature relations of thickness-shear and flexural vibrations of contoured quartz resonators 13355
Lee, P.C.Y., Yu, J.D. Governing equations of piezoelectric plates with graded properties across the thickness 13252
Lee, P.C.Y. *see* Aksay, I.A. 2997
Lee, P.H.Y., Barter, J.D., Beach, K.L., Lake, B.M., Rungaldier, H., Shelton, J.C., Thompson, H.R., Jr., Yee, R. Dependence of polarimetric Doppler spectra on breaking-wave energy 18885
Lee, P.H.Y., Barter, J.D., Beach, K.L., Lake, B.M., Rungaldier, H., Shelton, J.C., Thompson, H.R., Jr., Yee, R. Depolarization in microwave scatterometry 18889
Lee, P.H.Y. *see* Farina, A. 6923
Lee, P.K. *see* Herrick, D.L. 58098
Lee, P.S. *see* Heinrich, S.M. 10063
Lee, P.S. *see* Heinrich, S.M. 30236
Lee, P.S. *see* Liang, J. 324
Lee, P.S. *see* Nigro, N.J. 11876
Lee, P.S. *see* Nigro, N.J. 30247
Lee, P.S.N. The development of cable television in Australia: a tripartite model of interactions 48241
Lee, Q. *see* Agarwal, B. 53590
Lee, R., McMahan, L. Mapping of application software to the multimedia instructions of general-purpose microprocessors 41244
Lee, R. *see* Choi-Grogan, Y.S. 14561
Lee, R. *see* Creech, G.L. 1073
Lee, R. *see* Jin-Fa Lee 45016
Lee, R. *see* Jo-Yu Wu 24435
Lee, R. *see* Koscielniak, S. 49094
Lee, R. *see* McParland, B.J. 7974
Lee, R. *see* Nehrbass, J. 33926
Lee, R. *see* O'Brien, J. 14105
Lee, R. *see* Ping Wah Wong 46375
Lee, R. *see* Tsang, C. 43675
Lee, R. *see* Yu, A. 46373
Lee, R.B. *see* Geraghty, D.F. 44696
Lee, R.C. *see* Capelli-Schellpfeffer, M. 39682
Lee, R.C.-K., Kschischang, F.R. Non-minimal trellises for linear block codes 4511
Lee, R.G. *see* Simone, R.N. 34437
Lee, R.J. *see* Hook, T.G. 38521
Lee, R.Q., Simons, R.N. Effect of curvature on tapered slot antennas 34228
Lee, R.Q. *see* Walcher, D.A. 14749
Lee, R.Q. *see* Walcher, D.A. 34469
Lee, S. Forward transit time measurement for heterojunction bipolar transistors using simple Z parameter equation 2597
Lee, S., Chee, S., Park, S., Park, S. Conditional correlation attack on nonlinear filter generators 4573
Lee, S., Chung, B., Ko, T.Y., Cho, H., Jeon, D., Lee, K.R., Yun, C.E. Field emission from pure and nitrogen-incorporated diamond-like-carbon films 53918
Lee, S., Hariyama, M., Kameyama, M. High-performance VLSI architecture for three-dimensional instrumentation based on a new concurrent memory-access scheme 57214
Lee, S., Lakshmanan, S., Ro, S., Park, J.-O., Lee, C.-W. Optimal 3D viewing with adaptive stereo displays for advanced telemanipulation 36813
Lee, S., Yu, H.K., Kim, C.S., Koo, J.G., Nam, K.S. A novel approach to extracting small-signal model parameters of silicon MOSFET's 31498
Lee, S., Zhang, G.X., Gribkov, V.A., Feng, X., Dubrovsky, A.V., Springham, S.V., Liu, M.H., Selvam, C., Lee, P., Serban, A., Wong, T.K.S., Wira, K. A repetitive compact plasma soft X-ray source 59348
Lee, S. *see* Chee, S. 14796
Lee, S. *see* Chung, B. 53917
Lee, S. *see* Doss, M. 59941
Lee, S. *see* Feng, X. 45171
Lee, S. *see* Flynn, E.G. 52282
Lee, S. *see* Goh, S.-C. 45598
Lee, S. *see* Kim, H. 38134
Lee, S. *see* Kuo, Y.-K. 3763
Lee, S. *see* Sathyamurthy, P. 266
Lee, S. *see* Shim, C. 46751
Lee, S. *see* Soohwan Ong 1503
Lee, S. *see* Teertstra, P. 30304
Lee, S.-B. *see* Ham, S.-J. 11011
Lee, S.-B. *see* Lee, K.-C. 1396
Lee, S.-C. *see* Lin, H.-T. 42657
Lee, S.-D. *see* Hwu, Y. 13478
Lee, S.-D. *see* Yoon, J.-S. 23010
Lee, S.-F. *see* Fert, A. 43659
Lee, S.-H., Chae, H.-B., Yi, S.-Y., Kim, E.-S. Optical fingerprint identification based on binary phase extraction joint transform correlator 5453
Lee, S.-H., Kwak, D.-H., Jang, B.-T., Cha, S.-Y., Lee, H.C., Yu, B.-G., Baek, J.-T. Analysis of dielectric properties of the interfacial layers in $Ba_{0.7}Sr_{0.3}TiO_3$-Pt structures 1410
Lee, S.-H. *see* Cho, J.-H. 11266
Lee, S.-M., Cahill, D.G. Heat transport in thin dielectric films 32619
Lee, S.-S., Ahn, S.-W., Shin, S.-Y., Oh, M.-C. Integrated optical high-voltage sensor based on a polymeric digital optical switch 27538
Lee, S.-T., Lam, Y.W., Zhangda Lin, Yan Chen, Zhiqing Gao Role of hydrogen in the initial stage of diamond heteroepitaxy on silicon 21292
Lee, S.-W., Lau, J.H. Effect of chip dimension and substrate thickness on the solder joint reliability of plastic ball grid array packages 10108
Lee, S.-W. *see* Ihn, T.-H. 22872
Lee, S.-W.R., Lau, J.H. Effect of chip dimension and substrate thickness on solder joint reliability of plastic BGA package 20931
Lee, S.-W.R., Lau, J.H. Design for plastic ball grid array solder joint reliability 52241
Lee, S.-Y., Liu, B., Cook, B.D. Reducing recursive effect for fast proximity correction 42877
Lee, S.-Y. *see* Choi, Y.K. 11625
Lee, S.B. *see* Keyvani, D. 27740
Lee, S.B. *see* Maclay, G.J. 27745
Lee, S.B. *see* Son, J.W. 5712
Lee, S.C. *see* Lin, R.-M. 52628
Lee, S.D., Chung, S.H., Kihm, K.D. Suggestive correctional methods for PIV image biasing caused by a rotating mirror system 7675
Lee, S.D. *see* Lee, T.S. 32196
Lee, S.G., Lee, K.-I., Lee, J.-U., Choi, Y., Kim, H.-S. More stable algorithm for rigorous coupled wave analysis applied to topography simulation in optical lithography and its numerical implementation 2517
Lee, S.G. *see* de Souza, R.B. 39947
Lee, S.H., Ha, I.J., Yoo, H.S., Hong, B.Y., Yoon, S.J. An on-line identification method for both stator and rotor resistances of induction motors without rotational transducers 9243
Lee, S.H., Kim, J.W., Lee, H.W., Noh, D.S., Kim, S.J. Wavelet CHF-SDF filter for distortion-invariant pattern recognition 15798
Lee, S.H., Yu, J.S., Pak, G., Ko, Y.T., Kim, T.I. High power 980 nm pump laser modules using hemicylindrical fiber microlenses 23813
Lee, S.H. *see* Brauer, J.R. 44965
Lee, S.H. *see* Daschner, W. 23629
Lee, S.H. *see* Ebong, A.U. 29650
Lee, S.H. *see* Ebong, A.U. 39215
Lee, S.H. *see* Ebong, A.U. 51601
Lee, S.H. *see* Kim, T.M. 32015
Lee, S.H. *see* Murata, H. 54073
Lee, S.H. *see* Tao, X.T. 44663
Lee, S.H.-K., Jaluria, Y. Simulation of the transport processes in the neck-down region of a furnace drawn optical fiber 13611
Lee, S.I. *see* Hwang, C.G. 1386
Lee, S.I. *see* Kang, C.S. 2905
Lee, S.I. *see* Lee, B.H. 21661
Lee, S.I. *see* Lee, H.J. 1355
Lee, S.J. *see* Kyung, C.M. 41259
Lee, S.K., Beard, C.A., Wilson, W.B., Daemen, L.L., Liska, D.J., Waters, L.S., Adams, M.L. Structural activation calculations due to proton beam loss in the APT accelerator design 7713
Lee, S.K., White, P.R. Fault diagnosis of rotating machinery using a two-stage adaptive line enhancer 4829
Lee, S.K. *see* Hammons, T.J. 19558
Lee, S.K. *see* Kim, J.S. 19811
Lee, S.K. *see* Peng Chubing 32828
Lee, S.K. *see* Peng Chubing 32867
Lee, S.L. *see* Mello, K.E. 42698
Lee, S.M., Pan, W., Yang, C. In-line fiber-optic polarimeter using a fused 1×5 star coupler 36606
Lee, S.R. *see* Fritz, I.J. 33122
Lee, S.R. *see* Millunchick, J.M. 40384

Lee, S.S., Lin, L.Y., Wu, M.C. Distributed feedback lasers integrated with micromachined wavelength meters for dense WDM systems 36109
Lee, S.S., Ried, R.P., White, R.M. Piezoelectric cantilever microphone and microspeaker 18976
Lee, S.S. *see* Chang, J.M. 4333
Lee, S.S. *see* Fan, L. 55477
Lee, S.S. *see* Kuznetsov, A.V. 805
Lee, S.S. *see* Lin, L.Y. 3331
Lee, S.S. *see* Lin, L.Y. 32579
Lee, S.S. *see* Lin, L.Y. 33105
Lee, S.S. *see* Lin, L.Y. 44045
Lee, S.T. *see* Lin Zhang-Da 40522
Lee, S.U. *see* Cho, S.H. 56640
Lee, S.U. *see* Lee, J.S. 15616
Lee, S.U. *see* Park, J.W. 57281
Lee, S.U. *see* Sim, D.-G. 59864
Lee, S.W. *see* Greenwood, A.D. 45374
Lee, S.W. *see* Keydel, E.R. 6940
Lee, S.W. *see* Keydel, E.R. 8690
Lee, S.W. *see* Sancer, M.I. 14565
Lee, S.Y. On minimum emittance lattices 18051
Lee, S.Y., Cho, J.Y., Kim, Y.H., Soh, B.J., Park, B.H., Ahn, J.W., Jung, C.S., Hahn, T.S., Choi, S.S., Oh, B., Moon, S.H., Fedorov, V.B., Denisov, A.G. Microwave properties of high-T_c $YBa_2Cu_3O_{7-\delta}$ microstrip resonators with different surface morphologies and finite thicknesses 32964
Lee, S.Y., Ham, Y.K., Park, R.-H. Recognition of human front faces using knowledge-based feature extraction and neuro-fuzzy algorithm 5243
Lee, S.Y., Kim, J.B., Lee, C.J., Lee, K.Y., Lee, C.W. Complex RLS fuzzy adaptive decision feedback equalizer 25005
Lee, S.Y., Ng, K.Y. The envelope dynamics of intense charge particle beams in a FODO channel 18034
Lee, S.Y. *see* Bai, M. 59148
Lee, S.Y. *see* Chu, C.M. 37038
Lee, S.Y. *see* Park, S.T. 49313
Lee, S.Y. *see* Riabko, A. 18031
Lee, S.Y. *see* Trbojevic, D. 18008
Lee, T., Lee, J., Oh, S. Mechanisms of bonding wire heel crack in plastic encapsulated ICs and models for improvement 10098
Lee, T. *see* Ng, V. 18206
Lee, T. *see* Shen-Whan Chen 54708
Lee, T. *see* Weiqi Li 41484
Lee, T.-D. *see* Cheng, P.-H. 23925
Lee, T.-H. *see* Tong, Q.-Y. 12801
Lee, T.-H. *see* Tong, Q.-Y. 42347
Lee, T.-H. *see* Tong, Q.-Y. 42516
Lee, T.-Y.T. *see* Wong, H. 10143
Lee, T.F. *see* Dai, Y.T. 12446
Lee, T.H. *see* Leung, S.H. 45724
Lee, T.H. *see* Montanaro, J. 1446
Lee, T.H. *see* Shaeffer, D.K. 1733
Lee, T.H. *see* Shaeffer, D.K. 53685
Lee, T.H. *see* Yoo, S.K. 49719
Lee, T.H. *see* Yue, C.P. 41559
Lee, T.P., Zah, C.E., Yoo, S.J.B., Bhat, R., Caneau, C. Enabling optoelectronic technologies for optical networking 58326
Lee, T.S., Choi, K.K., Jeoung, Y.T., Kim, H.K., Kim, J.M., Kim, Y.H., Song, J.H., Chang, J.M., Song, W.S., Kim, S.U., Park, M.J., Suh, S.H., Lee, S.D. A study on the surface passivation of HgCdTe by CdZnTe 32196
Lee, T.S., Choi, T.P., Yoo, C.D. Finite element modeling of 3-dimensional solder joint geometry in SMT 30312
Lee, T.S., Dantsker, E., Clarke, J. High-transition temperature superconducting quantum interference device microscope 7290
Lee, T.S., Phan, T., Fok, B., Malraison, B., Atten, P. Imploding and exploding circular EHD solitary waves propagating onto an insulating dielectric liquid layer 23102
Lee, T.S. *see* Kim, D.Y. 55362
Lee, T.Y.S. A simple approach for analyzing feedback vacation queues with levy input process 16075
Lee, T.Y.S., Sunjaya, J. Exact analysis of asymmetric random polling systems with single buffers and correlated input process 52426
Lee, T.Y.T., Lytle, B., Hileman, T. Application of a CFD tool in designing of fountain plating cell for uniform bump plating of semiconductor wafers 30225
Lee, T.Y.T., Mahalingam, M. Thermal limits of flip chip package – experimentally validated, CFD supported case studies 30297
Lee, V., Chan, K.C.C., Leung, H. Adaptive system noise covariance for performance enhancement of Kalman filter based algorithms 45717
Lee, V. *see* Chan, K.C.C. 38171
Lee, V. *see* Garcia, R. 51325
Lee, V.C.S., Ng, J.K.Y., Kam-Yiu Lam, Sheung-Lun Hung Performance studies of transmitting real-time MPEG-I video in ATM networks 57710
Lee, V.Y. *see* Lundquist, P.M. 23446
Lee, W. The Fetal Imaging Workstation Demonstration Project 18311
Lee, W., Kwon, H.K., Lee, Y.H., Lee, Y.S. Study on divide/square-root unit using radix-4 SRT algorithm 21644
Lee, W.B. *see* Sun, Z. 30946
Lee, W.B. *see* Yung, W.K.C. 30197
Lee, W.C. *see* Carin, L. 45109
Lee, W.C. *see* Pillai, S.U. 16842
Lee, W.C. *see* Wang, D.P. 2016
Lee, W.C.Y., Lee, D. The propagation characteristics affected by human-made structures 26580
Lee, W.D., Shirley, J.H., Jennings, D.A., Parker, T.E., Jefferts, S.R., Drullinger, R.E. An atomic beam velocity servo for optically pumped cesium frequency standards 27325
Lee, W.D. *see* Drullinger, R.E. 27253
Lee, W.D. *see* Garcia Nava, J.F. 17187
Lee, W.D. *see* Shirley, J.H. 27226
Lee, W.H. *see* Choi, J.-W. 31642
Lee, W.H. *see* Edmonson, W.W. 15191
Lee, W.K. *see* Huang, X.G. 23862
Lee, W.K. *see* She, W.L. 24207
Lee, W.M. *see* Kim, J.W. 47462
Lee, W.R. *see* Lau, H.Y. 59400
Lee, W.S. *see* Garthe, D. 16830
Lee, W.S. *see* Saunders, R.A. 16833
Lee, W.S. *see* Sim, S.P. 41168
Lee, W.T. *see* Tsang, P.W.M. 56960
Lee, W.Y., Ra, J.B. A fast algorithm for optimal bit allocation 56631
Lee, X.Y., Verma, A.K., Wu, C.Q., Goertemiller, M., Yablonovitch, E., Eldredge, J., Lillington, D. Thin film GaAs solar cells on glass substrates by epitaxial liftoff 38977
Lee, X.Y., Wu, C.Q., Verma, A.K., Ranganathan, R., Yablonovitch, E. Non-destructive testing by absolute room temperature photoluminescence quantum efficiency of GaAs solar cells 38995
Lee, Y. A compact and transmissive device for dispersion-compensation of ultra-short optical pulses 13608
Lee, Y., Everhart, D., Josse, F. The quartz crystal resonator as detector of electrical loading: an analysis of sensing mechanisms 17310
Lee, Y., Gough, R.A., Kunkel, W.B., Leung, K.N., Perkins, L.T., Pickard, D.S., Sun, L., Vujic, J., Williams, M.D. Development of ion sources for ion projection lithography 22717
Lee, Y., Gough, R.A., Kunkel, W.B., Leung, K.N., Perkins, L.T., Pickard, D.S., Sun, L., Vujic, J., Williams, M.D., Wutte, D. Ion energy spread and current measurements of the rf-driven multicusp ion source 49297
Lee, Y., Gough, R.A., Kunkel, W.B., Leung, K.N., Perkins, L.T., Pickard, D.S., Sun, L., Vujic, J., Williams, M.D., Wutte, D., Mondelli, A.A., Stengl, G. Axial energy spread measurements of an accelerated positive ion beam 49306
Lee, Y., Gough, R.A., Kunkel, W.B., Leung, K.N., Perkins, L.T., Pickard, D.S., Sun, L., Vujic, J., Williams, M.D., Wutte, D. A compact filament-driven multicusp ion source 49309
Lee, Y., Lee, J., Chang, H., Nam, J.Y. A new scene change control scheme based on pseudo-skipped picture 56630
Lee, Y., Sasaki, Y., Otsuka, H., Sekine, Y. A wide variable range VCXO for IC 11220
Lee, Y., Van Dyke, K., Decleene, B., Studenny, J., Beckmann, M. Summary of RTCA SC-159 GPS Integrity Working Group activities 48170
Lee, Y. *see* Jiao, L. 39134
Lee, Y. *see* Palmer, R.B. 17966
Lee, Y. *see* Wong, H.-S. 2646
Lee, Y.-C. *see* Ishikawa, J. 13972
Lee, Y.-G., Hsueh, Y.-C. Detail-preserving smoothing with morphology and fuzzy reasoning 5251
Lee, Y.-H., Chong, J.W., Russell, G. Multilevel logic synthesis technique for efficient verification testing 52981
Lee, Y.-H., Jiao, L.-H., Liu, H.-Y., Lu, Z., Collins, R., Wronski, C.R. Stability of a-Si:H solar cells and corresponding intrinsic materials fabricated using hydrogen diluted silane 39154
Lee, Y.-H. *see* Nelson, T.R., Jr. 3934
Lee, Y.-P. *see* Chiu, Y.-M. 17234
Lee, Y.-P. *see* Ku, C.-W. 58050
Lee, Y.-W., Kossentini, F., Ward, R.K. Improving the subjective quality of low bit rate sub-band/wavelet coded images 25442
Lee, Y.C. Introduction to optoelectronic packaging and interconnects 30277
Lee, Y.C., Shu, C. Wavelength-tunable nearly transform-limited pulses generated by self-injection seeding of a laser diode at an arbitrary repetition rate 55697
Lee, Y.C. *see* Gilleard, J.D. 30138
Lee, Y.C. *see* Ju, T.H. 10092
Lee, Y.C. *see* Kang, S.-Y. 12022
Lee, Y.C. *see* Lin, W. 33135
Lee, Y.C. *see* Mclaren, T. 33330
Lee, Y.C. *see* Neff, J.A. 55472
Lee, Y.H., Chong-Hoon Kwak, El-Hang Lee Measurement of the c axis of a $BaTiO_3$ crystal by anisotropic Bragg diffraction 24192
Lee, Y.H. *see* Jung, J.H. 41781
Lee, Y.H. *see* Keunjoo Kim 54439
Lee, Y.H. *see* Kim, D.S. 848
Lee, Y.H. *see* Lee, W. 21644
Lee, Y.H. *see* Song, M.H. 13860
Lee, Y.I. *see* Kim, D.Y. 22676
Lee, Y.J. *see* Bae, J.C. 32435
Lee, Y.J. *see* Dong-Won Kim 54891
Lee, Y.J. *see* Kwon, S.L. 6484
Lee, Y.J. *see* Roh, Y.R. 13381
Lee, Y.J. *see* Sim, S.P. 41168
Lee, Y.J. *see* Yoon, S.H. 45592
Lee, Y.K., Kim, K.C., Lee, H.S. An efficient coding of LSP parameters using multiple type frame segmentation 14973
Lee, Y.K., Murarka, S.P. Reactive ion etching of the fluorinated polyimide film 42686
Lee, Y.K., Rhee, S.Y., Nam Kim, Park, H.K. Analysis of phase velocity matching in coupled microstrip lines with dielectric overlay 34136
Lee, Y.K. *see* Johnson, D.H. 25101
Lee, Y.P., Freese, H. The value of multi-dimensional arrays and matched-field processing (MFP) in highly anisotropic noise environments 50198
Lee, Y.P., Haw-Jye Shyu Performance of detect-on-track in a high shipping environment 48138
Lee, Y.P. *see* Chang, G.S. 32233
Lee, Y.S., Kim, J.K., Park, C.T., Cho, Y.K., Son, H. Analysis for transient response of electromagnetic pulse penetrated through a slot aperture in conducting screen 4299
Lee, Y.S., Kwon, H.S., Cho, Y.K., Son, H. A simple closed-form spatial Green's function for the electromagnetic pulse coupling problem through an aperture into a parallel-plate waveguide 24506
Lee, Y.S., Wang, S.J., Hui, S.Y.R. Modeling, analysis, and application of buck converters in discontinuous-input-voltage mode operation 51142
Lee, Y.S. *see* Chang, G.S. 32233
Lee, Y.S. *see* Lee, W. 21644
Lee, Y.S. *see* Tao Wei 52931
Lee, Y.S. *see* Wong, M.W.T. 40846
Lee, Y.W., Nilsson, J., Hwang, S.T., Kim, S.J. Experimental characterization of a dynamically gain-flattened erbium-doped fiber amplifier 14001
Lee, Y.W. *see* Nilsson, J. 14007
Lee, Y.Y. *see* Fernow, R.C. 7737
Lee, Y.Y. *see* Fernow, R.C. 17931
Lee, Y.Y. *see* Palmer, R.B. 17924
Lee Ae-Kyoung *see* Ae-Kyoung Lee
Lee An-Chen *see* An-Chen Lee
Lee Bang Sup *see* Bang Sup Lee
Lee Beom-Su *see* Beom-Su Lee
Lee Beom-Taek *see* Beom-Taek Lee
Lee Bhum Cheol *see* Bhum Cheol Lee
Lee Bogju *see* Bogju Lee
Lee Bok-Hee *see* Bok-Hee Lee
Lee Bok-Kyu *see* Bok-Kyu Lee
Lee Bom Son *see* Bom Son Lee
Lee Bong Wan *see* Bong Wan Lee
Lee Bor-Lin *see* Bor-Lin Lee
Lee Bum-Youb *see* Bum-Youb Lee
Lee Bun *see* Bun Lee
Lee Byeong Gi *see* Byeong Gi Lee
Lee Byeong Joo *see* Byeong Joo Lee
Lee Byoung Hun *see* Byoung Hun Lee
Lee Byoung Teak *see* Byoung Teak Lee
Lee Byoung-Joon *see* Byoung-Joon Lee
Lee Byoung-Kuk *see* Byoung-Kuk Lee
Lee Byoungho *see* Byoungho Lee
Lee Byung Chai *see* Byung Chai Lee
Lee Byung Cheol *see* Byung Cheol Lee
Lee Byung Sun *see* Byung Sun Lee
Lee Byung-Gook *see* Byung-Gook Lee
Lee Byung-Il *see* Byung-Il Lee
Lee Byung-Seub *see* Byung-Seub Lee
Lee Byung-Uk *see* Byung-Uk Lee
Lee Chan *see* Chan Lee
Lee Chan Bok *see* Chan Bok Lee
Lee Chang Bum *see* Chang Bum Lee
Lee Chang Hee *see* Chang Hee Lee
Lee Chang Ki *see* Chang Ki Lee
Lee Chang Ryong *see* Chang Ryong Lee
Lee Chang Won *see* Chang Won Lee
Lee Chang Woo *see* Chang Woo Lee
Lee Chang-Hee *see* Chang-Hee Lee
Lee Chang-Hyo *see* Chang-Hyo Lee
Lee Chang-R *see* Chang-R Lee
Lee Chang-Ru *see* Chang-Ru Lee
Lee Chang-Shing *see* Chang-Shing Lee
Lee Changhyun *see* Changhyun Lee
Lee Chao-Hao *see* Chao-Hao Lee
Lee Chaoli *see* Chaoli Lee
Lee Chau-Han *see* Chau-Han Lee
Lee Chen-Jung *see* Zhou Xiaofang 53358
Lee Chen-Yi *see* Chen-Yi Lee
Lee Cheng-Chieh *see* Cheng-Chieh Lee
Lee Cheng-Chou *see* Cheng-Chou Lee
Lee Chengkuo *see* Chengkuo Lee
Lee Cheol-Gyun *see* Cheol-Gyun Lee
Lee Cheol-Hee *see* Cheol-Hee Lee
Lee Cheol-Jin *see* Cheol-Jin Lee
Lee Cheol-Seong *see* Cheol-Seong Lee
Lee Cheul-Ro *see* Cheul-Ro Lee
Lee Chew Peng *see* Chu Ming Cheung 57780
Lee Chi-Liang *see* Chi-Liang Lee
Lee Chiapyng *see* Chiapyng Lee
Lee Chien-Hsiung *see* Chien-Hsiung Lee
Lee Chien-Hua *see* Chien-Hua Lee
Lee Chien-Ping *see* Chien-Ping Lee
Lee Chin Young *see* Chin Young Lee
Lee Chin-Hui *see* Chin-Hui Lee
Lee Ching-Ming *see* Ching-Ming Lee
Lee Ching-Ting *see* Ching-Ting Lee
Lee Ching-Yin *see* Kao Wen-Shiow 51878
Lee Chingming, Chang Chingray Energy product for nanostructured two-phase magnets 3029
Lee Chingting, Wang Chiyu, Chou Yeongchang Characterization of GaAs buffer layer function in GaAs/InP strained structure grown by MBE 40377
Lee Chiung-San *see* Chiung-San Lee
Lee Chong Won *see* Chong Won Lee

Lee Chong-Ho *see* Chong-Ho Lee
Lee Chongmu *see* Chongmu Lee
Lee Chooi-Tian *see* Chooi-Tian Lee
Lee Choon Sae *see* Choon Sae Lee
Lee Choon-Hi *see* Choon-Hi Lee
Lee Choong Ho *see* Choong Ho Lee
Lee Choong Hwan *see* Choong Hwan Lee
Lee Choong Woong *see* Kim Chul-Woo 46174
Lee Choong Woong *see* Choong Woong Lee
Lee Choong-Gon *see* Choong-Gon Lee
Lee Chp-Yeol *see* Chp-Yeol Lee
Lee Chu-Chou *see* Chu-Chou Lee
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Lee Chul Woo *see* Chul Woo Lee
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Lee Chulhee *see* Chulhee Lee
Lee Chun Gyoo *see* Chun Gyoo Lee
Lee Chun-Mo *see* Chun-Mo Lee
Lee Chung Len *see* Chung Len Lee
Lee Chung Sing Victor, Hung Sheung Lun Performance studies of real-time communications in ATM networks 16036
Lee Chung Ten *see* Chung Ten Lee
Lee Chung-Len *see* Chung-Len Lee
Lee Chung-Nim *see* Chung-Nim Lee
Lee Chung-Yee *see* Chung-Yee Lee
Lee Dae-Hee *see* Dae-Hee Lee
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Lee Daeryong *see* Daeryong Lee
Lee Deok-Hyung *see* Deok-Hyung Lee
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Lee Do Hwan *see* Do Hwan Lee
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Lee Donghan *see* Donghan Lee
Lee Donghoon *see* Donghoon Lee
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Lee Duck-Chool *see* Duck-Chool Lee
Lee Duck-Hyung *see* Duck-Hyung Lee
Lee Duck-Joo *see* Duck-Joo Lee
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Lee El-Hang *see* El-Hang Lee
Lee Eun A. *see* Eun A. Lee
Lee Eun Seong *see* Eun Seong Lee
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Lee Gueesang *see* Gueesang Lee
Lee Gun Ho *see* Gun Ho Lee
Lee Gyeyoung *see* Yim Jaegeol 442
Lee Gyungho *see* Gyungho Lee
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Lee Hee Tae *see* Hee Tae Lee
Lee Hee-Choul *see* Hee-Choul Lee
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Lee Ho-Sook *see* Ho-Sook Lee
Lee Hoag-Hee *see* Hoag-Hee Lee
Lee Hong-Bae *see* Hong-Bae Lee
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Lee Il-Hyeong *see* Il-Hyeong Lee
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Lee Jian-Huei *see* Jian-Huei Lee
Lee Jiann-Der *see* Jiann-Der Lee
Lee Jiann-Shu *see* Jiann-Shu Lee
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Lee Joungchel *see* Joungchel Lee
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Lee Junghoon *see* Junghoon Lee
Lee Jungwoo *see* Jungwoo Lee
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Lee Kan-Yuan *see* Kan-Yuan Lee
Lee Kang-Yoon *see* Kang-Yoon Lee
Lee Kee-Bang *see* Kee-Bang Lee
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Lee Keun Young *see* Keun Young Lee
Lee Ki Bang *see* Ki Bang Lee
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Lee Ki Yong *see* Ki Yong Lee
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Lee Ki-Sik *see* Ki-Sik Lee
Lee Ki-Young *see* Ki-Young Lee
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Lee Kun-Chou *see* Kun-Chou Lee
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Lee Ky-Am *see* Ky-Am Lee
Lee Kye Sang *see* Kye Sang Lee
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Lee Kyeong Seok *see* Kyeong Seok Lee
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Lee Kyou-Ho *see* Kyou-Ho Lee
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Lee Kyoung-Ok *see* Kyoung-Ok Lee
Lee Kyu-Chan *see* Kyu-Chan Lee
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Lee Laurie Lock *see* Laurie Lock Lee
Lee Lee-Min *see* Lee-Min Lee
Lee Li *see* Li Lee
Lee Liang-Teh *see* Liang-Teh Lee
Lee Lin-Shan *see* Lin-Shan Lee
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Lee Luan Ling *see* Luan Ling Lee
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Lee Meng-Huang *see* Meng-Huang Lee
Lee Mi-Kyung *see* Mi-Kyung Lee
Lee Mike Tien-Chien *see* Mike Tien-Chien Lee
Lee Min-Ho *see* Min-Ho Lee
Lee Min-Suk *see* Min-Suk Lee
Lee Ming-Chieh *see* Ming-Chieh Lee
Lee Ming-Kwei *see* Ming-Kwei Lee
Lee Moi Keow *see* Moi Keow Lee
Lee Moon Key *see* Moon Key Lee
Lee Moon Yong *see* Moon Yong Lee

Lee Moon-Noh *see* Moon-Noh Lee
Lee Moon-Yong *see* Moon-Yong Lee
Lee Moung Ho *see* Moung Ho Lee
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Lee Myeong-Hwan *see* Myeong-Hwan Lee
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Lee Nahm Sik *see* Nahm Sik Lee
Lee Nak Young *see* Nak Young Lee
Lee Nam-Ho *see* Nam-Ho Lee
Lee Narn-Yih *see* Narn-Yih Lee
Lee Ng Seng *see* Seng Lee Ng
Lee Ning-Cheng *see* Ning-Cheng Lee
Lee Park Hong *see* Hong Lee Park
Lee Pil Joong *see* Pil Joong Lee
Lee Pong-Gyou *see* Pong-Gyou Lee
Lee Rae Duk *see* Rae Duk Lee
Lee San-Kan *see* San-Kan Lee
Lee San-Liang *see* San-Liang Lee
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Lee Wen-Tsai *see* Wen-Tsai Lee
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Lee Wing-Sze *see* Wing-Sze Lee
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Lee Wingkee *see* She Weilong 33713
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Lee Yang Weon *see* Yang Weon Lee
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Lee Yang-Woo *see* Yang-Woo Lee
Lee Yangsoo *see* Yangsoo Lee
Lee Yann-Hang *see* Yann-Hang Lee
Lee Yanp-Han *see* Yanp-Han Lee
Lee Yeeheng *see* Yeeheng Lee
Lee Yen-Jen *see* Yen-Jen Lee
Lee Yeon-Soek *see* Yeon-Soek Lee
Lee Yeong-Taek *see* Yeong-Taek Lee
Lee Yeonhee *see* Yeonhee Lee
Lee Yeouchang *see* Chen Jyhchen 10587
Lee Yih-Shing *see* Yih-Shing Lee
Lee Yillbyung *see* Yillbyung Lee
Lee Yo-Han *see* Yo-Han Lee
Lee Yong Chol *see* Yong Chol Lee
Lee Yong Hee *see* Yong Hee Lee
Lee Yong Hoon *see* Yong Hoon Lee
Lee Yong Surk *see* Yong Surk Lee
Lee Yong Up *see* Yong Up Lee
Lee Yong-Bum *see* Yong-Bum Lee
Lee Yong-Hee *see* Yong-Hee Lee
Lee Yong-Hoon *see* Yong-Hoon Lee
Lee Yong-Jae *see* Yong-Jae Lee
Lee Yong-Kuk *see* Yong-Kuk Lee
Lee Yong-Kwan *see* Yong-Kwan Lee
Lee Yong-Woo *see* Yong-Woo Lee
Lee Yoon-Joon *see* Yoon-Joon Lee
Lee YoonHyun *see* YoonHyun Lee
Lee You-Kee *see* You-Kee Lee
Lee Young Bae *see* Young Bae Lee
Lee Young Hee *see* Young Hee Lee
Lee Young Hwan *see* Young Hwan Lee
Lee Young Ryul *see* Young Ryul Lee
Lee Young-Geun *see* Young-Geun Lee
Lee Young-Hie *see* Young-Hie Lee
Lee Young-Ho *see* Young-Ho Lee
Lee Young-Kook *see* Young-Kook Lee
Lee Youngho *see* Youngho Lee
Lee Youngkon *see* Youngkon Lee
Lee Youngseok *see* Youngseok Lee
Lee Yuan-Shin *see* Yuan-Shin Lee
Lee Yuen-Wen *see* Yuen-Wen Lee
Lee Yuh-Sheng *see* Yuh-Sheng Lee
Lee Yumin *see* Yumin Lee
Lee Yun Hi *see* Yun Hi Lee
Lee Yun Sik *see* Yun Sik Lee
Lee Yun-Hi *see* Yun-Hi Lee
Lee Yung-Cheng *see* Yung-Cheng Lee
Lee Yung-Hei *see* Yung-Hei Lee
Lee Yung-Pin *see* Yung-Pin Lee
Lee Yung-Ting *see* Yung-Ting Lee
Lee-Chae Jang, Joong-Sung Kwon On non-monotonic fuzzy measures of Φ-bounded variation 30483
Lee-Feng Chien *see* Sung-Chien Lin 14918
Lee-Ing Tong, Chao-Ton Su Optimizing multi-response problems in the Taguchi method by fuzzy multiple attribute decision making 52317
Lee-Min Lee *see* Jen-Tzung Chien 15122
Lee-Wen Huang *see* Chi-Chun Lo 46136
Leeb, K. *see* Fafilek, G. 36960
Leeb, S.B. *see* Jackson, D.K. 51195
Leeb, S.B. *see* Khan, U.A. 28888
Leece, G.D., Miskioglu, I., Nelson, D.A. An experimental investigation of the effects of cycling frequency and temperature on the fatigue life of 60 tin/40 lead solder 20953
Leech, P.W., Ridgway, M., Faith, M. Channel waveguides formed in fused silica and silica-on-silicon by Si, P and Ge ion implantation 3416
Leech, P.W., Ridgway, M.C. Waveguide formation in silica by implantation with Si, P and Ge ions 13669
Leech, P.W. *see* Kibel, M.H. 3314
Leech, P.W. *see* Reeves, G.K. 43104
Leech, P.W. *see* Ressel, P. 42963
Leed, I. *see* Abe, K. 59233
Leedham, R.J., Carter, D.R.H., McMahon, R.A. A high frequency smart power MOSFET switch for use in half-bridge circuits 40906
Leedham, R.J. *see* Palmer, P.R. 2622
Leedom, I. *see* Alverson, G. 18085
Leegwater, J.A. *see* Dubbeldam, J.L.A. 44544
Leejay Wu *see* Jie Yang 57977
Leek, T.H., Lingard, S., Bullough, W.A., Atkin, R.J. The time response of an electro-rheological fluid in a hydrodynamic film 987
Leelarasmee, E., Hwangkhunnatham, M. The use of a matrix cache to speed up the conventional transient simulation of piecewise linear circuits 52962
Leem, J.-Y. *see* Lee, C.-R. 30792
Leem Jae-Young *see* Jae-Young Leem
Leem Si-Jong *see* Si-Jong Leem
Leeman, S., Healey, A.J. Description and measurement of transient ultrasound fields 60113
Leeman, S. *see* Healey, A.J. 37722
Leemans, W. *see* Tauschwitz, A. 59162
Leembruggen, G., Connor, D. Design and commissioning of sound reinforcement systems for the Australian parliament--a holistic approach 7110
Leen-Kiat Soh, Haverkamp, D., Tsatsoulis, C. Separating ice-water composites and computing floe size distributions 8487
Leen-Kiat Soh, Tsatsoulis, C. Determining the number of classes for segmentation in SAR sea ice imagery 8488
Leenaerts, D. *see* Veselinovic, P. 1102
Leenaerts, D.M.W. Further extensions to Chua's explicit piecewise linear function descriptions 40852
Leenaerts, D.M.W., Joordens, G.H.M., Hegt, J.A. A low power high performance switched-current multiplier 11612
Leerentveld, R., Wright, J. Active-matrix liquid crystal display (AMLCD) an important component in next-generation imaging systems 27791
Lees, A. *see* Xie, M.-H. 10742
Lees, A. *see* Yao, L. 36533
Lees, G.P., Taverner, D., Richardson, D.J., Dong, L., Newson, T.P. Q-switched erbium doped fibre laser utilising a novel large mode area fibre 44377
Lees, G.P. *see* De Souza, K. 7380
Lees, J.E., Fraser, G.W., Pearce, S.E., Pearson, J.F., Shchemelev, V.N., Pavlov, A.P., Shulakov, A.S. Thermally annealed soft X-ray photocathodes 37535
Lees, J.E., Pearson, J.F. A large area MCP detector for X-ray imaging 37450
Lees, J.E. *see* Brunton, A.N. 37532
Lees, M.I. Lightning strike location for overhead lines 50658
Lees, R.M. *see* Vasconcellos, E.C.C. 44344
Lees, W.R. *see* Jing Deng 28089
Leese, R. Tiling methods for channel assignment in radio communication networks 7030
Leeser, M., Tarafdar, S., Li, Y. Rapid prototyping of datapath intensive architectures with HML, an abstract hardware description language 48403
Leeson, M.S. Frequency chirp in asymmetric Fabry-Perot electroabsorption modulators for use in the local access network 26767
Leeson, M.S. Optically preamplified receivers using resonant photodiodes 26768

Leeson, M.S. *see* Senior, J.M. 25943
Leeson, M.S. *see* Senior, J.M. 26387
Leeson, W. *see* Allison, W.W.M. 37269
Leetz, H.-K. *see* Schneider, P. 59775
Leeuw, M.W.D. *see* Theuws, W.H.C. 37110
Leeuw, R.W.De *see* De Leeuw, R.W.
Leeuwen, F.van *see* van Leeuwen, F.
Leeuwen, W.J.D.van *see* van Leeuwen, W.J.D.
Leewen, P.van *see* van Leewen, P.
Lefebvre, A. *see* Androussi, Y. 40413
Lefebvre, G. *see* Robert, F. 46033
Lefebvre, J. *see* Lasaygues, P. 50250
Lefebvre, J.-E. *see* Zhang, V. 54913
Lefebvre, K.R., Anwar, A.F.M. Electron escape time from single quantum wells 22402
Lefebvre, N. *see* Fitzpatrick, D. 1720
Lefebvre, P. *see* Ribayrol, A. 22367
Lefebvre, S. *see* Belhadj, C. 19127
Lefedjiev, A.K., Leisten, J.M. Control techniques for series resonant induction cooking inverters 20234
Leferink, F.B.J. Inductance calculations; experimental investigations 41575
Leferink, F.B.J. *see* Groot Boerle, D.J. 45244
Lefevre, F. *see* Schicker, R. 18140
Lefevre, H.C. Fundamentals of the interferometric fiber-optic gyroscope 27608
Lefevre, H.C. Fundamentals of the interferometric fiber-optic gyroscope 58790
Lefevre, H.C. *see* Cerre, N. 26688
Lefevre, H.C. *see* Gaiffe, T. 27616
Lefevre, H.C. *see* Gaiffe, T. 27632
Lefevre, H.C. *see* Graindorge, P. 36616
Lefevre, H.C. *see* Taufflieb, E. 23778
LeFevre, J. Pareto optimisation of the control of of a cardiac assist device using multicriteria, rank and niche-based genetic algorithms hybridised with breeding and gradient methods 59805
LeFevre, J. *see* Lefevre, L. 53004
Lefevre, L., LeFevre, J., Dauphin-Tanguy, G. Power-oriented realisation of nonlinear delay operators in circuit theory 53004
Lefevre, R. *see* Demange, D. 58313
Lefevre, T. *see* Nguyen Anh Tuan 50690
Lefevre, Y. *see* Clenet, S. 60795
Lefevre, Y. *see* Pertusa, C. 50881
Lefforge, D. *see* Kamins, T.I. 41854
Lefin, P., Fiorini, C., Nunzi, J.-M. Anisotropy of the photoinduced translation diffusion of azobenzene-dyes 55937
Lefley, P. *see* Willows, M. 19177
Lefley, P.W. *see* Devine, P.J. 19871
Lefley, P.W. *see* Wong, J.K.L. 20143
LeFloch, B. *see* Greve, A. 17016
Lefort, A. *see* Melouki, B. 60949
Lefranc, M. *see* Boulant, G. 55577
Lefrancois, M.E., Camm, D.M., Hickson, B.J. Emissivity independent process control in a short wavelength arc lamp RTP chamber 22498
Lefrancois, S. *see* Haccoun, D. 16575
Leftheriotis, G. *see* Pochet, T. 59383
Lega, X.Colonna de *see* Colonna de Lega, X.
Legako, M. *see* Sienski, K. 11588
Legall, F. *see* Bosc, D. 23545
Legat, J.-D. *see* Gilmont, T. 59800
Legaud, P. *see* Mathoorasing, D. 58296
Legault, A., Matey, J. Professional video under 32-bit Windows operating systems 27153
Legault, S.R., Senior, T.B.A. A comparison of circular cylindrical absorbing terminations 33948
Legault, S.R., Senior, T.B.A. A comparative study of circular cylindrical absorbing terminations 34009
Legault, S.R. *see* Senior, T.B.A. 24437
Legay, H., Shafai, L. A self-matching wideband feed network for microstrip arrays 45455
Legay, P. *see* Benchimol, J.L. 40373
Legeieri, G. *see* Luby, S. 2451
Legendre, B.L., Jr., Williams, D.C., Soper, S.A., Erdmann, R., Ortmann, U., Enderlein, J. An all solid-state near-infrared time-correlated single photon counting instrument for dynamic lifetime measurements in DNA sequencing applications 7924
Legentil, M. *see* Richeboeuf, L. 13940
Leger, A., Fleury, L., Aymeric, B. Some human factors issues in enhanced vision system: an experimental approach through stimulation techniques 18651
Leger, D. *see* Meygret, A. 18798
Leger, J.M. *see* Duret, D. 8292
Leger, J.R., Mowry, G. Modal properties of laser arrays using diffractive mode-selecting mirrors 14211
Legewie, F. *see* Wehner, M. 2452
Legg, J.A., Bolton, A.G., Gray, D.A. SAR moving target detection using a nonuniform PRI 27030
Legg, P.J., Crichton, P. ACTS MEDIAN: a wireless LAN supporting ATM at 155 Mb/s 47046
Legg, P.J. *see* Cornwell, W.D. 58345
Legg, P.J. *see* Gupta, G.C. 36185
Legg, P.J. *see* Hunter, D.K. 26793
Legg, S. *see* Cleary, J.G. 56343
Leggate, D., Kerkman, R.J. Pulse-based dead-time compensator for PWM voltage inverters 51193
Leggate, D. *see* Kerkman, R. 29692
Legge, G.E. *see* Beckmann, P.J. 8157
Legge, M. *see* Eisert, D. 55638
Legget, M. *see* Martin, R.W. 28128
Legget, M.E. *see* Xiang-Ning Li 28127
Leggett, J.J. *see* Wiil, U.K. 47182
Legin, A.V., Vlasov, Y.G., Rudnitskaya, A.M., Bychkov, E.A. Cross-sensitivity of chalcogenide glass sensors in solutions of heavy metal ions 27459
Legin, A.V. *see* Di Natale, C. 27463
Legl, C., Eckl, K., Wurth, B. Performance-directed technology mapping for LUT-based FPGAs–what role do decomposition and covering play? 11418
LeGore, L.J., Snow, K., Galipeau, J.D., Vetelino, J.F. The optimization of a tungsten trioxide film for application in a surface acoustic wave gas sensor 27736
LeGore, L.J. *see* Galipeau, J.D. 27735
Legouezigou, O. *see* Ducellier, T. 47962
Legouezigou, O. *see* Duchet, C. 33123
Legowik, S. *see* Murphy, K. 17005
Legowski, S. *see* Blaabjerg, F. 29732
Legowski, S. *see* Blaabjerg, F. 51687
Legowski, S. *see* Reniewicz, H. 12251
Legowski, S.F. *see* Trzynadlowski, A.M. 51191
Legrady, J., Brown, J. Surface mount posts, IDCs, receptacles, with related test and design considerations 39790
Legrain, R. *see* Martinez, E. 49350
Legrand, C. *see* Boughriet, A.-H. 27874
Legrand, E. *see* Winter, A. 56773
Legrand, J. *see* Bernage, P. 23472
Legrand, L. *see* Kardouchi, M. 56737
Legrange, J.D. *see* Opila, R.L. 33048
Legras, J. *see* Guillet, P. 47325
Legras, R. *see* Piraux, L. 43635
Legresy, B. *see* Remy, F. 28655
Legros, A. *see* L'Ecuyer, J. 37565
Legros, C. *see* Faiget, L. 15241
Legros, C. *see* Pinsonneault, D. 36867
Legros, C. *see* Ruiz, R. 24827
Legros, E., Merrar, A., Billard, M., Joly, C., Blanconnier, P. Distributed GaAs-PHEMT 0.2 μm preamplifier for 20 Gbit/s photoreceivers 58311
Legros, E. *see* Favre, F. 47963
Legros, R. *see* Buhleier, R. 33704
Legros, R. *see* Iehl, J.L. 33703
Legros, W. *see* Dular, P. 44929
Legros, W. *see* Dular, P. 44931
Legros, W. *see* Remacle, J.-F. 44934
Legros, W. *see* Scarpa, P. 29505
Legtenberg, R. *see* Tas, N. 23035
Leguijt, C. *see* Burgers, A.R. 12868
Leguizamon, G.M. *see* Esquivel, S.C. 57893
LeGuyader, P., Savard, P., Trelles, F. Measurement of myocardial conductivities with an eight-electrode technique in the frequency domain 49741
Lehar, F. *see* Ball, J. 18071
Lehecka, T., Deniz, A.V., Hardgrove, J.J., Bodner, S.E., Gerber, K.A., Lehmberg, R.H., McLean, E.A., Obenschain, S.P., Pawley, C.J., Pronko, M.S., Sethian, J.D., Stamper, J.A., Sullivan, C.A. Performance of the NRL Nike-KrF laser for uniform target illumination experiments 23734
Leheny, R.F. Advanced optical networks 26759
Leheny, R.F. Advanced optical networks 26841
Lehew, S. *see* Lee, A.P. 19930
Lehigh, M.D. *see* Sonuparlak, B. 52222
Lehikoinen, P. *see* Perala, J. 18549
Lehle, P., Gartner, H., Tiziani, H.J., Voland, C. Coded light setups with optimised transformations of code indices 34986
Lehle, P. *see* Gartner, H. 36647
Lehman, B., Bass, R.M. Recent advances in averaging theory for PWM DC-DC converters 51151
Lehman, J. *see* Morgan, R.A. 47953
Lehman, J.A., Morgan, R.A., Carlson, D., Hagerott Crawford, M., Choquette, K.D. High-frequency modulation characteristics of red VCSELs 33524
Lehman, P.A., Chamberlin, C.E., Pauletto, G., Rocheleau, M.A. Operating experience with a photovoltaic-hydrogen energy system 60605
Lehman, T. *see* Feighery, P. 59868
Lehman, Y. *see* Eran, Y. 20965
Lehmann, D. Generalized qualitative probability: Savage revisited 429
Lehmann, E. *see* Hessenmuller, H. 58029
Lehmann, F. *see* Strobl, P. 18799
Lehmann, F. *see* Walther-Klaus, E. 35450
Lehmann, F. *see* Zhukov, B. 8379
Lehmann, F. *see* Zhukov, B. 15776
Lehmann, G., Maria, A., Lee, P.-C., Cotts, E.J. Modeling the underfill flow process [direct chip attach] 20901
Lehmann, G., Wunder, B., Muller-Glaser, K.D. Basic concepts for an HDL reverse engineering tool-set 11088
Lehmann, G. *see* Rohrbeck, W. 8603
Lehmann, H. *see* Weigl, B.H. 36748
Lehmann, H.W. *see* Padeste, C. 48696
Lehmann, M. Measurement optimization in speckle interferometry: the influence of the imaging lens aperture 17818
Lehmann, M. *see* Lichte, H. 33742
Lehmann, M.S. *see* Thoms, M. 37453
Lehmann, P., Patzelt, S., Schone, A. Surface roughness measurement by means of polychromatic speckle elongation 59012
Lehmann, P., Schombacher, E.H. Features of a combined FFT and Hilbert transform for phase Doppler signal processing 56437
Lehmann, P. *see* Peters, J. 7651
Lehmann, R. *see* Horstmann, M. 58316
Lehmann, R.E., Nai-Hsiang Sun, Butler, J.K. Integrated Q-band MMIC diffraction grating transmitter 34478
Lehmann, R.E., Sun, N.-H., Butler, J.K. MM-Wave dielectric scanning array transmitter for wireless applications 45462
Lehmann, T.M., Kaser, A., Repges, R. A simple parametric equation for pseudocoloring grey scale images keeping their original brightness progression 46441
Lehmann, V. Porous silicon formation and other photoelectrochemical effects at silicon electrodes anodized in hydrofluoric acid 2396
Lehmann, V. Developments in porous silicon research 3619
Lehmberg, H. *see* Voss, K. 50852
Lehmberg, R.H. *see* Lehecka, T. 23734
Lehmberg, S., Winkler, H.-J., Lang, M. A soft-decision approach for symbol segmentation within handwritten mathematical expressions 25753
Lehne, P.H., Raekken, R.H. COST 231: evolution of land mobile radio (including personal) communications 47814
Lehner, G. One-dimensional cylindrical diffusion of electromagnetic fields. I 33795
Lehner, G. *see* Fetzer, J. 31005
Lehner, G. *see* Fetzer, J. 44924
Lehner, G. *see* Haas, M. 45074
Lehner, G. *see* Kurz, S. 44935
Lehner, M. *see* Zhukov, B. 15776
Lehner, M.J. *see* Buckland, K.N. 37414
Lehner, P.E. *see* Musman, S.A. 56509
Lehnert, A. *see* Fernengel, W. 3102
Lehnert, J.S. *see* Brothers, A.S., Jr. 60145
Lehnert, J.S. *see* Lok, T.M. 57603
Lehnert, J.S. *see* McDowell, A.T. 16065
Lehnert, T. *see* Plathner, B. 21903
Lehnert, W. *see* Berger, R. 43189
Lehnus, D.S. *see* Stupp, G.B. 28526
Lehoczky, J.P. Real-time queueing theory 25902
Lehoczky, J.P. *see* Rao, S. 2776
Lehoczky, S.L. *see* Chen, K.-T. 12619
Lehoczky, S.L. *see* Sha, Y.-G. 30730
Lehoczky, S.L. *see* Su Chinghua 10652
Lehoczky, S.L. *see* Watring, D.A. 679
Lehoczky, S.L. *see* Yi-Gao Sha 41907
Lehotsky, D.A. Developments in high speed inspection using intelligent CCD cameras 36377
Lehoucq, R.B., Sorensen, D.C. Deflation techniques for an implicitly restarted Arnoldi iteration 596
Lehoux, M. *see* Jerominek, H. 17367
Lehr, F.M. *see* Englert, T.J. 58964
Lehr, H. *see* Feiertag, G. 42887
Lehr, M.E., Lii, K.-S. Template basis techniques to pattern recognition 25615
Lehrasab, N., Fararooy, S. Intelligent multiple sensor early failure warning system for train rotary door operator 27544
Lehrasab, N., Fararooy, S., Allan, J. Fault detection in intelligent early failure warning sensors system for train rotary door operator 345
Lehrer, C. *see* Lipp, S. 21350
Lehrer, C. *see* Lipp, S. 22583
Lehrer, E., Smorodinsky, R. Repeated large games with incomplete information 40004
Lehrhofer, J. *see* Selan, M. 20011
Lehther, D., Sapatnekar, S.S. Clock tree synthesis for multi-chip modules 11087
Lehtihet, E.A. *see* Cheraghi, S.H. 1773
Lehtila, A., Pirila, P. Reducing energy related emissions. Using an energy systems optimization model to support policy planning in Finland 9091
Lehtinen, K. *see* Laitinen, A. 24379
Lehtinen, M., Forsman, K., Malmivuo, J., Eskola, H. Effects of skull and scalp thickness on EEG 59712
Lehtinen, M. *see* Nygren, T. 38055
Lehtinen, M.S., Huuskonen, A., Pirttila, J. First experiences of full-profile analysis with GUISDAP 60068
Lehtinen, R., Malmivuo, J. Effect of ST-segment measurement point on the exercise ECG variables 49660
Lehtinen, R. *see* Viik, J. 49661
Lehtiniemi, R. Thermal nondestructive testing using active line-scanning infrared radiometry 31011
Lehto, A. *see* Raisanen, A. 56169
Lehto, A. *see* Sehm, T. 41401
Lehto, M. *see* Hakala, H. 58234
Lehto, M.U.K. *see* Laine, H.-J. 59473
Lehto, V.-P. *see* Salonen, J. 32207
Lehtonen, S.J. *see* Charles, H.K., Jr. 53839
Lehtonen, V. *see* Nikander, A. 19316
Lehureau, J.-C. Impact of diffractive optics on the design of optical pick up 13778
Lehureau, J.-C. *see* Castera, J.-P. 3227
Lei, C. *see* Huffaker, D.L. 2416
Lei, C.-L. *see* Fan, C.-I. 14795
Lei, C.H. *see* Shi, Y. 12346
Lei, F. *see* Porras, E. 37353
Lei, G.T., Techentin, R.W., Gilbert, B.K. Joint time and frequency domain model of power/ground plane noise [MCMs] 53851
Lei, J.H. *see* Chalmers, I.D. 28918
Lei, K. *see* Mardirossian, G. 7967
Lei, K.-S., Ramirez, C. Investigation of surface insulation resistance test of no-clean flux in temperature/humidity environments 41665

Lei, P.-M., Subramaniam, S., Bernstein, G.H., Williamson, W., III, Gilbert, B.K., Chow, D.H. Process technology for monolithic high-speed Schottky/resonant tunneling diode logic integrated circuits 21581
Lei, S.-F., Hamernik, R.P. Extraction of frequency domain kurtosis from non-Gaussian and nonstationary signals using the wavelet transform 25074
Lei, T. *see* Silkowski, E. 12621
Lei, T.F. *see* Chao, T.S. 54651
Lei, T.F. *see* Lai, C.S. 42615
Lei, X.L. *see* Bing Dong 32000
Lei, Y.P. *see* Chen, Y.J. 10996
Lei, Z., Blane, M.M., Cooper, D.B. 3L fitting of higher degree implicit polynomials 25473
Lei Chen *see* Feng-Zhen Guo 55307
Lei Cheng *see* Cheng Lei
Lei Chin-Laung *see* Chin-Laung Lei
Lei Ding *see* Doeff, M.M. 51453
Lei Fang *see* Lesieutre, G.A. 3009
Lei Guang-Tsai *see* Guang-Tsai Lei
Lei Guangtsai *see* Guangtsai Lei
Lei He *see* Cong, J. 43171
Lei He *see* Jason Cong 11092
Lei Hou *see* Hou Lei
Lei Huang, Texiu Zhao, Yiwei Duan, Xiaoping Wang, Erdong Lu, Pengshou Xu, Zhenjia Xu, Hsu, C. C. New aspects of K promoted nitridation of the InP(100) surface 32215
Lei Huibo The influence of three-phase quantity symmetry on measuring error of reactive power transducer 28960
Lei Jianqiu *see* Jianqiu Lei
Lei Jing Design of a pulse width modulated amplifier in a radar servo system 48093
Lei Lan Fu *see* Lan Fu Lei
Lei Li *see* Li Lei
Lei Lin, Prince, J.L. SSO noise electrical performance limitations for PQFP packages 39815
Lei Lin *see* Jain, V.K. 31324
Lei Peiming *see* Peiming Lei
Lei Peng *see* Peng Lei
Lei Qingquan *see* Lin Jiaqi 23144
Lei Qingquan *see* Yang Qiru 32727
Lei Qingquan *see* Qingquan Lei
Lei Shaw-Min *see* Shaw-Min Lei
Lei Shi *see* Shi Lei
Lei Tan Fu *see* Tan Fu Lei
Lei Tan-Fu *see* Tan-Fu Lei
Lei Ting *see* Ting Lei
Lei Wang *see* Kin Man Yu 54036
Lei Wang *see* Pineda de Gyvez, J. 35107
Lei Wang *see* Wang Lei
Lei Wenhua *see* Wenhua Lei
Lei Xiangguo *see* Chen Xinfeng 18143
Lei Xianzhang *see* Xianzhang Lei
Lei Xu, Liying Liu, Jing Yu, Wencheng Wang, Fuming Li Time evolution of structural changes and second-order optical nonlinearity of hemicyanine doped silica film 14340
Lei Xu, Xiaoyuan Peng, Zhaoqun Zhang Elementary microcoding patterns of object information recorded in image hologram 44808
Lei Xu *see* King, I. 57528
Lei Xu *see* Sheng Zhong 52328
Lei Yin *see* Yi Yuan Chen 31473
Lei Yinzhao, Ma Xinshan Approach to three-dimensional eddy current problems and calculation of the coil impedance for nondestructive testing 10998
Lei Yongquan *see* Yongquan Lei
Lei Yu *see* Lo, J.T.-H. 53501
Lei Yu *see* Yukun Yang 48512
Lei Zhang, Kobayashi, T. Enhanced phase modulation by cascaded second-order effects in quasi-collinear configuration 55912
Lei Zheng *see* Zheng Lei
Lei Zhengdong *see* Zhou Jian 61332
Lei Zhibin *see* Zhibin Lei
Lei Zhihui *see* Zhihui Lei
Lei Zhou, Ning Xie, Shengyu Jin, Ruibao Tao Theoretical studies of the magnetic multivalued recording in coupled multilayers 43689
Lei Zhou *see* Ning Xie 32827
Lei Zhou *see* Zhou Lei
Lei Zhu, Joishi, I., Yamashita, E. Characterization of microstrip patch antennas suspended by a dielectric superstrate with high permittivity 34259
Lei Zhu, Joishi, I., Yamashita, E. Theoretical and experimental studies on the microstrip-fed inverted patch antenna with linear or circular polarization 34309
Lei Zhu, Kirino, H., Joishi, I. Radiation characteristics of circularly polarized patch antennas mounted in a 2.45 GHz wireless ID card system 34449
Lei Zhu, Yamashita, E., Joishi, I. Generalized modeling of microstrip-fed patch antennas using an equivalent delta voltage source backed by a perfect electric wall 34297
Lei Zhu, Yamashita, E., Jouishi, I. Spectral domain analysis of circularly polarized rectangular patch antennas with a dielectric superstrate 34248
Lei Zhuang, Schablitsky, S., Shi, R.C., Chou, S.Y. Fabrication and performance of thin amorphous Si subwavelength transmission grating for controlling vertical cavity surface emitting laser polarization 23961
Lei Zhuang *see* Schablitsky, S.J. 23929
Leib, H. *see* Kou, C.F. 16596
Leib, H. *see* Yasheng Qian 4428
Leib, H. *see* Yoon, Y.C. 25895
Leibel, S.A. *see* Ling, C.C. 8088
Leibenguth, R. *see* Buccafusca, O. 23995
Leibenguth, R. *see* Goossen, K.W. 16494
Leibenguth, R. *see* Goossen, K.W. 33324
Leibenguth, R.E. *see* Guthrie, D.K. 22447
Leibenguth, R.E. *see* Lentine, A.L. 3660
Leibenguth, R.E. *see* Lentine, A.L. 33316
Leibfried, D. *see* Udem, T. 7145
Leibfried, D. *see* Udem, T. 27341
Leibfried, T., Feser, K. Off-line- and on-line-monitoring of power transformers using the transfer function method 9308
Leibholz, D., Razdan, R. The Alpha 21264: a 500 MHz out-of-order execution microprocessor 43309
Leibig, C.M. *see* Maroudas, D. 42735
Leible, K.D. *see* Spadtke, P. 37204
Leibovitch, M., Ram, P., Malikova, L., Pollak, F.H., Freeouf, J.L., Kronik, L., Mishori, B., Shapira, Y., Clawson, A.R., Hanson, C.M. Reflection anisotropy spectroscopy, surface photovoltage spectroscopy, and contactless electroreflectance investigation of the InP/$In_{0.53}Ga_{0.47}As$(001) heterojunction system 54160
Leibovitch, M. *see* Fefer, E. 2027
Leibovitz, C. *see* Schnitzer, I. 53976
Leich, H. *see* Fontaine, V. 15064
Leich, H. *see* Fontaine, V. 34639
Leich, M. *see* Moller, L. 47920
Leicht, H.W. Reflow-soldering and repair of BGAs. No problem? 20915
Leichtberg, S. *see* Chang, S.K. 8722
Leiderer, P. *see* Eisenmenger, J. 55118
Leiderer, P. *see* Schilling, A. 17861
Leiderman, A.Yu., Minbaeva, M.K. Mechanism of rapid growth of the direct current in semiconductor diode structures 12326
Leiderman, A.Yu. *see* Karazhanov, S.Z. 51568
Leidholm, C.R. *see* Basol, B.M. 37974
Leidl, A., Hartinger, R., Roth, M., Endres, H.-E. A new SO_2 sensor system with SAW and IDC elements 27711
Leifeld, O. *see* Buda, B. 12254
Leifer, L.J. *see* Mabogunje, A. 20697
Leigh, J.S. *see* Reddy, R. 59409
Leigh, R.J. *see* Das, V.E. 49503
Leight, J.E., Yoo, J., Willner, A.E. System design and performance of reconfigurable and simultaneous 2D multiple-plane WDM optical interconnects 44144
Leighton, T. *see* Andrews, M. 5871
Leiglon, E. *see* Sidler, T. 14227
Leiguang Gong *see* Foran, D.J. 59481
Leih, T.J., Harmse, J., Giannopoulos, E. Multiple source clustering: a probabilistic reasoning approach 25239
Leihkauf, R. *see* Mohr, U. 32137
Leijlan Liu *see* Liu Leijlan
Leijon, M. *see* Kheirmand, A. 38679
Leijtens, X.J.M., Le Lourec, P., Smit, M.K. S-matrix oriented CAD-tool for simulating complex integrated optical circuits 44310
Leilei Song *see* Satyanarayana, J.H. 1251
Leiling Yang *see* Yang Leiling
Leimkuhler, B. *see* Weizhang Huang 40212
Leiner, B.M., Cerf, V.G., Clark, D.D., Kahn, R.E., Kleinrock, L., Lynch, D.C., Postel, J., Roberts, L.G., Wolff, S.S. The past and future history of the Internet 47137
Leiner, B.M., Ruther, R.J., Sastry, A.R. Goals and challenges of the DARPA GloMo program [global mobile information systems] 19000
Leiner, W. *see* Behle, M. 27961
Leininger, B. *see* Lutes, C. 49960
Leino, R.E. *see* Pace, P.E. 56562
Leipner, H.S. *see* Uniewski, H. 31827
Leis, A.Arturo *see* Arturo Leis, A.
Leising, G., Ekstrom, O., Graupner, W., Meghdadi, F., Moser, M., Kranzeibinder, G., Jost, T., Tasch, S., Winkler, B., Athouel, L., Froyer, G., Scherf, U., Mullen, K., Lanzani, G., Nisoli, M., de Silvestri, S. Multicolor electroluminescence and stimulated emission of conjugated polymers and oligomers 23691
Leising, G., Tasch, S., Meghdadi, F., Athouel, L., Froyer, G., Scherf, U. Blue electroluminescence with ladder-type poly(para-phenylene) and para-hexaphenyl 23663
Leising, G. *see* Tasch, S. 42043
Leising, G. *see* Tasch, S. 44262
Leisner, T. *see* Kasparian, J. 55890
Leiss, T. A bridge to the PROFIBUS 6148
Leisten, J. *see* Izvorska, D. 19869
Leisten, J.M. *see* Lefedjiev, A.K. 20234
Leisten, O. *see* McCullagh, M. 58499
Leister, H.-J. *see* Friedrich, J. 10656
Leister, M.de A. *see* de A. Leister, M.
Leistiko, O. *see* Moss, D.J. 55263
Leistiko, O. *see* Poulsen, C.V. 52774
Leistner, A. *see* Blair, D.G. 33204
Leistner, A.J. *see* Collins, J.G. 27382
Leitao, J.M.N. *see* Figueiredo, M.A.T. 56992
Leitao, J.M.N. *see* Fred, A.L.N. 4504
Leitao, J.M.N. *see* Fred, A.L.N. 28377
Leitch, A.W.R. *see* Botha, J.R. 30785
Leitch, A.W.R. *see* Scriven, G.J. 52671
Leitch, R.M. *see* Arai, Y. 37267
Leitch, R.M. *see* Arai, Y. 37268
Leitch, W.E., Henle, B.U., Kohn, E. Photoluminescence analysis of InAlAs-InGaAs HFET material with varied placement of heavy δ-doping 2193
Leite, A.P.N. *see* Barros, P.P. 57690
Leite, E. *see* Bueno, P.R. 13052
Leite, E.R., Nobre, M.A.L., Longo, E., Varela, J.A. Microstructural development of ZnO varistor during reactive liquid phase sintering 938
Leite, E.R. *see* Muccillo, R. 21223
Leite, J.A.F., Hancock, E.R. Iterative spline relaxation with the EM algorithm 5361
Leite, J.A.F., Hancock, E.R. Iterative curve organisation with the EM algorithm 25669
Leite, J.A.F., Hancock, E.R. Iterative curve organisation with the EM algorithm 56656
Leite, J.R. *see* Lino, A.T. 32004
Leite, J.R. *see* Teles, L.K. 2014
Leite, J.R.R. *see* de Oliveira, P.C. 44353
Leite, J.R.Rios *see* Rios Leite, J.R.
Leite, N.F. *see* Corat, E.J. 30904
Leite, N.J. An SIMD parallel algorithm for classifying binary image contours based on mathematical morphology 57486
Leite, N.J. *see* Fernandes, C.R.C. 57492
Leite da Silva, A.M. *see* Mello, J.C.O. 60256
Leitenstorfer, A. *see* Furst, C. 1999
Leitenstorfer, A. *see* Furst, C. 55587
Leith, D.J., Leithead, W.E. Performance enhancement of wind turbine power regulation by switched linear control 9141
Leith, D.J., Leithead, W.E. Implementation of wind turbine controllers 60631
Leith, D.W.G.S. *see* Abe, K. 37234
Leith, E., Naulleau, P., Dilworth, D. Ensemble-averaged imaging through highly scattering media 4119
Leithead, C. The processing of offenders–whose responsibility? 27183
Leithead, W.E., Rogers, M.C.M. Drive-train characteristics of constant speed HAWT's. I. Representation by simple dynamic models 29191
Leithead, W.E., Rogers, M.C.M. Drive-train characteristics of constant speed HAWT's. II. Simple characterisation of dynamics 29192
Leithead, W.E. *see* Leith, D.J. 9141
Leithead, W.E. *see* Leith, D.J. 60631
Leitloff, V., Feuillet, R., Griffel, D. Detection of resistive single-phase earth faults in a compensated power-distribution system 50552
Leitner, A. *see* Gotschy, W. 874
Leitner, D.W. Sculpting with light [film making trends] 48227
Leitold, H. *see* Andrikopoulos, I. 35506
Leitz, W.E., Modi, G., Parekh, N., Sabin, E., Taylor, R.V. Effects of a post-emitter RTP on bipolar NPN beta degradation lifetime for 1.0 micron and 0.8 micron BiCMOS processes 23016
Leizerovich, A.S. Information support for the operating personnel of a thermal power station during transients and their post-operative analysis 19540
Leizhen Cai, Schieber, B. A linear-time algorithm for computing the intersection of all odd cycles in a graph 30501
Lejars, F. *see* Clay, P. 49023
Lejdebrink, U. *see* Steinvall, O. 8499
Lejun Wang *see* Carr, W.W. 33846
Lejus, A.M., Pelletier-Allard, N., Pelletier, R., Vivien, D. Site selective spectroscopy of Nd ions in gehlenite ($Ca_2Al_2SiO_7$), a new laser material 3587
Lejus, A.M. *see* Simondi-Teisseire, B. 14024
Lekakis, I. Calibration and signal interpretation for single and multiple hot-wire/hot-film probes 17250
Lekane, Th., Gheury, J., Van Hecke, J. Assessing the impact of operating constraints and operating policy on the reliability level of a generation system 28826
Lekas, S. Searching for the right data acquisition software 58654
Lekkala, J., Poramo, R., Nyholm, K., Kaikkonen, T. EMF force sensor–a flexible and sensitive electret film for physiological applications 18191
Lekkas, Th. *see* Haralambopoulos, D.A. 50864
Leksin, G.A. *see* Akimov, V.A. 28024
Lel, J. *see* Bae Ho Park 52676
Leland, J.E. *see* Streby, M.A. 29257
Leland, K.J. *see* Hansen, G.L. 28217
Leland, R. An alternate calculation of the discrete-time Kalman filter gain and Riccati equation solution 15216
Leland, W.E. *see* Saito, T. 6087
Lelarge, F., Melin, T., Laruelle, F. Electronic properties of lateral GaAs/AlAs superlattices 12394
Lelarge, F. *see* Etienne, B. 810
Lelaurin, L. *see* Devlaminck, V. 46511
LeLetty, R. *see* Claeyssen, F. 19781
Leleu, B. *see* Kurkov, A.S. 43971
Leleu, B. *see* Kurkov, A.S. 43983
Lelis, A.J., Murrill, S.R., Oldham, T.R., Robertson, D.N., Manning, M. Radiation response of advanced commercial SRAMs 21697
Lelis, A.J. *see* Oldham, T.R. 42341
Leliveld, C.J., Maas, J.G., Bom, V.R., van Eijk, C.W.E. Monte Carlo modeling of coherent scattering: influence of interference 28234
Lelkes, A., Gartner, P., Besenyei, P., Sturm, J. New chipset for intelligent digital servo drives 39282
Lellouch, E. *see* Pardo, J.R. 38066
Lemahieu, I. *see* De Neve, P. 15610
Lemahieu, I. *see* Denecker, K. 15603
Lemahieu, I. *see* Van De Walle, R. 46266

Lemaire, D., Cros, D., Jallageas, H., Guillon, P. Material characterisation from –160°C up to 800°C in centimeter and millimeter wavelength frequency band 17746
Lemaire, D., Fernandes, C., Sobieski, P., Barbosa, A. A method to overcome the limitations of G.O. in axis-symmetric dielectric lens shaping 14718
Lemaire, E. *see* Bossis, G. 10973
Lemaire, E.D., Goudreau, L., Jeffreys, Y. A CAD CAM digitizing adapter for spinal casts 8143
Lemaire, E.D., Johnson, F. A quantitative method for comparing and evaluating manual prosthetic socket modifications 28429
Lemaire, J., Le Moigne, O. Development of a scene recognition system with imprecise descriptions 57475
Lemaire, J.F. *see* Meuris, P. 27125
Lemaire, J.L., Fleury, X., Piquemal, A. Self-consistent effects of space charge compensation on intense ion beams 49167
Lemaire, M. Reliability and mechanical design 39927
Lemaire, M.C. *see* Aleksan, R. 59201
Lemaire, P.C. *see* Georges, M.P. 14423
Lemaire, T. Coupled-multipole formulation for the treatment of electromagnetic scattering by a small dielectric particle of arbitrary shape 45156
Lemaire-Semail, B. *see* Delforge-Delmotte, C. 38729
Lemaire-Semail, B. *see* Leplat, P.M. 29299
Lemaitre, F. *see* Pascal, O. 45356
Leman, B. Power factor correction circuit cuts component count 29440
Leman, P. *see* Deyres-Pescay, C. 50139
Leman, Z. *see* Debnath, N. 18551
Lemarie, B., Debroise, A.-G. A dynamical architecture for a radial basis function network 21109
Lemarie, B., Gilloux, M., Leroux, M. Handwritten word recognition using contextual hybrid radial basis function network/hidden Markov models 57044
Lemarie-Rieusset, P.G. On the existence of compactly supported dual wavelets 52401
Lematta, R.A. *see* Yssel, W.J. 27082
LeMay, D., Sheriff, D. A user's guide to accurate gas flow calibration 7137
Lemay, J. *see* Brochu, J. 50433
Lemay, J. *see* Sybille, G. 8853
Lemay, L. HTML coding: tricks with tables 6210
Lemay, L. Animating your Web page 26163
Lembert, J. *see* Braun, M. 11421
Lembeye, Y., Keradec, J.P., Lafore, D. Measurement of losses of fast power switches. Impact of typical causes of inaccuracy 41569
Lembo, L. *see* Lai, R. 36117
Lembo, L. *see* Wickham, M. 56211
Lembo, L. *see* Zmudzinski, C. 58359
Leme, C.Azeredo *see* Azeredo Leme, C.
Lemeilleur, F. *see* Dezillie, B. 59248
Lemenovski, D. *see* Crotty, I. 59276
Lemer Bao-Ting *see* Bao-Ting Lemer
Lemercier-Lelanne, D. *see* Lalanne, P. 45155
Lemerdy, B. *see* Mathoorasing, D. 58296
Lemerle, P. *see* Pouliquen, H. 50327
Lemesch, G., Praxl, G. Electrostatic charging tendency of insulating fluids 38791
Lemeshko, V.V. *see* Karpov, G.M. 14464
Lemin Li *see* Xiaofeng Dong 47641
Lemin Li *see* Li Lemin
Leminger, O., Zengerle, R. Fully vectorial eigenmode calculation of dielectric waveguides using a Rayleigh-Ritz method with rational basis functions 55244
Lemiti, M. *see* Kaabi, L. 32117
Lemke, E., Schmiegel, P., Elze, H., Russwurm, D. Procedure for evaluation of dielectric properties based on complex discharge analyzing (CDA) 8910
Lemke, H. Anwendung der Diskreten Dipol-Approximation zur Modellierung von Radar-Rückstreuung an Eiskristallen bei 94 GHz (Application of the discrete dipole approximation to model backscattering of radar waves by ice crystals at 94 GHz) 56052
Lemke, L. *see* Singer, A. 53858
Lemke, R. *see* Hendricks, K. 11231
Lemke, R.W. *see* Agee, F.J. 53979
Lemkowitz, S.M., Bibo, B.H., Lameris, G.H., Bonnet, J.A.B.A.F. From small scale, short term to large scale, long term: integrating "sustainability" into engineering education 30034
Lemley, T.A. Domain management OSSs: bridging the gap between legacy and standards-based network management systems 16174
Lemm, C. *see* Kollakowski, S. 48543
Lemma, A.N., Deprettere, E.F., Yu, Y., Tan, S. Multiscale nonlinear system modeling using wavelet networks 25175
Lemme, H. Chip cards. 3. Security aspects and encryption methods 4482
Lemme, H. Fast spread-spectrum modem on a chip 6381
Lemme, H. Hi-Fi stereo sound on a chip: high power audio amplifier ICs 17118
Lemme, H. Gallium arsenide integrated circuits now quantity products. 1. Success of the joint III-V Electronics Project 22921
Lemme, H. Gallium arsenide ICs become quantity products. 2. Digital ICs and and quantum elements 22934
Lemme, H. Battery-charging: trend towards perfection. II. Still longer lifetimes with new ICs 38881
Lemme, H. Smart power IC for dimming circuit: reduced number of components 39421
Lemme, H. Miniature gas sensors for battery operation 58875
Lemme, R. *see* Reindl, T. 10914
Lemmerling, P., De Moor, B., Van Huffel, S. On the equivalence of constrained total least squares and structured total least squares 530
Lemmings, B. End use monitoring: Wal-Mart Supercenter, Moore, Oklahoma 29932
Lemmon, J.J. Wideband model of man-made HF noise and interference 56065
Lemmon, J.J. *see* Mastrangelo, J.F. 26480
Lemmon, M., Antsaklis, P.J. A hybrid systems approach to output scheduling in ATM based real time systems 5729
Lemoff, B.E. *see* Barty, C.P.J. 13910
LeMoigne, J. *see* Kaymaz, E. 60029
Lemoine, D. Highly accurate discrete Bessel representation of beam propagation in optical fibers 43931
Lemoine, D. *see* Zugaj, D. 46512
Lemoine, F., Jouvard, J.M., Andrzejewski, H., Grevey, D.F. Influence of the nature of optical fibers in materials treatment by Nd:YAG lasers 4167
Lemoine, J. *see* Loum, G. 35360
Lemoine, O., Abry, P. Redundancy in a frame of wavelets-based matched-filter 34944
Lemoine, P. *see* Khalil, W. 48922
Lemon, B.I., Hupp, J.T. Photochemical quartz crystal microbalance study of the nanocrystalline titanium dioxide semiconductor electrode/water interface: simultaneous photoaccumulation of electrons and protons 2292
Lemonde, P. *see* Laurent, P. 27221
Lemonds, C. A high throughput 16 by 16 bit multiplier for DSP cores 1439
Lemonds, C. A 500 MHz, one volt, 16 by 16 bit multiplier for DSP cores 31189
Lemonds, C. *see* Mahant-Shetti, S.S. 11322
Lemonias, P.J. *see* Hur, K.Y. 32443
Lemonne, J., Vander Velde, C., Verbeure, F. *(editors)* Proceedings of the International Europhysics Conference on High Energy Physics, HEP 95 20329
Lemonnier, E., Vautrin, P., Mason, J., Augousti, A.T. An inexpensive liquid crystal characterization facility 52016
Lemor, P.C. The roller screw, an efficient and reliable mechanical component of electro-mechanical actuators 19940
Lemordant, D. *see* Ribes, A.T. 9521
Lemos, J.M. *see* Soares, A.O. 50781
Lemose, J.M. *see* Silva, R.N. 39224
Lempel, O., Peleg, A., Weiser, U. Intel's MMX™ technology–a new instruction set extension 41229
Lempert, W.R. *see* Forkey, J.N. 44425
Lempert, W.R. *see* Grinstead, J.H. 59083
Lempiainen, J.J.A., Nikoskinen, K.I., Juntunen, J.O. Multistate phase diversity microcell antenna 45398
Lempiainen, J.J.A. *see* Nikoskinen, K.I. 35939
Lempicki, A. *see* Moszynski, M. 33251
Lemstrom, G., Parnanen, P. Color line scan technology: New tool for industrial process & quality control application 34992
Lemyaskina, E.A. *see* Voloshinov, V.B. 23604
Len, P.M., Gog, T., Fadley, C.S., Materlik, G. X-ray fluorescence holography and multiple-energy X-ray holography: a critical comparison of atomic images 44765
Len Lee Chung *see* Chung Len Lee
Lena, P. *see* Cesarsky, C.J. 36548
Lena, R. *see* Salloum, A. 6461
Lenadan, T. *see* Amari, S. 24522
Lenahan, P. *see* Fuller, R. 21386
Lenahan, P.M. *see* Conley, J.F., Jr. 22474
Lenahan, P.M. *see* Filter, W.F. *(editor)* 39546
Lenan Wu *see* Rong Ding 14802
Lenarcic, J. *see* Leonardi, M. 37693
Lenardi, C. *see* Hammer, P. 40617
Lenc, M. *see* Lencova, B. 31733
Lenc, M. *see* Lencova, B. 33823
Lencioni, D. *see* Seery, B.D. 60094
Lencioni, L. *see* Carrozza, M.C. 28402
Lencova, B., Lenc, M. The use of the first order FEM for the computation of magnetic electron lenses 31733
Lencova, B., Lenc, M. Accurate computation of higher multipole components of electrostatic and magnetic deflectors with the first order FEM 33823
Lenders, P.M. *see* Dunstan, N. 25590
Lenef, A., Hammond, T.D., Smith, E.T., Chapman, M.S., Rubenstein, R.A., Pritchard, D.E. Rotation sensing with an atom interferometer 27913
Leners, R. *see* Foursa, D. 44384
Lenfant, A. Competition in the local loop: a regulatory prospect 47403
Lenferink, A.T.M., Schipper, E.F., Kooyman, R.P.H. Improved detection method for evanescent wave interferometric chemical sensing 48440
Leng, G. Compression of aircraft aerodynamic database using multivariable Chebyshev polynomials 37951
Leng, J.S., Liu, Y.J., Du, S.Y., Deng, Y., Wang, D.F. Dynamic characteristics of a beam specimen featuring electrorheological fluids 40695
Leng, L. *see* Koehler, S.D. 6775
Leng, L. *see* Kutz, J.N. 55198
Leng, M. *see* Klimeck, G. 54579
Leng, M. *see* Lake, R. 2737
Leng Poh Kim *see* Kim Leng Poh
Lengagne, R., Fua, P., Monga, O. Using crest lines to guide surface reconstruction from stereo 5044
Lengagne, R., Monga, O., Fua, P. Using crest lines to guide surface reconstruction from stereo 57450
Lengeler, B. *see* Klemradt, U. 12283
Lengeling, G. *see* Beccard, R. 40330
Lengeling, G. *see* Schmitz, D. 21310
Lengelle, R. *see* Richard, C. 34952
Lenghwa Chang, Graber, H.L., Barbour, R.L. Luminescence optical tomography of dense scattering media 28153
Lengricht, J., Graw, K.-U. Particle motion in propagating waves–visualization and image processing 38080
Lengwehasatit, K., Ortega, A. DCT computation with minimal average number of operations 56622
Lenhan, P.M. *see* Conley, J.R., Jr. 22461
Leniowski, R. Synthesis of digital servo-controller for brushless motor 9268
Lenisa, P. *see* Atutov, S.N. 3497
Lenkisch, A. Screened layout of computer backplanes to reduce electromagnetic interference emissions 56069
Lennard, C.K., Buch, P., Newton, A.R. Logic synthesis using power-sensitive Don't Care sets 11325
Lennard, C.K., Newton, A.R. An estimation technique to guide low power resynthesis algorithms 21615
Lennard, W.N. *see* Huang, L.J. 54288
Lennard, W.N. *see* Koutzarov, I.P. 22585
Lennard, W.N. *see* Rodriguez-Fernandez, L. 2390
Lennartz, C. *see* Huish, P. 26389
Lenning, L.G., Shah, A., Ozguner, U., Bibyk, S.B. Integration of VLSI circuits and mechanics for vibration control of flexible structures 43391
Lennon, W.J. The National Transparent Optical Network (NTON): moving key WDM technologies off the lab bench into public and private networks 36145
Lenoir, M.F. Data links between ground and cars 7009
Lenoir, S. *see* Lucidarme, O. 37641
Lensa, W.von *see* von Lensa, W.
Lensch, P. Inert soldering, chances and opportunities 52194
Lenski, M., Comes, F.J. Substrate temperature dependent photoelectrical and structural properties of a-Si:H deposited by hydrogen assisted chemical vapour deposition 30947
Lenssen, N., Flavin, C. Sustainable energy for tomorrow's world. The case for an optimistic view of the future 8990
Lenstra, A.K. Generating standard DSA signatures without long inversion 4552
Lenstra, A.K. *see* Cowie, J. 14799
Lenstra, D., Wieland, J., Mirasso, C.R. Can one prevent a diode laser with optical feedback from coherence-collapse operation without using optical isolators? 26809
Lenstra, D. *see* DeTienne, D.H. 55684
Lenstra, D. *see* Dubbeldam, J.L.A. 44544
Lenstra, D. *see* Haes, J. 23535
Lenstra, D. *see* Haes, J. 55251
Lenstra, D. *see* van der Graaf, W.A. 33568
Lenstra, D. *see* Wieland, T. 55702
Lenstra, K. *see* Leusenkamp, M.B.J. 29500
Lent, B. *see* Hoke, W.E. 42150
Lent, C.S. *see* Toth, G. 31444
Lentine, A.L., Goossen, K.W., Walker, J.A., Chirovsky, L.M.F., D'Asaro, L.A., Hui, S.P., Tseng, B.J., Leibenguth, R.E., Cunningham, J.E., Jan, W.Y., Kuo, J.-M., Dahringer, D.W., Kossives, D.P., Bacon, D.D., Livescu, G., Morrison, R.L., Novotny, R.A., Buchholz, D.B. High-speed optoelectronic VLSI switching chip with >4000 optical I/O based on flip-chip bonding of MQW modulators and detectors to silicon CMOS 3660
Lentine, A.L., Goossen, K.W., Walker, J.A., Chirovsky, L.M.F., D'Asaro, L.A., Hui, S.P., Tseng, B.T., Leibenguth, R.E., Cunningham, J.E., Jan, W.Y., Kuo, J.M., Dahringer, D., Kossives, D., Bacon, D.D., Livescu, G., Morrison, R.L., Novotny, R.A., Buchholz, D.B. Optoelectronic VLSI switching chip with greater than 4000 optical I/O based on flip chip bonding of GaAs-AlGaAs MQW modulators and detectors to silicon CMOS 33316
Lentine, A.L., Reiley, D.J., Novotny, R.A., Morrison, R.L., Sasian, J.M., Beckman, M.G., Buchholz, D.B., Hinterlong, S.J., Cloonan, T.J., Richards, G.W., McCormick, F.B. Asynchronous transfer mode distribution network by use of an optoelectronic VLSI switching chip 58290
Lentine, A.L. *see* Goossen, K.W. 16494
Lentine, A.L. *see* Hinterlong, S.J. 35886
Lentine, A.L. *see* Novotny, R.A. 35885
Lentine, A.L. *see* Woodward, T.K. 3663
Lentz, C. *see* Caputo, C. 10178
Lentz, D. *see* Ambacher, O. 10776
Lentz, D. *see* Ambacher, O. 40451

Lentz, K.P., Manolakos, E.S., Czeck, E.C. A multiple domain environment for efficient simulation 53194
Lenz, G. *see* Nelson, L.E. 3729
Lenz, M. *see* Bogen, M. 6223
Lenz, M. *see* Bogen, M. 16391
Lenz, R. *see* Hauta-Kasari, M. 5568
Lenze, B. Dilation and translation for incomplete sigma-pi neural networks of Hopfield-type–a case study 56557
Lenzing, A. *see* Cribier, M. 59193
Lenzini, L. *see* Anastasi, G. 46721
Leo, A.J., Kush, A.K., Farooque, M. Development and demonstration of direct carbonate fuel cell systems at Energy Research Corporation 19662
Leo, D.J. *see* Anderson, E.H. 49903
Leo, G., Assanto, G., Torruellas, W.E. Intensity-controlled interactions between vectorial spatial solitary waves in quadratic nonlinear media 24243
Leo, G. *see* Cacciatore, C. 44720
Leo, G. *see* Coriasso, C. 13653
Leo, G. *see* Mazzer, M. 40479
Leo, K. Optical investigations of Bloch oscillations in semiconductor superlattices 42161
Leo, K. *see* Puech, K. 12308
Leo, K. *see* Puech, K. 39079
Leo, K. *see* Zott, S. 39069
Leo, R.De *see* De Leo, R.
Leo, R.Di *see* Di Leo, R.
Leo, R.J. A corporate business excellence process 10188
Leo Giuseppe *see* Giuseppe Leo
Leo Wu, Z. *see* Govinda Raju, G.R. 32614
Leobandung, E., Chou, S.Y. Reduction of short channel effects in SOI MOSFETs with 35 nm channel width and 70 nm channel length 2696
Leobandung, E. *see* Langjie Guo 41176
Leobandung, E. *see* Lingjie Guo 32472
Leobandung, E. *see* Lingjie Guo 32474
Leocani, L. *see* Gerloff, C. 59642
Leon, A.G.De *see* De Leon, A.G.
Leon, B. *see* Chiussi, S. 900
Leon, B. *see* Larciprete, R. 800
Leon, B. *see* Redondas, X. 2075
Leon, B.J. *see* Jianxin Li 46941
Leon, F.A. *see* Wang, E.X. 12161
Leon, J.S. *see* Pless, V. 56337
Leon, L. *see* Conde, L. 23211
Leon, L.J. *see* Awada, A. 49738
Leon, L.J. *see* Nour, C.A. 59581
Leon, L.J. *see* Zhenyao Xu 59375
Leon, M.E.C.Coss y *see* Coss y Leon, M.E.C.
Leon, P.L.De *see* De Leon, P.L.
Leon, R. *see* Fuentes, J. 741
Leon, R. *see* Marcinkevicius, S. 12227
Leon, R. *see* Ponce, L. 2057
Leon, R. *see* Stalnionis, A. 12253
Leon, R. *see* Wang, P.D. 12490
Leon, V.Jorge *see* Jorge Leon, V.
Leon-Garcia, A. *see* Arad, M.A. 16044
Leon-Garcia, A. *see* Hashemi, M.R. 16499
Leon-Garcia, A. *see* Khorsandi, S. 46553
Leon-Garcia, A. *see* Law, K.L. 5787
Leon-Garcia, A. *see* Sajadieh, M. 6502
Leon-Garcia, A. *see* Sajadieh, M. 45528
Leonard, C.M. *see* Vemuri, B.C. 18383
Leonard, D. *see* Wang, P.D. 12490
Leonard, D.B. *see* Rajavel, R.D. 27578
Leonard, D.J. *see* Wilcox, D.J. 19817
Leonard, F. Referencing the phase to the centre of the spectral window. Why? 60639
Leonard, G., Karaus, R., Timlin, H., Toft, J., Grebe, D. NightMaster, a new compact IR imaging system 17499
Leonard, J. *see* Deley, M. 53784
Leonard, J.J. *see* Bennett, A.A. 50157
Leonard, J.J. *see* Kim, J.H. 50107
Leonard, M. *see* Kong, H.-S. 13884
Leonard, P.J., Rodger, D. Comparison of methods for modelling jumps in conductivity using magnetic vector potential based formulations 44949
Leonard, P.J. *see* Lai, H.C. 50904
Leonard, P.J. *see* Rodger, D. 44950
Leonard, P.J. *see* Rodger, D. 50872
Leonard, R. *see* Primrose, P.L. 20449
Leonard, T.R. *see* Herzog, W. 7874
Leonard, T.R. *see* Koh, T.J. 37828
Leonardelli, P. *see* Carpita, M. 51778
Leonardi, E., Neri, F., Gerla, M., Palnati, P. Congestion control in asynchronous, high-speed wormhole routing networks 6144
Leonardi, E. *see* Alexeev, G. 59200
Leonardi, E. *see* Baccaro, S. 37459
Leonardi, E. *see* Bianco, A. 47496
Leonardi, E. *see* Geria, M. 57907
Leonardi, E. *see* Palnati, P. 47190
Leonardi, F., Matsuo, T., Li, Y., Lipo, T.A., McCleer, P. Design considerations and test results for a doubly salient PM motor with flux control 29226
Leonardi, F. *see* Huang, S. 29250
Leonardi, M., Lenarcic, J. Fourier transform profilometry for measurements of human back shape 37693
Leonardi, R. *see* Corghi, A. 56860
Leonardi, R. *see* Corghi, A. 57355
Leonardi, R. *see* Prandini, M. 46549
Leonardi, R. *see* Prandini, M. 46555
Leonardi, R. *see* Radha, H. 15482
Leonardi, S. *see* Alimonti, P. 40060
Leonardi, S. *see* Awerbuch, B. 16800
Leonardis, A. *see* Menard, C. 5318
Leonardis, A. *see* Stricker, M. 15715
Leonardis, A. *see* Werner, T. 46270
Leonardis, S. *see* Turk, M. 16687
Leonardo, E.J., Lin Zhang, Vucetic, B. Suboptimum multistage decoding of multilevel block codes 4476
Leonchuk, M.P. *see* Gromov, B.F. 37192
Leone, A., Bellini, A., Guerrieri, R. Fuzzy-controlled perceptual coding of videophone sequences 57424
Leone, A., Bulgarelli, B., Gabella, M., Perona, G. Aerosol properties from blurring effect in remotely sensed images 8438
Leone, A. *see* Lolos, G.J. 59197
Leone, A. *see* Perrino, R. 37264
Leone, A.M. *see* Umbach, A. 33272
Leone, G. *see* Isernia, T. 15352
Leone, M., Lucantonio, M., Cataldi, F., Vannelli, A. Setting up and integrating the first ATM commercial network in Italy 26181
Leone, P. *see* Wietfeldt, R.D. 17009
Leone, S.R. *see* Ott, A.K. 52688
Leonelli, R. *see* Tran, C.A. 41960
Leong, A., Smith, R.P. Is design quality a function of time? 10008
Leong, C.H., Roberts, G.W. High-order bandpass sigma-delta modulators for high speed D/A applications 41271
Leong, F., Mylavarabhata, S.P., Nguyen, T., Quemada, F. Distributed processing environment: a platform for distributed telecommunications applications 6336
Leong, H.V. *see* Chow, C.L. 25782
Leong, H.V. *see* Si, A. 16331
Leong, J.S. *see* van der Plaats, J.C. 17074
Leong, K.C. *see* Yang, L.Y. 20875
Leong, M.S. *see* Deng, T.Q. 11717
Leong, M.S. *see* Deng, T.Q. 53539
Leong, M.S. *see* Dong, Y.C. 34139
Leong, N. *see* Chen, J.C. 1414
Leong, S. *see* Lau, Y.C. 53637
Leong, W. *see* Turner, J. 12809
Leong, W.H. Developing an underfill process for dense flip chip applications 30259
Leong Mook-Seng *see* Mook-Seng Leong
Leong Tham Joo *see* Joo Leong Tham
Leonhard, W. *see* Richter, H. 53826
Leonhardt, G. Ultra-high vacuum and switchgear technology–a late but promising marriage 29499
Leonhardt, J.W., Kuster, A., Neff, H. Two channel detector, combining neutron backscattering and active electro-magnetic metal detection 8621
Leonhardt, J.W. *see* Rohrbeck, W. 8603
Leonhardt, R. *see* Barry, L.P. 13581
Leonhardt, R. *see* Barry, L.P. 55197
Leonhardt, R. *see* Dudley, J.M. 55217
Leonhardt, R. *see* Murdoch, S.G. 3364
Leonhardt, R.W. Low-level pulsed 1064 nm laser radiometer transfer standard 48288
Leonhardt, U., Magee, J., Dias, P. Location service in mobile computing environments 16254
Leoni, R.E., Hwang, J.C.M. Effects of reverse gate-drain breakdown on gradual degradation of power PHEMTs 32447
Leoni, R.E. *see* Shirokov, M.S. 32345
Leoniak, Z. Marketing in Polish Telecom 16153
Leonida, G. *see* MacLeod Ross, W. 11856
Leonida, G. *see* MacLeod Ross, W. 53750
Leonidaki, E.A. *see* Georgantzis, G.J. 8895
Leonov, M.S. *see* Karpov, A.M. 49950
Leonov, M.S. *see* Zhodzishskii, I. 46993
Leonov, P. *see* Coons, E.M. 32375
Leonov, S. *see* Zhodzishskii, I. 49877
Leonova, L. *see* Dobrovolsky, Yu. 27750
Leonova, L. *see* Ukshe, A. 36738
Leonowicz, M., Kaszuwara, W., Wojciechowski, S., Davies, H.A. Irreversible losses of magnetisation in Fe-Nd-B type magnets 3114
Leonski, W., Dyrting, S., Tanas, R. Kicked nonlinear Kerr medium and Fock states generation 55902
Leontakianakos, A.N. C-band clear air propagation and ducting in coastal West Africa 14603
Leont'ev, G.E. A wide-range logarithmic current-to-voltage converter 11621
Leont'ev, G.E. Logarithmic instruments for analysis of the current-voltage characteristics of semiconductor devices 17599
Leontiev, L.A. *see* Aulchenko, V.M. 37250
Leontiew, H. *see* Warnecke, P. 17172
Leopold, H., Hirn, R. The bookshop project: An Austrian interactive multimedia application case study 16424
Leopold, J., Gunther, H. Measuring of the 3D-topography of curved surfaces 27915
Leopold, J. *see* Schnitzer, I. 53976
Leotin, J. *see* Knap, W. 54169
Leotin, J. *see* Lisunov, K.G. 31896
Leotta, D. *see* Martin, R.W. 28128
Leotta, D.F., Detmer, P.R., Gilja, O.H., Jing-Ming Jong, Martin, R.W., Primozich, J.F., Beach, K.W., Strandness, D.E. Three-dimensional ultrasound imaging using multiple magnetic tracking systems and miniature magnetic sensors 28124
Leotta, D.F. *see* Xiang-Ning Li 28127
Leotta, N. *see* Cali, A. 8879
Leou, R.C., Lu, C.N. Improving feeder voltage calculation results with telemetered data 8885
Leou Jin-Jang *see* Jin-Jang Leou
Leou Rong-Ceng *see* Rong-Ceng Leou
Lepaludier, V., Scudeller, Y. A transient method of thermal characterization of double heterostructure laser diodes 44559
Lepaul, S., Bouillault, F., De Lustrac, A. Simulation of electron states in quantum wires with mixed finite elements 12425
Lepaul, S. *see* Aniel, F. 54695
Lepek, A. Clock prediction and cross-sigma 27281
Lepek, A. *see* Allan, D.W. 48307
Lepers, C., Zehnle, V., Hennequin, D., Dangoisse, D., Barsella, A., Arimondo, E. Reconstruction of the transverse dynamics of a bimode CO_2 laser 23739
Lepers, C., Zehnle, V., Hennequin, D., Dangoisse, D., Glorieux, P., Barsella, A., Arimondo, E. Amplitude and phase reconstruction of a doughnut pattern in a CO_2 laser 13926
Lepert, A. *see* Kalnitsky, A. 54242
Lepert, A. *see* Kalnitsky, A. 54496
Lepetaev, A.N., Kosykh, A.V. Theoretical and experimental investigations of frequency transient process caused in crystal plates under local heating 23271
Lepetit, L. *see* Cheriaux, G. 17830
Lepinasse, E. *see* Goetz, V. 39435
Leping Zha *see* Carlson, J.W. 28172
Lepkowski, S.P., Bugajski, M. Carrier transport modelling in GRIN-SCH-MQW semiconductors lasers 3814
Leplan, H. *see* Robic, J.Y. 3568
Leplan, H. *see* Robic, J.Y. 40540
Leplat, P.M., Lemaire-Semail, B., Clenet, S., Piriou, F. Comparison between finite element method and magnetic equivalent scheme to model an induction machine 29299
Lepley, B. *see* Dandache, A. 11317
Lepley, B. *see* Elmazria, O. 32415
Lepley, T. *see* Hickman, T. 50822
Lepley, T. *see* Shugar, D.S. 51595
Lepore, A. *see* Martint, G.H. 43140
Leporini, D. *see* Pesquet, J.-C. 24950
Leppaevuori, S. *see* Remes, J. 52824
Leppaevuori, S. *see* Wang, F. 52755
Leppala, K., Korhonen, J., Ruuska, P., Toivanen, J., Paivike, H. Real-time approach for development of scientific space instrument software 8264
Leppanen, K. *see* Massi, M. 48194
Leppanen, V. *see* Kautonen, A. 16685
Leppanen, V.-P. *see* Keinonen, T. 44739
Leppavuori, S., Remes, J., Moilanen, H. Laser chemical vapour deposition of Cu and Ni in integrated circuit repair 54490
Leppavuori, S. *see* Golovanov, V. 27715
Leppavuori, S. *see* Levoska, J. 52690
Leppavuori, S. *see* Lozinski, A. 30973
Leppavuori, S. *see* Porjesz, T. 23393
Leppavuori, S.I., Uusimaki, A.K. Advanced thick film techniques for multilayer structures and sensors 27542
Leppert, V.J., Risbud, S.H., Fendorf, M.J. High-resolution electron microscopy and microanalysis of ZnSe quantum dots in glass matrices 32977
Leppert, V.J. *see* Goodwin, T.J. 2023
Leppitsch, M.J., Hobbs, B.F. The effect of NO_x regulations on emissions dispatch: a probabilistic production costing analysis 19526
LeQuang, D., Zaccarin, A. Motion field and image intensity segmentation for object-oriented coding of video sequences 56879
Lequesne, B., Buyun Liu, Nehl, T.W. Eddy current machines with permanent magnets and solid rotors 29225
Lequime, M. *see* Michie, C. 17454
Lerallut, J.-F. *see* De Leon, A.G. 28289
Lerallut, J.-F. *see* Morr, C.E. 37932
Leray, I., Vernieres, M.-C., Loucif-Saibi, R., Bied-Charreton, C., Faure, J. Porphyrins as probe molecules in the detection of gaseous pollutants. I: Diffusion of pyridine in polystyrene films containing zinc-tetraphenylporphyrin 48710
Leray, J.-L., Paillet, P., Autran, J.-L. An overview of buried oxides on silicon: new processes and radiation effects 32139
Leray, J.-P. *see* Lebrun, F. 37347
Leray, J.L. *see* Autran, J.L. 22841
Leray, J.L. *see* Baggio, J. 24015
Leray, J.L. *see* Brisset, C. 22845
Leray, J.L. *see* Flament, O. 23013
Leray, P. New advances in neuro-visual simulation and symbolic extraction for real world computing, 3D image analysis and 3D object digitization 15737
Leray, P., Gallinari, P., Didelet, E. Diagnosis tools for telecommunication network traffic management 16179
Leray, P., Gallinari, P., Didelet, E. A neural network modular architecture for network traffic management 57761
Leray, S. *see* Martinez, E. 49350
Lercel, M.J., Whelan, C.S., Craighead, H.G., Seshadri, K., Allara, D.L. High-resolution silicon patterning with self-assembled monolayer resists 22728
Lercel, M.J. *see* Whelan, C.S. 22628
Lerch, E. *see* Xianzhang Lei 60214
Lerch, M.L. *see* Neves, B.R.A. 12391
Lerch, P. *see* Luginbuhl, P. 13163
Lerch, R. *see* Kaltenbacher, M. 43733

Lerch, T.P. *see* Schmerr, L.W., Jr. 38136
Lerch, W. Ion implantation and rapid thermal annealing in synergy for shallow junction formation 42395
Lerche, R.A. Neutron-induced noise in National Ignition Facility-class diagnostic instruments 36668
Lereah, Y. *see* Gladkikh, A. 42746
Lereah, Y. *see* Gladkikh, A. 42755
Lerebourg, B. *see* Engdahl, G. 3040
Lerer, A., Tsvetkovskaya, S. Universal method of the analysis of multilayered planar lines and complex guides 45082
Lericolais, G. *see* Boujida, M. 49982
Leridon, B. Josephson noise in quasiparticle mixers 43798
Lerinman, N.K. *see* Tsidil'kovskii, I.M. 31849
Lerman, E.B. *see* Urnes, J.M., Sr. 59908
Lerme, M. *see* Raynaud, C. 22963
Lerme, M. *see* Ulmer, L. 40649
Lerminiaux, C. *see* Camy, P. 26837
Lerner, A. *see* Vainio, O. 1555
Lerner, E.J. Infrared array detectors create thermal images 7397
Lerner, E.J. Applications drive new detector technologies 36583
Lerner, M.Kh. *see* Makhkamov, Kh.Kh. 29157
Lerner, P., Cutler, P.H., Miskovsky, N.M. Theoretical analysis of field emission from a metal diamond cold cathode emitter 41776
Lerner, P., Cutler, P.H., Miskovsky, N.M. Theoretical analysis of a Geis-Spindt cold cathode diamond emitter 53916
Lerner, R.M. *see* Parker, K.J. 18187
Lernout, J., Van Calster, A., Schols, G. On the effective integration of resistors and capacitors into a MCM-Si design 1888
Leroux, D. *see* Millet, C. 61229
Leroux, M., Massies, J. Photoluminescence of molecular beam epitaxy grown (Al,Ga)Sb/GaSb single quantum wells 12405
Leroux, M. *see* Disseix, P. 42169
Leroux, M. *see* Gaillard, I. 59996
Leroux, M. *see* Grandjean, N. 30801
Leroux, M. *see* Lemarie, B. 57044
Leroux, M. *see* Monier, C. 12404
Leroux, M. *see* Morhain, C. 22358
Leroux, M. *see* Rossignol, V. 10719
Leroy, A. *see* Cordier, C. 39924
Leroy, A. *see* Nakajima, H. 6729
Leroy, A. *see* Nakajima, H. 26910
Leroy, B., Herlin, I.L., Cohen, L.D. Face identification by deformation measure 5635
Leroy, C. *see* Dezillie, B. 59248
Leroy, D. *see* Scanlan, R.M. 13516
Leroy, D. *see* Scanlan, R.M. 37053
Leroy, J. *see* Dupont, O. 57581
Leroy, J. *see* ShaoJun Wei 58058
Leroy, M. *see* Bicheron, P. 18765
Leroy, M. *see* Biggeri, U. 7827
Leroy, M. *see* Breon, F.-M. 50032
Leroy, M. *see* North, P.R. 8536
Leroy, N. *see* Chbat, M.W. 36170
Leroy, P.A. *see* Beauvais, P.-Y. 37207
Leroy, R. *see* Bruneteau, A.M. 37182
Leroy, R. *see* Graham, W.G. 37184
Leroy, Y. *see* Bocquet, B. 36468
Leroy, Y. *see* Derobert, X. 36858
Lersch, J.R., Iverson, A.E., Webb, B.N., West, K.F. Segmentation of multiband imagery using minimum spanning trees 15768
Lersch, J.R. *see* West, K.F. 18950
Lervik, J.M., Ramstad, T.A. Optimality of multiple entropy coder systems for nonstationary sources modelled by a mixture distribution 25358
Lervik, J.M., Rosten, T., Ramstad, T.A. Subband seismic data compression: optimization and evaluation 50016
Lervik, J.M. *see* Hjorungnes, A. 45642
Lervik, J.M., Waldemar, P. *(editors)* 1996 IEEE Digital Signal Processing Workshop Proceedings (Cat. No.96TH8225) 39577
Lesage, A. *see* Es-Satte, M. 7253
Lesage, A. *see* Es-Satte, M. 7253
Lesaicherre, P. *see* Yamaguchi, H. 41538
Lesaicherre, P.-Y. *see* Sone, S. 854
Lesaicherre, P.-Y. *see* Yoshida, M. 11441
Lesaint, O. Propagation of positive discharges in long liquid gaps 23120
Lesaint, O., Gournay, P., Saker, A., Tobazeon, R., Aubin, J., Mailhot, M. Streamer propagation and breakdown under AC in mineral oil for gaps up to 80 cm 23236
Lesaint, O., Massala, G. Transition to fast streamers in mineral oil in the presence of insulating solids 13305
Lesaint, O. *see* Massala, G. 23237
Lesaint, O. *see* Saker, A. 19791
Lesbros, V. From images to sounds, a dual representation 17110
Lescaul, B. *see* Flicstein, J. 897
Lesche, A. *see* Koch, L. 28073
Leschen, J.M. *see* Sanders, J.E. 49394
Lescouzeres, L. *see* Benamara, M. 32105
Lescroart, G. *see* Lapucci, A. 3696
Lesea, A. Timing is everything [telecommunication networks] 5983
Leseberg, G. *see* Slopek, R. 50811
Lesh, J., Deutsch, L., Edwards, C. Optical communications for extreme deep space missions 26866
Lesh, J.R. *see* Wilson, K.E. 6788
Lesh, M.D. *see* Ellis, W.S. 18476
Lesh, M.D. *see* Steiner, P.R. 59505
Lesh, M.D. *see* Wagner, M.B. 49733
Leshan Mao *see* Mao Leshan
Leshem, A. *see* Wax, M. 24947
Lesho, M.J., Sheppard, N.F., Jr. Adhesion of polymer films to oxidized silicon and its effect on performance of a conductometric pH sensor 48424
Lesieur, P. X-ray diffraction study of Langmuir-Blodgett mono- and multi-layers 31645
Lesieutre, B.C., Hagman, W.H., Kirtley, J.L., Jr. An improved transformer top oil temperature model for use in an on-line monitoring and diagnostic system 38770
Lesieutre, B.C. *see* Mamishev, A.V. 36523
Lesieutre, B.C. *see* Ramaswamy, G.N. 60220
Lesieutre, B.C. *see* Stankovic, A.M. 19731
Lesieutre, G.A., Lei Fang, Koopmann, G.H., Pai, S.P., Yoshikawa, S. Heat generation of a piezoceramic induced strain actuator embedded in a glass/epoxy composite panel 3009
Lesieutre, G.A. *see* Koopmann, G.H. 13345
Lesile, D. How to quickly pinpoint critical timing problems 31161
Leskela, M. *see* Asikainen, T. 52713
Leskela, M. *see* Ihanus, J. 52706
Leskela, M. *see* Kukli, K. 40404
Leskela, M. *see* Kukli, K. 52714
Leskelae, M. *see* Riihelae, D. 30807
Leskelae, M. *see* Riihelae, D. 31842
Leskelae, M. *see* Sarlund, J. 9552
Leski, J. *see* Czyz, Z. 49637
Leski, J. *see* Sosnowski, M. 49685
Leskosek, J. *see* Bizjak, M. 41567
Leskova, T.A. *see* Leyva-Lucero, M. 14322
Leslee Xu *see* Chen, L.T. 47193
Lesley, S. *see* Healey, R.C. 9585
Lesley, U. The intelligent network opens up for business 26276
Leslie, A.S., Moyes, A., McDonald, J.R., Burt, G.M., McGowan, J., Charlesworth, W. Intelligent system for the management of a hydro-electric scheme 19603
Leslie, D. *see* MacDonald, B. 8677
Leslie, S.G. *see* Motto, J.W., Jr. 31097
Lesmond, C. *see* Lottin, J.C. 49316
Lesnansky, E. *see* Chen, L.T. 6315
Lesniak, C. *see* Creech, G.L. 1073
Lesniak, P.A. *see* Cedercreutz, K. 39637
Lesnikovskii, A.E. *see* Bragilevskii, E.L. 19737
Lesnoi, M.A., Zubov, V.V., Chursin, A.D., Gaponov, S.S., Glikin, L.S. Applications of CVLs in the electronics industry 178
Lesnykh, V.V. Economic assessment of risk and compensation for damage from accidents on power installations 39655
Lesovik, G.B., Fauchere, A.L., Blatter, G. Nonlinearity in normal-metal-superconductor transport: scattering-matrix approach 43794
Lesperance, J. *see* Cheriet, F. 49438
L'Esperance, L.D. *see* Hiremath, B.V. 3391
Lesquen, A. *see* Ball, J. 18071
Lessard, J. *see* Faucher, D. 28868
Lessard, M.C., Van Nifterik, L., Masse, M., Penneau, J.F., Grob, R. Physicochemical characterization of the thermal aging of insulating paper in power transformers 19803
Lessard, M.C., Van Nifterik, L., Masse, M., Penneau, J.F., Grob, R. Thermal aging study of insulating papers used in power transformers 43540
Lessard, R.A. *see* Granger, A. 24083
Lessard, R.A. *see* Manivannan, G. 55935
Lessard, R.A. *see* Vinh Phuc Pham 43904
Lessick, J., Fisher, Y., Beyar, R., Sideman, S., Marcus, M.L., Azhari, H. Regional three-dimensional geometry of the normal human left ventricle using cine computed tomography 18300
Lessmann, D.K., Wack, O.K. Zero discharge; high performance semi aqueous cleaning of printed wiring assemblies with a new non ODC process 53789
Lessner, E., Cho, Y., Harkay, I., Symon, K. Longitudinal tracking studies for a high intensity proton synchrotron 18044
Lessner, E. *see* Cho, Y. 18043
Lessner, E. *see* Cho, Y. 18067
Lester, L. *see* Prasad, J. 42526
Lester, L.F., Brown, J.M., Ramer, J.C., Zhang, L., Hersee, S.D., Zolper, J.C. Nonalloyed Ti/Al ohmic contacts to n-type GaN using high-temperature premetallization anneal 2226
Lester, L.F. *see* Brown, J. 12541
Lester, L.F. *see* Gingrich, H.S. 23975
Lester, L.F. *see* Rudolph, W. 55389
Lester, L.F. *see* Zhang, L. 12785
Lester, M., Depine, R.A. Scattering of electromagnetic waves at the corrugated interface between index-matched media 4268
Lester, N., Saul, J. Logic synthesis for FPGAs using a mixed exclusive-/inclusive-OR form 11423
Lester, T. *see* Ivey, D.G. 54256
Lester, T.P. *see* Jian, P. 12901
Lesterlin, D. *see* Clesca, B. 26829
Lesterlin, D. *see* Lestra, A. 2404
Lesterlin, D. *see* Lestra, A. 58284
Lestra, A., Brosson, P., Le Gouezigou, O., Lesterlin, D., Provost, J.G. Experimental demonstration of the combined phase and amplitude facet reflectivity effects on the chirp of a 10 Gbit/s integrated laser-modulator source 58284
Lestra, A., Gaborit, F., Gaumont-Goarin, E., Goldstein, L., Lesterlin, D., Pagnod-Rossiaux, P. Etching of deep V-groove channels on a (001) InP substrate and regrowth by gas source molecular beam epitaxy 2404
Leszcynski, J.M. *see* Seward, G.H. 55804
Leszczynski, M., Bak-Misiuk, J., Domagala, J. X-ray diffractometric examinations of epitaxial and protective layers at variable temperature 12225
Leszczynski, M., Grzegory, I., Teisseyre, H., Suski, T., Bockowski, M., Jun, J., Baranowski, J.M., Porowski, S., Domagala, J. The microstructure of gallium nitride monocrystals grown at high pressure 40299
Leszczynski, M. *see* Bak-Misiuk, J. 12215
Leszczynski, M. *see* Grabecki, G. 42234
Leszczynski, M. *see* Teisseyre, H. 22237
Leszczynski, M. *see* Teisseyre, H. 40442
Leszczyrski, M. *see* Suski, T. 21220
Letaief, K.B. Efficient evaluation of the error probabilities of spread-spectrum multiple-access communications 35905
Letaief, K.B. *see* Chuang, J.C.-I. 58210
Letaief, K.B. *see* Hui, L.C. 47672
Letaief, K.B. *see* Muhammad, K. 47647
Letalick, D. *see* Millnert, M. 7602
Letang, J.M. *see* Rebuffel, V. 56663
Letardi, T. *see* Bollanti, S. 3704
Letardi, T. *see* Bollanti, S. 13937
Letartre, X. *see* Viktorovitch, P. 13018
Letavic, T. *see* Arnold, E. 12933
Letchford, A.N. New inequalities for the general routing problem 10324
Letchford, A.P. *see* Bongardt, K. 18052
Letchford, A.P. *see* Pabst, M. 18042
Letchford, A.P. *see* Pabst, M. 37011
Letellier, P. Electrical propulsion motors 29806
Letfullin, R.R. *see* Bekrenev, A.N. 55490
Letheren, M. *see* Bizeau, C. 57597
Lethiecl, M. *see* Feuillard, G. 32772
Lethiecq, M. *see* Kouame, D. 45988
Lethiecq, M. *see* Kouame, D. 56517
Lethiecq, M. *see* Levassort, F. 54914
Letian He, Yongqiang Sun On distributed snapshot algorithms 35515
Letin, V. *see* Kagan, M. 38992
Letokhov, V.S. *see* Konopsky, V.N. 53924
Letokhov, V.S. *see* Konopsky, V.N. 53925
Letor, R. *see* Fragapane, L. 40912
Letor, R. *see* Saya, F. 29830
Letosa, J. *see* Fornies-Marquina, J.M. 45069
Letosa, J. *see* Garcia-Gracia, M. 44879
Letourneau, E., Mason, L.G. Integration strategies for flow control mechanisms in ATM networks 25835
Letourneau, G. *see* Tran, C.A. 41960
Letourneau, P., Clivaz, P.A., Hessler, T., Dutoit, M., Ilegems, M. Education in microelectronics at EPFL 9861
LeTouze, G. *see* Erlandson, A.C. 23841
LeTouze, G. *see* Rotter, M.D. 23843
Letovsky, S. *see* Davatzikos, C. 18390
Letphoollin, R.R., Igoshin, V.I. Laser aerosol diagnostic techniques in a real time due to electromagnetic response in IR and RF wave ranges 59093
Letrouit, V. *see* Bienia, W. 52499
Letsch, E. UMUX as mini-crossconnect in simulcast radio networks 26650
Lett, C., Zerubia, J. Data fusion for image classification using a Markov random field model 46027
Lettie, R., Hamzehee, H. Risk evaluation of diesel generators in different configurations during plant outages 38488
Lettieri, P. *see* Chien, C. 26232
Lettieri, P. *see* Mangione-Smith, W. 16466
Lettington, A., Qi He Hong, Dean, A., Appleby, R., Gleed, D. An overview of recent advances in passive millimetre wave imaging in the UK 27049
Lettington, A.H., Hong, Q.H., Tzimopoulou, S. Superresolution by spatial frequency aliasing 36688
Lettington, A.H. *see* Anderton, R.N. 58856
Lettington, A.H. *see* Fairhurst, A.M. 35230
Lettington, A.H. *see* Gleed, D.G. 35327
Letunov, V.S. *see* Logashenko, I.B. 37034
Leturcq, P., Berraies, O., Debrie, J.-L., Gillet, P., Kallala, M.A., Massol, J.-L. Bipolar semiconductor device models for computer-aided design in power electronics 42905
Leturcq, P. *see* Dorkel, J.-M. 11184
Leturiondo, L., Ruiz, J., Aramendi, E., de Diego, J.M., Lazcano, A. Digital signal processing card for electrical supply quality measuring system 8974
Leturiondo, L. *see* Aramendi, E. 8973
Leturmy, M. *see* Potier, N. 39764
Letyuk, L.M. *see* Kostishyn, V.G. 23344
Letyuk, L.M. *see* Kostishyn, V.G. 23345
Letzelter, J., Le Bitoux, M., Sadarnac, D. Actual generation and summation effects of harmonic currents produced by multiple converter units in the French industry 61356
Letzring, S.A. *see* Boehly, T.R. 14059
Letzring, S.A. *see* Boehly, T.R. 14086
Letzring, S.A. *see* Okishev, A. 27558
Letzring, S.L. *see* Kremens, R.L. 36384
Leu, A. *see* Cotanis, N. 26590

Leu, I.-C., Lu, Y.-M., Hon, M.-H. Substrate effect on the preparation of silicon carbide whiskers by chemical vapor deposition 912
Leu Ching-Shan *see* Ching-Shan Leu
Leuchars, T.S. *see* Krishnan, K.S. 49852
Leuchtner, R., Brock, W., Li, Y., Hristakos, L. Low temperature growth of oriented gallium nitride using pulsed laser deposition 10895
Leung, B. Low power VLSI circuits for mobile communication 26579
Leung, B.H. *see* Au, S. 41268
Leung, C. *see* Cam, R. 25926
Leung, C. *see* Chong, P.H.J. 16578
Leung, C. *see* Rouse, G. 59916
Leung, C.C.C. *see* Dyke, D.W. 12971
Leung, C.M., Stokes, M.J., Bradbeer, R.T. An integrated teaching studio at the City University of Hong Kong 20537
Leung, C.T. *see* Chow, T.W.S. 19241
Leung, C.Y. *see* Walker, S.P. 55990
Leung, D.A., McKinnon, G.C., Davis, C.P., Pfammatter, T., Krestin, G.P., Debatin, J.F. Breathhold, contrast-enhanced, three-dimensional MR angiography 7970
Leung, E., Ho, P. Performance of differentially detected, coded PSK in an OFDM system in fading channels 45526
Leung, E.M. *see* Albert, G.W. 43848
Leung, E.M. *see* Green, M.A. 49358
Leung, E.M.W., Albert, G.W., Dew, M., Gurrola, P., Muehleman, K., Gamble, B., Russo, C., Dishaw, G., Boenig, H., Peterson, D., Rodriguez, A. High temperature superconducting fault current limiter for utility applications 60439
Leung, F.H. *see* Wong, L.K. 60926
Leung, G., Tavares, S.E., McLane, P.J. Stability of slotted ALOHA access with capture provided by an adaptive array 6677
Leung, H. Nonlinear clutter cancellation and detection using a memory-based predictor 6912
Leung, H. A Hopfield neural tracker for phased array antenna 36241
Leung, H., Ban Quach Tracking direction-of-arrivals using a Hopfield neural network 45716
Leung, H., Lam, J. Design of demodulator for the chaotic modulation communication system 34513
Leung, H. *see* Carrier, J.-Y. 45715
Leung, H. *see* Chan, K.C.C. 38171
Leung, H. *see* Lee, V. 45717
Leung, H. *see* Lo, T. 15404
Leung, H. *see* Zhijian Hu 34789
Leung, J.C.H., NcLean, G.F. Vanishing point matching 57236
Leung, K. *see* Celata, C.M. 60027
Leung, K.K. Update algorithm for replicated signaling databases in wireless and advanced intelligent networks 47302
Leung, K.K., Levy, Y. Use of centralized and replicated databases for global mobility management in personal communication networks 47773
Leung, K.M. *see* Wong, C.K.H. 33236
Leung, K.N. *see* Lee, Y. 22717
Leung, K.N. *see* Lee, Y. 49297
Leung, K.N. *see* Lee, Y. 49306
Leung, K.N. *see* Lee, Y. 49309
Leung, K.W., Chow, K.Y., Luk, K.M., Yung, E.K.N. Offset dual-disk dielectric resonator antenna of very high permittivity 4348
Leung, K.W., Chow, K.Y., Luk, K.M., Yung, E.K.N. Excitation of dielectric resonator antenna using a soldered-through probe 45386
Leung, K.W., Ng, K.W., Luk, K.M., Yung, E.K.N. Simple formula for analysing the centre-fed hemispherical dielectric resonator antenna 45360
Leung, K.W. *see* Chen, Z.N. 34305
Leung, K.W. *see* Chen, Z.N. 34328
Leung, K.W. *see* Hui, H.T. 56150
Leung, K.W. *see* Luk, K.M. 45403
Leung, M.K.H. *see* Wang, J. 56915
Leung, M.Y.Y., Lui, J.C.S., Golubchik, L. Buffer and I/O resource pre-allocation for implementing batching and buffering techniques for Video-on-Demand systems 58555
Leung, P. *see* Berangi, R. 47671
Leung, S.-W. *see* Yung, E.K.N. 30046
Leung, S.C. *see* Pao, D.C.W. 46625
Leung, S.C. *see* Pao, D.C.W. 46639
Leung, S.H., Chu, C.C. Adaptive LMS filter with lattice prefilter 21807
Leung, S.H., Lau, W.H., Lee, T.H. Improved frequency estimation using total least squares linear prediction with frequency weighting 45724
Leung, S.H. *see* Ng, H.C. 15101
Leung, S.H. *see* Ng, S.C. 4714
Leung, S.H. *see* Weng, J.F. 6440
Leung, S.H. *see* Weng, J.F. 45478
Leung, S.H. *see* Weng, J.F. 56254
Leung, S.W., Zhu, Y.S., Wong, C.M., Wong, K.K. Adaptive nonuniform sampling delta modulation for image processing 35364
Leung, S.W. *see* Zhu, Y.S. 24905
Leung, T. *see* Malik, J. 57316
Leung, T.P. *see* Chan, K.T. 14477
Leung, T.S.-T., White, P.R. A fuzzy logic based underwater acoustic transient classifier 48161
Leung, V.C.M. *see* Chan, H.C.B. 47752
Leung, V.C.M. *see* Cheung, B.H. 47653
Leung, V.C.M. *see* Hongyi Liang 47785
Leung, V.C.M. *see* Li, Y. 47158
Leung, V.C.M. *see* Woo, W. 47157
Leung, V.C.M. *see* Yu, O.T.W. 6638
Leung, W.C. A high-performance, low-power complementary coupled BiCMOS circuit 43350
Leung, W.C. *see* Singh, N. 50067
Leung, Y.H. *see* Smith, J.J. 27099
Leung, Y.K., Kuehne, S.C., Huang, V.S.K., Nguyen, C.T., Paul, A.K., Plummer, J.D., Wong, S.S. High voltage, high speed lateral IGBT in thin SOI for power IC 22819
Leung, Y.K. *see* Ju, S. 54641
Leung Chi Kuen *see* Chi Kuen Leung
Leung Chung-Yee *see* Chung-Yee Leung
Leung Kwok-Shing *see* Kwok-Shing Leung
Leung Lam Kwok *see* Kwok Leung Lam
Leung Sau-Lai *see* Sau-Lai Leung
Leung Tsang, Guifu Zhang, Kyung Pak Numerical study of detection of a buried object under a single random rough surface with angular correlation function 8384
Leung Tsang *see* Gulfu Zhang 48039
Leung Tsang *see* Johnson, J.T. 24476
Leung Tsang *see* Kyung Pak 8380
Leung Tsang *see* Li, L. 50059
Leung Tsang *see* Sengers, A.T. 24191
Leung Tsang *see* Vivekanandan, J. 50060
Leung Wai-Hung *see* Wai-Hung Leung
Leung Ying-Keung *see* Ying-Keung Leung
Leupers, R., Marwedel, P. Algorithms for address assignment in DSP code generation 11485
Leupers, R., Marwedel, P. Time-constrained code compaction for DSPs 31326
Leupold, H.A., Potenziani, E., II, Tilak, A. Coaxial-hybrid-iron (CHIRON) type twisters 3909
Leupold, H.A., Tilak, A., Potenziani, E., II Doubly augmented magic spheres 3235
Leuridan, J. *see* Dierckx, B. 48941
Leuridan, K. *see* Duan, X. 23330
Leus, S.G. *see* Chernogor, L.F. 34095
Leuschen, C., Goodman, N., Allen, C., Plumb, R. An interferometric technique for synthetic aperture ground-penetrating radar 8358
Leuschen, C. *see* Goodman, N. 8359
Leusenkamp, M.B.J., Hilderink, J.H.L.A., Lenstra, K. Field calculations on epoxy resin insulated vacuum interrupters 29500
Leussink, P. *see* de Bree, H.-E. 13166
Leutenbauer, R. *see* Simon, J. 20913
Leuther, A. Lateraler und vertikaler elektrischer Transport in Halbleiterheterostruktur-Bauelementen mit 2D-Elektronengasen (Lateral and vertical electric transport in semiconductor heterostructure devices with 2D electron gases) 2109
Leuthold, J., Eckner, J., Holtmann, C., Hess, R., Melchior, H. All-optical 2×2 switches with 20 dB extinction ratios 16665
Leuthold, P. *see* Gipser, T. 6861
Leutz, B. *see* Stiteler, M.R. 22022
Leutz, H., D'Ambrosio, C. On the scintillation response of NaI(Tl)-crystals 59211
Lev-Ari, H. *see* Wu, P.W. 56567
Leva, J.L. An alternative closed-form solution to the GPS pseudo-range equations 7000
Levagueresse, F., Batard, C., Bergmann, C., Feuvrie, B., Bestaoui, Z. Digital control and simulation of a buck converter 60909
Levaillant, C. *see* Vivas, M. 10936
Levanon, A., Friberg, S.R., Fujii, Y. Observation of nonlinear pulse propagation in the spectral domain using a novel time-resolved spectral reflectometer 24163
Levassort, F., Lethiecq, M., Certon, D., Patat, F. A matrix method for modeling electroelastic moduli of 0-3 piezo-composites 54914
Levchenko, S.A. *see* Zelenokhat, N.I. 8735
Levchenko, V.D. *see* Karas', V.I. 27995
Levchenko, V.I. *see* Bondarenko, V.P. 42093
Levelt, W.G. *see* Sturrus, R.A. 26299
Levendovsky, J., Van der Meulen, E.C., Imre, S., Varga, B. Call admission control for ATM networks by source distribution transformations 35375
Levenshtein, V.I. *see* Helleseth, T. 34592
Levenson, J.A., Vidakovic, P. Quantum noise reduction in travelling-wave quasi-phase-matched second harmonic generation 33710
Levenson, J.A. *see* Noirie, L. 33630
Levenson, J.A. *see* Vidakovic, P. 55827
Levenson, M.D. *see* Bortz, M.L. 4034
Levenson, M.S., Bright, D.S., Sethuraman, J. Adaptive smoothing of images with local weighted regression 15928
Leveque, J., Netter, D., Rezzoug, A., Caron, J.P., Sargos, F.M. Influence of the startup instant of quench in a superconducting current limiter 8960
Leveque, J. *see* Netter, D. 9568
Lever, I. The Virtual Chamber of Commerce–a GEMISIS 2000 project 57716
Lever, M. *see* Mainard, L. 14822
Lever, M. *see* Philippe, P. 14843
Lever, R. *see* Lambert, B. 13686
Lever, R. *see* L'Haridon, H. 14278
Levert, J.V., Maan, A.C., Swenne, C.A., Bootsma, M., Bruschke, A.V.G. The relation between QT intervals and heart rate in young healthy males using an incremental head-up tilt protocol 37817
Levert, J.V., Swenne, C.A., Maan, A.C., Schalij, M.J., Viergever, E.P., Frederiks, J., Pfeiffer, A.H., Bruschke, A.V.G. Similar heart rates, different QT-intervals 37815
Levesque, M., Mailloux, A., Morin, M., Galarneau, P., Champagne, Y., Plomteux, O., Tiedtke, M. Laser pointing stability measurements 55771
Levesque, M. *see* Jerominek, H. 17367
Levesque, M. *see* Morin, M. 55770
Levesque, M. *see* Snell, K.J. 48654
Leveugle, R. *see* Rochet, R. 2746
Leveugle, R. *see* Wendling, X. 31253
Levi, A. *see* Bodea, O. 48741
Levi, A. *see* Kanjamala, A.P. 26723
Levi, A.F.J. *see* Chang, Y. 34393
Levi, A.F.J. *see* Cohen, D.A. 16700
Levi, A.F.J. *see* Cohen, D.A. 56215
Levi, A.F.J. *see* Fetterman, H.R. 45460
Levi, A.F.J. *see* Kanjamala, A.P. 3812
Levi, A.F.J. *see* Kanjamala, A.P. 14116
Levi, A.F.J. *see* Madhavan, B. 2829
Levi, A.F.J. *see* Sano, B. 16668
Levi, A.F.J. *see* Thiyagarajan, S.M.K. 14113
Levi, D.H., Fluegel, B.D., Ahrenkiel, R.K., Compaan, A.D., Woods, L.M. Dynamics of photoexcited carrier relaxation and recombination in CdTe/CdS thin films 39101
Levi, D.H. *see* Rose, D.H. 39060
Levi, E., Lino, Y., Morgan, R. Single-cage representation of saturated double-cage induction generators for self-excitation studies 19743
Levi, E., Vuckovic, V., Sokola, M. Rotor flux estimation in vector controlled induction machines incorporating the iron loss compensation 61194
Levi, E. *see* Liao, M. 24419
Levi, E. *see* Liao, Y. 60935
Levi, E. *see* Mancini, R. 9456
Levi, E. *see* Sokola, M. 9580
Levi, E. *see* Vottis, P.M. 24420
Levi, F., Novero, C., Godone, A. Analysis of the light shift effect in the ^{87}Rb frequency standard 27259
Levi, P. *see* Gerl, S. 46283
Levi, R., Samoilis, G.V., Savvopoulos, B.J., Samoilis, V.G. Diagnostics in substation 19926
Levi, S. *see* Hartmann, J. 27734
Levi, V.A. *see* Popovic, D.S. 38245
Levi Sandri, P. *see* Rossi, P. 18092
Levialdi, N. *see* Cricelli, L. 30021
Levialdi, N. *see* Cricelli, L. 52072
Levialdi, N. *see* D'Angelo, A. 10046
Levialdi, S., Cinque, L. Shape description by a syntactic pyramidal approach 15668
Leviatan, Y. *see* Baharav, Z. 33934
Leviatan, Y. *see* Baharav, Z. 33970
Levichev, E., Sajaev, V. Nonlinear phase space study in a low-emittance light source using harmonic approximation 59171
Levicky, D., Matus, E., Kral, P. Wavelet transforms analysis-synthesis algorithms 35335
Levin, A.V. Transient mass transport mechanism during continuous laser irradiation of metals and the synergetics of arc-augmented laser melting 10055
Levin, A.V. *see* Gureev, D.M. 39762
Levin, B.M. *see* Baldin, A.A. 36508
Levin, B.M. *see* Baranova, L.K. 19669
Levin, B.N. *see* Alekseev, V.A. 17014
Levin, C.S., Tornai, M.P., Cherry, S.R., MacDonald, L.R., Hoffman, E.J. Compton scatter and X-ray crosstalk and the use of very thin intercrystal septa in high-resolution PET detectors 59498
Levin, C.S. *see* Patt, B.E. 37344
Levin, C.S. *see* Tornai, M.P. 28238
Levin, D. Analysis of a collocation method for integrating rapidly oscillatory functions 30626
Levin, D.N. *see* Lian Yao 28169
Levin, E.M., Pustovit, A.V., Kitsak, M.M. Metal-plastic magnets based on the rare-earth metals' alloys (Nd, Tb, Dy)$_2$(Fe, Co)$_{14}$B 3234
Levin, G.A. On the theory of measurement of anisotropic electrical resistivity by flux transformer method 48814
Levin, J., Lottin, J., Ponsart, J.-C. A flatness based control design for active magnetic bearings 55987
Levin, K., Nilsson, S. Examination of reliability of fibre optic sensors embedded in carbon/epoxy composites 17427
Levin, L. *see* Katsman, A. 42770
Levin, L. *see* Porcella, D.B. 21004
Levin, L. *see* Waibel, A. 14945
Levin, M. *see* Blaunstein, N. 56046
Levin, M. *see* Epstein, B. 47443
Levin, P. *see* Wolf, K. 13340
Levin, R.E. *see* Brackett, W.E. 39420
Levin, S.F. Measurement tasks in indirect functional monitoring of aircraft state 37950
Levin, V.M. *see* Maev, R.G. 36852
Levin, V.M. *see* Maev, R.G. 40730
Levine, A.M. *see* van der Graaf, W.A. 33568
Levine, B.F. Optimization of 10-20 GHz avalanche photodiodes 3596
Levine, B.N., Garcia-Luna-Aceves, J.J. A comparison of known classes of reliable multicast protocols 57659
Levine, D.A., Akyildiz, I.F., Naghshineh, M. A resource estimation and call admission algorithm for wireless multimedia networks using the shadow cluster concept 36016
Levine, E.N. *see* Gambino, J.P. 42680
Levine, E.R., Lueck, R.G., Donaghay, P.L., Conners, D.N., Gagliardi, T., Hanson, R.C. Turbulence and optics characterization from an autonomous underwater vehicle 50148

LeVine, F.E. *see* Wolfe, T.R. 24412
Levine, H. *see* Block, E. 35539
Levine, J. Incorporating data from a primary frequency standard into a time scale 27331
Levine, J. *see* Baron, R. 52311
Levine, J. *see* Jefferts, S.R. 36106
Levine, J. *see* Parker, T.E. 27330
Levine, J. *see* Stone, G.C. 60685
Levine, J. *see* Volk, C.M. 7018
Levine, J. *see* Weiss, M.A. 26798
Levine, L.E. *see* Steiner, B. 12240
Levine, L.K. Protecting your products in foreign marketplaces 30087
Levine, M.D., Sinton, J.E. Energy conservation programs in China 20099
Levine, M.D. *see* Kenong Wu 5045
Levine, M.D. *see* Kenong Wu 25285
LeVine, M.J. *see* Betts, W. 59222
Levine, P.J. *see* Swaszek, P.F. 30465
Levine, S. *see* Shen, J.H. 9058
Levine, S.H. *see* Poeth, D.F., II 11012
Levinsen, M.T. *see* Dostanko, A.P. 43824
Levinshtein, M.E., Rumyantsev, S.L., Palmour, J.W., Slater, D.B., Jr. Low frequency noise in 4H silicon carbide 31890
Levinson, J. *see* Barak, J. 22216
Levinson, S.F. *see* Parker, K.J. 18187
Levinson, S.J. *see* Parker, J.V. 33904
Levinson, W. *see* Murphy, R. 2744
Levitan, S. *see* Aksenov, G.A. 36440
Levitan, S.P. *see* Plusquellic, J.F. 40968
Levitas, B.N., Ponomarev, D.M. Antenna measurements in time domain 34201
Levitin, K.M. *see* Barun, V.V. 35135
Levitin, O. *see* Ben-Yaakov, S. 51131
Levitskij, E.A., Aristov, Yu.I., Tokarev, M.M., Parmon, V.N. "Chemical Heat Accumulators": a new approach to accumulating low potential heat 38946
Levitt, M.E. Designing UltraSparc for testability 31316
Levitt, M.E. Formal verification of the UltraSPARC(TM) family of techniques 31330
Leviush, A.I. *see* Vazyulin, M.V. 8950
Levkovich-Maslyuk, L.I. Determination of the scaling parameters of affine fractal interpolation functions with the aid of wavelet analysis 25595
Levoska, J., Murtoniemi, T., Lappalainen, J., Leppavuori, S. Deposition of epitaxial ferroelectric lead zirconate titanate and conducting oxide electrodes by pulsed laser ablation 52690
Levrel, J.-R. *see* Guillemot, T. 6931
Levring, O.A. *see* Boskovic, A. 33007
Levush, A.B. *see* Correa, R.A. 22176
Levush, B., Antonsen, T.M., Jr., Cai, S.Y., Saraph, G., Guss, W.C., Basten, M.A., Kreischer, K.E., Temkin, R. Modeling of high power gyrotrons: comparison with experiments 12097
Levush, B. *see* Antonsen, T.M., Jr. 12101
Levush, B. *see* Antonsen, T.M., Jr. 12122
Levush, B. *see* Blank, M. 1944
Levush, B. *see* Choi, J.J. 1940
Levush, B. *see* Choi, J.J. 12098
Levush, B. *see* Nguyen, K. 1938
Levush, B. *see* Nusinovich, G.S. 1941
Levush, B. *see* Nusinovich, G.S. 1942
Levush, B. *see* Nusinovich, G.S. 31707
Levy, A.F.S., Oliveira Filho, O.B., Olivieri, M.M.A. Ultra wideband measurements of partial discharges in air and insulating oil 27884
Levy, A.J. *see* Rossi, J.P. 56059
Levy, C.E., Nishida, T., Speckman, P., Barkov, G., Johnson, J.C. Three-dimensional vector graphing of the H reflex 8051
Levy, D. *see* Cheben, P. 14447
Levy, D. *see* Cory, H. 24524
Levy, D. *see* Fleury, A. 43269
Levy, D. *see* Paillet, C. 42483
Levy, D. *see* Paillet, C. 42569
Levy, D. *see* Tardif, F. 42453
Levy, D.C. *see* Woodward, D.R. 20115
Levy, D.S. *see* Knudtson, J.T. 44168
Levy, F. *see* Bibas, S. 5978
Levy, F. *see* Bibas, S. 57905
Levy, F. *see* Nusse, S. 42036
Levy, F. *see* Regula, M. 10915
Levy, F. *see* Rosenfeld, D. 48712
Levy, G., Hardy, A.A. Chaotic effects in flared lasers: a numerical analysis 14182
Levy, H.M. *see* Jamrozik, H.A. 5943
Levy, L., Hochepied, J.F., Pileni, M.P. Control of the size and composition of three dimensionally diluted magnetic semiconductor clusters 30715
Levy, L.J. Simple covariance and square root covariance smoothers for the general linear state space model 34824
Levy, L.P. *see* Crowell, P.A. 7291
Levy, M. *see* Chao, L.-L. 42178
Levy, M. *see* Dahlin, M.J. 18931
Levy, M. *see* Hu, M.H. 23540
Levy, M. *see* Luo, Y. 2372
Levy, M.F. Transparent boundary conditions for parabolic equation solutions of radiowave propagation problems 24472
Levy, R. *see* Haynes, L. 30112
Levy, R. *see* Haynes, L. 36389
Levy, R. *see* Nair, R. 31610
Levy, R. *see* Valenta, J. 33668
Levy, R.A., Narayan, M., Karim, M.Z., Hsu, S.T. Evaluation of LPCVD boron nitride as a low dielectric constant material 42687
Levy, Y. *see* Chaput, F. 33201
Levy, Y. *see* Darraoq, B. 23440
Levy, Y. *see* Kelson, I. 48897
Levy, Y. *see* Leung, K.K. 47773
Levy Vehel, J., Daoudi, K. Generalized IFS for signal processing 46003
Levy-Clement, C. *see* Krotkus, A. 51599
Levy-Clement, C. *see* Tsirlina, T. 30767
Levy-Vehel, J. *see* Canus, C. 25401
Levy-Vehel, J. *see* Lutton, E. 57394
Lew, A.Y., Yan, C.H., Tu, C.W., Yu, E.T. Characterization of arsenide/phosphide heterostructure interfaces by scanning tunneling microscopy 792
Lew, A.Y., Zuo, S.L., Yu, E.T., Miles, R.H. Anisotropy and growth-sequence dependence of atomic-scale interface structure in $InAs/Ga_{1-x}In_xSb$ superlattices 22335
Lew, J.S. *see* Bisdikian, C. 16069
Lew, J.S. *see* Lin, J.L. 51103
Lew, K. *see* Wu, R. 31268
Lew, M.S., Huang, T.S. Optimal supports for image matching 46485
Lew, M.S., Huijsmans, N. Information theory and face detection 5630
Lew, S.-H. *see* Ghafouri-Shiraz, H. 44184
Lew Yan Voon, L.F.C. *see* Laligant, O. 35359
Lewak, D. *see* Knowlton, W.B. 42415
Lewall, D.B. *see* McParland, B.J. 7974
Lewandowski, P., Burghoff, M., Maniewski, R., Oeff, M., Trahms, L. Experimental study of respiration influence on analysis of high-resolution ECG and MCG 49668
Lewandowski, W., Danaher, J., Klepczynski, W.J. GLONASS common-view time transfer between North America and Europe and its comparison with GPS 36930
Lewandowski, W. *see* Davis, J.A. 36360
Lewanowicz, S. Recurrence relations for the connection coefficients of orthogonal polynomials of a discrete variable 10457
Lewell, L. *see* Wood, A.P. 36659
Lewellen, T.K. *see* Pollard, K.R. 49488
Lewelling, K.R., McCann, P.J. Finite-element modeling predicts possibility of thermoelectrically cooled lead-salt diode lasers 33539
Lewenkopf, C.H. *see* Alhassid, Y. 54196
Lewenstam, A. *see* Krawczynski vel Krawczyk, T. 7447
Lewerenz, H.J., Jungblut, H. Photovoltaik. Grundlagen und Anwendungen (Photovoltaic. Foundations and applications) 23656
Lewerenz, H.J. *see* Alt, M. 40564
Lewicki, J. Equivalent circuits of transformers with distorted and asymmetrical currents and supply voltages and with regard to magnetizing current 9411
Lewicki, J. *see* Golebiowski, L. 51064
Lewin, J.S. *see* Kanal, E. 8011
Lewin, P.A., Rajan Bhatia, Qian Zhang, Dodick, J.M. Characterization of optoacoustic surgical devices 18518
Lewin, P.A. *see* Haider, B. 28105
Lewin, P.A. *see* Qian Zhang 28111
Lewin, P.L., Davies, A.E., Chen, G., Ford, M.J., Swingler, S., Patel, D. The measurement of charge trapping characteristics in high voltage insulation materials 43519
Lewin, T. *see* Swahn, T. 36180
Lewiner, J. *see* Alquie, C. 43572
Lewiner, J. *see* Hole, S. 3006
Lewiner, J. *see* Ichiya, M. 2856
Lewiner, J. *see* Ichiya, M. 23086
Lewiner, J. *see* Ichiya, M. 54862
Lewiner, J. *see* Naz, O. 58978
Lewiner, J. *see* Yewen Zhang 32641
Lewis, A., Albeck, Y., Lange, Z., Benchowski, J., Weizman, G. Optical computation with negative light intensity with a plastic bacteriorhodopsin film 55869
Lewis, A. *see* Dashevsky, Z. 36546
Lewis, A. *see* Lieberman, K. 22696
Lewis, A. *see* Noach, S. 17621
Lewis, B.J., Andre, B., Ducros, G., Maro, D. A model for nonvolatile fission product release during reactor accident conditions 9048
Lewis, C. *see* Drezek, R. 59530
Lewis, C. *see* Saeks, R. 59872
Lewis, C.L.S. *see* Behjat, A. 23738
Lewis, C.L.S. *see* Cairns, G.F. 13960
Lewis, C.L.S. *see* MacPhee, A.G. 13967
Lewis, C.P., Hesketh, T.G., Crump, S.J. An oversampled high accuracy current transducer for low frequency current measurement 49220
Lewis, C.P., Kraft, M. Simulation of a micromachined digital accelerometer in SIMULINK and PSPICE 40828
Lewis, C.P., Kraft, M., Hesketh, T.G. Mathematical model for a micromachined accelerometer 48468
Lewis, D., Bjerring, L.H., Thorarensen, I.H. An inter-domain virtual private network management service 35598
Lewis, D., Della Torre, E. Identification of stiff modes in micromagnetic problems 43608
Lewis, D. *see* Abileah, R. 38143
Lewis, D. *see* Bjerring, L.H. 46897
Lewis, D. *see* Kirstein, P.T. 6237
Lewis, D. *see* Phan, T. 32235
Lewis, D. *see* Phan, T. 43195
Lewis, D. *see* Quintard, V. 30192
Lewis, D., III *see* Bashkansky, M. 21415
Lewis, D.A. *see* Shaw, J.M. 10229
Lewis, D.D., Knowles, K.A. Threading electronic mail: a preliminary study 57769
Lewis, D.G., Natto, S.S.A., Ryde, S.J.S., Evans, C.J. Monte Carlo design study of a moderated ^{252}Cf source for in vivo neutron activation analysis of aluminium 59472
Lewis, D.K. *see* Betts, G.E. 44077
Lewis, D.M. Interleaved IIR filter on Δ-Σ modulated signals 21800
Lewis, D.W. *see* Allaire, P.E. 50876
Lewis, E. *see* Schmitt, N.F. 55187
Lewis, E.A. A-C driven Sendzimir mill 61359
Lewis, E.E. Stochastic model for common-mode effects in redundant systems 9013
Lewis, G. *see* Brawn, I. 59325
Lewis, G.L. *see* Ganesan, G.S. 30284
Lewis, H. *see* Grun, C. 61050
Lewis, H.L., Johnson, W.R. Evaluation of cellulose-based separators in cycle and wet life testing of alkaline rechargeable cells 20192
Lewis, H.L., Wharton, S.P. Zinc and silver migration during rechargeable silver-zinc cell cycling 61010
Lewis, J. LDAP unites the Internet 16220
Lewis, J. *see* Wagner, B. 17671
Lewis, J.B. *see* Loo, R.Y. 58456
Lewis, J.D., Bolton, H.R., Phillips, N.W. Performance enhancement of single and two phase SR drives using a capacitor boost circuit 60697
Lewis, J.G. *see* Pierce, D.J. 30612
Lewis, J.T. *see* Duffield, N.G. 5674
Lewis, K.G. *see* Cosgrave, J.A. 51410
Lewis, L., Frey, J. Incorporating business process management into network and systems management 57734
Lewis, L.H., Bussmann, K.M. A sample holder design and calibration technique for the quantum design magnetic properties measurement system superconducting quantum interference device magnetometer 7164
Lewis, L.H. *see* Branagan, D.J. 3039
Lewis, L.H. *see* Sellers, C.H. 32788
Lewis, M. Go with the right bus [fieldbus selection guidelines] 16272
Lewis, M. *see* Koren, I. 18375
Lewis, M. *see* Mellott, J.D. 21754
Lewis, M. *see* Stehle, R. 57929
Lewis, M. *see* Taylor, F. 9924
Lewis, M.A. *see* Zhen, J.L. 35755
Lewis, N. *see* Duluc, J.B. 54731
Lewis, N. *see* Zimmer, T. 22780
Lewis, P. *see* Wanner, W. 8295
Lewis, P. *see* Wanner, W. 8527
Lewis, P.S. *see* Roberts, R.S. 18980
Lewis, R. *see* Saraf, R.F. 12021
Lewis, R.A. *see* Bazzano, A. 7799
Lewis, S. *see* Knudson, A.R. 23084
Lewis, S.D. *see* Abileah, R. 38083
Lewis, S.H. *see* Nagaraj, K. 41267
Lewis, S.H. *see* Rothenberg, B.C. 1404
Lewis, S.H. *see* Shih, T. 21836
Lewis, S.H. *see* Thanh, C. 1521
Lewis, S.R. Future system specifications for traffic enforcement equipment 26015
Lewis, S.R. *see* Chau, K.H.-L. 13159
Lewis, T. Netstorms: the crash of '96 6141
Lewis, T.B. *see* Sheen, D.R. 8346
Lewis, T.J. New electro-mechanical concepts of the primary mechanisms of electrical breakdown in liquids 23137
Lewis, T.J. The solid-liquid interface [dielectric liquids] 32639
Lewis, T.J., Llewellyn, J.P., van der Sluijs, M.J., Freestone, J., Hampton, R.N. A new model for electrical ageing and breakdown in dielectrics 43449
Lexau, J.K. *see* Molnar, C.E. 53239
L'Excellent, J.-Y. *see* Dayde, M.J. 10475
Ley, E.De *see* De Ley, E.
Ley, L., Ristein, J., Schafer, J., Miyazaki, S. Near-surface dopant passivation after wet-chemical preparation of Si(111):H surfaces 54402
Ley, L., Teuschler, T., Mahr, K., Miyazaki, S., Hundhausen, M. Kinetics of field-induced oxidation of hydrogen-terminated Si(111) by means of a scanning force microscope 54398
Ley, L. *see* Ristein, J. 41840
Ley, V. *see* Henderson, T. 42960
Leycuras, A. Role of oxygen in the formation of voids at the SiC-Si interface 42064
Leycuras, A. *see* Korkishko, Yu.N. 23543
Leydekkers, P. *see* Gay, V. 47048
Leydekkers, P. *see* Jorgensen, M. 57996
Leyendecker, K. *see* Bade, K. 30850
Leymarie, J. *see* Disseix, P. 42169
Leymarie, J. *see* Monier, C. 12404
Leymarie, J. *see* Parillaud, O. 10704
Leys, C., van Egmond, C., Desoppere, E. Ionization equilibrium in flowing CO_2 laser mixtures 44355
Leys, M.R. *see* Christianen, P.C.M. 2232
Leys, M.R. *see* Rongen, R.T.H. 40431
Leys, M.R. *see* Verschuren, C.A. 52647
Leys, M.R. *see* Vreeburg, C.G.M. 44024
Leyva, V. *see* Xiaolin Tong 4136
Leyva, V. *see* Xiaolin Tong 14448
Leyva, V. *see* Xiaolin Tong 55945

Leyva-Lucero, M., Mendez, E.R., Leskova, T.A., Maradudin, A.A., Lu, J.Q. Multiple-scattering effects in the second-harmonic generation of light in reflection from a randomly rough metal surface 14322
Lezhenin, D.G. *see* Boiko, D.L. 55545
Lezhu Zhou, Davis, L.E. FEM analysis of coplanar waveguide with ferrite magnetised in an axial or transverse direction 41390
Lezhu Zhou, Davis, L.E. Simulation and analysis of the eigenmode fields in the sandwich coupled-slotline with ferrite 45288
Lhamon, M.E., Hassebrook, L.G., Chatterjee, J.P. Complex spatial images for multi-parameter distortion-invariant optical pattern recognition and high level morphological transforms 5201
L'Haridon, H., Andre, B., Baudet, M., De Matos, C., Lambert, B., Le Corre, A., Lever, R., Salaun, S., Keromnes, J.C., Moisan, G., Vaudry, C., Le Gratiet, J.L. Photorefractive cells and cavities at 1.55 μm fabricated using the Van der Waals technique 14278
L'Haridon, H. *see* Lambert, B. 13686
L'Haridon, H. *see* Le Corre, A. 44073
Lhemery, A. *see* Calmon, P. 50720
L'Heritier, P. *see* Febri, M. 925
L'Heritier, P. *see* Kramp, S. 923
Lhermet, N. *see* Claeyssen, F. 19781
Lhermite, H. *see* Hbib, H. 54303
Lhermite, H. *see* Le Bihan, F. 12197
Lhermite, H. *see* Raoult, F. 9913
Lhermitte, R. *see* Haus, B.K. 38086
L'Heureux, I. *see* Broussell, I. 44169
Lhorte, A. *see* Furio, C. 40904
Li, A., Askne, J. The analysis of the optical flow model applied to the motion estimation of sea ice from ERS-1 SAR image sequences 48065
Li, A., Bukhres, O. Overall system for secure wireless mobile networks 57885
Li, A. *see* Wong, K.P. 60193
Li, A.P. *see* Qin, G.G. 12564
Li, A.Z. *see* Zhang, Y.G. 36572
Li, A.Z. *see* Zheng, D.W. 32161
Li, B., Xiang, X.B., You, Z.P., Xu, Y., Fei, X.Y., Liao, X.B. High efficiency $Al_xGa_{1-x}As$/GaAs solar cells: fabrication, irradiation and annealing effect 9559
Li, B. *see* Haykin, S. 16891
Li, B. *see* Lu, D. 2770
Li, B.Q. *see* Akkaraju, S. 32339
Li, C. *see* Liu, J. 42634
Li, C. *see* Quan, Q. 35995
Li, C. *see* Yang, L. 35463
Li, C.-C. *see* Tsui, F.-C. 59745
Li, C.-S., Ofek, Y. Distributed source-destination synchronization 6282
Li, C.-S. *see* Feig, E. 15788
Li, C.-T. *see* McDaniel, E.B. 43762
Li, C.-Y. *see* Brown, D.D. 42744
Li, C.-Y. *see* Korhonen, M.A. 250
Li, C.C. *see* Al-Mohimeed, M.A. 46212
Li, C.C. *see* Kim, H. 25613
Li, C.H. *see* Lin, C.L. 3271
Li, C.J. *see* Li, Z. 49330
Li, C.J. *see* Li, Z. 59265
Li, C.J. *see* Ma, J. 9162
Li, C.K. *see* Burke, B.E. 37525
Li, C.K. *see* Yuen, H. 5161
Li, C.L. *see* Liu, Y.G. 55742
Li, C.M., Sjodin, T., Ying, Z.C., Dai, H.L. Photoexcited carrier diffusion near a Si(111) surface and in the Si bulk 1980
Li, C.S. *see* Tong, F. 16740
Li, C.Y. *see* Chen, K.M. 12340
Li, C.Y. *see* Hai Liu 19864
Li, D., Eckler, K., Herlach, D.M. On the transition of solidification mechanisms in highly undercooled germanium 10584
Li, D., Kaushikkar, S., Haacke, E.M., Woodard, P.K., Dhawale, P.J., Kroeker, R.M., Laub, G., Kuginuki, Y., Gutierrez, F.R. Coronary arteries: three-dimensional MR imaging with retrospective respiratory gating 59477
Li, D., Van Brug, H., Frankena, H.J. Application of a fully vectorial beam propagation method 55254
Li, D., Yong, A.C., Pluta, W., Kilpatrick, D. Epicardial and endocardial potential mapping of ST elevation in experimental myocardial infarction 49702
Li, D. *see* Eisele, J.S. 9985
Li, D. *see* Free, C.E. 53646
Li, D. *see* Hao, Q. 48911
Li, D. *see* Park, D.G. 54663
Li, D. *see* Qing-Ping Hu 467
Li, D. *see* Shibata, H. 9266
Li, D.G. *see* Haneman, D. 41841
Li, D.M. *see* Mori, M. 794
Li, D.P. *see* Yang, H.Q. 9524
Li, D.Q. *see* Smilowitz, L. 44636
Li, D.X. *see* Peng, D.L. 919
Li, E.B., Tieu, A.K., Mackenzie, M.R. Development of a 2D solid state LDA for velocity measurements in turbulent bearing flow 17355
Li, E.H. *see* Choy, W.C.H. 33134
Li, E.H. *see* Feng, H. 3404
Li, E.H. *see* Lee, A.S.W. 17362
Li, E.H. *see* Yu, S.F. 14129
Li, F., Tang, H., Anderegg, J., Shinar, J. Fabrication and electroluminescence of double-layered organic light-emitting diodes with the Al_2O_3/Al cathode 44279
Li, F. *see* Bryan, U. 19254
Li, F. *see* Ershov, O. 33093
Li, F. *see* Tang, S. 4107
Li, F. *see* Watts, D. 27319
Li, F.-M. *see* Li, G.L. 26018
Li, F.D. *see* Sinha, S.P. 42994
Li, F.K. *see* Nghiem, S.V. 8430
Li, F.K. *see* Nghiem, S.V. 18874
Li, F.Q. *see* Xia, A.D. 2498
Li, F.S. *see* Hong, Y.R. 27530
Li, G., Furman, E., Haertling, G.H. Fabrication and properties of PSZT antiferroelectric Rainbow actuators 43585
Li, G., Jagadish, C. Confinement and concentration of electrons in Si δ-doped $Al_xGa_{1-x}As$ (x=0 and 0.35) grown by metalorganic vapour phase epitaxy 10691
Li, G., Jagadish, C. Effect of illumination on the subband electronic structure of Si δ-doped GaAs 22221
Li, G., Jagadish, C., Johnston, M.B., Gal, M. Growth of Si and C δ-doped nipi doping superlattices in GaAs by metal organic vapor phase epitaxy 22519
Li, G., Liu, L., Liu, B., Wang, F., Yin, Y. Digital partitioning for optical negabinary modular multiplication 13770
Li, G. *see* Forouhi, A.R. 17674
Li, G.-F. *see* Tian, F. 33526
Li, G.-P. *see* Ralston, J.D. 33522
Li, G.H., Goni, A.R., Syassen, K., Hou, H.Q., Feng, W., Zhou, J.M. Pressure dependence of the electronic subband structure of strained $In_{0.2}Ga_{0.8}As$/GaAs MQWs 22383
Li, G.L., Li, F.-M. An analysis of impact of correlated traffic on performance of ATM networks 26018
Li, G.P., Chou, Y.C., Chen, Y.C., Wu, C.S., Yu, K.K., Midford, T.A., Liu, Y., Sonek, G.J., Wei, X., Tromberg, B.J. On the investigation of power and reliability performance of pseudomorphic AlGaAs-InGaAs HEMTs 22889
Li, G.P. *see* Bhattacharya, S. 41147
Li, G.P. *see* Chou, Y.C. 22784
Li, G.P. *see* Chou, Y.C. 32449
Li, G.P. *see* Chou, Y.C. 32450
Li, G.P. *see* Chun Hu 12932
Li, G.P. *see* Martin, S.T. 2699
Li, G.P. *see* Martin, S.T. 42598
Li, G.P. *see* Sarangan, A.M. 3826
Li, G.S. *see* Giaretta, G. 36553
Li, G.S. *see* Giaretta, G. 55735
Li, G.S. *see* Li, M.Y. 55610
Li, G.S. *see* Lim, S.F. 44546
Li, G.S. *see* Lim, S.F. 58740
Li, G.S. *see* Vail, E.C. 55650
Li, G.S. *see* Yuen, W. 55737
Li, G.Z. *see* Zhao, C.Z. 3438
Li, G.Z. *see* Zhao, C.Z. 44016
Li, H., Pung, H.K., Ngoh, L.H. Active multicast service architecture for user customized multimedia data transmission over ATM networks 47342
Li, H., Siu, K.-Y., Tzeng, H.-Y., Okeda, C., Suzuki, H. On TCP performance in ATM networks with per-VC early packet discard mechanisms 25940
Li, H., Zhou, Y.T., Chellappa, R. SAR/IR sensor image fusion and real-time implementation 16885
Li, H. *see* Ho, Y.P. 36129
Li, H. *see* Lumpp, J.K. 22626
Li, H. *see* Pavier, M.A. 33244
Li, H. *see* Shi, H. 15316
Li, H. *see* Wu, R. 23571
Li, H. *see* Zhou, S.Q. 28564
Li, H.-B., Ikegami, T., Wakana, H. A class of block coded modulation schemes for satellite communications 36059
Li, H.-B. *see* Matsumoto, Y. 26660
Li, H.D., Jain, V.K. Color image coding by vector subbands/ECVQ and activity map 25381
Li, H.F. *see* Chwialkowski, M.P. 18308
Li, H.H., Votaw, J.R. Spatial variation of SNR in two- and three-dimensional neuro-PET 59499
Li, H.H. *see* Moldovan, L. 21513
Li, H.H. *see* Reymann, D. 58609
Li, H.H. *see* Wang, H.B. 32918
Li, H.H. *see* Wang, H.B. 53611
Li, H.H. *see* Xue, S.Q. 27232
Li, H.Q., Ono, R.H., Vale, L.R., Rudman, D.A., Liou, S.H. A novel multilayer circuit process using $YBa_2Cu_3O_x$/$SrTiO_3$ thin films patterned by wet etching and ion milling 3281
Li, H.W. *see* Rampone, T. 58300
Li, H.W. *see* Sharaiha, A. 16696
Li, H.W. *see* Sharaiha, A. 33176
Li, H.Y. *see* Bo, Z.Q. 38415
Li, H.Y. *see* Southern, E.P. 19423
Li, J., Anderson, J.E., Hoke, C.D., Nose, T., Bos, P.J. The high-field cured polymer networks in nematic liquid crystals 3483
Li, J., Cheng, H.C., Kawas, M.J., Lambeth, D.N., Schlesinger, T.E., Stancil, D.D. Electrooptic wafer beam deflector in $LiTaO_3$ 3456
Li, J., Eberhart, R.C., Harris, F.B., Smith, B.P., Rajasubramanian, S., Pandit, A., Jessen, M.E., Chao, R., Constantinescu, A. Platelet response to cardiopulmonary bypass studied by gamma scintigraphy and platelet aggregometry 59739
Li, J., Jin, J.S. An image compression scheme based on wavelet transform and the human visual system 25611
Li, J., Kuo, C.-C.J. Hybrid wavelet-fractal image compression based on a rate-distortion criterion 57362
Li, J., Kuo, C.-C.J., Cheng, P.-Y. Embedded wavelet packet image coder with fast rate-distortion optimized decomposition 57368
Li, J., Liu, Z.-S., Stoica, P. 3-D target feature extraction via interferometric SAR 6898
Li, J., Liu, Z.-S., Stoica, P. 3-D target feature extraction via interferometric SAR 58434
Li, J., Loffeld, O., Schwarte, R., Buxbaum, B., Xu, Z. Optimization of laser ranging system in the case of colored noise 33766
Li, J., McIntyre, M., Lee, K., Worster, B. Production use of an integrated automatic defect classification (ADC) system operating in a laser confocal/white light imaging defect review station 30365
Li, J., Palasetia, M. Using APES for interferometric SAR imaging 6935
Li, J., Seurin, J.-F., Chuang, S.L., Choquette, K.D., Geib, K.M., Hou, H.Q. Correlation of electrical and optical characteristics of selectively oxidized vertical-cavity surface-emitting lasers 44543
Li, J., Shih-Lien Lu Low power design of two-dimensional DCT 11505
Li, J., Tantaratana, S. Multiplier-free realizations for FIR multirate converters based on mixed-radix number representation 41253
Li, J., Wagen, J.-F., Lachat, E. ITU model for multi-knife-edge diffraction 14613
Li, J., Yip, P., Bosse, E. Fractal interpolation functions and data compression for tracking 45847
Li, J., Yuan, R. Handoff control in wireless ATM networks: An experimental study 47666
Li, J. *see* Bernard, D. 2516
Li, J. *see* Cheng, P.-Y. 5211
Li, J. *see* Cheng, P.-Y. 56625
Li, J. *see* Iyer, S. 27580
Li, J. *see* Kaplinsky, M.B. 17496
Li, J. *see* Lai, Y.-K. 15515
Li, J. *see* Lai, Y.-K. 57353
Li, J. *see* Liu, H.C. 48664
Li, J. *see* Montandon, S. 42378
Li, J. *see* Nose, T. 55326
Li, J. *see* Pan, D. 48510
Li, J. *see* Sengupta, D.K. 54326
Li, J. *see* Stoica, P. 56445
Li, J. *see* Tan, Q. 27155
Li, J. *see* Wang, Q. 23887
Li, J. *see* Xu, Z. 35023
Li, J. *see* Yuan, R. 47689
Li, J. *see* Zhang, R. 56154
Li, J.H., Joppek, C., Faust, U. Fast EIT data acquisition system with active electrodes and its application to cardiac imaging 18443
Li, J.K.-J., Amory, D., Singh, M., McMahon, R., Ying Zhu, Drzewiecki, G., O'Hara, D. Noninvasive fiber optic measurement of carotid to radial apparent phase velocity in hypertensive subjects 59427
Li, J.K.-J. *see* Benni, P.B. 59432
Li, J.K.-J. *see* Drzewiecki, G. 59629
Li, J.K.-J. *see* Zakzewski, C.A. 18496
Li, J.L.Sanchez *see* Sanchez Li, J.L.
Li, J.M., Merazga, A., Lafore, D. Behavior analysis of MCT under ZVS and ZCS conditions 51225
Li, J.M., Tian, X., Lafore, D. Energy absorption devices for solid state interruption 51392
Li, J.Z. *see* Seong-Don Hwang 42909
Li, K. Application of interferometric strain rosette to residual stress measurements 21406
Li, K. Network of PCs as high-performance servers: requirements for a communication mechanism 57914
Li, K., Xiong, Z., Peng, G.D., Chu, P.L. Direct measurement of nonlinear refractive index with an all-fibre Sagnac interferometer 43941
Li, K. *see* Dubnicki, C. 47220
Li, K. *see* Hamacher, M. 16743
Li, K. *see* Hung, Y.Y. 31016
Li, K.C. *see* Cheung, W.P. 56909
Li, K.C. *see* Shen, G.Q. 34406
Li, K.C. *see* Tantikovit, S. 47537
Li, K.H. *see* Choo, T.P. 45585
Li, L., Grieger, E., Griffiths, K., Byrne, S., Hawthorne, R.C. Chemical oxide growth and its influence on subsequent HF cleaning 42476
Li, L., Morris, J.E. Electrical conduction models for isotropically conductive adhesive joints 40674
Li, L., Tennyson, R.C., Morison, W.D., Alavie, T. Fiber optic sensor for monitoring atomic oxygen erosion of polymer matrix composites [for LEO spacecraft] 48603
Li, L., Van Bockstal, L., Herlach, F., Summers, G., Singleton, J., Von Ortenberg, M., Van Amersfoort, W., Van Der Pol, M. A 60 T nondestructive pulsed magnet for "Free Electron Laser for Infrared Experiments" (FELIX) 55746
Li, L., Vivekanandan, J., Chan, C.H., Leung Tsang Microwave radiometric technique to retrieve vapor, liquid and ice. I. Development of a neural network-based inversion method 50059
Li, L. *see* Ershov, M. 48554
Li, L. *see* Han, B. 20888
Li, L. *see* Jiang, X.L. 14287
Li, L. *see* Kaminiskii, A.A. 44412

Li, L. *see* Kemp, J. 48642
Li, L. *see* Khanna, S.M. 27587
Li, L. *see* Kim, D.Y. 55362
Li, L. *see* Liao, J. 46613
Li, L. *see* Ma, S.D. 5089
Li, L. *see* Nie, J.C. 13484
Li, L. *see* Sengupta, D.K. 7342
Li, L. *see* Sun, H. 46615
Li, L. *see* Sun, H. 47150
Li, L. *see* van Bockstal, L. 4208
Li, L. *see* Vivekanandan, J. 50060
Li, L. *see* Wu, X. 46771
Li, L. *see* Zhu, Q. 13412
Li, L.-M. *see* Teng, J. 26150
Li, L.A. *see* Kim, P.D. 3182
Li, L.K. *see* Yang, Z. 21268
Li, L.R. *see* Ma, Q.S. 44954
Li, L.R. *see* Yu, H.T. 44959
Li, L.S. *see* Hong, Y.R. 27530
Li, L.T. *see* Chan, Y.C. 11754
Li, L.Y. *see* Chen, W.M. 7548
Li, M. The cyclic services in an industrial network 6190
Li, M., Bengtsson, J., Hagberg, M., Larsson, A., Suhara, T. Off-plane computer-generated waveguide hologram 44766
Li, M., McAllister, H.G., Black, N.D. Multirate modeling of human ear frequency resolution for hearing aids 49797
Li, M., Milor, L. Computing parametric yield using adaptive statistical piecewise linear models 2784
Li, M., Ogawa, H., Yamashita, Y. General frame multiresolution analysis and its wavelet frame representation 4657
Li, M., Zhang, Q.-J., Nakhla, M. Finite difference solution of EM fields by asymptotic waveform techniques 14512
Li, M. *see* Krueger, M. 28119
Li, M. *see* Wang, H.F. 8852
Li, M. *see* Wang, H.F. 19277
Li, M. *see* Wang, H.F. 60257
Li, M. *see* Weinstein, B.A. 22231
Li, M.F. *see* Du, A.Y. 12322
Li, M.F. *see* Jia, Y.B. 12554
Li, M.J., Pecht, M.G., Wang, L. The physics of conductive filament formation in MCM-L substrates 31664
Li, M.Y., Wupen Yuen, Li, G.S., Chang-Hasnain, C.J. Effect of process control in oxide-confined top-emitting lasers 55610
Li, M.Y. *see* Giaretta, G. 55735
Li, M.Y. *see* Lin, C.L. 3271
Li, N. *see* Yang, H.Q. 9524
Li, N. *see* Zhao, C.Z. 44016
Li, N. *see* Zhao, H. 48582
Li, N.-Y. *see* Huang, Y. 30208
Li, N.Y., Tu, C.W. Selective-area epitaxy and in-situ etching of GaAs using tris-dimethylaminoarsenic by chemical beam epitaxy 21304
Li, N.Y., Wong, W.S., Tomich, D.H., Kavanagh, K.L., Tu, C.W. Tensile strain relaxation in $GaN_xP_{1-x}(x \leq 0.1)$ grown by chemical beam epitaxy 52619
Li, N.Y. *see* Dong, H.K. 40426
Li, P., Sun, J., Yu, B. Two-dimensional spatial-spectrum estimation of coherent signals without spatial smoothing and eigendecomposition 4710
Li, P. *see* Lee, H. 42278
Li, P. *see* Schmoldt, D.L. 46316
Li, Q., Fleshler, S., Walsh, P.J., Rupich, M.W., Carter, W.L., Podtburg, E.R., Riley, G.N., Jr. J_c performance of Ag sheathed Bi-2223 HTS composite conductors 43766
Li, Q. *see* Fukumoto, Y. 13483
Li, Q. *see* Gn, F.H. 54251
Li, Q. *see* Kang, W.P. 13175
Li, Q. *see* Kang, W.P. 53964
Li, Q. *see* Palchetti, L. 44041
Li, Q. *see* Parrell, J.A. 13476
Li, Q. *see* Yang, L. 35463
Li, Q. *see* Zhang, R. 56154
Li, R. *see* Cheng, L. 19870
Li, R. *see* Satoh, T. 51875
Li, R.-K. *see* Ratner, J. 59578
Li, R.H. *see* Zhong, J.C. 33563
Li, R.L. *see* Zhou, S.Q. 28564
Li, R.L.Q., Chen, R.T. 3-bit substrate-guided-mode optical true-time-delay lines operating at 25 GHz 23530
Li, R.L.Q., Huajun Tang, Chen, R.T. Demonstration of planar waveguides on thick LD-3 polymer films for true-time-delay applications 13674
Li, R.L.Q. *see* Chen, R.T. 24584
Li, S. Scaled Gabor representation: a refined time-frequency decomposition 25168
Li, S., Lee, K., Hulog, D., Kazmi, S., Yin, S., Pollock, J. Identification of electrical over stress failures from other package related failures using package delamination signatures 20880
Li, S., Li, W. Shape adaptive discrete wavelet transform for coding arbitrarily shaped texture 57365
Li, S., Liu, F., Jia, G., Ohki, Y. Structural origin of dimensional effect on dielectric breakdown strength of ZnO varistors 31534
Li, S., Tsuji, S., Hayashi, A. Qualitative representation of outdoor environment along route 5067
Li, S. *see* Henderson, A.J. 18942
Li, S. *see* Lu, Z. 60017
Li, S. *see* Weiping Li 56952
Li, S.-Q. *see* Chong, S. 26151
Li, S.-Y.R., Lau, C.M. Concentrators in ATM switching 25860
Li, S.-Y.R. *see* Kam Hong Shum 16482
Li, S.-Y.R. *see* Wai Ho Mow 56326
Li, S.C. ±1.5 V CMOS four-quadrant multiplier 41359
Li, S.F.Y. *see* Zhou, L. 10960
Li, S.H. Methodologies for efficient asynchronous circuits design 41045
Li, S.J. *see* Bernede, J.C. 32183
Li, S.S., Stanbery, B.J., Huang, C.H., Chang, C.H., Chang, Y.S., Anderson, T.J. Effects of buffer layer processing on CIGS excess carrier lifetime: application of dual-beam optical modulation to process analysis [of solar cells] 39070
Li, S.S. *see* Chu, J. 48667
Li, S.S. *see* Tidrow, M.Z. 36567
Li, S.S. *see* Wang, D.C. 48668
Li, S.S., Liu, H.C., Tidrow, M.Z., Beck, W.A., Singh, A. *(editors)* Proceedings of the Third International Symposium on Long Wavelength Infrared Detectors and Arrays: Physics and Applications III 30025
Li, S.T., McGee, J., Tam, D., Wiesenfarth, H., Maiuzzo, M., Wheeler, D. EMC analysis of a shipboard frequency-hopping communication system 47609
Li, S.Z. Parameter estimation for optimal object recognition: theory and application 46319
Li, S.Z. Invariant representation, matching and pose estimation of 3D space curves under similarity transformations 56914
Li, T., Kanicki, J., Fitzner, M., Warren, W.L. Investigation of hydrogen evolution and dangling bonds creation mechanism in amorphous silicon nitride thin films 12952
Li, T. *see* Tang, S. 4107
Li, T.C., Tarng, Y.S., Chen, M.C. A self-organising neural network for chatter identification in milling 15220
Li, T.Y., Xiaoshen Wang The BKK root count in C^n 10427
Li, T.Y., Xiulin Zou Implementing the parallel quasi-Laguerre's algorithm for symmetric tridiagonal eigenproblems 10476
Li, T.Y. *see* Qiang Du 589
Li, T.Y. *see* Qiang Du 40199
Li, V.O.K. *see* Qiu, X. 6533
Li, V.O.K. *see* Qiu, X. 47088
Li, V.O.K. *see* Xiaoxin Qiu 47815
Li, V.O.K. *see* Yang, T.-S.G. 25968
Li, W., Haese-Coat, V., Kpalma, K., Ronsin, J. Texture characterization by new morphological features: application to SPOT image segmentation 60016
Li, W., Poon, J.C.H., Siu, W.C. A new algorithm on source-signal estimation and separation in reverberant space 24930
Li, W., van der Steen, A.F.W., Lancee, C.T., Honkoop, J., Gussenhoven, E.J., Bom, N. Temporal correlation of blood scattering signals from intravascular ultrasound 28189
Li, W. *see* Bruining, N. 28305
Li, W. *see* Cycon, H.L. 14962
Li, W. *see* Fleitz, P.A. 24216
Li, W. *see* Li, S. 57365
Li, W. *see* Wus, J. 56872
Li, W.J. *see* He, X.-F. 22373
Li, W.J. *see* Tang, T.K. 59882
Li, W.L., Su, Y.K., Jaw, D.H. The influences of refractive index dispersion on the modal gain of a quantum-well laser 33566
Li, W.S., Jiang, L.C., Xie, G.Y., Jiang, X. Effect of H_2SO_4 concentration on preparation and activity of activated manganese dioxide 9476
Li, W.Z. *see* Wang, J.L. 23297
Li, X. Note on constructing near tight wavelet frames by neural networks 25058
Li, X., Coleman, J. Depth-resolved and excitation power dependent cathodoluminescence study of GaN films grown by metalorganic chemical vapor deposition 41932
Li, X., Jones, A.M., Roh, S.D., Turnbull, D.A., Reuter, E.E., Gu, S.Q., Bishop, S.G., Coleman, J.J. Correlation of surface morphology and optical properties of GaN by conventional and selective-area MOCVD 10808
Li, X., Jones, A.M., Roh, S.D., Turnbull, D.A., Bishop, S.G., Coleman, J.J. Characteristics of GaN stripes grown by selective-area metalorganic chemical vapor deposition 52727
Li, X., Lai, S., Zhao, H., Liao, Y. White-light interferometric optic-fiber temperature sensors 36641
Li, X., Miyagi, T., Hayashi, Y. Analyses of diamond nucleation processes on carbonized substrates 30886
Li, X. *see* Kuo, F.F. 6248
Li, X. *see* Lucas, K.D. 13106
Li, X. *see* Wang, W. 35262
Li, X. *see* Wang, W. 35276
Li, X. *see* Zhou, B. 21360
Li, X.-G. *see* Qianwang Chen 32189
Li, X.-N. *see* Martin, R.W. 28128
Li, X.Q. *see* Peeters, F.M. 54567
Li, X.R., Ning Li Intelligent PDAF: refinement of IPDAF for tracking in clutter 45839
Li, X.R., Xiaorong Zhi PSNF: a refined strongest neighbor filter for tracking in clutter 45816
Li, X.W. *see* Fu, G.S. 40642
Li, Y., Kawai, J., Ebinuma, Y., Imaizumi, Y., Suzuki, K., Tanaka, Y., Takada, T. Three-dimensional space charge distribution in water tree tip using the pulsed electroacoustic method 54904
Li, Y., Leung, V.C.M. A framework for universal personal computing 47158
Li, Y., Liu, K.J.R., Razavilar, J. Improved parameter estimation schemes for damped sinusoidal signals 34898
Li, Y., Lu, Y., Shen, H., Wraback, M., Hwang, C.-Y., Schurman, M., Mayo, W., Salagaj, T., Stall, R.A. Photoluminescence and SIMS studies of hydrogen passivation of Mg-doped p-type gallium nitride 12779
Li, Y., Mahajan, R.I., Nikmanesh, N. Fine pitch stencil printing process modeling and optimization 31608
Li, Y., Miyanaga, Y., Tochinai, K. Memorizing and regenerating spatiotemporal patterns with a structured recurrent neural network 31449
Li, Y., Pretzler, G., Peixiang Lu, Fill, E.E., Nilsen, J. Study of Ne- and Ni-like X-ray lasers using the prepulse technique 33354
Li, Y., Zheng, S.Q. Parallel selection on a pipelined TDM optical bus 23626
Li, Y. *see* Caine, E.J. 49361
Li, Y. *see* Hegde, M. 46638
Li, Y. *see* Hwang, C.Y. 12266
Li, Y. *see* Leeser, M. 48403
Li, Y. *see* Leonardi, F. 29226
Li, Y. *see* Leuchtner, R. 10895
Li, Y. *see* Ohki, Y. 43525
Li, Y. *see* Owens, A. 18148
Li, Y. *see* Pardalos, P.M. 40115
Li, Y. *see* Peng, G. 5460
Li, Y. *see* Subbarayan, G. 10204
Li, Y. *see* Subbarayan, G. 30249
Li, Y. *see* Thompson, P. 40390
Li, Y. *see* Zhou, J.J. 736
Li, Y.-M. *see* Carlson, D.E. 39124
Li, Y.A. *see* Pomeranz, I. 31329
Li, Y.B. *see* Artus, L. 22413
Li, Y.C. *see* Young, C.W. 37747
Li, Y.J., Tsai, P.P. Lacunar pyrochlore-type tungsten oxides as humidity-sensing materials 27528
Li, Y.J. *see* Chan, K.T. 14477
Li, Y.M., Bergmann, C., Feuvrie, B. An approach of parameter identification for asynchronous machine 50998
Li, Y.M., Bergmann, C., Feuvrie, B. Identification for asynchronous machine 60771
Li, Y.M. *see* Byszewski, W.W. 20224
Li, Y.M. *see* Chen, L. 39150
Li, Y.M. *see* Gregor, P.D. 39405
Li, Y.P., Henry, C.H. Silica-based optical integrated circuits 3653
Li, Y.P. *see* Engel, L.W. 12472
Li, Y.Q., Qiu, T., Xu, J., He, X.C. Surface modification of aluminium nitride powder 2329
Li, Y.X. *see* Zhang, J.P. 42308
Li, Y.Z. *see* Chung, T.S. 38249
Li, Z., Boulianne, G., Labute, P., Barszcz, M., Garudadri, H., Kenny, P. Bi-directional graph search strategies for speech recognition 24866
Li, Z., Fung, A.K., Tjuatja, S., Betty, C., Irons, J.R. Energy conservation in soil surface scattering in the optical region 8395
Li, Z., Li, C.J., Verbitskaya, E. Study of bulk damage in high resistivity silicon detectors irradiated by high dose of ^{60}Co γ-radiation 59265
Li, Z., Li, C.J., Verbitskaya, E., Eremin, V. Temperature-stimulated abnormal annealing of neutron-induced damage in high-resistivity silicon detectors 49330
Li, Z., O'Shaughnessy, D. Using a transcription graph for large vocabulary continuous speech recognition 15138
Li, Z. *see* Arai, Y. 37267
Li, Z. *see* Arai, Y. 37268
Li, Z. *see* Bellwied, R. 59284
Li, Z. *see* Eremin, V. 37292
Li, Z. *see* Eremin, V. 59260
Li, Z. *see* Tang, H. 49299
Li, Z. *see* Verbitskaya, E.M. 41844
Li, Z. *see* Wu, H. 12222
Li, Z. *see* Yang, W. 26947
Li, Z. *see* Ye, X. 15795
Li, Z.-Y., Shen, Z.-K., Yang, W.-P. 1/f noise estimation method based on wavelet transformation and likelihood estimation 15590
Li, Z.S. *see* Lu, F. 54148
Li Aidong *see* Aidong Li
Li Aizhen *see* Qi Ming 2588
Li Biao, Chu, J.H., Zhu, J.Q., Chen, X.Q., Cao, J.Y., Tang, D.Y. Growth of $Hg_{1-x}Cd_xTe$ liquid phase epitaxial films on vicinal planes 30819
Li Biao, Chu Junhao, Tang Dingyuan Segregation coefficients in Te-rich Hg-Cd-Te systems 30794
Li Biao *see* Xiang Xianbi 20030
Li Biao *see* Zhu Jiqian 2050
Li Bin A reduced-state trellis for M-ary CPFSK 15315
Li Bin, Cheng Fang, Sang Feng Ting, Zhou Da Zheng, Zhuang Qi, Yang Bo Ling Supersonic cw chemical oxygen-iodine laser 3698
Li Bin *see* Bin Li
Li Bin-Da *see* Bin-Da Li
Li Bing-Jing *see* Bing-Jing Li
Li Bingcheng *see* Bingcheng Li
Li Binglin *see* Lin Feng 38445

Li Bingqian *see* Shan Bing 17472
Li Bingxiong *see* Yang Hui 29554
Li Bo-Yang Track treeing mechanism and its application in electrical insulation 2963
Li Boyang *see* Hao Xiuhong 37478
Li Cai, Rohatgi, A. Effect of post-PECVD photo-assisted anneal on multicrystalline silicon solar cells 29631
Li Cao *see* Cao Li
Li Cen *see* Cen Li
Li Changjun *see* Changjun Li
Li Changle *see* Guo Lixia 15436
Li Changlin, Sun Youmei Intelligent track membranes 37474
Li Changying *see* Zeng Zhoumo 58586
Li Chao-An *see* Chao-An Li
Li Chaoqiang General purpose terminal extractor for the secondary radar 58466
Li Che *see* Che Li
Li Che-Yu *see* Che-Yu Li
Li Chen *see* Fu-Chiang Ruan 17558
Li Chen *see* Chen Li
Li Cheng *see* Han Jiaxiang 37479
Li Cheng-Fang *see* Luo Ke-Jian 31993
Li Cheng-Ji *see* Wang Zhan-Guo 2010
Li Chengshan, Xi Zhengping, Zhou Lian Effect of oxygen partial pressure on the microstructure and properties of 2223 BPSCCO/Ag tapes 32890
Li Chengshu *see* Yang Lieliang 5811
Li Chengyin *see* Jing Dong 38450
Li Chenxi *see* Chenxi Li
Li Chi *see* Chi Li
Li Chi Kang *see* Chi Kang Li
Li Chi-Kwong *see* Chi-Kwong Li
Li Chih-Feng *see* Chih-Feng Li
Li Chih-Peng *see* Chih-Peng Li
Li Chii Horng *see* Chii Horng Li
Li Chii-Horng *see* Chii-Horng Li
Li Ching-Chung *see* Ching-Chung Li
Li Chuan-Ming *see* Chuan-Ming Li
Li Chuandong *see* Chuandong Li
Li Chuangdong *see* Chuangdong Li
Li Chuanlu *see* Liu Jinliang 53983
Li Chun-Ling *see* Ma Kun 40309
Li Chun-Te *see* Chun-Te Li
Li Chunfei *see* Bao Xinxian 32998
Li Chunfei *see* Xu Jiandong 17847
Li Chunfei *see* Xu Jiandong 24239
Li Chunfei *see* Zhang Xueru 24184
Li Chunfei *see* Zhu Peiwang 3315
Li Chunfei *see* Chunfei Li
Li Chung *see* Martins, H. 10189
Li Chung Shih Integration with human resources management: key to sustained quality improvement 9952
Li Chung-Lun *see* Chung-Lun Li
Li Chung-Sheng *see* Chung-Sheng Li
Li Chung-Yi *see* Lin Ruey-Shiung 59828
Li Chung-Yi *see* Chung-Yi Li
Li Cong *see* Luo Xizhang 55511
Li Cong *see* Qin Jiayin 55512
Li Cong *see* Qin Jiayin 55513
Li Cong *see* Cong Li
Li Cuiyun *see* Yu Qingxuan 870
Li Da-Cheng *see* Da-Cheng Li
Li Dacheng *see* Dacheng Li
Li Dajian, Xie Lili, Xie Wancheng, Liu Binghua Simulation of automatic guiding system for net recovery using video tracer 15806
Li Daoping *see* Daoping Li
Li Dazhi *see* Yang Ziqiang 21865
Li De-Hua *see* De-Hua Li
Li De-Jie *see* Wang Jian-Hua 2143
Li Deheng, Xu Xiaolin, Zhang Guifen, Qu Xiaochuan The ratio control of steam supply system in high temperature nuclear power plant 29050
Li Dehua *see* Dehua Li
Li Deming *see* Lu Xiangshun 37064
Li Deming *see* Lu Xiangshun 59119
Li Deng *see* Chengalvarayan, R. 45703
Li Deng *see* Chengalvarayan, R. 45704
Li Desheng *see* Desheng Li
Li Dezhong, Jiang Yueyuan, Yang Nianzu, Zhang Yutang, Ye Yan Self-encoding rod position indicating system of online failure monitoring 38500
Li Dezhong *see* Jiang Yueyuan 29049
Li Ding *see* Ding Li
Li Donghui *see* Donghui Li
Li Donglin *see* Donglin Li
Li Dongsheng *see* Ye Zhongming 19112
Li Duanyong *see* Duanyong Li
Li Er *see* Zhou Meiling 31685
Li Erhong *see* Erhong Li
Li Fahai *see* Wang Changjiang 51663
Li Fahai *see* Wang Mingyan 9251
Li Fahai *see* Zhu Lizhi 51311
Li Fang-Ming *see* Fang-Ming Li
Li Fangze *see* Dai Shiliang 50874
Li Feifeng *see* Bai Xuefeng 26218
Li Feiming *see* Feiming Li
Li Feng, Hailin Cui A new solid-state electrolyte: rubbery 'polymer-in-salt' containing $LiN(CF_3SO_2)_2$ 29577
Li Feng, Yuqin Chang, Lie Wu, Tianhong Lu Electrochemical behaviour of spinel $LiMn_2O_4$ as positive electrode in rechargeable lithium cells 29578
Li Feng *see* Gao Mingyuan 31828
Li Fenglei *see* Fenglei Li
Li Fu *see* Fu Li
Li Fuhan *see* Chen Naixiang 29147
Li Fuling *see* Duo Liping 23755
Li Fuming *see* Chen Lingbing 33716
Li Fuming *see* Fuming Li
Li Fung Chang *see* Rajagopalan, S. 47753
Li Fung Chang *see* Ravi Jain 26518
Li Fuqi *see* Zhao Xiushan 17738
Li Fushen, Tang Yuhua, Li Lifen Distribution of oxygen potential in ZrO_2-based solid electrolyte and selection of reference electrode of oxygen sensor 27970
Li Gang, Lin Ling, Guo Wenli, Liu Wei A study on encoding of compressed ECG data for solid-state Holter recorders 59598
Li Gang *see* Cui Mingqi 37405
Li Gang *see* Yi Rongqing 28055
Li Gao *see* Gao Li
Li Gong Enclaves: enabling secure collaboration over the Internet 57791
Li Gou Hui *see* Gou Hui Li
Li Guang-Liang *see* Guang-Liang Li
Li Guangquan *see* Guangquan Li
Li Guangqui, Yao Qingdong Frequency planning and channel coding of terrestrial digital HDTV 17062
Li Guangquian *see* Wang Chunfeng 21039
Li Guangxing *see* Guangxing Li
Li Gubo *see* Gubo Li
Li Guisan *see* Chu Fulei 29234
Li Guo Jie *see* Guo Jie Li
Li Guobao, Xue Rongjian, Chen Liquan The influence of polytetrafluorethylene reduction on the capacity loss of the carbon anode for lithium ion batteries 29562
Li Guobao *see* Guobao Li
Li Guohui, Han Dejun, Han Wei, Ji Chenzhou, Zhu Enjun, Zhou Junming, Huang Yi High sensitivity punchthrough heterojunction phototransistors 3595
Li Guohui *see* Ji Chengzhou 2308
Li Guohui *see* Qiu Chungtao 50370
Li Guohui *see* Zhang Yanwen 2300
Li Guoqiang *see* Guoqiang Li
Li Guoqing *see* Yu Yixin 28732
Li Guoqing *see* Yu Yixin 28774
Li Guoxiu *see* Guoxiu Li
Li Guozheng, Liu Enke Study of low-loss and high-speed silicon electro-optic modulation technology 55304
Li Haifeng *see* Haifeng Li
Li Haizhang *see* Haizhang Li
Li Haizhou *see* Haizhou Li
Li Hang *see* Lu Ping 30936
Li Hanqiu The application of GaAs MMICs to wireless commercial communications 53654
Li He *see* Yu Gongxin 44819
Li He *see* He Li
Li He-Qiao *see* He-Qiao Li
Li Hengde *see* Liu, C.H. 40581
Li Hong, Min Hao, Lee, C.J. The design of high-speed sigma-delta modulator 53354
Li Hong, Yang Xiang Lin The influence of stochastic filter effect on soliton transmission system 36192
Li Hong *see* Hong Li
Li Hong-Shuo *see* Hong-Shuo Li
Li Hongbin Study on the optical system of optical current transducer for practical use 27816
Li Hongfu *see* Huang Yong 53997
Li Hongfu *see* Yang Shiwen 21866
Li Hongfu *see* Hongfu Li
Li Honghu *see* Honghu Li
Li Hongmei *see* Li Jiwen 51418
Li Hongpu, Cao Mingcui, Xu Jun, Luo Fengguang, Wan Anjun The research on optoelectronic hybrid mesh interconnection network 33189
Li Hongpu *see* Liu Zhonglin 6428
Li Hongpu *see* Liu Zhonglin 23627
Li Hongqi *see* Zhang Dongsheng 4115
Li Hongqi *see* Hongqi Li
Li Hongqun, Jiang Wenquan, Fu Jun, Jia Shenli Research on the conditioning effects of vacuum interrupter for capacitor switching 29483
Li Hongqun *see* Jia Shenli 29461
Li Hsiang-Ling *see* Hsiang-Ling Li
Li Hsiang-Tsun *see* Hsiang-Tsun Li
Li Hsien-Chen *see* Hsien-Chen Li
Li Hsin Kuo *see* Miwa, S. 54374
Li Hsin-Hsien *see* Hsin-Hsien Li
Li Hua *see* Cheng Yong 27159
Li Hua *see* Xia Deshen 35025
Li Hua *see* Hua Li
Li Hua Han *see* Han Li Hua
Li Huai *see* Huai Li
Li Huaidong *see* Huaidong Li
Li Hui, Li Yingcai An optimum design method for the light shade of spaceborne optical system 18608
Li Hui *see* Hui Li
Li Hui-Feng *see* Hui-Feng Li
Li Hui-Jun, Tan Xilin, Xu Yin-Lin, Lang, W. The simulation of the visual system and VLSI realization 53468
Li HuiJuan *see* HuiJuan Li
Li Ji *see* Ma Shuhua 29588
Li Ji-Tao *see* Ji-Tao Li
Li Jiaming *see* Jiaming Li
Li Jian *see* Jian Li
Li Jian-Shan *see* Jian-Shan Li
Li Jianfang *see* An Shouzhong 44826
Li Jiang, Kuech, T.F. Surface morphology of carbon-doped GaAs grown by MOVPE 40359
Li Jiang *see* Booker, G.R. 52669
Li Jiang *see* Huang, X.D. 15006
Li Jiang *see* Zhao Yougiun 54707
Li Jianguang *see* Cao Qing 879
Li Jiankun *see* Jiankun Li
Li Jianlin *see* Jianlin Li
Li Jianming *see* Zheng Yuxiang 2049
Li Jianming *see* Jianming Li
Li Jianshu *see* Jianshu Li
Li Jianxin *see* Jianxin Li
Li Jianying *see* Jianying Li
Li Jiaxu, Ye Yutang, Hong Yonghe, Li Zhongdong, Ye Jing, Zhao Julian, Cheng Jin A new technique of anti-strong-laser-damage on photodetectors 36581
Li JiCheng, Shen ZhengKang, Lan Tao Detection of spot target in infrared clutter with morphological filter 8643
Li Jie, Zhou Zhaoying Shape recognition using complex exponential autoregressive model 5013
Li Jie *see* Liu Linmao 33852
Li Jie-Fang *see* Jie-Fang Li
Li Jie-Gu *see* Jie-Gu Li
Li Jie-Lin *see* Jie-Lin Li
Li Jiegu *see* Deng Yanping 5498
Li Jiegu *see* Deng Yanping 35049
Li Jin *see* Jin Li
Li Jin-Hua *see* Zhang Miao 54289
Li Jin-Hua *see* Zhu Shi-Yang 13136
Li Jincheng *see* Jincheng Li
Li Jing *see* Dong Xinzhou 38446
Li Jing *see* Huang Lin Gyi 53157
Li Jing *see* Wang Pengqian 14301
Li Jing *see* Jing Li
Li Jingbo *see* Jingbo Li
Li Jingde *see* Jingde Li
Li Jinghua *see* Jinghua Li
Li Jingwen *see* Jingwen Li
Li Jinjin *see* Jinjin Li
Li Jinmin *see* Jinmin Li
Li Jinzong, Li Ningning The techniques of suppressing CN-sequence 15918
Li Jiun-Haw *see* Jiun-Haw Li
Li Jiwen, Li Hongmei Basic condition principles for centralized supervisory control of nonattended substation 51418
Li Jixing *see* Song Qian 4075
Li Juan, Liu Jie, Xu Jianqiu, Wu Lingan Influence of an internal frequency-doubling crystal on the cavity parameters of a ring laser 24046
Li Jui-Hua *see* Jui-Hua Li
Li Jun, Yang Dong, Yu Songyu Study on MPEG-1 video encoder realization based on VRP 57386
Li Jun *see* Wang Youn 57930
Li Jun *see* Jun Li
Li Kai *see* Kai Li
Li Kam-Chi *see* Kam-Chi Li
Li Kang *see* Kang Li
Li Kejie *see* Shi Gengchen 48614
Li Keren *see* Keren Li
Li Laifu Establishment of real-time monitoring and control subsystem for MIS in power network 60244
Li Lang-Ru *see* Lang-Ru Li
Li Le *see* Le Li
Li Le-Wei *see* Le-Wei Li
Li Lee, Rose, R.C. Speaker normalization using efficient frequency warping procedures 14934
Li Lei, Jerby, E. Cyclotron maser experiment in a two-dimensional periodic array 55478
Li Lemin *see* He Jiafu 47221
Li Lemin *see* Wu Xiaowen 16059
Li Lemin *see* Lemin Li
Li Li, Chang, P. Ocean surface wind speed and direction retrievals from the SSM/I 8448
Li Li, Song De Ma 3D pose estimation from an n-degree planar curved feature in two perspective views 5095
Li Li *see* Wang Chunhua 48609
Li Li *see* Zhang Jizhi 55603
Li Li *see* Zhao Yu-Cheng 43938
Li Li *see* Li Li
Li Lifang *see* Lifang Li
Li Lifen *see* Li Fushen 27970
Li Lifeng *see* Lifeng Li
Li Lihua *see* Lihua Li
Li Likang *see* Likang Li
Li Lin, Cui Xiang Analysis of 3D nonlinear eddy current problem using the field variables H and E directly 44940
Li Lin *see* Ma Kun 40309
Li Lin *see* Lin Li
Li Linan *see* Zhang Dongsheng 4115
Li Linlin *see* Linlin Li
Li Liqiang *see* Liqiang Li
Li Liu, Jialong He, Palm, G. Signal modeling for speaker identification 15081
Li Liu *see* Jialong He 15113
Li Liyuan, Gong Jian, Chen Weinan Gray-level image thresholding method based on optimal 1D projection of 2D histogram 46338
Li Liyuan *see* Liyuan Li
Li Long *see* Long Li
Li Maoqing *see* Maoqing Li
Li Maotang Grounding resistance measuring instrument controlled by a microcomputer and a bias magnetic regulator 17735

Li Maotang The measuring theory and the error analyses of grounding resistance based on white noise 19383
Li Meng-Xiang *see* Meng-Xiang Li
Li Mengli *see* Mengli Li
Li Mengxiang *see* Mengxiang Li
Li Min-Qian *see* Zhao Jian-Ming 44791
Li Ming *see* Ming Li
Li Ming De Measuring method of millimeter wave coaxial-to-microstrip adapter 53560
Li Ming-Yi *see* Ming-Yi Li
Li Mingchun *see* Mingchun Li
Li Mingde 2.9 mm series phase adjustable connectors 53728
Li Mingfu *see* Mingfu Li
Li Minghua *see* Li Yanqiu 4147
Li Mingjie *see* Zhao Xingkang 28772
Li Minqian *see* Sun Mengjia 33761
Li Minqian *see* Minqian Li
Li Minxi *see* Lai Weiquan 49281
Li Naiji *see* Zhao Hongzhi 13849
Li Naipin *see* Xu Yanzhong 44085
Li Nan *see* Nan Li
Li Neng *see* Yang Hui 29554
Li Ngai *see* Ngai Li
Li Ning, Yu Bianzhang, Li Suijian Physical optics integration of shaping in 2-D wings of flying objects 16849
Li Ning *see* Ning Li
Li Ningning *see* Li Jinzong 15918
Li Ningsheng *see* Bao Ximao 42403
Li Pang *see* Ning Gu 42845
Li Pei *see* Pei Li
Li Pei-Gen *see* Pei-Gen Li
Li Peigang *see* Deng Jixaing 50314
Li Peigang *see* Peigang Li
Li Peiqin *see* Mao Zepu 59254
Li Peiqiong *see* Yao Yiping 49923
Li Ping Simple method for generating distance spectrum and multiplicities of convolutional codes 4459
Li Ping, Wang Zheng Dynamic characteristics of the rotor system for large pump-turbine sets 29146
Li Ping, Wen Yumei The graphic processing system in optical fibre melt-bonding machine 23514
Li Ping *see* Ping Li
Li Qi *see* Qi Li
Li Qian, Wei Hong The finite element method for nonlinear hyperbolic equation with nonlinear boundary condition 647
Li Qiang *see* Qiang Li
Li Qihang *see* Qihang Li
Li Qin *see* Qin Li
Li Qing *see* Li Wei 56811
Li Qing *see* Li Zhong Qiang 57501
Li Qing *see* Yuan Xin 53271
Li Qing Hang *see* Qing Hang Li
Li Qing-De *see* Qing-De Li
Li Qingguo *see* Qingguo Li
Li Qinghui, Chen Liangyi, Chen Feng, Deng Nianmao Airborne blue-green laser bathymetry 18899
Li Qiong, Jiang Jianguo, Tan Kexiong, Zeng Daowen Experimental study of the pulse propagation in turbine generator stator windings 29227
Li Qiu, Hein, S., Obermeier, E., Schubert, A. Micro gas-flow sensor with integrated heat sink and flow guide 13165
Li Qiu *see* Tongwen Chen 45819
Li Qu *see* Jia Zhenhong 48968
Li Qu *see* Qu Li
Li Quan *see* Benjamin, S.D. 769
Li Quanfeng, Zhou Yun, Liu Yaohong, Wang Fusheng, Liu Weibin 270° bending magnet system for 14 MeV medical electron LINAC 8087
Li Qun, Xu Zihua, Li Wang, Zhang Cunyen The data transmission implementation of the monitoring and supervising system for main cable network of toll telephone system using CNPAC 57765
Li Ren-Cang *see* Ren-Cang Li
Li Ronglin, Ni Guangzheng Numerical analysis of 4-arm Archimedian printed spiral antenna 45410
Li San-Qi *see* San-Qi Li
Li Sanli *see* Du Yi 26216
Li Shan-Dong *see* Shan-Dong Li
Li Shang *see* Shang Li
Li Shaofan *see* Shaofan Li
Li Shaohua *see* Shaohua Li
Li Shaoping *see* Shaoping Li
Li Shen *see* Shen Li
Li Shenping *see* Shenping Li
Li Shidong *see* Shidong Li
Li Shijin *see* Lu Jianfeng 49521
Li Shipeng *see* Shipeng Li
Li Shixing *see* Yang Zhilin 50713
Li Shu-Wen *see* Ma Dong-Ge 44284
Li Shujiang *see* Shujiang Li
Li Shumin *see* Xu Xiaoliang 3321
Li Shurong, Sun Chunxiao, Sun Yuanzhag, Lu Qiang Robust excitation controllers design for power systems 19227
Li Shurong, Yang Zhiping, Lu Qiang, Sun Yuanzhang, Sun Chunxiao H_∞ stabilizers design for power systems 50399
Li Shurong *see* Sun Chunxiao 8824
Li Shuwen *see* Ma Dongge 23703
Li Shuxiang, Freitas, P.P., Cardoso, S., Soares, J.C., Almeida, B., Sousa, J.B. $[FeTaN/TaN]_n$ soft multilayers for write head pole pieces 43667
Li Song *see* Yufei Chen 29758
Li Song *see* Song Li
Li Song-Lin *see* Xu Hu-Shan 18113
Li Su, Sla Ying, Liang Hong Application of IDS model in image enhancement 57383
Li Suijian *see* Li Ning 16849
Li Sun, Yanfeng Chen, Tao Yu, Chuanzheng Ge, Zhengju Yang, Naiben Ming Optical properties of epitaxial $PbTiO_3$ thin film on (001) MgO 55159
Li Ta-Hsin *see* Ta-Hsin Li
Li Tao *see* Cheng Yong 27159
Li Tao *see* Tao Li
Li Tianduo, Cai Ruizhong, Wang Wei Single phase flownet modeling in power plant system 60527
Li Tianhua, Li Xiaoyun, Zheng Zhong Analysis and improvement of setting characteristics for transformer percentage differential protection 29364
Li Tianying, Zhu Changchun, Xue Yaoguo, Zhang Shengliang, Sin, J.K.O. A novel method for fabricating large area metal field emission cathode arrays 12081
Li Tianyun, Ying Hong, Dang Deyu Application of partial eigenvalue based artificial neural network method in transformer fault diagnosis 51076
Li Tianyun, Ying Hong, Zhang Yuhui The grey fault diagnosis of transformer 38797
Li Tiejin *see* Wang Baohui 33232
Li Tiejin *see* Zhang Jie 33233
Li Tiejun *see* Gu Changzhi 36741
Li Tieqiao The application of image processing in automatic reading judgement for pressure gauges with pointer 58707
Li Tiesheng *see* Tiesheng Li
Li Ting *see* Ting Li
Li Tingkai *see* Tingkai Li
Li Tong *see* Wang Wen 44440
Li Voti, R. *see* Bertolotti, M. 14371
Li Voti, R. *see* Bertolotti, M. 17797
Li Voti, R. *see* Bertolotti, M. 17857
Li Voti, R. *see* Bertolotti, M. 21395
Li Voti, R. *see* Bertolotti, M. 48978
Li Waisang *see* Zheng Dafang 12495
Li Wang Simulations of prefiring NGH damping scheme on suppressing torsional oscillations using EMTP 60306
Li Wang *see* Li Qun 57765
Li Wang *see* Shawn-Yu Lin 3532
Li Wang-Long *see* Wang-Long Li
Li Wei, Huang junnai Integration of tools and data in an IC-CAD framework 54736
Li Wei, Xiao Ping, Yuan Xin, Li Qing, Hu Jingyu, Yang Lianxing A PC-based video and graphics evaluating system using FPGA 56811
Li Wei *see* Yuan Xin 53271
Li Wei *see* Wei Li
Li Wei Chao *see* Yuan Tzu Ting 53353
Li Wei-Min *see* Wei-Min Li
Li Weiguo *see* Mao Zepu 59254
Li Weijing *see* Weijing Li
Li Weimin *see* Feng Youming 53153
Li Weiping *see* Weiping Li
Li Weiqi *see* Weiqi Li
Li Weitang *see* Zhu Shifu 10628
Li Wen Kai *see* Wen Kai Li
Li Wen-Ching Winnie *see* Wen-Ching Winnie Li
Li Wen-Hao *see* Wen-Hao Li
Li Wenghua *see* Feng Zhenghe 58461
Li Wenhua *see* Jiang Ruiquan 17597
Li Wenju *see* Wenju Li
Li Wenming *see* Wenming Li
Li Wenxue *see* Li Xin 59304
Li Wenzhi *see* Liu, C.H. 40581
Li Wu *see* Wu Li
Li Wujiu *see* Wujiu Li
Li Xaoli *see* Xaoli Li
Li Xi *see* Peng Zuoyan 48715
Li Xiang *see* Xiang Li
Li Xiang-Ming *see* Xiang-Ming Li
Li Xiang-Ning *see* Xiang-Ning Li
Li Xiang-Rong *see* Xiang-Rong Li
Li Xiangguang *see* Zhang Shudan 2604
Li Xiangguang *see* Zhang Shudan 53617
Li Xiangrong *see* Zhang Liqing 8812
Li Xianjie *see* Zhang Zhonghua 17148
Li Xianliang *see* Wang Yongqian 16641
Li Xianwen *see* Shi Jiangjun 24374
Li Xianxiang *see* Zhou Bo 60785
Li Xiao, Oruganti, R. Soft switched PWM DC/DC converter with synchronous rectifiers 51296
Li Xiaobo *see* Xiaobo Li
Li Xiaodong *see* Han Kaixing 41797
Li Xiaodong *see* Xiaodong Li
Li Xiaofeng *see* Wang Zhongping 47029
Li Xiaohui *see* Cao Xiaoning 38447
Li Xiaojun *see* Xiaojun Li
Li Xiaoling *see* Xiaoling Li
Li Xiaonan *see* Xiaonan Li
Li Xiaou *see* Zhao Feng 44825
Li Xiaowen *see* Xiaowen Li
Li Xiaoxian, Wang Tinyue, Shen Qiang, Cui Diantin Simultaneously inspection of bonds in laser soldering 52322
Li Xiaoyu *see* Xiaoyu Li
Li Xiaoyun *see* Li Tianhua 29364
Li Xin, Tao Shiguang, Hu Renlan, Cheng Beibei, Li Wenxue An interface circuit for acquiring nuclear spectra data 59304
Li Xin *see* Xin Li
Li Xin-Qi *see* Xin-Qi Li
Li Xingjiao *see* Gu Haoshuang 3318
Li Xingjiao *see* Xingjiao Li
Li Xingming, Hu Jiandong The optimization between processing gain and coding gain in convolution coded forward error-correction CDMA system 14789
Li Xingyuan, Liu Huanliu, Liu Xiaochuan, Liu Junyong, Jin Jianxun, Dou Shixue Study of high Tc superconducting fault current limiters for power systems 28942
Li Xingyuan, Oh Weon-Geun, Hong Jiarong Skeletonizing by compressed line adjacency graph in two directions 57484
Li Xingyuan *see* Fu Ying 38219
Li Xingyuan *see* Qiu Xiaoyan 50374
Li Xinshan *see* Xinshan Li
Li Xinwan, Xu Deming, Yin Zongmin A new type of fiber-induced optically controllable silicon-loaded millimeter waveguide switch 41395
Li Xinxin *see* Xinxin Li
Li Xiong *see* Sun Yuanzhang 19113
Li Xiong *see* Sun Yuanzhang 38233
Li Xiujun *see* Xiujun Li
Li Xiwu *see* Ren Lixin 60543
Li Xixia *see* Liu Zhanwen 37169
Li Xu, Chen Fen-Shi, Duan Xue-Jiang A linear method for DOA estimation based on wavelet transform 56546
Li Xu *see* ShaoJun Wei 58058
Li Xu *see* Tsurumi, S. 4448
Li Xu *see* Xu Li
Li Xuemei *see* Xuemei Li
Li Xun, Chen Genxiang, Jian Shuisheng Theory and experiment of liquid phase epitaxy on curved InP surface 30802
Li Xun *see* Chen Gen-Xiang 43939
Li Ya Communication between ISDN and PLMN 46778
Li Yamin *see* Yamin Li
Li Yan *see* Xia Zonghuang 44012
Li Yan *see* Yang Shiyou 50956
Li Yan *see* Zhao Hua 33715
Li Yan *see* Yan Li
Li Yan-Da *see* Yan-Da Li
Li Yan-Rong *see* Liu Xing-Zhao 2230
Li Yanbao, He Liquan, Xu Daxin Towards 21st century China's higher education of engineering 20512
Li Yang, Renben Shu TCP/IP performance analysis of local ATM networks for HPC 57921
Li Yang *see* Yang Li
Li Yang Ping *see* Zhang Feng 13297
Li Yangin *see* Zhou Jie 12280
Li Yanqiu, Bian Shaoping, Sun Wanjun, Xu Kebin, Li Minghua, Xu Yuheng Photorefractive properties of heavily reduced $Ce:Fe:LiNbO_3$ at 633 nm 4147
Li Yanqiu *see* Yanqiu Li
Li Yao, Gao Meifang, Wei Tongli Characteristic study and optimization for ECL circuits operating at low temperatures 1276
Li Yao *see* Yao Li
Li Yao-Yong *see* Yao-Yong Li
Li Yaotong *see* Yaotong Li
Li Yating *see* Han Jinghong 36724
Li Ye *see* Tian Jingquan 7417
Li Ye *see* Ye Li
Li Ye Cai *see* Ye Cai Li
Li Yen, Bo Guo Active mode locking of a hybrid neodymium laser 55574
Li Yimin *see* Yimin Li
Li Yin-Xiu *see* Yin-Xiu Li
Li Ying *see* Xiang Dang 23860
Li Ying *see* Ying Li
Li Ying Dan *see* Ying Dan Li
Li Yingcai *see* Li Hui 18608
Li Yingjie *see* Yingjie Li
Li Yingping *see* Yingping Li
Li Yingxue *see* Xi Xuemei 12680
Li Yong *see* Lin Zhenghua 10334
Li Yong Qiang *see* Yong Qiang Li
Li Yong-Qing *see* Yong-Qing Li
Li Yongcheng *see* Yongcheng Li
Li Yonggui *see* Chen Jianzhong 53310
Li Yonggui *see* Yonggui Li
Li Yonghong *see* Liu Zheng 2283
Li Yongming, Kudo, T. Lithium intercalation dynamics of spin-coated amorphous $Mo_{0.5}V_{0.5}O_{2.75}$ thin film 29595
Li Yongming *see* Wu Xiaodong 56412
Li Youfen, Huang Zhiying, Sun Gensheng, Wu Shimin, Gu Xuefan Measurement and study of resistivity at room temperature for La_2O_3-based conductive ceramics 22269
Li Youfu *see* Youfu Li
Li Youlin *see* Youlin Li
Li Yu-Tong *see* Huang Wen-Zhong 44354
Li Yuan *see* Yuan Li
Li Yuanxin *see* Shi Zhixia 37526
Li Yudong *see* Sun Hongbo 14191
Li Yudong *see* Sun Hongbo 44441
Li Yue *see* Yue Li
Li Yuelin *see* Yuelin Li
Li Yueqiang *see* Du Ling 44817
Li Yuet *see* Yuet Li
Li Yufeng *see* Yufeng Li
Li Yuhua, Sun Ying, Zhang Yanxin Study of optical pattern recognition of 3-D multiple-targets based on multi-encoding method 5265
Li Yujun *see* Yujun Li

Li Yulin *see* He Zhengquan 17230
Li Yun, Wang Guangwei Research of bunch lengthening of BEPC ring by many-particle simulation 37047
Li Yun-Yan *see* Wang Zhan-Guo 2010
Li Yunjun *see* Phillips, H.M. 10824
Li Yunming *see* Yunming Li
Li Yuying *see* Yuying Li
Li Zai-Guang *see* Long Quan 44594
Li Zai-Guang *see* Zai-Guang Li
Li Zaiguang *see* Liu Zhonglin 6428
Li Zaiguang *see* Liu Zhonglin 23627
Li Zaiguang *see* Wang Qiuliang 39254
Li Zaiguang *see* Zeng Shaoqun 18315
Li Zaiguang *see* Zhai Jinhui 4146
Li Ze-Nian *see* Ze-Nian Li
Li Zengsheng *see* Wen Minhua 25959
Li Zhang *see* Zhang Li
Li Zhanqing *see* Zhanqing Li
Li Zhao, Cangellaris, A. A parasite-free non-orthogonal frequency-domain finite difference method for the electromagnetic analysis of anisotropic waveguides 45336
Li Zhao *see* Zhao Li
Li Zhaohui *see* Zhaohui Li
Li Zhaonian *see* Zhaonian Li
Li Zhe-Shen *see* Zhe-Shen Li
Li Zhen, Longya Xu Fuzzy learning enhanced speed control of an indirect field oriented induction machine drive 9615
Li Zhen, Longya Xu A comparison study of three fuzzy schemes for indirect vector control of induction machine drives 39273
Li Zhen *see* Longya Xu 29712
Li Zhenbiao, Cheng Lichun, Zhang Guansheng A review on theoretical investigation of electrical contact materials 11833
Li Zheng *see* Zheng Li
Li Zheng-Fan *see* Zheng-Fan Li
Li Zhengdong, Wu Baichang, Su Genbo, Huang Gongfan Crystal growth and optical properties of 4-aminobenzophenone (ABP) 30728
Li Zhengdong *see* He Youping 13536
Li Zhengdong *see* Zhengdong Li
Li Zhengfan *see* Mao Junfa 4306
Li Zhengfan *see* Zhengfan Li
Li Zhenghui *see* Liu Jun 22343
Li Zhenghui *see* Zhu Shifu 10628
Li Zhengxin *see* He Junjia 19886
Li Zhenhua, Bao Guojun, Yang Pingyong, Lu Zukang The stable, antiphase and chaotic laser output of a diode-pumped intracavity-frequency-doubled Nd:YVO_4 laser 33463
Li Zhenhua *see* Ge Yi 39827
Li Zhenhua *see* Ge Yi 46403
Li Zhenhua *see* Zhenhua Li
Li Zheshen *see* Fan Honglei 32208
Li Zhi *see* Chen Li 60549
Li Zhi Yong *see* Zhi Yong Li
Li Zhi-Qiang *see* Zhi-Qiang Li
Li Zhifeng *see* Zhifeng Li
Li Zhijian *see* Sun Xiqing 38765
Li Zhijian *see* Zhang Qingxin 58703
Li Zhijian *see* Zhijian Li
Li Zhiqun *see* Zhiqun Li
Li Zhong Qiang, Dai Wei Wen, Li Qing, Telfer, D. Texture image segmentation: a local spectral mapping approach 57501
Li Zhongcheng *see* Zhongcheng Li
Li Zhongdong *see* Li Jiaxu 36581
Li Zhou *see* Zhou Li
Li Zhu *see* Jiang Xiang Qian 36525
Li Zhuang *see* Zhuang Li
Li Zi-Cai *see* Zi-Cai Li
Li Ziyuan *see* Shen Wenzhong 32455
Li Zong-Wen *see* Zong-Wen Li
Li Zuhao *see* He Jingtang 37295
Li Zuofeng *see* Zuofeng Li
Li Zuyu *see* Duan Limin 18082
Li-an Tang, Huang, T.S. Characterizing smiles in the context of video phone data compression 6012
Li-An Tang *see* Huang, T.S. 15664
Li-Chen Fu *see* Feng-Yih Hsu 40874
Li-Chen Fu *see* Yi-Tin Ho 48429
Li-Cheng Tai *see* Moezzi, S. 48244
Li-Chun Chen *see* Chen Li-Chun
Li-Chun Wang, Stuber, G.L., Chin-Tan Lea Architecture design, frequency planning, and performance analysis for a microcell/macrocell overlaying system 6549
Li-Chung Huang *see* Yao-Tsung Tsai 43050
Li-Der Chou, Jeng Yih Juang Design of shipboard LAN and interworking to the Internet 26193
Li-Der Shieh *see* Ming-Chung Lin 36977
Li-Fang Wang *see* Le Toan, T. 28677
Li-Hong Laih, Jyh-Cheng Wang, Yen-Ann Chen, Wen-Chin Tsay, Tean-Sen Jen, Jyh-Shin Chen, Jyh-Wong Hong Improving the transient response of a Si metal-semiconductor-metal photodetector with an additional i-a-SiGe:H film 58761
Li-Hong Laih *see* Tean-Sen Jen 44286
Li-Hong Laih *see* Yen-Ann Chen 55403
Li-Hong Shan *see* Shan Li-Hong
Li-Hong Xu *see* Vasconcellos, E.C.C. 44344
Li-Hsin Chang Metal failure mechanisms for a high voltage integrated circuit in a plastic package 10117
Li-Hsin Kuo *see* Salamanca-Riba, L. 3629
Li-Jian Ding *see* Ding Li-Jian
Li-Kam-Wa, P. *see* Kan'an, A.M. 12429
Li-Ming Yeh Well-posedness of the hydrodynamic model for semiconductors 32348
Li-Pen Yuan, Chin-Chi Teng, Sung-Mo Kang Statistical estimation of average power dissipation in CMOS VLSI circuits using nonparametric techniques 13123
Li-Pheng Khoo *see* Khoo Li-Pheng
Li-Qin Lu *see* Tian-Xian Zhao 18464
Li-Ren Huang, Jing-Yang Jou, Sy-Yen Kuo An efficient PRPG strategy by utilizing essential faults 58631
Li-Ren Huang, Jing-Yang Jou, Sy-Yen Kuo, Wen-Bin Liao Easily testable data path allocation using input/output registers 53130
Li-Ren Wang *see* Guo-Long Tan 27717
Li-Rong Wang *see* Ing-Jer Huang 40797
Li-Shu Chen *see* Agarwal, A.K. 42044
Li-Shuenn Wang, Mou-Shiung Lin Quantitative study of charge-to-breakdown of thin gate oxide for a p^+-poly-Si metal oxide semiconductor capacitor 42323
Li-Wei Fong *see* Pan-Chio Tuan 48174
Li-Wei Guo *see* Guo Li-Wei
Li-Xing Yuan *see* Yao-Yong Li 24973
Li-Xiong He *see* He Li-Xiong
Li-Zhe Tan, Jean Jiang Filtered-X second-order Volterra adaptive algorithms 56462
Li-Zhong Tang, Cheong Boon Soh, Gunawan, E. A note on the q-ary image of a q^m-ary repeated-root cyclic code 34606
Lia, D. In-circuit testing of mixed-signal ICs 53463
Lia, V. *see* Abe, K. 59233
Liaci, F., Briot, N., Cloitre, T., Briot, O., Gil, B., Aulombard, R.L. Low temperature band-edge optical properties of micrometer thick $Zn_{1-x}Cd_xSe$ ternary alloy layers deposited by MOCVD on (001)GaAs 22317
Liaci, F. *see* Boemare, C. 22314
Liakatas, I. *see* Medrano, C. 14313
Liakhou, G. *see* Bertelotti, M. 44040
Liakhou, G. *see* Bertolotti, M. 48978
Liakhou, G.L. *see* Bertolotti, M. 17797
Liakhou, G.L. *see* Bertolotti, M. 17857
Liakhou, G.L. *see* Bertolotti, M. 21395
Liakopoulos, T.M., Wenjin Zhang, Ahn, C.H. Micromachined thick permanent magnet arrays on silicon wafers 3238
Liakos, J.K., Landsberg, P.T. Auger recombination and impact ionization in heterojunction photovoltaic cells 20048
Lian Gong, Keqian Zhang, Unbehauen, R. 3-D anisotropic electrical impedance imaging 49459
Lian Jian-Ao *see* Jian-Ao Lian
Lian Koh Chuan *see* Chuan Lian Koh
Lian Ping Deng *see* Deng Lian Ping
Lian Wei-Cheng *see* Wei-Cheng Lian
Lian Xiaomin *see* Ren Mingzhang 49008
Lian Yaguang *see* Zhang Junghong 54760
Lian Yan *see* Mayo, C.W. 9047
Lian Yan *see* Yan Lian
Lian Yao, Yue Cao, Levin, D.N. 2D locally focused MRI: applications to dynamic and spectroscopic imaging 28169
Lian Zhou *see* Zhou Lian
Li'an Zhu *see* Zhu Li'an
Lian Zhu Bing *see* Zhu Bing Lian
Lian-Chang Zhao, Fan-Jia Kong A new formula and an algorithm for reliability analysis of networks 30381
Lian-Chang Zhao, Fang-Ming Shao Optimization of connecting two communication networks subject to a reliability constraint 57678
Lian-Chang Zhao *see* Fang-Ming Shao 57677
Lian-Kuan Chen *see* Chao Su 58270
Lian-Kuan Chen *see* Chun-Kit Chan 47972
Lianbin Zhang *see* Zhang Lianbin
Liandrat, J. *see* Chiavassa, G. 56425
Liang, A.H., Tsang, H.K., Chan, L.Y. Laplacian pulse width, RMS chirp, and their applications 17835
Liang, B. *see* Clark, J. 39873
Liang, C., Zeng, Q., Ma, Z., Yuan, M., Ao, J. GaAs high speed devices and circuits 22907
Liang, C. *see* Castanien, K.E. 18602
Liang, C. *see* Hsia, R.P. 36865
Liang, C. *see* Montes, R. 7494
Liang, C. *see* Sinitsky, D. 22846
Liang, C. *see* Tan, J. 46834
Liang, C. *see* Zhang, W.-M. 53675
Liang, C.-T., Castleton, I.M., Frost, J.E.F., Barnes, C.H.W., Smith, C.G., Ford, C.J.B., Ritchie, D.A., Pepper, M. Resonant transmission through an open quantum dot 54190
Liang, C.-T., Frost, J.E.F., Simmons, M.Y., Ritchie, D.A., Pepper, M. Experimental evidence of a metal-insulator transition in a half-filled Landau level 54168
Liang, C.S. *see* Sen, S. 1995
Liang, D. *see* Ming Fang 19284
Liang, D.T.W. *see* Zhaohui Zeng 50934
Liang, G., Luo, G., Crowe, L., Zeigler, J., Shotzman, G., Wu, Y., Teodorescu, R. Study of impregnating epoxy resins for high field NMR superconducting magnets 32941
Liang, G. *see* Calzone, S. 35183
Liang, G. *see* Piazzi, L. 47735
Liang, J., Gollhardt, N., Lee, P.S., Schroeder, S.A., Morris, W.L. Fatigue and cyclic deformation behavior of high temperature solder alloys 324
Liang, J., Ha, J., Haralick, R.M., Phillips, I.T. Document layout structure extraction using bounding boxes of different entitles 25483
Liang, J., Lin, Z., Chen, J.D.Z. Applications of multilayer feedforward neural networks in electrogastrography 59632
Liang, J., Parks, T.W. Translation invariant wavelet transforms with symmetric extensions 46359
Liang, J. *see* Ballantyne, J.M. 55469
Liang, J. *see* Bauer-Gogonea, S. 14342
Liang, J.J., Lau, S.T., Leary, M.H., Ballantyne, J.M. Unidirectional operation of waveguide diode ring lasers 44597
Liang, M.C., Lan, C.W. Three-dimensional convection and solute segregation in vertical Bridgman crystal growth 10663
Liang, M.C. *see* Lan, C.W. 10607
Liang, M.S. *see* Lee, K.Y. 21658
Liang, S.T., Yuang, M.C. Departure process analysis for earliest-due-date scheduling discipline in ATM switches 25876
Liang, S.T. *see* Yuang, M.C. 6329
Liang, S.T. *see* Yuang, M.C. 26350
Liang, W., Alexander, M.J., Nye, J.F. Measuring patch array antennas by an optically modulated scatterer 24609
Liang, W., DeJong, S.C., McKay, C.R., Sonka, M. Automated detection of left ventricular borders from intracardiac ultrasound images 37733
Liang, W., Hygate, G., Nye, J.F., Gentle, D.G., Cook, R.J. A probe for making near-field measurements with minimal disturbance: the optically modulated scatterer 56143
Liang, W. *see* Nye, J.F. 4352
Liang, X. *see* Wong, A.K.C. 58831
Liang, X. *see* Yongqing Xiang 46009
Liang, X.Q. *see* Batra, R.C. 43578
Liang, Y. *see* Cao, X.D. 33178
Liang, Y. *see* Ogot, M. 659
Liang, Y. *see* Wang, Y. 16962
Liang, Y.C. *see* Chong Ho Yang 43009
Liang, Y.C. *see* Haiqing Yang 51658
Liang An Hui *see* An Hui Liang
Liang Changhong *see* Chu Qinxin 45367
Liang Changhong *see* Xia Jun 17739
Liang Changhong *see* Xiao Jianming 45105
Liang Changhong *see* Xie Yongjun 14673
Liang Changhong *see* Xie Yongjun 34162
Liang Changhong *see* Changhong Liang
Liang Chen *see* Chen Liang
Liang Chen Kuo *see* The Nan Chang 56147
Liang Chunguang *see* Gao Jianjun 16814
Liang Dakai, Tao Baoqi Study on stability of embedded polarized optic fiber sensors 36643
Liang Darwin *see* Darwin Liang
Liang Dexin *see* Dexin Liang
Liang Diannong *see* Lu Zhiyong 58467
Liang Diannong *see* Tan Xiaozhou 60165
Liang Diannong *see* Wang Chengyou 56406
Liang Dongmin, Ma Shaohan An extended Steiner tree optimization problem and its applications 57895
Liang Feng *see* Feng Liang
Liang Haifan *see* Haifan Liang
Liang Han-Bin *see* Han-Bin Liang
Liang Hong *see* Li Su 57383
Liang Hongyi *see* Hongyi Liang
Liang Hsing-Chung *see* Hsing-Chung Liang
Liang Huiying *see* Huiying Liang
Liang Ji *see* Wei Bingqing 4169
Liang Jian-Xin *see* Jian-Xin Liang
Liang Jiben *see* Lu Liwu 32005
Liang Jin, Gupta, M.M., Nikiforuk, P.N. Uniform approximation of continuous-time dynamic systems using dynamic neural networks 56590
Liang Junwu *see* Jin Xiaojun 42033
Liang Kung-Hao *see* Kung-Hao Liang
Liang Lu *see* Lu Liang
Liang Meicheng The building and management of standardized unmanned communication station in the electric power system 38222
Liang Ming-Chung *see* Ming-Chung Liang
Liang Mong Song *see* Mong Song Liang
Liang Mong-Song *see* Mong-Song Liang
Liang Nai-Yuan *see* Nai-Yuan Liang
Liang Peihui *see* Peihui Liang
Liang Peng Dong *see* Dong Liang Peng
Liang Qian Yao *see* Yao Liang Qian
Liang Qilian, Zhou Zheng, Liu Zemin Evolution of blind equalization algorithms and their common origin 45894
Liang Qinglong *see* Qinglong Liang
Liang Qu *see* Chen Fushen 7470
Liang Shunlin *see* Shunlin Liang
Liang Sun *see* Sun Liang
Liang Wan *see* Wan Liang
Liang Wenchao *see* Wenchao Liang
Liang Xiaobing *see* Ji Yanchao 51107
Liang Xu *see* Xu Liang
Liang Xue-Bin *see* Xue-Bin Liang
Liang Yi-Kung *see* Yang Yuan-Ting 29054
Liang Ying *see* Ying Liang
Liang Yong *see* Hou Zhijian 50561
Liang Yufeng *see* Yufeng Liang
Liang Zhang *see* Zhang Liang
Liang Zhao, SongDe Ma Vision based robot self localization 46346
Liang Zhen-Xian *see* Zhen-Xian Liang
Liang Zheng *see* Yang Ziqiang 21865
Liang Zhi-Pei *see* Zhi-Pei Liang

Liang Zhiyong *see* Zhiyong Liang
Liang Zhongcheng *see* Zhongcheng Liang
Liang Zhou, Imai, S. Chinese all syllables recognition using combination of multiple classifiers 24878
Liang Zicai *see* Zicai Liang
Liang-Fang Chao *see* Bhupathi, L. 1058
Liang-Fang Chao *see* Jian-Feng Shi 10432
Liang-Fang Chao *see* Passos, N.L. 53102
Liang-Gee Chen, Yuan-Chen Liu An efficient visual pattern block truncation coding 5174
Liang-Gee Chen *see* Chun-Te Chen 56934
Liang-Gee Chen *see* Chung-Wei Ku 5179
Liang-Gee Chen *see* Chung-Wei Ku 25385
Liang-Gee Chen *see* Chung-Wei Ku 56954
Liang-Gee Chen *see* Po-Cheng Wu 56801
Liang-Gee Chen *see* Sheng-Chieh Huang 31233
Liang-Gee Chen *see* Yee-Wen Chen 15897
Liang-Gee Chen *see* Yeong-Kang Lai 1494
Liang-Gee Chen *see* Yung-Pin Lee 35070
Liang-Hua Chen, Wei-Chung Lin Visual surface segmentation from stereo 25283
Liang-Jun Xu *see* Miedzinski, B. 53723
Liang-Min Zhang *see* Zhang Liang-Min
Liang-Mo Mei *see* Yi-Hua Liu 13418
Liang-Po Chen *see* Chao-Hsin Chien 22743
Liang-Teh Lee, Jin-Long Wang, Jeng-Der Chen Efficient flow control for multimedia and TCP/IP traffics 25848
Liang-Wey Chang *see* Jiann-Shing Shieh 49756
Liang-Yao Chen, Yi Su, Hong-Zhou Ma, Shi-Ming Zhou, Yu Wang, You-Hua Qian A new design to measure the absolute spectral reflectivity 48970
Liangbi Bao *see* Bao Liangbi
Liangeng Ban *see* Ban Liangeng
Liangfen Tang *see* Tang Liangfen
Liangji Lin *see* Xinhua Zhang 24929
Liangjun Weng *see* Weng Liangjun
Liangmin Zhang *see* Jingwen Zhang 4083
Liangmin Zhang *see* Xiaodong Mu 44642
Liangming Mao *see* Mao Liangming
Liangpu Zhu *see* Zhu Liangpu
Liangsheng Liao *see* Liao Liangsheng
Liangyan Sun *see* Sun Liangyan
Liangyao Chen *see* Chen Liangyao
Liangyi Chen *see* Chen Liangyi
Liangying Xu *see* Feng Wang 24194
Liangying Zhang *see* Donglin Li 52861
Liangying Zhang *see* Zhang Liangying
Liangzhu Zhou *see* Zhou Liangzhu
Lianjun Cao *see* Cao Lianjun
Lianjun Liu, Pey, K.L., Pangdow Foo HF wet etching of oxide after ion implantation 32231
Lianke Sun *see* Shengzhi Zhao 23838
Lianke Sun *see* Sun Lianke
Liannbe Chang *see* Chang Liannbe
Lianquan Gu *see* Gu Lianquan
Liansiang Yang *see* Steinchen, W. 48946
Lianxi Sheng *see* Sheng Lianxi
Lianxiang Yang *see* Steinchen, W. 33745
Lianxing Yang *see* Yang Lianxing
Liao, C.C. *see* Chin, A. 41448
Liao, C.S., Cheng, T.Y., Lin, S.Y., Lin, H.T. A microwave two-way time transfer experiment 27936
Liao, C.S. *see* Lin, S.Y. 26058
Liao, D.M. *see* Wang, C.-K. 42679
Liao, F.-J., Liu, J.-L. *(editors)* ICMWFST'96. 1996 4th International Conference on Millimeter Wave and Far Infrared Science and Technology. Proceedings (Cat. No.96TH8221) 52000
Liao, H.-Y.M. *see* Jun-Wei Hsieh 5293
Liao, H.B., Xiao, R.F., Fu, J.S., Yu, P., Wong, G.K.L., Ping Sheng Large third-order optical nonlinearity in Au:SiO_2 composite films near the percolation threshold 24076
Liao, H.H., Mei, O.B., Loi, K.K., Tu, C.W., Yu, P.K.L., Asbeck, P.M., Chang, W.S.C. Design of millimeter wave optical modulators with monolithically integrated narrow band impedance matching circuits for 1.3 μm photonic links 58352
Liao, H.H. *see* Chuang, Z.M. 3827
Liao, H.H. *see* Chuang, Z.M. 23919
Liao, J., Li, L., Sun, H., Lai, G. Performance analysis for ATM switching of mixed continuous-bit-rate and bursty traffic with smoothing function 46613
Liao, J. *see* Sun, H. 47150
Liao, J. *see* Talluri, R. 35194
Liao, J.-M. *see* Cherukuri, N. 1863
Liao, J.C. *see* Games, E. 1437
Liao, J.W. *see* Ho, C.H. 36288
Liao, M., Zabar, Z., Levi, E., Birenbaum, L. Analysis of generator-driven linear induction launchers 24419
Liao, M.C.H., Chang, Y.H., Chen, Y.F., Hsu, J.W., Lin, J.M., Chou, W.C. Fabrication of ZnSe quantum dots under Volmer-Weber mode by metalorganic chemical vapor deposition 52684
Liao, P. *see* Hooke, C.J. 22005
Liao, P.K. *see* Meyer, J.R. 7562
Liao, Q.D., Yang, K.T., Nee, V.W. Enhanced microprocessor chip cooling by channeled zero-mean oscillatory air flow 31311
Liao, R. *see* Iyer, R. 951
Liao, S.H. *see* Lin, K. 32794
Liao, S.H. *see* Lin, K. 32881
Liao, S.M., Wen, J.H., Hung, H.F., Lan, S.M. Morphology of thin film growth of gallium nitride by atmospheric pressure organometallic vapor phase epitaxy 21285
Liao, S.X., Pawlak, M. Chinese character recognition via orthogonal moments 5434
Liao, W.-H., Aggarwal, S.J., Aggarwal, J.K. The reconstruction of dynamic 3D structure of biological objects using stereo microscope images 46235
Liao, W.S., Tan, S.-M., Campbell, R.H. A fast, flexible network interface framework 6178
Liao, X.B. *see* Li, B. 9559
Liao, Y., Levi, E., Morgan, R. Simulation of PWM voltage source inverter based reactive power compensators using SIMULINK 60935
Liao, Y. *see* Li, X. 36641
Liao Chai-Chang *see* Chen Tsai-Hsiang 28866
Liao Cheng *see* Cheng Liao
Liao Chi-Hung *see* Chi-Hung Liao
Liao Chin-Wen *see* Chin-Wen Liao
Liao Ching *see* Ching Liao
Liao Ching-Jung *see* Chang Chih-Sheng 50655
Liao Chun-Lin *see* Chun-Lin Liao
Liao Da-Yin *see* Da-Yin Liao
Liao Fujiang *see* Wu Xianping 53989
Liao Gon-Der *see* Gon-Der Liao
Liao Guisheng, Bao Zheng, Wang Bo Comparison of second- and fourth-order cumulant-based MUSIC method in the presence of sensor errors 25150
Liao Guisheng, Bao Zheng, Xu Zhiyong On the requirements of antenna sidelobe level for airborne early warning phased array radar 36229
Liao Haifang *see* Haifang Liao
Liao Ho-En *see* Ho-En Liao
Liao Hong-Yuan *see* Hong-Yuan Liao
Liao Hong-Yuan Mark *see* Hong-Yuan Mark Liao
Liao Hong-Yung Mark *see* Hong-Yung Mark Liao
Liao Hung *see* Hung Liao
Liao Jen-Li *see* Chang Chih-Sheng 50655
Liao Jubi *see* Jubi Liao
Liao Kao-Shiang *see* Kao-Shiang Liao
Liao Liangsheng *see* Bao Ximao 42403
Liao Ling *see* Ling Liao
Liao Peihong *see* Zhang Hongming 19244
Liao Peihong *see* Zhang Hongming 50499
Liao Qing *see* Qing Liao
Liao Shih-Chu *see* Shih-Chu Liao
Liao Shun-An *see* Chen Tsai-Hsiang 28866
Liao Tingdi *see* Tingdi Liao
Liao Wen-Bin *see* Wen-Bin Liao
Liao Wen-Hung *see* Wen-Hung Liao
Liao Xianbo *see* Xiang Xianbi 20030
Liao Xianheng *see* Zhang Gengmin 37196
Liao Yanbiao *see* Jin Xiaodan 7383
Liao Yanbiao *see* Wang Xiangyang 3383
Liao Yu *see* Feng Ziliang 10672
Liao Yu-Pin *see* Yu-Pin Liao
Liao Yuan-Fu *see* Yuan-Fu Liao
Liao Yuan-Hwang *see* Yuan-Hwang Liao
Liao Yuefeng *see* Yuefeng Liao
Liao Yuyun *see* Yuyun Liao
Liapis, S. An adaptive boundary element method for the solution of potential flow problems 21198
Liarokapis, E. *see* Danesh, P. 12306
Lias, J.L., Jr. Advanced services management via intelligent access peripherals 26044
Liau, B. *see* Jensen, T. 47271
Liau, Z.-L. *see* Maki, P.A. 14176
Liau, Z.L. Surface vapor transport for accurate microoptics fabrication in compound semiconductors 21341
Liau, Z.L., Tsang, D.Z., Walpole, J.N. Simple compact diode-laser/microlens packaging 30325
Liau, Z.L. *see* Molnar, R.J. 21281
Liautard, B. *see* Ferhat, M. 10698
Liautard, B. *see* Ferhat, M. 10782
Liautard, B. *see* Ferhat, M. 21247
Liaw, B.Y. Electrochemical aspects of ionic solids 38950
Liaw, C.J. *see* Bellwied, R. 59284
Liaw, C.J. *see* Pandey, S.U. 37293
Liaw, C.M. *see* Wang, J.B. 39279
Liaw, H.C. *see* Chan, S.P. 41642
Liaw, J. *see* Hamahata, T. 58509
Liaw, J.-S. *see* Chern, M.-Y. 52629
Liaw, L.-H.L. *see* Anvari, B. 49771
Liaw, M.-J., Shieh, H.-P.D. Colorimetric calibration of CRT monitors using modified Berns' model 27806
Liaw, M.C. *see* Chao, T.S. 54651
Liaw, M.L. *see* Johnson, R.J. 16213
Liaw, S.K. *see* Chen, Y.K. 6816
Liaw, S.K. *see* Chen, Y.K. 16677
Liaw, U.H. *see* Su, Y.K. 44239
Liaw Haw-Jyh *see* Haw-Jyh Liaw
Liaw Jin-Nan *see* Jin-Nan Liaw
Liaw Ming-Chi *see* Ming-Chi Liaw
Liaw Shien-Kuei *see* Shien-Kuei Liaw
Liaw Wei-Wu *see* Wei-Wu Liaw
Liaw Yii-Yih *see* Yii-Yih Liaw
Libano, F. *see* Simonetti, D. 51157
Libbrecht, S. *see* Milants, K. 42370
Libby, B. *see* Barette, J. 59207
Libelo, L. *see* Wu, Q. 7256
Liben Liu *see* Liu Liben
Libenson, M.N., Makin, V.S., Trubaev, V.V. Heterodyne surface-electromagnetic-wave interferometry 24291
Liber, V.I. *see* Alekseev, V.N. 13920
Liberali, V., Malcovati, P., Maloberti, F. Sigma-delta modulation and bit-stream processing for sensor interfaces 58673
Liberali, V. *see* Francesconi, F. 1518
Liberali, V. *see* Maloberti, F. *(editor)* 51935
Liberali, Y., Maloberti, F., Tonietto, D. Sigma-delta processing in multisensor systems for carbon monoxide detection 7484
Liberant, L.N. *see* Belogorokhov, A.I. 54068
Liberati, D., Cursi, M., Locatelli, T., Comi, G., Cerutti, S. Total and partial coherence analysis of spontaneous and evoked EEG by means of multivariable autoregressive processing 49718
Liberatore, A. *see* Fedi, G. 11061
Liberko, C.A. *see* Walba, D.M. 44097
Liberman, I. *see* Chantry, P.J. 27942
Liberman, V., Malba, V., Bernhardt, A.F. Integration of vapor deposited polyimide into a multichip module packaging process 31656
Liberman, V. *see* Ovsyuk, V.N. 17376
Liberman, V.T. *see* Voitsekhovskii, A.V. 36563
Libert, G. *see* Draye, J.-P. 59599
Libert, R. *see* Kwan, T. 11539
Liberti, B. *see* Annis, P. 59237
Libertino, S. *see* Coffa, S. 32118
Libertino, S. *see* Coffa, S. 32132
Libertino, S. *see* Privitera, V. 31746
Liberts, G. *see* Zauls, V. 44648
Libing Yang, Bohm, B., Paulsen, O., Frederiksen, S. Evaluation of the dynamic performance of a hot water tank with built-in heating coil 60521
Libo He *see* Chance, B. 8008
Libous, J.P., O'Connor, D.P. Measurement, modeling, and simulation of flip-chip CMOS ASIC simultaneous switching noise on a multi-layer ceramic BGA 43290
Liboutet, J.M., Lambert, C., Mouton, P. An optimization of electrical contacts design in fluorescent lighting switches 11821
Libsch, F.R., Lien, A. A low power driving method for reducing cross-talk in high resolution TFT-LCDs 17689
Libsch, F.R. *see* Chun-Sung Chiang 12943
Libura, M. Optimality conditions and sensitivity analysis for combinatorial optimization problems 10400
Licai Wu *see* Wu Licai
Licata, T.J. *see* Rodbell, K.P. 42780
Licci, S. *see* Deffter, J. 36416
Licciardi, C.A., Minerva, R., Moiso, C., Spinelli, G. Would you use TINA in your IN-based network?: some feasible scenarios 47259
Licciardi, L., Peretti, Pilati, L., Ichai, J.-J., Martin, F. A set of multichip modules for high speed telecom applications 58063
Licciardi, L., Peretti, M., Pilati, L., Ichai, J.J., Martin, F. A set of multichip modules for high speed telecom applications 6410
Licciardi, L., Peretti, M., Pilati, L., Ichai, J.J., Martin, F., Urena, P.Y. A multichip module solution for high-performance ATM switching 6399
Licciardi, L. *see* Domenis, E. 6417
Licea, I. *see* Pintilie, L. 42279
Lichen Fu *see* Fu Lichen
Lichota, R.W., Hammonds, G.L., Brackin, S.H. Verifying the correctness of cryptographic protocols using "Convince" 25922
Lichota, R.W., Hammonds, G.L., Brackin, S.H. Verifying cryptographic protocols for electronic commerce 46718
Licht, S., Jin Hwang, Light, T.S., Dillon, R. The low current domain of the aluminum/sulfur battery 60985
Licht, T. *see* Herre, O. 32121
Lichte, H. Electron holography: optimum position of the biprism in the electron microscope 31732
Lichte, H., Geiger, D., Harscher, A., Heindl, E., Lehmann, M., Malamidis, D., Orchowski, A., Rau, W.-D. Artefacts in electron holography 33742
Lichte, H. *see* Heindl, E. 33743
Lichten, S.M. *see* Jefferson, D.C. 27334
Lichten, S.M. *see* Young, L.E. 26663
Lichtenbelt, B.B.A. *see* Jordan, S.D. 15735
Lichtenberg, C.L. *see* Nozette, S. 27126
Lichtenberg, F., Kleinsorgen, K. Stability enhancement of the CoOOH conductive network of nickel hydroxide electrodes 29551
Lichtenberg, L.R., Gillespie, P.J. Heated gas jet reflow: an alternative reflow solder assembly process technology 41614
Lichtenberg, M.A. *see* Tanaka, H.-A. 5922
Lichtenberger, M. *see* Wey, J. 33908
Lichtenecker, R. Terrestrial time signal dissemination 36317
Lichun Cheng *see* Cheng Lichun
Lichun Zhang *see* Zhang Lichun
Licoppe, C. *see* Flicstein, J. 897
Licznerski, B.W. *see* Dziedzic, A. 36465
Licznerski, B.W. *see* Golonka, L.J. 36490
Licznerski, B.W. *see* Snarskii, A.A. 11748
Lida, H. *see* Harada, K. 11901
Lida Dong *see* Yong Zhao 37799
Liddiard, K. *see* Ringh, U. 17468
Liddiard, K.C., Ringh, U., Jansson, C. Status of uncooled focal plane detector arrays for smart IR sensors 17491
Liddle, A. *see* Harriott, L. 54554
Liddle, A. *see* Wieser, J. 51827
Liddle, J.A. *see* Harriott, L.R. 22700
Liddle, J.A. *see* Harriott, L.R. 42874

Lide Wu *see* Wu Lide
Lideen, J., Dahl, A.O. Printing techniques for fine pitch screen printing 53766
Lidestri, K. *see* Perfecto, E.D. 301
Lidgate, D. The Teaching Company Scheme: an academic perspective 39614
Lidgey, F.J. *see* Hayatleh, K. 41320
Lidia, S.M. *see* Houck, T.L. 49092
Lidia, S.M. *see* Westenskow, G.A. 49091
Lidiard, K.A., Gray, P.F., Hayes, Y.W., Tosh, I.A.J. Construction of tolerance budgets for lens systems on micro-satellites [CCD camera] 8350
Lidzey, D. *see* Pavier, M.A. 33244
Lidzey, D.G., Pate, M.A., Weaver, M.S., Fisher, T.A., Bradley, D.D.C. Photoprocessed and micropatterned conjugated polymer LEDs 33297
Lie, C.H. *see* Shin, I. 9983
Lie, D.Y.C. *see* Im, S. 32135
Lie, T.T., Sharaf, A.M. An adaptive fuzzy logic power system stabilizer 28802
Lie, T.T., Wanhong Deng Optimal flexible AC transmission systems (FACTS) devices allocation 38321
Lie, T.T. *see* Sharaf, A.M. 50297
Lie, T.T. *see* Sharaf, A.M. 60691
Lie Chen *see* Chen Lie
Lie Wu *see* Li Feng 29578
Lie-Tong Yan *see* Chan, T.F. 38697
Lie-Yi Sheng *see* Zhenan Tang 36787
Lieb, W. *see* Frey, H.U. 50072
Liebau, F. The finite volume element method with quadratic basis functions 656
Liebe, C.C., Joergensen, J.L. Algorithms onboard the Oersted microsatellite stellar compass 59890
Liebe, C.C. *see* Eisenman, A. 59891
Liebe, C.C. *see* Joergensen, J.L. 59881
Liebe, C.C. *see* Joergensen, J.L. 59888
Liebe, T. *see* Amann, H. 46999
Liebeherr, J., Akyildiz, I.F., Sarkar, D. A bandwidth control scheme for connectionless ATM traffic with multiple traffic classes 5958
Liebeherr, J., Wrege, D.E., Ferrari, D. Exact admission control for networks with a bounded delay service 25869
Liebel, G. *see* Schmid, H. 42546
Liebel, G. *see* Sorli, I. 32219
Liebel, K. *see* Doss, M. 59941
Liebelt, M. *see* Appleton, S. 41106
Liebelt, M.J. *see* Appleton, S.S. 53327
Liebenow, C. Reversibility of electrochemical magnesium deposition from Grignard solutions 51456
Lieberman, K., Terkel, H., Rudman, M., Ignatov, A., Lewis, A. High resolution deep UV laser mask repair based on near-field optical technology 22696
Lieberman, M.A. *see* Tanaka, H.-A. 5922
Lieberman, S. *see* Friedman, L.J. 7635
Liebermann, J. *see* Franke, D. 32104
Liebert, A., Witkowski, K., Mayzner-Zawadzka, E., Maniewski, R. Application of multichannel laser Doppler flowmeter in anaesthetic measurements 18240
Liebertz, J. *see* Burianek, M. 10597
Liebetrau, T. *see* Bonath, W. 9872
Liebhart, K.-H. *see* Herrmann, G. 51740
Liebig, D., Abou Elnour, A., Schunemann, K. An implicit coupling scheme for the use of long time steps in stable self-consistent particle simulation of semiconductor devices with high doping levels 12859
Liebig, D. *see* Benz, C. 42069
Liebmann, L. *see* Hector, S. 32290
Liebovitch, L.S. *see* Hoyer, D. 49715
Liebscher, F. *see* Kersjes, R. 18181
Liechtenstein, V.K. *see* Dobeli, M. 37523
Liechti, K.M. *see* Watson, K.A. 1760
Liedenbaum, C.T.H. *see* Colak, S.B. 3513
Lieder, R.M. *see* Wilhelm, M. 37536
Liedermann, K. Monitoring of degradation processes in poly-(ethyleneglycolterephthalate) by dielectric relaxation spectroscopy 32707
Liedke, V. *see* Shiloh, P.J. 41661
Liedl, G., Schroder, K., Kaplan, A. Excimer laser processing of ferrite video heads 3224
Liedquist, L. *see* Lassila, A. 36584
Liedquist, L. *see* Manoochehri, F. 33219
Liefrink, F. The Josephson array voltage standard at the NMi Van Swinden Laboratorium 27235
Liegeois, C. *see* Vincensini, F. 26811
Lieguang Zeng *see* Zeng Lieguang
Liejia Qian *see* Renzhong Hua 44616
Liejia Qian *see* Qian Liejia
Lieliang Yang *see* Yang Lieliang
Liem, C. *see* Paulin, P.G. 46870
Liem, I.H.M. *see* Kan, S.C. 33091
Liempd, G.van *see* van Liempd, G.
Lien, A. A detailed derivation of extended Jones matrix representation for twisted nematic liquid crystal displays 48762
Lien, A. *see* Chen, C.-J. 33138
Lien, A. *see* Libsch, F.R. 17689
Lien, C.-D. *see* Ma, Z. 53277
Lien, C.-D. *see* Youn, S. 41179
Lien, M. *see* Smith, J.C. 22822
Lien, Y.E. *see* Chen Shi 56812
Lien Cheng-Chang *see* Cheng-Chang Lien
Lien Chuen-Der *see* Chuen-Der Lien
Lien Jih *see* Jih Lien
Lien Wen-Pin *see* Wen-Pin Lien
Lienard, M., Degauque, P. Mobile telecommunication in mine: characterization of the radio channel 6571
Lienau, C. *see* Richter, A. 23878
Lienau, P.J. Geothermal heat pump performance and utility programs in the United States 60564
Lienhart, R. *see* Pfeiffer, S. 46460
Lienig, J. A parallel genetic algorithm for two detailed routing problems 2773
Lienig, J. Channel and switchbox routing with minimized crosstalk. A parallel genetic algorithm approach 52965
Lienig, J., Cohoon, J.P. Genetic algorithms applied to the physical design of VLSI circuits: a survey 11134
Lienig, J., Thulasiraman, K. GASBOR: a genetic algorithm approach for solving the switchbox routing problem 32481
Liepa, V.V. *see* McCormack, C.J. 24894
Liepin'sh, V.Ya. An algorithm for evaluating a discrete Fourier transform for incomplete data 30568
Liepsch, D., Weigand, C. LDA and ultrasound measurements in a healthy carotid artery model 18254
Lier, C. *see* Voss, M. 23989
Lier, J.van *see* van Lier, J.
Lierop, J.van *see* van Lierop, J.
Liersch, G., Peter, U., Danisch, R., Freiman, M., Huemmer, M., Roettinger, H., Hansen, H. Concept study for a combined reinforced concrete containment 29011
Liesegang, J., Senn, B.C. Resistivity, charge diffusion, and charge depth determinations on charged insulator surfaces 7563
Liesert, S., De Rango, P., Soubeyroux, J.L., Fruchart, D., De la Bathie, R.P. Anisotropic and coercive HDDR Nd-Fe-B powders prepared under magnetic field 3119
Lieshout, L.A.E.van *see* van Lieshout, L.A.E.
Lieshout, M.van *see* van Lieshout, M.
Lieske, R., Blanchard, K., Dyball, S., Yuan Guo Evaluation of squeegee and stencil parameters for ultra fine pitch printing 41672
Liess, H.-D. *see* Rohrbeck, W. 8603
Liess, H.-D. *see* Rumpler, W. 48718
Liess, H.-D. *see* Tuyen, L.T.T. 54056
Liess, M., Chinn, D., Petelenz, D., Janata, J. Properties of insulated gate field-effect transistors with a polyaniline gate electrode 42982
Lieu, N.Van *see* Van Lieu, N.
Lieu Chi Tsai *see* Chi Tsai Lieu
Lieutier, M. *see* Melouki, B. 60949
Liev, L.F., Sumerin, V.V., Hyuppenen, A.P. Diffraction coupler using a set of apertures for the diagnostics of high-power laser beams 44609
Liew, A.C. *see* Chang, C.S. 28807
Liew, A.C. *see* Dash, P.K. 8744
Liew, A.C. *see* Dash, P.K. 19037
Liew, A.C. *see* Dash, P.K. 50485
Liew, A.C. *see* Dash, P.K. 60332
Liew, A.C. *see* Mackerras, D. 38433
Liew, A.C. *see* Sng, E.K.K. 51700
Liew, A.C. *see* Zhijun Gan 28946
Liew, C.W. Using feedback to improve VLSI designs 31048
Liew, S.C. On the stability of shuffle-exchange and bidirectional shuffle-exchange deflection networks 35437
Liew, S.C., Chi-Yin Tse A control-theoretic approach to rate-controlled video compression 57097
Liew, S.C. *see* Chan, H.H. 57562
Liew, S.C. *see* Goh, K.L. 59497
Liew, S.C. *see* Ngai Li 57265
Liewendahl, K. *see* Pohjonen, H. 28278
Liezhao, C.Cao *see* Cao Liezhao, C.
Lifang Li, Zhigang Cao A modified learning rule of the neural network for error correcting decoding 45590
Lifang Wang *see* Wang Lifang
Lifanov, I., Lifanov, I., Novikov, S. Numerical solution of 3-D Neuman problem for scalar Helmholtz equation at the bodies of complex shapes 45083
Lifanov, I. *see* Lifanov, I. 45083
Lifante, G., Balaji, T., Munoz-Yague, A. Planar optical waveguides fabricated by molecular beam epitaxy of Pb-doped CaF_2 layers 55279
Lifante, G. *see* Herreros, B. 13638
Lifante, G. *see* Herreros, B. 13666
Lifante, G. *see* Schiller, E. 43987
Lifen Li *see* Li Lifen
Lifen Tian *see* Tian Lifen
Lifeng Li *see* Mendes, S.B. 44003
Lifeng Liu, Guangyou Xu Segmenting color images using normalized deviation body reflectance 25346
Lifeng Liu *see* Liu Lifeng
Lifka, H. *see* de Graaf, C. 41160
Lifshits, V.O. *see* Rozhanskii, N.V. 54529
Lifshitz, E. *see* Chen-Esterlit, Z. 12398
Lifu Gong, Qu Li, Yingli Chen, Xianfeng Chen Whispering gallery modes of a curved antiresonant reflecting optical waveguide 55258
Ligang Chen *see* Chyan, O.M.R. 48457
Ligatsikas, Z., Rioboo, R., Roy, M.F. Generic computation of the real closure of an ordered field 21015
Ligdas, P., Farvardin, N. Power control schemes for fading additive white Gaussian noise channels 36039
Liggett, D.P. *see* Babiarz, P.S. 39680
Liggett, K.K., Reising, J.M., Solz, T.J., Jr., Hartsock, D.C. A comparison of military electronic approach plate formats 59932
Liggett, W. *see* Mulholland, G.W. 48340
Liggi, G. *see* Buscemi, M. 15624
Liggins, M.E., II, Chee-Yee Chong, Kadar, I., Alford, M.G., Vannicola, V., Thomopoulos, S. Distributed fusion architectures and algorithms for target tracking 28587
Light, C. *see* Wong, P.S. 50663
Light, D.N., Heck, H.L., Kresge, J.S. A high performance carrier technology for MCM applications 41711
Light, E.D. *see* Smith, S.W. 18369
Light, M.E. *see* Sherman, J.D. 49174
Light, T.S. *see* Licht, S. 60985
Lightbody, G. *see* McDowell, D.M. 60173
Lightbody, G. *see* Wilson, D.J.H. 30343
Lightfoot, P., Mason, P. Mission operations architecture (MOCA)–an operations concept to reduce costs 28562
Lightfoot, R.S. Systems engineering: the application of processes and tool in the development of complex information technology solutions 10009
Lightfoot, R.S. *see* Donnelly, R.G. 9954
Lightner, M., Avery, J. A paperless circuits laboratory: vision and reality 20668
Lightowlers, E.C. *see* Higgs, V. 54207
Lightstone, A.W., Videla, N., Mason, D.L.D. Exceptional increases in electron cone output as the backup diaphragms are opened 28425
Lightstone, L. *see* Hughes, W. 16948
Lightstone, M., Majani, E., Mitra, S.K. Low bit-rate design considerations for wavelet-based image coding 46244
Lightstone, M., Mitra, S.K. Optimal variable-rate mean-gain-shape vector quantization for image coding 15476
Lightstone, M., Mitra, S.K. Image-adaptive vector quantization in an entropy-constrained framework 35296
Ligthart, H.J. *see* van Gorkom, G.G.P. 41802
Ligthart, L.P. *see* Hajian, M. 56191
Liguo Luo, Chu, P.L. Self-pulsation and bistability in a CW pumped erbium-doped fiber resonator system 23802
Liguori, C. *see* Martini, M. 8202
Liguori, F. New approaches to weapon system testing or "Back to the Future" 38149
Lih Jiann-Shing *see* Jiann-Shing Lih
Lih Weicheng *see* Yung, F.I. 3695
Lih-Gen Sheu *see* Ching-Ting Lee 13699
Lih-Gen Sheu *see* Ching-Ting Lee 33076
Lih-Huah Yiin, Poor, H.V. Linear interpolation models for rapidly-sampled data 34881
Lih-Wen Laih, Shiou-Ying Cheng, Wei-Chou Wang, Po-Hung Lin, Jing-Yuh Chen, Wen Chau Liu, Wei Lin High-performance InGaP/InGaAs/GaAs step-compositioned doped-channel field-effect transistor (SCDCFET) 22882
Lih-Wen Laih *see* Jung-Hui Tsai 22764
Lih-Wen Laih *see* Kun-Wei Lin 43113
Lih-Wen Laih *see* Wen-Chau Liu 42185
Lih-Wen Laih *see* Wen-Chau Liu 42956
Lihbor Yiin, Stuber, G.L. MLSE and soft-output equalization for trellis-coded continuous phase modulation 6563
LihChyun Shu *see* Ming-Chung Liang 5867
Lihn Hung-Chi *see* Hung-Chi Lihn
Lihong Jiao, Hongyue Liu, Semoushikina, S., Yeeheng Lee, Wronski, C.R. Initial, rapid light-induced changes in hydrogenated amorphous silicon materials and solar cell structures: the effects of charged defects 12151
Lihong Wang *see* Shao-Pow Lin 37657
Lihong Zhang, Zhang, Q.J. Optimal pin-assignment for ground noise minimization in IC packages and connectors 2747
Lihong Zhi *see* Zhi Lihong
Lihua Hu, Morrison, R.E. The use of modulation theory to calculate the harmonic distortion in HVDC systems operating on an unbalanced supply 60362
Lihua Li, Wei Qian, Clarke, L.P. X-ray medical image processing using directional wavelet transform 28143
Lihua Li *see* Wei Qian 59562
Lihua Nie *see* Kang Chen 7452
Lihua Shi *see* Shi Lihua
Lihua Xie, Wei-Yong Yan, Yeng Chai Soh L_2 optimal reduced order filter design 45830
Lihua Xu *see* Xu Lihua
Lihui Guo *see* Guo Lihui
Lihwen Laih *see* Laih Lihwen
Lii, K.-S. Nonlinear systems and higher-order statistics with applications 4773
Lii, K.-S. *see* Lehr, M.E. 25615
Lii, Y.T. *see* Zurcher, P. 1378
Lii Mirng-Ji *see* Mirng-Ji Lii
Liiou, A.V. *see* Esin, S.K. 37133
Liiou, A.V. *see* Feschenko, A.V. 37134
Lijiang Zeng, Matsumoto, H., Kawachi, K. Simultaneous measurement of the shape and thickness of a dragonfly wing 27888
Lijiang Zeng, Matsumoto, H., Kawachi, K. Two-directional scanning method for reducing the shadow effects in laser triangulation 48891

Lijiang Zeng, Matsumoto, H., Kawachi, K. Multi-point dynamic displacement probe that uses a self-focusing micro-lens array 59014
Lijiang Zeng, Ohnuki, T., Matsumoto, H., Kawachi, K. A new method for measuring the thickness and shape of a thin film simultaneously by combining interferometry and laser triangulation [and application to biomechanics] 36902
Lijie Qiao *see* Qiao Lijie
Lijiu Ji *see* Ji Lijiu
Lijuan Qin *see* Qin Lijuan
Lijuan Song, Sisan Shen, Tsakalis, K.S., Crouch, P.E., Cale, T.S. Optimal control for increasing throughput in low pressure chemical vapor deposition 40570
Lijun, W. *see* Zbroszczyk, J. 23309
Lijun Chen *see* Chen Lijun
Lijun Cheng *see* Cheng Lijun
Lijun Jin *see* Jin Lijun
Lijun Luo, Cairong Zou, Xiqi Gao, Zhenya He A new prediction search algorithm for block motion estimation in video coding 46305
Lijun Luo *see* Xiqi Gao 46306
Lijun Tong *see* Mehregany, M. 13199
Lijun Wang *see* Wang Lijun
Lijun Zhang, Shanjia Xu Finite-element analysis of planar dielectric waveguide discontinuities 14685
Lik Wong *see* Scheff, K. 57548
LiKamWa, P., Kan'an, A.M. Ultrafast all-optical switching in multiple-quantum-well Y-junction waveguides at the band gap resonance 54222
LiKamWa, P. *see* Kan'an, A.M. 16697
LiKamWa, P. *see* Wang, H. 23577
Likang Li *see* Xuejun Xu 52573
Likar, B., Pernus, F. Evaluation of three contrast correction methods for digital subtraction in dental radiography: an in vitro study 49420
Like Wang *see* Wang Like
Likhachev, S.M. *see* Biryukova, I.P. 8573
Likhachev, V.P. *see* Pasmurov, A.Ya. 36260
Likhanov, N. *see* Tsybakov, B. 26593
Likhoded, N.A. Systolic processor synthesis for matrix operation computation 41028
Likhodeev, S.I. *see* Zaitsev, A.M. 60776
Likhomanov, A.M., Panin, S.Yu., Pisarev, A.Yu. Synthesis of standard adjustments for velocity-stabilization systems 50899
Likhomanov, A.M., Panin, S.Yu., Pisarev, A.Yu. Synthesis of servodrives on the basis of a frequency approach 51721
Likic, A. *see* Cheung, E.S.H. 16935
Likit-Anurucks, K. *see* Sugino, N. 53324
Liland, K.B., Peres, I., Pitchford, L.C., Boeuf, J.P. Modeling the breakdown and glow phases during the ignition of HID lamps 9724
Lileev, A.S., Ayuyan, A.G., Steiner, W., Reissner, M. Low-temperature magnetization reversal processes in permanent magnets based on $R_2T_{14}B$ 3149
Lileev, A.S. *see* Albutov, A.A. 3239
Lileev, A.S. *see* Oreshkin, M.A. 55065
Lilensten, J., Amblard, P.O. Time-frequency tools of signal processing for EISCAT data analysis 56529
Lilensten, J. *see* Lathuillere, C. 60066
Liley, M. *see* Gizeli, E. 17569
Lili Xie *see* Xie Lili
Lilian Liu *see* Liu Lilian
Lilien, J.L., Hansenne, E., Kokkinos, D., Mandanis, G., Papailiou, K.O. Dynamic loads caused by lightning stroke in a conductor angle arrangement 50634
Lilienblum, T., Albrecht, P., Michaelis, B. 3D-measurement of geometrical shapes by photogrammetry and neural networks 15539
Liliental-Weber, Z., Kisielowski, C., Ruvimov, S., Chen, Y., Washburn, J., Grzegory, I., Bockowski, M., Jun, J., Porowski, S. Structural characterization of bulk GaN crystals grown under high hydrostatic pressure 10621
Liliental-Weber, Z., Ruvimov, S., Kisielowski, Ch., Chen, Y., Swider, W., Washburn, J., Newman, N., Gassmann, A., Liu, X., Schloss, L., Weber, E.R., Grzegory, I., Bockowski, M., Jun, J., Suski, T., Pakula, K., Baranowski, J., Porowski, S., Amano, H., Akasaki, I. Structural defects in heteroepitaxial and homoepitaxial GaN 10804
Liliental-Weber, Z. *see* Jasinski, J. 12638
Liliental-Weber, Z. *see* Ruvimov, S. 22418
Liliental-Weber, Z. *see* Ruvimov, S. 52593
Liliental-Weber, Z. *see* Wang, H.-H. 55432
Lilja, D.J. *see* JunSeong Kim 47214
Lill, T. *see* Chinn, J.D. 54486
Lilleberg, J. *see* Latva-aho, M. 47539
Lilley, D.G. Temperature measurements in a small house fire 17858
Lilleyman, J. *see* Sharrot, M. 6112
Lilliestrale, M. *see* Broddner, S. 47598
Lillington, D. *see* Lee, X.Y. 38977
Lillis, J., Chung-Kuan Cheng, Lin, T.-T.Y. Algorithms for optimal introduction of redundant logic for timing and area optimization 1024
Lillis, J. *see* Lung-Tien Liu 31050
Lillis, L. *see* Fang-Jou Liu 40794
Lillycrop, L.S., Howell, G.L. In-situ long-term deployment of water quality sensors adversely affected by biological fouling 50204
Lilua Han *see* Han Lilua
Lily, E. *see* Drezek, R. 59530
Lim, A. Performance driven placement using Tabu search 11071
Lim, A. Performance driven placement using Tabu search 31044
Lim, A., Yeow-Meng Chee, Hsu, W. Upgrading links for performance [computer network] 35714
Lim, A.S. *see* Lee, K.S. 357
Lim, B. *see* Chen, Q. 58757
Lim, B.W., Chen, Q.C., Khan, M.A., Sun, C.J., Yang, J.Y. High responsitivity intrinsic photoconductors based on $Al_xGa_{1-x}N$ 7365
Lim, B.W., Gangopadhyay, S., Wang, J.W., Osinsky, A., Chen, Q., Anwar, M.Z., Khan, M.A. 8x8 GaN Schottky barrier photodiode array for visible-blind imaging 48557
Lim, B.W. *see* Sun, C.J. 44277
Lim, C. *see* Pratapneni, S. 53084
Lim, C.K. *see* Hammons, T.J. 19286
Lim, C.K. *see* Han, B. 10066
Lim, C.K. *see* Han, B. 30067
Lim, C.K. *see* Han, B. 30317
Lim, C.W., Toh, C.C., Fu, J.K., Lahiri, S.K. Effect of thermal cycling on stresses in thin silicon nitride and silicon carbide films 10919
Lim, D. *see* Byun, D. 31843
Lim, D. *see* Mirzai, B. 31436
Lim, D. *see* Morris, S. 12661
Lim, D. *see* Morris, S. 54343
Lim, D. *see* Park, J. 42606
Lim, D.H. *see* Kim, J.-H. 12705
Lim, F.L., Venkatesh, S., West, G.A.W. Resolution consideration in spatially variant sensors 5298
Lim, F.L., West, G.A.W., Venkatesh, S. Tracking in a space variant active vision system 5289
Lim, G., Alder, M. A nonparametric approach for detecting lines and curves 56996
Lim, G., Park, K., Sugihara, M., Minami, K., Esashi, M. Future of active catheters 8085
Lim, G.H. Designing and testing a dynamic vibration absorber rig 51035
Lim, H. *see* Kwon, S.D. 2102
Lim, H. *see* Moon, C.R. 32069
Lim, H.J., Ryu, B.Y., Ryu, J.I., Jang, J. Structural and electrical properties of low temperature polycrystalline silicon deposited using SiF_4-SiH_4-H_2 31794
Lim, H.S., Verzwyvelt, S.A. Effects of electrode thickness on power capability of a sintered-type nickel electrode 29533
Lim, H.T., Nyang, D.H., Song, J.S. New sequence number for AAL 3/4 in ATM networks 46587
Lim, I.-C. *see* Park, C.-W. 5802
Lim, J. *see* Seo, C. 45599
Lim, J.-T. *see* Shim, K.-H. 47136
Lim, J.S., Un, C.K. Block conjugate gradient algorithms for adaptive filtering 24920
Lim, J.S. *see* Baylon, D.M. 35256
Lim, K.-S. *see* Chan, M.C. 16422
Lim, K.E., Hwang, D.J. Dynamic load balancing technique for wide area video server 58587
Lim, K.H.H. *see* Tan, N.X. 52242
Lim, K.W., Song, B.C., Ra, J.B. Fast hierarchical block matching algorithm utilizing spatial motion vector correlation 56857
Lim, K.W. *see* Ling, K.V. 45828
Lim, K.W. *see* Rahman, M.F. 14536
Lim, K.W. *see* Rahman, M.F. 29737
Lim, K.W. *see* Song, B.C. 15618
Lim, K.W. *see* Zhong, L. 60719
Lim, K.Y. *see* Jeon, H.I. 32028
Lim, K.Y. *see* Kim, J.-H. 12705
Lim, L.C., Tan, L.K., Zeng, H.C. Bubble formation in Czochralski-grown lead molybdate crystals 683
Lim, M., Kalkur, T.S. Electrical characteristics of Pt-bismuth strontium tantalate(BST)-p-Si with zirconium oxide buffer layer 54297
Lim, M.L. *see* Downey, S. 20932
Lim, M.S. *see* Kim, J.W. 47462
Lim, M.S. *see* Milstein, L.B. 25896
Lim, N.S., Zelter, G.R., Allison, D.U., Reilly, J.J., Srinivasan, S., Stockel, J.F. Studies on hydride-forming alloys as the active material of a metal hydride electrode for a nickel metal hydride cell 61041
Lim, S.-C., Kye, J.-W., Woo, S.-G., Kim, S.-G., Kang, H.-Y., Han, W.-S., Koh, Y.-B. Application of alternating phase-shifting masks to sub-quarter micron contact holes 2462
Lim, S.-C. *see* Hong, S. 22642
Lim, S.-K. *see* Lee, I.-W. 47704
Lim, S.F., Li, G.S., Yuen, W., Chang-Hasnain, C.J. Intracavity resonant quantum-well photodetection of a vertical-cavity surface-emitting laser 44546
Lim, S.F., Li, G.S., Yuen, W., Chang-Hasnain, C.J. Intracavity quantum-well photodetection of a vertical-cavity surface-emitting laser 58740
Lim, S.J. *see* Shin, H.K. 40637
Lim, S.K., Sim, H.C., Wong, K.C. Two-dimensional object recognition based on a modified genetic algorithm 35078
Lim, S.K., Sim, H.C., Wong, K.C. Two-dimensional object recognition using genetic algorithm with geometric constraints 57437
Lim, S.K. *see* Hammons, T.J. 60350
Lim, S.W. *see* Honda, T. 44295
Lim, T.B. *see* Wu, J.H. 222
Lim, T.J. *see* Shin, I. 9983
Lim, T.K., Kam, C.H., Yap, E.J., Yap, H.Y. Automated visual inspection of LCD modules 36815
Lim, Y.-C. *see* Low, S.-H. 5525
Lim, Y.C. *see* Goh, C.K. 45843
Lim, Y.P. *see* Hammons, T.J. 19286
Lim, Y.S. *see* Baek, H.L. 50977
Lim Byeong Woo *see* Byeong Woo Lim
Lim Byoung-Duk *see* Byoung-Duk Lim
Lim Byung Ha *see* Byung Ha Lim
Lim Chae Hoon *see* Chae Hoon Lim
Lim Chae Tak *see* Chae Tak Lim
Lim Chae-Tak *see* Chae-Tak Lim
Lim Chang Soo *see* Chang Soo Lim
Lim Chin Chou *see* Chin Chou Lim
Lim Eng Sin *see* Chu Ming Cheung 57780
Lim Hee Chun *see* Hee Chun Lim
Lim Hee Jin *see* Hee Jin Lim
Lim Hyeong Seok *see* Hyeong Seok Lim
Lim Hyesook *see* Hyesook Lim
Lim Hyung Kyu *see* Hyung Kyu Lim
Lim Hyung-Kyu *see* Hyung-Kyu Lim
Lim Il-Hwan *see* Il-Hwan Lim
Lim Il-Taek *see* Il-Taek Lim
Lim Jae Bong *see* Jae Bong Lim
Lim Jae Sung *see* Jae Sung Lim
Lim Jae-Hak *see* Jae-Hak Lim
Lim Ji-Eun *see* Ji-Eun Lim
Lim Koeng Su *see* Koeng Su Lim
Lim Koeng-Su *see* Koeng-Su Lim
Lim Koengsu *see* Koengsu Lim
Lim Kyoohyun *see* Kyoohyun Lim
Lim Kyungshik *see* Kyungshik Lim
Lim Lay-Hua *see* Lay-Hua Lim
Lim Moo-Sup *see* Moo-Sup Lim
Lim Myoung Seob *see* Myoung Seob Lim
Lim Nguyen *see* Dennis, T. 36151
Lim Pang Boey *see* Inoue, M. 43607
Lim Seung-Ha *see* Seung-Ha Lim
Lim Shao-Jen *see* Shao-Jen Lim
Lim Shin-Ii *see* Shin-Ii Lim
Lim Soon-Young *see* Soon-Young Lim
Lim Sung Ho *see* Sung Ho Lim
Lim Sung Kyou *see* Sung Kyou Lim
Lim Sungkyoo *see* Sungkyoo Lim
Lim Tae Hoon *see* Tae Hoon Lim
Lim Tae-Hoon *see* Tae-Hoon Lim
Lim Teng Joon *see* Teng Joon Lim
Lim Thiam Beng *see* Bhandarkar, N. 204
Lim Thiam-Beng *see* Thiam-Beng Lim
Lim Yong-Ching *see* Yong-Ching Lim
Lim Young-Bae *see* Young-Bae Lim
Lim Young-Cheol *see* Young-Cheol Lim
Lim Young-Ho *see* Young-Ho Lim
Lim Young-Hun *see* Young-Hun Lim
Lima, A., Cruz, C., Antunes, F. A new low cost AC-DC converter with high input power factor 51222
Lima, A.C.S.de *see* de Lima, A.C.S.
Lima, A.F.M.M.de *see* de Lima, A.F.M.M.
Lima, A.G.G. *see* Stephan, R. 61374
Lima, A.M.N. *see* Jacobina, C.B. 29324
Lima, A.M.N. *see* Ribeirbo, L.A.S. 51704
Lima, A.M.Nogueira *see* Nogueira Lima, A.M.
Lima, C.R., Davies, P.A. Noise in microwave signals generated by pulsed semiconductor lasers 23896
Lima, C.R.A., Cescato, L.H.D. Mixing of the reflected waves to monitor and stabilize holographic exposures 4152
Lima, C.R.A., Soares, L.L., Cescato, L., Gobbi, A.L. Reflecting polarizing beam splitter 44603
Lima, J. *see* Gracias, N. 25509
Lima, J.A.C. *see* Atalar, E. 7989
Lima, L.A.de Paula, Jr. *see* de Paula Lima, L.A., Jr.
Lima, L.C.De *see* De Lima, L.C.
Lima, T.N. *see* Freire, S.L.S. 22376
Liman Su *see* Su Liman
Limanov, A.B. Simulation of lateral grain growth at excimer-laser crystallization of amorphous silicon films 52736
Limanov, A.B. *see* Barchuk, I.P. 32085
Limanova, N.I. Multichannel fiber optic sensors for precision measurements of vibration and linear position 36640
Limaye, A.V. *see* Shinde, S.R. 40694
Limaye, K.U. *see* Christopher, S. 4340
Limaye, K.U. *see* Prakash, V.V.S. 4393
Limaye, R., Sen, P.K. Reflectivity and fidelity of phase conjugate radiations via stimulated Brillouin scattering in magnetized semiconductors 24187
Limaye, S.S. *see* Navghare, P.M. 40820
Limaye, S.S. *see* Nawghare, P.M. 27394
Limb, Y. *see* Chen, W.-M. 22615
Limbach, H.-P. Plasmatron–a flat picture screen becomes reality 17640
Limberger, H.-G. *see* Meyer, T. 3370
Limberger, H.-G. *see* Meyer, T. 55209
Limberger, H.G., Varelas, D., Salathe, R.P., Kotrotsios, G. Mechanical degradation of optical fibers induced by UV light 23473
Limberger, H.G., Varelas, D., Sayah, A., Salathe, R.P., Vasiliev, S.A., Dianov, E.M. Post-irradiation resonance wavelength adjustment of long period grating based loss filters 43984
Limberger, H.G. *see* Fonjallaz, P.-Y. 33020
Limberger, H.G. *see* Gusarov, A. 13701
Limberger, H.G. *see* Varelas, D. 55196
Limberger, H.G. *see* Vasiliev, S.A. 13590
Limborg, C. *see* Besnier, G. 18001
Limborg, C. *see* Farvacque, L. 18005
Limbourg, I. *see* Bouchakour, R. 2683
Limei Wang *see* Wang Limei
Limin Chen *see* Fuding Ge 10956

Limin Du *see* Du Limin
Limin Duan *see* Duan Limin
Limin Gu *see* Gu Limin
Limin Jin *see* Dong-Suk Yuk 34638
Liming Chen *see* Ardebilian, M. 46051
Liming Chen *see* Faudemay, P. 46053
Liming Hwang *see* Bhattacharya, S. 41147
Liming Wei, Estrin, D. Multicast routing in dense and sparse modes: simulation study of tradeoffs and dynamics 46825
Liming Xu *see* Xu Liming
Liming Zhang, Wei Wang, Ke Jiang A weight-adjustable hardware accelerator board for DTCNN implementation and application 31190
Liming Zhang *see* Jianping Fan 5506
Limiti, E. *see* Giannini, F. 53045
Limmechokchai, B. *see* Chirarattananon, S. 61317
Limmer, W. *see* Gerster, J. 22220
Limnios, N. Dependability analysis of semi-Markov systems 52364
Limnios, N. *see* Platis, A. 38210
Limnios, N.E. *see* Platis, A.N. 60954
Limon, M. *see* Torres, S. 36292
Limongiello, A. *see* Coppo, P. 47291
Limpaecher, R., Rodriguez, R., Bush, M., Vinacco, K., Gatewood, M. High power harmonic-free AC to DC rectification 51269
Limpaecher, R., Rodriguez, R., Bush, M., Vinacco, K., Gatewood, M. Compact and efficient transformerless power conversion system 51270
Limqueco, J.C., Bayoumi, M.A. A scalable architecture for 2-D discrete wavelet transform 31296
Limuti, D. Modeling instabilities in mating switchmode power supplies to input LC filters 31119
Lin, A. *see* Landsberger, S. 37875
Lin, A.T., Chih-Chien Lin Wiggler enhanced cyclotron autoresonance maser amplifiers 33349
Lin, B., Matthewson, M.J. Inert strength of subthreshold and post-threshold Vickers indentations on fused silica optical fibres 23505
Lin, B., Van Rompaey, K., Vercauteren, S., Verkest, D., Bolsens, I., De Man, H. Designing single chip systems 52943
Lin, B. *see* Bhattacharya, D. 53092
Lin, B. *see* Bolsens, I. 47746
Lin, B.-R. Neural and fuzzy applications for converter control 19848
Lin, B.-R. Fuzzy PWM DC-DC converter control 19849
Lin, B.-R. Analysis of neural and fuzzy-power electronic control 38864
Lin, B.-R., Hwang, T.-S. Topologies for high power factor three-phase AC-to-DC converter 51376
Lin, B.-S.P. *see* Chiung-Shien Wu 7067
Lin, B.-S.P. *see* Chiung-Shien Wu 17059
Lin, B.-S.P. *see* Chiung-Shien Wu 58083
Lin, B.-S.P. *see* Mowcheng Lee 5828
Lin, B.C., Ho, K.-P., Dai, H., Pan, J., Gysel, H., Ramachandran, M. Hybrid WDM systems for video trunking: high capacity applications 6860
Lin, B.J. Signamization [photolithography] 2502
Lin, B.X. *see* Yang, H.Q. 9524
Lin, C., Zhang, J., Zou, S. Progress in research of SOI technology in China 42309
Lin, C. *see* Agarwal, S. 32835
Lin, C. *see* Dai, H. 16772
Lin, C. *see* Goldstein, E.L. 26740
Lin, C. *see* Haynes, L. 30112
Lin, C. *see* Haynes, L. 36389
Lin, C. *see* Nair, R. 31610
Lin, C. *see* Zhu, S. 42305
Lin, C.-C. *see* Loe, Y.-C. 42656
Lin, C.-C. *see* Loe, Y.-C. 42656
Lin, C.-F., Ingerly, D.B., Chang, Y.A. PdIn contacts to n-type and p-type GaP 12525
Lin, C.-H., Chen, C.-C., Jenq, J.-S., De Beeck, M.O., Van Den Hove, L. DUV resist profile improvement on TiN deposited metal layer 2529
Lin, C.-H., Wang, C.-T., Chang, C.-C. A group-oriented (t,n) undeniable signature scheme without trusted center 24771
Lin, C.-H. *see* Malin, J.I. 3891
Lin, C.-J., Hsu, C.C.-H., Chen, H.-H., Hong, G. A new ultra low voltage silicon-rich-oxide (SRO) NAND cell 53280
Lin, C.-J., Hsu, C.C.-H., Chen, H.-H., Hong, G., Lu, L.S. Enhanced tunneling characteristics of PECVD silicon-rich-oxide (SRO) for the application in low voltage flash EEPROM 1344
Lin, C.-J. *see* Jones, R.E., Jr. 32797
Lin, C.-L., Dai, C.-M., Lin, C.-Y. Lithographic performance at 0.3 to 0.35 micron patterns by using i-line stepper with off-axis illumination technology 2530
Lin, C.-L. *see* Dai, C.-M. 2469
Lin, C.-L. *see* Yan, Y.-S. 22645
Lin, C.-P., Sano, M., Sekine, M. Detection of targets embedded in sea ice clutter by means of MMW radar based on fractal dimensions, wavelets, and neural classifiers 27073
Lin, C.-S. A PC-based simulation network for cogeneration plants 60522
Lin, C.-S., Chang, R.-S. Digital image processing for evaluating the characteristics of the microstructure of a holographic plate 55928
Lin, C.-W. *see* Jeng, J.-Y. 46747
Lin, C.-Y. *see* Lin, C.-L. 2530
Lin, C.B. *see* Ming-Chieh Lee 35187
Lin, C.C., Kuo, C.J. M-array VLSI architecture for order statistic filters 25741
Lin, C.C., Kuo, C.J. Fast response 2-D rank order filter by using max-min sorting network 53432
Lin, C.C., Pease, D.J. A bracket classified coding scheme for image compression 56759
Lin, C.C. *see* Adrian, V. 50024
Lin, C.C. *see* Kuo, C.J. 25393
Lin, C.C. *see* Lin, S.Y. 26058
Lin, C.C. *see* Regolo, C. 16937
Lin, C.C.-F. *see* Wei-Tsu Tseng 42684
Lin, C.D. *see* Hung, Y.H. 30229
Lin, C.H., Kuo, C.J. Channel noise recovery of images through anti-Gray coding technique 25361
Lin, C.H. *see* Hone-Zern Chen 3282
Lin, C.H. *see* Sengupta, D.K. 54326
Lin, C.J. *see* Juing-Yi Cheng 42510
Lin, C.L., Chang, W.J., Li, M.Y., Li, C.H., Chi, C.C., Wu, M.K. Josephson coupling behavior of $YBa_2Cu_3O_{7-x}$ bicrystal grain-boundary junctions 3271
Lin, C.M. *see* Chou, W.C. 30697
Lin, C.S. *see* Lin, K.-J. 11298
Lin, C.T., Su, Y.K., Chang, S.J., Huang, H.T., Chang, S.M., Sun, T.P. Effects of passivation and extraction surface trap density on the 1/f noise of HgCdTe photoconductive detector 27576
Lin, C.Y. *see* Guo, X.L. 52807
Lin, D., Fuchs, E.F., Doyle, M. Computer-aided testing of electrical apparatus supplying nonlinear loads 50880
Lin, D. *see* Kelly, M. 32539
Lin, D. *see* Verhaege, K. 24339
Lin, D.C., Klein, J.R., Pendley, R.D., Hoge, S.L. Use of XRunner for automation 38026
Lin, D.W. *see* Chien, Y.-M. 56628
Lin, D.Y. *see* Chung, S.Y. 12278
Lin, E. *see* Chen, Y.C. 53672
Lin, E. *see* Cowles, J. 41519
Lin, E.W., Chang, K.W., Wang, H., Tran, L., Tan, K.L. A performance comparison of monolithic W-band singly-balanced mixers utilizing GaAs HEMT and InP HBT technologies 31151
Lin, F., Ajuria, S.A., Ilderem, V., Masquelier, M.P. Front-end integration effects on gate oxide quality 42613
Lin, F. *see* Bult, K. 17268
Lin, F. *see* Kaminski, R.L. 16771
Lin, F. *see* Taiwei Lu 46110
Lin, F.W. *see* Tan, M. 18090
Lin, F.Y. *see* Ho, L.T. 54050
Lin, G. *see* Kirlin, R.L. 8417
Lin, G.-S. *see* Ku, C.-W. 58050
Lin, G.C.I. *see* Kao, Y.C. 16350
Lin, G.C.I. *see* Wang, L. 48693
Lin, G.H., He, M.Z., Bockris, J.O'M. An initial investigation of amorphous silicon-selenium solar cells 9550
Lin, G.H., Xing, X., Johnson, K.E., Bertram, H.N. Texture induced noise and its impact on system performance 32841
Lin, H., Templeton, J.E. Transverse instability of a backward waves and relevant control parameters for self-pumped cat phase-conjugate mirrors 33637
Lin, H., Venetsanapoulos, A.N. Incorporating human visual system (HVS) models into the fractal image compression 25573
Lin, H., Venetsanopoulos, A.N. Fast pyramidal search for perceptually based fractal image compression 56750
Lin, H., Wang, T., Mossberg, T.W. Single-sideband spectral holographic optical memory 13553
Lin, H., Wu, N.J., Geiger, F., Xie, K., Ignatiev, A. A ferroelectric-superconducting photodetector 7336
Lin, H. *see* Kia, T. 49844
Lin, H. *see* Wang, T. 3355
Lin, H. *see* Wang, T. 26728
Lin, H. *see* Wu, N.J. 17373
Lin, H.-T., Kao, Y.-H. A predistortion technique for DFB laser diodes in lightwave CATV transmission 17089
Lin, H.-T., Lee, S.-C., Chang, H.-W. Defect reduction through characterization and equipment modification in tungsten residue caused by deposition process 42657
Lin, H.C. *see* Kub, F.J. 48553
Lin, H.H., Fisher, M.P.A. Mode locking in quantum-Hall-effect point contact 2207
Lin, H.H. *see* Chen, J.C. 3839
Lin, H.H. *see* Chen, J.C. 23923
Lin, H.H. *see* Cheng, W.H. 14503
Lin, H.H. *see* Hung, Y.H. 30229
Lin, H.P. *see* Jeng, S.S. 6668
Lin, H.T. *see* Liao, C.S. 27936
Lin, H.T. *see* Rich, D.H. 31976
Lin, H.T. *see* Rich, D.H. 54197
Lin, I.I., Rees, W.G. Machine-based snow line determination and the identification of ice sheet features in visible and SAR imagery 8511
Lin, I.N. *see* Chuang, F.Y. 12063
Lin, I.N. *see* Chuang, F.Y. 53932
Lin, I.N. *see* Chuang, F.Y. 53933
Lin, I.N. *see* Lin, W.J. 10883
Lin, J. *see* Behjat, A. 23738
Lin, J. *see* Malik, R.J. 1736
Lin, J. *see* Ruan, Y.Z. 34405
Lin, J.-M., Chang, C.-H., Tsai, H.-L. Optimal trajectory tracking system design by LEQG/LTR method 50276
Lin, J.C.-H. *see* Paul, S. 57789
Lin, J.C.H., Lee, D.H.T. Fabrication of single/double crown-shaped capacitors on DRAM cell using phase shift mask technology 1406
Lin, J.H. *see* Mangum, B.W. 27206
Lin, J.H. *see* Wu, N.M. 43220
Lin, J.L., Chen, S.J. μ-based controller design for a DC-DC switching power converter with line and load variations 51118
Lin, J.L., Lew, J.S. Analysis, modeling and robust controller design for a series resonant converter 51103
Lin, J.M. *see* Liao, M.C.H. 52684
Lin, J.Y. *see* Jiang, H.X. 41899
Lin, J.Y. *see* Morkoc, H. 12362
Lin, J.Y. *see* Seong-Don Hwang 42909
Lin, J.Y. *see* Smith, M. 12213
Lin, K., Chang, J.-W., Romankiw, L.T. Effects of saccharin on the nucleation of permalloy plating 30848
Lin, K., Chang, J.-W., Romankiw, L.T. Highly wear resistant plated soft magnetic material by particle dispersion 32854
Lin, K., Liao, S.H., Roberts, G.E. Frameless permalloy plating for MR shields 32881
Lin, K., Lo, C., Liao, S.H., Roberts, G.E. The optimization of NiFe composition for MR shields 32794
Lin, K.-H., Chen, C.-S., Hwang, T.T. Layout-driven chaining of scan flip-flops 11299
Lin, K.-I. *see* Kobla, V. 57342
Lin, K.-J., Lin, C.S. Removing CSC violations in asynchronous circuits by delay padding 11298
Lin, K.-L. *see* Lee, C.-Y. 30961
Lin, K.-W. *see* Liu, W.-C. 54595
Lin, K.C. *see* Chang, J.-W. 32795
Lin, K.H. *see* Chen, Y.F. 44422
Lin, K.J.Ray *see* Ray Lin, K.J.
Lin, K.L. *see* Cubiotti, P. 40075
Lin, K.P. *see* Yang, J. 28235
Lin, K.P. *see* Yang, J. 28240
Lin, K.S. *see* Chen, H.Z. 48974
Lin, K.W. *see* Liu, W.C. 54689
Lin, L. *see* Chiueh, T. 47074
Lin, L. *see* Jain, V.K. 31286
Lin, L. *see* Jain, V.K. 31337
Lin, L.-B., Jenekhe, S.A., Young, R.H., Borsenberger, P.M. Hole injection and transport in tris-(8-hydroxyquinolinato) aluminum 44205
Lin, L.-C., Jay Kuo, C.-C. On theory and regularization of scale-limited extrapolation 24914
Lin, L.C.-L., Chen, S.C., Wurtele, J.S. An equivalent network analysis of waveguide broad-wall coupled RF gun structures 37194
Lin, L.Y., Shen, J.I., Lee, S.S., Wu, M.C. Novel monolithic free-space optical disk pickup head realized by surface micromachining 3331
Lin, L.Y., Shen, J.L., Lee, S.S., Wu, M.C. Surface-micromachined micro-XYZ stages for free-space microoptical bench 32579
Lin, L.Y., Shen, J.L., Lee, S.S., Wu, M.C. Vertical adjustment in surface-micromachined free-space micro-optical bench 33105
Lin, L.Y., Shen, J.L., Lee, S.S., Wu, M.C. Surface-micromachined micro-XYZ stages for free-space micro-optical bench 44045
Lin, L.Y., Wu, M.C., Itoh, T., Vang, T.A., Muller, R.E., Sivco, D.L., Cho, A.Y. Velocity-matched distributed photodetectors with high saturation power and large bandwidth 6866
Lin, L.Y. *see* King, C.R. 32572
Lin, L.Y. *see* Lee, S.S. 36109
Lin, M., Periyannan, A., Singer, D. Flexible design and implementation of an application programming interface for asynchronous transfer mode 46577
Lin, M.-J.J. The research on the measurement of corporate technology capability 52071
Lin, M.C. *see* Chtchekine, D.G. 40314
Lin, M.C. *see* Lu, C.N. 50557
Lin, M.H. *see* Hu, C.C. 32158
Lin, M.S. *see* Premuzic, E.T. 60565
Lin, M.T. *see* Young, C.W. 37747
Lin, P.-H. *see* Dhirani, A. 41699
Lin, P.C.M. *see* Montanaro, J. 1446
Lin, P.S.D. *see* Amersfoort, M.R. 44511
Lin, P.S.D. *see* Zah, C.E. 55630
Lin, Q., Che, C., Yuk, D.-S., Jin, L., de Vries, B., Pearson, J., Flanagan, J. Robust distant-talking speech recognition 15117
Lin, Q. *see* Zhu, Q.D. 642
Lin, R. Shift switching with domino logic: asynchronous VLSI comparator schemes 53188
Lin, R.-j. *see* Loong, W.-A. 2463
Lin, R.-M., Lee, S.C. Novel method for monitoring the surface roughness during molecular beam epitaxy 52628
Lin, R.S., Wei-Chin Lee, Chung-Yi Li Risk of childhood leukemia in households near high power lines 49813
Lin, S., Salari, E. Image coding using wavelet transform and classified vector quantisation 5194
Lin, S., Salari, E. Still-image compression using CVQ and wavelet transform 57369
Lin, S., Sang Wook Lee Detection of specularity using stereo in color and polarization space 5080
Lin, S., Sang Wook Lee Detection of specularity using stereo in color and polarization space 46425

Lin, S. *see* Buch, P. 22986
Lin, S. *see* Ke, N. 12165
Lin, S. *see* Moorthy, H.T. 24671
Lin, S. *see* Rajpal, S. 24751
Lin, S. *see* Thirumoorthy, H. 34618
Lin, S. *see* Wang, Q. 23887
Lin, S. *see* Wu, R. 23571
Lin, S.-Y. *see* Wang, L. 3632
Lin, S.C., Hart, W.F., Chorey, C.M., Bhasin, K.B. Power performance of YBCO thin films on sapphire substrates at microwave frequencies 53632
Lin, S.C. *see* Chen, S.S. 2269
Lin, S.P. *see* Lin, W.J. 10883
Lin, S.T. *see* Suhling, J.C. 326
Lin, S.Y., Lin, C.C., Sheu, C.M., Liao, C.S. The introduction of Taiwan's automatic computer time service 26058
Lin, S.Y. *see* Liao, C.S. 27936
Lin, T.-H. *see* Chu, P.-T. 54506
Lin, T.-T.Y. *see* Lillis, J. 1024
Lin, T.H. *see* Bult, K. 17268
Lin, T.L. *see* Chen, H.Z. 48974
Lin, T.L. *see* Gunapala, S.D. 48665
Lin, T.W. *see* Feng Lin 53454
Lin, T.Y. *see* Tay, A.A.O. 201
Lin, T.Y. *see* Tay, A.A.O. 260
Lin, W. The involute of circle and evolute of ellipse as generators of static field 33790
Lin, W., Morozova, N.D., Ju, T.H., Zhang, W., Lee, Y.C., McKnight, D.J., Johnson, K.M. Packaging of ferroelectric liquid crystal-on-silicon spatial light modulators 33135
Lin, W. *see* Chuang, Z.M. 3827
Lin, W. *see* Chuang, Z.M. 23919
Lin, W. *see* Lundquist, P.M. 44727
Lin, W. *see* Qian, Y. 23901
Lin, W.F., Uang, C.-M. Hologram for IR optical modulation 4141
Lin, W.J., Tseng, T.Y., Wu, Y.Z., Lin, S.P., Tu, S.L., Chang, H., Yang, S.J., Lin, I.N. Growth and fatigue properties of pulsed laser deposited $Pb_{1-x}La_x(Zr,Ti_z)O_3$ thin films with [001] preferred orientation 10883
Lin, W.T. *see* Hou, S.R. 59252
Lin, X., Wong, W.C., Sundberg, C.-E.W. Performance of skewed phase shift keying 4425
Lin, X. *see* Heifets, S. 49221
Lin, X.M. *see* Akansu, A.N. 47556
Lin, X.W., Pramanik, D. Correlation between the standard deviation of sheet resistance and the temperature of rapid thermal annealing 22618
Lin, X.W. *see* Desimoni, J. 12643
Lin, X.Y. *see* Zhang, J.G. 11809
Lin, X.Z. *see* Sun, Y.N. 18265
Lin, Y., Kessler, T.J., Lawrence, G.N. Design of continuous surface-relief phase plates by surface-based simulated annealing to achieve control of focal-plane irradiance 3933
Lin, Y. *see* Hennessey, K. 13059
Lin, Y.-B. A comparison study of the two-tier and the single-tier personal communications services systems 6578
Lin, Y.-B. *see* Jeng, J.-Y. 46747
Lin, Y.-C., Hesketh, P.J., Lunte, S.M., Wilson, G.S. A micromachined diaphragm micropump 23063
Lin, Y.-C. *see* Shyu, J.-J. 41332
Lin, Y.-P., Vaidyanathan, P.P. Periodically nonuniform sampling of a new class of bandpass signals 45903
Lin, Y.-S., Huang, H.-C., Shung, C.B. A queue manager chip for shared buffer ATM switches 16501
Lin, Y.C. *see* Tai, S.C. 15813
Lin, Y.F., Yeh, T.I., Chan, K.H., Chen, T.S. The automatic calibration system of humidity fixed points at CMS 48300
Lin, Y.L., Witulski, A.F. Analysis and design of current-fed push-pull resonant inverters-cold cathode fluorescent lamp drivers 39378
Lin, Y.S. *see* Tsai, C.S. 33165
Lin, Y.T. *see* Lu, C.N. 50557
Lin, Y.Y., Gundlach, D.J., Jackson, T.N. High-mobility pentacene organic thin film transistors 2726
Lin, Y.Y. *see* Gundlach, D.J. 32422
Lin, Z. *see* Liang, J. 59632
Lin, Z. *see* Zhu, S. 42305
Lin, Z.-S., Bian, W.-L., You, W.-H. The wavelets and hierarchies of the climate system 28624
Lin Ao *see* Ao Lin
Lin Bao Shuh P. *see* Bao Shuh P. Lin
Lin Bao-Shuh P. *see* Bao-Shuh P. Lin
Lin Bin *see* Zhao Hao 3382
Lin Bin-Hong *see* Bin-Hong Lin
Lin Bor-Ren *see* Bor-Ren Lin
Lin Botao, Qiu Shui-Sheng Symbolic analysis of PWM switching power converters 19839
Lin Cai-Xin *see* Cai-Xin Lin
Lin Chang-Shiarn *see* Chang-Shiarn Lin
Lin Chang-Shyan *see* Chang-Shyan Lin
Lin Chao-Kun *see* Chao-Kun Lin
Lin Chau-Jy *see* Chau-Jy Lin
Lin Cheh-Hsiung *see* Chen Chao-Shun 60318
Lin Chen-Shang *see* Chen-Shang Lin
Lin Cheng-Chih *see* Cheng-Chih Lin
Lin Cheng-Chung *see* Cheng-Chung Lin
Lin Cheng-Huang *see* Cheng-Huang Lin
Lin Cheng-Jen Comparison between 6% and 0.12% series reactance for 23 kV static condenser 29517
Lin Cheng-Jen *see* Cheng-Jen Lin
Lin Cheng-Lu *see* Zhang Miao 54289
Lin Cheng-Lu *see* Zhu Shi-Yang 13136
Lin Chenglu *see* Xi Xuemei 12680
Lin Chenglu *see* Xin Huoping 812
Lin Chenglu *see* Zheng Yuxiang 2049
Lin Chenglu *see* Chenglu Lin
Lin Chern Sheng *see* Chern Sheng Lin
Lin Chi-Fa *see* Chi-Fa Lin
Lin Ch'i-Hsin *see* Ch'i-Hsin Lin
Lin Chih-Chien *see* Chih-Chien Lin
Lin Chih-Hsiang *see* Chih-Hsiang Lin
Lin Chih-Pao *see* Chih-Pao Lin
Lin Chih-Ying *see* Chih-Ying Lin
Lin Chii-Jeng *see* Chii-Jeng Lin
Lin Chii-Wann *see* Chii-Wann Lin
Lin Chin-E *see* Chin-E Lin
Lin Ching-Chyuan *see* Ching-Chyuan Lin
Lin Ching-Fuh *see* Ching-Fuh Lin
Lin Chinlon *see* Chinlon Lin
Lin Chiu-Feng *see* Chiu-Feng Lin
Lin Chiung-Wei *see* Chiung-Wei Lin
Lin Chorng-Ming *see* Chorng-Ming Lin
Lin Chrong-Jung *see* Chrong-Jung Lin
Lin Chuan *see* Zhang Shudan 53617
Lin Chuan *see* Chuan Lin
Lin Chuan-Kai *see* Chuan-Kai Lin
Lin Chuang Ming *see* Ming Lin Chuang
Lin Chun-Hong *see* Chun-Hong Lin
Lin Chun-Nan *see* Chun-Nan Lin
Lin Chung-Jie *see* Chung-Jie Lin
Lin Clinlon *see* Clinlon Lin
Lin Der-Gao *see* Der-Gao Lin
Lin Dong Xian *see* Xian Lin Dong
Lin Dong-Tsuen *see* Dong-Tsuen Lin
Lin Faa-Jeng *see* Faa-Jeng Lin
Lin Feng, Jiao Qun, Li Binglin, Lin Weimin Phone-line-based distant substation video transmission system: Far-V [power system telemetry] 38445
Lin Feng, Wang Like, Zhang Guanyuan, Gu Wen A new multimedia digital recording system: DRS-32 28770
Lin Feng *see* Feng Lin
Lin Ferng-Ching *see* Ferng-Ching Lin
Lin Fu-Huei *see* Fu-Huei Lin
Lin Fuyau *see* Fuyau Lin
Lin Gong-Ru *see* Gong-Ru Lin
Lin Gray *see* Gray Lin
Lin Guan *see* Shijie Cheng 60309
Lin Guan *see* Guan Lin
Lin Guangming *see* Guangming Lin
Lin Guanwei *see* Cai Xiang 50395
Lin Gyi Huang *see* Huang Lin Gyi
Lin Han-Bin *see* Han-Bin Lin
Lin Hao-Hsiung *see* Hao-Hsiung Lin
Lin Hong, Jian, A., Pankanti, S., Bolle, R. Fingerprint enhancement 25475
Lin Hong *see* Jain, A. 5629
Lin Hong *see* Hong Lin
Lin Horng-Chih *see* Horng-Chih Lin
Lin Horng-Dar *see* Horng-Dar Lin
Lin Hsiao-Yi *see* Hsiao-Yi Lin
Lin Hsin-Chih *see* Hsin-Chih Lin
Lin Hsin-I *see* Hsin-I Lin
Lin Hsin-Kuo *see* Hsin-Kuo Lin
Lin Hsin-Piao *see* Hsin-Piao Lin
Lin Hsiu-Chih *see* Hsiu-Chih Lin
Lin Huamao, Xia Zhongfu, Shen Shaoqun, Zhang Hongyan, Cao Yang, Zhu Jianwei The charge dynamics of thermally wet grown SiO_2 electret by corona charging method with constant grid current 54900
Lin Huamao *see* Huamao Lin
Lin Hui-Tang *see* Hui-Tang Lin
Lin Hung-Jen *see* Hung-Jen Lin
Lin Hung-Tser *see* Hung-Tser Lin
Lin I-Nan *see* I-Nan Lin
Lin Ing-Jer *see* Ing-Jer Lin
Lin Ja-Chen *see* Ja-Chen Lin
Lin Janq-Yan *see* Jen Ming-Une 28999
Lin Jenn-Wei *see* Jenn-Wei Lin
Lin Jenshan *see* Jenshan Lin
Lin Jian-Cheng *see* Jian-Cheng Lin
Lin Jianhua *see* Chen Wei 13831
Lin Jiann Tsuen *see* Jiann Tsuen Lin
Lin Jiann-Fu *see* Jiann-Fu Lin
Lin Jiaqi, Lei Qingquan Computer simulation of fractal dimension in dielectric breakdown 23144
Lin Jiing-Yuan *see* Jiing-Yuan Lin
Lin Jikeng, Yu Yixin, Dai Hongwei Composite decision tree-artificial neural network based power system dynamic security assessment 50315
Lin Jiming Features and problems of fast electromagnetic transient digital simulation in power systems 19044
Lin Jin-Mu *see* Jin-Mu Lin
Lin Jinmin, Zheng Haiqun, Zeng Yiping, Kong Meiying GaAs/AlGaAs multiquantum well infrared detector array 7356
Lin Jinmu, Long Shuyao Geometrically nonlinear analysis of the shallow shell by the displacement based boundary element formulation 21200
Lin Jinting *see* Sun Xiaowei 53653
Lin Jiun-Hwa *see* Jiun-Hwa Lin
Lin Jiunn-Lee *see* Jiunn-Lee Lin
Lin Jiunn-Lih *see* Jiunn-Lih Lin
Lin Jiunn-Nan *see* Jiunn-Nan Lin
Lin Jong Rong *see* Jong Rong Lin
Lin Jong-Kai *see* Jong-Kai Lin
Lin Jun *see* Lou Caiyun 3724
Lin Jun *see* Jun Lin
Lin Junhong *see* Junhong Lin
Lin Jyh-Shyan *see* Jyh-Shyan Lin
Lin Jzau-Sheng *see* Jzau-Sheng Lin
Lin Kang *see* Kang Lin
Lin Kang-Cheng *see* Kang-Cheng Lin
Lin Kang-Ping *see* Kang-Ping Lin
Lin Ko-Teh *see* Ko-Teh Lin
Lin Kuan-Jen *see* Kuan-Jen Lin
Lin Kuen-Cherng *see* Kuen-Cherng Lin
Lin Kui-Xun *see* Shi Wang-Zhou 42280
Lin Kun-Ping Application of PMT to solve the rectifier harmonic problems 60184
Lin Kun-Wei *see* Kun-Wei Lin
Lin Kunwei *see* Liu Wenchau 43085
Lin Kwang Ming *see* Kwang Ming Lin
Lin Kwang-Lung *see* Kwang-Lung Lin
Lin Kwanglung, Chang Shiuhyuan The morphologies and the chemical states of the multiple zincating deposits on Al pads of Si chips 32249
Lin Kwei-Jay *see* Kwei-Jay Lin
Lin Lan-Ying *see* Wang Zhan-Guo 2010
Lin Lan-Ying *see* Lan-Ying Lin
Lin Lanying *see* Chen Nuofu 2044
Lin Lanying *see* Chen Nuofu 54064
Lin Lanying *see* Huang Dading 30803
Lin Lanying *see* Lanying Lin
Lin Lee Luan *see* Luan Lin Lee
Lin Lei *see* Lei Lin
Lin Li *see* Da-Fu Cui 32679
Lin Li *see* Jie Zhang 30808
Lin Li *see* Li Lin
Lin Liangji *see* Liangji Lin
Lin Ling *see* Li Gang 59598
Lin Liwei *see* Liwei Lin
Lin Long-Ji *see* Long-Ji Lin
Lin Long-Shuh *see* Long-Shuh Lin
Lin Lou *see* Yoshida, N. 377
Lin Lu, Ungvichian, V. An optimization technique to minimize crosstalk in multi-layered and multi-microstrip-line board of high-speed digital circuits 41591
Lin Luo Fang *see* Fang Lin Luo
Lin Lyu Bao *see* Lyu Bao Lin
Lin Mengjou *see* Mengjou Lin
Lin Ming-Cheng *see* Ming-Cheng Lin
Lin Ming-Chung *see* Ming-Chung Lin
Lin Mou-Shiung *see* Mou-Shiung Lin
Lin Mu-Sheng *see* Mu-Sheng Lin
Lin Pang *see* Weiping Zhang 55922
Lin Pang *see* Pang Lin
Lin Ping *see* Ping Lin
Lin PingWei *see* Guo Yuan 27258
Lin Po Chih *see* Po Chih Lin
Lin Po-Chien *see* Po-Chien Lin
Lin Po-Hung *see* Po-Hung Lin
Lin Qian *see* Qian Lin
Lin Qiang *see* Qiang Lin
Lin Qiguang *see* Qiguang Lin
Lin Qing *see* Qing Lin
Lin Qingnong *see* Yang Jian 28794
Lin Qingwong *see* Yang Jian 38286
Lin Qun *see* Qun Lin
Lin Ray-Ming *see* Ray-Ming Lin
Lin Reitseng *see* Reitseng Lin
Lin Remin *see* Remin Lin
Lin Rong *see* Rong Lin
Lin Ruchang *see* Chen Naixiang 29141
Lin Ruey-Shiung, Li Chung-Yi, Guo Tzong-Yih, Wang Chin-Tun, Dong Lee, J., Wang, J. Estimated population attributable risk percent related to risk factors for cancers associated with extremely low frequency electromagnetic fields 59828
Lin Ruisen, Xu Yaoliang, Wang Ruhua, Gao Li, Lu Liang A new type of adaptive temperature programming controller 39431
Lin Shang, RuiKang Wang, Chatwin, C.R. Frequency multiplexed DOG filter 33218
Lin Shang-Hung *see* Shang-Hung Lin
Lin Shao-Pow *see* Shao-Pow Lin
Lin Shawn-Yu *see* Shawn-Yu Lin
Lin Sheng *see* Sheng Lin
Lin Shenji *see* Deng Yanping 5498
Lin Shi *see* Shi Lin
Lin Shi-Chang *see* Shi-Chang Lin
Lin Shi-Ming *see* Shi-Ming Lin
Lin Shien-Fong *see* Shien-Fong Lin
Lin Shih-Ping *see* Shih-Ping Lin
Lin Shih-Schon *see* Shih-Schon Lin
Lin Shih-Yen *see* Shih-Yen Lin
Lin Shih-Yuan *see* Shih-Yuan Lin
Lin Shin-Yeu *see* Shin-Yeu Lin
Lin Shiuan Huei *see* Shiuan Huei Lin
Lin Shiuan-Huei *see* Shiuan-Huei Lin
Lin Shu *see* Shu Lin
Lin Shu-Chuen *see* Shu-Chuen Lin
Lin Shujie *see* Shujie Lin
Lin Shuyu *see* Shuyu Lin
Lin Si-Jian *see* Si-Jian Lin
Lin Su-Heng *see* Su-Heng Lin
Lin Sun *see* Sun Lin
Lin Sung-Chien *see* Sung-Chien Lin
Lin Ta Yow *see* Ta Yow Lin
Lin Tan Yoke *see* Yoke Lin Tan
Lin Ting-Ting *see* Ting-Ting Lin
Lin True-Lon *see* True-Lon Lin
Lin Tsair-Chin *see* Tsair-Chin Lin
Lin Tsay-Der *see* Tsay-Der Lin
Lin Tsen-Hwang *see* Tsen-Hwang Lin
Lin Tsui-Tsai *see* Tsui-Tsai Lin

Lin Tsung-Han *see* Tsung-Han Lin
Lin Tyson *see* Tyson Lin
Lin Tzong-Liang *see* Tzong-Liang Lin
Lin Way *see* Way Lin
Lin Wei *see* Qiu Xiaoyan 50374
Lin Wei *see* Wei Lin
Lin Wei-Chung *see* Wei-Chung Lin
Lin Wei-Feng *see* Wei-Feng Lin
Lin Wei-Song *see* Wei-Song Lin
Lin Wei-Xun *see* Wei-Xun Lin
Lin Weili *see* Weili Lin
Lin Weimin *see* Lin Feng 38445
Lin Weipin *see* Weipin Lin
Lin Weiping *see* Weiping Lin
Lin Weizhu *see* Lan Wenguang 36371
Lin Weizhu *see* Weizhu Lin
Lin Wen-Hsin *see* Wen-Hsin Lin
Lin Wen-Piao *see* Wen-Piao Lin
Lin Wen-Yao *see* Wen-Yao Lin
Lin Wenhua *see* Wenhua Lin
Lin Weu-Piao *see* Weu-Piao Lin
Lin Win-Li *see* Win-Li Lin
Lin Wu Shye *see* Shye Lin Wu
Lin Wuu-Wen *see* Wuu-Wen Lin
Lin Xi-Wei *see* Xi-Wei Lin
Lin Xiangning, Liu Pei, Hu Huijun A synthesized filtering algorithm for use in microprocessor based control and protection system 50445
Lin Xianshu *see* Liu Guoxian 38284
Lin Xiaokang *see* Mao Shiwen 41011
Lin Xiaoqi *see* Gu Benguang 28000
Lin Xihong *see* Xihong Lin
Lin Xin *see* Xin Lin
Lin Xu Duan *see* Xu Duan Lin
Lin Xu Xiao *see* Xu Xiao Lin
Lin Xuan-Ying *see* Shi Wang-Zhou 42280
Lin XuDuan *see* XuDuan Lin
Lin Xueming *see* Xueming Lin
Lin Xueyin *see* Zhu Zhigang 5238
Lin Ya-Fang *see* Ya-Fang Lin
Lin Yang *see* Yan Zhong 56271
Lin Yang Xiang *see* Xiang Lin Yang
Lin Yang Xiang *see* Yang Xiang Lin
Lin Yaowang *see* Yaowang Lin
Lin Yi *see* Yi Lin
Lin Yi-Bing *see* Yi-Bing Lin
Lin Yih-Chuan *see* Yih-Chuan Lin
Lin Yih-Neng *see* Yih-Neng Lin
Lin Yikun *see* Qin Jiayin 13968
Lin Yikun *see* Qin Jiayin 55512
Lin Yikun *see* Qin Jiayin 55513
Lin Yikun *see* Zheng Xingshi 55505
Lin Yikun *see* Yikun Lin
Lin Yin-Ting *see* Yin-Ting Lin
Lin Ying-Dar *see* Ying-Dar Lin
Lin Yinyi *see* Yinyi Lin
Lin Yo-Sheng *see* Yo-Sheng Lin
Lin Yong *see* Wen Minhua 25959
Lin Yongchang *see* Tan Manqing 13794
Lin Yongchang *see* Yongchang Lin
Lin Youn-Long *see* Youn-Long Lin
Lin Youyi *see* Wu Ping 58773
Lin Youyi *see* Zhao Zhimin 44820
Lin Yu-Chuan *see* Yu-Chuan Lin
Lin Yu-De *see* Yu-De Lin
Lin Yu-Shyan *see* Yu-Shyan Lin
Lin Yuan-Pei *see* Yuan-Pei Lin
Lin Yuh-Farn *see* Yuh-Farn Lin
Lin Yun-Peng *see* Ma Yin-Peng 58987
Lin Yun-Ting *see* Yun-Ting Lin
Lin Zhang *see* Leonardo, E.J. 4476
Lin Zhang *see* Yi-Hua Liu 13418
Lin Zhang *see* Yun-Jiang Rao 58818
Lin Zhang-Da, Chen Yan, Chen Qi-Jin, Lee, S.T., Lam, Y.W. Very low pressure nucleation of diamond on mirror-smooth silicon in hot filament chemical vapor deposition system 40522
Lin Zhangda *see* Zhangda Lin
Lin Zhaojun *see* Zhaojun Lin
Lin Zheng Hui *see* Zheng Hui Lin
Lin Zhenghua, Li Yong, Yu Bo A combined homotopy interior point method for general nonlinear programming problems 10334
Lin Zhenghui *see* Chen Houpeng 53160
Lin Zhisheng *see* Zhisheng Lin
Lin Zhiyue *see* Zhiyue Lin
Lin Zhong-Heng *see* Zhong-Heng Lin
Lin Zone-Ching *see* Zone-Ching Lin
Lin Zongkai *see* Wang Tao 16223
Lin Zunqi *see* Ling Mingyi 36947
Lin-Bao Yang, Tao Yang, Crounse, K.R., Chua, L.O. Implementation of binary mathematical morphology using discrete-time cellular neural networks 35082
Lin-Cheng Wang *see* Jang, E.S. 25359
Lin-Her Jeng, Yuan-Yih Hsu, Chang, B.S., Chen, K.K. A linear programming method for the scheduling of pumped-storage units with oscillatory stability constraints 19608
Lin-Hong Qin *see* Qin Lin-Hong
Lin-Kun Wu, Wen-Feng Su, D., Bin-Chyi Tseng A fast algorithm for computing field radiated by an insulated dipole antenna in dissipative medium 18514
Lin-Shan Lee *see* Hsin-Min Wang 34700
Lin-Shan Lee *see* Jia-Lin Shen 15139
Lin-Shan Lee *see* Jia-Lin Shen 34648
Lin-Shan Lee *see* Sung-Chien Lin 14918
Lin-Shan Lee *see* Yumin Lee 24840
Lin-Wang Wang, Zunger, A. Pseudopotential-based multiband k·p method for ~250000-atom nanostructure systems 2181
Lin-Wang Wang *see* Zunger, A. 2172
Lina Lu *see* Lu Lina
Linan, M. *see* Delgado-Restituto, M. 1634
Linan Li *see* Li Linan
Linares, I., Maersereau, R.M., Smith, M.J.T. JPEG estimated spectrum adaptive postfilter using image-adaptive Q-tables and Canny edge detectors 5167
Linares, J., Lopez-Lago, E., Motero, C., Prieto, X. Interferometric characterization method of lateral ion exchange for refractive waveguide elements 13642
Linares, J., Nistal, M.C. Single local mode propagation through ion-exchanged waveguide elements with quasi-abrupt transitions 13675
Linares, J. *see* de la Fuente, R. 24257
Linares, L.R. *see* Marti, J.R. 38768
Linares, P., Torrealba, V., Montilla, G., Bosnjak, A., Jimenez, C., Barrios, V. Deformable model application on segmentation in 3-D echocardiography 49439
Linares-Barranco, B. *see* Serrano-Gotarredona, T. 2827
Linbing Kong *see* Kong Linbing
Linchang Zhang *see* Fang Han 45232
Linchang Zhang *see* Zhang Linchang
Linchen Chang Design procedures of a switched reluctance motor for automobile applications 20200
Lincheng Shen *see* Shen Lincheng
Lincheng Xiu *see* Yingduo Han 50376
Lincoln, P.D., Mitchell, J.C., Scedrov, A. Linear logic proof games and optimization 21044
Lincoln, R.W., Hogan, S. Multi-tiered multi-protocol networks for the National Airspace System (NAS) modernization 59991
Lincot, D. *see* Meherzi-Maghraoui, H. 30867
Lind, A.L. Electrical resistance tests of glass mat type separators 61002
Lind, M. *see* Irehvije, R. 30398
Lind, M. *see* Kallio, P. 54994
Lind, N.C. Vulnerability of damage-accumulating systems 365
Lind, R., Karlsson, D. Distribution system modelling for voltage stability studies 19287
Lindahl, K.A., Olson, D.L., Moore, J.J., Swartzlander, A.B., Nouñi, R. Quantitative investigation of reactions in copper-indium-gallium multilayer thin films 39107
Lindahl, O. Experiences from refinements of medical and technical research results at Umea University into commercial products for the health care market 18170
Lindahl, T. *see* Novak, A. 12039
Lindau, R., Moeslang, A. Electrical conductivity of the ceramic AlN under irradiation 54985
Lindberg, A.M. *see* van Eijkelenborg, M.A. 14214
Lindberg, E. *see* Tamasevicuius, A. 40954
Lindberg, J.F. *see* Butler, S.C. 48491
Lindberg, J.F. *see* Joshi, C.H. 48148
Lindberg, L. *see* Portnoff, G. 13352
Lindberg, L.-G. *see* Laurent, C. 37636
Lindberg, P.C. *see* McCullough, C.L. 46196
Lindberg, P.O. *see* Wolf, A.J. 29132
Lindbergh, D. The H.324 multimedia communication standard 26329
Lindblad, D.S. *see* Nygren, A. 49725
Lindblad, M. *see* Haukka, S. 52692
Lindblad, T. *see* Vlachos, S. 48407
Linde, F.L. *see* Brock, I.C. 37039
Linde, L.P. *see* van Wyk, D.J. 4524
Linde, T., Mild, K.H. Measurement of low frequency magnetic fields from digital cellular telephones 58206
Lindeberg, M. *see* Andersson, H. 16130
Lindeberg, T., Meng-Xiang Li Segmentation and classification of edges using minimum description length approximation and complementary junction cues 15716
Lindeke, R.R. *see* Fugelso, M.A. 30357
Lindell, I.V. Exact image theory for vertical electromagnetic sources above a slightly chiral half space 33789
Lindell, I.V. Heaviside operational calculus in electromagnetic image theory 34131
Lindell, I.V., Heiska, K. Simple image theory for the rough interface of two isotropic media 56037
Lindell, I.V., Nikoskinen, K.I., Flykt, M.J. Electrostatic image theory for an anisotropic half-space slightly deviating from transverse isotropy 14528
Lindell, I.V., Puska, P.P. Reflection dyadic for the soft and hard surface with application to the depolarising corner reflector 14547
Lindell, I.V., Sihvola, A.H. Duality transformation for nonreciprocal and nonsymmetric transmission lines 24512
Lindell, I.V. *see* Sihvola, A.H. 4190
Lindell, L.C., Aimone, M.A. Software predicts harmonic problems and simulates alternative solutions 29919
Lindelof, P.E. *see* Reimann, S.M. 2037
Lindemaier, J. *see* Bach, Fr.-W. 51918
Lindemark, B. Technical and economic aspects when using both DC (–48 V) and AC (230 V) telecom systems 51306
Linden, D., Glocker, F.X., Berlit, P. Variable innervation of the intrinsic foot muscles. An electrophysiological study 28327
Linden, D.S. *see* Altshuler, E.E. 24558
Linden, D.W. *see* Sholes, W.J. 28705
Linden, J. *see* Eriksson, T. 14976
Linden, J.T.van der *see* van der Linden, J.T.
Linden, M.B.Von der *see* Von der Linden, M.B.
Linden, R. *see* Fryhoff, D. 1893
Lindenbaum, M., Zeevi, Y.Y. Education in image sciences and engineering at the Technion 52031
Lindenbaum, M. *see* Rudshtein, A. 5049
Lindenmayer, A.E. *see* Shankar, P.M. 7980
Lindenmeyer, M. *see* Antos, J. 37373
Lindenstruth, V. *see* Betts, W. 59222
Lindenstruth, V. *see* Bieser, F. 59307
Linder, B.P., Cheung, N.W. Plasma immersion ion implantation with dielectric substrates 12681
Linder, B.P. *see* En, W. 2326
Linder, E. *see* Ashkinadze, B.M. 2176
Linder, E. *see* Harel, R. 12402
Linder, E. *see* Manassen, A. 2209
Linder, E. *see* Opher-Lipson, M. 12395
Linder, E.B., Hanley, J.P. Manufacturing experience with $GaInP_2/GaAs/Ge$ solar panels for space demonstration 37998
Linder, E.B. *see* Becker, F.E. 51615
Linder, E.B. *see* Ralph, E.L. 38004
Linder, K.K. *see* Malik, R. 42380
Linder, N. *see* Rott, S. 42204
Linder, T., Lugosi, G., Zeger, K. Empirical quantizer design in the presence of source noise or channel noise 34596
Lindermeir, W.M. Design of robust test criteria in analog testing 11990
Lindfors, A. *see* Hagberth, R. 50722
Lindgren, B. *see* Finkelstein, S.M. 49375
Lindgren, M., Currie, M., Williams, C., Moffat, S.H., Hughes, R.A., Hegmann, F.A., Preston, J.S., Hsiang, T.Y., Sobolewski, R. Picosecond photoresponse of $YBa_2Cu_3O_{7-x}$ thin films 32916
Lindgren, M., Currie, M., Williams, C.A., Hsiang, T.Y., Fauchet, P.M., Sobolewski, R., Moffat, S.H., Hughes, R.A., Preston, J.S., Hegmann, F.A. Ultrafast photoresponse in microbridges and pulse propagation in transmission lines made from high-T_c superconducting Y-Ba-Cu-O thin films 55122
Lindgren, M. *see* Bonushkin, Y. 31719
Lindgren, M. *see* Carlsson, P. 22103
Lindgren, S., Ahlfeldt, H., Backlin, L., Forssen, L., Vieider, C., Elderstig, H., Svensson, M., Granlund, L., Andersson, L., Kerzar, B., Broberg, B., Kjebon, O., Schatz, R., Forzelius, E., Nilsson, S. 24-GHz modulation bandwidth and passive alignment of flip-chip mounted DFB laser diodes 33542
Lindholm, D. *see* Speranza, T. 22503
Lindholm, T.S. *see* Laine, H.-J. 59473
Lindkvist, A. Evaluation of a dynamic route guidance field trial in Sweden 58229
Lindley, D. Financing the UK's renewable energy boom 19444
Lindley, P.M., Schueler, B.W., Diebold, A.C., Hockett, R.S., Mulholland, G. Analysis of submicron aluminum and alumina particles by time-of-flight secondary ion mass spectrometry (TOF-SIMS) [surface contamination] 43177
Lindmair, N. *see* Kozlowski, F. 13171
Lindmark, B., Sanford, J. Optimization of aperture coupled patch antenna element for mobile communication applications 34448
Lindmark, E.K. *see* Nelson, T.R., Jr. 3934
Lindmayer, M., Paulke, J. Arc motion and pressure formation in low voltage switchgear 19904
Lindmayer, M. *see* Fenski, B. 29486
Lindmayer, M. *see* Helmer, J. 29484
Lindmayer, M. *see* Karetta, F. 19906
Lindmayer, M. *see* Wilkening, E.-D. 29485
Lindner, A. A method of providing grounding for a microwave multilayer MMIC package 41516
Lindner, A., Velling, P., Prost, W., Wiersch, A., Kuphal, E., Burchard, A., Magerle, R., Deicher, M., Tegude, F.J. The role of hydrogen in low-temperature MOVPE growth and carbon doping of $In_{0.53}Ga_{0.47}As$ for InP-based HBT 40358
Lindner, A. *see* Carter, J. 41489
Lindner, A. *see* Krawczynski, H. 37287
Lindner, D.K. *see* Zvonar, G.A. 19933
Lindner, E. *see* Uhlig, A. 17562
Lindner, E.H. *see* Haumer, A. 9249
Lindner, H.A. *see* Woetting, G. 39291
Lindner, J.F. *see* Inchiosa, M.E. 25049
Lindner, J.K.N., Gotz, B., Frohnwieser, A., Stritzker, B. MeV ion beam synthesis of well-defined buried 3C-SiC layers in silicon 12703
Lindner, J.K.N., Volz, K., Preckwinkel, U., Goetz, B., Frohnwieser, A., Rauschenbach, B., Stritzker, B. Formation of buried epitaxial silicon carbide layers in silicon by ion beam synthesis 21333
Lindner, J.K.N. *see* Nylandsted Larsen, A. 42371
Lindner, J.K.N. *see* O'Raifeartaigh, C. 30743
Lindner, J.K.N. *see* Preckwinkel, U. 31755
Lindner, J.K.N. *see* Volz, K. 31935
Lindow, S.W. *see* Avis, N.J. 18452
Lindquist, C.S., Rivera-Colon, R. Selection of transforms and the use of smoothing in class 2 and 3 adaptive filters 4887
Lindquist, C.S., Tealdi, D.A. Use of adaptive segmentation and classification algorithms in satellite imagery 15510
Lindquist, C.S., Tealdi, D.A. Classification of cloud patterns in weather satellite imagery using adaptive algorithms 50068
Lindquist, C.S. *see* Ekanayake, M.M. 8075

Lindquist, C.S. *see* Woodhall, M.C. 15509
Lindquist, P.G. *see* Hall, R.M. 12791
Lindquist, R., Blanchard, D., Brinsfield, W. Risk based technical specification modifications at Palo Verde nuclear generating station 38583
Lindquist, R. *see* Thuy Tran-Quinn 42444
Lindquist, R. *see* Tsai, W. 2334
Lindquist, R.G. *see* Fleurov, V.B. 24225
Lindquist, R.G. *see* Nordin, G.P. 27788
Lindquist, S.-E. *see* Rensmo, H. 12606
Lindroth, A., Jorendal, G., Kennedy, W.N., Harrison, T.H., Yasuda, E.J., Astrom, B., Sharma, C.M., Hall, A.C., Lair, P., Persson, J.-O., Lintz, N.P., Desilets, G.L., Peixoto, C.A.O., Okuyama, K., Lokhanin, A.K., Stein, W.W., Preininger, G., Bickley, T.A., Tada, K., Bhardway, A. HVDC converter transformer noise considerations 8856
Lindroth, A., Jorendal, G., Kennedy, W.N., Harrison, T.H., Yasuda, E.J., Astrom, B., Sharma, C.M., Hall, A.C., Lair, P., Persson, J.-O., Lintz, N.P., Desilets, G.L., Peixoto, C.A.O., Okuyama, K., Lokhanin, A.K., Stein, W.W., Preininger, G., Bickley, T.A., Tada, K., Bhardway, A. Consideration of impedance and tolerances for HVDC converter transformer 8857
Lindsay, B.G. *see* Pilla, R.S. 10441
Lindsay, C.E. *see* Chapman, N.R. 18863
Lindsay, G. *see* Cassidy, M. 20002
Lindsay, J.F. *see* Campos, A. 29390
Lindsay, J.T. *see* McGregor, D.S. 37273
Lindsay, J.T. *see* McGregor, D.S. 37340
Lindsay, P.A., Esterson, M., Chen, X. The magnetron "threshold voltage" revisited 31706
Lindsay, P.A. *see* Chen, X. 53973
Lindsay, S.M. *see* Poweleit, C.D. 13634
Lindsay, T., Barclay, G.G., Cronin, M.F., Dellaguardia, R., Conley, W., Ito, H., Mori, M., Hagerty, P., Sinta, R., Zydowsky, T., Thackeray, J.W. A new positive DUV photoresist optimized for 0.25 μm isolated lines 42820
Lindsey, A.R. Supersymbol tuning algorithms for wavelet packet modulation 34524
Lindsey, A.R. Improved spread-spectrum communication with a wavelet packet based transceiver 47523
Lindsey, A.R. Wavelet packet modulation for orthogonally multiplexed communication 56258
Lindsey, C.S. *see* Vlachos, S. 48407
Lindskog, E. Combatting co-channel interferers in a TDMA system using interference estimates from adjacent frames 6661
Lindskog, E. Array channel identification using direction of arrival parametrization 47795
Lindstam, M., Boman, M., Larsson, K., Stenberg, G., Carlsson, J.-O. Area selective laser chemical vapor deposition of diamond 10904
Lindstrom, C. *see* Dale, S. 59466
Lindstrom, G. *see* Feick, H. 59261
Lindstrom, H. *see* Rensmo, H. 12606
Lindstrom, J.-I. Alarm systems and video communication: old problems solved by modern technology 18545
Lindstrom, J.L. *see* Son, N.T. 42015
Lindstrom, K. *see* Jansson, T. 49558
Lindvold, L. *see* Petersen, P.M. 14298
Lindvold, L.R. *see* Hanson, S.G. 52893
Lindwall, D.A. *see* Wood, W.T. 18759
Linebarger, D.A. *see* Degroat, R.D. 15328
Linebarger, D.A. *see* Dowling, E.M. 4813
Linehan, J.H. *see* Hettrick, D.A. 28320
Linehan, R.D., Burnham, K.J., James, D.J.G., King, P.J. Power spectral analysis of the longitudinal motion of the Raven 2 remotely piloted vehicle 57778
Lines, J. *see* Amarandos, M. 47485
Linev, A.A. *see* Gvozdev, V.I. 17293
Linev, A.A. *see* Gvozdev, V.N. 48831
Linfei Zeng *see* Tamargo, M.C. 21243
Linfei Zeng *see* Yongming Guo 44453
Linfield, E.H. *see* Field, M. 2734
Linfield, E.H. *see* Iredale, N. 43125
Linfield, E.H. *see* Jones, G.A.C. 10785
Linfield, E.H. *see* Jones, K.A. 12543
Linfield, E.H. *see* Kardynal, B. 42165
Linfield, E.H. *see* Patel, N.K. 42117
Linfield, E.H. *see* Sazio, P.J.A. 22537
Linfield, E.H. *see* Sazio, P.J.A. 32140
Linfield, E.H. *see* Turner, N. 2210
Linfield, R.P. *see* Teitelbaum, L.P. 45134
Linford, M.R. *see* Chidsey, C.E.D. 42524
Ling, A.C.H., Zhu, X., Colbourn, C.J., Mullin, R.C. Pairwise balanced designs with consecutive block sizes 45561
Ling, C.C., Burman, C., Chui, C.S., Kutcher, G.J., Leibel, S.A., LoSasso, T., Mohan, R., Bortfeld, T., Reinstein, L., Spirou, S., Wang, X.H., Qiuwen Wu, Zelefsky, M., Fuks, Z. Conformal radiation treatment of prostate cancer using inversely-planned intensity-modulated photon beams produced with dynamic multileaf collimation 8088
Ling, C.C. *see* Chuang, J.C.-I. 58210
Ling, C.H., Ang, D.S., Ooi, J.A. The effects of polysilicon dopant depletion and Fowler-Nordheim tunnelling on the characteristics of N^+ polysilicon-oxide-silicon capacitors 42282
Ling, C.H., Goh, Y.H., Ooi, J.A. Fowler-Nordheim stress degradation in gate oxide: results from gate-to-drain capacitance and charge pumping current 43048
Ling, C.H. *see* Ang, D.S. 12965
Ling, F. *see* Weiping Li 56952
Ling, K.V., Lim, K.W. State observer design using deterministic least squares technique 45828
Ling, N. *see* Blackie, N.M. 47332
Ling, P.D. *see* Bangham, J.A. 5522
Ling, S., Dasgupta, A. A multi-domain stress analysis method for surface-mount solder joint 30310
Ling, Y. The convex-decomposable operator equation and its monotonic inclusive iteration 559
Ling, Y., Murty, Y., Everige, J. Plastic bending analysis for materials with different yield strengths in tension and compression 10928
Ling, Y. *see* He, B. 59709
Ling, Y.K., Elling, J., Toftegaard, T. Capacity of intelligent underlay and overlay network 35954
Ling Chen *see* Chen Ling
Ling Cong, Sun Songgen A chaotic spreading sequences generator 58124
Ling Du *see* Du Ling
Ling Fan *see* Fan Ling
Ling Guan *see* Perry, S.W. 57127
Ling Guan *see* Songyang Yu 28203
Ling Hao *see* Hao Ling
Ling Hong *see* Xinfan Huang 12501
Ling Jiwu *see* Jiwu Ling
Ling Lee Luan *see* Luan Ling Lee
Ling Liao *see* Agarwal, A.M. 3437
Ling Lin *see* Lin Ling
Ling Liu, Yannan Zhao, Bo Zhang ASIC structure research and design of FP-based neural networks 21856
Ling Liu *see* Liu Ling
Ling Ming Hong *see* Ming Hong Ling
Ling Mingyi, Lin Zunqi A new pulse style CCD data processing technology 36947
Ling Nam *see* Nam Ling
Ling Qian *see* Qian Ling
Ling Qin *see* Zhixin Zhou 50045
Ling Qiu *see* Qiu Ling
Ling Shi *see* Shi Ling
Ling Tiesheng, Feng Hua Circular array interferometer 34438
Ling Wang *see* Wang Ling
Ling Wang Yong *see* Yong Ling Wang
Ling Xia *see* Xia Ling
Ling Xie-Ting *see* Xie-Ting Ling
Ling Xieting Blind separation of wide-band signals for the near-field situations 4749
Ling Yang *see* Yang Ling
Ling Yang Bo *see* Yang Bo Ling
Ling Zhang Qian *see* Zhang Qian Ling
Ling Zhao *see* Fuyong Xu 14686
Ling Zong *see* Zong Ling
Ling-Hwei Chen *see* Chun-Ta Ho 15862
Ling-Hwei Chen *see* Chun-Ta Ho 15863
Ling-Ling Wang *see* Hsin-Chih Lin 15438
Ling-Ling Wang *see* Hsin-Chih Lin 25645
Ling-Sheng Chen Apply personal mobility in PCS environment for universal personal communications 47717
Ling-Yang Kung, Wen-Shyang Hwang A dual transmitter distributed control multichannel MAP (D^2M^2AP) network 26084
Ling-Yang Kung *see* Ching-Wen Yang 28484
Linga, K. *see* McKee, R. 17495
Lingan Wu *see* Wu Lingan
Lingard, S. *see* Dwyer-Joyce, R.S. 982
Lingard, S. *see* Leek, T.H. 987
Lingbing Chen *see* Chen Lingbing
Linge, N., Brown, P. A multimedia architecture facilitating advanced interactive customer services 57988
Linge, N. *see* Blackie, N.M. 57997
Lingen, A.van *see* van Lingen, A.
Lingen Lu *see* Lu Lingen
Lingham, M. *see* Ziegler, E. 37067
Linghua Chen *see* Chen Linghua
Linghui Wu *see* Suning Tanp 55345
Lingjie Guo, Leobandung, E., Chou, S.Y. A room-temperature silicon single-electron metal-oxide-semiconductor memory with nanoscale floating-gate and ultranarrow channel 32472
Lingjie Guo, Leobandung, E., Chou, S.Y. A silicon single-electron transistor memory operating at room temperature 32474
Lingjun Pan *see* Pan Lingjun
Lingling Chen *see* Chen Lingling
Lingrand, D., Vieville, T. Dynamic foveal 3D sensing using affine models 5300
Lings, R.J. *see* Koch, R.G. 19210
Lingsch, S., Gardner, J., Czarnecki, M., Shor, A.N. A comparison of acoustic imagery data from a 12-kHz sidescan sonar and a 12-kHz hull-mounted bathymetric and imaging system 50006
Lingyun Zhou *see* Zhou Lingyun
Lingzhen Jiang *see* Jiang Lingzhen
Linh, N. *see* Fawaz, H. 54822
Linh, N.T. *see* Thiery, J.F. 54352
Linhai He, Madhow, U. Pipelined MMSE equalizers for direct-sequence spread-spectrum CDMA channels 47530
Linhjell, D. *see* Lundgaard, L. 23122
Linholm, L.W. *see* Cresswell, M.W. 32319
Linholm, L.W. *see* Cresswell, M.W. 54746
Linhua Yu *see* Chuangtian Chen 14280
Liniger, E.G. *see* Noyan, I.C. 42796
Liniger, E.G. *see* Wang, P.-C. 42739
Linington, P. *see* Akehurst, D. 35378
Linington, P.F. RM-ODP: The architecture 6152
Linjie, L., Shun-Ji, H. Quick-look algorithm for SAR real-time processing 16947
Linjie, L., Shun-Ji, H. SAR image enhancement algorithm based on region division 36225
Linjun Wang *see* Wang Linjun
Link, A., Gerhardt, J., von Martens, H.-J. Amplitude and phase calibration of accelerometers in the nanometer range 58692
Link, A., Trahms, L., Oeff, M., Steinhoff, U. Heart rate variability determined as heart frequency deviation 28383
Link, G., Heidinger, R. Dielectric property measurements of ZrO_2-strengthened Al_2O_3 43427
Link, H. Information systems in the car 57903
Link, J. *see* Young, P. 37201
Link, L. *see* Backhaus, K. 51708
Link, P.J. *see* Bentley, J.M. 60395
Link, U., Kranz, H.-W., Neis, E. Modular variable speed AC drives system for industrial applications 61140
Linka, A., Picek, J., Volf, P. Bayesian analysis for likelihood-based nonparametric regression 418
Linke, R.A. Local photorefractive materials based on DX centers 13529
Linke, R.A. *see* Chen-Chia Wang 42228
Linke, R.A. *see* Redmond, I. 14431
Linkens, D.A., Abbod, M.F., Backory, J. Fuzzy logic control of depth of anaesthesia using auditory evoked responses 28393
Linker, G. *see* Knierim, A. 32900
Lin'kova, E.R. *see* Aleshkin, V.Ya. 2192
Links, J.M., Zubieta, J.K., Meltzer, C.C., Stumpf, M.J., Frost, J.J. Influence of spatially heterogeneous background activity on "hot object" quantitation in brain emission computed tomography 7887
Linlin Li, Mendis, F.V.C., Haldar, M.K. Optical bistability and optical switching in semiconductor lasers with varying bias current 3808
Linman, D.L. High temperature reflow soldering with lead free solder 41676
Linmao Liu *see* Liu Linmao
Linn, J.H. *see* Arif uz Zaman, M. 844
Linnaluoto, M.K. *see* Tikkanen, P.E. 49602
Linnarsson, M.K. *see* Nordell, N. 54367
Linnartz, J.-P. *see* Tsybakov, B. 26593
Linnartz, J.P.M.G. *see* Wang, R. 6655
Linnecar, T., Shaposhnikova, E.N. Transverse mode coupling instability for leptons in the CERN SPS 49238
Linnecar, T.P.R. *see* Bohl, T. 59175
Linnenbank, A.C., Peeters, H.A.P., Sippens-Groenewegen, A., van Hemel, N.M., Grimbergen, K.A. Body surface mapping guided VT localization: user interface considerations 59724
Linney, E. *see* Smith, B.R. 18313
Linnhoff-Popien, C. *see* Thissen, D. 26206
Linnik, V. *see* Pryadko, L. 14462
Linnman, S. *see* Jelonkiewicz, J. 51809
Linnros, J. *see* Grivickas, V. 12205
Linnros, J. *see* Lalic, N. 3631
Lino, A.T., Takahashi, E.K., Scolfaro, L.M.R., Leite, J.R. Behavior of carriers in δ-doped quantum wells under in-plane magnetic fields 32004
Lino, Y. *see* Levi, E. 19743
Linsay, P.S., Brailove, A.A., Gaudiano, P., Przybyszewski, A., Wilson, C. The dynamics of coupled nonlinear oscillators: from relaxation oscillators to neurons 1178
Linscott, I.R. *see* Maslakovic, S. 34960
Linsen Chen, Zhiwei Lu, Jianhong Wu, Zhuyuan Hu, Yan Shen, Chong Huang Holographic synthesis of computer designed-3D images 44796
Linsen Chen *see* Jianhong Wu 44793
Linsheng Yao *see* Jingfan Zhang 54769
Linskey Merrill, M., Gray, L., McCann, J. The Massachusetts Ocean Technology Network: A strategy for new business development 50154
Lintern, L. *see* Abe, K. 59233
Linthicum, D.S. Driving development [client/server development tools] 47100
Linthicum, D.S. Visual Basic 5.0 47104
Linthicum, D.S. Moving to N-tier RAD 47143
Linton, D. *see* Salamh, D. 11232
Linton, N. *see* O'Brien, T. 49392
Linton, R. *see* O'Brien, T. 49392
Lintz, J. *see* Nichols, D.K. 43107
Lintz, N.P. *see* Lindroth, A. 8856
Lintz, N.P. *see* Lindroth, A. 8857
Lintz Christensen, E., Dall, J., Skou, N., Woelders, K., Granholm, J., Norvang Madsen, S. EMISAR: C- and L-band polarimetric and interferometric SAR 8311
Linzen, S. *see* Belousov, I. 43739
Linzer, E., Tiwari, P., Zubair, M. High performance algorithms for MPEG motion estimation 25371
Linzhang Lu, Sun, W. The minimal eigenvalues of a class of block-tridiagonal matrices 34503
LinZhang Sha *see* ZhiQiang Huang 54903
Linzhen Xie *see* Xie Linzhen
Linzhi Zhao *see* Zhao Linzhi
LinZhuang Sha *see* MingZhou Zhao 54902
Lio, H.P., Young, M.S. New digital phase meter concept and its application 48811
Liodakis, G.S. *see* Sandalidis, H.G. 26599
Lioen, W.M. On the diagonal approximation of full matrices 587
Lionheart, W.R.B. *see* Molebny, V.V. 59612
Lions, P.-L. *see* Chambolle, A. 57166
Lions, P.-L. *see* Crandall, M.G. 10490
Liorzou, F. *see* Berthou-Pichavant, K. 56105

Liotto, G., Wang, C. Vibration measurement by a laser Doppler displacement meter 48938
Liou, C.L., Wang, L.A., Shih, M.C. Characteristics of hydrogenated fiber Bragg gratings 44028
Liou, H.K. *see* Liu, S.T. 22910
Liou, J.-Y. *see* Sen, B.K. 1741
Liou, J.J., Huang, C.I. Effects of self-heating and thermal-coupling on the performance of AlGaAs/GaAs heterojunction bipolar transistors 32384
Liou, J.J., Sheu, S., Huang, C.I. AlGaAs/GaAs HBT current gain instability: Physical mechanism and SPICE simulation 53046
Liou, J.J. *see* Latif, Z. 22862
Liou, J.J. *see* Latif, Z. 32436
Liou, J.J. *see* Ortiz-Conde, A. 32431
Liou, J.J. *see* Waisum Wong 32433
Liou, J.J. *see* Zhou, W. 22763
Liou, J.M. *see* Hung, Y.H. 30229
Liou, K.-Y., Feldman, R.D., Raybon, G., Austin, R.F. A subcarrier multiple-access passive optical network employing amplified light-emitting-diode transmitter to eliminate optical beat interference 16746
Liou, K.-Y., Koren, U., Burrows, E.C., Zyskind, J.L., Dreyer, K. A WDM access system architecture based on spectral slicing of an amplified LED and delay-line multiplexing and encoding of eight wavelength channels for 64 subscribers 47970
Liou, K.-Y., Stark, J.B., Koren, U., Burrows, E.C., Zyskind, J.L., Dreyer, K. System performance of an eight-channel WDM local access network employing a spectrum-sliced and delay-line-multiplexed LED source 58386
Liou, L.L., Jenkins, T., Huang, C.I. Effect of base potential distribution on thermal runaway and the power limitation of the heterojunction bipolar transistor with circular dot geometry 42939
Liou, M.L. *see* He, Z.L. 5170
Liou, M.L. *see* Jianhua Lu 56694
Liou, R. *see* Lai, C.H. 12084
Liou, S.H., Malhotra, S.S., Moreland, J., Hopkins, P.F. High resolution imaging of thin-film recording heads by superparamagnetic magnetic force microscopy tips 23355
Liou, S.H. *see* Li, H.Q. 3281
Liou, S.H. *see* Malhotra, S.S. 13437
Liou, S.H. *see* Sellmyer, D.J. 55031
Liou, S.H. *see* Shan, Z.S. 13450
Liou, S.P., Wenwei Wang Indirect rotor position sensing for switched reluctance motor using search coil 19710
Liou, S.P., Ye, J. Flux distribution and core losses of switched reluctance motors 19709
Liou, T.-R. *see* Kou, C.-T. 32418
Liou Cwo-Hwa *see* Cwo-Hwa Liou
Liou Kan-Lee *see* Kan-Lee Liou
Liou Ming *see* Ming Liou
Liou Sune-Jian *see* Sune-Jian Liou
Liou Wan-Rone *see* Wan-Rone Liou
Liou Yuei-An *see* Yuei-An Liou
Lioubtsev, R.I. *see* Seyve, C. 19501
Lioun Wee Chen *see* Morrow, P. 8719
Lipa, P. *see* Greiner, M. 34767
Lipa, S. *see* Franzon, P.D. 11498
Lipa, S. *see* Franzon, P.D. 41220
Lipatov, A.P., Verevkin, A.A., Vengrus, I.I., Snigirev, O.V. Nature of the microwave response of a YBaCuO Josephson junction on a bicrystalline substrate 13502
Lipatov, B.N. *see* Alekseev, V.A. 17014
Lipczynski, R.T. *see* Mebarki, A. 51028
Lipe, T.E. A reevaluation of the NIST low-frequency standards for AC-DC difference in the voltage range 0.6-100 V 17151
Lipe, T.E. *see* Kinard, J.R. 27360
Lipe, T.E. *see* Kinard, J.R. 27491
Lipeika, A., Lipeikiene, J. Speaker identification methods based on pseudostationary segments of voiced sounds 34655
Lipeikiene, J. *see* Lipeika, A. 34655
Liperovskaya, E.V. *see* Popov, K.V. 45151
Liperovsky, V.A. *see* Popov, K.V. 45151
Lipets, A.U. Prospects for the development of boilers with a high unit capacity 29053
Lipetz, T.J. *see* Mase, K. 5969
Lipfert, F.W., Saroff, L. Methylmercury risk assessment issues 29091
Liping Duo *see* Duo Liping
Liping Gu *see* Bing Zeng 45900
Liping Liu, Krizek, M., Neittaanmaki, P. Higher order finite element approximation of a quasilinear elliptic boundary value problem of a non-monotone type 52582
Liping Wang, Koblinsky, C. Can the Topex/Poseidon altimetry data be used to estimate air-sea heat flux in the North Atlantic? 50141
Liping Zhao *see* Zhao Liping
Liping Zheng *see* Zheng Liping
Lipinska-Kalita, K.E. *see* Mignotte, C. 33085
Lipinski, B., Herzog, H., Rota Kops, E., Oberschelp, W., Muller-Gartner, H.W. Expectation maximization reconstruction of positron emission tomography images using anatomical magnetic resonance information 49500
Lipinski, D. *see* Nossarzewska-Orlowska, E. 1964
Lipinsky, K., Dobberphul, A. Metro train Class H for Berlin 9661
Lipka, R. *see* Grone, R. 7852
Lipka, S.M. Electrochemical capacitors utilizing low surface area carbon fiber 60979
Lipkin, L.A. *see* Slater, D.B., Jr. 2835
Lipkins, J., Bleier, Z. Beryllium retroreflectors expand boresight uses 13777
Lipman, J. Postlayout EDA tools lock onto full-chip verification 22938
Lipman, J. Choosing the right models for your core-based chip designs 41054
Lipo, T.A. *see* Abeyrathne, S.G. 29383
Lipo, T.A. *see* Abeyratne, S.G. 51133
Lipo, T.A. *see* Bernet, S. 38838
Lipo, T.A. *see* Filho, B.J.C. 38831
Lipo, T.A. *see* Gi-Taek Kim 29394
Lipo, T.A. *see* Huang, S. 29250
Lipo, T.A. *see* Jen-Ren Fu 51642
Lipo, T.A. *see* Leonardi, F. 29226
Lipo, T.A. *see* Matsuo, T. 29414
Lipo, T.A. *see* Matsuo, T. 29689
Lipo, T.A. *see* Osama, M. 29715
Lipo, T.A. *see* Shaotang Chen 29673
Lipo, T.A. *see* Shaotang Chen 29694
Lipo, T.A. *see* Sinha, G. 29744
Lipo, T.A. *see* Xiaogang Luo 29249
Lipo Wang Speech word recognition with back-propagation and Fuzzy-ARTMAP neural networks 34702
Lipoff, S.J. *see* Larocque, G.R. 46775
Lipoglavsek, M. *see* Palacz, M. 37539
Lipovskii, A. *see* Vaynberg, B. 4021
Lipovskii, A. *see* Vaynberg, B. 14333
Lipovskii, A.A., Kolobkova, E.V., Petrikov, V.D. PbSe quantum dot doped phosphate glass 22381
Lipovskii, A.A. *see* Kolobkova, E.V. 55832
Lipp, A. GTO–PWM inverter without brake chopper for the Taegu subway cars in South Korea 51766
Lipp, S., Frey, L., Lehrer, C., Frank, B., Demm, E., Pauther, S., Ryssel, H. Tetramethoxysilane as a precursor for focused ion beam and electron beam assisted insulator (SiO_x) deposition 21350
Lipp, S., Frey, L., Lehrer, C., Frank, B., Demm, E., Ryssel, H. Investigations on the topology of structures milled and etched by focused ion beams 22583
Lipp, S. *see* Morimoto, W. 31696
Lippe, H.von der *see* von der Lippe, H.
Lippel, A. *see* Swart, W. 20603
Lippens, P., De Loore, B., de Haan, G., Eeckhout, P., Huijgen, H., Loning, A., McSweeney, B., Verstraeien, M., Pahn, B., Kettenis, J. A video signal processor for motion-compensated field-rate upconversion in consumer television 5022
Lippert, G. *see* Kim, M. 30788
Lippert, G. *see* Myeongcheol Kim 749
Lippert, J.R., Timms, V.G. Capability and integration test of the KHILS vacuum cryogenic chamber (KVACC) 28511
Lipperts, J. *see* Shang, W. 29482
Lipphardt, B. *see* Riehle, F. 7139
Lipphardt, B. *see* Schnatz, H. 27227
Lipphardt, B. *see* Schnatz, H. 27824
Lipphardt, B. *see* Tyurikov, D. 24050
Lipphardt, B. *see* Tyurikov, D.A. 27819
Lipphardt, G. Design, control and behaviour of a forced commutated current source inverter used in a HVDC transmission system 50520
Lippitsch, M.E. *see* Kieslinger, D. 58861
Lippitsch, M.E. *see* Weigl, B.H. 36748
Lippke, J. Knowledge tools supporting the concept of industrial ecology 30405
Lippman, A., Kermode, R. Media banks: entertainment and the Internet 16385
Lippman, A.B. *see* Iyengar, G. 57340
Lippmann, R.P. *see* Chang, E.I. 15050
Lippmann, T.C. *see* Holland, K.T. 50083
Lippold, G. *see* Kirpal, G. 40342
Lippold, H. *see* Eick, W. 28034
Lippold, H. *see* Eick, W. 59238
Lips, P. *see* Geraets, W.G.M. 49566
Lipsanen, H. *see* Grosse, S. 42212
Lipsanen, H. *see* Koljonen, T. 30812
Lipsanen, H. *see* Sopanen, M. 12216
Lipsanen, H. *see* Sopanen, M. 21226
Lipscomb, F. *see* Horsthuis, W. 26453
Lipscomb, G.F. *see* Ticknor, T. 26894
Lipscy, G.E., Venable, J.M. The reengineering of issues management [nuclear plants] 38495
Lipski, K. *see* Barker, R. 7511
Lipski, T. *see* Zyborski, J. 60872
Lipskii, V., Privalov, V.E., Strokov, A.Yu. Helium-neon laser with dynamic switching of the 0.63- and 3.39-μm wavelengths 3692
Liptak, R., Gembicki, J. Emerging technology demands for the contract manufacturer: "Time to technology" 20761
Lipton, R. *see* Hammer, V.B. 40678
Lipton, R.J. *see* Boneh, D. 12002
Liptrot, E., Taylor, P., Kane, N. A design for a portable monitor to measure the HF content of SF_6 36966
Liqi Guo *see* Guo Liqi
Liqiang Chen *see* Walter-Shea, E.A. 18767
Liqiang Li *see* Huajun Tang 32981
Liqin Dong *see* Al-Khalili, D. 11318
Liqing Wan, Longhe Sun Automatic target recognition using higher order neural network 4980
Liqing Xu *see* Xu Liqing
Liqing Zhang *see* Zhang Liqing
Liqiu Men *see* Men Liqiu
Liquan Chen *see* Biying Huang 9520
Liquan Chen *see* Biying Huang 9526
Liquan Chen *see* Chen Liquan
Liquan He *see* He Liquan
Liqun Qi *see* Fukushima, M. 10418
Lir-Fang Sun *see* Jyhi-Kong Wey 46693
Lir-Fang Sun *see* Mu-Piao Shih 58208
Lira, I.H., Woger, W. The evaluation of standard uncertainty in the presence of limited resolution of indicating devices 58598
Lira-Chavez, J. *see* Escalante-Ramirez, B. 6919
Liren Liu Fuzzy inferring mathematical morphology and optical implementation 5514
Liren Liu, Guoqiang Li, Lan Shao, Yaozu Yin Optical three-dimensional stacked morphological processor module with variable thresholding 23612
Liren Liu *see* Feng Wang 4121
Liren Liu *see* Feng Wang 24102
Liren Liu *see* Feng Wang 24194
Liren Liu *see* Guoqiang Li 44130
Liren Liu *see* Huiquan Cheng 13756
Liren Liu *see* Jianwen Hua 56677
Liren Liu *see* Lan Shao 58401
Liren Liu *see* Ning Wang 15755
Liren Liu *see* Yaozu Yin 13768
Liren Zhang *see* Chih Hong Eyoh 6757
Lirong Niu *see* Niu Lirong
Lirong Zheng *see* W-Ping Xu 52757
Lirong Zheng *see* Zheng Lirong
Lis, D.C. *see* Ning Wang 17015
Lis, S.A. An air turbulence compensated interferometer: IC manufacturers' metrology needs translated into system component requirements 32269
Lisa, M.A. *see* Betts, W. 59222
Lisak, M. *see* Berntson, A. 26804
Lisak, M. *see* Madsen, K. 1754
Lisak, M. *see* Malomed, B.A. 14276
Lisauskas, V., Butkute, R., Dapkus, L., Jukna, A., Vengalis, B. Preparation of epitaxial indium-tin oxide films on ZrO_2 substrates by magnetron sputtering 40371
Lisboa, P.J.G. Invariant eye location in head-and-shoulders images 57534
Lisboa, P.J.G. *see* Meng, H. 2364
Lischka, K. *see* As, D.J. 12223
Lischka, K. *see* As, D.J. 41920
Lischka, K. *see* Buda, B. 12254
Lischka, K. *see* Schikora, D. 782
Lischka, K. *see* Teles, L.K. 2014
Lischka, K. *see* Zvara, M. 12589
Lisec, T., Kreutzer, M., Wagner, B. A bistable pneumatic microswitch for driving fluidic components 19929
Lisec, T. *see* Schnakenberg, U. 27698
Lisen Chen *see* Chen Lisen
Lisen Cheng, Guoyi Zhang, Dapeng Yu, Ze Zhang Alternative microstructure of GaN nucleation layers grown by low pressure metal-organic vapor phase epitaxy on sapphire substrate 40385
Lisenker, B., Nevo, Y. CMOS VLSI reliability test model 2822
Lisenko, A.N. *see* Belousov, Ye.V. 53992
Lisenko, A.N. *see* Vorobjov, G.S. 53561
Lisfi, A., Guyot, M., Krishnan, R., Porte, M., Rougier, P., Cagan, V. Microstructure and magnetic properties of spinel and hexagonal ferrimagnetic films prepared by pulsed laser deposition 3166
Lisheng Zhong *see* Zhong Lisheng
Lishing Wang *see* Wang Lishing
Lisi, N., Di Lazzaro, P., Flora, F. Time-resolved divergence measurement of an excimer laser beam by the knife-edge technique 44340
Lisi, N. *see* Turcu, I.C.E. 42883
Lisik, Z., Kopec, M., Podgorski, J., Barczewski, R. 3-D simulation of heat transfer in power semiconductor devices 40911
Lisik, Z., Mitura, S., Szmidt, J. Application of diamond-like layers as passivation and isolation layers in power semiconductor devices 40910
Lisin, V.I. *see* Prisyazhnyi, V.D. 9487
Lisin, V.N. *see* Shegeda, A.M. 14402
Lisio, C.de *see* de Lisio, C.
Lisio, M.P.De *see* De Lisio, M.P.
Lisitskii, A.P. New straightforward method of estimation of phase, amplitude and frequency for high resolution spectral analysis 25187
Liska, D.J. *see* Lee, S.K. 7713
Lisker, L., Tucker, G. Focus on the fundamentals of shielded MV power cable 50575
Lisonek, P. *see* Van Eupen, M. 45555
Lisovskii, G.A. *see* Kuchinskii, P.V. 12982
Lisovskii, I.P., Revesz, A.G., Hughes, H.L. Infrared absorption study of buried oxide of single- and triple-implanted SIMOX structures 42301
Lisovskii, V.A., Kropotov, N.Yu., Farenik, V.I. Influence of secondary electron emission on the rf breakdown of a gas at low pressure 23155
Lisovskii, Yu.L. *see* Arbuzov, Yu.D. 29643
Lisowiec, A., Czarnecki, A., Masiukiewicz, A., Gniewinska, B. Advanced GPS controlled frequency and time standard 17167
Lisowiec, A., Czarnecki, A., Rau, Z. A method for quartz oscillator synchronization by GPS signal 27338
Lisowski, J.J., Mele, D.J. MCM burn-in cost model 41713
Lisowski, M. *see* Savage, J.C. 18804

Lisowski, T. Long-time classical dynamics of the periodically driven system with a Kerr nonlinearity 44632
Lisowski, W., Bojko, T., Uhl, T. Experimental investigation of robot manipulators accuracy 7588
Lissauer, D. *see* Palmer, R.B. 17966
Lisse, C.M. *see* Egarievwe, S.U. 59354
Lisse, C.M. *see* Stahle, C.M. 37354
Lissenden, C.J. *see* Jian, X.H. 52874
List, R.S. *see* Chen, M.C. 3593
List, S., Ryssel, H. Atomistic analysis of the vacancy diffusion mechanism 12647
List, S. *see* Vasanth, K. 43029
Lista, L. *see* Adam, A. 37280
Lista, L. *see* Aloisio, A. 37491
Lista, L. *see* Paolucci, P. 37242
Listanti, M. *see* Andreoli, C. 47159
Listanti, M. *see* Baiocchi, A. 6683
Listanti, M. *see* Baiocchi, A. 47235
Listanti, M. *see* Blefari-Melazzi, N. 47131
Listanti, M. *see* Blefari-Melazzi, N. 47299
Lister, G.G. Modeling of metal halide lamps 1900
Lister, P. *see* Waller, M. 11479
Lister, P.F. *see* McNeill, M.D.J. 40779
Lister, T.E., Stickney, J.L. Formation of the first monolayer of CdSe on Au(111) by electrochemical ALE 10760
Listl, L. *see* Matsuyama, Y. 25469
Listopad, N. *see* Ivanov, A. 16247
Listvin, A.V., Listvin, V.N. Statistical characteristics of monochromatic radiation in irregular anisotropic monomode fibers 3372
Listvin, V.N. *see* Listvin, A.V. 3372
Lisunov, K.G., Arushanov, E.K., Kloc, C., Broto, J., Leotin, J., Rokoto, H., Respaud, M., Bucher, E. Conductivity and magnetoresistance of FeSi in the Anderson-localized regime 31896
Lisunov, K.G. *see* Laiho, R. 22228
Lit, L., Pollard, A.E. A study of propagation patterns in ischemic myocardium using computer simulations 59577
Lit, W.Y. *see* Jianluo Zhang 14004
Litch, S. *see* Kennedy, A.R. 41232
Litchakov, V. *see* Glasman, C. 15606
Litchfield, M. *see* Kremens, R.L. 36384
Litchfield, P.J. *see* Allison, W.W.M. 37269
Lite, K., Thuemler, R.L., Plant, T.K., Wager, J.F., Morton, D.C., Sun, S.S., Mauch, R.H. Vacuum ultraviolet reflectivity measurements of thin-film electroluminescent phosphors 13811
Litfin, D.D. *see* Hagedorn, M.S. 22840
Lithgow, B.J., Clark, G.M. A high pulse rate electric stimulation model: an inferior colliculus unit study 59809
Litian Liu *see* Qingxin Zhang 32201
Litian Liu *see* Liu Litian
LiTing Han *see* Han LiTing
Litke, A.M. An advanced pixel detector 59249
Litkens, I.V. *see* Gerikh, V.P. 8736
Litkowiec, A. *see* Kaniewska, M. 3816
Litkowiec, A. *see* Kaniewska, M. 14118
Litkowiec, A. *see* Mroziewicz, B. 3813
Litovchenko, P.G. *see* Khivrich, V.I. 28020
Litovchenko, V., Romanyuk, B., Efremov, A., Klyui, M., Mel'nik, V.P. Low-dose SIMOX approach and stimulating factors 42299
Litovchenko, V.G., Evtukh, A.A., Marchenko, R.I., Klyui, N.I., Semenovich, V.A. Enhancement of field emission from cathodes with superthin diamond-like carbon films 41753
Litovchenko, V.G., Kryuchenko, Y.V. The dynamic characteristics of the field emission from the structures with quantum wells 53926
Litovchenko, V.G. *see* Evtukh, A.A. 2277
Litovchenko, V.G. *see* Evtukh, A.A. 53923
Litovchenko, V.G. *see* Evtukh, A.A. 53941
Litovchenko, V.G. *see* Gorban, A.P. 42330
Litovchenko, V.V. *see* Inkov, Yu.M. 51792
Litovko, I. *see* Goncharov, A. 24370
Litovski, V.B. *see* Petkovic, P.M. 11265
Litovsky, I. *see* Julia, S. 4530
Litsyn, S. *see* Cohen, G.D. 24713
Litsyn, S. *see* Krasikov, I. 56323
Litsyn, S.N. *see* Cohen, G.D. 56293
Littau, K.A., Mosely, R., Zhou, S., Hong Zhang, Guo, T. CVD Al for advanced interconnect applications 40648
Littel, B., Hoge, H. Robust single word recognition for telephone applications 34670
Littenberg, L. *see* Fernow, R.C. 17931
Little, B.E., Chi Wu Window functions for ideal response in distributed feedback reflection filters 23635
Little, C., Green, C. GPS disciplined rubidium oscillator 27340
Little, C.E. *see* Astadjov, D.N. 23748
Little, C.E. *see* Astadjov, D.N. 55503
Little, C.E. *see* Brown, D.J.W. 55495
Little, C.E. *see* Isaev, A.A. 3992
Little, F.E. *see* McSpadden, J.O. 18674
Little, G. *see* Taylor, G.G. 17097
Little, J.A. *see* Studholme, C. 18401
Little, J.W. *see* Beck, W.A. 48660
Little, L. *see* Astadjov, D.N. 23748
Little, L.M. *see* Dragic, P.D. 18943
Little, S.A., Smith, D.K. Fault scarp identification in side-scan sonar and bathymetry images from the Mid-Atlantic Ridge using wavelet-based digital filters 18905
Little, T.D.C. *see* Krishnamurthy, A. 16172
Littlefair, P.J. *see* Perry, M.J. 58916
Littlejohn, M.A. *see* Hulfachor, R.B. 54653
Littlejohn, M.A. *see* Lee, B.C. 41910
Littlejohn, M.A. *see* Mansour, N. 31850
Littlejohn, M.A. *see* Williams, S.C. 2687
Littler, C.L. *see* Baars, J. 1996
Littler, T.B., Merrow, D.J. Signal enhancement and de-noising of power system disturbances using the wavelet method 19087
Littlewood, M. *see* Johnson, P.P. 6199
Littlewood, P.B., Zhu Xuejun Possibilities for exciton condensation in semiconductor quantum-well structures 42159
Littmann, E., Ritter, H. Adaptive color segmentation–a comparison of neural and statistical methods 25300
Litton, C.W. *see* Lareau, R.T. 12333
Litton, C.W. *see* Morkoc, H. 12362
Litva, J., Gheforian, A., Kezys, V. High-resolution measurements of AOA and time-delay for characterizing indoor propagation environments 34083
Litva, J. *see* Carrier, J.-Y. 45715
Litva, J. *see* Chen Wu 31487
Litva, J. *see* Chen Wu 45392
Litva, J. *see* Haiyin Wang 45327
Litva, J. *see* Lo, T. 15404
Litva, J. *see* Lo, T. 34367
Litva, J. *see* Wutu Wang 34464
Litva, J. *see* Yang, J. 34450
Litva, J. *see* Zhaonian Li 34335
Litvak-Gorskaya, L.B. *see* Al'perovich, L.S. 54035
Litvich, V.V. *see* Tuz, Ju.M. 27812
Litvih, V.V. *see* Tuz, Ju.M. 27811
Litvin, A.I. Methods and algorithms for image restoration with regard to different kinds of spread functions 15452
Litvin, F.L. *see* Seol, I.H. 20113
Litvin, K.I. *see* Jinwook Burm 16694
Litvin, V.I., Mamedova, L.F. Optimal emergency protection of electric motors 20281
Litvinenk, A.M. Double-range orbital electrical drive 51722
Litvinenko, D., Litvinenko, L., Prosvirnin, S., Reznik, I. Wave diffraction by semi-infinite system of partially transmitted layers 45021
Litvinenko, L. *see* Litvinenko, D. 45021
Litvinenko, V.N. *see* Burnham, B. 18002
Litvinov, A.L. *see* Bazutkin, V.V. 28744
Litvinov, E.A. *see* Barengolts, S.A. 22160
Litvinov, E.A. *see* Barengolts, S.A. 23224
Litvinov, E.A. *see* Shmelev, D.L. 23218
Litvinov, P.A., Savchenko, I.S. A new plasma H^- ion source 37183
Litvinov, R. *see* Shcherbin, K. 3306
Litvinova, N.N. *see* Barkova, L.V. 10051
Litvinsev, D. *see* Akchurin, N. 37257
Litwak, R. *see* Carpentier, T. 52312
Litwin-Staszewska, E. *see* Dmowski, L.H. 22348
Litwin-Staszewska, E. *see* Piotrzkowski, R. 22234
Litwin-Staszewska, E. *see* Skierbiszewski, C. 12252
Litz, M.S., Judy, D., Huttlin, G., Lazard, C. Gases evolved from the common cold cathode 53975
Litz, T. *see* Schikora, D. 782
Litz, T. *see* Waag, A. 22312
Litz, T. *see* Waag, A. 23959
Litzbarski, E., Muszalski, Z., Veselkaf, Z. Influence of brush-holders on parameters of a sliding contact 38702
Litzelmann, A. *see* Doyle, D. 6814
Litzinger, A. *see* Rumpel, D. 19218
Litzza, J.L. *see* O'Donnell, M. 18366
Liu, A., Liu, A., Shao, B., Wang, J., Fu, J., Luan, H., Tsien Peihsin Microstructure observation of p-MOSFET device 32405
Liu, A. *see* Liu, A. 32405
Liu, A.C., Digonnet, M.J.F., Kino, G.S. A DC Kerr measurement in a silica channel waveguide 23528
Liu, A.K., Peng, C.Y., Chang, S.Y.-S. Wavelet analysis of satellite images for coastal watch 50081
Liu, A.Y., Bashaw, M.C., Hesselink, L., Lee, M., Feigelson, R.S. Observation and thermal fixing of holographic gratings in lead barium niobate crystal 33741
Liu, A.Y., Paraschis, L., Bashaw, M.C., Hesselink, L. Prolonged readout using two-defect species in SBN 13555
Liu, B., Wang, P. Recognition of 3D objects from 2D images–some issues 15889
Liu, B., Wang, P. 3D articulated object recognition. A case study 35001
Liu, B. *see* Eichler, H.J. 3938
Liu, B. *see* Gen, M. 480
Liu, B. *see* Lee, S.-Y. 42877
Liu, B. *see* Li, G. 13770
Liu, B. *see* Wenjun Zeng 25389
Liu, B. *see* Zeng, W. 46210
Liu, B.-D. *see* Wei, K.-C. 41024
Liu, B.H., Jung, J.H., Lee, H.H., Lee, K.Y., Lee, J.Y. Improved electrochemical performance of AB_2-type metal hydride electrodes activated by the hot-charging process 51621
Liu, B.Y. *see* Lai, P.T. 42997
Liu, B.Y.H. *see* Huff, H.R. 48883
Liu, C. *see* Antonsen, T.M., Jr. 12101
Liu, C. *see* LeBlanc, W. 16610
Liu, C. *see* Nguyen, K. 1938
Liu, C. *see* Xie, Y. 6283
Liu, C.-C., Wu, Q., Stuczynski, M.A. Application of silicon-based microfabrication and micromachining techniques to the development of chemical sensors 27514
Liu, C.-C. *see* Young, C.-M. 9599
Liu, C.-H. *see* Sha, W.L. 23766
Liu, C.-H. *see* Young, C.-M. 9599
Liu, C.-S. *see* Chern, T.-L. 9600
Liu, C.C., Chang, L.B., Cheng, Y.C. Doping properties of Pr_2O_3 associate InGaAs liquid phase epitaxial growths 42419
Liu, C.C., Mastrangelo, C.H. An ultrasensitive uncooled heat-balancing infrared detector 48551
Liu, C.C. *see* Chang Liannbe 21233
Liu, C.H., He Yuanjin, Li Wenzhi, Li Hengde Blister formation in silicon films during ion beam assisted deposition 40581
Liu, C.L. *see* Boppana, V. 11281
Liu, C.L. *see* Chow, S.-H. 31217
Liu, C.L. *see* Chung, K.-S. 11360
Liu, C.L. *see* Yachyang Sun 41057
Liu, C.P., Seeds, A.J., Wake, D. Two-terminal edge-coupled InP/InGaAs heterojunction phototransistor optoelectronic mixer 33274
Liu, C.S., Chen, L.J. Epitaxial growth of metastable face-centered cubic Co on (111)Si with a thin intermediate Cu layer 21288
Liu, C.T., Lloyd, E.J., Yi Ma, Du, M., Opila, R.L., Hillenius, S.F. High performance 0.2 μm CMOS with 25 Å gate oxide grown on nitrogen implanted Si substrates 43291
Liu, C.T., Ma, Y., Becerro, J., Nakahara, S., Eaglesham, D.J., Hillenius, S.J. Light nitrogen implant for preparing thin-gate oxides 32155
Liu, C.T., Ma, Y., Cheung, K.P., Chang, C.P., Fritzinger, L., Becerro, J., Luftman, H., Vaidya, H.M., Colonell, J.I., Kamgar, A., Minor, J.F., Murray, R.G., Lai, W.Y.C., Pai, C.S., Hillenius, S.J. 25 Å gate oxide without boron penetration for 0.25 and 0.3-μm PMOSFETs 2641
Liu, C.T., Ma, Y., Luftman, H., Hillenius, S.J. Preventing boron penetration through 25-Å gate oxides with nitrogen implant in the Si substrates 54658
Liu, C.W., Venkataraman, V. Electron cyclotron resonance in strained Si and $Si_{0.94}Ge_{0.06}$ channels on relaxed $Si_{0.62}Ge_{0.38}$ buffers grown by rapid thermal chemical vapor deposition 22298
Liu, C.W. *see* Madhavi, S. 2723
Liu, C.Y., Kim, H.K., Tu, K.N., Totta, P.A. Dewetting of molten Sn on Au/Cu/Cr thin-film metallization 22608
Liu, D. *see* Hartzell, A. 42491
Liu, D. *see* Kanizar, W.L. 20277
Liu, D. *see* Wu, N.J. 17373
Liu, D.D. *see* Ding-Yu Fei 49559
Liu, D.W., Carr, P.H., Bliss, D.F. Impulse photoconducting antennas activated by picosecond laser pulses 45458
Liu, D.Y. *see* Yang, K.H. 19532
Liu, E.C.K. *see* Ali-Ahmad, W.Y. 17215
Liu, E.K. *see* Zhao, C.Z. 3438
Liu, E.K. *see* Zhao, C.Z. 44016
Liu, F., Cai, X., Shi, B., Wang, Y. Multisensor data fusion based on genetic algorithm 15784
Liu, F. *see* Li, S. 31534
Liu, G., Huang, S., Torre, A., Rubertone, F. Unsupervised multiresolution segmentation and interpretation of textured SAR image 58440
Liu, G., Maguire, G., Jr. A class of mobile motion prediction algorithms for wireless mobile computing and communications 6637
Liu, G. *see* Dao, G. 22647
Liu, G.-S. *see* Lee, P. 25010
Liu, G.H.C., Shimpuku, Y., Kondo, S. Frequency response measurement in magnetic recording systems employing characteristic M-sequences 3221
Liu, G.R. *see* Nie, J.C. 13484
Liu, H., Gregory, E., Faase, K.J., Warnes, W.H. 18 wt%Ta and Nb-41 wt%Ti-28 wt%Ta ternary alloys 55095
Liu, H., Neuffer, D. Space charge effects in the injector and driver accelerator for a UV FEL at CEBAF 18050
Liu, H., Nodine, C.F. Generalized image contrast enhancement technique based on the Heinemann contrast discrimination model 5250
Liu, H., Tan, Z., Zhang, W. Texture synthesis using stochastic modeling 46037
Liu, H. *see* Chen, C.H. 21259
Liu, H. *see* Edwards, N.V. 41982
Liu, H. *see* Gotz, W. 12290
Liu, H. *see* Jeon, E.S. 12503
Liu, H. *see* Jiao, L. 39134
Liu, H. *see* McLaren, P.G. 19389
Liu, H. *see* Reagan, J.A. 8434
Liu, H. *see* Semendy, F. 10806
Liu, H.-Y. *see* Celii, F.G. 12348
Liu, H.-Y. *see* Lee, Y.-H. 39154
Liu, H.B., Greenbeerg, D.D., Capala, J., Wheeler, F.J. An improved neutron collimator for brain tumor irradiations in clinical boron neutron capture therapy 8133
Liu, H.C., Allard, L.B., Buchanan, M., Wasilewski, Z.R. Pixelless infrared imaging device 48656
Liu, H.C., Li, J., Wasilewski, Z.R., Buchanan, M. Integrated quantum well intersubband photodetector and light emitting diode for thermal imaging applications 48664

Liu, H.C., Wilson, P.H., Buchanan, M., Khanna, S.M. Nuclear radiation effects on GaAs-AlGaAs quantum well infrared photodetectors 17370
Liu, H.C. *see* Ershov, M. 48538
Liu, H.C. *see* Ershov, M. 48554
Liu, H.C. *see* Khanna, S.M. 27587
Liu, H.C. *see* Perera, A.G.U. 48530
Liu, H.C. *see* Sengupta, D.K. 7342
Liu, H.C. *see* Sengupta, D.K. 27577
Liu, H.C. *see* Sengupta, D.K. 48666
Liu, H.C. *see* Sengupta, D.K. 54326
Liu, H.C. *see* Yang, R.Q. 44293
Liu, H.C. *see* Yuan, H.X. 48509
Liu, H.C. *see* Li, S.S. *(editor)* 30025
Liu, H.C.L., Murarka, S.P. Modeling of temperature increase due to Joule heating during electromigration measurements 42745
Liu, H.F. *see* Hoshida, T. 14148
Liu, H.F. *see* Hoshida, T. 44586
Liu, H.F. *see* Nirmalathas, A. 44506
Liu, H.F. *see* Nirmalathas, A. 44583
Liu, H.F. *see* Uchiyama, Y. 3867
Liu, H.K., Bhasale, R., Dou, S.X. Investigation of different angle joining of superconducting tapes 55083
Liu, H.K. *see* Chen, J. 61034
Liu, H.K. *see* Cui, N. 61035
Liu, H.K. *see* Dou, S.X. 43771
Liu, H.K. *see* Horvat, J. 23394
Liu, H.K. *see* Jin, J.X. 43849
Liu, H.K. *see* Jin, J.X. 48452
Liu, H.K. *see* Jin, J.X. 50640
Liu, H.K. *see* Jin, J.X. 50927
Liu, H.K. *see* Kusevic, I. 43768
Liu, H.K. *see* Vo, N.V. 13482
Liu, H.K. *see* Vo, N.V. 43839
Liu, H.K. *see* Wen, Z. 44133
Liu, H.K. *see* Zadro, K. 23396
Liu, H.K. *see* Zhong, S. 61029
Liu, H.M. *see* Huang, Y.Z. 17882
Liu, H.P. *see* Yen, W.C. 55553
Liu, H.S. *see* Chen, J.F. 12888
Liu, H.Y. *see* Bevan, M.J. 40465
Liu, J., Davidson, T.N. Vector quantization of subband images using entropy-weighted mean square error 35253
Liu, J., Gustafsson, K., Lai, Z., Li, C. Surface characteristics, reliability, and failure mechanisms of tin/lead, copper, and gold metallizations 42634
Liu, J., Krishnamoorthy, V., Gossman, H.-J., Rubin, L., Law, M.E., Jones, K.S. The effect of boron implant energy on transient enhanced diffusion in silicon 32134
Liu, J., Ljungkrona, L. Reliability of thermo-setting anisotropically conductive adhesives in chip on glass application 53827
Liu, J., Shi, B., Wu, L., Kong, M. Study on optical waveguide geodesic lenses without singularity in curvature 33190
Liu, J., Zhirnov, V.V., Choi, B.W., Wojak, G.J., Myers, A.F., Cuomo, J.J., Hren, J.J. Electron emission from a hydrogenated diamond surface 22144
Liu, J., Zhou, R. Performance variations in load-frequency control for power systems 8792
Liu, J. *see* Furber, S.B. 53329
Liu, J. *see* Jones, K.S. 41893
Liu, J. *see* Luo, F. 30983
Liu, J. *see* Olson, K. 32226
Liu, J. *see* Tailan Chi 20805
Liu, J. *see* Xia, S. 36529
Liu, J.-C. *see* Chiang, H.-C. 21803
Liu, J.-L. *see* Liao, F.-J. *(editor)* 52000
Liu, J.B. *see* Lu, X. 22529
Liu, J.B. *see* Min, J. 2325
Liu, J.C., Yuang, M.C., Chwan-Hwa Wu A MAC protocol for real-time manufacturing traffic in client-server-based high speed broadcast networks 47044
Liu, J.C. *see* Rokni, S.H. 8216
Liu, J.F., Davies, H.A. Magnetic properties of cobalt substituted $Nd_2Fe_{14}B/\alpha$-Fe nanocomposite magnets processed by overquenching and annealing 3106
Liu, J.G., Bhatti, P.K., Webster, M.E., Bibby, R.W. A failure mechanism of copper alloy leadframe in automotive electronic packaging 61295
Liu, J.K. *see* Gunapala, S.D. 17494
Liu, J.K. *see* Gunapala, S.D. 17541
Liu, J.K. *see* Gunapala, S.D. 17542
Liu, J.K. *see* Gunapala, S.D. 36569
Liu, J.K. *see* Gunapala, S.D. 48665
Liu, J.L., Shi, Y., Wang, F., Lu, Y., Zhang, R., Gu, S.L., Han, P., Hu, L.Q., Zheng, Y.D. Realization of silicon quantum wires by selective chemical etching and thermal oxidation 12418
Liu, J.M. *see* Guo, X.L. 10882
Liu, J.M. *see* Simpson, T.B. 55674
Liu, J.N.K. *see* Fung, G.S.K. 25783
Liu, J.P. *see* Solzi, M. 3130
Liu, J.Q. *see* Han, B. 21176
Liu, J.W.S. *see* Philp, I.R. 57566
Liu, J.W.S. *see* Philp, I.R. 57592
Liu, J.Y., Song, Y.H. Harmonic analysis of the unified power flow controller 19235
Liu, J.Y. *see* Chen, J.S. 60043
Liu, J.Y. *see* Chu, C.M. 37038
Liu, J.Z. *see* Fuller-Mora, W.W. 32899
Liu, K., Brorson, S.D., Chaoyu Yue Silica external cavity array transmitters with high wavelength accuracy 26937
Liu, K., Chazan, D., Reinschmidt, R., Westbrook, S., Ho, C., Skinner, M.P., Castillo, D., Cummings, S., Garrou, P.E., Rogers, W.B. Twinstar-dual Pentium(R) processor module 12050
Liu, K. *see* Skinner, M.I. 53846
Liu, K. *see* Skinner, M.P. 302
Liu, K. *see* Thomas, G. 26997
Liu, K. *see* Tong, F. 16740
Liu, K.-F. *see* Jou, S.-J. 40819
Liu, K.-Z. *see* Villas-Boas, S.B. 38273
Liu, K.J.R. *see* An-Yeu Wu 1499
Liu, K.J.R. *see* Li, Y. 34898
Liu, K.J.R. *see* Rashid-Farrokhi, F. 59520
Liu, K.J.R. *see* Razavilar, J. 25108
Liu, K.J.R. *see* Ut-Va Koc 25370
Liu, K.J.R. *see* Wang, H. 6460
Liu, K.J.R. *see* Wang, H. 26550
Liu, K.J.R. *see* Ye Li 5669
Liu, K.J.R. *see* Ye Li 5670
Liu, K.J.R. *see* Ye Li 26501
Liu, K.J.R. *see* Ye Li 34793
Liu, K.J.Ray *see* Ray Liu, K.J.
Liu, L., Lu, D., Foo, P., Tan, W., Kowk, K., Zou, G., Tse, M. Intermetallic compound formation in hot aluminum metallization and its effect on etching and electromigration 54510
Liu, L. *see* Daberkow, I. 36670
Liu, L. *see* Lee, F. 52293
Liu, L. *see* Li, G. 13770
Liu, L. *see* Oda, I. 55909
Liu, L. *see* Roche, T. 42563
Liu, L. *see* Tiemessen, M. 32251
Liu, L.-K. *see* Feig, E. 15780
Liu, L.H. *see* Bauguess, S. 42759
Liu, L.M. *see* Wang, C.-K. 42679
Liu, L.Q., Munro, A.T., Barton, M.H. Efficient mobility management: a flexible design algorithm 47776
Liu, L.Q., Munro, A.T., Barton, M.H., McGeehan, J.P. Performance methods for mobility management in cellular networks 47774
Liu, L.R. *see* Huang, S.L. 23835
Liu, L.X. *see* Sim, T.Y. 27238
Liu, L.Y. *see* Kubota, S. 2475
Liu, M. *see* Abe, K. 59233
Liu, M. *see* McDaniel, K. 16403
Liu, M.G. *see* Yuan, D.R. 10632
Liu, M.H. *see* Lee, S. 59348
Liu, M.M.K. *see* Gongsan Yu 57103
Liu, M.M.K. *see* Teck-Hon Hu 58003
Liu, M.N. MPEG decoder architecture for embedded applications 15951
Liu, M.S. *see* Sinha, S.P. 42994
Liu, M.T. *see* Elsaadany, A. 47197
Liu, M.T. *see* Jeng, H.-W.J. 46704
Liu, M.T. *see* Yibin Yang 57913
Liu, M.W. *see* Qiu, Z.Y. 984
Liu, M.Y. *see* Chou, S.Y. 44513
Liu, N. *see* Sun, X. 48592
Liu, P. *see* Hsiao, T.C. 22972
Liu, P. *see* Prussin, S. 54338
Liu, P. *see* Shun-Pen Cheng 41648
Liu, P. *see* Zhang, R. 56154
Liu, P.-C., Shen, W.-Z., Chang, W.-T. Wiener filter for zoom parameter estimation in three-parameter motion model 56868
Liu, P.-L. *see* Choa, F.S. 13867
Liu, P.C. *see* Wang, H. 41130
Liu, P.H. *see* Chen, Y.C. 53672
Liu, P.H. *see* Gaier, T. 41485
Liu, P.H. *see* Lai, R. 36117
Liu, P.K.C. *see* Cheung, R.W.L. 16070
Liu, Q. *see* Koutzarov, I.P. 22585
Liu, Q.G., Champagne, B., Ho, K.C. On the use of a modified fast affine projection algorithm in subbands for acoustic echo cancelation 45906
Liu, Q.H. An FDTD algorithm with perfectly matched layers for conductive media 33955
Liu, Q.H. *see* Chew, W.C. 38035
Liu, Q.S. *see* Yan, J.D. 54909
Liu, Q.Z., Kodaypak, P., MacDonald, R.I. Modeling and experimental comparison of optoelectronic mixers with the use of a metal-semiconductor-metal photodetector 44300
Liu, Q.Z., MacDonald, R.I. Modeling of optoelectronic switch with PIN photodiode and GaAs MESFET transmission gate 3600
Liu, Q.Z., Shen, L., Smith, K.V., Tu, C.W., Yu, E.T., Lau, S.S., Perkins, N.R., Kuech, T.F. Epitaxy of Al films on GaN studied by reflection high-energy electron diffraction and atomic force microscopy 40305
Liu, Q.Z., Welstand, R.B., Orazi, R.J., Pappert, S.A., Yu, P.K.L., Lau, S.S. Novel planar electroabsorption waveguide modulator for RF applications 58349
Liu, Q.Z., Yu, L.S., Lau, S.S., Redwing, J.M., Perkins, N.R., Kuech, T.F. Thermally stable PtSi Schottky contact on n-GaN 42250
Liu, Q.Z. *see* Guan, Z.F. 22436
Liu, R. *see* Garcia, R. 51325
Liu, R.-W. *see* Toth, G. 31444
Liu, R.-Y., El-Wailly, T., Olson, M., Adams, G., Carroll, J. A miniaturized, low-cost IFOG IMU for tactical weapon applications 28695
Liu, R.-Y. *see* Sanders, G.A. 27610
Liu, R.C. *see* Darayan, S. 17744
Liu, R.M. *see* Reymann, D. 58609
Liu, S., Hoffman, E.P. Application-oriented characterization of $Sm_2(Co,Fe,Cu,Zr)_{17}$ permanent magnets 3237
Liu, S., Mei, Y.H. An investigation to popcorning mechanisms for IC plastic packages: EMC cracking 10096
Liu, S., Schlueter, R.A. Structure of an improved intelligent control for a power system in a deregulated environment 8774
Liu, S. *see* Bocker, J. 51768
Liu, S. *see* Mei, Y.H. 10097
Liu, S. *see* Yi, M. 22912
Liu, S.-G., Wu, P.-J., Liu, Y.Q., Zhu, D.-B. Electrical switching and memory phenomena in electrodeposited $[TBA]_x[Ni(DMID)_2]$ thin films 22484
Liu, S.-S. *see* Jang, S.-L. 54561
Liu, S.M.J. *see* Tang, O.S.A. 31530
Liu, S.T., Fechner, P.S., Witcraft, W., Liou, H.K., Rekstad, J., Green, P., Yue, J. Screening SIMOX for VLSI and ULSI chip production 22910
Liu, S.T., Jenkins, W.C. Effect of total dose radiation on FETs fabricated in UNIBOND™ SOI material 22812
Liu, S.T., Jenkins, W.C. Total dose radiation hard 0.5 μm SOI CMOS transistors and 256 K SRAMs 41190
Liu, T., Brooks, D., Martin, A., Badcock, R., Fernando, G.F. Design, fabrication and evaluation of an optical fibre sensor for tensile and compressive strain measurements via the use of white light interferometry 17456
Liu, T. *see* Feleppa, E.J. 18353
Liu, T. *see* Hayes, S. 17453
Liu, T. *see* Korhonen, M.A. 250
Liu, T. *see* Kozlowski, L.J. 17503
Liu, T. *see* Meneghesso, G. 2728
Liu, T.H. *see* Iijima, T. 37238
Liu, T.I., Singonahalli, J.H., Iyer, N.R. Detection of roller bearing defects using expert system and fuzzy logic 7180
Liu, T.R., Tarng, J.H. Modeling and measurement of 2.44-GHz radio out-of-sight propagation on single floors 36073
Liu, W., Ambe, T., Pease, R.F. Micro-objective lens with compact secondary electron detector for miniature low voltage electron beam systems 24363
Liu, W., Bowen, C., Mi-Chang Chang A CAD-compatible non-quasi-static MOSFET model 43056
Liu, W., Dirkx, E. Parallel simulation of ATM switches 25862
Liu, W., Kami, Y. Analysis of crosstalk between non-parallel transmision lines by using a circuit concept 14657
Liu, W. *see* Beam, E.A., III. 21303
Liu, W. *see* Livingstone, C.E. 8483
Liu, W. *see* Sui, Y.C. 32877
Liu, W.-C., Tsai, J.-H., Thei, K.-B., Lin, K.-W., Chen, C.-C., Chen, H.R. Investigation of InGaP-GaAs multiple negative-differential-resistance (NDR) device prepared by MOCVD 54595
Liu, W.-C. *see* Athas, W.C. 11461
Liu, W.-C. *see* Lour, W.-S. 54597
Liu, W.-H.E., Zhong, W. A fuzzy set method for fault location identification in power distribution systems 50533
Liu, W.-H.E. *see* Qin Zhou 60383
Liu, W.-H.E. *see* Qin Zhou 60384
Liu, W.-H.E. *see* Singh, H. 50307
Liu, W.B., Jie Shen A new efficient spectral Galerkin method for singular perturbation problems 21203
Liu, W.C., Laih, L.W., Wu, C.Z., Cheng, C.C., Lin, K.W., Chen, H.R. High-performance of InGaAs-GaAs doped-channel heterostructure field-effect transistor (HFET) prepared by MOCVD 54689
Liu, W.C. *see* Cheng, C.-C. 54589
Liu, W.F., Dong, L., Reekie, L., Payne, D.N. Comparison of the decay behaviour of negative and positive index change fibre Bragg gratings 43978
Liu, W.F., Russell, P.S.J., Culverhouse, D.O., Reekie, L. Acousto-optic superlattice modulator using fiber Bragg grating 16682
Liu, W.F. *see* Dong, L. 33009
Liu, W.F. *see* Dong, L. 55192
Liu, W.J., Jiang, S.S., Huang, X.R., Hu, X.B., Zeng, W., Wei, J.Q., Wang, J.Y., Jiang, J.H., Han, Y. Growth defects in Nb:KTP crystals observed by synchrotron radiation topography 32984
Liu, W.K., Fang, X.M., Yuan Weili, Santos, M.B., Chatterjee, T., McCann, P.J., O'Rear, E.A. Initial growth of CaF_2 and BaF_2/CaF_2 on Si(110) during molecular beam epitaxy 10781
Liu, W.K., Winesett, J., Weiluan Ma, Xuemei Zhang, Santos, M.B., Fang, X.M., McCann, P.J. Molecular beam epitaxy of InSb on Si substrates using fluoride buffer layers 30752
Liu, W.M. *see* Ruan, Y.Z. 34405
Liu, W.Y. *see* Wang, H. 56853
Liu, X., Adah, T. Channel equalization by maximum partial likelihood estimation 34828
Liu, X., Aitchison, J.S., De La Rue, R.M., Thoms, S., Zhang, L., Williams, J.A.R., Bennionb, I. Electron beam lithography of phase mask gratings for near field holographic production of optical fibre gratings 44777
Liu, X., Braun, A. Numerical simulation of femtosecond pulse propagation in air undergoing self-focusing and ionization 4093

Liu, X., Du, D., Tien, A.-C., Mourou, G. Laser micromachining with ultrafast pulses 24316
Liu, X., Raja, J. Analyzing engineering surface texture using wavelet filter 25614
Liu, X. *see* Abe, K. 37234
Liu, X. *see* Adali, T. 45948
Liu, X. *see* Braun, A. 3804
Liu, X. *see* Hegedus, S. 39148
Liu, X. *see* Liliental-Weber, Z. 10804
Liu, X. *see* Momma, T. 11771
Liu, X. *see* Peng, J. 23774
Liu, X. *see* Rogalla, M. 32358
Liu, X. *see* Van Rompay, P.A. 22218
Liu, X.F. *see* Zou Lyufan 54355
Liu, X.H. *see* Zhao, J.P. 40630
Liu, X.L. *see* Pingmao Xu 54936
Liu, X.Y., Barclay, J.A., Foldeaki, M., Gopal, B.R., Chahine, R., Bose, T.K. Magnetic properties of amorphous $Gd_{70}(Fe,Ni)_{30}$ and $Dy_{70}(Fe,Ni)_{30}$ alloys 55027
Liu, X.Y. *see* Zhou, D. 43235
Liu, Y., Bogacz, S.A., Cline, D.B., Wang, X.J., Pogorelsky, I.V., Kimura, W.D. Micro-bunching diagnostics for the ICA by coherent transition radiation 18017
Liu, Y., Carlisle, G.O. Synthesis and nonlinear optical properties of a side-chain polyurethane 55162
Liu, Y., Cline, D., Ben-Zvi, I., Wang, J., Sheehan, J., Batchelor, K., Malone, R., Issapour, M. A modified feed-forward control system at the Accelerator Test Facility 36998
Liu, Y., Nakajima, M. A lossless hybrid coding scheme for computer cartoon images 15819
Liu, Y., Reynoso, V.C.S., Rojas, R.F.C., Medeiros Neto, J.A., Cesar, C.L., Alves, O.L., Barbosa, L.C. Optical properties of CdTe quantum dots in praseodymium-doped borosilicate glass 2158
Liu, Y., Salama, M.M.A. Applying simulation model to uniform field space charge distribution measurements by the PEA method 13261
Liu, Y., Salama, M.M.A. Investigating space charge dynamics in polymers by the improved pulsed electro-acoustic method 32721
Liu, Y., See, C.W., Somekh, M.G. Common path interferometric microellipsometry 17822
Liu, Y. *see* Bai, L. 15793
Liu, Y. *see* Bristow, J. 52207
Liu, Y. *see* de Oliveira, P.C. 44353
Liu, Y. *see* Li, G.P. 22889
Liu, Y. *see* Malhotra, S.S. 13437
Liu, Y. *see* Mangum, B.W. 27206
Liu, Y. *see* Ning, Y.N. 17447
Liu, Y. *see* Reynoso, V.C.S. 2159
Liu, Y. *see* Sellmyer, D.J. 55031
Liu, Y. *see* Sun, H.Y. 32819
Liu, Y. *see* Zhang, Y. 9299
Liu, Y.-C., Douligeris, C. Rate regulation with feedback controller in ATM networks–a neural network approach 25855
Liu, Y.-C. *see* Wu, T.-F. 39377
Liu, Y.C. *see* Hsiung, G.Y. 17962
Liu, Y.G., Zhang, S.K., Li, C.L. Analysis of an electromagnetically pumped free-electron-laser with a tapered guide magnetic field 55742
Liu, Y.H. *see* Dong Sun 59780
Liu, Y.J. *see* Leng, J.S. 40695
Liu, Y.M., Ganesh, C., Steele, J.P.H., Jones, J.E. Fiber optic sensor development for real-time in-situ epoxy cure monitoring 58808
Liu, Y.Q. *see* Kinzy Jones, W. 52891
Liu, Y.Q. *see* Liu, S.-G. 22484
Liu, Y.S., Robertson, B., Plant, D.C. Alignment tolerancing analysis for on-axis non-telecentric free-space optical interconnects (FSOIs) 13901
Liu, Y.S. *see* Chunhe Zhao 57918
Liu, Y.S. *see* Mizuno, T. 33247
Liu, Y.S. *see* Plant, D.V. 13894
Liu, Y.S. *see* Plant, D.V. 55473
Liu, Y.W., Mei, K.K., Luk, K.M., Yung, E.K.N. Numerical computation of scattering by very large cylinders 33962
Liu, Y.W., Mei, K.K., Yung, E.K.N. On-surface measured equation of invariance for 2-D conducting scatterings 34034
Liu, Y.W. *see* Luo, Y.L. 34035
Liu, Y.X., Plotka, P., Suto, K., Oyama, Y., Nishizawa, J. Carrier injection by static induction mechanism in MLE-grown planar-doped barrier n^+-i-p^+-i-n^+ structures 12887
Liu, Y.X. *see* Hai Liu 19864
Liu, Y.Z. *see* Jiang, H. 58354
Liu, Y.Z. *see* Welstand, R.B. 3457
Liu, Y.Z. *see* Welstand, R.B. 58350
Liu, Z., Hall, P.S. A novel dual-band antenna for hand-held portable telephone 35931
Liu, Z., Ruan, D. Experiments of fuzzy logic control on a nuclear research reactor 29023
Liu, Z. *see* Ayanoglu, E. 47542
Liu, Z. *see* Bruton, L.T. 15505
Liu, Z. *see* Chen, R.S. 41472
Liu, Z. *see* Hanabusa, M. 41869
Liu, Z. *see* Karol, M.J. 5833
Liu, Z. *see* Komatsu, R. 14284
Liu, Z. *see* Lapucha, D. 48169
Liu, Z. *see* Wang, Y. 10176
Liu, Z.-S. *see* Li, J. 6898
Liu, Z.-S. *see* Li, J. 58434
Liu, Z.F. *see* Jia, L. 12708
Liu, Z.G. *see* Guo, X.L. 10882
Liu, Z.G. *see* Guo, X.L. 52807
Liu, Z.G. *see* Hu, W.S. 863
Liu, Z.G. *see* Hu, W.S. 873
Liu, Z.G. *see* Hu, W.S. 10841
Liu, Z.G. *see* Hu, W.S. 52830
Liu, Z.H. *see* Nachtwei, G. 54191
Liu, Z.K. *see* Schouten, T.E. 56608
Liu, Z.L. *see* Tang, Z.Y. 38952
Liu, Z.X., Goni, A.R., Brunner, K., Eberl, K., Syassen, K. Photoluminescence of a pseudomorphic $Si_{1-y}C_y/Si$ MQW structure under pressure 22352
Liu, Z.X. *see* Hanabusa, M. 21356
Liu Aijun, Lu Haihuan Digitalization of spread spectrum communication system 58122
Liu An *see* Chen Tsai-Hsiang 28866
Liu Anping *see* Anping Liu
Liu Baige *see* Liu Xiaoting 48914
Liu Bao, Zong Hua, Tang Pushan, Min Hao Hardware implementation of line-scan based mask verification algorithm 12844
Liu Bao *see* Bao Liu
Liu Baolin, Yang Shuren, Chen Baijun, Liu Shiyong The study on multiple quantum well of tensile-strained InGaAs/InP grown by LP-MOCVD 2136
Liu Baolin *see* Chen Songyan 40462
Liu Baoquan *see* Baoquan Liu
Liu Bei *see* Chen Chen 50321
Liu Biing-Der *see* Biing-Der Liu
Liu Bin *see* Bin Liu
Liu Bin-Da *see* Bin-Da Liu
Liu Bing *see* Chirarattananon, S. 29917
Liu Binghua *see* Li Dajian 15806
Liu Bingwen *see* Bingwen Liu
Liu Bo *see* Bo Liu
Liu Bob *see* Bob Liu
Liu Bor-Yueh *see* Bor-Yueh Liu
Liu Buyun *see* Buyun Liu
Liu Chang *see* Chang Liu
Liu Cheh-Ming *see* Cheh-Ming Liu
Liu Chen-Ching *see* Chen-Ching Liu
Liu Cheng-Chiian *see* Cheng-Chiian Liu
Liu Cheng-Tsung *see* Cheng-Tsung Liu
Liu Chengjun, Dai Ruwei Point-governed region method for discrete linear transformations of digital images 57132
Liu Chenhui *see* Zhu Guoliang 53613
Liu Chi-Min *see* Chi-Min Liu
Liu Chi-Shi *see* Chi-Shi Liu
Liu Chien-Chiang *see* Chien-Chiang Liu
Liu Chih-Chien *see* Chih-Chien Liu
Liu Chih-Wen *see* Chih-Wen Liu
Liu Chiwen *see* Tseng Weitsu 43419
Liu Chun Hsing *see* Chun Hsing Liu
Liu Chun-Chang *see* Chun-Chang Liu
Liu Chuntian, Xu Youren, Xu Yuan Experimental investigation on the statistical properties of speckle recorded by CCD camera 48688
Liu Da-Guang *see* Da-Guang Liu
Liu Dahe, Zhou Jing, Guo Ping A new physical model for volume hologram 44787
Liu DaHe *see* Gzlo Ping 46402
Liu Dajie *see* Chen Yi 6995
Liu Dan *see* Tang Pingsheng 23824
Liu Dan *see* Dan Liu
Liu Daoyu *see* Daoyu Liu
Liu Der-Cherng *see* Der-Cherng Liu
Liu Desen *see* Gao Yingjun 12832
Liu Desen *see* Wang Zhongzhu 16225
Liu Dezhong *see* Dezhong Liu
Liu Dichen *see* Sun Yunlian 25527
Liu Dingyu Diffusion in solid with holographic interferometry 55924
Liu Dong-Yueh *see* Dong-Yueh Liu
Liu Dongfeng *see* Hu Wei 14015
Liu Dongfeng *see* Hu Wei 33714
Liu Enke *see* Li Guozheng 55304
Liu Fa-Wang *see* Fa-Wang Liu
Liu Fang-Jou *see* Fang-Jou Liu
Liu Feng, Wang Xinmei Wavelet based decision feedback equaliser 45923
Liu Feng *see* Feng Liu
Liu Fenghai *see* Wang Jianbing 27143
Liu Fenghai *see* Xie Shizhong 20835
Liu Fong-Rong *see* Fong-Rong Liu
Liu Fu-Hua *see* Fu-Hua Liu
Liu Fu-Young *see* Chen Jiann-Fuh 60440
Liu Gang *see* Ye Chunfei 14728
Liu Gang *see* Gang Liu
Liu Guanghui *see* Guanghui Liu
Liu Guangyi, Wang Mingjun, Yu Erkeng Distribution automation and its development. V. Automated mapping/facilities management/geographic information system for distribution management system 50536
Liu Guangyi, Wang Mimgjun, Yu Erkeng Distribution automation and its development. VII. Demand side management 60376
Liu Guangyi *see* Hao Yuguo 50316
Liu Guangyi *see* Hao Yuguo 50373
Liu Guangyi *see* Pan Yi 38298
Liu Guangyi *see* Yu Erkeng 19294
Liu Guangyi *see* Yu Erkeng 28796
Liu Guangyu *see* Fan Shangchun 27523
Liu Gui-Chuan *see* Gui-Chuan Liu
Liu Guirong *see* Huang Mingqiang 32908
Liu Guixiong *see* Guixiong Liu
Liu Guizhong, Feng Yiling, Zong Tao Spline multiresolution analysis 4748
Liu Guofan *see* Wang Jing 774
Liu Guoqing *see* Guoqing Liu
Liu Guosui *see* Guosui Liu
Liu Guoxian, Lin Xianshu, Yang Qixun Nonlinear fast valving control of multi-machine systems 38284
Liu Guoyun, Lou Dianqiang, Dai Yingjun Perfection of the computer automatic control function in Geshang HVDC converter stations 28864
Liu Hai *see* Hai Liu
Liu Hai-Feng *see* Hai-Feng Liu
Liu Hailung *see* Hailung Liu
Liu Hang *see* Hang Liu
Liu Hanli *see* Hanli Liu
Liu Haochieh *see* Su Chinghua 10652
Liu Haoning *see* Haoning Liu
Liu Hengji *see* Hengji Liu
Liu Honaxin *see* Xu Zhongyou 53308
Liu Hong *see* Hong Liu
Liu Hong Bin *see* Hong Bin Liu
Liu Hong Wang, Min Zhu Min The smoothing average motion compensation for moving picture 57384
Liu Hong-Du *see* Hong-Du Liu
Liu Hongche *see* Hongche Liu
Liu Hongen, Zhou Xianwei A systematic planning approach to implementing total quality management through quality function deployment technique 339
Liu Hongxiu *see* Hongxiu Liu
Liu Hongyue *see* Hongyue Liu
Liu Hou-Tian *see* Hou-Tian Liu
Liu Hsiao-Chung *see* Hsiao-Chung Liu
Liu Hua-Yu *see* Hua-Yu Liu
Liu Huaidong *see* Zhang Xinping 13257
Liu Huaimin *see* Mao Zepu 59254
Liu Huamin *see* Huamin Liu
Liu Huanliu *see* Li Xingyuan 28942
Liu Huey-Ing *see* Huey-Ing Liu
Liu Hui *see* Hui Liu
Liu Huimin *see* Sun Lin 28733
Liu Huimin *see* Huimin Liu
Liu Ji *see* Huang Yun-Jin 32725
Liu Ji *see* Yang Jia-Xiang 13291
Liu Ji *see* Yang Jia-Xiang 14510
Liu Ji *see* Yang Jian 38286
Liu Ji-Yuan *see* Ji-Yuan Liu
Liu Jia-Kuang *see* Jia-Kuang Liu
Liu Jian, Chen Zhiming, Du Zhong, Yan Baiping A switched capacitor harmonic compensation part for switching supplies 40880
Liu Jian, Chen Zhiming, Zhong Yanru, Du Zhong Compact DC-DC converter for pocket micro-controller systems 11177
Liu Jian *see* Jian Liu
Liu Jian-Feng *see* Jian-Feng Liu
Liu Jian-Gang *see* Jian-Gang Liu
Liu Jian-Yu *see* Jian-Yu Liu
Liu Jiang *see* Jiang Liu
Liu Jianlin *see* Jianlin Liu
Liu Jiaxing Multi-functions integration and intermodulation interference of TT&C system 6031
Liu Jie *see* Li Juan 24046
Liu Jie-Cherng *see* Jie-Cherng Liu
Liu Jih-Phong *see* Chen Chao-Shun 60318
Liu Jike Observation on lightning eliminator 50638
Liu Jiming *see* Jiming Liu
Liu Jin Gang *see* Jin Gang Liu
Liu Jin-Shung *see* Jin-Shung Liu
Liu Jing *see* Mao Zepu 59254
Liu Jing *see* Wu Chengke 46427
Liu Jingbao *see* Jingbao Liu
Liu Jingru *see* Wang Feng 24035
Liu Jingyong *see* Zhu Peiwang 3315
Liu Jinliang, Zhang Yazhou, Li Chuanlu, Chen Guoqiang, Tan Qimei Narrow band microwave generation from virtual cathode oscillating inside a resonant cavity 53983
Liu Jinling *see* Feng Zhijing 48341
Liu Jinn-Liang *see* Jinn-Liang Liu
Liu Jinyuan *see* Jinyuan Liu
Liu Jiu-Chyun *see* Jiu-Chyun Liu
Liu Jue *see* Jin Zhendong 50443
Liu Jun, Zhu Shifu, Li Zhenghui, Zhao Beijun, Chen Guanxiong Tunneling in the one-dimensional Cantor fractal multi-quantum wells 22343
Liu Jun *see* Deng Jixaing 50314
Liu Jun *see* Wang Maosen 53677
Liu Jun *see* Zhu Shifu 10628
Liu Jun *see* Jun Liu
Liu Junyong *see* Fu Ying 38219
Liu Junyong *see* Li Xingyuan 28942
Liu Junyong *see* Qiu Xiaoyan 50374
Liu Jutong, Zhi Dan, Redwing, J.M., Tischler, M.A., Kuech, T.F. GaN films studied by near-field scanning optical microscopy, atomic force microscopy and high resolution X-ray diffraction 40456
Liu Jutong *see* Jutong Liu
Liu Jyh-Charn *see* Jyh-Charn Liu
Liu Kai-Feng *see* Kai-Feng Liu
Liu Kaifeng *see* Lu Xuekun 32148
Liu Kefeng *see* Kefeng Liu
Liu Keli *see* Lu Jianfeng 49521
Liu Ker Ming *see* Ker Ming Liu
Liu Kou-Shung *see* Kou-Shung Liu
Liu Kui *see* Guo Jianbo 19262
Liu Kun *see* Kun Liu
Liu Kunyan *see* Kunyan Liu
Liu Kuo-Shung *see* Kuo-Shung Liu
Liu Leijlan *see* Lu Jianfeng 49521
Liu Li *see* Li Liu
Liu Lianjun *see* Lianjun Liu

Liu Liben A brief summary of the operation of semiconductor lightning eliminator (SLE) installed on the dispatching building of Central China Electric Power Administration 19398
Liu Lifeng, Xu Guangyou Using dichromatic reflection model to change color of objects for color images 15810
Liu Lifeng *see* Lifeng Liu
Liu Lilian *see* Zhang Qingxin 58703
Liu Ling, Zhao Yannan, Zhang Bo A full-parallel architecture ASIC implementation of FP-based multilayered feedforward neural networks 53482
Liu Ling *see* Ling Liu
Liu Linmao, Li Jie, Wang Haijun, Sheng Lianxi, Xu Dezhi Electrostatic precipitator with transverse electrodes for collecting high resistivity dust 33852
Liu Liping *see* Liping Liu
Liu Liren *see* Liren Liu
Liu Litian *see* Sun Xiqing 38765
Liu Litian *see* Zhan Changqing 13181
Liu Litian *see* Litian Liu
Liu Liusheng *see* Liusheng Liu
Liu Liuting *see* Zhang Shudan 2604
Liu Lixin *see* Lixin Liu
Liu Liying *see* Liying Liu
Liu Lung-Tien *see* Lung-Tien Liu
Liu Luofei, Han Shuibao Exploration on building of secondary data network of Central China Electric Power Dispatching System 38287
Liu Maocang *see* Jia Yongkang 34853
Liu Mei *see* Zhao Shuqing 58431
Liu Meilin *see* Cho, J. 38943
Liu Meilin *see* Meilin Liu
Liu Mengan *see* Pan Zhijian 58494
Liu Ming-Da *see* Ma Dong-Ge 44284
Liu Ming-Guo *see* Yuan Duo-Rong 44634
Liu Ming-Zhu *see* Ming-Zhu Liu
Liu Mingda *see* Ma Dongge 23703
Liu Mingguo *see* Yuan Duorong 24099
Liu Mingguo *see* Mingguo Liu
Liu Minghui *see* Hu Zhengrong 41394
Liu Mingye *see* Yan Zongfu 11131
Liu Mingye *see* Mingye Liu
Liu Mingyi *see* Chen Xinfeng 18143
Liu Minsheng *see* Minsheng Liu
Liu Naian, Zeng Xingwen, Chen Jian, Yin Weiyi, Pei Changxing AGC for the high-speed data communication 46880
Liu Naian *see* Pei Changxing 31358
Liu Ning Wireless LAN technological features and system architecture 16224
Liu Pao-Lo *see* Pao-Lo Liu
Liu Paul Cheng-Hsin *see* Paul Cheng-Hsin Liu
Liu Pei *see* Cheng Lijun 8954
Liu Pei *see* Lin Xiangning 50445
Liu Pei *see* Peng Xiaolang 50620
Liu Pei *see* Wen Jinyu 38223
Liu Pei *see* Wen Jinyu 50448
Liu Pei *see* Wen Jinyu 60961
Liu Pi-Hai *see* Pi-Hai Liu
Liu Po-Tsun *see* Po-Tsun Liu
Liu Pulin *see* Shi Xiaohong 1982
Liu Qi, Sun Zhongkang, Song Xiaoquan Position location approach and accuracy analysis with two coordinate measurements in bistatic system 8644
Liu Qi *see* Mao Zepu 59254
Liu Qian *see* Zhou Jian 60032
Liu Qian *see* Zhou Jian 61332
Liu Qing, Tian Lifen, Peng Xiaolan, Cheng Shijie A distributed database system used in unified decision of multi-expert system for provincial power system dispatching 60245
Liu Qing *see* Wen Jinyu 60961
Liu Qing-Guang *see* Qing-Guang Liu
Liu Qingchong *see* Qingchong Liu
Liu Qingguo The development of high temperature electrochemical sensors for metallurgical processes 27531
Liu Qingguo *see* Qiu Weihua 29587
Liu Qingguo *see* Wang Shujun 29589
Liu Qingguo *see* Yang Leiling 29583
Liu Ron-Yi *see* Ron-Yi Liu
Liu Rong *see* Qian Wensheng 52817
Liu Ruey-Wen *see* Ruey-Wen Liu
Liu Ruimin *see* Ruimin Liu
Liu Runsheng *see* Gao Baoxin 1735
Liu Runsheng *see* Yang Huazhong 2766
Liu Runsheng *see* Yang Huazhong 13094
Liu Sanqin *see* Xu Yanzhong 44085
Liu Senli, Zhang Chunhong Scope and voltage grade of the direct current transmission project from Xiaowan power station to Guangdong Province 8860
Liu Shangqing *see* Shangqing Liu
Liu Shaobo *see* Tan Jichun 24010
Liu Shaoming *see* Shaoming Liu
Liu Shen-Iuan *see* Shen-Iuan Liu
Liu Sheng *see* Shi Ling 52917
Liu Sheng *see* Sheng Liu
Liu Sheng, O.R. *see* Jen-Hwa Hu, P. 49371
Liu Shenggang, Zhu Dajun An alternative analysis for wave propagation along plasma waveguide in finite magnetic field 14674
Liu Shenggang, Zhu Dajun, Yan Yang, Lee, J.K. Dispersion characteristics of wave propagation along a plasma waveguide in a finite magnetic field 56098
Liu Shenggang *see* Shenggang Liu
Liu Shenggao, Liu Yunqi, Wu Peiji, Zhu Daoben, Tian He, Chen Kongchang Characterisation and electrical property of molten-grown CuTCNQ film material 31902
Liu Shi-Yong *see* Chen Bai-Jun 55455
Liu Shi-Yong *see* Huang Jing-Song 44285
Liu Shi-Yong *see* Tian Wen-Jing 44258
Liu Shih-Chii *see* Shih-Chii Liu
Liu Shin Ta *see* Shin Ta Liu
Liu Shixiang, Huang Feili, Qu Wenlong, Wang Yaoming Development of DC motor choppers for electric cars 61277
Liu Shiyong *see* Liu Baolin 2136
Liu Shiyong *see* Peng Yuheng 14162
Liu Shiyong *see* Sun Hongbo 14191
Liu Shiyong *see* Sun Hongbo 44441
Liu Shiyong *see* Shiyong Liu
Liu Shou *see* Hsu Dahsiung 44794
Liu Shou *see* Shou Liu
Liu Shulong *see* Wang Zhengrong 14231
Liu Shuomei *see* He Xinhua 53088
Liu Shutian *see* Bao Xinxian 32998
Liu Shutian *see* Xu Jiandong 24239
Liu Shutian *see* Shutian Liu
Liu Si-Min, Zhang Guo-Quan, Sun Qian, Xu Jing-Jun, Zhang Guang-Ying, Tong Yi-Cheng Waveguides written and stored by photovoltaic dark spatial solitons in $LiNbO_3$:Fe crystals 43988
Liu Si-Min *see* Sun Qian 33740
Liu Simin *see* Simin Liu
Liu Sixing *see* Xu Changsheng 46062
Liu Songhao *see* Du Weichong 4074
Liu Su-Ping *see* Huang Wen-Zhong 44354
Liu Suping *see* Mao Sen 23444
Liu Ta-Yung *see* Ta-Yung Liu
Liu Tai-Hwa *see* Tai-Hwa Liu
Liu Takyiu *see* Takyiu Liu
Liu Tay-Jian *see* Tay-Jian Liu
Liu Te-Kai *see* Te-Kai Liu
Liu Tian *see* Tian Liu
Liu Tian-Hua *see* Tian-Hua Liu
Liu Tinyang *see* Tinyang Liu
Liu Tong *see* Tong Liu
Liu Tzen-Yi *see* Tzen-Yi Liu
Liu Wei, Jiang Desheng, Zhang Yiaohui, Jin Shan, Wang Ruozhen Photoreflectance studies of pseudomorphic high electronic mobility transistor structures 32456
Liu Wei *see* Li Gang 59598
Liu Wei *see* Sun Baoquan 22351
Liu Wei *see* Wang Xiaojun 22401
Liu Wei *see* Wei Liu
Liu Weibin *see* Li Quanfeng 8087
Liu Weihong *see* Weihong Liu
Liu Weixin *see* Weixin Liu
Liu Wen *see* Avramov, I.D. 13389
Liu Wen Chau *see* Wen Chau Liu
Liu Wen-Chau *see* Wen-Chau Liu
Liu Wen-Hua, Yu Chen-Zhou, Hu Zi-Long Studies on foamed hydrogen absorbing electrodes 9496
Liu Wen-Hua *see* Wen-Hua Liu
Liu Wenchau, Laih Lihwen, Tsai Junghui, Lin Kunwei, Cheng Chinchuan InGaAs-GaAs pseudomorphic heterostructure transistors prepared by MOVPE 43085
Liu Wenhan *see* Wenhan Liu
Liu Wenheng *see* Wenheng Liu
Liu Wenhua *see* Huang Yongchang 9495
Liu Wenjin *see* Wei Bingqing 4169
Liu Wenping, Wu Lide An adaptive method for air-target image segmentation 5264
Liu Wenyin, Dov Dori A protocol for performance evaluation of line detection algorithms 46325
Liu Wing Kam *see* Wing Kam Liu
Liu Wing Kam Snm *see* Wing Kam Snm Liu
Liu Xianbing *see* Jiang Xiang Qian 36525
Liu Xiande *see* Zeng Shaoqun 18315
Liu Xiang, Zhou Bo, Yang Shanshui, Yan Yangguang The design and implementation of VSCF power source control unit 38852
Liu Xiang-Dong *see* Xiang-Dong Liu
Liu Xiangdong, Yu Wei The study on coding for high-density Chinese character bar code (CCB) 4481
Liu Xiangdong *see* Xiangdong Liu
Liu Xiao *see* Xiao Liu
Liu Xiao-Dong *see* Tian Wen-Jing 44258
Liu Xiao-Dong *see* Xiao-Dong Liu
Liu Xiaochuan *see* Li Xingyuan 28942
Liu Xiaolin *see* Xiaolin Liu
Liu Xiaoming *see* Lu Zhaoyi 57675
Liu Xiaoming *see* Tang Pingsheng 23824
Liu Xiaoting, Liu Baige, Shen Zhe, Ye Zifeng Holography measurement of particle distribution in rotary particle field 48914
Liu Xiaoyan *see* Xiaoyan Liu
Liu Xiaoying, Luo Binghai, Feng Qin, Wang Xingren Real-time texture mapping and shading for curved surfaces 35027
Liu Xiaoyu *see* Xiaoyu Liu
Liu Xichun, Xie Kefu, Cao Guochu A time-domain analysis of nonideal class E zero-current-switching rectifier 31107
Liu Xing-Zhao, Yang Bang-Chao, Jia Yu-min, Li Yan-Rong Electrical characteristics of metal contacts to boron doped polycrystalline semiconducting diamond thin films 2230
Liu Xingchun *see* Zhu Huiying 36240
Liu Xinghao *see* Xinghao Liu
Liu Xingjiang *see* Xingjiang Liu
Liu Xingjun, Sun Xingehu Control software design of a robot as missile charging 60135
Liu Xingzhao *see* Xingzhao Liu
Liu Xinhua *see* Ji Yanchao 51107
Liu Xu *see* Xu Liu
Liu Xuan, Rajeswaran, S., Smolik, W., Tavernier, S., Zhang Shuping, Bruyndonckx, P. Design and physical characteristics of a small animal PET using BaF_2 crystals and a photosensitive wire chamber 37669
Liu Xue-Feng *see* Zou Lu-Fan 54349
Liu Xueqing *see* Xueqing Liu
Liu Xunlang *see* Wei Jiang 22550
Liu Yan-Wei *see* Ma Kun 40309
Liu Yang Kuan *see* Yang Kuan Liu
Liu Yanhong, Guo Baohai, Ma Tengcai Studies of SiO_2 films deposited by RF magnetron sputtering 52825
Liu Yanming *see* Pei Changxing 31358
Liu Yanming *see* Yanming Liu
Liu Yao-Ching *see* Yao-Ching Liu
Liu Yao-Gang *see* Yao-Gang Liu
Liu Yao-Tsorng *see* Yao-Tsorng Liu
Liu Yaofei *see* Yaofei Liu
Liu Yaohong *see* Li Quanfeng 8087
Liu Yaonan *see* Zhu Yutao 13259
Liu Yi *see* Ma Guicun 43792
Liu Yi *see* Shan, Z.S. 13450
Liu Yi-Hua *see* Yi-Hua Liu
Liu Yichun *see* Yichun Liu
Liu Ying *see* Fang Zhenxian 21623
Liu Ying *see* Ying Liu
Liu Ying-Moh *see* Ying-Moh Liu
Liu Yingli *see* Zhang Huaiwu 13449
Liu Yong *see* Cheng Lijun 8954
Liu Yong *see* Liu Yongzhi 3429
Liu Yong *see* Yang Jia-Xiang 19812
Liu Yong Tan *see* Yong Tan Liu
Liu Yong-Cheng *see* Yong-Cheng Liu
Liu Yong-Ming *see* Yong-Ming Liu
Liu Yonghong *see* Yu Guohua 44156
Liu Yongqian *see* Yongqian Liu
Liu Yongqing *see* Yongqing Liu
Liu Yongtang *see* Zhou Zhixin 60082
Liu Yongzhi, Liu Yong, Pang Tao Analysis of transmission characteristics of DBR structure on $LiNbO_3$ optical waveguide 3429
Liu Yongzhi *see* Yongzhi Liu
Liu Youer *see* Wang Fangzong 28741
Liu Youyan *see* Zheng Dafang 12495
Liu Yu-Sun *see* Yu-Sun Liu
Liu Yuan-Chen *see* Yuan-Chen Liu
Liu Yuchi *see* Qi Bojin 61372
Liu Yue *see* Sheng Shimin 53069
Liu Yue *see* Yue Liu
Liu Yuh-Hwan *see* Yuh-Hwan Liu
Liu Yuin-Hong *see* Yuin-Hong Liu
Liu Yuming *see* Yuming Liu
Liu Yun *see* Yun Liu
Liu Yunhao Calculation of the operating sequence in switching operation by use of computer 29508
Liu Yunlong *see* Yin Zhiyu 47253
Liu Yunqi *see* Chen Fushen 7470
Liu Yunqi *see* Liu Shenggao 31902
Liu Yuntao *see* Shao Yingbin 23583
Liu Yutian, Du Zhengchun, Xia Daozhi A review on transient stability control in power systems 28773
Liu Yuzhang *see* Yuzhang Liu
Liu Ze-Jin *see* Ze-Jin Liu
Liu Zejin *see* Jiang Zhiping 3962
Liu Zejin *see* Zejin Liu
Liu Zejing *see* Jiang Zhiping 3960
Liu Zemin *see* Liang Qilian 45894
Liu Zeng Ji *see* Qiu Zhiliang 46879
Liu Zeng Ji *see* Zeng Ji Liu
Liu Zengji, Yang Xinhui, Zhou Daiqi, Qiu Zhiliang On some key technologies of ATM switching 47476
Liu Zengji *see* Zhao Yubiao 5754
Liu Zhan Multiprocessor multitasking real-time operation system and application 56547
Liu Zhan High resolution real-time image formation analysis 58468
Liu Zhanwen, Zhang Wen, Zhao Hongwei, Yuan Ping, Zhang Xuezhen, Guo Xiaozhong, Li Xixia, Zhou Sixin, Wang Lifang, Wei Baowen A new working mode for ECR source 37169
Liu Zhaoyan *see* Sun Dongsong 36264
Liu Zheng, Shao Beiling, Li Yonghong, Wang Hongwei, Yang Jingming, Tsien Peihsin Study on the microstructure of laser-recrystallization SOI with reflecting-stripe 2283
Liu Zhenhong *see* Jia Zhensheng 450
Liu Zhenlin *see* Zhenlin Liu
Liu Zhenxing *see* Sun Baoquan 22351
Liu Zhi-Qiang *see* Zhi-Qiang Liu
Liu Zhigang *see* Zhang Zhisheng 17319
Liu Zhiguo *see* Zhiguo Liu
Liu Zhihong *see* Zhihong Liu
Liu Zhijing, Xue Zhijun, Hao Yue A study of the multiobjective optimization design for circuit parameters 40817
Liu Zhijing *see* Hao Yue 367
Liu Zhijing *see* Zhao Yuanzhe 40818
Liu Zhikai *see* Huang Dading 30803
Liu Zhiyong *see* Zhiyong Liu
Liu Zhong, Zhu Zhiwen, Gong Yu, Gong Yaohuan Spatial filters having flat response and application in DOA estimation 15152

Liu Zhong *see* Chen Xinfeng 18143
Liu Zhonglin, Cao Mingcui, Li Hongpu, Wan Anjun, Li Zaiguang Designs of FET-SEED smart pixel photonic switching nodes 6428
Liu Zhonglin, Cao Mingcui, Li Hongpu, Wan Anjun, Li Zaiguang Transformations between optical banyan networks and perfect shuffle networks and their implementation 23627
Liu Zhongyong, Cai Bangwei, Lu Baida Perpendicular segmented wedge arrays used to obtain a uniform square focus spot of continuously variable size 3963
Liu Zhou *see* Ji Yanchao 38842
Liu Zhuo *see* Hang Fang 60247
Liu Zhuo *see* Ji Yanchao 50382
Liu Zhuo *see* Ji Yanchao 51107
Liu Zhuo *see* Pan Yi 38298
Liu Zhuo *see* Pun Yi 50375
Liu Zhuojun *see* Wu Jinzhao 52543
liu Zijun *see* Yang Zhenjiang 49646
Liu Ziwen *see* Ziwen Liu
Liu Zixin *see* Shi Junjie 2036
Liu Zun-Yi *see* Zun-Yi Liu
Liu Zunyi *see* Zhang Liqing 8812
Liu-Sheng Wang, Jambunathan, K., Dobbins, B.N., Shi-Ping He Measurement of three-dimensional surface shape and deformations using phase stepping speckle interferometry 48873
Liu-Sheng Wang, Krishnaswamy, S. Shape measurement using additive-subtractive phase shifting speckle interferometry 24282
Liuchen Chang *see* Hong Huang 20178
Liuchen Chang *see* Hong Huang 51782
Liuchen Chang *see* Idir, K. 19745
Liuqing Pei *see* Yanqing Chen 4419
Liusheng Liu, Bingxue Shi, Zhijian Li A switched-capacitor fuzzy processor 21475
Liuting Liu *see* Liu Liuting
Liutjering, G. *see* Nachtwei, G. 54191
Liuzhong Shi *see* Shi Liuzhong
Livack, G.S. *see* Chang, G.C. 59923
Livadaru, L. *see* Stincescu, R. 38739
Livage, J. Sol-gel chemistry and electrochemical properties of vanadium oxide gels 29592
Livens, S. *see* Scheunders, P. 15565
Livermore, C., Crouch, C.H., Westervelt, R.M., Campman, K.L., Gossard, A.C. The Coulomb blockade in coupled quantum dots 22422
Livermore, C., Crouch, C.H., Westervelt, R.M., Campman, K.L., Gossard, A.C. Conductance peak splitting in charge polarized coupled quantum dots 31992
Livescu, G. *see* Dutta, N.K. 48503
Livescu, G. *see* Lentine, A.L. 3660
Livescu, G. *see* Lentine, A.L. 33316
Livigni, D.J. *see* Jones, R.D. 55789
Livingston, J.N., Chien-Cheng Tung Bandwidth efficient PAM signaling using wavelets 14780
Livingston, J.N., Tung, C.-C. Wavelet basis for multi-channel modulation 34527
Livingston, J.N. *see* Chien-Cheng Tung 34521
Livingston, M. *see* Fuchs, H. 18220
Livingston, M.A. *see* State, A. 15495
Livingston, R.A., Krchnavek, R.R. Grazing angle planar diffraction grating for photonic wavelength demultiplexing 6741
Livingston, R.C. *see* Costa, E. 34057
Livingston, S. *see* Loo, R.Y. 58456
Livingstone, C.E., Barber, D.G., Spiring, F., Liu, W. The SIMMS'93 SAR polarimetry experiment: combined surface and airborne radar measurements for winter sea ice 8483
Livingstone, C.E., Gray, A.L., Vachon, P.W., Lalonde, M., Hawkins, R.K., Lukowski, T.I., Mattar, K., Campbell, J.W. The Canadian airborne R&D SAR facility: the CCRS C/X SAR 8533
Liviotti, E. *see* Erdos, P. 44969
Livnat, Y. *see* Han-Wei Shen 15575
Livny, M. *see* Venkataraman, S. 57864
Liwei Lin, Chun-Jung Chiu, Bache, W., Heckele, M. Microfabrication using silicon mold inserts and hot embossing 23071
Liwei Lin, Mu Chiao Electrothermal responses of lineshape microstructures 32569
Liwei Zhou *see* Zhou Liwei
Liwen Wu, Shiqiang Wei, Bing Wang, Wenhan Liu Interlayer microstructure of sputtered Mo/Si multilayers 54266
Liwu Lu *see* Lu Liwu
Lixia Guo *see* Guo Lixia
Lixia Zhang *see* Sugih Jamin 35436
Lixiang Yuan *see* He, G.S. 33397
Lixiao Yao *see* Yao Lixiao
Lixin Liu, Moore, G., Russell, R.D. Computation and continuation of homoclinic and heteroclinic orbits with arclength parameterization 40207
Lixin Ren *see* Ren Lixin
Lixin Song *see* Song Lixin
Lixin Zhu *see* Zhu Lixin
Lixing Gu *see* Gu Lixing
Lixing Ma *see* Ma Lixing
Lixing Xu *see* Yukun Yang 48512
Lixing Zhao *see* Ning Gu 42845
Lixue Wu, Zielinski, A., Bird, J.S. Lossless compression of hydroacoustic image data 48404
Liying Liu *see* Lei Xu 14340
Liying Shen *see* Shen Liying
Liying Zhou *see* Zhou Liying
Liyuan Li, Jian Gong, Winan Chen Gray-level image thresholding based on Fisher linear projection of two-dimensional histogram 57198
Liyuan Li *see* Li Liyuan
Liyun Zhong, Wenbi Zhang, Bingheng Xiong, Qiming Yang, Ailing Gong Study on making a photoresist relief hologram with expection groove depth 44814
Liyun Zhong *see* Bingheng Xiang 44790
Liyun Zhong *see* Zhong Liyun
Lizana, P. *see* Jansen, C. 7760
Lizarraga, M.G. *see* Luan Lin Lee 5658
Lizarraga, M.G. *see* Luan Ling Lee 5602
Lizhi Zhong, Siveski, Z. A parallel one-shot decorrelator structure for an asynchronous multiuser channel 34876
Lizhi Zhu *see* Zhu Lizhi
Lizhong Hu *see* Hu Lizhong
Lizhong Zhu, Taylor, B., Jarmuszewski, P. RF lumped-notch filter design for FCC compliance testing of wireless radio modems 41290
Lizhong Zhu, Yihong Qi A novel approach to evaluating the gain-bandwidth potential of antennas 34190
Lizhong Zhu *see* Yihong Qi 34412
Lizotte, T., Ohar, O., O'Keefe, T., Kelly, C. Stable beam delivery expands excimer laser use 44339
Lizotte, T.E. *see* Engelsberg, A.C. 32193
Lizunov, V.D. *see* Kopytov, V.V. 48918
Lizzi, F.L., Astor, M., Tian Liu, Cheri Deng, Coleman, D.J., Silverman, R.H. Ultrasonic spectrum analysis for tissue assays and therapy evaluation 37867
Lizzi, F.L. *see* Songhvi, N.T. 18506
Ljashchuk, O.B. *see* Kolodiy, B.I. 45095
Ljepojevic, N.N. *see* Cai, M. 14601
Ljokelsoy, K. *see* Runde, M. 51426
Ljosa, E. Distance education – a response to social needs or technology in search of application? 46886
Ljubicic, A. *see* Franz, A. 36445
Ljung, L. *see* Gustafsson, F. 45946
Ljung, L. *see* Niu, S.S. 583
Ljungberg, K. *see* Bengtsson, S. 12707
Ljungcrantz, H. *see* Hultman, L. 696
Ljungkrona, L. *see* Liu, J. 53827
Llacer, J. *see* Vitria, J. 35037
Llados-Bernaus, R., Stevenson, R.L. Reduction of coding artifacts in video compression 15779
Llados-Bernaus, R., Stevenson, R.L. Robust low-bit-rate 3-D subband codec 58051
Lladro, R.C. *see* Arnau, S.C. 7166
Llebaria, A. *see* Viton, J.-L. 28102
Lleida, E., Rose, R.C. Efficient decoding and training procedures for utterance verification in continuous speech recognition 15045
Llewellyn, D.J. *see* Belay, K.B. 21308
Llewellyn, D.J. *see* Belay, K.B. 52681
Llewellyn, J.P. *see* Lewis, T.J. 43449
Llewellyn, T.J. *see* Bauer, C. 37326
Llewellyn, T.J. *see* Bauer, C. 37378
Llewellyn Smith, C.H. The LHC project 36996
Llewellyn Smith, C.H. The LHC project 49046
Llewellyn-Jones, D.T. *see* Yong Xue 8386
Llibre, J.-F., Matt, D. High performance Vernier reluctance magnet machine. Application to electric vehicle 51808
Llinas, J. *see* Hall, D.L. 27510
Llopis, J.-L. *see* Pottier, B. 21574
Llopis, R.E., Ramos de Campos, J.A., Sochacki, J. Phase retardation for Gaussian beam homogenizer: geometrical design and its verification 55793
Llopis, R.P., Sachdev, M. Low power, testable dual edge triggered flip-flops 11329
Llopis, R.P. *see* Velasco, A.J. 11035
Llorens, J.C. *see* Duret, D. 8292
Llorens, M.L. *see* Sancha, J.L. 50300
Lloret, S. *see* Inaudi, D. 17406
Lloubtsev, R.I. *see* Polyakov, A.S. 19502
Lloyd, A. Applications of hard and soft ferrites 32815
Lloyd, B.A. *see* Stone, G.C. 9170
Lloyd, B.A. *see* Stone, G.C. 60677
Lloyd, C.J., Mizukami, M., Boyce, P.R. A preliminary model of lighting-display interaction 39369
Lloyd, D.A. *see* Srinivasan, E. 40615
Lloyd, D.J. *see* Gupta, A.K. 10933
Lloyd, E.J. *see* Liu, C.T. 43291
Lloyd, E.J. *see* Rafferty, C.S. 42410
Lloyd, E.L. *see* Blair, J.R.S. 21420
Lloyd, J. *see* Mahn, J. 29279
Lloyd, J.D. *see* Williamson, S. 29327
Lloyd, J.D. *see* Yue Li 29742
Lloyd, J.R. *see* Chaplin, C.P. 8459
Lloyd, L. The Ovid Web Gateway creates sophisticated search opportunities on the World Wide Web 6063
Lloyd, M., Barbagallo, D. Finding your way around, or how the world was one [Internet] 16236
Lloyd, N.G., Pearson, J.M., Romanovsky, V.A. Computing integrability conditions for a cubic differential system 10503
Lloyd, P. *see* Luke, D.G. 36610
Lloyd, S. Capacity of the noisy quantum channel 45487
Lloyd, S. *see* Kalogirou, S. 60604
Lloyd, T.B. *see* Azimi, H.R. 249
Lloyd, T.B. *see* Pearson, R.A. 20899
Lloyd, T.B. *see* Pearson, R.A. 39782
Lloyd-Jones, T.J., Humphreys, G.W., Broekdorff, N. Computational modelling of visual similarity effects on object categorisation and naming: a study of face learning 57544
Lo, A. *see* Lai, R. 4462
Lo, B. *see* Harada, K. 12700
Lo, C. *see* Lin, K. 32794
Lo, C.-C., Chiu, C.-Y. The design of a fault-tolerant ATM networks 46589
Lo, C.-K. *see* Hsu, L.-S. 43672
Lo, C.W. *see* Lo, W.K. 22150
Lo, C.W. *see* Tanenbaum, D.M. 22701
Lo, D. *see* Chao Ye 13987
Lo, D. *see* Lai, R. 36117
Lo, D.C.W. *see* Wang, H. 11721
Lo, E.H. *see* Bogorodzki, P. 28293
Lo, H.B. *see* Lai, P.T. 42423
Lo, I. *see* Dai, Y.T. 42091
Lo, I. *see* Kono, J. 32041
Lo, J. *see* Tsang, C. 43675
Lo, J.T.-H., Lei Yu Adaptive neural filtering by using the innovations process 53501
Lo, J.Y., Baker, J.A., Koruguth, P.J., Floyd, C.E., Jr. Computer-aided diagnosis of mammography: artificial neural networks for optimized merging of standardized BIRADS features 59563
Lo, J.Y. *see* Floyd, C.E., Jr. 49447
Lo, K.-T. *see* Feng, J. 15657
Lo, K.L., Alammari, R., El-Khatroushi, H., Tumay, M. Reactive power planning incorporating system security 8835
Lo, K.L., El-Khatroushi, H., Alammari, R., Tumay, M., Buamud, M.S. Power system analysis of polyphase network in direct phase quantities 8743
Lo, K.L., Hilal, H. Power system transient stability analysis via Lyapunov direct method including AVR 19167
Lo, K.L., Mustafa, M.W. Coherency based equivalent for assessment of system stability 19204
Lo, K.L., Peng, L.J., Macqueen, J.F., Ekwue, A.O., Cheng, D.T.Y. Hybrid approach using counter-propagation neural network for power-system network reduction 60197
Lo, K.L. *see* Baki, S.R.S. 28843
Lo, K.L. *see* Tso, S.K. 60254
Lo, N.R., Berg, E.C., Quakkelaar, S.R., Simon, J.N., Tachiki, M., Hee-Jung Lee, Pister, K.S.J. Parameterized layout synthesis, extraction, and SPICE simulation for MEMS 2875
Lo, S.-C.B. *see* Jyh-Shyan Lin 28142
Lo, S.-H., Buchanan, D.A., Taur, Y., Wang, W. Quantum-mechanical modeling of electron tunneling current from the inversion layer of ultra-thin-oxide nMOSFET's 54648
Lo, S.H. *see* Lee, C.K. 40263
Lo, S.W.A. *see* Burr, A.G. 35958
Lo, T., Leung, H., Litva, J. Separation of a mixture of chaotic signals 15404
Lo, T., Litva, J. RADARSAT antenna elevation pattern restoration 34367
Lo, T. *see* Carrier, J.-Y. 45715
Lo, T. *see* Ralston, J.D. 33522
Lo, T.K., Chun-On Ho, Hwang, Y., Lam, E.K.W., Lee, B. Miniature aperture-coupled microstrip antenna of very high permittivity 24571
Lo, W.K., Parthasarathy, G., Lo, C.W., Tanenbaum, D.M., Craighead, H.G., Isaacson, M.S. Titanium nitride coated tungsten cold field emission sources 22150
Lo, Y.-H. *see* Christenson, G.L. 36113
Lo, Y.H., Tran, A.T.T.D., Zhu, Z.H., Christenson, G.L. Integrated micro-optical interferometer arrays 44044
Lo, Y.H. *see* Christenson, G.L. 13547
Lo, Y.H. *see* Ejeckam, F.E. 36554
Lo, Y.H. *see* Ejeckam, F.E. 40419
Lo, Y.H. *see* Qian, Y. 23901
Lo, Y.H. *see* Tran, A.T.T.D. 26724
Lo, Y.H. *see* Tran, A.T.T.D. 43371
Lo, Y.H. *see* Tran, A.T.T.D. 58746
Lo, Z. *see* Moosbrugger, P.J. 56175
Lo, Z. *see* Sharma, R. 14947
Lo Bello, L. *see* Cavalieri, S. 6048
Lo Bello, L. *see* Cavalieri, S. 6263
Lo Bello, L. *see* Cavalieri, S. 47059
Lo Bello, L. *see* Cavalieri, S. 47060
Lo Bello, L. *see* Di Stefano, A. 16299
Lo Bello, L. *see* Di Stefano, A. 26236
Lo Bianco, C.Guarino *see* Guarino Lo Bianco, C.
Lo Bianco, G., Honorati, O., Mezzetti, F. Small-size stand alone wind energy conversion system for battery-charging 19644
Lo Bue, M., Bertotti, G. Temperature dependence of hysteresis loops in non-oriented SiFe alloys 23301
Lo Chi-Chun *see* Chi-Chun Lo
Lo Cigno, R. *see* Ajmone Marsan, M. 25882
Lo Cigno, R. *see* Ajmone Marsan, M. 35408
Lo Cigno, R. *see* Marsan, M.A. 5858
Lo Curto, G. *see* Pandey, S.U. 37293
Lo Fook Loong *see* Fook Loong Lo
Lo Hao-Yung *see* Hao-Yung Lo
Lo Hoi-Kwong *see* Hoi-Kwong Lo
Lo Ikai *see* Ikai Lo
Lo Jien-Chung *see* Jien-Chung Lo
Lo Kwok-Tung *see* Kwok-Tung Lo
Lo Ming-Jer *see* Hsu Wan-Pau 60239
Lo Nigro, S. *see* Aiello, S. 1483
Lo Nigro, S. *see* Aiello, S. 49328
Lo Presti, D. *see* Russo, G.V. 18137

Lo Rong-Chin *see* Rong-Chin Lo
Lo Russo, G., Porta, M., Bersia, N., Manione, R. TMN OS validation and testing via thorough agent emulation 35612
Lo Russo, G., Porta, M., Bersia, N., Manione, R. TMN OS validation and testing via thorough agent emulation 46936
Lo Shih-Chung Ben *see* Shih-Chung Ben Lo
Lo Ta-Chun *see* Ta-Chun Lo
Lo Tai-Chin *see* Tai-Chin Lo
Lo Taichin *see* Zhan Changqing 13181
Lo Wai Chau *see* Wai Chau Lo
Lo Yu-Kang *see* Yu-Kang Lo
Loa, I. *see* Siegle, H. 31829
Loader, I.M. *see* Cui, Z. 42829
Loaec, J. *see* Brosseau, C. 13295
Loaec, J. *see* Brosseau, C. 32610
Loane, J.T., Tanner, D.R. General constrained lens or reflector equations with relation to the Abbe sine condition 34279
Lobachenko, M.B., Belyaeva, L.M., Novikov, E.V. Development of computerized methods for estimation of peripheral blood circulation under screening investigations 49386
Lobachenko, M.B. *see* Shorokh, G.P. 49387
Lobachenko, N.I. *see* Shorokh, G.P. 49387
Lobachev, V.V., Fedorov, I.A. Questions of complex parametric optimization of a supersonic CW chemical HF laser 23753
Lobachev, V.V. *see* Bashkin, A.S. 44365
Lobachyov, K., Richter, H.J. Combined cycle gas turbine power plant with coal gasification and solid oxide fuel cell 38632
Lobanov, N. *see* Kibedi, T. 49148
Lobanov, V. *see* Badura, E. 37241
Lobashev, V.M. *see* Djilkibaev, R.M. 17926
Lobato-Lopez, F., Silva-Martinez, J., Sanchez-Sinencio, E. A very fast CMOS artificial cellular neural network 1664
Lobbia, R.N. *see* Stubberud, S.C. 15234
Lobejko, W. *see* Bledowski, H. 26371
Lobejko, W. *see* Bromirski, M. 35861
Lobel, P., Pichot, Ch., Blanc-Feraud, L., Barlaud, M. Conjugate gradient algorithm with edge-preserving regularization for image reconstruction from experimental data 35062
Lobet-Maris, C., van Bastelaer, B. Belgium, a laboratory for Europe: the federal model and the information society 26342
Lobina, A. *see* Macchiarella, G. 41399
Lobitz, D.W., Rice, T.M., Grossman, J.W., Allen, J.J., Chen Liang, Davidson, F.M. Shape control of solar collectors using torsional shape memory alloy actuators 20062
Lobkova, L.M., Protsenko, M.B. Analysis of input resistance on asymmetric loop vibrator with a ramified structure 4380
Lobkova, L.M., Protsenko, M.V. Research results of the characteristics of the radiation of an asymmetrical loop vibrator with a ramified structure 4375
Lobl, H. *see* Bergmann, R. 11837
Lobl, H. *see* Rogler, R.-D. 19428
Lobl, H.P. *see* Balkenende, A.R. 58940
Lobo, A. *see* Kaltofen, E. 21018
Lobo, A.F., Sethi, A.S. A cooperative congestion management scheme for switched high-speed networks 57744
Lobo, N.A. Curve fitting using spline sections of different orders 40152
Lobo, N.da Vitoria *see* da Vitoria Lobo, N.
Lobo, P.W. *see* Brito, P. 32632
Lobo Ribeiro, A.B. *see* Ferreira, L.A. 7368
Lobo Ribeiro, A.B. *see* Rao, Y.J. 17417
Lobo Ribeiro, A.B. *see* Rao, Y.J. 48571
Loboda, M.J., Camilletti, R.C., Goodman, L.A., White, L.K., Pinch, H.E., Shaw, J., Patel, V.K., Wu, C.P., Adema, G.M. Chip scale packaging with high reliability for MCM applications 52233
Loboda, M.J., Camilletti, R.C., Goodman, L.A., White, L.K., Pinch, H.L., Shaw, J., Patel, V.K., Wu, C.P., Adema, G.M. Chip scale packaging with high reliability for MCM applications 310
Loboda, M.J., Camilletti, R.C., Goodman, L.A., White, L.K., Pinch, H.L., Wu, C.P. Manufacturing semiconductor integrated circuits with built-in hermetic equivalent reliability 2748
Lobos, T. *see* Kostyla, P. 4778
Lobova, G.N. *see* Kismereshkin, V.P. 4372
Lobova, G.N. *see* Kismereshkin, V.P. 24603
Lobry, J. Use of group theory in symmetrical 3-D eddy-current problems 4198
Lobstein, A.C. *see* Cohen, G.D. 56293
Locatelli, C. *see* Reschiglian, P. 40870
Locatelli, M.L. *see* Morvan, E. 42417
Locatelli, T. *see* Liberati, D. 49718
Locci, E. *see* Alexeev, G. 59200
Locci, N. *see* Attainnese, C. 19187
Loccisano, S., Mejail, M., Jacobo-Berlles, J. Morphological approach to multiband synthetic aperture radar (SAR) image segmentation 16902
Loch, P. *see* Ferguson, M.I. 37283
Lochard, J.P. *see* Martinez, E. 49350
Lochel, B., Maciossek, A. Electrodeposited magnetic alloys for surface micromachining 2863
Lochel, B., Maciossek, A., Rothe, M., Windbracke, W. Microcoils fabricated by UV depth lithography and galvanoplating 13172
Locher, M., Johnson, G.A., Hunt, E.R. Spatiotemporal stochastic resonance in a system of coupled diode resonators 11158
Locher, M.R. *see* Bartter, W.D. 47266
Locher, M.R. *see* Yakoob, N.A. 26321
Locher, R. *see* Behr, D. 30751
Locher, R. *see* Francz, G. 1993
Locher, R. *see* Samlenski, R. 41881
Locher, R.E. 1600 V BIMOSFET™ transistors expand high voltage applications 2666
Lochot, Ch., Roboam, X., Maussion, P. A new direct torque control strategy for an induction motor with constant switching frequency operation 51801
Lochschmidt, B. *see* Sorin, C. 46959
Lochtefeld, A. *see* Yang, I.Y. 22967
Lochter, M. *see* Neubauer, O. 48842
LoCicero, J.L. *see* Zdunek, K.J. 35967
Lock, J.A. Scattering of a diagonally incident focused Gaussian beam by an infinitely long homogeneous circular cylinder 45162
Lock, J.A. Morphology-dependent resonances of an infinitely long circular cylinder illuminated by a diagonally incident plane wave or a focused Gaussian beam 45163
Lock, R.K., Jr. Transients: The next market to tap [wireless services] 57757
Lock Kang Weng *see* Weng Lock Kang
Lock Lee Laurie *see* Laurie Lock Lee
Locke, M.C. *see* Amazeen, C.A. 8620
Locke, S.C. *see* Fraughnaugh, K. 463
Lockett, R.A. *see* Baker, I.M. 36656
Lockey, R.A. *see* James, S.W. 36638
Lockhart, J. *see* Buchman, S. 7545
Lockhart, R.F. *see* Boulter, B.T. 39447
Lockhart, R.W. Data acquisition by sampling at variable frequency 7213
Lockledge, J., Geidter, D., Mitchell, L., Go, P. An Internet based learning environment 20503
Lockman, D., Mukai, H. Newton's method for optimization with probabilistic estimation 40103
Lockner, T.L. *see* Slutz, S.A. 59109
Lockwood, D.J. *see* Sullivan, B.T. 2282
Lockwood, G.R., Foster, F.S. Design of sparse array imaging systems 18364
Lockwood, G.R., Turnball, D.H., Christopher, D.A., Foster, F.S. Beyond 30 MHz [applications of high-frequency ultrasound imaging] 18263
Lockwood, P., Lu, S., Martin, C. A model for binocular vision 15700
Lockwood, P. *see* Dufour, S. 26549
Lockwood, S.J. *see* Kent, S.D. 18953
Lodahl, P., Srensen, J.L., Polzik, E.S. High efficiency second harmonic generation with a low power diode laser 55899
Lodder, J.C. Magnetic thin films for high-density recording 3204
Lodder, J.C. Magnetic structures in Co-Cr media for perpendicular magnetic recording 3218
Lodder, J.C. *see* Atkinson, R. 13438
Lodder, J.C. *see* Durkan, C. 43660
Lodder, J.C. *see* Kambersky, V. 3190
LoDestro, V. *see* Alessi, J.G. 49196
Lodge, J. Design and realization of efficient sharp cut-off half-band filters 45970
Lodge, J. *see* Guinand, P. 4547
Lodge, J.H. *see* Boudreau, D. 45972
Lodge, J.H. *see* Guinand, P.S. 58145
Lodge, J.H. *see* Patenaude, F. 47823
Lodge, J.H. *see* Sablatash, M. 45966
Lodge, J.H. *see* Sablatash, M. 56250
Lodi, G., McDowall, J., Rosellini, S. VRLA battery aging characteristics 51465
Lodwig, A. *see* Hudde, H. 17877
Lodygin, A.N. *see* Kasherininov, P.G. 59195
Loe, D.L., Rowlands, E. The art and science of lighting: a strategy for lighting design 39366
Loe, Y.-C., Lee, C.-H., Lin, C.-C., Yang, C.-M., Lin, C.-C., Lu, K.L., Yang, J.J. Tracing metal defect relating to yield for VLSI manufacturing 42656
Loe Kyoung-Min *see* Kyoung-Min Loe
Loeb, G.E. *see* Troyk, P.R. 18532
Loeb, J. *see* Walters, R. 6100
Loebel, M. Design and installation of, and initial experience with, semi-conductor gas sensor fire alarm equipment in coal handling plant 39692
Loeber, D.A.S., Redwing, J.M., Anderson, N.G., Tischler, M.A. Light emission properties of GaN-based double heterostructures and quantum wells 14178
Loeber, G., Vukson, S.P., Erbacher, J.K. Nickel-metal hydride (Ni-MH) technology evaluation for aircraft battery applications 18670
Loechel, B., Demmeler, A.R., Rothe, M., Bruenger, W., Fehlberg, S., Gruetzner, G. Application of optical lithography for high aspect ratio microstructures 23052
Loechel, B., Maciossek, A. Electrodeposited magnetic alloys for surface micromachining 43622
Loechelt, G.H. *see* Blakey, P.A. 54563
Loecher, M. *see* Johnson, G.A. 31070
Loecherbach, E. *see* Priotti, P. 26392
Loechol, B. *see* Gruetzner, G. 42844
Loef, C. *see* van der Broeck, H. 51707
Loehneysen, H.v. *see* Blaschette, A. 31785
Loehneysen, H.v. *see* Madel, O. 54048
Loeliger, H.-A., Mittelholzer, T. Convolutional codes over groups 24683
Loenen, E.J.van *see* van Loenen, E.J.
Loerzer, M. *see* Hansen, D. 14627
Loew, G.A. Review of electron-positron linear colliders 37027
Loew, G.A. *see* Ruth, R.D. 49165
Loew, G.A. *see* Wang, J.W. 49051
Loew, M. *see* Chang, I. 5354
Loewe, W. *see* Cohen, C.E. 60003
Loewen, R. *see* Ruth, R.D. 49165
Loewen, R.J. *see* Miller, R.H. 49048
Loewen, R.J. *see* Seidel, M. 49050
Loewen, R.J. *see* Wang, J.W. 49051
Loewenhardt, P. *see* Ye, Y. 54477
Loewenhardt, P.K., Hanawa, H., Ma, D.X., Salzman, P., Chuc, K., Sato, A., Todorov, V., Yin, G.Z. Ion current flux and ion energy distribution studies of the DPS metal etch source 54478
Loewenhardt, P.K. *see* Ma, D.X. 54530
Loewenstein, J.C. *see* Saude, I. 27761
Loewenstein, L.M., Krishnan, S., Brown, G.A. Damage during ashing: a characterization of several modern ashers 42806
Lof, C.-G. Packet delay for CSMA and multi-channel ALOHA multicast schemes in WLANs with fading and co-channel interference 47054
Loffeld, O., Hein, A. SAR processing by 'inverse scaled Fourier transformation' 16867
Loffeld, O., Tewes, J. FM-rate estimation from azimuth chirp data 16870
Loffeld, O. *see* Arndt, C. 34987
Loffeld, O. *see* Arndt, C. 34988
Loffeld, O. *see* Ganser, T. 39338
Loffeld, O. *see* Klaus, F. 16926
Loffeld, O. *see* Kramer, R. 16871
Loffeld, O. *see* Kramer, R. 16874
Loffeld, O. *see* Li, J. 33766
Loffeld, O. *see* Scherer, M. 39337
Loffler, M.J., Kruse, J., Weise, Th.H.G.G., Krumm, H., Juhl, G., Dammann, C.J., Heeg, M., Reiner, G. An all-electric vehicle technology demonstrator with a 35-mm electrothermal gun system 38184
Loffler, M.J., Weise, T.H.G.G., Berg, A. A modular 300-kJ capacitive pulsed power supply system for the Swedish ETC programme 33880
Loffler, M.J. *see* Weise, T.H.G.G. 33866
Loffler, R. *see* Heidrich, H. 47997
Loffler, T. *see* Pfeifer, T. 3445
Loffler, T. *see* Pfeifer, T. 58968
Loffler, W. Telecommunication systems with least-cost routing look for connection at the most favourable cost 16137
Lofgren, M. Modeling of the microwave surface impedance of current biased $YBa_2Cu_3O_{7-\delta}$ thin films 32888
Lofstedt, L. *see* Bojsen, J. 18173
Lofstrom, K. Early capture for boundary scan timing measurements 43174
Loftness, M.O. Power line RF interference–sounds, patterns, and myths 50571
Loftstrom, K. A demonstration IC for the P1149.4 mixed signal test standard 41352
Logachev, V.A., Pashev, G.P. Estimation of linear frequency drift coefficient of frequency standards 17185
Logachev, V.A. *see* Demidov, N.A. 27277
Logachev, V.A. *see* Kozlov, S.A. 27275
Logan, B.T. *see* Cook, G.D. 15143
Logan, C.L., Krim, H., Willsky, A.S. A matched-filter method for motion-compensated spotlight-mode SAR processing 26964
Logan, D.A. *see* Pepyne, D.L. 60129
Logan, G.D., Radcliffe, D.F. Potential for use of a House of Quality matrix technique in rehabilitation engineering [wheelchair customized seating] 49803
Logan, J. *see* Noworolski, J.M. 12717
Logan, J.A. *see* Terris, B.D. 22629
Logan, J.R. *see* Noworolski, J.M. 32570
Logan, M. *see* Lang Rong 36207
Logan, R. *see* Crabbe, E. 43063
Logan, R.A. *see* Hybertsen, M.S. 33485
Logan, R.A. *see* Morton, P.A. 36126
Logan, R.A. *see* Shih, M.-H. 36155
Logan, R.T., Jr. Photonic radio-frequency synthesizer 58364
Logashenko, I.B., Akhmetshin, R.R., Grigoriev, D.N., Letunov, V.S., Smakhtin, V.P., Yudin, Yu.V. Performance of the BGO luminosity monitor of the CMD-2 detector 37034
Logashenko, I.B. *see* Akhmetshin, R.R. 37253
Logashenko, I.B. *see* Aksenov, G.A. 36440
Logatchev, A.A. *see* Chaly, A.M. 22148
Logatchev, P.V. *see* Aleksandrov, A.V. 49205
Logeay, Y., Bose, A., Cukalevski, N., Handschin, E. Requirements for a new generation of simulators to train dispatchers in a changing control environment 8788
Loger, R.L. *see* Ferry, J.A. 49294
Loggins, B., Jacobsen, E. Digital gain control with simple amplifier topologies 31125
Loginov, A.L. *see* Vasil'ev, N.F. 18543
Loginov, A.L. *see* Vasil'ev, N.F. 18544
Loginov, A.V. *see* Akimov, A.E. 34983
Logofatu, C. *see* Grigorescu, C.E.A. 48565
Logothetidis, S., Barborica, A. In-situ and real time room temperature oxidation studies of fcc TiN thin films 42500
Logothetis, A., Krishnamurthy, V. An adaptive hidden Markov model/Kalman filter algorithm for narrowband interference suppression with applications in multiple access communications 5804

Logothetis, A., Krishnamurthy, V. De-interleaving of superimposed quantized autoregressive processes 25145
Logothetis, A. *see* Skafidas, E. 25237
Logothetis, E.M. *see* Brailsford, A.D. 27716
Logothetis, E.M. *see* Brailsford, A.D. 36768
Logothetis, J. *see* Howard, J. 34460
Logothetis, M., Kokkinakis, G. A path bandwidth allocation scheme for hierarchical telecommunication networks 35554
Logrippo, L. *see* Courtiat, J.-P. 5851
Logrippo, L. *see* Faci, M. 46980
Logsdon, J.H. *see* Pak, J.J. 36516
Logue, F.P., Fewer, D.T., Hewlett, S.J., Heffernan, J.F., Jordan, C., Rees, P., Donegan, J.F., McCabe, E.M., Hegarty, J., Taniguchi, S., Hino, T., Nakano, K., Ishibashi, A. Optical measurement of the ambipolar diffusion length in a ZnCdSe-ZnSe single quantum well 31970
Logue, F.P., Rees, P., Heffernan, J.F., Jordan, C., Donegan, J.F., Hegarty, J., Hiei, F., Ishibashi, A. Effect of Coulomb enhancement on optical gain in (Zn,Cd)Se/ZnSe multiple quantum wells 23984
Logue, J.E. *see* Macomber, S.H. 55727
Logvenov, G.Yu. *see* Seng, P. 43814
Logvin, A.I., Kozlov, A.I. Optimum processing of combination of polarized signal and noise 27016
Logvinenko, A.I. *see* Matveyev, A.Ya. 27041
Logvinov, G.N., Zakordonets, V.S. Thermoelectric figure of merit of bounded semiconductors 31738
Logvinov, G.N. *see* Gurevich, Yu.G. 31740
Logvinov, G.N. *see* Zakordonets, V.S. 54010
Loh, D. *see* Yip, T.G. 7221
Loh, T.H., Miyamoto, T., Takada, T., Koyama, F., Iga, K. Design and characterization of InAsP/InP/GaInP short-period superlattices for long-wavelength multi-quantum barrier grown by chemical beam epitaxy 41938
Loh, W. *see* Prasad, S. 42604
Loh, W.H., Butterworth, S.D., Clarkson, W.A. Efficient distributed feedback erbium-doped germanosilicate fibre laser pumped in 520 nm band 3713
Loh, W.H., de Sandro, J.P., Cowle, G.J., Samson, B.N., Ellis, A.D. 40 GHz optical-millimetre wave generation with a dual polarisation distributed feedback fibre laser 44394
Loh, W.H., Harutjunian, Z., Samson, B.N., Laming, R.I. Intracavity-pumped distributed feedback erbium fiber laser 23810
Loh, W.H., Laming, R.I., Zervas, M.N., Farries, M.C., Koren, U. Novel hybrid single frequency semiconductor laser with erbium fibre-based external cavity 14220
Loh, W.H., Samson, B.N., de Sandro, J.P. Intensity profile in a distributed feedback fiber laser characterized by a green fluorescence scanning technique 14013
Loh, W.H. *see* Cole, M.J. 26779
Loh, W.H. *see* Kringlebotn, J.T. 17434
Loh, W.W. *see* Pinheiro, P.A.T. 46241
Loh Horng-Hai *see* Horng-Hai Loh
Lohbeck, D. The CE marking: Separating fact from fiction 39735
Loheac, J.-L., Raoult, F., Bonnaud, O., Taurin, M. Analysis for the reliability of the intrinsic base ion implantation of a 3 GHz I^2L bipolar process from the measure of integrated resistances: From the results, setting of rules for an expert system 1281
Loheide, S. *see* Buse, K. 14442
Loher, T., Tomm, Y., Klein, A., Su, D., Pettenkofer, C., Jaegermann, W. Highly oriented layers of the three-dimensional semiconductor CdTe on the two-dimensional layered semiconductors $MoTe_2$ and WSe_2 747
Loher, T. *see* Klein, A. 42060
Lohlein, O. Detection of linear objects for synthetic vision applications 16855
Lohmann, A.W. Optical geometrical transformations used for parallel communication 55351
Lohmann, A.W., Arrizon, V. Computer-generated pseudo-deep holograms 4106
Lohmann, A.W., Ojeda-Castaneda, J., Diaz-Santana, L. Fractional Hilbert transform: optical implementation for 1D objects 25651
Lohmann, A.W. *see* Andres, P. 57139
Lohmann, A.W. *see* Garcia, J. 15841
Lohmann, A.W. *see* Reinhorn, S. 44748
Lohmann, D.R. Simple technique modulates extended-interaction devices 41795
Lohmeier, M. *see* Van Kranenburg, H. 42636
Lohmeier, S.P., Sekelsky, S.M., Firda, J.M., Sadowy, G.A., McIntosh, R.E. Classification of particles in stratiform clouds using the 33 and 95 GHz polarimetric cloud profiling radar system (CPRS) 50062
Lohmeyer, M., Shamonin, M., Hertel, P. Boundary conditions for the finite difference beam propagation method based on plane wave solutions of the Fresnel equation 23539
Lohmeyer, M. *see* Shamonin, M. 33079
Lohn, J. *see* Koza, J.R. 52978
Lohndorf, M. *see* Born, A. 22663
Lohner, A., Franz, O., Vomfelde, M. Parallel connection of power rectifier modules with very high power factor for railway applications 51791
Lohner, A., Meyer, T., Nagel, A. A new panel-integratable inverter concept for grid-connected photovoltaic systems 9135
Lohner, R. Progress in grid generation via the advancing front technique 635
Lohner, R. Automatic unstructured grid generators 40262
Lohner, T. *see* El-Sherbiny, M.A. 12650
Lohninger, G. Doppler module KMY 24: radar sensor detects motion and direction 16906
Lohninger, G., Schopf, K.J. Automatic light switch based on Doppler module KMY 24: motion makes a room light up 31560
Lohr, A. *see* Becker, W. 55903
Lohr, G. *see* Schlipf, M. 30987
Lohr, J. *see* Callis, R.W. 22178
Lohrengel, M.M. *see* Genz, O. 9503
Lohrmann, D., Newsome, G. The relationship of PCU to MRTD 17526
Lohrmann, E. *see* Bartel, W. 37084
Lohrmann, U.H. *see* Chin, S.H. 56449
Lohrum, M. *see* Bruck, J. 5755
Lohse, J.J. The facilitation of integrated product development on the Common Test Station 38198
Loi, K.K., Mei, X.B., Tu, C.W., Chang, W.S.C. High efficiency 1.3 μm multiple quantum well electroabsorption waveguide modulators for microwave photonic links 58351
Loi, K.K. *see* Liao, H.H. 58352
Loi Duy Vu ATM-based local area networks–the COSY-concept 47134
Loiacono, G.M. *see* Risk, W.P. 13673
Loiacono, G.M. *see* Risk, W.P. 33070
Loida, A. *see* Quinones, J. 38514
Loidl, A. *see* Hartmann, G.K. 8419
Loiez, E., Taillibert, P. Analog systems diagnosis: modeling with temporal bands 52936
Loika, S.L. Intermodulation receiving channels in active PA 4763
Loika, S.L., Mordachev, V.I. Effective selectivity of the linear stochastic phased array with random arrangement of the elements 34394
Loiko, N.A., Novikova, O.P. Influence of incoherent optical feedback on noise in a semiconductor laser 55599
Loiko, Yu.V. *see* Voitovich, A.P. 3697
Loiko, Yu.V. *see* Voitovich, A.P. 13925
Loisel, B. *see* Bosc, D. 23545
Loisy, F. *see* Dorr, R. 19525
Loizou, P., Spanias, A. Improving discrimination of confusable words using the divergence measure 34652
Loizou, P.C., Spanias, A.S. High-performance alphabet recognition 14871
Lojo, M.P. Designing effective service contracts 39683
Lok, J.G.S. *see* Strijbos, R.C. 44587
Lok, T.M., Lehnert, J.S. Efficient approximations in DS/SSMA communication systems with general linear modulation and error control coding 57603
Lokberg, O.J., Seeberg, B.E., Vestli, K. Microscopic video speckle interferometry 4098
Lokberg, O.J. *see* Rustad, R. 14419
Lokberg, O.J. *see* Vikhagen, E. 33751
Loke, A.L.S., Changsup Ryu, Yue, C.P., Cho, J.S.H., Wong, S.S. Kinetics of copper drift in PECVD dielectrics 12570
Loke, R.K.S. *see* Oommen, B.J. 57081
Loken, L. Fume extraction for electronics assembly and repair operations 39695
Lokhande, C.D. *see* Killedar, V.V. 31901
Lokhande, C.D. *see* Killedar, V.V. 40499
Lokhanin, A.K. *see* Lindroth, A. 8856
Lokhanin, A.K. *see* Lindroth, A. 8857
Lokk, E.G. *see* Vashkovskii, A.V. 55032
Lokken Hansen, G. *see* Sundsbo, I. 25742
Lokker, J.P., Jongste, J.F., Janssen, G.C.A.M., Radelaar, S. Isothermal stress relaxation in Al, AlCu and AlVPd films 42789
Lokker, J.P., Kalkman, A.J., Schellevis, H., Janssen, G.C.A.M., Radelaar, S. Mechanical behaviour during thermal cycling of AlVPd line patterns 42728
Lokker, J.P. *see* Jongste, J.F. 40647
Lokos, S. *see* Henderson, A.J. 18942
Loktev, S.M., Lyndin, N.M., Sychugov, V.A., Usievich, B.A. Light propagation in a system of bended single-mode waveguide and straight multimode waveguide with higher refractive index 33061
Lola, I. *see* Gromov, G. 38476
Lolgen, P. *see* Bergmann, R.B. 39084
Lolgen, P. *see* Bergmann, R.B. 40589
Lolgen, P. *see* Brendel, R. 29639
Lolgen, P. *see* Burgers, A.R. 12868
Lollman, D. *see* Bandet, J. 31834
Lollo, M. *see* Dainelli, A. 49138
Lollo, M. *see* Fioretto, E. 59283
Lolos, G.J., Huber, G.M., Alexa, L.C., Farzanpay, F., Iurescu, M., Papandreou, Z., Weinerman, A., Leone, A., Perrino, R., Garibaldi, F., Jodice, M. Performance and design characteristics for the Hall A aerogel Cherenkov counters 59197
Lomaev, M.J. *see* Tarasenko, V.F. 23737
Loman, U. *see* Grianik, M. 56142
Lomartire, A. Electrical safety in maintenance operations 20776
Lomas, D.G. *see* Hatfield, J.V. 18132
Lomas, M. *see* Crispo, B. 56275
Lomas, M. *(editor)* Security Protocols. International Workshop Proceedings 39599
Lomascolo, M. *see* Calcagnile, L. 42111
Lomascolo, M. *see* Cingolani, R. 33547
Lomasov, V.N. *see* Afanas'ev, M.M. 12366
Lomasov, V.N. *see* Afanas'ev, M.M. 12366
Lomax, A. *see* Douma, H. 8354
Lomax, R.J. *see* Brown, R.B. 41214
Lombard, C., Mazaudier, M., Berthon, A. A DSP control of a soft switching inverter for an electromagnetic damper of vibrations 51173
Lombard, P. *see* Taghezout, D. 61130
Lombard, X., Therond, P.G. Control of unified power flow controller: comparison of methods on the basis of a detailed numerical model 60304
Lombard, X. *see* Joncquel, E. 50514
Lombardi, A., Bassato, G., Battistella, A., Bellato, M., Bezzon, G., Bisoffi, G., Canella, S., Cavenago, M., Cervellera, F., Chiurlotto, F., Comunian, M., Cortese, R., Facco, A., Favaron, P., Fortuna, G., Moisio, M.F., Palmieri, V., Pengo, R., Pisent, A., Poggi, M., Porcellato, A.M., Ziomi, L., Kulik, I. The new superconducting positive ion injector for the Legnaro ALPI booster 37117
Lombardi, A. *see* Bisoffi, G. 49154
Lombardi, A. *see* Bourgeois, M. 49273
Lombardi, A. *see* Dainelli, A. 49138
Lombardi, A. *see* Feschenko, A.V. 37134
Lombardi, A. *see* Fortuna, G. 49069
Lombardi, A. *see* Haseroth, H. 49278
Lombardi, A. *see* Palmieri, V. 49140
Lombardi, A.M., Tanke, E. Design and beam tests of an RFQ to accelerate a lead ion beam from a laser ion source 49088
Lombardi, A.M. *see* Charmot, H. 49026
Lombardi, A.M. *see* Lapostolle, P. 49087
Lombardi, F. *see* Chen, X.T. 13089
Lombardi, F. *see* Huang, W.K. 21620
Lombardi, F. *see* Jeon, Y. 47362
Lombardi, F. *see* Park, N. 31673
Lombardi, F. *see* Porta, A. 37816
Lombardi, F. *see* Porta, A. 49636
Lombardi, F. *see* Salinas, J. 5844
Lombardi, F. *see* Shen, Y.-N. 1382
Lombardi, F. *see* Tong Liu 32514
Lombardi, G. *see* Babich, F. 4252
Lombardini, F., Lombardo, P. Maximum likelihood array SAR interferometry 48057
Lombardini, F. *see* Gini, F. 58417
Lombardini, F. *see* Lombardo, P. 48078
Lombardo, A., Palazzo, S., Schembra, G. Modeling service activation in a multimedia environment 58020
Lombardo, A. *see* La Corte, A. 6328
Lombardo, P. DPCA processing for SAR moving targets detection in the presence of internal clutter motion and velocity mismatch 48060
Lombardo, P., Lombardini, F. Optimum dual baseline SAR cross-track interferometry 48078
Lombardo, P. *see* Lombardini, F. 48057
Lombardo, P. *see* Oliver, C.J. 16837
Lombardo, S., Campisano, S.U. Electrical and optical properties of semi-insulating polycrystalline silicon thin films: the role of microstructure and doping 31783
Lombardo, S., Raineri, V., La Via, F., Iacona, F., Campisano, S.U., Pinto, A., Ward, P. Ge ion implantation in Si for the fabrication of Si/Ge_xSi_{1-x} heterojunction transistors 22526
Lombardo, S., Raineri, V., Portoghese, R., Campisano, S.U., Pinto, A., La Rosa, G., Ward, P. Characterization of Si/Ge_xSi_{1-x} heterojunction bipolar transistors formed by Ge ion implantation in Si 32367
Lombardo, S. *see* Coffa, S. 42368
Lombardo, S. *see* Spinella, C. 31756
Lome, L.S., Morookian, J.-M., Monacos, S., Bergman, L.A. WDM requirements for high-performance testbeds 6805
Lomelin, M. *see* Kopec, G.E. 57229
Lomer, M. *see* Lopez-Higuera, J.M. 50813
Lomheim, T.S. *see* Cooke, B.J. 17527
Lomonosov, B.N. *see* Afonin, A.G. 37086
Lomonosov, B.N. *see* Aleksandrov, K.V. 17352
Lomonosov, M.N. *see* Akimov, A.E. 34983
Lomov, A.A. *see* Valiev, K.A. 55376
Lomova, L.A. *see* Chultem, D. 37164
Lomsadze, A.V. *see* Lyapin, S.G. 22353
Lomtadze, T.A. *see* Cervelli, F. 37455
Lonard, D. *see* Dahler, P. 9668
Loncaric, S., Dhawan, A.P. Morphological signature transform and applications 57130
Loncaric, S. *see* Cosic, D. 37695
Lonchakov, A.T. *see* Tsidil'kovskii, I.M. 31849
Loncol, Th., Greffe, J.L., Vynckier, S., Scalliet, P. Entrance and exit dose measurements with semiconductors and thermoluminescent dosemeters: a comparison of methods and in vivo results 59846
London, G. *see* Aleksan, R. 59201
Lone, J.S. *see* Cesarsky, C.J. 36548
Long, A.C. *see* Gramling, C.J. 49845
Long, A.P. *see* Buck, B.J. 53650
Long, A.P. *see* Devlin, L.M. 58116
Long, A.R. *see* Rahman, M. 42535
Long, A.R. *see* Skuras, E. 32001
Long, B.J. *see* Hildenbrand, D.J. 24399
Long, C. *see* Sian, S.S. 58342
Long, C.-F. *see* Jean, F.R. 7112
Long, D. *see* Rice, M. 6037
Long, D.E. *see* Kapur, S. 11123
Long, D.G. Radar backscatter measurement accuracy for spaceborne scanning pencil-beam scatterometers 8470

Long, D.G., Daum, D.R., Hardin, P.J. Spatial resolution enhancement of SSM/I data: vegetation studies of the Amazon Basin 8530
Long, D.G., Jarrett, B., Arnold, D.V., Cano, J. BYU SAR: a low cost compact synthetic aperture radar 19002
Long, D.G., Reed, R., Arnold, D.V. Statistics of radar backscatter from wind waves 8479
Long, D.G., Spencer, M.W. Performance analysis for the SeaWinds scatterometer 8428
Long, D.G., Spencer, M.W. Radar backscatter measurement accuracy for a spaceborne pencil-beam wind scatterometer with transmit modulation 28629
Long, D.G. *see* Johnson, P.E. 8452
Long, D.G. *see* Oliphant, T.E. 8450
Long, D.G. *see* Oliphant, T.E. 8453
Long, D.G. *see* Reed, R. 8504
Long, D.G. *see* Spencer, M.W. 28630
Long, D.G. *see* Thompson, D.G. 8342
Long, G.J. *see* Vandormael, D. 32812
Long, H. *see* Garvey, T. 49193
Long, H.Q., Chan, C.F., Ghoy, C.S. An injection-locked oscillator standard cell 53070
Long, J.R., Copeland, M.A. The modeling, characterization, and design of monolithic inductors for silicon RF IC's 41490
Long, K.W. *see* Hung, M.Y.Y. 21401
Long, L.R. *see* Thoma, G.R. 15429
Long, M.L., Carroll, J.J., Mukundan, R. Adaptive control of active magnetic bearings under unknown static load change and unbalance 9155
Long, M.W. Low cost Doppler ratio detection radar with interclutter visibility 16905
Long, N. *see* Love, G. 31636
Long, P. *see* Daschner, W. 23629
Long, P.G., Price, T.P.W. Scanning height gauge: on-line inspection of packaging 39872
Long, R. *see* Ropp, M.E. 51606
Long, R. *see* Scott, P.M. 52195
Long, R.L., Curry, J.J. Performance challenges in the 1990s and beyond [nuclear plants] 38541
Long, S. *see* Becker, W. 55903
Long, W.F. *see* Pilotto, L.A.S. 38322
Long, W.F. *see* Ying, J. 19203
Long, X.-C., Brueck, S.R.J. Electrooptic effect and second-order optical nonlinearity in poled silica fibers 23477
Long, X.-C., Myers, R.A., Brueck, S.R.J. Poled electro-optic fiber 13628
Long Biqi *see* Biqi Long
Long Chu-Sieng *see* Chu-Sieng Long
Long Diguang *see* Wang Jieping 53055
Long Hongwei *see* Hongwei Long
Long Kewei *see* Cao Xiaoning 38447
Long Lee Shiang *see* Shiang Long Lee
Long Li *see* He Mincai 58742
Long Puhui, Zhao Rongchun A new texture segmentation method based on visual perception and phase feature 5440
Long Qi *see* Qunfeng Zou 49541
Long Quan, Cao Li, Wu Da-Jin, Li Zai-Guang Correlation between additive noises induced first-order phase transition in a two-mode laser 44594
Long Shieh Chan *see* Chan Long Shieh
Long Shuyao *see* Lin Jinmu 21200
Long Wan, Natarajan, S. Experimental verification of variable gain CCII-K circuits and modeling of AD844 41303
Long Wang *see* Argoitia, A. 21221
Long Zhou *see* Zhou Long
Long-Ching Wang *see* Kuang-Yao Pong 2349
Long-Ji Lin *see* Shang-Hung Lin 15965
Long-Sheng Ma *see* Jun Ye 27378
Long-Sheng Ma *see* Jun Ye 55302
Long-Shuh Lin, Hsiao-Fan Wang Factor selections for a system development process 47680
Longair, M.S. *see* Cesarsky, C.J. 36548
Longanbach, J., Moorchead, E., Styles, G., Vimalchand, P. Transport reactor development gives a boost to US coal-fired plant 38617
Longbottom, J.U. *see* Hamilton, S.E. 17098
Longcheen Huwang *see* Akman, O. 52329
Longhai Chen *see* Chen Longhai
Longhai Kuang *see* Kuang Longhai
Longhe Sun *see* Liqing Wan 4980
Longhe Sun *see* Sun Longhe
Longhi, A. *see* Rossi, P. 18092
Longhi, S. *see* Taccheo, S. 14019
Longinotti, D.B. *see* Friedman, A. 59103
Longinotti, D.B. *see* Newton, M.A. 59105
Longinov, V.D. *see* Aleshin, Y.D. 18124
Longley, N.P. *see* Allison, W.W.M. 37269
Longmire, A.J. *see* Romaine, S.E. 28538
Longo, A. *see* Colyer, B. 44984
Longo, E. $PbWO_4$ calorimeter in CMS 37442
Longo, E. *see* Baccaro, S. 37459
Longo, E. *see* Bueno, P.R. 13052
Longo, E. *see* Leite, E.R. 938
Longo, E. *see* Muccillo, R. 21223
Longo, E. *see* Pianaro, S.A. 53704
Longo, L. *see* Fujimori, I. 41269
Longo, M., Lops, M. OS-CFAR thresholding in decentralized radar systems 6913
Longo, M. *see* Di Bisceglie, M. 24653
Longo, M. *see* Lovergine, N. 40395
Longo, M. *see* Mazzer, M. 40479
Longo, P. *see* Wagner, A. 12798
Longo, R. *see* Arfelli, F. 37666
Longo, R. *see* Arfelli, F. 49329
Longo, R. *see* Arfelli, F. 59555
Longo, S. *see* Martins, J.E. 35801
Longobardi, G. *see* Hoffer, L.M. 15969
Longoni, A. *see* Fasoli, L. 59306
Longoni, A. *see* Gauthier, C. 59190
Longsderff, R.W. *see* Bienert, W.B. 9998
Longsen Fang *see* Fang Longsen
Longstaff, I.D. *see* Stickley, G.F. 8617
Longstreet, M. *see* Jeng, S.J. 22775
Longworth, H. *see* Perfecto, E.D. 301
Longxing Pan *see* Pan Longxing
Longya Xu, Li Zhen, Eel-Hwan Kim Field orientation control of a doubly excited brushless reluctance machine 29712
Longya Xu *see* Hsin-Kuo Lin 38682
Longya Xu *see* Jianrong Bu 29313
Longya Xu *see* Li Zhen 9615
Longya Xu *see* Li Zhen 39273
Loni, A. *see* Arrand, H. 33092
Loni, A. *see* Canham, L.T. 3640
Loni, A. *see* Simons, A.J. 33285
Loni, A. *see* Thonissen, M. 44174
Loning, A. *see* Lippens, P. 5022
Lonkhuijzen, J.van *see* van Lonkhuijzen, J.
Lonn, H., Snedsbol, R. Efficient synchronisation, atomic broadcast and membership agreement in a TDMA protocol 25937
Lonnestad, T. *see* Yang, L. 18201
Lonobile, D. *see* Kremens, R.L. 36384
Lonsdale, A., Schofield, N. An integrated low cost sensor for the direct torque control of brushless DC motors 29820
Lontis, R. *see* Bezerianos, A. 49632
Loo, F.L. *see* Choi, W.K. 31868
Loo, J.H.Y., Wai-Yip Chan, Kabal, P. Classified nonlinear predictive vector quantization of speech spectral parameters 14975
Loo, R. *see* Hartmann, A. 790
Loo, R. *see* Kruger, M. 33257
Loo, R. *see* Langen, W. 2715
Loo, R. *see* Souifi, A. 2174
Loo, R.Y., Tangonan, G.L., Yen, H.W., Jones, V.L., Ng, W.W., Lewis, J.B., Lee, J.J., Livingston, S. Photonics for phased array antennas 58456
Look, D.C., Sizelove, J.R., Keller, S., Wu, Y.F., Mishra, U.K., DenBaars, S.P. Accurate mobility and carrier concentration analysis for GaN 54085
Look, D.C. *see* De Salvo, G.C. 32127
Look, D.C. *see* DeSalvo, G.C. 12761
Look, D.C. *see* Fang, Z.-Q. 12612
Look, D.C. *see* Lareau, R.T. 12333
Look, D.C. *see* McGregor, D.S. 37313
Look, D.C. *see* Morkoc, H. 12362
Look, D.C. *see* Schuermeyer, F. 54702
Loomes, D. *see* Sewell, J.I. 31367
Loomis, H.H., Jr. *see* Soderstrand, M.A. 34121
Looney, M.S., Kleppe, J.A. Entrepreneurship in electrical engineering education 20600
Loong, C.-K. The phonon densities of states of AlN and ZrN 12288
Loong, W.-A., Chen, T.-C., Shy, S.-L., Tseng, J.-C., Lin, R.-j. $TiSi_x$ as a new embedded material for attenuated phase shift mask 2463
Loong Lo Fook *see* Fook Loong Lo
Loong Wen-An *see* Wen-An Loong
Looper, M.D. *see* Koga, R. 23275
Loore, B.De *see* De Loore, B.
Loos, A.C. *see* Kranbuehl, D. 11003
Loos, H. *see* Dobert, S. 37145
Loos, R. *see* Alexeev, G. 59200
Loose, G. Standards--a user's perspective 29994
Loose, M., Meier, K., Schemmel, J. A camera with analog adaptive photoreceptors for a tactile vision aid 35140
Loosen, P. *see* Hertzler, C. 13934
Looze, D.P. *see* Pepyne, D.L. 60129
Loparo, K.A. *see* Praprost, K.L. 8752
Lopata, J. *see* Belenky, G.L. 55605
Lopata, J. *see* Brener, I. 11677
Lopata, J. *see* Dutta, N.K. 44458
Lopata, J. *see* Freeman, P.N. 26699
Lopata, J. *see* Partovi, A. 3354
Lopata, J. *see* Ren, F. 2403
Lopath, P. *see* Hynynen, K. 8102
Lopatin, V., Noskov, M.D., Badent, R., Kist, K., Schwab, A.J. Experimental study and simulation of positive predischarge phenomena in insulating oil 32729
Lopatin, V. *see* Kukhta, V. 23135
Lopatin, V. *see* Noskov, M. 23136
Lopatkin, A.V. *see* Shvedov, O.V. 7762
Lope, M.A. *see* Aguilar, J.J. 35319
Lopera, J.F.Gomez *see* Gomez Lopera, J.F.
Lopera, J.M. *see* Pernia, A.M. 51319
Lopes, A., Bruniquel, J., Sery, F. Optimal summation and whitening filter for speckle reduction in multilook polarimetric and multitemporal SAR image processing 16916
Lopes, A. *see* Nezry, E. 48066
Lopes, A. *see* Sery, F. 58437
Lopes, A. *see* Touzi, R. 16872
Lopes, J.A.P. *see* Nogaret, E. 19648
Lopes, J.A.Pecas *see* Pecas Lopes, J.A.
Lopes, L. *see* Barret, S. 47614
Lopes, L. *see* Barrett, S. 35953
Lopes, L.A.C., Joos, G., Boon-Teck Ooi A PWM quadrature booster phase-shifter for FACTS 8855
Lopes, L.A.C., Joos, G., Boon-Teck Ooi A PWM quadrature-booster phase shifter for AC power transmission 28861
Lopes, L.A.C., Joos, G., Ooi, B.-T. PWM AC controller-based phase-shifters 19853
Lopes, L.B. *see* Law, A. 35956
Lopes, M.I. *see* Araujo, H.M. 36565
Lopez, A. *see* Garcia, J.L. 3170
Lopez, A. *see* Montano, J.C. 8802
Lopez, A.R. Performance predictions for cellular switched-beam intelligent antenna systems 6591
Lopez, C. *see* Dorrio, B.V. 17766
Lopez, D. *see* Koizumi, Y. 22739
Lopez, E. *see* Alcala, E.M. 7276
Lopez, E. *see* Alcala, E.M. 43625
Lopez, E. *see* Alonso, J.M. 9716
Lopez, E. *see* Blanco, C. 39396
Lopez, E. *see* Blanco, C. 51830
Lopez, E. *see* Favieres, C. 3193
Lopez, E. *see* Gonzalez, M. 51473
Lopez, E. *see* Martinez, J.A. 60906
Lopez, E. *see* Prieto, J.L. 7536
Lopez, E. *see* Rodriguez, M. 3070
Lopez, E.D. Dispersion process of electromagnetic waves in a moving medium 45173
Lopez, E.J. *see* Alonso, J.I. 53674
Lopez, F. *see* Martin, J.M. 17393
Lopez, F. *see* Meneses, J. 3555
Lopez, F.J. *see* Carrasco, R.A. 4460
Lopez, F.V. *see* Allison, W.W.M. 37269
Lopez, G. Constant of heat conduction and stabilization of bus bar conductor 13522
Lopez, J. *see* Gonzalez, M. 51473
Lopez, J. *see* Larson, J.D., III 23432
Lopez, J. *see* Mawst, L.J. 44551
Lopez, J. *see* Mawst, L.J. 44565
Lopez, J. *see* Syrbu, A.V. 3846
Lopez, J. *see* Yang, H. 24011
Lopez, J. *see* Yang, H. 55729
Lopez, J.C.M. Power systems teaching at Universidad Simon Bolivar, Venezuela 19090
Lopez, J.E., Perez, J.M., Orrite, C. Redistribution orthoses for metatarsalgia treatment: design based on high resolution pedobarography 37882
Lopez, J.F., Sarmiento, R., Eshraghian, K., Nunez, A. Noise margin enhancement in GaAs ROM's using current mode logic 41155
Lopez, J.F., Sarmiento, R., Nunez, A., Eshraghian, K. High performance GaAs pseudo dynamic class of logic 11390
Lopez, J.F., Sarmiento, R., Nunez, A., Eshraghian, K. A 2 ns/660 mW GaAs 5 kbit ROM using low leakage current FET circuit (L2FC) 53287
Lopez, J.F. *see* Esper-Chain, R. 58081
Lopez, J.M., Boria, V.E., Baquero, M., Ferrando, M. A generalized method for two dimensional scattering problems under TE incidence with the use of spectral techniques 24465
Lopez, J.M. *see* Esteban, H. 33922
Lopez, J.R. *see* Cristobal, G. 34994
Lopez, M. *see* Ishikawa, T. 10817
Lopez, M.A., Mehta, D.P. Efficient decomposition of polygons into L-shapes with applications to VLSI layouts 32500
Lopez, M.A. *see* Birurakis, W. 18995
Lopez, M.A. *see* Gomez, F. 37446
Lopez, M.F. *see* Gutierrez, A. 30914
Lopez, M.J., Wood, S.C. Performance models of systems of multiple cluster tools 30155
Lopez, O. *see* Gomez, J.M. 53336
Lopez, O.A., McKittrick, J., Shea, L.E. Fluorescence properties of polycrystalline Tm^{3+}-activated $Y_3Al_5O_{12}$ and Tm^{3+}-Li^+ co-activated $Y_3Al_5O_{12}$ in the visible and near IR ranges 55405
Lopez, O.A. *see* Hirata, G.A. 55166
Lopez, O.A. *see* Hirata, G.A. 55416
Lopez, R. *see* Colmenarez, A. 56639
Lopez, R. *see* Huang, T.S. 5255
Lopez, R. *see* Lopez-Higuera, J.M. 50813
Lopez, R. *see* Zamanillo, J. 5953
Lopez, S., Sanchez, I., Sanchez, C., Aviles, D. Establishment of the volt at CENAM of Mexico 17149
Lopez Aligue, F.J. *see* Macias Macias, M. 21433
Lopez Ardao, J.C. *see* Lopez Garcia, C. 36198
Lopez de Silanes, M.C. *see* Parra, M.C. 525
Lopez De Victoria, F. *see* Johnson, C.R., Jr. 6488
Lopez Garcia, C., Vinyes Sanz, J., Suarez Gonzalez, A., Lopez Ardao, J.C. Speeding up the simulation of an FDDI network 36198
Lopez-Amo, M. *see* Vizoso, B. 35760
Lopez-Buedo, S. *see* Boemo, E.I. 1303
Lopez-Buedo, S. *see* Boemo, E.I. 11305
Lopez-Eguilaz, M.J., Perez, S. The measurement of technology transfer: situation in Spain 52073
Lopez-Fidalgo, J., Santos-Garcia, G. Hidden Markov models in automatic speech recognition. A speaker-independent application to a vocabulary of Spanish words 56381
Lopez-Garcia, A. *see* Alonso, R. 37290
Lopez-Higuera, J.M., Cobo, A., Morante, M.A., Echevarria, J., Arce, J.L., Lomer, M., Lopez, R. New low cost fiber optic accelerometer system for stator winding monitoring of hydroelectric generating machines 50813
Lopez-Lago, E. *see* Linares, J. 13642
Lopez-Lagunas, A. *see* Cross, J. 36175
Lopez-Lagunas, A. *see* Vendier, O. 36171
Lopez-Lagunas, A. *see* Wills, D.S. 3657
Lopez-Lopez, M. *see* Luyo-Alvarado, J. 2140
Lopez-Luna, E. *see* Garcia-Rocha, M. 52707

Lopez-Marcos, M.A., Sanz-Serna, J.M., Skeel, R.D. Explicit symplectic integrators using Hessian-vector products 40186
Lopez-Mateos, F. *see* Dufour, J. 935
Lopez-Miranda, J.R. *see* Escalante-Ramirez, B. 35326
Lopez-Ortiz, A., Schuierer, S. Generalized streets revisited 15881
Lopez-Otero, L. *see* Fahrenbruch, A.L. 38989
Lopez-Quintela, M.A. *see* Vaqueiro, P. 13427
Lopez-Rivera, S.A., Martinez, L., Fontal, B., Scqueda, F. Magneto-optic and infrared study of $(Y_{3-y}Ce_y)(Fe,Ga)_5O_{12}$ garnet films. I. Effect of variable Ce content and heat pulse annealing 32816
Lopez-Roldan, J., Braun, J.M., Densley, J., Fujimoto, N. The development of electrical trees in epoxy insulation–partial discharge pulse characterization by ultra wideband techniques 43527
Lopez-Romero, J.M. *see* Drullinger, R.E. 27253
Lopez-Salvans, M.Q. *see* Puente, C. 14715
Lopez-Villanueva, J.A. *see* Gamiz, F. 2635
Lopez-Villanueva, J.A. *see* Roldan, J.B. 43002
Lopez-Villanueva, J.A. *see* Roldan, J.B. 54137
Lopez-Villanueva, J.A. *see* Roldan, J.B. 54655
Lopez-Villegas, J.M. *see* Benrakkad, M.S. 12201
Lopota, V., Tarasov, S., Vasiliev, A., Shemanin, Y., Zaborovski, V. New phase of RUSnet project: migration towards regional intelligent information infrastructure 16245
Lopresti, D. *see* Russo, G.V. 7196
LoPresto, S.M., Ramchandran, K., Orchard, M.T. Wavelet image coding using rate-distortion optimized backward adaptive classification 57363
Lops, M. *see* Conte, E. 58418
Lops, M. *see* Conte, E. 58419
Lops, M. *see* Longo, M. 6913
Lopukhina, E.M., Semenchukov, G.A., Labutina, A.A. Salient-pole condenser motor 19729
Lopukhina, E.M. *see* Izosimov, D.B. 29315
Lopukhina, Ye.M. *see* Izosimov, D.B. 60746
Loques Filho, O.G. *see* Fraga, J. 57852
Lora, C.S., Alcala, J.M. The control of the d.c. motor under load 19758
Lora-Tamayo, E. *see* Cane, C. 27704
Lora-Tamayo, E. *see* Perell, C. 155
Lorberth, J. *see* Protzmann, H. 40340
Lorch, F. *see* Clinchot, D.M. 8053
Lorch, R., Monich, G. Mode suppression in TEM cells 45226
Lord, A. *see* Firth, W.J. 55876
Lord, E., Shand, D.J., Cantle, A.J. Real time scene generator [for hardware-in-the-loop simulation] 28531
Lord, E.A., Venkaiah, V.Ch., Sen, S.K. A shrinking polytope method for linear programming 497
Lord, J.S. *see* Kapusta, C. 3251
Lord, S. *see* Claveau, F. 17804
Lord, S.M. *see* Goldwein, C.H. 20589
Lord, S.M. *see* Kochhar, R. 7361
Lord, S.M. *see* Kochhar, R. 40428
Lord, S.M. *see* Theesfeld, C.J. 20588
Lord, W. *see* Young-Kil Shin 44922
Loredo, T.J. *see* Gregory, P.C. 34803
Loree, D.L. *see* O'Loughlin, J.P. 60868
Lorek, A. *see* Bednarek, B. 28018
Lorence, L.J. *see* Kensek, R.P. 28556
Lorents, D.C. *see* Moro, L. 42031
Lorentz, S.R. *see* Byrd, D.A. 17177
Lorentzen, B. Recognizing winning product ideas 20789
Lorentzen, R. The frequency assignment algorithm used in the mobile network planning tool MOBINETT 47813
Lorenz, C.H. *see* Morgan, V.L. 59407
Lorenz, D. *see* Burger, J. 29495
Lorenz, E. *see* Krawczynski, H. 37287
Lorenz, H.P., Schilling, W. Influence of process parameters on the size of the bias-nucleated area for diamond deposition with plasma-enhanced chemical vapour deposition 40602
Lorenz, J., Baccus, B., Henke, W. Three-dimensional process simulation 13096
Lorenz, J., Tietzel, K., Bourenkov, A., Ryssel, H. Three-dimensional simulation of ion implantation 12645
Lorenz, J. *see* Bar, E. 42646
Lorenz, J. *see* Bohmayr, W. 12956
Lorenz, L. *see* Amann, H. 31112
Lorenz, L. *see* Amann, H. 32420
Lorenz, L. *see* Rainmuth, K. 32402
Lorenz, M. *see* Kopperschmidt, P. 43753
Lorenz, R., Hafner, J. Magnetic structure and anisotropy of thin Fe films on Cu(001) substrates 23298
Lorenz, R., Sachwitz, M., Schreiber, H.J., Tonisch, F. Measurement of the beam position in the TESLA Test Facility Linac 49123
Lorenz, R.D. *see* Corley, M.J. 29683
Lorenz, R.D. *see* Jansen, P.L. 29306
Lorenz, R.D. *see* Jansen, P.L. 60695
Lorenz, R.D. *see* Ryan, M.J. 60853
Lorenz, T.A. How to survive the US patent application process 30086
Lorenz, W.J. *see* Debus, J. 59405
Lorenzelli, F., Wang, A., Korompis, D., Hudson, R., Yao, K. Subband processing for broadband microphone arrays 15325
Lorenzelli, F., Wang, A., Yao, K. Broadband array processing using subband techniques 25035
Lorenzelli, F., Yao, K. Arrays of randomly spaced sensors 24887
Lorenzelli, F. *see* Wang, A. 28442
Lorenzelli, F. *see* Wang, A. 28686
Lorenzelli, F. *see* Wang, A. 34645
Lorenzelli, L. *see* Cambiaso, A. 18930
Lorenzelli, L. *see* Grattarola, M. 58864
Lorenzen, H.W. *see* Rosenbauer, F. 42943
Lorenzen, H.W. *see* Schottler, R.M. 51622
Lorenzen, U. Avoidance of burst noise in digital electronic circuits 53097
Lorenzi, A.De *see* De Lorenzi, A.
Lorenzi, G. *see* Allegrini, M. 907
Lorenzini, L. *see* Rogl, P. 26256
Lorenzini, L. *see* Vezzoli, L. 47329
Lorenzini, M., Rudan, M., Baccarani, G. A dual gate flash EEPROM cell with two-bits storage capacity 1374
Lorenzini, P. *see* Calleja, E. 44213
Lorenzo, E. Photovoltaic rural electrification 50859
Lorenzo, E. *see* Caamano, E. 19619
Lorenzo, E. *see* Pariente, F. 7443
Lorenzo, J.P. *see* Davis, A. 22607
Lorenzo, M.E., Rappaport, C.M., Pino, A.G. A bifocal reflector antenna with Gregorian configuration 34236
Lorenzo, M.N., Marino, I.P., Perez-Munuzuri, V., Matias, M.A., Perez-Villar, V. Synchronization waves in arrays of driven chaotic systems 1173
Lorenzo, M.N. *see* Matias, M.A. 21518
Lorenzo Matilla, S. *see* Dominguez Vazquez, J.A. 51235
Loreti, S. *see* Prosini, P.P. 30865
Lorfevre, E. *see* Allenspach, M. 22866
Lorgere, I., Grelet, F., Ratsep, M., Tian, M., Le Gouet, L., Sigel, C., Roblin, M.L. Spectral phase encoding for data storage and addressing 3327
Lori, L., Redi, P., Ruzinsky, M. Grid connected photovoltaic supply units for railway applications 51759
Lori, L., Redi, P., Ruzinsky, M. Power conditioning for photovoltaic supply units for railway applications 61251
Loriga, F. *see* Larciprete, N. 53477
Lorin, A. *see* Gautier, E. 23693
Lorinczi, A. *see* Iovu, M. 42004
Lorinczi, A. *see* Popescu, M. 42083
Loring, C.M. *see* Chu, T.S. 12100
Loriol, D., Francois, B., Degobert, P. A DSP interface device for control algorithms implementation in the scope of power systems 60908
Loris Vendrame *see* Canali, C. 2593
Lorke, A. *see* Rotter, M. 55339
Lorke, A. *see* Varma, S. 30809
Lorkowski, H.J. *see* Biebricher, M. 23544
Loron, L. *see* Taoutaou, D. 38724
Lortscher, M. Directed return traction current routing: earthing conditions and magnetic fields in single-phase railway installations 20174
Lortz, D., Gregory, R. Machine vision halves time spent on can double-seam inspections 17546
Lorusso, A., De Micheli, E. An approach to obstacle detection and steering control from optical flow 25776
Lorusso, A. *see* Eggert, D.W. 46328
Lorusso, G. *see* Ambrico, M. 10865
Lorusso, G. *see* Ambrico, M. 21359
Lorusso, G. *see* La Scala, M. 19108
Lorusso, G.F. *see* Capozzi, V. 12401
Lorys, K. *see* Kutlowski, M. 57883
Los', S.V., Sytin, A.N., Tishin, G.V. An analysis of the requirements and choice of data acquisition electronics in the BARS particle detector 18135
los Reyes, E.de *see* de los Reyes, E.
los Santos Vidal, O.de *see* de los Santos Vidal, O.
Losantos, P. *see* Cane, C. 27704
LoSasso, T. *see* Ling, C.C. 8088
Losch, K. Potential and implementation of optical technologies for high bitrate short distance interconnects 16738
Loschner, I. *see* Didenko, L. 42869
Losee, J. *see* Tepper, G. 37408
Losert, E. *see* Meier, K. 11951
Losert, M. Implementation of a $TE_{22,6}$-mode exciter and measurements on quasioptical mode converters 12092
Losert, M. *see* Pereyaslavets, M. 41786
Losev, L.L., Lutsenko, A.P. Ultrabroadband parametric stimulated Raman scattering in a highly transient regime 4082
Losev, L.L., Soskov, V.I. High-contrast ratio subpicosecond Nd:glass laser with Raman master oscillator 23848
Losev, S.A. *see* Kalynzhnyi, V.V. 33771
Losev, V.F., Panchenko, Yu.N. Spectral and spatial selection of XeCl laser radiation by an SBS mirror 44356
Losev, V.F. *see* Ivanov, N.G. 14250
Loshin, D.S. *see* Ho, J.S. 5212
Loshkareva, N.N. *see* Gizhevskii, B.A. 32153
Loshkareva, N.N. *see* Sukhorukov, Y.P. 23601
Losi, A., Rossi, F., Russo, M., Verde, P. Capability chart for the planning of reactive power sources 8832
Losi, A., Russo, M., Verde, P., Menniti, D. Capability chart for generator-transformer units 9197
Losiewicz, B.L. *see* Zissman, M.A. 14979
Losik, L. *see* Abedini, A. 8287
Losik, L. *see* Kronberg, F. 6033
Losing, M. *see* Clodius, D. 8797
Losleben, P. *see* Beck, T.J. 32528
Loslever, P. *see* Guerra, T.M. 432
Loss, D. *see* Geller, M.R. 42103
Lossmann, E. *see* Raja, A. 59703
Losson, E. *see* Koukab, A. 54279
Lossy, R., Reichert, W., Obermeier, E., Skorupa, W. Doping of 3C-SiC by implantation of nitrogen at high temperatures 54364
Lostak, P. *see* Drasar, C. 2091
Lostak, P. *see* Kulbachinskii, V.A. 54139
Lostia, S. *see* Vespasiani, G. 18180
Losurdo, G. *see* Luiten, A.N. 48500
Losurdo, M. *see* Bruno, G. 22601
Losurdo, M. *see* Bruno, G. 40361
Lotan, N. *see* Ashkenazi, G. 53823
Lotfalian, M. Modeling and simulation of power systems using PSPICE for power quality analysis 40825
Lotfi, V., Moon, I.D. Hybrid heuristics for conditional covering problems 52509
Lotfy, A.A., Abdelaziz, A.R., Hossam-Eldin, A.A. Effect of protection system failure on power network reliability evaluation 19050
Lothian, J.R. *see* Ren, F. 2403
Lothian, J.R. *see* Ren, F. 22589
Lothian, J.R. *see* Ren, F. 22793
Lothian, J.R. *see* Ren, F. 22876
Lothian, J.R. *see* Ren, F. 43103
Lotke, S.D. *see* Bhise, B.V. 22266
Lotke, S.D. *see* Patil, S.A. 2061
Lotkhov, S.V. *see* Ahlers, F.-J. 22894
Lotkhov, S.V. *see* Krupenin, V.A. 43163
Lototsky, S., Mikulevicius, R., Rozovskii, B.L. Nonlinear filtering revisited: a spectral approach 56474
Lototsky, S.V., Chuanxia Rao, Rozovskii, B.L. Fast nonlinear filter for continuous-discrete time multiple models 45827
Lototsky, S.V., Mikulevicius, R., Rozovskii, B.L. Nonlinear filtering revisited: a spectral approach. II 45825
Lotrian, J. *see* Elies, P. 7585
Lotshaw, W.T. *see* Feldman, S.F. 33026
Lott, C., Lapierre, O., Pouliquen, H. High-power voltage source PWM active filter with low switching effect 51187
Lott, J. *see* Dietrich, T. 38939
Lott, J.A., Hyun-Kuk Shin, Yong-Hee Lee Deep red vertical cavity surface emitting lasers with monolithically integrated heterojunction phototransistors for output power control 55423
Lott, J.W. *see* Vaughan, D.A. 1837
Lotti, F. *see* Aiazzi, B. 15621
Lotti, F. *see* Aiazzi, B. 28209
Lotti, F. *see* Aiazzi, B. 46347
Lotti, G. *see* Favati, P. 30551
Lottici, P.P. *see* Gennari, S. 10839
Lottici, V. *see* Bartoli, A. 16129
Lottici, V. *see* D'Andrea, A.N. 6479
Lottin, J. *see* Levin, J. 55987
Lottin, J.C., Desportes, H., Lesmond, C., Lyraud, C., Pes, C., Herve, A. Conceptual design of the CMS 4 Tesla solenoid 49316
Lottin, J.C. *see* Rey, J.M. 49267
Lottman, B.T., Frehlich, R.G. Evaluation of Doppler radar velocity estimators 60048
Lotufo, R., Jordan, R. Hands-on digital image processing 20670
Lotufo, R. *see* Jordan, R. 52042
Lotufo, R.A. *see* Marana, A.N. 57517
Lotz, J. *see* Gaddis, N. 1445
Lotze, W. ScanMax–a novel 3D coordinate measuring machine for the shop-floor environment 348
Lou, D.Y. *see* Yin, S. 55208
Lou, J.H., Kuo, J.B. A 1.5-V full-swing bootstrapped CMOS large capacitive-load driver circuit suitable for low-voltage CMOS VLSI 22976
Lou, J.H. *see* Yang, Y.K. 53010
Lou, K., Boehm, F., Busto, J., Farine, J., Gabathuler, K., Gervasio, G., Henrikson, H., Jorgens, V., Luscher, R., Paic, A., Schenker, D., Tadsen, A., Treichel, M., Vuilleumier, J.-L., Vuilleumier, J.-M. Recent results of the Gotthard TPC experiment 7818
Lou, S. *see* Nortrup, E. 39404
Lou, S.H. *see* Nghiem, S.V. 18874
Lou, W. *see* Thripurraneni, J.A. 15115
Lou, Y. *see* Freeman, A. 27011
Lou, Y. *see* Kim, Y. 8308
Lou, Y. *see* Kim, Y. 8347
Lou Caiyun, Zhong Shan, Lin Jun, Gao Yizhi A high repetition active-mode-locked tunable fibre ring laser 3724
Lou Dianqiang *see* Liu Guoyun 28864
Lou Hui-Ling *see* Hui-Ling Lou
Lou Kang-Ning *see* Kang-Ning Lou
Lou Lin *see* Lin Lou
Lou Qihong *see* Xiang Shiqing 33376
Lou Qihong *see* Xue Shaolin 3711
Lou Xinsheng *see* Zhou Huaichun 50771
Lou Xu, Gong Xinowu, Luo Jinsheng Analysis and fabrication of high-voltage insulated gate bipolar transistor 2616
Louage, S. *see* Blanchard, J.-L. 41606
Louail, L., Ounadjela, K., Stamps, R.L. Temperature-dependent thin-film cone states in epitaxial Co/Pt multilayers 55043
Loualiche, S. *see* Guillemot, C. 26445

Louati, K., Abida, W., Sadarnac, D. Analysis of the LCL-resonant converter operating above resonance 51374
Louazel, P. *see* Hyron, A. 47120
Loubaton, P. *see* Abed-Meraim, K. 25000
Loubaton, P. *see* Abed-Meraim, K. 34855
Loubaton, P. *see* Abed-Meraim, K. 45748
Loubaton, P. *see* Abed-Meraim, K. 56536
Loubaton, P. *see* Chevreuil, A. 25822
Loubaton, P. *see* Delfosse, N. 4866
Loubaton, P. *see* Delfosse, N. 25134
Loubaton, P. *see* Gorokhov, A. 25816
Loubaton, P. *see* Moulines, E. 25013
Loubet, G., Vial, F., Essebbar, A., Kopp, L., Cano, D. Parametric transmission of wide-band signals 48031
Loubet, G. *see* Capellano, V. 48035
Loubiere, A. *see* Meshkatoddini, M.R. 19802
Loubiere, A. *see* Meshkatoddini, M.R. 28957
Loubnin, E.N. *see* Kononenko, T.V. 43383
Loubriel, G.M., Aurand, J.F., Buttram, M.T., Zutavern, F.J., Helgeson, W.D., O'Malley, M.W., Brown, D.J. High gain GaAs photoconductive semiconductor switches for ground penetrating radar 48125
Loubriel, G.M. *see* Zutavern, F.J. 49073
Louca, L., Cook, T.A., Johnson, W.H. Implementation of IEEE single precision floating point addition and multiplication on FPGAs 21576
Louch, J. *see* Ingle, J.D., Jr 48624
Louchard, G. Probabilistic analysis of adaptative sampling 30459
Louchard, G., Szpankowski, W. On the average redundancy rate of the Lempel-Ziv code 24727
Loucif-Saibi, R. *see* Leray, I. 48710
Loucks, E.P. *see* Ghosh, B.K. 15701
Loucks, S.J. *see* Boehly, T.R. 14059
Loudin, J.A. *see* Kirsch, J.C. 38157
Loudon, R. *see* Jahanpanah, J. 33357
Loudot, S., Pouliquen, H., Meynard, T., Cheron, Y. Active current filter for MV/HV networks 50546
Loughin, S. *see* Cook, B.A. 31894
Loughin, S. *see* Vicente, F.A. 18689
Loughlin, B.J. *see* Gronowski, P.E. 1444
Loughlin, P. *see* Tacer, B. 24891
Loughlin, P.J., Redfern, M.S., Tacer, B. Time-varying characteristics of postural sway differ between balance impaired and unimpaired populations 18207
Loughlin, P.J., Tacer, B. Comments on the interpretation of instantaneous frequency 56532
Loughlin, P.J. *see* Tacer, B. 15290
Loughnot, D.J. *see* Croutxe-Barghorn, C. 55286
Loughry, T.A. *see* Freyer, G.J. 49913
Lougnot, D.-J. *see* Banyasz, I. 44763
Lougnot, D.-J. *see* Carre, C. 24265
Lougnot, D.J., Jost, P., Lavielle, L. Polymers for holographic recording: VI. Some basic ideas for modelling the kinetics of the recording process 55940
Lougnot, D.J. *see* Croutxe-Barghorn, C. 14430
Lougnot, D.J. *see* Zissi, S. 54535
Louhi, J.T., Raisanen, A.V. Dynamic shape of the depletion layer of a submillimeter-wave Schottky varactor 11711
Loui, A. *see* Kan, K.-S. 57637
Louie, A. *see* Hwang, H.H. 29169
Louie, A. *see* Hwang, H.H. 60623
Louie, A. *see* Hwang, H.H. 60624
Louie, A. *see* Kashyap, S. 36221
Louie, J.N. *see* Pullammanappallil, S.K. 50028
Louie, K.W. *see* Marti, J.R. 50924
Louis, A.K., Schuster, T. A novel filter design technique in 2D computerized tomography 7835
Louis, E. *see* Voorma, H.-J. 42852
Louis, J.P. *see* Barrenscheen, J. 60707
Louis, L. *see* Scharer, J.E. 1948
Louis, L.J., Joe, J., Scharer, J.E., Booske, J.H., Basten, M.A. Waveguide coupled rectangular grating periodic structure for low-voltage amplifiers 12117
Louis, L.J. *see* Basten, M.A. 17983
Louis, L.J. *see* Booske, J.H. 12118
Louis, N. *see* Glasser, F. 37338
Loukachine, K. *see* Bellia, G. 37463
Loukas, D. *see* Gauthier, C. 59190
Loukas, D. *see* Haralabidis, N. 28048
Loukas, N. *see* Passas, N.I. 26596
Loukas, N.H. *see* Vasilakos, A.V. 46601
Loukas, N.H. *see* Vasilakos, A.V. 46619
Loukil, I., Gossa, M., Chaari, A., Jemli, M., Jarray, K., Boussak, M. Induction machine parameters and state estimation using Kalman filter approach 9208
Loula, P. *see* Hirvonen, K. 59689
Loula, P. *see* Jaakkola, H. 18490
Loula, P. *see* Varri, A. 37810
Loulergue, A., Dowell, D.H., Joly, S., De Brion, J.P., Haouat, G., Schumann, F. Transverse and longitudinal emittance measurements in the ELSA linac 37088
Loulergue, J.C., Kien, D.P., Albert, O., Duijser, M., Etchepare, J. Time resolved nonlinear spectroscopy in $PbTiO_3$ ferroelectric: A^1- and E-symmetry phonon-polariton behavior 17850
Loulergue, J.C. *see* Bindner, P. 33055
Loulergue, J.C. *see* Boudrioua, A. 55238
Loulou, M., Traff, H., Marchegay, P. A 3 V second order sigma delta modulator using a pseudo bilinear switched current integrator 53365
Loum, G., Provent, P., Lemoine, J., Petit, E. A new method for texture classification based on wavelet transform 35360
Loumeau, P. *see* Oliaei, O. 11611
Lounasmaa, O.V. Medical applications of SQUIDs in neuro- and cardiomagnetism 37748
Lounela-Stenberg, L. *see* Perala, J. 18549
Loup, M., Beutel, R., Brakhan, W. Quality assurance in maintenance using as an example Neurath Power Station 19537
Lour, W.-S. High-gain, low offset voltage, and zero potential spike by InGaP/GaAs δ-doped single heterojunction bipolar transistor (δ-SHBT) 22787
Lour, W.-S., Tsai, J.-H., Liu, W.-C., Chen, H.R. Characteristics of InGaP-GaAs single-heterojunction bipolar transistor with zero potential-spike by δ-doped sheet 54597
Lour, W.S., Chen, H.R., Hung, L.-T. Characterization of graded pulse-doped channel AlGaAs/InGaAs/GaAs heterojunction field-effect transistors 54683
Lour Wen-Shiung *see* Wen-Shiung Lour
Loura, G.Da *see* Da Loura, G.
Lourakis, M.I.A. *see* Argyros, A.A. 35312
Lourdudoss, S., Ovtchinnikov, A., Kjebon, O., Nilsson, S., Backbom, L., Klinga, T., Holz, R. Entirely aluminum free 905-nm wavelength buried heterostructure laser by reactive ion etching and semi-insulating GaInP:Fe regrowth 24014
Lourdudoss, S. *see* Kjebon, O. 44491
Lourdudoss, S. *see* Schatz, R. 55615
Lourec, P.Le *see* Le Lourec, P.
Loureiro, C. *see* Silva, A. 7187
Loureiro, C.F.M., Combo, A.M.C.F., Basilio Simoes, J., Correia, C.M.B.A., Silva, A. High speed multi input VME acquisition system 58656
Loureiro, C.F.M. *see* Basilio Simoes, J. 53379
Loureiro, C.F.M. *see* Basilio Simoes, J. 59337
Lourenco, M.A. *see* Kidd, P. 30786
Lourens, W. *see* Prendergast, E.P. 41731
Louri, A., Furlonge, S., Neocleous, D. Experimental demonstration of the optical multi-mesh hypercube: scaleable interconnection network for multiprocessors and multicomputers 13762
Louri, A., Gupta, R. Hierarchical optical ring interconnection (HORN): scalable interconnection network for multiprocessors and multicomputers 35705
Louri, A., Gupta, R. Hierarchical optical ring interconnection (HORN): a scalable interconnection-network for multiprocessors and massively parallel systems 57952
Lours, P. *see* Vivas, M. 10936
Lourtie, I.M.G. *see* Garcia, F.M. 25194
Lourtioz, J.-M. *see* Boucaud, P. 2171
Lourtioz, J.-M. *see* Stelmakh, N. 55625
Lousa, A., Gimeno, S. Ion assisted deposition of thin films by substrate tuned radio frequency magnetron sputtering 40620
Loutchkina, I. *see* Dovgalenko, G. 17335
Loutchkina, I. *see* Dovgalenko, G. 24270
Loutchkina, I. *see* Dovgalenko, G. 33752
Loutchkina, I. *see* Dovgalenko, G. 44762
Loute, E. *see* Ho, J.K. 30530
Louthan, M.R., Jr. *see* Peacock, H.B., Jr. 7763
Louvat, D. *see* Smith, A.M. 49348
Louvet, G. *see* Skowronek, M. 22140
Louvion, J.-R., Danieau, M.-O., Raoul, F. Performance measurements in the ATM pilot network 25875
Louzada-Neto, F. *see* Barbosa, E.P. 30391
Lovadina, C. *see* Boffi, D. 30675
Lovati, V., Oberti, M., Marchesoni, M., Segarich, P. An induction motor drive with stator flux oriented control low-cost implementation 9609
Lovberg, J.A., Galliano, J.A., Clark, S.E. Passive millimeter-wave imaging for concealed article detection 58845
Lovchii, I.L. *see* Alekseev, V.N. 13920
Lovchii, I.L. *see* Vitsinskii, S.A. 14249
Love, C.E., Guo, R. Utilizing Weibull failure rates in repair limit analysis for equipment replacement/preventive maintenance decisions 362
Love, D.G. *see* Moresco, L.L. 30271
Love, D.J. Reliable power due to reliable interconnections 29903
Love, D.J. *see* Castenshiold, R. 30007
Love, G., Maher, G., Long, N. Pad printer 31636
Love, G.D. Wave-front correction and production of Zernike modes with a liquid-crystal spatial light modulator 55327
Love, G.D. *see* Gourlay, J. 55319
Love, J.D. *see* Hewlett, S.J. 3368
Love, J.D. *see* Micallef, R.W. 24146
Love, J.D. *see* Moss, D.J. 55263
Love, J.G. *see* Baxter, G.M. 7895
Love, J.G. *see* Jiang, S.P. 36830
Love, L. *see* Wellfare, M. 6976
Love, T.L. *see* Descour, M.R. 14451
Loveday, D.L. *see* Azzi, D. 51633
Lovejoy, D.J. Through the violet veil: an NDI perspective of UV.A 52912
Lovejoy, M.L., Patrizi, G.A., Rieger, D.J., Barbour, J.C. Thin-film tantalum-nitride resistor technology for phosphide-based optoelectronics 44301
Lovejoy, M.L. *see* Barnes, P.A. 12540
Lovejoy, M.L. *see* Patrizi, G.A. 43249
Lovejoy, M.L. *see* Seng, W.F. 12800
Lovejoy, M.L. *see* Vartuli, C.B. 22429
Lovejoy, M.L. *see* Vartuli, C.B. 22445
Lovejoy, M.L. *see* Vartuli, C.B. 54244
Lovejoy, S., Duncan, M.R., Schertzer, D. Scalar multifractal radar observer's problem 38073
Lovelace, D., Durec, J., Howard, A. Silicon upconverter RF IC simplifies cable modem designs. I 53671
Lovelace, N.D. *see* Terry, W.S. 18622
Loveland, T.R. *see* Zhicheng Qiu 8562
Lovell, M. *see* Hohenstein, D. 20781
Lovell, M. *see* Iles, G. 18099
Lovell, N. *see* Dokos, S. 49723
Lovelock, P. China's telecommunications policy and Hong Kong, 1997: Bargaining positions 16146
Lovergine, F.P. *see* Branca, A. 57524
Lovergine, N., Longo, M., Prete, P., Gerardi, C., Calcagnile, L., Cingolani, R., Mancini, A.M. Growth of ZnTe by metalorganic vapor phase epitaxy: surface adsorption reactions, precursor stoichiometry effects, and optical studies 40395
Lovergine, N. *see* Mazzer, M. 40479
Lovering, D.J. *see* Vidakovic, P. 55827
Lovering, D.S. *see* Bollig, C. 14056
Lovern, M.G. *see* Textoris, A.T. 28719
LoVetri, J. *see* Siushansian, R. 33973
Lovinger, A.J. *see* Bao, Z. 2661
Lovinger, A.J. *see* Bao Zhenan 43127
Lovinger, A.J. *see* Rothberg, L.J. 13888
Lovinger, A.J. *see* Zhenan Bao 22794
Lovisa, S. *see* Gosselin, S. 3988
Lovrek, I. *see* Sinkovic, V. 26017
Lovrek, I. *see* Sinkovic, V. 46864
Lovren, N., Pieper, J.K. A strapdown inertial navigation system for the flat-Earth model 37954
Low, B.I., Xu, S.Y., Ong, C.K., Wang, X.B., Shen, Z.X. Substrate temperature dependence of the texture quality in YBCO thin films fabricated by on-axis pulsed-laser ablation 30938
Low, C., Skov, D., Raguideau, N. WebIN–an architecture for fast deployment of IN-based personal services 26280
Low, C.W. *see* Yeo, S.H. 11895
Low, D.A. *see* Klein, E.E. 59769
Low, K.S. *see* Ong, D.S. 3679
Low, K.S. *see* Shih, W.C. 42778
Low, K.S. *see* Shih, W.C. 42781
Low, K.Y. *see* Hammons, T.J. 19558
Low, S.-H., Lim, Y.-C. Design rules for rectangular 2D FIR low-pass filters 5525
Low, S.H., Maxemchuk, N.F. Modeling cryptographic protocols and their collusion analysis 24778
Low, S.H., Maxemchuk, N.F., Paul, S. Anonymous credit cards and their collusion analysis 26014
Low, T. *see* Camnitz, L.H. 42947
Low, T.S. *see* Lu, Y.F. 10139
Low, T.S. *see* Lu, Y.F. 13456
Low, T.S. *see* Song, W.D. 22606
Low, W.F. *see* Abdulatif, M. 20118
Low, Y.L., Schaper, L.W., Ang, S.S. Modeling and experimental verification of the interconnected mesh power system (IMPS) MCM topology 31659
Low Jim-Hee *see* Jim-Hee Low
Lowdermilk, R.W., Harris, F.J. Interference mitigation in orthogonal frequency division multiplexing (OFDM) 45512
Lowe, C.R. *see* Gizeli, E. 17569
Lowe, D.G. *see* McReynolds, D.P. 15953
Lowe, D.M. *see* Hamer, P.S. 50969
Lowe, D.M. *see* Wachsman, E.D. 51545
Lowe, E., Hawker, I. An optical transport platform 58335
Lowe, E.D. *see* Hunter, D.K. 26847
Lowe, E.D. *see* Hunter, D.K. 58346
Lowe, G. Breaking and fixing the Needham-Schroeder public-key protocol using FDR 4445
Lowe, I. *see* Mills, D. 28827
Lowe, J. *see* Fields, D.E. 59301
Lowe, J.P. *see* Mileti, G. 27323
Lowe, L.T. *see* Saylor, A.V. 28704
Lowe, M.J. *see* Allison, W.W.M. 37269
Lowe, R.A. *see* Fatemi, N.S. 20093
Lowe, R.A. *see* Good, B.S. 20081
Lowe, S. *see* Mendoza, S. 14981
Lowe, S. *see* Peskin, B. 14921
Lowe-Ma, C.K. *see* Groshens, T.J. 40569
Lowell, D. *see* Chen, P.M. 1337
Lowell, J. *see* Sherry, J. 43323
Lowell, J.K. *see* Kumar, K. 22581
Lowengrub, J. *see* Beale, J.T. 629
Lowenthal, F., Prag, A., Balmer, J.E. Reduction of small-scale intensity modulation in a line focus produced by a cylindrical-lens array using polarization control and wedge angles 24063
Lowery, A.J. Computer-aided photonics design 48012
Lowery, A.J., Olesen, H., Morthier, G., Verhoeve, P., Baets, R., Buus, J., McDonald, D., Marcenac, D.D. A proposal for standardized parameters for semiconductor lasers 17153
Lowery, A.J. *see* Keating, A.J. 26792
Lowery, A.J. *see* Ogita, S. 23964
Lowery, M. *see* Measures, R.M. 48572
Lowes, P. *see* Sambell, A. 24561
Lowiec, E. *see* Bielewicz, Z. 9628
Lowke, J.J. *see* Haidar, J. 10056
Lown, M., Swidenbank, E., Hogg, B.W. Adaptive fuzzy logic control of a turbine generator system 19691

Lowndes, D.H., Rouleau, C.M., Geohegan, D.B., Puretzky, A.A., Strauss, M.A., Pedraza, A.J., Park, J.W., Budai, J.D., Poker, D.B. Pulsed laser ablation growth and doping of epitaxial compound semiconductor films 10745
Lowndes, D.H., Rouleau, C.M., Geohegan, D.B., Puretzky, A.A., Strauss, M.A., Pedraza, A.J., Park, J.W., Budai, J.D., Poker, D.B. Pulsed laser deposition of doped epitaxial compound semiconductor films 21317
Lowndes, D.H. *see* Pedraza, A.J. 10140
Lowndes, D.H. *see* Rouleau, C.M. 10746
Lowrie, C. *see* Crawford, T. 3732
Lowrie, R. *see* Edwards, J.N. 18064
Lowry, C. *see* Sheng-Hui Yang 24000
Lowry, H.S., III *see* Steely, S.L. 17524
Lowry, H.S., III *see* Steely, S.L. 28534
Lowry, J.F. *see* Abdelsalam, M.K. 55137
Lowry, M. *see* McConaghy, C. 3454
Lowry, M.E. *see* Ault, S.K. 23499
Lowry, R. *see* Fuller, R. 21386
Lowther, D.A. *see* Dyck, D.N. 43734
Lowther, D.A. *see* Ramirez, J.A. 44989
Lowther, D.A. *see* Ruowen Rong 44972
Loy, D. *see* Schossmaier, K. 41281
Loy, J.R., Myers, J.D., Tappert, C.C. Notebook versus desktop computers for cadets at West Point 9851
Loy, M.M.T. *see* Fedotov, A.B. 14372
Loy, M.M.T. *see* Tang, Z.K. 22334
Loyalka, S.K. *see* Popovici, G. 51571
Loyd, D. *see* Storck, K. 7864
Loyd, R.E. *see* Sakis Meliopoulous, A.P. 38336
Lozada-Morales, R. *see* de Melo, O. 2007
Lozada-Morales, R. *see* Vigil, O. 2008
Lozano, A. *see* Casas, O. 18440
Lozano, F., Manso, M.J. Methods for performance monitoring and traffic measurements at cell level in ATM networks 6265
Lozano, J. *see* Allport, P.P. 37375
Lozano, M. *see* Perell, C. 155
Lozano, M.A. *see* Valero, A. 19552
Loze, M.K., Middleton, B.K., Ryley, A. Wavelength, frequency and interface effects in magnetic recording system replay noise spectra 3219
Lozes, A. *see* Fournier, M. 6344
Lozes-Dupuy, F. *see* Chusseau, L. 2021
Lozhkarev, V.V. *see* Andreyev, N.F. 14377
Lozhkarev, V.V. *see* Freidman, G.I. 18835
Lozhkin, S.A. On the synthesis of some types of circuits based on translation partitions generated by universal matrices 1206
Lozinski, A., Wang, F., Uusimaki, A., Leppavuori, S. PLZT thick films for pyroelectric sensors 30973
Lozovskii, V.N., Konstantinova, G.S. Evolution of grain boundaries of the substrate during epitaxial growth of silicon 21234
Lozovsky, V.Z., Arnoldus, H.F. The susceptibility of a molecular layer on the surface of a phase conjugator 44645
Lozowski, A., Cholewo, T.J., Jankowski, S., Tworek, M. Chaotic CNN for image segmentation 35098
Lozykowski, H.J. *see* Tiesheng Li 22360
Lozynsky, A.B. *see* Koshovy, V.V. 48206
Lozza, G., Chiesa, P., DeVita, L. Combined-cycle power stations using "clean-coal technologies": thermodynamic analysis of full gasification versus fluidized bed combustion with partial gasification 29118
Lozzi, L. *see* Cantalini, C. 27730
Lozzi, L. *see* Sun, H.-T. 36735
Lpizra, A. *see* Naidu, D.S. 28747
Lpopovych, D. *see* Kotlyarchuk, B.K. 21357
Lpopovych, D. *see* Kotlyarchuk, B.K. 22271
Lu, A. *see* Abe, K. 37234
Lu, A. *see* Bender, W. 14790
Lu, A. *see* Dobrzeniecki, A.B. 8012
Lu, A. *see* Gruhl, D. 25160
Lu, A. *see* Shutt, T. 37472
Lu, B. *see* Ortiz, G.G. 3822
Lu, C.-C. *see* Song, J.M. 36233
Lu, C.-T. *see* Medhi, D. 46815
Lu, C.H., Shoap, S. Solving complex navigation system issues with new technology 58510
Lu, C.L., Hofmeister, R.T., Poggiolini, P., Kazovsky, L.G. Power budget optimization of a WDM network with MSCM control using semiconductor optical amplifier 26709
Lu, C.N., Chen, K.T., Lin, M.C., Lin, Y.T. Performance assessment of an integrated distribution SCADA-AM/FM system 50557
Lu, C.N. *see* Leou, R.C. 8885
Lu, C.S., Chung, P.C., Chen, C.F. Unsupervised texture segmentation via wavelet transform 57197
Lu, C.W., Renfrew, A.C. Harmonic control techniques in AC variable speed drives 61219
Lu, D., Li, B. Observation of DC currents induced in MOS capacitors during NBTS aging 2770
Lu, D. *see* Liu, L. 54510
Lu, D. *see* Wang, W. 35262
Lu, D. *see* Wang, W. 35276
Lu, F., Zhang, S.K., Wang, J., Li, Z.S., Ke, L., Wang, J.B., Sun, H.H., Wang, X. Deep-level transient spectroscopic studies of ZnSe-GaAs heterointerfaces 54148
Lu, F. *see* Wang, J.B. 2155
Lu, G. *see* Miura, N. 27732
Lu, G. *see* Miura, N. 27753
Lu, G.B., Oveissi, M., Eckard, D., Rubloff, G.W. Education in semiconductor manufacturing processes through physically-based dynamic simulation 20495
Lu, H.B. *see* Jin, B.B. 11698
Lu, H.C., Gusev, E.P., Gustafsson, T., Garfunkel, E., Green, M.L., Brasen, D., Feldman, L.C. High resolution ion scattering study of silicon oxynitridation 2346
Lu, H.C. *see* Gusev, E.P. 2378
Lu, J. Image deblocking via multiscale edge processing 25607
Lu, J. *see* Hou, Y. 10177
Lu, J. *see* Xia, A.D. 2498
Lu, J.-Q. *see* Weikle, R., II 7263
Lu, J.C. *see* Gardner, M.M. 20829
Lu, J.H. *see* Yang, H.C. 43836
Lu, J.P., Hsu, W.Y., Hong, Q.Z., Dixit, G.A., Luttmer, J.D., Havemann, R.H., Magel, L.K. A novel process for fabricating conformal and stable TiN-based barrier films 42617
Lu, J.Q. *see* Leyva-Lucero, M. 14322
Lu, J.W. *see* Preston, S.L. 24597
Lu, J.W. *see* Thiel, D.V. 34376
Lu, K., Snowden, C.M. Analysis of thermal instability in multi-finger power AlGaAs/GaAs HBT's 2594
Lu, K., Snowden, C.M., Pollard, R.D. Analysis of collapse patterns in multi-finger power AlGaAs-GaAs HBTs 54596
Lu, K.L. *see* Loe, Y.-C. 42656
Lu, K.W. *see* Effenberger, F.J. 16776
Lu, L. *see* Antos, J. 37373
Lu, L. *see* Brown, B.H. 18454
Lu, L.L. *see* Cox, L.A., Jr. 46808
Lu, L.S. *see* Lin, C.-J. 1344
Lu, M. *see* Bie, Q.S. 43661
Lu, M.H. *see* Wu, C.C. 48797
Lu, P., Wencker, D., Szulc, M., Supino, P., Mueller, R., Zola, B., Casadei, G.R., Zanzonico, P., Herrold, E.M., Borer, J.S. Computer-aided quantitation of the effect of nitroglycerin and isosorbide dinitrate on thallium-201 redistribution in patients with myocardial infarction 37739
Lu, P.F., Ji, J., Chuang, C.T., Wagner, L.F., Hsieh, C.M., Kuang, J.B., Hsu, L., Pelella, M.M., Chu, S., Anderson, C.J. Floating body effects in partially-depleted SOI CMOS circuits 11278
Lu, Q., Sun, Y., Xu, Z., Mochizuki, T. Decentralized nonlinear optimal excitation control 19105
Lu, S., Hogg, B.W. "Power Plant Analyser"–a computer code for power plant operation studies 19545
Lu, S., Hogg, B.W. Predictive co-ordinated control for power-plant steam pressure and power output 29066
Lu, S., Yoshizaka, S., Kamiya, T., Miyai, H. A human-computer dialogue agent with body gestures, hand motion, and speech 56823
Lu, S. *see* Lockwood, P. 15700
Lu, S.-Y. *see* Chang, S.-H. 1652
Lu, S.L. *see* Chang, W.C. 3132
Lu, S.S. *see* Wang, Y.J. 41441
Lu, T.-M. *see* Mello, K.E. 42698
Lu, T.-M. *see* Rymaszewski, E.J. 38862
Lu, T.-M. *see* Yang, G.-R. 12566
Lu, T.-M. *see* Yang, G.-R. 12586
Lu, T.X. *see* Reimers, J.R. 53819
Lu, W. *see* Bruckner, J.R. 56673
Lu, W.-S., Xu, H., Antoniou, A. A new algebraic approach to the design of generalized QMF banks 4790
Lu, W.-S. *see* Luo, H. 4903
Lu, W.-S. *see* Robertson, G. 18779
Lu, W.-S. *see* Xu, H. 4693
Lu, X., Iyer, S.S.K., Min, J., Fan, Z., Liu, J.B., Chu, P.K., Hu, C., Chueng, N.W. SOI material technology using plasma immersion ion implantation 22529
Lu, X.G. Series representation of Daubechies' wavelets 21147
Lu, X.L. *see* Xia, H.R. 33732
Lu, Y., Nathan, A., Manku, T., Ning, Y. Thin film magnetostrictive sensor with on-chip readout and attoFarad capacitance resolution 43727
Lu, Y. *see* Hwang, C.Y. 12266
Lu, Y. *see* Li, Y. 12779
Lu, Y. *see* Liu, J.L. 12418
Lu, Y. *see* Rishton, S.A. 43606
Lu, Y.-C. *see* Hwang, C.-Y. 54091
Lu, Y.-M. *see* Leu, I.-C. 912
Lu, Y.F., Hong, M.H., Chan, D.S.H., Low, T.S. Excimer laser applications in integrated circuit packaging 10139
Lu, Y.F., Song, W.D., Hong, M.H., Chong, T.C., Low, T.S. Laser dry cleaning of ZrO_2 particles from air bearing surface of magnetic head sliders 13456
Lu, Y.F., Ye, K.D. Application of laser microetching in formation of air-bearing surface for magnetic head sliders 13455
Lu, Y.F. *see* Choi, W.K. 2880
Lu, Y.F. *see* Chong, T.C. 12787
Lu, Y.F. *see* Song, W.D. 22606
Lu, Yu. *see* Sun, J.Z. 3260
Lu, Z., Fatland, R., Wyss, M., Li, S., Eichelberger, J., Dean, K., Freymueller, J. Deformation of New Trident volcano measured by ERS-1 SAR interferometry, Katmai National Park, Alaska 60017
Lu, Z., Wrobel, L.C. Analysis of pervious high pressure tunnels using boundary elements 29144
Lu, Z. *see* Hongyue Liu 39147
Lu, Z. *see* Lee, Y.-H. 39154
Lu, Z. *see* Su, Y. 26946
Lu, Z.-H. *see* Sullivan, B.T. 2282
Lu, Z.D. *see* Xu, Z.Y. 2215
Lu, Z.G., Cho, G.C., Lupke, G., Kurz, H. Visible fs-pulses generated by dispersive frequency doubling in Lithium Triborate 14365
Lu, Z.H., Baribeau, J.-M. Silicon quantum well as passivation barrier on GaAs surface 42227
Lu, Z.H., Hussey, R.J., Graham, M.J., Cao, R., Tay, S.P. Rapid thermal N_2O oxynitride on Si(100) 54399
Lu, Z.H. *see* Gao, L.J. 32796
Lu, Z.H. *see* Mitchell, C.E.J. 2384
Lu, Z.H. *see* Sun, L. 10847
Lu Aimin *see* Aimin Lu
Lu Aiming *see* Ge Yi 39827
Lu Aiming *see* Ge Yi 46403
Lu Ansheng *see* Ansheng Lu
Lu Baida *see* Liu Zhongyong 3963
Lu Baida *see* Baida Lu
Lu Bao-Sheng *see* Pan Heng-Fu 3792
Lu Baosheng *see* Baosheng Lu
Lu Benfu, Zhou Junlau Digitizing and networking: the scheme and practice of establishing the CASS electronic library 35745
Lu Bo *see* Bo Lu
Lu Boyin *see* Qu Xinghua 17197
Lu Cai-Cheng *see* Cai-Cheng Lu
Lu Cao *see* Cao Lu
Lu Chan-Nan *see* Chan-Nan Lu
Lu Changzhi *see* Feng Shiwei 52251
Lu Cheng-Yi *see* Cheng-Yi Lu
Lu Chih-Wen *see* Chih-Wen Lu
Lu Chun-Shien *see* Chun-Shien Lu
Lu Chung-Kuei *see* Chung-Kuei Lu
Lu Chunyi *see* Wang Xiangwu 712
Lu Dacheng *see* Duan Shukun 40473
Lu Dai *see* Xinxian Bao 55170
Lu Dai *see* Dai Lu
Lu Dajin *see* He You 4839
Lu Dajing *see* Wang Yongliang 15207
Lu Dong-Hwa *see* Dong-Hwa Lu
Lu Dongchen *see* Dongchen Lu
Lu Erdong *see* Ji Hang 32209
Lu Erdong *see* Erdong Lu
Lu Fan, Kai Chang Uniplanar power dividers using coupled CPW and asymmetrical CPS for MICs and MMICs 21965
Lu Fan, Lam Wong Hing, Lan Bo The performance of the carrier to cochannel interference (C/I) ratio for body-centered cubic cell and cubic cell in 3-dimensional system 47652
Lu Fan *see* Ho, C.H. 36288
Lu Fan *see* Montiel, C.M. 24577
Lu Fang *see* Fang Lu
Lu Fei *see* Fei Lu
Lu Feng *see* Feng Lu
Lu Feng-Chang *see* Feng-Chang Lu
Lu Fu-Fa *see* Fu-Fa Lu
Lu Geyu *see* Geyu Lu
Lu Guojun *see* Guojun Lu
Lu Guowen *see* Guowen Lu
Lu Haihuan *see* Liu Aijun 58122
Lu Hao *see* Hao Lu
Lu Hongbo *see* Yang Xueyou 39886
Lu Hongqiang *see* Hongqiang Lu
Lu Hsi-Peng *see* Hsi-Peng Lu
Lu Hua *see* Hua Lu
Lu Hui-Bin *see* Ma Kun 40309
Lu Hui-Bin *see* Hui-Bin Lu
Lu Huibin *see* Jin Biaobing 55146
Lu Huibin *see* Huibin Lu
Lu I-Tai *see* I-Tai Lu
Lu Jen-Her *see* Jen-Her Lu
Lu Jian *see* Jin Biaobing 55146
Lu Jian *see* Jian Lu
Lu Jian-Xia *see* Gu Chang-Zhi 893
Lu Jian-Yu *see* Jian-Yu Lu
Lu Jianfeng, Liu Leijlan, Yang Jingyu, Li Shijin, He Anguang, Liu Keli A color image processing system for diagnosis of early stage lung cancers 49521
Lu Jianhua *see* Jianhua Lu
Lu Jianping *see* Jianping Lu
Lu Jin *see* Qi Huai Yin 53148
Lu Jinchao, Yan Jianguo, Zhang Kehan Control board design for dynamic light decomposing colorimeter 58642
Lu Jiren *see* Ma Xiaohui 56407
Lu Jiuxiao *see* Jiuxiao Lu
Lu Jui-Han *see* Jui-Han Lu
Lu Jun *see* Xu Hu-Shan 18113
Lu Junfang, Chen Mei Combined detector of photoelectric smoke-sensing and differential/fixed temperature 58760
Lu Junfang *see* Zhang Guangjun 36728
Lu Jye-Chi *see* Jye-Chi Lu
Lu Jye-Chyi *see* Jye-Chyi Lu
Lu Jyh-Ming *see* Jyh-Ming Lu
Lu Kai-Sheng *see* Kai-Sheng Lu
Lu Ke *see* Ke Lu
Lu Kun-Sheng *see* Kun-Sheng Lu
Lu Kunquan *see* Kunquan Lu
Lu Li-Qin *see* Li-Qin Lu
Lu Liang *see* Lin Ruisen 39431
Lu Lin *see* Lin Lu

Lu Lina *see* Wang Huanzhao 29083
Lu Lingen *see* Yan Yi 58465
Lu Linzhang *see* Linzhang Lu
Lu Liwu, Feng Songlin, Liang Jiben, Wang Zhanguo, Wang, J., Wang, Y., Ge Weikun Characterization of deep centers in AlGaAs/InGaAs/GaAs pseudomorphic HEMT structures grown by molecular beam epitaxy and hydrogen treatment 32005
Lu Liwu, Feng Songlin, Xu Junying, Yang Hui, Wang Zhanguo, Wang, J., Wang, Y., Ge Weikun Deep centers in AlGaAs/GaAs GRIN-SCH SQW laser structures grown by MBE and MOCVD 32006
Lu Liwu *see* Zhou Jie 12280
Lu Mai *see* Lu Zhaoyi 57675
Lu Mi *see* Mi Lu
Lu Min-Hua *see* Min-Hua Lu
Lu Ming-Sing *see* Ming-Sing Lu
Lu Mingzhe *see* Mingzhe Lu
Lu Ninglong *see* Ninglong Lu
Lu Peixiang *see* Peixiang Lu
Lu Peng *see* Peng Lu
Lu Ping, Li Hang, Sun Shan, Tuttle, B. Novel single-solid-source metalorganic chemical vapor processing of PT and PZT thin films 30936
Lu Ping *see* Ping Lu
Lu Po-Chiang *see* Po-Chiang Lu
Lu Po-Ching *see* Po-Ching Lu
Lu Pong-Fei *see* Pong-Fei Lu
Lu Pu-Ling *see* Pu-Ling Lu
Lu Qi-Sheng *see* Qi-Sheng Lu
Lu Qiang, Sun Chunxiao, Sun Yuanzhang On the study of power system nonlinear robust control 50369
Lu Qiang *see* Li Shurong 19227
Lu Qiang *see* Li Shurong 50399
Lu Qiang *see* Sun Chunxiao 8824
Lu Qiang *see* Sun Yuanzhang 19113
Lu Qiang *see* Sun Yuanzhang 38233
Lu Qiang *see* Sun Yuanzhang 38280
Lu Qiang *see* Zhou Xuesong 8823
Lu Qirong *see* Xu Faming 24055
Lu Qisheng *see* Jiang Zhiping 3960
Lu Qisheng *see* Jiang Zhiping 3962
Lu Qisheng *see* Qisheng Lu
Lu Qun *see* Zhao Xianming 6034
Lu Ruei-Chang *see* Ruei-Chang Lu
Lu Ruibo *see* Ruibo Lu
Lu Shan *see* Shan Lu
Lu Sheng-Hua *see* Sheng-Hua Lu
Lu Shey-Shi *see* Shey-Shi Lu
Lu Shih-Lien *see* Shih-Lien Lu
Lu Shyue-Ching *see* Shyue-Ching Lu
Lu Shyue-Kung *see* Shyue-Kung Lu
Lu Sin *see* Sukhorukov, A.P. 3958
Lu Siwei *see* Chen Xuede 25680
Lu Tai-Gen *see* Kao Wen-Shiow 51878
Lu Taiwei *see* Taiwei Lu
Lu Tao *see* Cao Wei 2994
Lu Tianhong *see* Tianhong Lu
Lu Toh-Ming *see* Toh-Ming Lu
Lu Wancheng, Xi Shitong, Deng Baoqing Conjugate solution for multi-dimensional numerical heat transfer 50736
Lu Wei *see* Wei Lu
Lu Weixing *see* Weixing Lu
Lu Weixue, Xia Ling, Wei Daming A new approach to the inverse problem in electrocardiography 49656
Lu Weixue *see* Luo Jianhua 7975
Lu Weixue *see* Xia Ling 49659
Lu Wenzhe *see* Zhang Chuanli 51445
Lu Wu *see* Wu Lu
Lu Xian-Yi *see* Gu Chang-Zhi 31768
Lu Xiang *see* Xiang Lu
Lu Xiang-Yi *see* Gu Chang-Zhi 893
Lu Xiangshun, Chen Maobai, Li Deming, Xu Senlin Study of several electric parameters of mini-cyclotron 37064
Lu Xiangshun, Chen Maobai, Li Deming, Xu Senlin Influence of the 1st, 2nd and 3rd harmonic magnetic field in mini-cyclotron 59119
Lu Xianqing *see* Chen Wufan 59552
Lu Xingquan *see* Jin Zhendong 50443
Lu Xinliang *see* Xinliang Lu
Lu Xinqiao *see* Guo Huadong 28606
Lu Xuanhui *see* Xuanhui Lu
Lu Xuekun, Jiang Zuimin, Liu Kaifeng, Zhu Haijun, Zhang Xiangjiu, Wang Xun Co-evaporative Sb doping and crystalline quality in Si molecular beam epitaxy 32148
Lu Ya-Lin *see* Chen Xiang-Fei 44693
Lu Ya-Lin *see* Ya-Lin Lu
Lu Yan-Qing *see* Chen Xiang-Fei 44693
Lu Yan-Qing *see* Yan-Qing Lu
Lu Yang *see* Yang Lu
Lu Yaohua *see* Tian Jingquan 7417
Lu Yen-Wen *see* Yen-Wen Lu
Lu Yi *see* Yi Lu
Lu Yijun *see* Yijun Lu
Lu Ying, Zhang Zuying, Guo Wei The microwave imaging radiometer sample and integration time 58971
Lu Ying *see* Ying Lu
Lu Yinlin *see* Yang Hui 29554
Lu Yiwei *see* Yiwei Lu
Lu Yong *see* Yong Lu
Lu Youhong *see* Youhong Lu
Lu Yu-Sheng *see* Yu-Sheng Lu
Lu Yuan *see* Chen Houpeng 53160
Lu Yue-Chuan *see* Yue-Chuan Lu
Lu Zehua *see* Cao Renfeng 29099
Lu Zehua *see* Zhang Tao 29084
Lu Zhao *see* Shengzhi Zhao 23838
Lu Zhao *see* Zhao Lu
Lu Zhaoyi, Lu Mai, Cheng Yongyi, Liu Xiaoming A special random selective service queueing model for access to a star LAN 57675
Lu Zheng *see* Zheng Lu
Lu Zhengyong *see* Shi Zhixia 37526
Lu Zhengzhong The study and application of digital flame image processing system for boiler furnace 58839
Lu Zhenyu, Ma Heting, Zhang Huajian An improved zero-current-switched (ZCS) quasi resonant converter (QRC) using a saturable inductor 9368
Lu Zhigang *see* Zhu Chingming 6870
Lu Zhijian *see* Zhijian Lu
Lu Zhiwei, He Weiming, Wang Qi, Ma Zuguang Laser pulsewidth control by two-cell stimulated Brillouin scattering 14411
Lu Zhiwei *see* Zhiwei Lu
Lu Zhiyong, Tan Xiaozhou, Zhou Zhiming, Chang Wengpe, Liang Diannong Computer imitation system of a programmable radar range measurement 58467
Lu Zhiyong *see* Tan Xiaozhou 60165
Lu Zhongrong, Shen Xialing, Tong Zili, Zhao Heshu Calculation end analysis of grid fin configurations 28489
Lu Zixing, Gao Zhentong Determination of Young's modulus of synthetic foam plastics by differential scheme 52852
Lu Zu-Hong *see* Zu-Hong Lu
Lu Zuhong *see* Zuhong Lu
Lu Zukang *see* Li Zhenhua 33463
Lu-Fan Zou *see* Zou Lu-Fan
Lu-Ping Chao, Shyh-Long Shyu Nonlinear buckling of fiber-reinforced composite plates under hygrothermal effects 40679
Lu-Ping Chiang *see* Tahui Wang 2660
Lualdi, P. *see* Gubisch, A. 27308
Luan, B. *see* Cui, N. 61035
Luan, H. *see* Liu, A. 32405
Luan, J. *see* Zvonar, G.A. 19933
Luan Lin Lee, Lizarraga, M.G. A lossless image compression method for human static signatures 5658
Luan Ling Lee, Lizarraga, M.G. An off-line method for human signature verification 5602
Luang Hong-Yi *see* Hong-Yi Luang
Lub, J. *see* Favre-Nicolin, C.D. 55332
Lub Jer-Junn *see* Jer-Junn Lub
Luba, T. *see* Sapiecha, P. 53248
Luban, M. *see* Reynolds, J.P. 22409
Lubaszewski, M., Mir, S., Pulz, L. ABILBO: Analog BuILt-in block observer 10038
Lubaszewski, M. *see* Mir, S. 27395
Lubaszewski, M. *see* Mir, S. 27396
Lubaszewski, M. *see* Szekely, V. 54733
Lubbers, A.P.G. *see* Olde Hampsink, B.G.M. 9865
Lubbers, M. *see* As, D.J. 12223
Lubecke, V.M. *see* Kim, M. 31497
Lubell, M.S. *see* Lue, J.W. 32937
Lubelsmeyer, K. *see* Braunschweig, W. 7808
Lubich, C., Ostermann, A. Runge-Kutta time discretization of reaction-diffusion and Navier-Stokes equations: nonsmooth-data error estimates and applications to long-time behaviour 21172
Lubich, C. *see* Engstler, C. 40227
Lubich, H.P. Security problems and countermeasures in the current Internet 6058
Lubich, H.P. Videoconferencing for Mac and PC–initial experiences with "CU-SeeMe" 6275
Lubich, H.P. *see* Caronni, G. 6059
Lubicki, P., Cross, J.D., Jayaram, S. Decomposition of chloroform and trichloroethylene in deionized water with the use of low voltage electron beam 29929
Lubicki, P., Cross, J.D., Jayaram, S., Staron, J., Mazurek, B. Effect of water conductivity on its pulse electric strength 13210
Lubicki, P., Jayaram, S., Cross, J.D., Al-Arainy, A.A. Pulsed corona discharge for advanced oxidation in water purification technology 51911
Lubin, B.J., Haney, L. Implementing a workforce management tool: an operational assessment 27166
Lubin, E. *see* Eisen, Y. 37667
Lubin, P. *see* Gaier, T. 41485
Lubinski, A. *see* Bonigk, J. 16156
Lubinski, J.R. *see* Wiefling, R.R. 39451
Lubitz, P. *see* Dorsey, P.C. 43647
Lubitz, P. *see* Gao, Y. 40402
Lubkeman, D.L. *see* Ghosh, A.K. 50528
Lubkeman, D.L. *see* Ghosh, A.K. 50558
Lubkeman, D.L. *see* Jun Zhu 50553
Lubkeman, D.L. *see* Zhu, J. 60222
Lublinskaja, V., Sappok, C. Speaker attribution of successive utterances: the role of discontinuities in voice characteristics and prosody 4578
Lubman, D. Antifade sonar employs acoustic field diversity to recover signals from multipath fading 16995
Lubosny, Z. Improvement of the synchronous generator performance by using knowledge base in ANN controller 19711
Lubowe, A.G., Million, T.P., Sayegh, E., Baumann, F. Multifiber optical connectors for avionics 59901
Luby, M. *see* Albanese, A. 24689
Luby, M. *see* Alon, N. 24688
Luby, S., Majkova, E., Jergel, M., D'Anna, E., Legeieri, G., Luches, A., Martino, M., Valicek, J. Intermixing in immiscible molybdenum/copper multilayered metallization under excimer laser irradiation 2451
Luby, S. *see* D'Anna, E. 906
Lubyanaya, M.D., Sorokolet, S.R., Shutov, S.V. Properties of epitaxial gallium arsenide prepared from bismuth-based fluxed melts 30804
Lubyshev, D.I. *see* Bert, N.A. 41968
Lubyshev, D.I. *see* Georgievskii, A.M. 31513
Lubyshev, D.I. *see* Gonzalez-Borrero, P.P. 30813
Luca, D. *see* Datcu, M. 16951
Luca, L.De *see* De Luca, L.
Lucantonio, M. *see* Leone, M. 26181
Lucardesi, P. *see* Gallone, G. 36843
Lucarelli, F. *see* Fioretto, E. 59283
Lucas, A.D. *see* Eick, W. 28034
Lucas, A.D. *see* Eick, W. 59238
Lucas, G.S. Planning and running major mine clearance operations 8588
Lucas, J. *see* Gilbert, F. 36621
Lucas, J. *see* Jiang, S. 23846
Lucas, J. *see* Josse, E. 23527
Lucas, K.D., Ivin, V.V., Kudrja, V.P., Larin, D.Y., Makhviladze, T.M., Medvedeva, M.G., Rogov, A.A., Verzunov, S.V., Yang, D.C. Method of easily extracting resist development parameters for lithography simulation 2522
Lucas, K.D., Li, X., Noell, M., Yuan, C.-M., Strojwas, A.J. Accurate chip scale topography modeling in O(n) run time 13106
Lucas, K.D., Tanabe, H., Strojwas, A.J. Efficient and rigorous three-dimensional model for optical lithography simulation 2550
Lucas, M. *see* Graham, G. 48940
Lucas, M. *see* Moore, A.J. 24281
Lucas, S.D. *see* Haddadin, O.S. 28123
Lucas, S.R. *see* Bornscheuer, K.H. 40591
Lucassen, G.W. *see* Verkruysse, W. 37871
Lucat, C., Menil, F., Von Der Muhll, R. Thick-film densification for pyroelectric sensors 30974
Lucat, C. *see* Debeda, H. 36740
Lucca, A.M., Berti, K.N., Cerveny, D.C. Statistical tolerance allocation in design utilizing historical supplier process data 30232
Lucca, D.A. *see* Vitali, G. 12749
Luccese, F.A. *see* Polley, R. 28438
Lucchese, L., Cortelazzo, G.M., Monti, C. A frequency domain technique for estimating rigid planar rotations 5175
Luccio, A. *see* Palmer, R.B. 17966
Luccio, A. *see* Villa, F. 59347
Luce, H., Dalaudier, F., Crochet, M., Sidi, C. Direct comparison between in situ and VHF oblique radar measurements of refractive index spectra: a new successful attempt 18855
Lucehese, F. *see* Schaldach, M. 59796
Lucek, J.K., Gunning, P., Moodie, D.G., Smith, K., Ellis, A.D., Pitcher, D. Optical-TDMA channel selection using electroabsorption modulator with dual frequency drive 26777
Lucek, J.K., Smith, K. All-optical clock multiplication and division using an optically mode-locked laser 23619
Lucek, J.K. *see* Cotter, D. 26442
Lucek, J.K. *see* Cotter, D. 57901
Lucek, J.K. *see* Gunning, P. 26897
Lucente, M. Computational holographic bandwidth compression 14425
Lucenteforte, M. *see* Chimienti, A. 15644
Lucero, A.J. *see* Bergano, N.S. 26823
Lucey, M. Barrier coatings for MCM devices 41721
Lucey, M. UV curable barrier coatings for MCMs 53863
Lucey, R.F. *see* McHarg, J.C. 36256
Luchau, D.W., Bruns, D.R., Nikolaev, Y.V., Eremin, S.A., Lapochkin, N., Korobov, A.V., Izhvanov, O.L., Androsov, V., Koester, J.R., Nelson, R.C., Mulder, D.M., Wyant, F.J., Wernsman, B., McCarson, T.D., Jr. Space-R nuclear power system SC-320 thermionic fuel element performance tests 18695
Lucherini, D. High performance lift vector drives 29821
Lucherini, V. *see* Benussi, L. 37231
Lucheroni, C. Self-inductive effects in Josephson-junction array models 43835
Luches, A. *see* D'Anna, E. 901
Luches, A. *see* D'Anna, E. 906
Luches, A. *see* Luby, S. 2451
Luchetta, A. *see* Collarin, P. 29437
Luchetta, A. *see* Fedi, G. 11061
Luchka, A.Yu. Integral equations with constraints and their solution methods 30422
Lucht, R.P. *see* Reichardt, T.A. 24198
Lucia, A.C., Zanetta, P.M., Facchini, M. Electronic speckle pattern interferometry applied to the study and conservation of paintings 7629
Lucia, A.C. *see* Kenny, R.P. 48640
Lucia, E.De *see* De Lucia, E.
Lucia, F.De *see* De Lucia, F.
Lucia, M.L. *see* Martil, I. 54592
Luciano, A.M. *see* Busatto, G. 51831

Lucidarme, O., Grenier, P., Coche, E., Lenoir, S., Aubert, B., Beigelman, C. Bronchiectasis: comparative assessment with thin-section CT and helical CT 37641
Lucidi, S., Roma, M. Numerical experiences with new truncated Newton methods in large scale unconstrained optimization 30537
Lucido, L., Opderbecke, J., Rigaud, V., Deriche, R., Zhang, Z. A terrain referenced underwater positioning using sonar bathymetric profiles and multiscale analysis 36274
Lucido, L., Opderbecke, J., Rigaud, V., Deriche, R., Zhang, Z. A multiscale approach for terrain referenced underwater navigation 48135
Lucido, L., Opderbecke, J., Rigaud, V., Deriche, R., Zhang, Z. An integrated multiscale approach for terrain referenced underwater navigation 58490
Lucini, D. *see* Mainardi, L.T. 37597
Lucinski, T., Elefant, D., Reiss, G., Dubowik, J. Hall effect in an annealed Fe/Cr multilayer exhibiting GMR 23352
Lucinski, T. *see* Stobiecki, F. 55039
Lucke, H. Which stochastic models allow Baum-Welch training? 4584
Lucke, L., Nelson, L., Oie, H. Adaptive CDMA receiver implementation for multipath and multi-user environments 35947
Lucke, L. *see* de Jesus, B. 28378
Luckey, J. Didcot 'B' enters final stages [combined cycle power plants] 60558
Lucklum, R., Rosler, S., Hartmann, J., Hauptmann, P. On-line detection of organic pollutants in water by thickness shear mode resonators 28669
Lucklum, R. *see* Hartmann, J. 17341
Lucklum, R. *see* Hauptmann, M.A. 27595
Lucklum, R. *see* Puttmer, A. 38126
Lucovsky, G., Jing, Z., Lee, D.R. Defect properties of Si-, O-, N-, and H-atoms at Si-SiO_2 interfaces 54285
Lucovsky, G., Lee, D.R., Hattangady, S.V., Niimi, H., Gandhi, S., Parker, C., Jing, Z., Whitten, J.L., Hauser, J.R. Local atomic structure and electrical properties of nitrided Si-SiO_2 interfaces produced by low-temperature plasma processing and rapid thermal annealing, and explained by ab-initio quantum chemistry calculations 881
Lucovsky, G., Niimi, H., Koh, K. Bonded-N in gate dielectrics deposited by plasma assisted chemical vapor deposition and subjected to rapid thermal annealing 22915
Lucovsky, G., Yang, H.Y., Jing, Z., Whitten, J.L. The role of hydrogen atoms (H atoms) in metastable defect formation at Si-SiO_2 interfaces and in hydrogenated amorphous Si (a-Si:H) 43016
Lucovsky, G. *see* Habermehl, S. 10727
Lucovsky, G. *see* Hattangady, S.V. 12614
Lucovsky, G. *see* Schmidt, D. 54396
Lucovsky, G. *see* Wolfe, D. 21348
Lucus Fernandez, F.J., Gomez Vela, D., Vizcaino Sanchez, A., Quiros Olozabal, A. Boundary scan: the concept and its implementation. I 1203
Lucy, T. The integration of alternative energy systems into the ESB grid 19170
Lucyszyn, S. Power-added efficiency errors with RF power amplifiers 40937
Lucyszyn, S. The future of on-chip terahertz metal-pipe rectangular waveguides implemented using micromachining and multilayer technologies 53698
Lucyszyn, S., Budimir, D., Wang, Q.H., Robertson, I.D. Design of compact monolithic dielectric-filled metal-pipe rectangular waveguides for millimetre-wave applications 11639
Luczak, H. *see* Springer, J. 16285
Ludden, B.P. *see* Robertson, P.A. 48641
Ludecke, C. Development of techniques of meteorological measurements as reflected in German polar research (1868 to 1939) 18853
Ludeke, R., Wen, H.J., Cartier, E. Stressing and high field transport studies on device-grade SiO_2 by ballistic electron emission spectroscopy 54886
Ludena, G.M.L. *see* Guseva, M.B. 40609
Luder, E. *see* Burkle, R. 13709
Luderer, G. *see* Chandrasekhar, R. 26186
Luderman, B.L., Kuo-Tung Chang, Su, J., Cavins, C., Pabst, J., Tat-Kwan Yu, Higman, J. Reducing power dissipation in low voltage flash memories 11451
Ludge, A. *see* Schulze, H.-J. 48813
Ludi, M. *see* Hof, C. 39130
Ludikhuize, A. *see* Nezar, A. 22824
Ludlam, D. Reflections on intelligent networks yesterday, today and tomorrow 47284
Ludlow, G., Wallis, K. Network management 57738
Ludman, J.E., Riccobono, J., Reinhand, N., Korzinin, Yu., Semenova, I., Shahriar, S.M. Non-spatial filter for laser beams 24049
Ludman, J.E., Riccobono, J., Semenova, I.V., Reinhand, N.O., Tai, W., Xaoli Li, Syphers, G., Rallis, E., Sliker, G., Martin, J. The optimization of a holographic system for solar power generation 61086
Ludowise, M.J. *see* Rosner, S.J. 44214
Ludvig, J. *see* Fleig, J. 17734
Ludvigsen, H. *see* Talvitie, H. 33514
Ludvigsen, H. *see* Tammela, S. 44615
Ludvigson, D. Servicing tips for the Bravo family of pagers 47698
Ludwig, B., Tulbure, I. Contributions to an aggregated environmental pollution index 21003
Ludwig, C.T., Johnson, P., Lane, S. Polymeric design of a polyester resin for high frequency PCB application 1703
Ludwig, D.E. Multilayered focal plane structures with self-aligning detector assembly 17470
Ludwig, D.E. *see* Carson, J.C. 36650
Ludwig, I. House of Promotion: new means of production 36332
Ludwig, J. *see* Fiederle, M. 37321
Ludwig, J. *see* Lauxtermann, S. 7829
Ludwig, J. *see* Rogalla, M. 32358
Ludwig, J.T., Nawab, S.H., Chandrakasan, A.P. Convergence results on adaptive approximate filtering 24897
Ludwig, J.T. *see* Nawab, S.H. 45806
Ludwig, K.F., Jr. *see* Clevenger, L.A. 31793
Ludwig, L.A., Berk, F., Grauel, A. Using evolutionary algorithms for the structural optimization of an artificial neural network performing the analysis of electronic nose data 7479
Ludwig, L.A., Grauel, A., Schwiatkowski, P. Fuzzy data analysis for quality assurance systems 10201
Ludwig, M., Feldle, H., Reber, R. A MMIC variable gain amplifier for TX/RX applications 21937
Ludwig, M. *see* Feldle, H.-P. 27021
Ludwig, M. *see* Hurm, V. 44318
Ludwig, M. *see* Sievert, J. 26364
Ludwig, M.H. Optical properties of silicon-based materials: a comparison of porous and spark-processed silicon 33249
Ludwig, R., Pieper, W., Langenhorst, R., Weber, H.G. 3×10 Gbit/s, 100 km data transmission based an sliced spectrum signal generation using a single tunable mode locked semiconductor laser pulse source 26756
Ludwig, R., Pieper, W., Weber, H.G., Breuer, D., Petermann, K., Kuppers, F., Mattheus, A. Unrepeatered 40 Gbit/s RZ single channel transmission over 150 km of standard singlemode fibre at 1.55 μm 26782
Ludwig, R. *see* Diez, S. 33516
Ludwig, R. *see* Ding, Y. 3862
Ludwig, R. *see* Jahn, E. 26838
Ludwig, R. *see* Koltchanov, I. 3861
Ludwig, R. *see* Kukla, R. 40532
Ludwig, R. *see* Obermann, K. 14187
Ludwig, R. *see* Obermann, K. 48021
Ludwig, R. *see* Weich, K. 24132
Ludwig, R. *see* Wolf, K. 13340
Ludwig, R. *see* Woltereck, M. 33914
Ludwig, S. *see* Gehring, S. 11422
Ludwig, S.H.-M. The design of a coprocessor board using Xilinx's XC6200 FPGA–an experience report 11509
Ludwin, J. *see* Jelonkiewicz, J. 51372
Ludwin, W. DECT and GSM – standards preceding introduction of PCN in Europe 58158
Ludziejewski, T. *see* Moszynski, M. 33251
Ludziejewski, T. *see* Stohlker, Th. 7727
Lue, J.W., Lubell, M.S., Aized, D., Campbell, J.M., Schwall, R.E. Quench development in a high temperature superconducting tape 32937
Luebbers, R., Baurle, R. FDTD predictions of electromagnetic fields in and near human bodies using Visible Human Project anatomical scans 37902
Luebbers, R. *see* Schuster, J. 34011
Luebbers, R. *see* Schuster, J. 34077
Luebbers, R. *see* Schuster, J. 35937
Luebbers, R.J. *see* Chevalier, M.W. 34224
Luebbers, R.J. *see* Chevalier, M.W. 44860
Luebbers, R.J. *see* Kelley, D.F. 34012
Luebelsmeyer, K. *see* Adam, A. 37280
Luebkemann, K.M. *see* Hauss, B.I. 28707
Lueck, R. *see* Driscoll, F. 49984
Lueck, R.G. *see* Driscoll, F. 38089
Lueck, R.G. *see* Levine, E.R. 50148
Luecke, J.R. *see* Jones, W.W. 47757
Lueder, E. *see* Maier, G. 13710
Luedke, J. *see* Ahlers, H. 27850
Luehring, F. *see* Arai, Y. 37267
Luehring, F. *see* Arai, Y. 37268
Luerssen, D. *see* Langbein, W. 2214
Luessem, G. *see* Schaefer, O. 33292
Luetchford, J.C. Signalling evolution and interworking into the 21st century 25984
Luetchford, J.C. *see* Rao, S. *(editor)* 20414
Lueth, H. *see* Hartmann, A. 40485
Lueth, H. *see* Hollfelder, M. 40331
Luethke, B. *see* Hoyer, D. 49715
Luettgen, A.L. *see* Byrd, D.A. 17177
Luettin, J., Thacker, N.A. Speechreading using probabilistic models 46415
Luettin, J., Thacker, N.A., Beet, S.W. Locating and tracking facial speech features 5135
Luettin, J., Thacker, N.A., Beet, S.W. Visual speech recognition using active shape models and hidden Markov models 14989
Luft, J. *see* Richter, A. 23878
Luft, J. *see* Tomm, J.W. 44443
Luftman, H. *see* Liu, C.T. 2641
Luftman, H. *see* Liu, C.T. 54658
Luftman, H. *see* Vuong, H.-H. 43070
Luftman, H.S. *see* Bevk, J. 22973
Luftman, H.S. *see* Herner, S.B. 54497
Luftman, H.S. *see* Rafferty, C.S. 42410
Luftman, H.S. *see* Schiml, T. 22974
Lugagne-Delpon, E. *see* Jeannes, F. 24109
Lugagne-Delpon, E. *see* Koppa, P. 14275
Lugand, C. *see* Venet, T. 12226
Lugao, P.P.de *see* de Lugao, P.P.
Lugauer, H.-J. *see* Fischer, F. 33503
Lugauer, H.-J. *see* Waag, A. 23959
Lugauer, H.J. *see* Waag, A. 22312
Luger, V. *see* Miesner, H.-J. 37046
Luggar, R.D., Horrocks, J.A., Speller, R.D., Lacey, R.J. Determination of the geometric blurring of an energy dispersive X-ray diffraction (EDXRD) system and its use in the simulation of experimentally derived diffraction profiles 37546
Lugger, K. *see* Homann, N. 8064
Lugiato, L.A., Barnett, S.M., Gatti, A., Marzoli, I., Oppo, G.L., Wiedemann, H. Quantum images 33709
Lugiato, L.A., Grangier, Ph. Improving quantum-noise reduction with spatially multimode squeezed light 44667
Lugiato, L.A. *see* Marzoli, I. 44687
Lugiez, F. *see* Anghinolfi, F. 59312
Lugin, A.N. *see* Avanesyan, R.R. 31635
Lugina, N. *see* Goshin, G. 45077
Luginbuhl, P., Racine, G.-A., Lerch, P., Romanowicz, B., Brooks, K.G., de Rooij, N.F., Renaud, P., Setter, N. Piezoelectric cantilever beams actuated by PZT sol-gel thin film 13163
Luginsland, J.W., Lau, Y.Y., Gilgenbach, R.M. Two-dimensional Child-Langmuir law 12079
Luginsland, J.W., Lau, Y.Y., Hendricks, K., Coleman, P.D. A model of injection locked relativistic klystron oscillator 12088
Luginsland, J.W., Lau, Y.Y., Hendricks, K., Coleman, P.D. A model of injection locked relativistic klystron oscillator 53971
Luginsland, J.W., Valfells, A., Lau, Y.Y. Effects of a series resistor on electron emission from a field emitter 1907
Luginsland, J.W. *see* Hochman, J.M. 12087
Luginsland, J.W. *see* Hochman, J.M. 53972
Lugli, P., D'Amico, A. Teaching physics for future devices 9901
Lugli, P. *see* Canali, C. 2593
Lugli, P. *see* Di Carlo, A. 54571
Lugli, P. *see* Dur, M. 32013
Lugli, P. *see* Villa, S. 54608
Lugo-Martinez, G. *see* Garcia-Quirino, G.S. 33678
Lugosi, G. *see* Linder, T. 34596
Lugscheider, E., Geiler, H.D., Lake, M., Zimmermann, H. Investigation of thermophysical properties of AlP coated cutting tools for dry machining 40707
Luguera, E. *see* Fernandez, F. 8192
Luguet, C. *see* Danielsson, H. 49080
Luh, H., Barkeshli, S., Ersoy, L. Design and experimental verification of a dual beam shaped reflector antenna 34234
Luh, P.B. *see* Feng Liu 39706
Luh, P.B. *see* Houzhong Yan 60334
Luh, P.B. *see* Tomastik, R.N. 40087
Luh, S. *see* Barkeshli, S. 34307
Luhamaa, E. *see* Raamat, R. 28063
Luhmann, N.C., Jr. *see* Hsia, R.P. 36865
Luhmann, N.C., Jr. *see* Jiang, F. 36864
Luhmann, N.C., Jr. *see* Kim, K.W. 36381
Luhmann, N.C., Jr. *see* Zhang, W.-M. 53675
Luhr, H., Warnecke, J.F., Rother, M.K.A. An algorithm for estimating field-aligned currents from single spacecraft magnetic field measurements: a diagnostic tool applied to Freja satellite data 18845
Lui, A., Margesin, B., Zen, M., Soncini, G., Verzellesi, G. Chemical sensors based on ISFET transducers 48463
Lui, A. *see* Cambiaso, A. 18930
Lui, A. *see* Grattarola, M. 58864
Lui, A. *see* Vianello, F. 50213
Lui, J.C.S. *see* Fong, C.C.F. 57861
Lui, J.C.S. *see* Leung, M.Y.Y. 58555
Lui, K.M., Chik, K.P., Xu, J.B. Epitaxial regrowth of Ge films on (001) GaAs by in situ thermal pulse annealing of evaporated amorphous germanium 30771
Lui, O.K.B., Migliorato, P. A new generation-recombination model for device simulation including the Poole-Frenkel effect and phonon-assisted tunnelling 54626
Lui, S.H. Computation of pseudospectra by continuation 40198
Lui, W. *see* Moyer, G.C. 40943
Lui, W. *see* Takeshita, T. 44560
Lui, W.W., Wei-Ping Huang, Yokoyama, K. Non-iterative finite-difference scheme for modal calculations 24548
Lui, W.W., Wei-Ping Huang, Yokoyama, K. Precision enhancement for optical waveguide analysis 33074
Lui, W.W., Yokoyama, K., Huang, W.-P. Asymmetric discretization of wave equation as boundary condition in modal analysis [integrated optics] 44055
Lui, W.W. *see* Huang, W.P. 23553
Lui Haipei *see* Yung, F.I. 3695
Lui Kung-Jong *see* Kung-Jong Lui
Lui Ping-Wing *see* Ping-Wing Lui
Lui Xiangyao *see* Qi Lanfen 41406
Lui Yinghua *see* Yinghua Lui
Luigi, F.De *see* De Luigi, F.
Luinen, S.Van *see* Van Luinen, S.

Luis, F., Bartolome, J., Tejada, J., Martinez, E. AC susceptibility study of the magnetic relaxation phenomena in CrO_2 digital compact cassette magnetic tapes 3146
Luise, M., Reggiannini, R. Carrier frequency acquisition and tracking for OFDM systems 5800
Luise, M. *see* Bartoli, A. 16129
Luise, M. *see* De Gaudenzi, R. 35908
Luisi, C. *see* Andryakov, A. 37226
Luiten, A.N., Beccaria, M., Bernadini, M., Braccini, S., Bradaschia, C., Cella, G., Ciampa, A., Curci, G., Cuoco, G.E., D'Ambrosio, E., Dattilo, V., De Salvo, R., Del Fabro, R., Di Virgilio, A., Feng, G., Ferrante, I., Fidecaro, F., Gaddi, A., Gennai, A., Giazotto, A., Holloway, L., La Penna, P., Losurdo, G., Malik, S., Mancini, S., Pan, H.B., Paoletti, F., Pasqualetti, A., Passuello, D., Poggiani, R., Raffaelli, F., Vicere, A., Zhang, Z. Ground tilt seismic spectrum measured with a new high sensitivity rotational accelerometer 48500
Luj Naiguang *see* Du Ling 44817
Lujan, R. *see* Mei, P. 2693
Lujiang Huangfu *see* Huangfu Lujiang
Lujing Cai *see* Zhaojing Zhou 34804
Lujun Chen *see* Chen Lujun
Luk, A. *see* Ng, S.C. 4714
Luk, F.T., Qiao, S. A symmetric rank-revealing Toeplitz matrix decomposition 15323
Luk, F.T., Qiao, S. An adaptive algorithm for interference cancelling in array processing 24888
Luk, K.B. *see* Cho, H.S. 59263
Luk, K.M., Leung, K.W., Chow, K.Y. Bandwidth and gain enhancement of a dielectric resonator antenna with the use of a stacking element 45403
Luk, K.M. *see* Chen, Z.N. 34305
Luk, K.M. *see* Chen, Z.N. 34328
Luk, K.M. *see* Hwang, Y. 45387
Luk, K.M. *see* Lee, K.F. 34356
Luk, K.M. *see* Leung, K.W. 4348
Luk, K.M. *see* Leung, K.W. 45360
Luk, K.M. *see* Leung, K.W. 45386
Luk, K.M. *see* Liu, Y.W. 33962
Luk, K.M. *see* Luo, Y.L. 34035
Luk, P.C.K., Drissi El Khamlichi, K., Di Fulvio, P., Fuchey, R. A low cost PC-based user interactive induction motor drive system for undergraduate laboratories 61193
Luk, P.C.K., Khamlichi, K.D.E. A low cost PC-based user interactive induction motor drive system 51669
Luk, T. *see* Blair, C. 23014
Luk, W., Guo, S., Shirazi, N., Zhuang, N. A framework for developing parametrised FPGA libraries 11419
Luk, W., Shirazi, N., Cheung, P.Y.K. Modelling and optimising run-time reconfigurable systems 21578
Luk, W. *see* Lawrence, A. 11304
Luk, W. *see* Shaori Guo 11308
Luk, W. *see* Moore, W. *(editor)* 24
Luk Kwai-Man *see* Luo Yong-Lun 45038
Luk Shu Fun *see* Shu Fun Luk
Luk Wai-Shing *see* Wai-Shing Luk
Lukacs, G. *see* Hermann, T. 565
Lukacs, M.E. *see* Boyer, D.G. 6279
Lukang Yu, Rawat, B. Design of a microstrip six-port directional coupler on an anisotropic substrate 53530
Lukang Yu, Rawatt, B. A dispersion model for three-line microstrip couplers 56088
Lukaniszyn, M. 3-D leakage field calculation in a small 3-phase tertiary-winding transformer 51068
Lukas, G. *see* Diaz, J. 21229
Lukas, R. *see* Josse, F. 36764
Lukasek, P. *see* Rousar, I. 9542
Lukash, V.S. *see* Ivonin, I.V. 21293
Lukashenko, A.V., Sivakov, A.G., Zhuravel', A.P., Turutanov, O.G., Dmitrenko, I.M. Spatial distribution of superconducting parameters and peculiarities in the behavior of thin-film high-T_c Josephson junction arrays 13496
Lukashev, A.V. *see* Vanyakin, A.V. 44186
Lukashev, E.P. *see* Dyukova, T.V. 3343
Lukasiak, L. *see* Jakubowski, A. 2262
Lukasiak, L. *see* Jakubowski, A. 54761
Lukasiak, L. *see* Jurczak, M. 32426
Lukasiewicz, T. *see* Dobrzanski, L. 2702
Lukasiewicz, T. *see* Frukacz, Z. 13534
Lukasiewicz, T. *see* Malinowski, M. 3735
Lukasiewicz, T. *see* Mierczyk, Z. 14029
Lukasiewicz, Z. Method of determination of the wind twisting moment acting on the radar antenna driven by an electrical asynchronous motor 27077
Lukasik, S.J. Industry as a partner in shaping engineering education 20717
Lukasik, W. *see* Cybulski, G. 18194
Lukaszewicz, J.P., Panas, M., Siedlewski, J. Sodium-doped carbon films for humidity sensor construction 36543
Lukaszewski, R. *see* Braun, D. 31100
Luke, C. Test set measures phase noise within 5 Hz of the RF carrier 27885
Luke, D.G., McBride, R., Jones, J.D.C., Lloyd, P., Burnett, J.G., Greenaway, A.H. Composite-embedded highly-birefringent optical fibre strain gauge with zero thermal-apparent strain 36610
Luke, D.M. *see* Mandisodza, R.L.K. 11634
Luke, H.D. Almost-perfect polyphase sequences with small phase alphabet 24748
Luke, H.D. Binary odd-periodic complementary sequences 24750
Luke, J. *see* Safari, A. 10977
Luke, K.L. Evaluation of diffusion length from a planar-collector-geometry electron-beam-induced current profile 1963
Luke, P.N. Electrode configuration and energy resolution in gamma-ray detectors 37334
Luke, P.N. *see* Celata, C.M. 60027
Luke, P.N. *see* Walton, J.T. 59281
Lukes, R. *see* Bach, E. 10297
Lukey, S.W. *see* Maes, J.W.H. 40435
Lukianova, S.N. *see* Grigoriev, Yu.G. 37894
Lukianovich, A., Ashour, O., Thurston, W., Rogers, C., Chaudhry, Z. Electrically-controlled adjustable-resistance exercise equipment employing magnetorheological fluid 18177
Lukic, L. *see* Stefanovic, D. 40667
Lukie, C. Electrical power optimization in a SE Saskatchewan oilfield 20286
Lukin, A.A. Effects of chemical inhomogeneity and texture on magnetic properties of sintered (Nd,Dy,Tb)-(Fe,Ti)-B specimens 3243
Lukin, M.D. *see* Nikonov, D.E. 13957
Lukin, P.A. *see* Anashkin, E.V. 37232
Lukin, V.A. *see* Barchuk, I.P. 32085
Lukin, V.P., Fortes, B.V. The influence of wavefront dislocations on phase conjugation instability with thermal blooming compensation 24258
Lukin, V.V., Melnik, V.P., Pogrebniak, A.B., Zelensky, A.A. Techniques and algorithms of speckle noise reduction for one-look SAR images 26956
Lukin, V.V., Melnik, V.P., Progrebniak, A.B., Zelensky, A.A., Astola, J.T., Saarinen, K.P. Digital adaptive robust algorithms for radar image filtering 5253
Lukin, V.V., Saramaki, T. Step-like weighting windows for DSP in spectral analysis and antenna arrays 45907
Lukin, V.V. *see* Anukhin, I.P. 45432
Lukin, V.V. *see* Anukhin, I.P. 45438
Lukin, V.V. *see* Kalmykov, A.I. 16923
Lukin, V.V. *see* Melnik, V.P. 15930
Lukishova, S.G., Chetkin, S.A., Mettus, N.V., Magulariya, E.A. Techniques for fabrication of multilayer dielectric graded-reflectivity mirrors and their use in enhancement of the brightness of the radiation from a multimode Nd^{3+}:YAG laser with a stable cavity 14230
Lukishova, S.G., Lebedev, K.S., Magulariya, E.A. Influence of nonlinear effects in the CLC end mirror on the output characteristics of the Nd:YAG laser 14031
Lukishova, S.G., Lebedev, K.S., Magulariya, E.A. Light-induced nonlinear bleaching of the CLC film under the conditions of selective reflection 14291
Lukishova, S.G., Lebedev, K.S., Magulariya, E.A. cw and high-repetition rate Nd:YAG laser with nonlinear cholesteric liquid crystal mirror 23847
Lukishova, S.G., Magulariya, E.A., Lebedev, K.S. Experimental observation of Nd:YAG laser field-induced nonlinear frustration of selective Bragg reflection in the cholesteric liquid crystal 33614
Lukkarinen, S., Noponen, A.-L., Angerla, A., Sikio, K., Sepponen, R. A recording stethoscope in study of heart sounds of children 28097
Lukkarinen, S. *see* Ritola, J. 28096
Lukkien, J.J. *see* van Beek, J.C.M. 15997
Luklum, R., Behling, C., Cernosek, R.W., Martin, S.J. Determination of complex shear modulus with thickness shear mode resonators 48933
Lukomskii, G.V. *see* Mazurenko, Yu.T. 4117
Lukomsky, V.P., Bobkov, V.B. Asymptotic expansions of the solutions of nonlinear evolution equations 45091
Lukonin, V.P. *see* Sazhin, V.G. 58871
Lukosevicius, A., Vaiciunas, A., Burnovas, S. Development of ultrasonic transducers for medical diagnostics 49423
Lukosz, W. Integrated-optical nanomechanical systems 44051
Lukosz, W. *see* Dangel, R. 33104
Lukosz, W. *see* Gabathuler, W. 23568
Lukowiak, M. *see* Handkiewicz, A. 11567
Lukowicz, P. Design of an efficient shared memory architecture using hybrid opto-electronic VLSI circuits and space invariant optical buses 55361
Lukowski, T.I. *see* Livingstone, C.E. 8533
Lukowski, T.I. *see* Srivastava, S.K. 16893
Luksan, L. Efficient trust region method for nonlinear least squares 553
Luksch, P. A test environment for the evaluation of different approaches to distributed logic simulation 53115
Lukson, L. Combined trust region methods for nonlinear least squares 554
Lukyanchikova, N. *see* Simoen, E. 42992
Lukyanchikova, N.B., Garbar, N.P., Petrichuk, M.V., Rezazadeh, A.A., Bashar, Sh.A. Noise properties of AlGaAs/GaAs HPTs with transparent ITO emitter contacts 55428
Luk'yanchuk, B., Bityurin, N., Anisimov, S., Maiyshev, A., Arnold, N., Bauerle, D. Photophysical ablation of organic polymers: the influence of stresses 947
Luk'yanova, L.N. *see* Alekseeva, G.T. 12309
Luk'yanova, L.N. *see* Kutasov, V.A. 54126
Lula, B. *see* Spanner, K. 13318
Lulin Chen, Chang Wen Chen, Parker, K.J. Small object detection using morphological filtering and multiresolution analysis with application to microcalcification detection in mammograms 57371
Lulin Chen *see* Chang Wen Chen 15479
Lulli, G. *see* Albertazzi, E. 31883
Lulli, G. *see* Bianconi, M. 54356
Lulli, G. *see* Nylandsted Larsen, A. 42371
Lulli, G. *see* O'Raifeartaigh, C. 30743
Lullo, G., Arnone, C., Giaconia, C.G. Technologies for the fabrication of cylindrical fine line devices 42865
Lullo, G. *see* McKee, A. 12507
Lullo, G. *see* Marsh, J.H. 3450
Lum, G.K., Kinell, D.K., May, R.J., Robinette, L.E. Performance of commercial analog multiplexers for spaceborne applications 22995
Lum, G.K. *see* Van Eck, T.E. 44074
Lum, N. *see* Solomon, S. 48651
Lumbreras, F., Serrat, J. Wavelet filtering for the segmentation of marble images 5509
Lumley, J.M. *see* Polushkin, V. 48443
Lummel, R.C.Van *see* Van Lummel, R.C.
Lumpp, J.K., Li, H., Al-Banna, S. Excimer laser assisted deposition of metal films on aluminum nitride 22626
Lumpp, J.K. *see* Albanna, S. 53813
Lumpp, J.K. *see* Hodges, S.L. 52220
Lumsdaine, A., Deyun Wu Spectra and pseudospectra of waveform relaxation operators 40138
Lun, D.Pak-Kong *see* Pak-Kong Lun, D.
Lun, D.P.K. *see* Tak-Wai Shen 15905
Lun Hung Sheung *see* Hung Sheung Lun
Lun Ma Siu *see* Siu Lun Ma
Luna, J.J. *see* Plaza, A. 41601
Luna, L.J. Automated DFT analysis for bare and loaded board testing 41610
Luna-Arredondo, E.J. *see* Osorio-Saucedo, R. 48426
Lunardi, L.M., Chandrasekhar, S. Integrated p-i-n/HBT photoreceivers for optical communications 47992
Lunardi, L.M., Chandrasekhar, S., Gnauck, A.H., Burrus, C.A., Hamm, R.A. 20 Gb/s monolithic p-i-n/HBT photoreceiver module for 1.55 μm applications 26733
Lunardi, L.M. *see* Chandrasekhar, S. 47936
Lunardi, L.M. *see* Garrett, L.D. 26872
Lunardi, L.M. *see* Garrett, L.D. 55474
Lunardi, L.M. *see* Gutierrez-Aitken, A.L. 26734
Lunardi, L.M. *see* Rios, J.M.M. 21930
Lunardi, L.M. *see* Samelis, A. 12891
Lunardon, G. *see* Johnson, N.L. 45560
Lunardon, M. *see* Fioretto, E. 59283
Lunazzi, J.J. A new possibility of holographic television 44797
Lund, A., Laux, L., Aykin, N. Computers and telecommunications in the year 2000–viewing the future, empowering people, and internationalizing user interfaces 57702
Lund, C.P. *see* Clare, B.W. 31880
Lund, D.E. *see* Daida, J.M. 18891
Lund, D.E. *see* Meadows, G. 18883
Lund, J. *see* Carlson, T.S. 40241
Lund, J. *see* Redus, R. 37495
Lund, J. *see* Schlesinger, T.E. 37554
Lund, J.C., VanScyoc, J.M., III, James, R.B., McGregor, D.S., Olsen, R.W. Large volume room temperature gamma-ray spectrometers from $Cd_xZn_{1-x}Te$ 37557
Lund, J.C. *see* Schieber, M. 7805
Lund, J.C. *see* Shah, K.S. 37339
Lund, J.C. *see* Van Scyoc, J.M. 7837
Lund, M.A., Ma, K., Gish, H. Statistical language identification based on untranscribed training 14983
Lund, M.W., Decker, K.W., Perkins, R.T., Phillips, J.D. Low noise JFETs for room temperature X-ray detectors 37496
Lund, M.W. *see* Phillips, J.D. 30690
Lund, P.D. *see* Peippo, K. 19621
Lund, S.M., Halbach, K. Iron-free permanent magnet systems for charged particle beam optics 59155
Lund, S.M. *see* Barnard, J.J. 59104
Lund, S.M. *see* Friedman, A. 59103
Lundberg, G. *see* Ovegard, A. 59787
Lundberg, N., Ostling, M. Thermally stable low ohmic contacts to p-type 6H-SiC using cobalt silicides 2251
Lundberg, N. *see* Ostling, M. 2260
Lundberg, T. *see* Berggren, K.-F. 2217
Lundblad, A., Bergman, B. Determination of contact angle in porous molten-carbonate fuel-cell electrodes 61061
Lundborg, B. *see* Vastberg, A. 14615
Lundgaard, L., Linhjell, D., Berg, G., Sigmond, S. Positive and negative streamers in oil gaps with and without pressboard interfaces 23122
Lundgaard, L.E. *see* Runde, M. 51426
Lundgreen, P. Handling risk: expertise and regulatory politics in Germany, 1870-1913 39961
Lundgren, L. *see* Madsen, K. 1754
Lundgren, P. *see* Farmer, K.R. 2580
Lundgren, S. A study of mutual coupling effects on the direction finding performance of ESPRIT with a linear microstrip patch array using the method of moments 34439
Lundgren, S.A., Bergqvist, A.J., Engdahl, S.G. A rate-dependent magnetostrictive simulation method

for silicon-iron sheets under harmonic excitation 43640
Lundin, B., Krafft, C. On the focusing of whistler wave field intensity in the quasi-resonant propagation regime 45139
Lundin, W.V., Pushnyi, B.V., Usikov, A.S., Gaevski, M.E., Baidakova, M.V. Some features of initial stages of the GaN epigrowth by low pressure metalorganic chemical vapor deposition method 52640
Lundquist, P.B., Andersen, D.R. Solitary four-wave-mixing states in $\chi^{(3)}$ media 33635
Lundquist, P.M., Lin, W., Zhou, H., Hahn, D.N., Yitzchaik, S., Marks, T.J., Wong, G.K. Frequency doubling in two-component self-assembled chromophoric waveguide structures 44727
Lundquist, P.M., Wortmann, R., Geletneky, C., Twieg, T.R.J., Jurich, M., Lee, V.Y., Moylan, G.R., Burland, D.M. Organic glasses: a new class of photorefractive materials 23446
Lundquist, T., Brown, J. Focused ion beams help debug analog and mixed-signal devices 2745
Lundqvist, A., Gronberg, T. Network management simulators 35634
Lundqvist, K. *see* Elgh, R. 51469
Lundqvist, L. *see* Sahlen, O. 36141
Lundstrom, I. Why bother about gas-sensitive field-effect devices? 7480
Lundstrom, I. Approaches and mechanisms to solid state based sensing 27724
Lundstrom, I. *see* Holmberg, M. 36784
Lundstrom, L. *see* Nelwan, S. 49623
Lundstrom, M. Scattering theory of the short channel MOSFET 43021
Lundstrom, M. *see* Holden, T. 41918
Lundstrom, M.S. *see* Chen, E.H. 42065
Lundstrom, M.S. *see* D'Souza, S.L. 48860
Lundstrom, T., Dalfors, J., Holtz, P.O., Zhao, Q.X., Monemar, B., Landgren, G., Wallin, J. Self-consistent calculations and magnetoluminescence studies of strained InP/$In_xGa_{1-x}As$ heterojunctions 2129
Lundszien, D. *see* Folsch, J. 39149
Lundt, H. *see* Ehlert, A. 54022
Lundy, L. The fuse-selection checklist: a quick update 22016
Luneau, P., Delisle, G.Y. Underground target probing using FDTD 36232
Lunedei, E., Matteucci, G., Frost, B.G., Greve, J. Observation of the stray field of thin film magnetic tips using electron holography 7543
Lunev, A.V. *see* Gladysheva, L.G. 3883
Lunev, A.V. *see* Maksimov, M.V. 44463
Lunev, A.V. *see* Shernyakov, Yu.M. 55653
Lung, G. *see* Radford, W. 17492
Lung, L.C. *see* Fraga, J. 57852
Lung Chien-An *see* Chien-An Lung
Lung Ren-Kuang *see* Kao Wen-Shiow 51878
Lung-Tien Liu, Shih, M., Lillis, J., Chung-Kuan Cheng Data flow partitioning with clock period and latency constraints 31050
Lungu, C. *see* Kleps, I. 41779
Lungu, P. *see* Brezeanu, G. 42937
Lungu, P.D. Modelling of SiC vertical power DMOSFET structure using the fundamental MOSFET's set of equations 43096
Lunin, A. *see* Alexandrov, V. 37144
Lunin, R.A. *see* Kul'bachinskii, V.A. 31947
Lunin Du *see* Du Lunin
Luning, S. *see* Rousseau, P.M. 1970
Lunitz, B., Jahns, J. Tolerant design of a planar-optical clock distribution system 23708
Lunn, B. *see* Klar, P.J. 12510
Lunn, B. *see* Ozanyan, K.B. 23884
Lunn, B. *see* Ozanyan, K.B. 33557
Lunn, T.J. *see* Burr, A.G. 24639
Lunney, J.G. *see* Masterson, H.J. 43604
Lunsford, L.D. *see* Flickinger, J.C. 59765
Lunte, S.M. *see* Lin, Y.-C. 23063
Lunz, U., Keim, M., Reuscher, G., Fischer, F., Schull, K., Waag, A., Landwehr, G. Resonant electron tunneling in ZnSe/BeTe double-barrier, single-quantum-well heterostructures 2149
Lunz, U. *see* Schull, K. 54164
Luo, A., Tao, W., Burkhardt, H. A new multilevel line-based stereo vision algorithm based on fuzzy techniques 5096
Luo, D. *see* Mardirossian, G. 7967
Luo, D.-S. *see* Pretorius, P.H. 28237
Luo, F., Meng, A., Liu, J., Kim, K., Park, D. Optical fiber sensing method for the in-situ cure monitoring of composite materials 30983
Luo, F. *see* Meng, A. 36642
Luo, G. *see* Liang, G. 32941
Luo, H., Lu, W.-S., Antoniou, A. A weighted quasi-balanced model reduction method for 2-D discrete systems 4903
Luo, H. *see* Kioseoglou, G. 41959
Luo, H. *see* Weinstein, B.A. 22231
Luo, H.J., Yeh, C.S., Hwang, K., Mendel, R. MSIM2: mixed-signal short channel IGFET model for circuit simulations 43097
Luo, J., Kaler, K., Olthuis, W., Bergveld, P. Integration of an ISFET with a porous microelectrode for application to protein characterization 17557
Luo, J. *see* Wang, H. 55470
Luo, J.K., Westwood, D., Thomas, H., Morgan, D.V. Capacitance behavior of GaAs-MIS structures with low-temperature grown GaAs dielectric 54292
Luo, J.S. *see* Hansen, D.A. 54421
Luo, K., Shi, Z., Varesi, J., Majumdar, A. Sensor nanofabrication, performance, and conduction mechanisms in scanning thermal microscopy 48473
Luo, R.C. *see* Hamada, T. 46273
Luo, S. *see* Afonso, V.X. 37788
Luo, T.-L. *see* Pei, S.-C. 4853
Luo, W. *see* Jullien, G.A. 31321
Luo, X., Chung, D.D.L. Electromagnetic interference shielding reaching 130 dB using flexible graphite 34109
Luo, Y., Slater, D.A., Levy, M., Osgood, R.M., Jr Chemical preparation of CdTe(100) and (110) surfaces using atomic hydrogen 2372
Luo, Y., Wang, W. Distributed feedback semiconductor lasers and their application in photonic integrated devices 23888
Luo, Y.L., Chen, T.P., Fung, S., Beling, C.D. Reverse I-V characteristics of Au/semi-insulating GaAs(100) 42248
Luo, Y.L., Luk, K.M., Liu, Y.W., Mei, K.K., Yung, E.K.N. MEI solution of 2D scattering of a cylindrical-parabolic reflector 34035
Luo, Z. *see* Cosmas, J. 26243
Luo, Z. *see* Yingling, J.C. 39479
Luo Binghai *see* Liu Xiaoying 35027
Luo Caomin The application of the microcomputer in the monitoring and management system for in-house electric power usage 28822
Luo Cheng-Lin *see* Cheng-Lin Luo
Luo Ching-Hsing *see* Ching-Hsing Luo
Luo Chuan-Hui *see* Wan Xiao-Yan 56459
Luo Dershan *see* Dershan Luo
Luo Deyuan *see* Wang Chuangshe 58902
Luo Deyuan *see* Wang Zhao 27799
Luo Fang Lin *see* Fang Lin Luo
Luo Fei *see* Fei Luo
Luo Feilu *see* Feilu Luo
Luo Fengguang *see* Li Hongpu 33189
Luo Gui-Peng *see* Gui-Peng Luo
Luo Helie *see* Han Dehua 13430
Luo Hong *see* Hong Luo
Luo Hua *see* Hua Luo
Luo Hui *see* Hui Luo
Luo Ji *see* Zou Jiyan 29471
Luo Jian *see* Jian Luo
Luo Jiangtao *see* Cheng Zhaogu 3699
Luo Jiangtao *see* Kang Hui 4131
Luo Jianhua, Lu Weixue Fuzzy multicriterion NMR image reconstruction technology 7975
Luo Jianjun, Deng Xiancan An interface ASIC design using FPGA 53146
Luo Jiebo *see* Jiebo Luo
Luo Jing *see* Chen Ping 39882
Luo Jinsheng *see* Lou Xu 2616
Luo Jinsheng *see* Sun Xiaowei 53653
Luo Jinsheng *see* Zeng Zheng 54594
Luo Jinsheng *see* Zhang Wanrong 11697
Luo Jinsheng *see* Zhang Wanrong 31891
Luo Jiong *see* Wang Hui 1072
Luo Jirun, Zhang Shichang, Din Yaogen, Song Wenmiao Analysis of a mode filter 53559
Luo Jun *see* Wu Shuchao 27958
Luo Junzhou *see* Junzhou Luo
Luo Ke-Jian, Zheng Hou-Zhi, Zhang Ting, Li Cheng-Fang, Yang Xiao-Ping, Zhang Peng-Hua, Zhang Wei, Tian Jin-Fa Photoluminescence investigation of charge build-up process in the emitter of a double-barrier resonant tunneling structure 31993
Luo Liguo *see* Liguo Luo
Luo Lijun *see* Lijun Luo
Luo Ming *see* Ming Luo
Luo Pengling *see* Yao Zhongxing 34453
Luo Qi *see* Qi Luo
Luo Qingming *see* Zeng Shaoqun 18315
Luo Qingzheng *see* Duan Limin 18082
Luo Rong *see* Zhong Wenfa 38501
Luo Ruifu *see* Guo Qingding 50948
Luo Ruifu *see* Wang Limei 51062
Luo Shui-Ping *see* Shui-Ping Luo
Luo Shuyun *see* Chen Gelin 8567
Luo Suhuai *see* Suhuai Luo
Luo Wei *see* Wei Luo
Luo Xiaochuan *see* Yan Lian 19045
Luo Xiaogang *see* Xiaogang Luo
Luo Xingqi *see* Chen Naixiang 29141
Luo Xizhang, Li Cong Characteristics of the mini-optically pumped NH_3 FIR cavity laser emission at 67.2 μm, 90.4 μm and 151.5 μm 55511
Luo Xizhang *see* Qin Jiayin 13968
Luo Xizhang *see* Qin Jiayin 55513
Luo Xizhang *see* Zheng Xingshi 55505
Luo Xizhang *see* Xizhang Luo
Luo Yaohuang *see* Chen Xueguan 54039
Luo Yi *see* Wang Wen 44440
Luo Yi *see* Yi Luo
Luo Yifang, Fu Xiafei, Shi Liuzhong, Peng Xiangang The development of real-time software package for dispatcher power flow and comprehensive reactive power optimization in district power network 8815
Luo Yixiao *see* Chen Xinfeng 18143
Luo Yong-Lun, Luk Kwai-Man Iterative boundary condition (IBC) in finite difference solving scattering problems of open region 45038
Luo Yupin, Yang Shiyuan, Zheng Xiao Constructing optimal fault-tolerant routings for bidirectional double-loop LANs 57676
Luo Yupin *see* Yupin Luo
Luo Yusun, Dai Yongrong, Zhu Kun, Xue, Y. MMI of an on-line transient stability quantitative analysis software [power system simulation] 38225
Luo Yusun, Xue Y The technological summary of MMI in EMS 28797
Luo Zhengxiang *see* Zhengxiang Luo
Luo Zhong-Xuan *see* Zhong-Xuan Luo
Luo Zhu *see* Tang Changqing 60346
Luo Zhuolin, Zhang Maocheng, Huang Zhijia Analysis of semiconductor multi-rod system [power system lightning protection] 38437
Luofei Liu *see* Liu Luofei
Luogang Wei *see* Samarasekera, S. 59452
Luoma, P. *see* Freynet, M. 57983
Luomin Gao, Heath, D.G., Kusayk, B.S., Fishman, E.K. Automatic liver segmentation technique for three-dimensional visualization of CT data 59426
Luong, G.M., Walker, D.M.H. Test generation for global delay faults 41015
Luong, H. *see* Chen, T.R. 23920
Luong, H. *see* Chen, T.R. 55646
Luong, H.C. *see* Kin Chung Mak 53078
Luong, H.Cam *see* Cam Luong, H.
Luong, H.T., Marechal, Y., Meunier, G. Computation of 3-D current driven eddy current problems using cutting surfaces 44951
Luong, M., Safa, H., Bonin, B., Junquera, T., Le Goff, A., Maissa, S. A comparison of enhanced field emission from broad surfaces in direct-current and radiofrequency regimes 53947
Luong Nguyen *see* Mu, A. 6415
Luor Tain-Syh *see* Tain-Syh Luor
Luostarinen, J. *see* Silfsten, P. 7433
Lupan, S.P. *see* Homeyer, W.G. 18709
Lupano, D. *see* Fumi, F. 54820
Lupei, V. *see* Dinca, A. 3935
Lupelli, L. *see* Pescosolido, N. 28409
Lupi, S. *see* Dughiero, F. 51841
Luping Yu *see* Zhonghua Peng 23433
Lupke, G. *see* Lu, Z.G. 14365
Lupke, G. *see* Ohlhoff, C. 44714
Lupke, G. *see* Pfeifer, T. 58968
Lupkovics, G. *see* Kukhlevsky, S.V. 23549
Lupnacca, J.D. *see* Hudson, B. 49972
Lupo, G., Egiziano, L., Tucci, V., Vitelli, M., Mazzetti, C., Pompili, M. A fractal analysis for discharge growth in liquid dielectrics 32628
Lupo, G., Petrarca, C., Egiziano, L., Spagnuolo, G., Tucci, V. A methodological approach for improvement of vacuum-insulated HV bushings 28923
Lupo, G. *see* Egiziano, L. 8942
Lupon, N. *see* Armengol, J. 30193
Lupon, N. *see* Laguarta, F. 3323
Lupon, N. *see* Laguarta, F. 13942
Luppi, E. *see* Ambrogiani, M. 59219
Luppino, G.A. *see* Cuillandre, J.-C. 48679
Lupton, E.C., Jr. *see* Jackson, D.K. 51195
Luque, A., del Canizo, C., Lagos, R., Moehlecke, A. Dynamic modelling of the diffusion-segregation gettering. Application to the gettering by Al in Si 1992
Luque, A., Marti, A. Entropy production in photovoltaic conversion 61081
Luque, A., Sala, G., Araujo, G., Bruton, T. Cost reducing potential of photovoltaic concentration 29150
Luque, A. *see* Sala, G. 38650
Luque-Escamilla, P.L. *see* Garcia-Cabrera, L. 1612
Lur, W. *see* Chen, C. 42610
Lur Water *see* Water Lur
Luren Yang, Albregtsen, F., Taxt, T. Fast computation of three-dimensional geometric moments using a discrete divergence theorem and a generalization to higher dimensions 57149
Lurie, C., Foroozan, S., Brewer, J.C., Jackson, L.G. Low rate trickle charging of nickel-hydrogen batteries 18722
Lurie, C. *see* Brewer, J.C. 18721
Lurkins, J.W., Irakliotis, L.J., Stanko, P., Snyder, R.D., Mitkas, P.A., Wilmsen, C.W. Design and demonstration of an optoelectronic look-up table using VCSEL-based logic 33171
Lurong Guo *see* Kuoping Wang 14435
Lurong Guo *see* Weiping Zhang 55922
Lurong Guo *see* Guo Lurong
Lursinsap, C. *see* Ching-Liang Su 5611
Luryi, S. *see* Belenky, G.L. 55605
Luryi, S. *see* Gorfinkel, V. 23932
Lusakowska, E. *see* Kutrowski, M. 10723
Lusakowski, A. *see* Story, T. 12313
Luscher, R. *see* Lou, K. 7818
Luse, R.W., Eenmaa, J., Kwiatkowski, T., Schumacher, D. In vivo diode dosimetry for total marrow irradiation 37915
Lush, G.B. The physics of electronic devices as taught using computer-generated scientific visualizations and notes that are deliverable over the WWW 20720
Lusheng Wang, Tao Jiang An approximation scheme for some Steiner tree problems in the plane 10315
Lusignan, B.B. *see* Shen, D.H. 11569
Lusini, L. *see* Luszik-Bhadra, M. 8194
Lusis, A. *see* Kleperis, J. 9499
Lusis, A. *see* Pentjuss, E. 3309
Luskin, M. Approximation of a laminated microstructure for a rotationally invariant, double well energy density 10466

Lusse, P., Ramm, K., Unger, H.-G., Schule, J. Comparison of a vectorial and new semivectorial finite-difference approach for optical waveguides 55243
Lusse, P., Unger, H.-G. 3D vectorial wide angle BPM utilizing a multi-grid equation solver 23558
Lusse, P., Unger, H.-G. Finite difference method for anisotropic planar optical waveguides 44043
Lusse, P., Unger, H.-G. Stability properties of 3-D vectorial and semivectorial BPMs utilizing a multi-grid equation solver 55247
Lusse, P. *see* Schwander, T. 33128
Lussem, G., Geffarth, F., Greiner, A., Heitz, W., Hopmeier, M., Oberski, M., Unterlechner, C., Wendorff, J.H. Polarized electroluminescence of light emitting liquid crystalline polymers 13871
Lussier, T., Frechette, M.F., Larocque, R.Y. Gaseous contaminants in SF_6 interacting with alumina 13314
Lussier, T. *see* Rochefort, A. 43466
Lussignol, Y. *see* Garvey, T. 49193
Lusson, A. *see* Lusson, L. 10911
Lusson, A. *see* Lusson, L. 42000
Lusson, L., Lusson, A., Correia, A., Ballutaud, D. Correlation between the hydrogen bonding configurations in amorphous sputtered silicon and the crystallized material microstructure 10911
Lusson, L., Lusson, A., Elkaim, P., Dixmier, J., Ballutaud, D. Hydrogen configurations and stability in amorphous sputtered silicon 42000
Luste, O.J. *see* Anatychuk, L.I. 39233
Luste, O.J. *see* Anatychuk, L.I. 39237
Luste, O.J. *see* Anatychuk, L.I. 39242
Lusted, H.S., Knapp, R.B. Controlling computers with neural signals 8166
Luster, B.T., Teskiba, M.A. CASS case study 36417
Lustermann, W. *see* Adam, A. 37280
Lustermann, W. *see* Berdugo, J. 37448
Lusth, J.C., Dixon, B., Jackson, D.J., Burkett, S.L. Quantum-dot cellular automata and the problem of unbalanced logic gates 53265
Lustrac, A.De *see* De Lustrac, A.
Luszik-Bhadra, M., d'Errico, F., Lusini, L., Wiegel, B. Microdosimetric investigations in a proton therapy beam with sequentially etched CR-39 track detectors 8194
Lutes, C., Kastella, K., Leininger, B. Advanced conflict alert algorithms for air traffic control 49960
Lutfiyya, H. *see* Hong, J.W. 46909
Luth, H. Tunneling in semiconductor nanostructures: physics and devices 13037
Luth, H. *see* Arrand, H. 33092
Luth, H. *see* Bertuccio, G. 37575
Luth, H. *see* Chretien, O. 2161
Luth, H. *see* Engels, G. 42164
Luth, H. *see* Hartmann, A. 790
Luth, H. *see* Kruger, M. 33257
Luth, H. *see* Langen, W. 2715
Luth, H. *see* Marso, M. 22755
Luth, H. *see* Neurohr, K. 22448
Luth, H. *see* Rente, C. 59279
Luth, H. *see* Schimpf, K. 41444
Luth, H. *see* Schmidt, T. 43158
Luth, H. *see* Schoning, M.J. 13180
Luth, H. *see* Schoning, M.J. 27486
Luth, H. *see* Souifi, A. 2174
Luth, H. *see* Thonissen, M. 44174
Luth, H. *see* Uhlisch, D. 23398
Luth, H. *see* Wickenhauser, S. 22291
Luther, B. *see* Kane, W.F. 40586
Luther, B.P., Mohney, S.E., Jackson, T.N., Khan, M.A., Chen, Q., Yang, J.W. Investigation of the mechanism for Ohmic contact formation in Al and Ti/Al contacts to n-type GaN 22425
Luther, B.P. *see* Mohney, S.E. 12539
Luther, M. *see* Clodius, D. 8797
Luther, U. *see* Junghanns, P. 30660
Luther-Davies, B. *see* Christou, J. 4027
Luther-Davies, B. *see* Krolikowski, W. 4053
Luther-Davies, B. *see* Krolikowski, W. 55886
Luther-Davies, B. *see* Samoc, N. 44255
Luthi, H. Seconds to decide: Emergency calls 26042
Luthke, B. *see* Hoyer, D. 28077
Luthon, F. *see* Dumontier, C. 46475
Luthra, A. *see* Chen, X. 48228
Luthy, W. *see* Ghisler, C. 3727
Luthy, W. *see* Wittwer, S. 3766
Lutjering, G. *see* Ye, P. 2202
Lutovac, M.D., Novakovic, D., Markoski, I. Selective SC-filters with low passive sensitivity 53407
Lutovac, M.D., Tosic, D.V. A symbolic design of Cauer filters 53398
Lutschounig, F., Vodiunig, R. Buried jumper technology [PCBs] 11947
Lutsenko, A.P. *see* Losev, L.L. 4082
Lutsenko, E.V. *see* Gurskii, A.L. 22364
Lutsenko, E.V. *see* Yablonskii, G.P. 55601
Lutsenko, V.I., Kirichenko, V.A. Vessel-velocity evaluation by vessel-wave backscattering spectrum characteristics with noncoherent radar 27076
Lutsiv, V.R. *see* Dolinov, D.S. 56599
Lutsko, J.M., Turbyfill, M.E. Simulation of multipath jammer scenarios to support adaptive cancellation field tests 19026
Lutsko, J.M. *see* Turbyfill, M.E. 8667
Lutsky, J.J., Naik, R.S., Reif, R., Sodini, C.G. A sealed cavity TFR process for RF bandpass filters 41517
Lutter, F.-J. *see* Frieling, G. 27132
Luttgen, A.A.E., Balmain, K.G. Nonreciprocal magnetoplasma sheath waves 14733
Luttgens, G. Static electricity hazards in the use of flexible intermediate bulk containers (FIBCs) 55964
Luttmer, J.D. *see* Dixit, G.A. 42665
Luttmer, J.D. *see* Lu, J.P. 42617
Luttmer, J.D. *see* Nag, S. 42596
Lutton, E., Levy-Vehel, J., Cretin, G., Glevarec, P., Roll, C. Mixed IFS: resolution of the inverse problem using genetic programming 57394
Lutwyche, M.I. *see* Heike, S. 2369
Lutz, A.M. New Cherenkov detectors for $B\bar{B}$ factories 37411
Lutz, D.R., Jayasimha, D.N. Programmable modulo-K counters 11267
Lutz, E., Jahn, A., Werner, M., Bischl, H. DLR activities in the field of personal satellite communications systems 6701
Lutz, F. *see* Hebling, C. 39026
Lutz, G. *see* Cesura, G. 59256
Lutz, J., Kuchar, F. A study of the interacting electron system in stressed (001) Si MOSFETs 2677
Lutz, J., Kuchar, F. Interaction effects in the many-valley system of Si MOSFETs 43003
Lutz, L.G. Power to the Internet: reliable power systems are critical for Internet service providers 38860
Lutz, R. *see* Zajac, D.J. 28265
Lutz, R.D., Seo, Y., Godshalk, E., Tripathi, V.K. Spiral inductor design issues in a multilayered medium 53639
Lutz, R.D. *see* Seo, Y. 1883
Lutz, R.D. *see* Seo, Y. 53867
Lutz, W. *see* Doppelbauer, A. 8080
Lutz, Y., Albe, F., Tribillon, J.-L. Development of a blue emitting solid state laser for colour holography applications 4116
Luukko, K. *see* Kemppainen-Kajola, P. 17798
Luvall, J. *see* Schiller, S. 18841
Luwei Zhou *see* Jianyao Wu 44697
Lux, A. *see* Friend, R.H. 44224
Lux, B. *see* Donecker, J. 10594
Lux, G.E. *see* Sheng, J. 2304
Lux, M. *see* Rotondaro, A.L.P. 42479
Lux, R.L. *see* MacLeod, R.S. 59726
Lux, T. *see* Sydow, A. 50224
Lux-Steiner, M.C. *see* Herbernholz, R. 12323
Luyo-Alvarado, J., Melendez-Lira, M., Lopez-Lopez, M. Optical characterization of highly strained $In_xGa_{1-x}As/GaAs$ single quantum wells 2140
Luypaert, R. *see* Peeters, F. 18280
Luysberg, M., Hapke, P., Carius, R., Finger, F. Structure and growth of hydrogenated microcrystalline silicon: investigation by transmission electron microscopy and Raman spectroscopy of films grown at different plasma excitation frequencies 40521
Luysberg, M. *see* Hapke, P. 21331
Luyten, J. *see* Stephen, R. 27971
Luzanov, V.A. *see* Baru, V.G. 12582
Luzeaux, D. Mixed filtering and intelligent control for target tracking with mobile sensors 46205
Luzhin, V. Simulation and optimal design of secondary batteries 9512
Luzio, S.Di *see* Di Luzio, S.
Luzzana, M. *see* Moscone, D. 59396
Lvhiden, G. *see* Berg, M. 37259
L'vov, A.A. Automatic laser vibration gauge 17211
L'vov, A.A. Automatic parameter gauge for microwave dipoles using a multiport system 17753
Lvov, B.V., Nashash, H.A. Optimization of losses in optical communication lines 6829
Lvov, B.V., Petrunkin, V.Yu. Generalised eigenfunction method for radiative systems 1697
L'vov, S.G. *see* Cherkasov, F.G. 48845
L'vova, T. *see* Fattakhov, Y. 42362
Lvovsky, Yu.M., Neeley, G.W., Wei Tong, Grut, K.E., Antaya, T.A. Effect of incorporating cooling channels into the coil support structure of the TPX toroidal field magnet 32939
Ly Hung *see* Hung Ly
Lyabin, N.A., Zubov, V.V., Koroleva, M.E., Ugol'nikov, S.A. Industrial sealed-off copper vapor lasers with improved efficiency and radiation power 13915
Lyahou, K. *see* van der Horn, G. 17274
Lyahovitskaya, V. *see* Lyubomirsky, I. 31957
Lyahyaoui, H. *see* Boutbila, M.A. 31898
Lyakas, M., Parnis, D., Kaplan, W.D., Zolotoyabko, E., Eizenberg, M., Demuth, V., Strunk, H.P. Unusual strain relaxation in SiGe/Si heterostructures 42061
Lyakhov, D.M. *see* Shanin, O.I. 46057
Lyakhova, M.B. *see* Pastushenkov, Yu.G. 55021
Lyakhova, M.B. *see* Suponev, N.P. 3150
Lyalikov, A.M. Optical methods for determination of the spatial position of photographed surfaces with a periodic structure by using a single photograph. I. Moire methods 5199
Lyalikov, A.M. Coherent optical processing of a photograph with an image of a surface having periodic structure 25517
Lyalikov, A.M. Visualizing the spatial position of surfaces having a periodic texture in real time on the basis of the moire effect 48868
Lyalin, A.A. *see* Dolgaev, S.I. 42662
Lyalinov, M.A. Diffraction of a plane wave by a wedge with thin material coatings 14590
Lyall, M.J., Orr, R.S. Statistical behavior of wavelet transmultiplexers in arbitrary synchronization states 15302
Lyall, M.J. *see* Kadambe, S. 27091
Lyamets, Yu.Ya., Il'in, V.A., Podshivalin, N.V. Program package for analysis of transmission line emergency processes and fault location detection 38439
Lyamets, Yu.Ya., Il'in, V.A., Podshivalin, N.V. Fault location in transmission lines 60442
Lyanda-Geller, Yu.-B. *see* Leburton, J.-P. 32475
Lyapin, A.G., Brazhkin, V.V., Popova, S.V., Sapelkin, A.V. Nonequilibrium phase transformations in diamond and zincblende semiconductors under high pressure 22208
Lyapin, A.G. *see* Sapelkin, A.V. 22274
Lyapin, A.G. *see* Sapelkin, A.V. 42005
Lyapin, S.G., Lomsadze, A.V., Trojan, I.A., Klipstein, P.C., Mason, N.J., Walker, P.J. Pressure-tuned resonance Raman scattering in InAs/GaSb superlattices 22353
Lyapin, S.G. *see* Booker, G.R. 52669
Lyapin, S.G. *see* Klipstein, P.C. 12336
Lyapin, V.P., Manuilov, M.S., Sinyavsky, G.P. Quasi-analytical method for analysis of multisection waveguide structures with step discontinuities 11646
Lyberopoulos, G.L. *see* Manolessos, I.I. 25953
Lybinetsky, I.V., Adamchuk, V.K. Interface formation during silicon deposition on noble metal substrates: a comparative AES study 30945
Lycette, M. *see* Glatfelter, T. 39156
Lyche, T. *see* Habib, A.W. 518
Lyck, E. *see* Jrgensen, H.E. 58480
Lyden, C. *see* Rowley, K. 11151
Lyding, J.W. *see* Kizilyalli, I.C. 32421
Lyding, J.W. *see* Kizilyalli, I.C. 2685
Lyding, J.W. *see* Sengupta, D.K. 27577
Lydtin, H. *see* Gartner, G. 53899
Lye, B., Syrzycki, M. Current-mode A/D converter architectures for integrated sensor systems 11533
Lye, B.C., Yow, H.K., Houston, P.A., Button, C.C. Electron mobility enhancement in heavily doped GaAs:C heterojunction bipolar transistors 12896
Lye, S.W. *see* de Souza, R.B. 39947
Lye, Y.S. *see* Hui, P. 52289
Lygeros, A.I. *see* Frangopoulos, C.A. 20278
Lygin, V.K., Pioszczyk, B., Dammertz, G., Kuftin, A.N., Zapevalovf, V.E. A diode electron gun for a 1 MW 140 GHz gyrotron 53987
Lygouras, J.N., Tarchanidis, K.N., Tsalides, P. THETIS: an underwater remotely operated vehicle 48152
Lyke, J. *see* Lee, C.I. 23085
Lyke, J.C. Design of a power-optimized micro miniature advanced instrument controller for sensor craft applications 59951
Lyke, J.C., Merkel, K.G. Survey and taxonomy of three-dimensional packaging approaches 52272
Lykhin, V.A. *see* Altov, V.A. 43779
Lykhin, V.A. *see* Al'tov, V.A. 55141
Lykke, K.R. *see* Spence, D. 37200
Lyle, J.D. *see* Adkins, K.C. 1372
Lyle, R.P., Stuckey, M., Hughes, H.G. Characterization of thin-film, micromachined, chemical gas sensors 27741
Lyles, J.F. Test requirements to achieve consistent PDA results 60676
Lyles, J.T.M., Friedrichs, C.C., Jr LANSCE 201.25 MHz drift tube linac RF power status 49173
Lyles, J.T.M., Regan, A.H., Bolme, G.O. LANSCE linac RF performance for a Long Pulse Spallation Source 49172
Lyman, P.S. *see* Hoke, W.E. 42150
Lynam, P. *see* Yong-Qing Li 14142
Lynch, B. Process integration of 200 K silicon process with thermocompression TAB using robust design methodology 39838
Lynch, D.C. *see* Leiner, B.M. 47137
Lynch, D.J. *see* Helszajn, J. 11671
Lynch, D.J. *see* Yul Chu 21426
Lynch, E.M. *see* Collingridge, D.R. 49407
Lynch, G.M. *see* Wang, W.N. 10832
Lynch, G.M. *see* Wang, W.N. 32356
Lynch, J. *see* Agrawal, Y.C. 50004
Lynch, J.A. Imaging and technology: current practice and future possibilities 18253
Lynch, M. *see* Lawrence, G. 49177
Lynch, M.A. *see* Buckle, P.D. 53636
Lynch, M.T., Rees, D., Tallerico, P., Regan, A. The RF system for the accelerator production of tritium (APT) low energy demonstration accelerator (LEDA) at Los Alamos 49171
Lynch, M.T., Tallerico, P.J., Lawrence, G. Important requirements for RF generators for accelerator-driven transmutation technologies (ADTT) 7709
Lynch, M.T. *see* Tallerico, P.J. 7712
Lynch, M.T. *see* Ziomek, C.D. 7710
Lynch, R., Willett, P. Classification with a combined information test 25195
Lynch, S. *see* Steele, A.L. 55818
Lynch, S.P., Geary, D.E., Forrest, D.J. Nuclear instrumentation for a soft X-ray detection system on a small satellite, CATSAT 59359
Lynch, T. *see* Stephenson, M. 36426
Lynch, T.J., Vaccaro, J.R. Ultrafast warm-up rubidium reference 27821

Lynch, W.T. The SOI option – the SRC research portfolio and its relationship to the SIA Roadmap 43260
Lyndin, N.M. *see* Loktev, S.M. 33061
Lynds, L. *see* Galasso, F.S. 43748
Lynds, L. *see* Shahnazi, K. 60071
Lynes, J.A. Daylight and photometric anomalies 20209
Lyngnes, O. *see* Berger, J.D. 44527
Lynn, D. *see* Bellwied, R. 59284
Lynn, D. *see* Pandey, S.U. 37293
Lynn, K. *see* Djuric, P.M. 28071
Lynn, K.G. *see* Szeles, C. 31818
Lynn, K.W. *see* Dhere, N.G. 39097
Lyo, S.K. Magnetotunneling absorption in double quantum wells 31991
Lyon, B.F. *see* Rice, G.E. 29090
Lyon, D.E. *see* Sexton, A. 4745
Lyon, D.L. Trends in digital wireless communications 6670
Lyon, D.L. Overview of digital wireless communication 26516
Lyon, H.B., Jr. *see* Sharp, J.W. 36958
Lyon, J. *see* Kennedy, A.R. 41232
Lyon, K.D., Riley, W.J. Application of the Kenschaft model to the analysis of the rubidium gas cell frequency standard 27320
Lyon, M.J. *see* Lay, M.D. 31721
Lyon, R., Kenny, S. The needs of industry for reliable inspection–thermal power generation needs 38588
Lyon, R.F. *see* Sarpeshkar, R. 8155
Lyon, R.F. *see* Sarpeskar, R. 1574
Lyon, S.A. *see* Berryman, K.W. 42223
Lyon, S.A. *see* Petrov, M.V. 22322
Lyon, S.B. *see* Habazaki, H. 2340
Lyon, T. *see* Newman, P. 25928
Lyon, T.J.De *see* De Lyon, T.J.
Lyong Kang Nam *see* Nam Lyong Kang
Lyons, A. *see* Bergem, O. 49999
Lyons, A.M., Dahringer, D.W., Billings, R.L. Printed circuit board magnetics: a new approach to the mass production of toroidal transformers 11781
Lyons, C. *see* Shifrin, M. 11663
Lyons, D., Whitcomb, K. Image reconstruction algorithms for DOIS: a diffractive optic image spectrometer 15777
Lyons, D. *see* Smith, A.M. 20618
Lyons, D. *see* Vilkomerson, D. 59422
Lyons, J. *see* Drazkiewicz, S. 2480
Lyons, K. *see* Velthuys, R. 47379
Lyons, L. *see* Courter, S.S. 20556
Lyons, M. *see* Bernstein, B.B. 50222
Lyons, M.R. *see* Polycarpou, A.C. 34225
Lyons, P. *see* Kientz, H.J. 28955
Lyons, P.F. *see* Gela, G. 50616
Lyons, R. *see* Guinand, P.S. 58145
Lyons, W.A. *see* Dowden, R.L. 24458
Lyons, W.A. *see* Fullekrug, M. 45133
Lyppens, H. Reed-Solomon error correction 17099
Lypsch, F. *see* Jansen, C. 7760
Lyra, C., Castro, R., Ferreira, L.R.M. Assessing decisions on multiple uses of water and hydroelectric facilities 29148
Lyra, R.O.C. *see* Silva, S.R. 60735
Lyraud, C. *see* Lottin, J.C. 49316
Lys, C. *see* Dean, D. 18391
Lys, I. *see* Krishnamurthy, R.K. 11332
Lysaght, P., Dick, H., McGregor, G., McConnell, D., Stockwood, J. Prototyping environment for dynamically reconfigurable logic 11315
Lysaght, P. *see* Eggers, H. 11432
Lysejko, M. *see* Clifton, J.C. 58103
Lysenko, G.P. Lithium AMTEC with gas-diffusion cathode 20064
Lysenko, G.P., Grigoriev, B.V., Karpin, K.B. Wind motor applications for transportation 29778
Lysenko, T.M. *see* Dorosinskii, L.G. 6952
Lysenko, V.S. *see* Barchuk, I.P. 32085
Lysenko, V.S. *see* Barchuk, I.P. 43259
Lysens, R. *see* Aubert, A.E. 28381
Lysiak, K.A., Breakall, J.K., Zmyslo, J. A hybrid MoM/FDTD approach to UHF/VHF propagation problems 34040
Lysko, J., Stolarski, E. Construction and parameters of the silicon acceleration sensors. I 58713
Lysoi, B.G. *see* Tikhonravov, A.V. 3499
Lyssenko, V.G. *see* Mizeikis, V. 42221
Lyszczarz, T.M. *see* Geis, M.W. 12070
Lyszczarz, T.M. *see* McIntosh, A. 14710
Lytel, R. *see* Horsthuis, W. 26453
Lytel, R. *see* Ticknor, T. 26894
Lytle, B. *see* Bonda, R. 221
Lytle, B. *see* Lee, T.Y.T. 30225
Lytle, C., Beachler, R.K. Using intellectual property in programmable logic 1042
Lytle, S.A. *see* Rafferty, C.S. 42410
Lytle, W. *see* Jong-Kai Lin 224
Lytova, A. *see* Chudinovich, I. 45019
Lytvyn, P.M. *see* Venger, E.F. 48567
Lyu, D., Park, Y., Song, I., Hyung-Myung Kim Performance evaluation of a variable processing gain DS/CDMA system 46659
Lyu Bao Lin *see* Erofeenko, V.T. 4233
Lyu Jong-Son *see* Jong-Son Lyu
Lyu Seung-Heon *see* Seung-Heon Lyu
Lyu Yen-Tang *see* Yen-Tang Lyu
Lyubaikin, S.N. *see* Eroshenko, G.P. 36505
Lyubaikin, S.N. *see* Eroshenko, G.P. 48890
Lyubarskii, A.V. *see* Plyavenek, A.G. 44437
Lyubarskii, A.V. *see* Plyavenek, A.G. 55619
Lyubchanskii, I.L. *see* Borisov, S.B. 44187
Lyubchanskii, M.I. *see* Borisov, S.B. 44187
Lyubimov, O.I. *see* Gurevich, Yu.G. 31740
Lyubin, V., Klebanov, M., Bar, I., Rosenwaks, S., Volterra, V., Boehm, L., Vagish, Z. Laser-induced phenomena in chalcogenide glassy films 2076
Lyublinskaya, O.G. *see* Krestnikov, I.L. 42141
Lyubomirsky, I., Lyahovitskaya, V., Cahen, D. Dopant accumulation during substitutional-interstitial diffusion in semiconductors 31957
Lyuboshenko, I.V., Akhmetshin, A.M. A stable direct algorithm for image retrieval from its noisy Fourier transform phase 46486
Lyuboshenko, I.V., Akhmetshin, A.M. Regularization of the problem of image restoration from its noisy Fourier transform phase 56985
Lyuboshenko, I.V. *see* Akhmetshin, A.M. 4825
Lyuboshenko, I.V. *see* Akhmetshin, A.M. 40728
Lyufan Zou *see* Zou Lyufan
Lyuksyutov, S. *see* Buchhave, P. 14440
Lyuksyutov, S. *see* Kukhtarev, N. 14450
Lyuksyutov, S. *see* Vasnetsov, M. 55927
Lyul Song Taek *see* Taek Lyul Song
Lyzenga, D.R. *see* Daida, J.M. 18891
Lyzenga, D.R. *see* Dano, E.B. 18884
Lyzenga, D.R. *see* Meadows, G. 18883
M, B.Klaus *see* Klaus M, B.
M., E.Vazquez *see* Vazquez M., E.
M., O.L.Chacon *see* Chacon M., O.L.
M te Brake, G. *see* Karssemeijer, N. 49446
Ma, A.M. *see* Huang, Y.Z. 17882
Ma, C. *see* MacMillan, D.S. 45147
Ma, C.L., Lauritzen, P.O., Sigg, J. Modeling of high-power thyristors using the lumped-charge modeling technique 42975
Ma, C.L., Lauritzen, P.O., Sigg, J. Modeling of power diodes with the lumped-charge modeling technique 53034
Ma, C.M., Sonka, M. A fully parallel 3D thinning algorithm and its applications 5470
Ma, C.Min *see* Min Ma, C.
Ma, D. *see* Alexeev, G. 59200
Ma, D. *see* Chow, G.M. 54519
Ma, D. *see* Ye, Y. 54477
Ma, D.I. *see* Hoff, H.A. 12544
Ma, D.X., Webb, T.R., Zhao, A., Huang, Z., Tajima, D., Loewenhardt, P.K. Aspect ratio dependent etching investigation in high density metal etch applications 54530
Ma, D.X. *see* Loewenhardt, P.K. 54478
Ma, F. *see* Yan, L. 10129
Ma, G., Burger, W., Dragon, C., Gillenwater, T. High efficiency LDMOS power FET for low voltage wireless communications 41462
Ma, G.C. *see* Elías, R.J. 22853
Ma, H., Shahidehpour, S.M. Decomposition approach to unit commitment with reactive constraints 60195
Ma, H.L. *see* Gilbert, F. 36621
Ma, J., Cheng, S., Pryor, B., Klein, K. Optimizing a manufacturing submicron CMOS process for low voltage applications 54796
Ma, J., Li, C.J. Gear defect detection through model-based wideband demodulation of vibrations 9162
Ma, J. *see* Hong, J. 55177
Ma, J. *see* Huang, R. 57686
Ma, J. *see* Ikedo, T. 11496
Ma, J. *see* McNeill, S.R. 48872
Ma, J. *see* Yang, Y. 27636
Ma, J.G., Chen, Z. Application of the method of lines to the Laplace equation 56036
Ma, J.M. *see* Adam, A. 37280
Ma, J.T. *see* Lai, L.L. 38324
Ma, J.T. *see* Lai, L.L. 50426
Ma, J.T. *see* Lai, L.L. 50472
Ma, K. *see* Lund, M.A. 14983
Ma, K.-P., Drewniak, J.L., Hubing, T.H., Van Doren, T.P. A comparison of an FDTD thin-slot algorithm and method of moments for modeling slots near corners 45199
Ma, L. *see* Watson, D.B. 54908
Ma, M. *see* Bergano, N.S. 26823
Ma, M. *see* Ho, B.K.T. 18272
Ma, M.T. *see* Lao, R.R. 27298
Ma, N., Vray, D., Delachartre, P., Gimenez, G. Time-frequency representation of multicomponent chirp signals 56443
Ma, O., Buhariwala, K., Roger, N., MacLean, J., Carr, R. MDSF–a generic development and simulation facility for flexible, complex robotic systems 28542
Ma, P., Zhang, L., Wang, Y. Analytical model of collector current density and base transit time based on iteration method 2609
Ma, P. *see* Gao, L.J. 32796
Ma, P. *see* Sackos, J. 58994
Ma, Q.S., Shao, K.R., Li, L.R. Axisymmetrical eddy current field computation by a hybrid finite element-series method 44954
Ma, Q.Y. *see* Chan, M.L. 43757
Ma, Q.Y. *see* Miller, J.R. 7983
Ma, S., Abdel-Ati, W.L.N., McVitie, J.P. Limitations of plasma charging damage measurements using MOS capacitor structures 42611
Ma, S., McVittie, J.P. Characterization of damage reduction effect from dielectric protective layer by a real-time plasma charging probe 54309
Ma, S. *see* Franco, P. 48353
Ma, S. *see* Hu, Z. 35334
Ma, S.D., Li, L. Ellipsoid reconstruction from three perspective views 5089
Ma, S.D. *see* Prinet, V. 8041
Ma, T.P. *see* Chen, C. 2659
Ma, T.P. *see* Han, J.-P. 52749
Ma, T.P. *see* Xiewen Wang 2657
Ma, T.P. *see* Yujun Li 12998
Ma, W. *see* Guang-Pu Wei 7843
Ma, W.Y. *see* Mai, Z.H. 30729
Ma, W.Y. *see* Manjunath, B.S. 57317
Ma, X. *see* El-Keib, A.A. 60293
Ma, X.Y. *see* Ding, Y. 14312
Ma, Y., Green, M.L. In-situ vapor phase processes in an integrated cluster system for pre-gate oxide silicon surface cleaning 42461
Ma, Y. *see* Liu, C.T. 2641
Ma, Y. *see* Liu, C.T. 32155
Ma, Y. *see* Liu, C.T. 54658
Ma, Y. *see* Roy, P.K. 43322
Ma, Z., Choi, J.Y., Lien, C.-D. Scaling considerations of inter-poly oxide-nitride-oxide dielectric for high-density DRAM applications 53277
Ma, Z. *see* Atse, Y. 15269
Ma, Z. *see* Choi, J.Y. 54798
Ma, Z. *see* Hoque, M. 45180
Ma, Z. *see* Huang, Y. 16966
Ma, Z. *see* Liang, C. 22907
Ma, Z.-X. *see* Korenivski, V. 7529
Ma, Z.H. *see* Qiu, J.F. 40661
Ma Bin *see* Bin Ma
Ma Bin-Yen *see* Bin-Yen Ma
Ma Changwen *see* Bo Hanliang 38498
Ma Changwen *see* Jia Haijun 38497
Ma Changwen *see* Wang Fei 38499
Ma Chaohua *see* Zhang Jizhi 55603
Ma Chaoli *see* Chaoli Ma
Ma Chenyu *see* Chenyu Ma
Ma Chi Ho *see* Chi Ho Ma
Ma Ching-Wen *see* Ching-Wen Ma
Ma Chun Discussion on developing electric power in Shenfu-Dongsheng coalfield 60328
Ma Dae-Young *see* Dae-Young Ma
Ma Dong-Ge, Hong Zhi-Yong, Zhao Xiao-Jiang, Jing Xia-Bin, Wang Fo-Song, Shi Jia-Wei, Liu Ming-Da, Jin En-Shun, Li Shu-Wen Photoluminescence and electroluminescence of the blue emission of devices based on poly(p-phenylenevinylene) copolymers 44284
Ma Dongge, Shi Jiawei, Jin Enshun, Liu Mingda, Li Shuwen, Gao Dingsan Low frequency optical noise and electrical noise investigation of 1.3 μm InGaAsP/InP superluminescent diodes 23703
Ma Gin-Kou *see* Gin-Kou Ma
Ma GinKou *see* GinKou Ma
Ma Guicun, Liu Yi, Dai Xianxi Resonant tunneling effect of quantum well-superconductor junction 43792
Ma Haichao *see* Yin Zhonghang 56540
Ma Hanyan *see* Wu Qun 24600
Ma Heting *see* Lu Zhenyu 9368
Ma Hezhong *see* Sun Yuanxiang 52853
Ma Hong *see* Qi Lanfen 41406
Ma Hong *see* Hong Ma
Ma Hong-Zhou *see* Hong-Zhou Ma
Ma Hongda A discussion on protection zone of lightning eliminator 60434
Ma Hongliang *see* Yi Rongqing 28055
Ma Jangseok *see* Jangseok Ma
Ma Jian *see* Jian Ma
Ma Jian-Guo *see* Jian-Guo Ma
Ma Jianfeng, Wang Yumin Decoding of two new classes of linear block codes 14845
Ma Jianfeng, Wang Yumin On fast decoding of binary linear block codes 45619
Ma Jianfeng, Wang Yumin Efficient decoding of QR codes 45620
Ma Jianhua *see* Jianhua Ma
Ma Jinping, Wu Hongshi Spherical back-projection method imaging for perfectly conducting objects 17751
Ma Jun *see* Jun Ma
Ma Kai-Kuang *see* Kai-Kuang Ma
Ma Kun, Li Chun-Ling, Cui Da-Fu, Zhou Yue-Liang, Liu Yan-Wei, Lu Hui-Bin, Zhang Dao-fan, Wu Fei, Chen Hong, Li Lin Preparation and characterization of the $BaTiO_3/YBa_2Cu_3O_7/SrTiO_3$ heteroepitaxial films 40309
Ma Kun *see* Kun Ma
Ma Kuo-Tung *see* Ma Yin-Peng 58987
Ma Laina *see* Laina Ma
Ma Lixing *see* Wang Xiangwu 712
Ma Long-Sheng *see* Long-Sheng Ma
Ma Qi-Shuang, Sheng Jian-Ni, Shao Ke-Ran, Lang-Ru Li A series method for axisymmetrical eddy current field problems 44945
Ma Qing *see* Qing Ma
Ma Qinglin *see* Qinglin Ma
Ma Shaohan *see* Liang Dongmin 57895
Ma Shau-Shei *see* Shau-Shei Ma
Ma Shawming *see* Shawming Ma

Ma Shufen *see* Wu Siliang 15314
Ma Shuhua, Li Ji, Jing Xiabin, Wang Fosong A study of cokes used as anodic materials in lithium ion rechargeable batteries 29588
Ma Siu Lun *see* Siu Lun Ma
Ma Song De *see* Song De Ma
Ma Songde *see* Hu Zhanyi 35048
Ma Songde *see* Songde Ma
Ma Ssu-Pin *see* Ssu-Pin Ma
Ma Tae Young *see* Tae Young Ma
Ma Tengcai *see* Liu Yanhong 52825
Ma Tiehan, Jiao Peinan Ionospheric studies and sounding at the CRIRP 28640
Ma Wanliang, Gao Deyuan, Mou Chengyu The design of PCM tester using FPGA 53734
Ma Wei-Hsiu *see* Wei-Hsiu Ma
Ma Weiluan *see* Weiluan Ma
Ma Weimin, Wu Weihan Effects of harmonic components of power supply on the dielectric loss measurement 58957
Ma Weiming, Zheng Fengshi Transients of sudden unbalance short-circuited fault between different Y-windings of a twelve-phase synchronous generator 9199
Ma Weixin *see* Yuan Bin 19173
Ma Weixin *see* Yuan Bin 28731
Ma Xiaohui, Fu Yuqing, Lu Jiren, Gong Yifan A study on recognition of continuous Chinese speech based on stochastic trajectory models 56407
Ma Xiaoyan *see* Xia Zonghuang 44012
Ma Xinshan *see* Lei Yinzhao 10998
Ma Xinshan *see* Xinshan Ma
Ma Xinyu *see* Xinyu Ma
Ma Xiuling *see* Sun Changyin 12064
Ma Yanping *see* Yanping Ma
Ma Yi *see* Yi Ma
Ma Yin-Peng, Ferng Yi-Ming, Lin Yun-Peng, Shiau Der-Yun, Ma Kuo-Tung, Chung Nien-Mien Influence of flow field on piping erosion-corrosion and pipe wall monitoring 58987
Ma Youjie *see* Zhou Xuesong 8823
Ma Yu-Guang *see* Tian Wen-Jing 44258
Ma Yuan *see* Yuan Ma
Ma Yuguang *see* Yuguang Ma
Ma Yuhai *see* Yuhai Ma
Ma Yulin *see* Chen Ping 39882
Ma Yunhong *see* Yunhong Ma
Ma Yurong *see* Yurong Ma
Ma Zeliang *see* Guo Jiatian 8813
Ma Zhenjun *see* Zhenjun Ma
Ma Zhenya *see* Zhenya Ma
Ma Zhewang *see* Zhewang Ma
Ma Zhi-Jian *see* Zhi-Jian Ma
Ma Zhijian *see* Zhijian Ma
Ma Zuguang *see* Lu Zhiwei 14411
Ma Zuocheng *see* Chen Zhichao 2765
Maack, T., Kowarschik, R., Notni, G., Schreiber, W. Realization and accuracy of a phase-shifting speckle interferometer for full 3D shape-measurement 36398
Maamoun, A., Ahmed, M.M. An improved software technique using microprocessor for producing regular-sampled PWM for three-phase inverter of motor drive system 20127
Maan, A.C. *see* Levert, J.V. 37815
Maan, A.C. *see* Levert, J.V. 37817
Maan, J.C. *see* Willing, B. 2048
Maao, F.A. *see* Gorelik, L.Y. 54210
Maaref, H. *see* Bouazizi, A. 27461
Maaref, H. *see* Mimila-Arroyo, J. 52633
Maaren, H.van *see* van Maaren, H.
Maas, A.A.M., Somers, P.A.A.M. Two-dimensional deconvolution applied to phase-stepped shearography 7613
Maas, H. *see* Bedford, R.E. 17157
Maas, J., Frohleke, N., Krafka, P., Grotstollen, H. Prototype drive and modulation concepts for DSP-controlled ultrasonic motors powered by resonant converters 51714
Maas, J., Grotstollen, H. Cascaded control scheme for speed variable ultrasonic drives 29723
Maas, J. *see* Krome, J.W. 19771
Maas, J.G. *see* Leliveld, C.J. 28234
Maas, L.C., deB. Frederick, B., Renshaw, P.F. Decoupled automated rotational and translational registration for functional MRI time series data: the DART registration algorithm 28273
Maas, P. *see* Mosher, J.C. 49471
Maas, R. *see* Koch, M. 32568
Maaskant, R. *see* Measures, R.M. 48572
Maass, D. *see* Rice, J.M. 30246
Maass, H. *see* Schreyer, O. 25979
Maass, P., Ramlau, R. Wavelet-accelerated regularization methods for hyperthermia treatment planning 8110
Maass, W. Fast sigmoidal networks via spiking neurons 31451
Maass-Moreno, R., Damianou, C.A., Sanghvi, N.T. Tissue temperature estimation in-vivo with pulse-echo 18363
Maassen, N. *see* Dahlin, M.J. 18931
Maaty, M.Abdel Aaty *see* Abdel Aaty Maaty, M.
Maazouz, A. *see* Kranbuehl, D. 11003
Mabboux, H. *see* Cun, J.P. 51487
Mabire, J. *see* Guillaume, B. 41522
Mabogunje, A., Leifer, L.J. 210-NP: measuring the mechanical engineering design process 20697
Maboudian, R., Howe, R.T. Critical review: Adhesion in surface micromechanical structures 43395
Mabrouk, M.A., El-Bawab, H.F. Refractive index profile of GRIN optical fibre considering the area under the interference fringe shift. I. The matching case 55202
Mabrouk, M.A., Shams-Eldin, M.A. Interferometric measurement of some structural parameters of drawn polyethylene fibres 13572
Mabuchi, D. *see* Murakami, K. 2947
Mabuchi, H. *see* Cirac, J.I. 56232
Mabuchi, N. *see* Korogi, Y. 59489
Mc Allen, J., Cuitino, A.M., Sernas, V. Numerical investigation of the deformation characteristics and heat generation in pneumatic aircraft tires. I. Mechanical modeling 660
Mc Allen, J., Cuitino, A.M., Sernas, V. Numerical investigation of the deformation characteristics and heat generation in pneumatic aircraft tires. II. Thermal modeling 661
McAdams, E.T., Jossinet, J., Lackermeier, A., Risacher, F. Factors affecting electrode-gel-skin interface impedance in electrical impedance tomography 18474
McAdams, H.P. *see* Shahidi, R. 18399
McAdams, L.R. *see* Jia, F. 6809
McAdams, R., Nightingale, M.P.S., Godden, D., Holmes, A.J.T., Proudfoot, G. Cost optimisation studies of high power accelerators 7756
McAfee, A., Jacobs, M., Hiatt, R. Particle reduction study at interlayer dielectric deposition 40574
Macagnano, A. *see* Di Natale, C. 58885
McAleese, J., Darr, J.A., Steele, B.C.H. The synthesis and thermal evaluation of a novel cerium precursor to grow thick ceria films by metal-organic chemical vapor deposition (MOCVD) 30923
McAlevey, L., Everett, A.M. International perspectives on the education of managers in quality control techniques 39656
McAllaster, D. *see* Peskin, B. 14921
McAllaster, D. *see* Wegmann, S. 14930
McAllaster, D.R. *see* Krupczak, J.J., Jr. 44323
McAllister, D.F. *see* McAllister, N.C. 26147
McAllister, D.J. *see* Schweyer, M.G. 27484
McAllister, H.G. *see* Li, M. 49797
McAllister, I.W., Crichton, G.C., Pedersen, A. Space charge fields in DC cables 19350
McAllister, I.W. *see* Pedersen, A. 32635
McAllister, I.W. *see* Rerup, T.O. 36854
McAllister, J.S. Characterization of disk vibrations on aluminum and alternate substrates 32844
McAllister, N.C., McAllister, D.F. Providing education electronically to nontraditional sites: new delivery to a new audience 26147
McAllister, S. *see* MacGregor, I.J.D. 37365
MacAlpine, J.M.K., Chan, K.W. Some statistical measurements on Trichel pulse periods 43467
McAlpine, N.S. *see* Haneman, D. 41841
McAndrew, C.C. *see* Booth, R.V.H. 54729
McAndrews, C.M. *see* Hetrick, S.J. 19482
McAndrews, J.M., Jones, R.H. A valve regulated lead acid battery management system (VMS) 51480
McArdle, N., Komuro, T., Naruse, M., Yamamoto, H., Sakaida, H., Ishikawa, M. A smart-pixel free-space interconnected parallel processing system 33182
Macarie, R., Martin, D. New technologies for the electrostatic precipitators pulsed energization in energetics 50783
Macario, R.C.V. *see* Alshamali, A.M. 35961
Macario, R.C.V. *see* Bataineh, M.H. 4247
Macario, R.C.V. *see* Bataineh, M.H. 4260
Macario, R.C.V. *see* El-Saigh, A.I. 36047
MacArthur, D.W. *see* Koster, J.E. 49336
McArthur, S.D.J., Dysko, R., McDonald, J.R., Bell, S.C., Mather, R., Burt, S.M. The application of model based reasoning within a decision support system for protection engineers 8952
McArthur, S.D.J. *see* Bell, S.C. 50491
McAslan, A.R.R. The countermine challenge: an evolving requirement in a changing environment 8592
McAulay, A.D., Junqing Wang Optical two-dimensional alarm system using electron trapping optical material 44138
McAulay, A.D., Wang, J. Methods for addressing electron trapping optical memory material 3347
McAulay, R.J. *see* Singer, E. 14977
McAuley, D. *see* Singh, S. 21579
McAuley, J.Devin *see* Devin McAuley, J.
Macauley, M.K., Brennan, T.J. Remote sensing: economic viability of environmental monitoring 18919
McAuliffe, J.W. *see* Clapp, A.L. 50605
McAuliffe, J.W. *see* Landinger, C.C. 50606
McAuliffe, M.J., Eberly, D., Fritsch, D.S., Chaney, E.L., Pizer, S.M. Scale-space boundary evolution initialized by cores 15992
Macavei, T. *see* Chin, B.-M. 46760
McBean, R.V., Qing Zhang Structured methods applied to CAD design flows 52944
McBranch, D. *see* Smilowitz, L. 44636
McBreen, J. Zinc electrode in alkaline electrolyte 61045
McBride, A. *see* Scott, C.J. 47405
McBride, I. Signalling and the PNO-ISC 57698
McBride, J.W., Weaver, P.M., Jeffery, P. Arc root mobility during contact opening at high current 19905
McBride, J.W. *see* Swingler, J. 11791
McBride, R. *see* Dufour, J. 40806
McBride, R. *see* Flavin, D.A. 36633
McBride, R. *see* Luke, D.G. 36610
McBride, W.E. *see* Sandberg, C. 51833
McBrien, G.J., Drake, G.W. Investigation and demonstration of enhanced I/O modulators incorporating optical carrier reduction 58362
McCabe, E. *see* O'Sullivan, G. 31438
McCabe, E.M. *see* Logue, F.P. 31970
McCabe, M. *see* Murphy, J.A. 56132
McCabe, S.L., Denham, M.J. A model of auditory streaming 56384
McCabe, S.P. *see* Behjat, A. 23738
Maccaferri, A. *see* D'Amico, N. 36303
Maccaferri, G. *see* Ambrosini, R. 36301
McCafferty, E. On the determination of distributed double-layer capacitances from Cole-Cole plots 48822
McCaffrey, J. *see* Fafard, S. 24021
McCaffrey, J.P. *see* Sachrajda, A.S. 32351
McCaffrey, N.J. *see* Kaplinsky, M.B. 17496
Maccagnani, P. *see* Dori, L. 58900
McCall, D. *see* Stueber, T.J. 8273
McCall, G.S., II *see* Caspall, J.J. 17873
McCall, K. *see* Kovacs, J. 1195
McCall, M. *see* George, D. 26700
McCall, M.W. *see* George, D.S. 14317
McCall, M.W. *see* Ziping Jiang 14137
McCalley, J.D., Wang, S., Zhao, Q.-L., Zhou, G.-Z., Treinen, R.T., Papalexopoulos, A.D. Security boundary visualization for systems operation 60311
McCallion, K. *see* Chrisey, D.B. 10898
McCallion, K. *see* Forster, R.J. 23805
McCallion, K. *see* Swillo, M. 55270
McCallum, M. *see* Nicholls, D.B. 60167
McCallum, R.W. *see* Zhiyue Lin 25142
McCalmont, J.F. *see* Reagan, J.A. 8434
McCambridge, J.D. *see* Wang, J.-Q. 55093
McCandless, B.E., Hichri, H., Hanket, G., Birkmire, R.W. Vapor phase treatment of CdTe/CdS thin films with $CdCl_2$:O_2 39061
McCandless, B.E. *see* Jensen, D.G. 39059
McCandless, B.E. *see* Qu, Y. 39122
McCandless, B.E. *see* Shafarman, W.N. 39057
McCann, D.R. *see* Pentecost, H.T.A. 35119
McCann, J. *see* Linskey Merrill, M. 50154
McCann, J.J. *see* Harrington, D.T. 25932
McCann, P.J. *see* Lewelling, K.R. 33539
McCann, P.J. *see* Liu, W.K. 10781
McCann, P.J. *see* Liu, W.K. 30752
McCann, P.J. *see* Yuan, S. 42192
McCann, S. *see* Waller, M. 11479
McCanne, S. *see* Amir, E. 56717
McCanny, J.V. *see* Chiu, C. 1449
McCarley, K. *see* Wellfare, M. 6976
McCarley, K.C. *see* Ott, A.W. 10876
McCarron, K.T. *see* Lakin, K.M. 54993
McCarron, T. Meeting project commitments with teamwork 30143
Maccarrone, F. *see* Del Gobbo, G. 3685
Maccarrone, M. *see* Fiocchi, C. 21668
McCarson, T.D., Jr. *see* Luchau, D.W. 18695
McCarter, J. *see* Roedel, R.J. 20577
McCarthy, C. Modern probabilistic transmission planning methods 19263
McCarthy, D. *see* Barth, J. 24350
McCarthy, K. *see* MacSweeney, D. 23019
McCarthy, K. *see* Owens, A. 37368
McCarthy, K. *see* Rudan, M. 12852
McCarthy, K. *see* Teowee, G. 17489
McCarthy, K. *see* Teowee, G. 54926
McCarthy, K.J., Owens, A., Keay, A. Escape peak ratios in silicon X-ray charge coupled devices (CCDs) 37449
McCarthy, K.J. *see* Owens, A. 18148
McCarthy, K.M.T. *see* Bhatti, S.N. 5980
McCarthy, N. *see* Gay, D. 55494
McCarthy, N. *see* Stryckman, D. 3807
McCarthy, O. *see* Rinne, K.-H. 51361
McCarthy, O. *see* Schickhuber, G. 47028
McCarthy, S. *see* Zwolinski, M. 22032
McCarthy, S. *see* Zwolinski, M. 41634
McCartney, M.A., Reyes, M.A., Anderson-Rowland, M.R. Building a pipeline of future college engineering students 20519
McCartney, M.R., Kruit, P., Buist, A.H., Scheinfein, M.R. Differential phase contrast in TEM 22188
McCartney, N. *see* Kamath, M.V. 37836
McCartney, R., Haim, E., Kucera, C. Performance testing of the primary flight instruments for the Boeing 777 airplane 18618
McCarty, K.F. *see* Talin, A.A. 12073
McCaughan, L. *see* Chi-Hung Huang 44428
McCaughan, L. *see* Chi-Hung Huang 55534
McCaughan, L. *see* Ghodssi, R. 23064
McCaughan, L. *see* Huang, C.-H. 44415
McCauley, T.S., Israel, A., Vohra, Y.K., Tarvin, J.T. Spatially resolved in situ diagnostics for plasma-enhanced chemical vapor deposition film growth 40656
McChesney, J. *see* Dempsey, T. 60144
Macchi, M. *see* Gambini, P. 26440
Macchi, O., Moreau, E. Self-adaptive source separation .I. Convergence analysis of a direct linear network controlled by the Herault-Jutten algorithm 45938
Macchi, O. *see* Malouche, Z. 15386
Macchia, M.La *see* La Macchia, M.

Macchiarella, G. An original approach to the design of bandpass cavity filters with multiple couplings 41396
Macchiarella, G., Gentili, G.G., Lobina, A. A method for investigating a class of inhomogeneous stripline circulators 41399
Macchiavello, C. *see* D'Ariano, G.M. 34495
Macchietto, C.D. *see* Tomasel, F.G. 44351
McClain, J.L. *see* Taylor, T.S. 5458
McClain, J.L., Jr., Erbach, P.S., Gregory, D.A., Yu, F.T.S. Diffractive method for measurement of coupled amplitude and phase modulation in spatial light modulators 3481
McClaine, J.L. *see* Dorr, D.S. 38438
McClaskey, P., Evans, J. AMLCD performance in tactical fighter environment 18621
McClay, C.P. *see* Vusirikala, V. 16679
McClay, J. *see* Williamson, D. 2544
McClean, J.W. Power factor correction inductor design for SMPSs. 2 9369
McCleary, A.D., Klippel, P.J., Young, A.M., Trivett, D.H. A sensor for measuring low frequency surface vibration of a fluid loaded compliant structure 17795
McCleer, P. *see* Leonardi, F. 29226
McCleer, P.J. *see* Miller, J.M. 29783
McClellan, G.B. *see* Constantine, C. 22593
McClellan, J.H., Schafer, R.W., Schodorf, J.B., Yoder, M.A. Multi-media and World Wide Web resources for teaching DSP 9918
McClellan, J.H. *see* Karam, L.J. 1586
McClellan, J.H. *see* Karam, L.J. 15357
McClellan, J.H. *see* Karam, L.J. 50037
McClellan, J.H. *see* Rau, R. 34790
McClellan, J.H. *see* Rau, R. 54543
McClellan, J.H. *see* Saidi, A. 25111
McClellan, J.H. *see* Seliktar, Y. 19008
McClellan, S., Gibson, J.D. Lag-indexed VQ for pitch filter coding 14905
McClellan, S., Gibson, J.D. Variable-rate CELP based on subband flatness 34692
McClellan, S.A. *see* Gibson, J.D. 14878
McClelland, D.E. *see* Bachor, H.-A. 23832
McClelland, D.E. *see* Harb, C.C. 14193
McClelland, M.L. *see* Elliott, C.R. 61160
McClelland, S. *see* Bright, J. 21860
McClelland, T., Pascaru, I., Shtaerman, I., Stone, C., Szekely, C., Zacharski, J., Bhaskar, N.D. Subminiature rubidium frequency standard: performance improvements 27822
McClelland, T. *see* Bloch, M. 28537
McClelland, T.A. *see* Bhaskar, N.D. 17165
McClemont, F.S. *see* Morris, S.E. 21529
McClenaghan, A. *see* Turner, K.J. 41032
McClintock, C. *see* Turner, J. 12809
McClintock, R. *see* Williams, D. 1369
McClintock, W.E. *see* Osterman, S.N. 36697
McCloskey, L.T., Reel, J., Gabriele, G.A. Teaching engineering leadership at Rensselaer 20652
McClung, L.B. *see* Jamil, S. 52102
McClure, C.R. *see* Beachboard, J.C. 57708
McClure, H.G. *see* Andreoli, S. 36333
McClure, M., Qiu, R.C., Carin, L. On the super-resolution identification of observables from swept-frequency scattering data 45111
McClure, M.T. *see* Choi, W.B. 53919
McClure, M.T. *see* Schlesser, R. 41744
McClure, R.W. Engineering licenses are not for everyone 52040
McClure, S. *see* Pease, R.L. 43254
McClurg, D.C. *see* Soreide, N.N. 50114
McCluskey, E.J. *see* Chang, J.T.-Y. 20838
McCluskey, E.J. *see* Chang, J.T.-Y. 43264
McCluskey, E.J. *see* Franco, P. 48353
McCluskey, E.J. *see* Makar, S.R. 21656
McCluskey, E.J. *see* Norwood, R.B. 41022
McCluskey, E.J. *see* Touba, N.A. 40983
McCluskey, F.P., Condra, L., Torri, T., Fink, J. Packaging reliability for high temperature electronics: a materials focus 318
McCluskey, J. *see* Walker, A. 9989
McCluskey, M.D. *see* Gotz, W. 12230
McCluskey, P., Das, D., Jordan, J., Condra, L., Torri, T.C., Fink, J. Packaging of electronics for high temperature environments 52257
McCluskey, P., Munamarty, R., Pecht, M. Popcorning in PBGA packages during IR reflow soldering 52201
McCluskey, P., Munamarty, R., Pecht, M. Popcorning in PBGA packages during IR reflow soldering 52265
McColl, I. *see* Sangster, A.J. 14755
McColl, W.F. *see* Yuguang Huang 21089
McCollough, M. *see* Scanlan, L. 48128
McCollum, M. *see* Debus, J.C. 23167
McComb, D.W. *see* Okada, T. 40315
McComb, I.-H. *see* Moylan, C.R. 55936
McComb, T.R. Calibration services to provide traceability in high-voltage impulse testing to conform with ISO/IEC requirements 17717
McComb, T.R. *see* Garnacho, F. 50672
McCombe, B.D. *see* He, X.-F. 22373
McCombe, B.D. *see* Jiang, Z.X. 2201
McCombe, B.D. *see* Jiang, Z.X. 22224
McCombe, B.D. *see* Kono, J. 32041
McConaghy, C., Lowry, M., Becker, R.A., Kincaid, B.E. The performance of pigtailed annealed proton exchange $LiNbO_3$ modulators at cryogenic temperatures 3454
Macconi, M. *see* Bellavia, S. 10491
McConnell, C., Thomas, H., Verhaverbeke, S., Bay, S., Parker, J.W. Water consumption and rinse considerations in semiconductor wet processing 42472
McConnell, C. *see* Parker, J. 42629
McConnell, C.F. *see* Verhaverbeke, S. 42522
McConnell, D. *see* Lysaght, P. 11315
McConnell, G. *see* McDowell, D.M. 60173
McConnell, I., Oliver, C. Comparison of annealing and iterated filters for speckle reduction in SAR 48062
McConnell, I. *see* Cook, R. 48109
McConnell, I. *see* Oliver, C.J. 16864
McConnell, J. The orthogonal frequency division multiplexing advantage 26690
McConnell, J.A. *see* Lauchle, G.C. 18907
McConnell, M.L. *see* Macri, J.R. 37355
McConnell, M.S. Effects of analog and digital signals: can they happily coexist? 27167
McConnell, M.V., Khasgiwala, V.C., Savord, B.J., Ming Hui Chen, Chuang, M.L., Edelman, R.R., Manning, W.J. Prospective adaptive navigator correction for breath-hold MR coronary angiography 28274
McConnell, R. *see* Taylor, R. 50837
McConnell, R.A., Vitek, C. Calibration of fully anechoic rooms and correlation with OATS measurements 45240
McConville, C.F., Noakes, T.C.Q., Sugden, S., Hucknell, P.K., Sofield, C.J. Time-of-flight medium energy ion scattering study of epitaxial $Si/Si_{1-x}Ge_x$ superlattice structures 12419
McConville, C.F. *see* Belk, J.G. 815
McConville, C.F. *see* Bell, G.R. 2345
McConville, C.F. *see* Holmes, D.M. 40444
McConville, C.F. *see* Katayama, M. 783
McCoog, J.R. Commercial component integration plan for military equipment programs: reliability prediction and part procurement 60168
McCord, M. *see* Hector, S. 32290
McCord, M. *see* Schneider, J.E. 22674
McCord, M.A. *see* Fukuda, H. 23048
McCordic, C. *see* Brown, P. 48124
McCorkle, D.L. *see* Pace, M.O. 43455
McCorkle, J., Rofheart, M. An order $N^2\log(N)$ backprojector algorithm for focusing wide-angle wide-bandwidth arbitrary-motion synthetic aperture radar 6906
McCormack, C.J., Liepa, V.V., Williams, W.J. Statistics for Cohen's class distribution of white Gaussian noise 24894
McCormack, D.K.R. *see* Brown, B.M. 52559
MacCormack, S., Bacher, G.D., Feinberg, J., O'Brien, S., Lang, R.J., Klein, M.B., Wechsler, B.A. Powerful, diffraction-limited semiconductor laser using photorefractive beam coupling 44510
MacCormack, S., Feinberg, J. Revealing 180° domains in ferroelectric crystals by photorefractive beam coupling 3969
MacCormack, S. *see* Grubsky, V. 13546
McCormick, A. *see* Giles, C.R. 6725
McCormick, A.C., Nandi, A.K. A comparison of artificial neural networks and other statistical methods for rotating machine condition classification 9166
McCormick, C.J. *see* LaBranche, M.H. 61294
McCormick, C.S., Weber, C.E., Abelson, J.R., Gates, S.M. An amorphous silicon thin film transistor fabricated at 125°C by dc reactive magnetron sputtering 22878
McCormick, D. *see* Alley, R. 37033
McCormick, F., Esener, S., Rentzepis, P. Engineering 2-photon optical data storage systems 55175
McCormick, F. *see* Esener, S. 55178
McCormick, F.B. Smart pixel optics and packaging 33329
McCormick, F.B. *see* Hunt, J.H. 33260
McCormick, F.B. *see* Lentine, A.L. 58290
McCormick, G.P. *see* Howells, E. 19807
McCormick, K. *see* McEuen, P.L. 54185
McCormick, M. *see* Abdulatif, M. 20118
McCormick, M. *see* Hong-Tao Sun 27483
McCormick, M. *see* Yao, L. 36533
McCormick, N.J. *see* Stewart, M. 40731
McCormick, P.G., Ding, J., Feutrill, E.H., Street, R. Mechanically alloyed hard magnetic materials 3099
McCormick, P.G. *see* Ding, J. 13465
McCormick, P.G. *see* Miao, W.F. 43621
McCormick, S. *see* Manteuffel, T. 622
McCormick, S. *see* Zhiqiang Cai 40220
McCormick, S.T. *see* Cunningham, W.C. *(editor)* 33
McCormick, W.S. A two frequency estimation technique using zero crossings [for EW receivers] 8696
MacCorquodale, S.Q. *see* Simpson, A.D. 47432
McCoubrey, A.O. History of atomic frequency standards: a trip through 20th century physics 27271
McCoulloch, J. *see* Brownson, R. 39932
McCoulloch, L. *see* Brownson, R. 39932
McCourt, P.M. Critical band quantisation analysis for masked distortion speech coding 45692
McCourt, R.W. *see* Wong, P.S. 50663
McCown, D. *see* Tsang, C. 43675
McCoy, J.R. *see* Clynne, T.H. 17525
McCoy, J.W., Magotra, N., Stearns, S. The compressibility of stationary random processes 25114
McCracken, R. Rights acquisition in the electronic era 20760
McCracken, R. *see* Erlandson, A.C. 23841
McCracken, W.L. IRLS–basic design and future challenges 27670
McCrae, J.E., Hengehold, R.L., Yeo, Y.K., Ohmer, M.C., Schunemann, P.G. Photoluminescence study of p-type $CdGeAs_2$ ordered semiconductor crystals 42026
McCraith, B.D. *see* Murphy, V. 48631
McCree, A., Truong, K., Bryan George, E., Harnwell, T.P., Viswanathan, V. A 2.4 kbit/s MELP coder candidate for the new U.S. Federal Standard 14896
McCree, A.V. *see* Bryan George, E. 14914
McCreery, D.B. *see* Shannon, R.V. 49795
McCreesh, Z.M. *see* Scanlon, W.G. 59532
McCrobie, D., Sherry, L. Vertical situation awareness and pilot performance 49924
McCrorie, K.A.B., Underwood, C.P., Le Feuvre, R.F. Small-scale combined heat and power simulations: development of a dynamic spark-ignition engine model 50761
McCrory, E., Allen, L., Popovic, M., Schmidt, C.W. Longitudinal emittance from the Fermilab 400 MeV Linac 37153
McCrory, E., Popovic, M., Schmidt, W., Young, P. Emittance measurement techniques used in the 1 MeV RFQ for the PET isotope linac at Fermilab 37154
McCrory, E. *see* Kroc, T. 37155
McCrory, E. *see* Young, P. 37201
McCrory, R.L. *see* Boehly, T.R. 14059
McCrory, R.L. *see* Boehly, T.R. 14086
McCrosky, C.D. *see* Takaya, N. 57882
McCullagh, M., Leisten, O. RF ICs for GPS applications 58499
McCulloch, D.J. *see* Young, N.D. 1342
McCulloch, D.J. *see* Young, N.D. 17545
McCulloch, D.L. *see* Mackie, R.T. 28341
McCulloch, L. *see* Olson, K. 32226
McCulloch, M. *see* Shirsavar, S.A. 19749
McCulloch, M.D. *see* Shirsavar, S.A. 9213
McCulloch, M.D. *see* Shirsavar, S.A. 29321
McCulloch, P.M. *see* Deshpande, A.A. 17012
McCulloch, R.E. *see* Chipman, H.A. 34937
McCullough, A. *see* Williamson, D. 2544
McCullough, C.L., Dasarathy, B.V., Lindberg, P.C. Multi-level sensor fusion for improved target discrimination 46196
McCune, B.M. *see* Basart, J.P. 36294
McCune, B.M. *see* Basart, J.P. 36295
McCune, E., Feher, K. Near-far interference in digital wireless communications 35994
McCurdy, A.H. *see* Hao Wu 53072
McCurley, K.S. Cryptography and the Internet: lessons and challenges 16249
McDaid, L.J., McGinnity, T.M., Maguire, L.P. Hardware implementation of a membership function generator for fuzzy reasoning 21589
McDanal, A.J. *see* O'Neill, M.J. 51594
McDaniel, B.D. *see* Rogers, J.T. 49250
McDaniel, E.B., Gausepohl, S.C., Rao, R.A., Li, C.-T., Eom, C.B., Lee, M., Hsu, J.W.P. Influence of $SrTiO_3$ bicrystal microstructural defects on $YBa_2Cu_3O_7$ grain-boundary Josephson junctions 43762
McDaniel, E.B. *see* Hsu, J.W.P. 55167
McDaniel, J.L. *see* Chang, G.C. 59923
McDaniel, J.W. *see* Purvis, B.D. 8249
McDaniel, K., Liu, M. A study of project management techniques for developing interactive multimedia programs: a practitioner's perspective 16403
McDaniel, L. STREAMS delivers portability for communications APPS 25961
McDaniel, P.J. *see* Connell, L.W. 22946
McDaniel, W.C., Pope, E.R., Walls, J.T., Qin Zhang, Sullivan, M.D., Hogan, M.C., Xiao-Feng Yang, Curtis, J.J. Chronic effects of epicardial patch electrodes on transthoracic defibrillation 59813
MacDermid, C. *see* Bretan, I. 49954
McDermid, J. *see* Bate, I. 8251
McDermid, J.E. *see* Oresjo, S. 53464
McDermid, W., Bromley, J.C. Further experience with directional bus couplers [generator PD analysis] 60680
McDermid, W. *see* Bromley, J.C. 19336
McDermid, W. *see* Warren, V. 60679
McDermott, C. Creating a virtual enterprise in manufacturing to manage the risk in discontinuous innovation 9957
McDermott, C. *see* Walsh, S.T. 9967
McDermott, D. *see* Tagare, H. 25670
McDermott, E., Woudenberg, E.A., Katagiri, S. A telephone-based directory assistance system adaptively trained using minimum classification error/generalized probabilistic descent 24875
McDermott, G.J. *see* O'Hare, N.J. 7891
McDermott, K.J. *see* Miller, J.W. 20508
McDermott, M. Future challenges of deep submicron processor design 1458
McDermott, P. *see* Blackwell, H. 3552
McDermott, R. *see* Pandit, V. 18563
McDermott, T. *see* Skellern, D.J. 35688
McDermott, T.E., Ping Zhou, Gilmore, J., Cendes, Z. Electromechanical system simulation with models generated from finite element solutions 44936

McDevitt, T.E., Vikram, C.S. An investigation of pseudovibration signals in dual beam laser vibrometry 48950
MacDiarmid, A.G. *see* Gebler, D.D. 44264
MacDiarmid, A.G. *see* Wang, H.L. 13874
MacDiarmid, I.P. Proposed developments in EMC design and testing as a result of the use of modular avionics 37968
McDicken, N. *see* Kearney, P.P. 49561
McDicken, W.N. *see* Nicholson, N.C. 7929
McDonagh, C. *see* Murphy, V. 48631
McDonagh, D. *see* Arshak, K.I. 11749
McDonagh, D. *see* Arshak, K.I. 36463
McDonagh, D. *see* Arshak, K.I. 54539
McDonald, A.J. Automotive electronics manufacturer's response to the vehicle makers logistics revolution 29854
MacDonald, B., Dunn, M., Herr, D., Hyman, H., Leslie, D., DeSandre, L. Recent laser radar field test results gathered with the Rapid Optical Beam Steering (ROBS) system 8677
McDonald, B. *see* Dawson, J. 37868
McDonald, B.J., Trautner, J.J. Calibrating instrument readings using a bivariate confidence interval 58619
MacDonald, C.D., Corbin, E., Deese, H.E., Clark, A.M. A synopsis of Hawaii's strategy for ocean industry development 50155
McDonald, C.F. A nuclear gas turbine perspective...the indirect cycle (IDC) offers a practical solution 19463
MacDonald, D., Chang, C.-F., Roman, J., Koesel, R. Automatic detection and cueing for foliage concealed targets 8658
McDonald, D., Devaprasad, J., Duesing, P., Mahajan, A., Qatu, M., Walworth, M. Re-engineering the senior design experience with industry-sponsored multidisciplinary team projects 20695
McDonald, D. *see* Farrell, T. 58336
MacDonald, D. *see* Holmes, C.J. 18377
McDonald, D. *see* Lowery, A.J. 17153
McDonald, D. *see* Mahajan, A. 20684
McDonald, D. *see* Qian, K. 16417
McDonald, D. *see* Weldon, V. 36747
Macdonald, D.C. *see* Fang, Y.J. 19233
Macdonald, D.D. *see* Kriksunov, L.B. 7475
MacDonald, I.R. *see* Tusting, R.F. 49998
McDonald, J. *see* Clem, J.R. 13494
McDonald, J. *see* Martin, R.W. 28128
McDonald, J.F. *see* Maier, C.A. 21552
McDonald, J.F. *see* Yang, G.-R. 12566
McDonald, J.F. *see* Yang, G.-R. 12586
McDonald, J.R., Burt, G., Moyes, A. Knowledge based systems for condition monitoring 38212
McDonald, J.R. *see* Aldridge, C.J. 19171
McDonald, J.R. *see* Bell, S.C. 50491
McDonald, J.R. *see* Booth, C. 50455
McDonald, J.R. *see* Leslie, A.S. 19603
McDonald, J.R. *see* McArthur, S.D.J. 8952
McDonald, J.S. Use of non-commercial software for UNIX in undergraduate engineering education 20648
McDonald, K.A. *see* Young, G.L. 30721
McDonald, K.T. *see* Kotseroglou, T. 33602
McDonald, L.C. *see* Hua, C.Y. 58955
MacDonald, L.R. *see* Levin, C.S. 59498
MacDonald, L.R. *see* Tornai, M.P. 28238
McDonald, M. The role of marketing in creating customer value 20747
MacDonald, M. *see* Weiner, D. 51285
MacDonald, M.E., Grossman, E.N. Far-infrared bandpass grid filters 31356
MacDonald, M.E., Grossman, E.N. Pattern and polarization measurements of integrated-circuit spiral antennas at 10 μm wavelength 34316
MacDonald, N.C. *see* Bohringer, K.F. 54841
MacDonald, N.C. *see* Christenson, G.L. 13547
MacDonald, N.C. *see* Saif, M.T.A. 44150
MacDonald, N.C. *see* Yao, Z.J. 54857
McDonald, P. *see* Broadbent, A.J. 43861
McDonald, P. *see* Buchner, S. 23012
McDonald, P. *see* Knudson, A.R. 23084
McDonald, P. *see* Musseau, O. 22994
McDonald, P.T. *see* Koga, R. 23275
Macdonald, R. *see* Baier-Saip, J.A. 3478
Macdonald, R. *see* Kaminskii, A.A. 44407
Macdonald, R. *see* Kaminskii, A.A. 44738
MacDonald, R.I. *see* Liu, Q.Z. 3600
MacDonald, R.I. *see* Liu, Q.Z. 44300
McDonald, R.J. *see* Wilbur, J. 27094
McDonald, S.A. *see* Grayson, T.P. 6969
McDonald, S.P., Baines, G.D., Chalmers, B.J., Collinson, A., Redford, S.J. A new motor starting technique improves the efficiency and utilisation of rural networks 19753
MacDonald, V. *see* Black, R.J., Jr. 20867
MacDonnchadha, C. ESB reconductoring policy for distribution overhead networks 19370
McDonnell, J.D., Shorten, R.N., Fagan, A.D. Post-processing of transform coded images via histogram-based edge classification 57419
McDonnell, J.T.E. Characteristics of the indoor wireless propagation environment at microwave and millimetre frequencies 34100
McDonnell, J.T.E. *see* Sava, H.P. 59430
McDonnell, J.T.E. *see* Sava, H.P. 59794
McDonnell, M. *see* Samoc, N. 44255
McDonough, J., Zavaliagkos, G., Gish, H. An approach to speaker adaptation based on analytic functions 15095
McDonough, J. *see* Bender, M. 6348
McDonough, J. *see* Hudson, D. 41197
McDonough, J. *see* Zavaliagkos, G. 15096
Macdougal, M. *see* Dapkus, P.D. 33555
MacDougal, M.H. *see* Bond, A.E. 13008
MacDougal, M.H. *see* Dapkus, P.D. 23924
MacDougal, M.H. *see* Yong Cheng 44568
MacDougall, F.W. *see* Sarjeant, W.J. 29662
MacDougall, F.W. *see* Sarjeant, W.J. 39253
MacDougall, F.W. *see* Sarjeant, W.J. 51447
MacDougall, F.W. *see* Sarjeant, W.J. 51619
MacDougall, G. *see* Gallagher, M. 32228
McDougall, J.A. *see* Chung-Kwang Chou 59747
MacDougall, J.W. *see* James, H.G. 60044
McDougall, M.M. *see* O'Brien, S.L. 49821
MacDougall, S., Nandi, A.K. Hybrid Bayesian procedures for automatic detection of change-points 52451
McDougall, S.D., MartinsFilho, J.F., Ironside, C.N. An investigation of monolithic colliding-pulse mode-locked semiconductor lasers 23996
McDougall, S.D. *see* Ironside, C.N. 55740
MacDougall, T.W. *see* Dawson, J.W. 17461
McDowall, J. *see* Lodi, G. 51465
McDowall, T.M., Ham, F.M., Fausett, L.V. Signal identification using a complex counterpropagation neural network 15237
McDowell, A. Approximate Pbe for quaternary random-sequence spread-spectrum communication 58099
Macdowell, A.A. *see* Marcus, M.A. 42794
MacDowell, A.A. *see* Ray-Chaudhuri, A.K. 22719
McDowell, A.T., Lehnert, J.S. General techniques for analyzing DS/SSMA interference illustrated by evaluating a noncoherent system 16065
McDowell, D.M., Irwin, G.W., Lightbody, G., McConnell, G. Hybrid neural adaptive control for bank-to-turn missiles 60173
McDowell, J.K., Sticklen, J., Hawley, M.C. Avoiding "build-to-print" in polymer composites: design and manufacturing decision support at the conceptual stages 52143
McDowell, W. *see* Cho, Y. 18067
McDuffee, J.L., Ruggles, A.E. Prediction of the local pressure gradient during partially developed subcooled boiling in research reactors of high power density 50717
McEachern, J.F. *see* Lauchle, G.C. 18907
McEachern, M. *see* Kawatani, T. 15553
Macedo, F.X. *see* Chisholm, W.A. 8927
Macedo, R.C.de *see* de Macedo, R.C.
Macedonia, M.R., Zyda, M.J. A taxonomy for networked virtual environments 47047
Macek, R.J., Wilkinson, C.A. RAMI analysis and modeling for the LANSCE accelerator systems 7686
Macek, S. *see* Valant, M. 36870
Macek-Kaminska, K., Wach, P. Estimation of the parameters of mathematical models of squirrel-cage inductions motors 9245
McEldowney, D. ControlNet features high speed 16270
McElgin, W. *see* Mozley, P.D. 37908
McElhinney, M. *see* Neilson, D.T. 44083
McEliece, R.J., Wei Lin The trellis complexity of convolutional codes 24698
McEliece, R.J. *see* Deora, S.K. 36034
McEliece, R.J. *see* Kiely, A.B. 24684
Macelloni, G. *see* Coppo, P. 8381
McElroy, M. Digital mapping–more than just a pretty picture 19307
McElvain, J., Antoniadis, H., Hueschen, M.R., Miller, J.N., Roitman, D.M., Sheats, J.R., Moon, R.L. Formation and growth of black spots in organic light-emitting diodes 3630
MacElwee, T.W. *see* Tarr, N.G. 13146
McEneaney, D. *see* Escalona, O.J. 49620
McEntee, K. *see* Perfecto, E.D. 301
McEntee, M. ARCnet for embedded control 16084
McEnvoy, H.C., Raven, K.M., Pokhodoun, A.I., Matveyev, M.S. Anglo-Russian agreement in metrology: theme 26, the international temperature scale of 1990 above 962°C. NPL-VNIIM intercomparison of tungsten ribbon lamps 27365
Macerata, A. *see* Penzel, T. 28066
Macerata, A. *see* Pola, S. 37592
Macerata, A. *see* Varanini, M. 49389
Macesker, B., Timpe, G. An overview of the U.S. Coast Guard Research and Development Center's contributions to marine technology 38096
McEuen, P.L., Kouwenhoven, L.P., Jauhar, S., Orenstein, J., McCormick, K., Dixon, D., Nazarov, Yu.V., Van Der Vaart, N.C., Foxon, C.T. Microwave-assisted transport through a quantum dot 54185
MacEvoy, B. *see* De Fez-Laso, M.D.M. 37505
MacEvoy, B.C. Defect kinetics in silicon detector material 7821
MacEvoy, B.C. *see* Gill, K. 7815
McEwan, A., Ristic, R.I., Shekunov, B.Yu., Sherwood, J.N. The growth and perfection of organic non-linear optical crystals: N-methyl urea (NMU) from methanol solution. II. Morphological instability 685
McEwan, T.E. *see* Azevedo, S. 58441
McEwen, J. *see* Gupta, V. 28075
McEwen, J.A. *see* Melin, J. 18204
McEwen, R.K. *see* Huckridge, D. 38169
Macey, P.C. Finite element/boundary element modelling techniques applied to ring transducers with viscoelastic coating 50245
McFadden, J.D.O., Greenwell, R., Hatch, J., Barnes, C., Pentrack, D., Scott, D. Measurements and results of gamma radiation induced attenuation at 980 nm of single mode fiber 43956
Macfadzean, R., Barber, K.S., Szygenda, S. Discrete event simulation of radar interference 48102
McFall, W.D. *see* Yin, Y. 9566
McFarland, A.R. *see* Parulian, A. 49819
McFarland, E.G. *see* Ge Wang 18376
McFarland, M.J. *see* Ilic, I. 36105
McFarlane, A. Digital signal processing 56526
MacFarlane, D.L. *see* Cox, W.R. 52208
MacFarlane, D.R. New inorganic glasses for optical waveguides 13538
MacFarlane, D.R., Sun, J., Forsyth, M., Bell, J.M., Evans, L.A., Skyrabin, I.L. Polymer electrolytes for electrochromic window applications 23586
McFarlane, J., Miceli, J., Morin, P., Roorda, P., Scott, M. Highways of light: toward an all-optical network 16674
Macfarlane, R. *see* Downing, E. 17714
McFarlane, R.A. *see* Wittwer, S. 3766
Macfarlane, R.M., Zhu, M. Observation of coherent transients by use of current switching of a semiconductor diode laser 44712
Macfarlane, R.M. *see* Bernal, M.-P. 14427
Macfarlane, R.M. *see* Downing, E.A. 7500
Macfarlane, R.M. *see* Equall, R. 14410
McFarlin, M.S. Signature design and virtual target development with MMW prediction codes 50274
McGahan, W.A., Spady, B.R., Iacoponi, J.A., Williams, J.D. Optical characterization of TiN thin films 32986
McGahay, V. *see* Subbanna, S. 41161
McGall, T. *see* Fish, S. 24397
McGarrity, C., Jackson, D.A. Determining quasi-static measurands without a receiving interferometer using a simple dual-wavelength technique 36605
McGarrity, C., Jackson, D.A. Analysis of the frequency components of phase-modulated white light interferometry to determine the central maximum position 36629
McGarrity, C., Jackson, D.A. Time division multiplexing of interferometric sensors at 1300 nm using a lithium niobate amplitude/phase modulator 48587
McGarry, F.J. *see* Shaffer, E.O., II 948
McGarry, J.F., Degnan, J.J., Titterton, P., Sweeney, H., Conklin, B.P., Dunn, P.J. Automated tracking for advanced satellite laser ranging systems 36265
McGaughey, P.L. *see* Morris, C.L. 946
McGaughy, B.W., Chen, J.C., Sylvester, D., Chenming Hu A simple method for on-chip, sub-femto Farad interconnect capacitance measurement 12821
McGaughy, B.W. *see* Chen, J.C. 42710
McGavern, R.J. *see* Pai, C.P. 37959
McGeady, K.J. Geographic chess [AM/FM/GIS developments] 5900
McGee, B. *see* Sridhar, R. 2830
McGee, J. *see* Li, S.T. 47609
McGee, J.-Y. *see* Faucher, D. 28868
McGee, M.W. *see* Sanders, R.C. 48451
McGee, R. *see* Caulfield, D.D. 50215
McGee, W.F. *see* Sablatash, M. 45966
McGee, W.F. *see* Sablatash, M. 56250
McGeehan, J.P. *see* Boloorian, M. 6536
McGeehan, J.P. *see* Liu, L.Q. 47774
McGeehan, J.P. *see* Nix, A.R. 26118
McGeehan, J.P. *see* Sun, Y. 47156
McGeer, P.C. *see* Lavagno, L. 53255
McGeoch, M.W. *see* Sethian, J.D. 51265
McGeorge, J.C. *see* MacGregor, I.J.D. 37365
McGhee, D. *see* Cho, Y. 18067
McGibney, J., Morris, D., Curran, T. Contracts for ATM services: a structured analysis 46878
McGill, D.D. Flat panel display manufacturing at Sharp Microelectronics Technology, Inc 17615
McGill, J. *see* Krizan, P. 59293
McGill, M.J., Skinner, W.R., Irgang, T.D. Analysis techniques for the recovery of winds and backscatter coefficients from a multiple-channel incoherent Doppler lidar 50041
McGill, M.J., Skinner, W.R., Irgang, T.D. Validation of wind profiles measured with incoherent Doppler lidar 60060
MacGill, R. *see* Oks, E. 22123
MacGill, R.A. *see* Anders, A. 29411
McGill, T. *see* Cheesman, J. 47479
McGill, T.C. *see* Alonzo, A.C. 42082
McGill, T.C. *see* Bandic, Z.Z. 52618
McGill, T.C. *see* Perkins, N.R. 21278
McGill, T.C. *see* Pettersson, P.O. 52621
McGill, T.C. *see* Ting, D.Z.-Y. 54716
McGillis, D.T. *see* Galiana, F.D. 19275
McGinley, W.M. *see* Shen, J.Y. 18594
McGinn, W.D., Booker, R.P.A. Implementation of a second-generation long-linear imager for the high performance application 36685
McGinnis, H., Julias, B. Florida Power picks PCs for process computing 60492
McGinnis, L.F. *see* Ammons, J.C. 52170
McGinnis, S., Norin, L., Jansson, U., Carisson, J.-O. Use of oxygen-stabilized C_{60} films for selective chemical vapor deposition 30910
McGinnis, S. *see* Olsson, J. 12364

McGinniss, J.L., Jr. *see* Zubelewicz, A. 30336
McGinnity, S., Irwin, G. Fuzzy local linear models for target tracking 26989
McGinnity, S., Irwin, G.W. Fuzzy assisted Kalman filtering for target tracking 34741
McGinnity, T.M. *see* McDaid, L.J. 21589
McGinty, D.J. *see* Kucerovsky, Z. 32596
McGinty, D.J. *see* Kucerovsky, Z. 32645
McGinty, J. *see* Hanson, D.A. 2775
McGinty, N.C., Kennedy, R.A. Reduced-state sequence estimator with reverse-time structure 46531
McGlynn, J.D. Rapid trade-space realization of IR missile seeker design with a dynamic performance model 19014
McGoldrick, N. *see* Downs, S.P.C. 60445
McGoldrick, P. Amplifiers attain 400-MHz bandwidths 1144
McGoldrick, P. ADCs with multiplexers are shaping up in design 1509
McGoldrick, P. Communication solution comes to mass storage 3206
McGoldrick, P. Demodulator with FEC decoder has on-chip timing, recovery 7075
McGoldrick, P. Dual-frequency PLL synthesizers target PCSs 21543
McGoldrick, P. Voice-storage IC has novel message management 22992
McGoldrick, P. Did you hear what I said? [speech recognition] 24810
McGoldrick, P. Switch completes digital interface products 26431
McGoldrick, P. Architectural breakthrough moves conversion into the mainstream 31338
McGoldrick, P. Flexible circuits use different technologies for manufacture 31573
McGoldrick, P. Telecom chip set for STM-4 solutions is complete to Bellcore standards 36091
McGoldrick, P. 256 video crosspoints in a TQFP confound the critics 36325
McGoldrick, P. Processor is complete interface to resistive tablets 41195
McGoldrick, P. High-frequency processes remain locked in the vault 43170
McGoldrick, P. Op amp supply squeezed down to 1 V rail-to-rail 53043
McGoldrick, P. At last DVD is available to the consumer 55171
McGonagle, W.H. *see* Waxman, A.M. 17511
McGonagle, W.M. *see* Reich, R.K. 36661
McGorty, C. *see* Zaffanella, C. 49902
McGovern, M.G. *see* Morris, S.E. 21529
McGowan, C., Reid, D.T., Ebrahimzadeh, M., Sibbett, W. Femtosecond pulses tunable beyond 4 μm from a KTA-based optical parametric oscillator 24101
McGowan, C., Reid, D.T., Ebrahimzadeh, M., Sibbett, W., Allen, J.F. Mid-infrared femtosecond pulses from a critically phase-matched optical parametric oscillator based on $KTiOAsO_4$ 24122
McGowan, C. *see* Reid, D.T. 14406
McGowan, C. *see* Reid, D.T. 48967
McGowan, F. *see* Holmes, P. 26003
McGowan, J. *see* Leslie, A.S. 19603
McGowan, J.G. *see* Manwell, J.F. 29162
McGowan, P.F. *see* Dellenback, S.W. 58590
McGowen, M. Serial-HIPPI network interfaces using the RoadRunner PCI ASIC 57947
McGranaghan, M.F. *see* Gole, A.M. 38858
McGranaghan, M.F. *see* Le Tang 51887
McGrath, D., Newcombe, A. The SEMANTIC approach to management interworking 26049
McGrath, D.T., Pyati, V.P. Periodic structure reflection and transmission calculation using the hybrid finite element method 33928
McGrath, D.T. *see* Haworth, M.D. 12111
McGrath, F. *see* Struble, W. 40929
McGrath, M.T. *see* Solomon, S.C. 60062
McGrath, P. Advances in laminates and processes for multilayer PCB manufacture 1838
McGrath, P., Soutar, A. Non-precious metal finishes for fine pitch assembly 53791
McGrath, P.B. *see* Frost, N.E. 2971
McGrath, P.B. *see* Frost, N.E. 32712
McGrath, P.B. *see* Guoxiang Xu 8936
McGrath, P.B. *see* Xu, G. 38404
McGrath, R.T. *see* Veerasingam, R. 17712
McGrath, R.T. *see* Veerasingam, R. 17713
McGrath, W.R. *see* Karasik, B.S. 32956
McGraw, J.M., Zhang, J.-G., Turner, J., Ginley, D. Lithium charging capacities of vanadium oxide thin films grown by pulsed laser deposition for rechargeable Li battery applications 21364
Macgregor, A.E., Young, R.I. Hadamard transforms of images by use of inexpensive liquid-crystal spatial light modulators 56836
McGregor, D.N. *see* Cain, J.B. 25837
McGregor, D.R., Adams-Melvin, B.L., Dietz, K.H. Effects of copper foil type and surface preparation on fine line image transfer in primary imaging of printed wiring boards 11902
McGregor, D.S., Antolak, A.J., Cross, E.S., Fang, Z.-Q., Goorsky, M.S., Henry, R.L., James, R.B., Look, D.C., Mier, M.G., Morse, D.H., Nordquist, P.E.R., Olsen, R., Schieber, M., Schlesinger, T.E., Soria, E., Toney, J.E., Van Scyoc, J., Yoon, H. Material analysis and characterization on zone refined and zone leveled vertical zone melt GaAs for radiation spectrometers 37313
McGregor, D.S., Chui, H.C., Flatley, J.E., Henry, R.L., Nordquist, P.E.R., Olsen, R.W., Pocha, M., Wang, C.L. Comparison of vertical gradient freeze bulk GaAs and custom grown vertical zone melt bulk GaAs as radiation spectrometers 37323
McGregor, D.S., Lindsay, J.T., Brannon, C.C., Olsen, R.W. Semi-insulating bulk GaAs as a semiconductor thermal-neutron imaging device 37340
McGregor, D.S., Lindsay, J.T., Olsen, R.W. Thermal neutron detection with $cadmium_{1-x}$ $zinc_x$ telluride semiconductor detectors 37273
McGregor, D.S. *see* Goorsky, M.S. 37301
McGregor, D.S. *see* Lund, J.C. 37557
McGregor, D.S. *see* Schieber, M. 7805
McGregor, G. *see* Eggers, H. 11432
McGregor, G. *see* Lysaght, P. 11315
MacGregor, I.J.D., Annand, J.R.M., Branford, D., Cross, G.E., Grabmayr, P., Harty, P.D., Hehl, T., Lamparter, T., MacKenzie, J.A., McAllister, S., McGeorge, J.C., Owens, R.O., Schneider, R., Terzoudi, P., Watts, D.P., Yau, T.T.-H. PiP–a large solid angle scintillation telescope for detecting protons and pions 37365
McGregor, J. *see* Brown, K.C. 54824
McGregor, K.W. *see* O'Sullivan, R.A. 4015
MacGregor, M.H. *see* Duggal, A. 16124
MacGregor, M.H. *see* Grover, W.D. 35421
MacGregor, M.H. *see* Iraschko, R.R. 5891
MacGregor, M.H. *see* Zheng, Y. 46558
MacGregor, R. *see* Chaplin, C.P. 8459
MacGregor, S.J., Fouracre, R., Given, M.J., Turnbull, S.M. The propagation of a 4 metre guided discharge across a dielectric surface 43447
MacGregor, S.J., Turnbull, S.M., Tuema, F.A. A corona stabilised, high PRF closing switch 9438
MacGregor, S.J., Turnbull, S.M., Tuema, F.A., Farish, O. A 100 kV, 1 kHz triggered pulse generator 51261
MacGregor, S.J., Turnbull, S.M., Tuema, F.A., Harrower, J. The performance of a simple PFN Marx generator 60867
MacGregor, S.J. *see* McPhee, A.J. 43559
MacGregor, S.J. *see* McPhee, A.J. 50595
MacGregor Smith, J. *see* Gosavi, H.D. 52421
McGruer, N.E. *see* Zavracky, P.M. 43384
McGuire, A. *see* Boettle, D. 26456
McGuire, A. *see* Masetti, F. 26444
McGuire, C. *see* Sevic, J.F. 41470
McGuire, G. *see* Calderbank, A.R. 45575
McGuire, G.E., Temple, D. Fabrication of silicon-based field emitter arrays 1913
McGuire, G.E. *see* Auciello, O. 846
McGuire, G.E. *see* Cha-Mei Tang 22149
McGuire, J. For efficient signal processing in embedded systems, take a DSP, not a RISC 53337
McGuire, J.R. Engineering education in Japan: my experience 20516
McGuire, K., Danyluk, S., Baker, T.L., Rupnow, J.W., McLaughlin, D. The influence of backgrinding on the fracture strength of 100 mm diameter (111)p-type silicon wafers 32200
McGuire, P. *see* Gentilman, R. 17289
McGurn, A.R. *see* Malyshkin, V. 27912
McGurn, J.S. *see* Sanford, T.W.L. 7753
McGurn, J.S. *see* Spielman, R.B. 37566
Mach, K.J. *see* Charles, H.K., Jr. 53839
Mach, P.J. Holographic and thermal diagnostics of integrated circuits 22080
Macha, K. *see* Heckman, J. 37003
Machac, P. *see* Myslik, V. 42272
Machac, P. *see* Vrnata, M. 54327
Machado, A.H. *see* de Menezes, L.R.A.X. 41425
Machado, E. *see* Donoso, A. 42056
Machado, G.A.S., Toumazou, C. An analytical lumped-parameter 3D cochlear model and architecture for cochlear signal processing in VLSI 8159
Machado, L.J.B. *see* Rolim, J.G. 19155
Machado da Silva, J. *see* Bell, I.M. 11609
McHale, G. *see* Hooper, P.D. 12602
McHale, G. *see* Hooper, P.D. 12603
McHale, G. *see* Hooper, P.D. 54131
McHarg, J.C., Abouzahra, M.D., Lucey, R.F. 95-GHz millimeter wave radar 36256
Mchedlidze, T.R. *see* Jablonski, J. 42292
Machehin, Yu.P., Odinets, V.A., Smulacovsky, V.M., Soloviov, V.S. Optical frequency (wavelength) standard, based on group of $He\text{-}Ne/^{127}I_2$ lasers with λ=633 nm 17183
Macheng Song *see* Song Macheng
Macher, W. *see* Rucker, H.O. 17019
McHerron, D., Toy, H., Cammarano, A. A hermetic thin film sealing technology for MCM-D 304
Machida, K. *see* Hirata, A. 12767
Machida, K. *see* Kodate, J. 42400
Machida, K. *see* Wakita, Y. 35782
Machida, S. Space-charge-induced resonances in a synchrotron 37091
Machida, S., Shoji, Y. Space charge induced nonstructure resonances 18029
Machida, S. *see* Sato, H. 59166
Machida, T., Hirai, H., Komiyama, S., Osada, T., Shiraki, Y. Current-induced decoupling of edge states in the integer quantum Hall effect 22327
Machida, T. *see* Tonegawa, S. 58245
Machidori, W. *see* Yamashita, H. 23132
Machihara, F. A MAP/SM/1 queue with service times depending on the arrival process 21036
Machill, S. *see* Rahner, D. 9483
Machill, S. *see* Rahner, D. 29586
Machill, S. *see* Rahner, D. 29590
Machin, G., Ricolfi, T., Battuello, M., Negro, G., Jung, H.-J., Bloembergen, P., Bosma, R., Ivarsson, J., Weckstrom, T. Comparison of the ITS-90 using a transfer standard infrared radiation thermometer between seven EU national metrological institutes 27205
Machin, G. *see* Sakuma, F. 27208
Machiraju, R., Yagel, R. Reconstruction error characterization and control: a sampling theory approach 15923
Machlab, H. *see* Ducharme, S. 36504
Machmoum, M., Bruyant, N., Siala, S., Le Doeuff, R. A practical approach to harmonic current compensation by a single-phase active filter 50461
Machmoum, M. *see* Guerin, P. 61316
Machonkin, M.A. *see* Chen, I. 44206
Machorro, R. *see* Ponce, L. 2057
Machowski, B. *see* Bieser, F. 59307
Machowski, W., Balachandran, W. Application of travelling wave field technique for handling cohesive powders 33850
Machowski, W. *see* Balachandran, W. 33837
McHugh, L. *see* Surber, J. 53389
McHugh, M. *see* Vernotte, F. 17021
McHugh, M. *see* Vernotte, F. 36929
McHugo, S. *see* Hieslmair, H. 32250
McHugo, S.A., Hieslmair, H., Weber, E.R. Gettering of metallic impurities in photovoltaic silicon 42351
McHugo, S.A., Weber, E.R., Myers, S.M., Petersen, G.A. Competitive gettering of copper in Czochralski silicon by implantation-induced cavities and internal gettering sites 2298
Maci, M.S. *see* Toccafondi, A. 56178
Maci, S., Ufimtsev, P.Ya., Tiberio, R. Equivalence between physical optics and aperture integration for radiation from open-ended waveguides 24517
Maci, S. *see* Albani, M. 33920
Maci, S. *see* Albans, M. 33941
Maci, S. *see* Borseri, L. 34294
Maci, S. *see* Capolino, F. 34214
Maci, S. *see* Capolino, F. 34403
Maci, S. *see* Tiberio, R. 33976
Macias, M.E. *see* Cholewicki, J. 37595
Macias, M.Macias *see* Macias Macias, M.
Macias Macias, M., Lopez Aligue, F.J., Garcia Orellana, C.J. NEREA: a parallel simulator for large neural networks 21433
Macias-Santiesteban, F. *see* Cruz-Orea, A. 1968
Macicek, J.J. *see* Shumov, D.P. 43887
Maciejewski, A.A. *see* Allebach, J.P. 52032
Maciejewski, P. *see* Mehta, S.K. 27101
Maciejewski, U. *see* Knitter, R. 52841
Maciejko, R. *see* Jianyao Chen 14131
Maciejko, R. *see* Jianyao Chen 14183
Maciel, G.S., De Araujo, C.B., Messaddeq, Y., Aegerter, M.A. Frequency upconversion in Er^{3+}-doped fluoroindate glasses pumped at 1.48 μm 44744
Maciel, M.C. *see* Dennis, J.E., Jr. 40114
Maciel Barbosa, F.P. *see* Ferreira, I.M. 8739
Macii, A., Macii, E. A stationary allocation technique for shared broadcast communication channels 57604
Macii, A., Macii, E. VLSI implementation of the SS7 TCAP 57962
Macii, E. A discussion of explicit methods for transitive closure computation based on matrix multiplication 603
Macii, E. A fast matrix-based approach to the computation of valid masking patterns for HSLC nonbinary counters 1230
Macii, E. Shift register diagnostics: an architectural solution 53155
Macii, E., Poncino, M. Power consumption of static and dynamic CMOS circuits: a comparative study 54787
Macii, E. *see* Bahar, R.I. 11030
Macii, E. *see* Baldi, M. 5883
Macii, E. *see* Baldi, M. 57631
Macii, E. *see* Hachtel, G.D. 21626
Macii, E. *see* Hyunwoo Cho 21624
Macii, E. *see* Hyunwoo Cho 21625
Macii, E. *see* Macii, A. 57604
Macii, E. *see* Macii, A. 57962
McIlroy, D.N. *see* Seong-Don Hwang 42909
McIlroy, D.N. *see* Seong-Don Hwang 52772
McIlvaney, K., McKee, A., Bryce, A.C., Marsh, J.H., Jones, W. Feasibility of monolithic device integration in GaInP/AlGaInP using photoabsorption induced disordering 32103
McIlvaney, K. *see* Ooi, B.S. 55291
McInerney, J.G. *see* Sandoval, S.G. 3919
McInerney, J.G. *see* Zhao, Y.-G. 3819
McInerney, L. A layered approach [ATM] 46891
McInerney, M.K. *see* Croisant, W.J. 45204
McInerny, S.A., Stern, H.P., Haskew, T.A. A multidisciplinary junior level laboratory course in dynamic data acquisition 20587
MacInnes, C.S., Vaccaro, R.J. Tracking directions-of-arrival with invariant subspace updating 25126
McInnes, F. *see* Yoma, N.B. 4596
McInnes, F. *see* Yoma, N.B. 45675
McIntosh, A., Brown, E.R., Nichols, K.B., McMahon, O.B., DiNatale, W.F., Lyszczarz, T.M. Terahertz measurements of resonant planar antennas coupled to low-temperature-grown GaAs photomixers 14710

McIntosh, A., Nichols, K.B., Verghese, S., Brown, E.R. Investigation of ultrashort photocarrier relaxation times in low-temperature-grown GaAs 23658
McIntosh, E. *see* Giovannozzi, M. 59177
McIntosh, F.G., Piner, E., Boutros, K., Roberts, J.C., He, Y., Moussa, M., El-Masry, N., Bedair, S.M. AlGaInN quaternary alloys by MOCVD 21274
McIntosh, F.G., Piner, E.L., Roberts, J.C., Behbehani, M.K., Aumer, M.E., El-Masry, N.A., Bedair, S.M. Epitaxial deposition of GaInN and InN using the rotating susceptor ALE system 52697
McIntosh, F.G. *see* Boutros, K.S. 21273
Mcintosh, F.G. *see* Piner, E.L. 10798
McIntosh, F.G. *see* Piner, E.L. 40409
McIntosh, F.G. *see* Roberts, J.C. 10794
McIntosh, G.E. *see* Van Sciver, S.W. 43854
McIntosh, G.E. *see* Welton, S.J. 43855
McIntosh, I.B. *see* Alexander, B.B. 20518
McIntosh, K.A. *see* Murtz, M. 48311
McIntosh, K.A. *see* Waltman, S.B. 41435
McIntosh, L.H. *see* Kohl, P.A. 1886
McIntosh, P.M., Snowden, C.M. Measurement of heterojunction bipolar transistor thermal resistance based on a pulsed I-V system 22771
McIntosh, P.M., Staniforth, M.J., Snowden, C.M. Determination of HBT thermal resistance using pulsed I-V measurements 54600
McIntosh, R. *see* Carswell, J. 8429
McIntosh, R. *see* Frasier, S. 8489
McIntosh, R.E. *see* Frasier, S.J. 8501
McIntosh, R.E. *see* Lohmeier, S.P. 50062
McIntosh, R.E. *see* Mead, J.B. 8437
McIntosh, R.E. *see* Mead, J.B. 18822
McIntosh, R.E. *see* Mead, J.B. 18824
McIntosh, R.E. *see* Mead, J.B. 28593
McInturff, A. *see* Palmer, R.B. 17966
McInturff, A.A. *see* Scanlan, R.M. 37053
McInturff, A.D. *see* Scanlan, R.M. 13516
McInturff, D. *see* Holden, T. 41918
McInturff, D. *see* Ng, T.-B. 12725
McInturff, D.T. *see* Juodawlkis, P.W. 22330
MacIntyre, B., Feiner, S. Future multimedia user interfaces 6306
McIntyre, C.M. *see* Daku, B.L.F. 27103
McIntyre, C.M. *see* Swift, M. 25229
Macintyre, D., Thoms, S. High resolution electron beam lithography studies on Shipley chemically amplified DUV resists 42855
McIntyre, G. *see* Hintz, K.J. 59919
MacIntyre, J., O'Brien, J.C. Investigations into the use of wavelet transformations as input into neural networks for condition monitoring 36376
McIntyre, M., Nurani, R.K., Akella, R. Key considerations in the development of defect sampling methodologies 30361
McIntyre, M. *see* Li, J. 30365
McIntyre, P. *see* Fowler, A.M. 48650
McIntyre, P. *see* Neuffer, D. 7694
McIntyre, P. *see* Scanlan, R.M. 13516
McIntyre, P. *see* Scanlan, R.M. 37053
McIntyre, P.C., Summerfelt, S.R., Maggiore, C.J. Oxidation kinetics of TiN layers: exposed and beneath Pt thin films 32239
McIntyre, P.C., Wu, D.T., Nastasi, M. Interdiffusion in epitaxial Co/Pt multilayers 43662
McIntyre, P.C. *see* Tung-Sheng Chen 41539
McIntyre, R. The adverse impact of flight management systems on long range international airline operations 49955
McIntyre, T.J. *see* Barker, P. 28541
Maciossek, A. *see* Lochel, B. 2863
Maciossek, A. *see* Lochel, B. 13172
Maciossek, A. *see* Loechel, B. 43622
MacIsaac, N.D. *see* Knowles-Spittle, C. 20119
Maciulli, P., Sibilia, C., Bertolotti, M. Nonlinear Cantor corrugated waveguide 43996
Maciunas, K.J. *see* Hawick, K.A. 58249
Maciunas, R.J. *see* Maurer, C.R., Jr. 7886
Maciunas, R.J. *see* Maurer, C.R., Jr. 18274
McIver, A., Holmes, D.G., Freere, P. Optimal control of a variable speed wind turbine under dynamic wind conditions 38666
McJimsey, M. *see* Gampell, D. 61234
Mack, A. *see* Gang Bai 2437
Mack, C.A. Evaluation of proximity effects using three-dimensional optical lithography simulation 2532
Mack, C.A. The lithography expert: optical proximity effects. III 12831
Mack, C.A. Reducing proximity effects in optical lithography 32257
Mack, C.A. *see* Thornton, S.H. 2511
Mack, D.R. The top 10 equations [electrical engineering] 57
Mack, J.M. *see* Moses, R.W. 18932
Mack, S., Baumann, H., Gosele, U. Gas development at the interface of directly bonded silicon wafers: investigation on silicon-based pressure sensors 32581
Mack, S., Baumann, H., Gosele, U., Werner, H., Schlogl, R. Analysis of bonding-related gas enclosure in micromachined cavities sealed by silicon wafer bonding 54836
MacKay, B., Wurst, K., Barker, K. Teaching IPPD and teamwork in an engineering design course 20599
McKay, C.R. *see* Liang, W. 37733
McKay, C.R. *see* Prause, G.P.M. 37736
McKay, C.R. *see* Zhang, X. 49525
MacKay, D.J.C., Neal, R.M. Near Shannon limit performance of low density parity check codes 45586
Mackay, D.R., Law, K.H. A parallel implementation of a generalized Lanczos procedure for structural dynamic analysis 10487
MacKay, J.F. *see* Townsley, L.K. 27681
Mackay, K. *see* Peuzin, J.C. 32790
McKay, K.M. Integrated automatic vehicle location systems 51739
McKay, M. *see* Espada, L.I. 724
McKay, M. *see* Helszajn, J. 11671
McKay, R. *see* Selley, C.J. 35664
Mackay, R.M., Probert, S.D. Integrated policies for energy and the environment: options for the UK in a world context 60467
McKay, S.L. *see* Coles, G.A. 38481
McKean, K. *see* Potier, N. 39764
McKee, A., McLean, C.J., Lullo, G., Bryce, A.C., De La Rue, R.M., Marsh, J.H., Button, C.C. Monolithic integration in InGaAs-InGaAsP multiple-quantum-well structures using laser intermixing 12507
McKee, A. *see* McIlvaney, K. 32103
McKee, A. *see* Marsh, J.H. 3450
McKee, J. *see* Chatterjee, A. 43299
McKee, J.A. *see* Thakar, G.V. 2812
McKee, P. *see* Eardley, P.L. 16812
McKee, P.F. *see* Barcelos, S. 13592
McKee, R., Lampe, D., Halvis, J., Henricks, T., Wilson, T., Kleinhans, W., Linga, K., Lange, M. Near room temperature performance of a SWIR InGaAs-Si hybrid 96 element×25 TDI high performance FPA 17495
McKee, S. *see* Aldridge, C.J. 19171
McKeever, J.W. *see* Hsu, J.S. 29241
McKellar, E.N., Jr., Dwyer, G.K., Walli, G.J., Calomeni, P.L. Like Topsy, it just grew: students and staff make a collaborative documentation project work 20454
McKelvie, J. *see* Walker, C.A. 21402
McKelvin, J. Thermal-insensitive moire interferometry 27933
McKenna, P. *see* Holloway, C.L. 34112
McKenna, P.M. *see* Quincy, E.A. 26940
McKenney, G. Tomorrow's solution: Today (access networks) 6826
McKenzie, D.R. *see* Yin, Y. 9566
McKenzie, D.R. *see* Yin, Y. 10849
Mackenzie, J., Huopaniemi, J., Valimaki, V., Kale, I. Low-order modeling of head-related transfer functions using balanced model truncation 34759
Mackenzie, J. *see* Kanskar, M. 43997
MacKenzie, J.A. *see* MacGregor, I.J.D. 37365
Mackenzie, J.A. *see* Ritchie, S. 52680
MacKenzie, J.D. *see* Abernathy, C.R. 12672
Mackenzie, J.D. *see* Butty, J. 2022
MacKenzie, J.D. *see* Lee, J.W. 23942
MacKenzie, J.D. *see* Lee, J.W. 54459
MacKenzie, J.D. *see* Pearton, S.J. 22262
MacKenzie, J.D. *see* Pearton, S.J. 22591
Mackenzie, J.D. *see* Ren, F. 22876
MacKenzie, J.D. *see* Vartuli, C.B. 12712
Mackenzie, J.D. *see* Vartuli, C.B. 12764
MacKenzie, J.D. *see* Vartuli, C.B. 22257
MacKenzie, J.D. *see* Vartuli, C.B. 22429
MacKenzie, J.D. *see* Vartuli, C.B. 22445
MacKenzie, J.D. *see* Vartuli, C.B. 42576
Mackenzie, J.D. *see* Vartuli, C.B. 54244
Mackenzie, J.D. *see* Wu, X. 54088
Mackenzie, J.D. *see* Zavada, J.M. 33578
MacKenzie, J.J., Avery, W.H. Ammonia fuel: the key to hydrogen-based transportation 28989
Mackenzie, M.R. *see* Li, E.B. 17355
McKenzie, N.R., Ebeling, C., McMurchie, L., Borriello, G. Experiences with the MacTester in computer science and engineering education 30043
MacKenzie, P. *see* Chan, A. 4567
MacKenzie, P.D., Ramachandran, V. ERCW PRAMs and optical communication 16684
Mackenzie, R.A.D. *see* Usherwood, T.W. 32829
McKenzie, R.H. *see* Dunford, R.B. 54149
McKeon, J.B., Chindalore, G., Hareland, S.A., Shih, W.-K., Wang, C., Tasch, A.F., Jr., Maziar, C.M. Experimental determination of electron and hole mobilities in MOS accumulation layers 54646
McKeown, M. *see* Grosso, F. 53836
McKeown, N. *see* Mekkittikul, A. 16498
Mckeown, P.J. *see* Zazzera, L.A. 23047
Mackeown, W.J.P. *see* Dickson, S. 7899
Mackerle, J. Finite element analysis and simulation of welding: a bibliography (1976-1996) 20845
Mackerle, J. Implementing finite element methods on supercomputers, workstations and PCs. A bibliography (1985-1995) 21205
Mackerle, J. Structural response to impact, blast and shock loadings: a FE/BE bibliography (1993-1995) 29985
Mackerras, D., Darveniza, M., Liew, A.C. Review of claimed enhanced lightning protection of buildings by early streamer emission air terminals 38433
McKerrow, L. *see* Getta, J.R. 27922
McKerrow, P.J., Shao min Zhu Modelling multiple reflection paths in ultrasonic sensing 36895
McKerrow, P.J., Volk, S.J. A systems approach to data fusion 27923
McKerrow, P.J. *see* Getta, J.R. 27922
Mackert, B.-M. *see* Burghoff, M. 28318
McKew, H.J. A maintenance improvement plan [for building services] 30114
Mackh, G., Ossau, W., Yakovlev, D.R., Hellmann, R., Gobel, E.O., Worrowicz, T., Karczewski, G., Kossut, J., Landwehr, G. Exciton magnetic polarons in strongly confined CdTe/(CdMn)Te quantum wells 22369
Mackh, G., Yakovlev, D.R., Ossau, W., Hellmann, R., Euteneur, A., Gobel, E.O., Waag, A., Fischer, F., Landwehr, G. Effect of dynamics and dimensionality on the stability of exciton magnetic polarons in (CdMn)Te/(CdMnMg)Te heterostructures 22316
Mackh, G. *see* Kochereshko, V.P. 22371
McKhann, C.F. *see* Hussman, K.L. 37648
McKibben, J. *see* Haaland, P. 17667
McKie, A.D.W. *see* Safaeinili, A. 31026
Mackie, R.T., McCulloch, D.L., Bradnam, M.S., Glegg, M., Evans, A.L. The effect of motion on pattern-onset visual evoked potentials in adults and children 28341
Mackie, W.A. *see* Yu, M.L. 22151
MacKie-Mason, J.K. *see* Murphy, L. 5746
McKiernan, G. Parallel Universe: the organization of information elements and access in a World Wide Web (WWW) virtual library 6259
Mackiewich, B.T. *see* Atkins, M.S. 18386
McKillip, R.C. Advanced displays and Interactive Displays Federated Laboratory 18983
McKillop, J.H. Nuclear medicine 18256
McKim, C.S., Matthews, M.T. Modular Modeling System Model Builder 29059
McKim, H.L. *see* Zhang, J. 8414
Mackin, M. *see* Baez, A.N. 18677
McKinley, B.L., Whipple, G.H. Noise model adaptation in model based speech enhancement 15074
McKinley, J.T. *see* Tolk, N.H. 2392
McKinley, K. *see* Dunlop, D. 52977
McKinley, K. *see* Ussery, C. 53462
McKinley, K.A., Sandler, N.P. Tantalum pentoxide for advanced DRAM applications 40544
McKinley, K.A. *see* Wai Shing Lau 42532
McKinley, M.C., Kight, E.J., Eden, D.D., Smith, R.M., Sundstrom, B.M. A versatile passive millimeter wave imaging testbed 36874
McKinley, P.K. *see* Judd, D. 15554
McKinley, R.L. *see* Perrott, D.R. 49879
McKinnell, J.C., O'Larey, P.M., Jablonski, P.D., Siddall, M.B. Tantalum-niobium alloy diffusion barriers for superconducting Nb_3Sn wires in fusion applications 55140
McKinnell, J.C. *see* Summers, L.T. 55139
McKinney, E.D., DeBrunner, V.E. A two-microphone adaptive broadband array for hearing aids 18526
McKinney, J.P., Howell, G.L. A data acquisition and analysis system for coastal ocean measurements 50190
McKinney, S.J. *see* Taylor, E.W. 44124
McKinnon, G.C. *see* Ladd, M.E. 7888
McKinnon, G.C. *see* Ladd, M.E. 7995
McKinnon, G.C. *see* Leung, D.A. 7970
McKinnon, G.H. *see* Tait, R.N. 13188
MacKinnon, N. *see* Matthews, D.G. 3798
Mackintosh, B.H. *see* Kardauskas, M.J. 39087
McKittrick, J. *see* Hirata, G.A. 55166
McKittrick, J. *see* Hirata, G.A. 55416
McKittrick, J. *see* Lopez, O.A. 55405
Macklin, J.J. *see* Harris, T.D. 2047
McKnight, B. *see* Harris, F. 1551
McKnight, D. *see* Mao, C.C. 33184
McKnight, D.J. FLC/VLSI as a smart pixel technology 33338
McKnight, D.J., Serati, S.A., Johnson, K.M. High-speed analogue spatial light modulator using the electroclinic effect in BDH 764E 33163
McKnight, D.J. *see* Kazlas, P.T. 33331
McKnight, D.J. *see* Lin, W. 33135
McKnight, D.J. *see* Metz, J.L. 37729
McKnight, D.J. *see* O'Brien, D.C. 33153
McKnight, D.J. *see* Schuck, M.H. 33147
McKone, T.E. Alternative modeling approaches for contaminant fate in soils: uncertainty, variability, and reliability 50217
Mackowski, J.-M. *see* Blair, D.G. 33204
Mackowski, M.J., Martin, D.K. An energy balance simulation tool for TOMS-EP 18690
McKusick, M.K., Bostie, K., Karels, M.J., Quarterman, J.S. Back to basics: the Network Filesystem (NFS) 6053
Mackworth, A.K. Quick and clean: constraint-based vision for situated robots 57323
McLachlan, B.G. *see* Bell, J.H. 27975
McLagan, N.S. *see* Cheung, E.S.H. 16935
McLain, D. *see* Jensen, S.M. 28613
McLain, P.D. *see* Milburn, H.B. 50205
McLane, G.F. *see* Chao, L.-L. 42178
McLane, G.F. *see* Flemish, J.R. 22586
McLane, G.F. *see* Pearton, S.J. 12780
McLane, G.F. *see* Pearton, S.J. 22591
McLane, G.F. *see* Pearton, S.J. 32221
McLane, P.J. *see* Ahmed, W.K.M. 6537
McLane, P.J. *see* Ahmed, W.K.M. 45152
McLane, P.J. *see* Ahmed, W.K.M. 47777
McLane, P.J. *see* Chang, C.-Y.S. 26611
McLane, P.J. *see* Leung, G. 6677
McLane, P.J. *see* Sunay, M.O. 6540
McLaren, P.G., Dirks, E.N., Jayasinghe, R.P., Fernando, I., Swift, G.W., Zhang, Z. An accurate

software model for off-line assessment of a digital relay 19387
McLaren, P.G., Fernando, I., Liu, H., Dirks, E., Swift, G.W., Steele, C. Enhanced double circuit line protection 19389
McLaren, P.G. *see* Kuffel, R. 19053
McLaren, P.G. *see* Mohaddes, M. 19856
McLaren, P.G. *see* Song, J. 19421
Mclaren, T., Zhang, W., Irwin, R., Morozova, N., Chen, C., Neff, J., Lee, Y.C. Assembly of VCSEL based smart pixel arrays 33330
McLaren, T. *see* Neff, J.A. 55472
McLaren, T.S., Sa Yoon Kang, Wenge Zhang, Teh-Hua Ju, Yung-Cheng Lee Thermosonic bonding of an optical transceiver based on an 8x8 vertical cavity surface emitting laser array 58394
MacLauchlan, R.A. *see* Corleto, C.R. 20658
McLauchlan, R.A. *see* Heenan, W.A. 20683
McLaughlin, A. *see* Rajapakse, J.C. 59408
McLaughlin, C.W., Jurichich, S., Wood, S.C., Saraswat, K.C. Effects of plant scale on AMLCD amortization costs 17616
McLaughlin, D. *see* McGuire, K. 32200
McLaughlin, D.J. *see* Raghavan, R.S. 4757
McLaughlin, D.J. *see* Twarog, E.M. 8494
McLaughlin, J. *see* Atlas, L. 34957
McLaughlin, J. *see* Maguire, P. 12732
McLaughlin, J. *see* Narayanan, S.B. 45781
McLaughlin, L. *see* Smith, A.M. 20618
McLaughlin, P. Structuring your business around secure open distributed service management systems 35620
McLaughlin, S. *see* Banbrook, M. 56579
McLaughlin, S. *see* Fackrell, J.W.A. 25051
McLaughlin, S. *see* Nailon, W.H. 8045
McLaughlin, S. *see* Stogioglou, A.G. 15199
McLaughlin, S.W. The construction of M-ary (d,∞) codes that achieve capacity and have the fewest number of encoder states 34602
McLaughlin, S.W., Khayrallah, A.S. Shaping codes constructed from cost-constrained graphs 34601
McLaughlin, T., Cookson, J., Rasmussen, L. A test of MPEG using time-inverted spoken audio 15018
Maclay, G.J., Keyvani, D., Lee, S.B. Microfabricated amperometric electrochemical sensors for gas detection 27745
Maclay, G.J. *see* Keyvani, D. 27740
Maclay, G.J. *see* Neuzil, P. 23045
Maclay, G.J. *see* Serry, F.M. 27517
McLean, A.B. *see* Mitchell, C.E.J. 2384
McLean, C.J. *see* McKee, A. 12507
McLean, C.J. *see* Marsh, J.H. 3450
McLean, D. *see* Osberger, W. 57010
McLean, D.G., Fleitz, P.A., Sutherland, R.L. New aspects on the interpretation of z-scan data 24220
McLean, E.A. *see* Lehecka, T. 23734
McLean, G.F. *see* Prescott, B. 35272
McLean, G.F. *see* Varderkooy, G.E. 57239
MacLean, J. *see* Ma, O. 28542
McLean, J.A. Older oil filled electrical switchgear: past, present and future 51393
MacLean, J.K.L. Considerations in the design of small motors for automotive applications 29859
McLean, R.S. *see* Carcia, P.F. 32869
McLean, W., Prossdorf, S.B. Boundary element collocation methods using splines with multiple knots 573
McLean, W., II *see* Warner, B.E. 172
McLees, R. *see* Buus, H. 59896
McLeish, T. *see* Crosby, B.J. 977
McLellan, J.F. *see* Yang Gao 16653
McLellan, J.F. *see* Yang Gao 17004
McLenaghan, A.J. Impact of advanced surface mount packages on SMT manufacturing process 20942
McLenaghan, A.J., Huang, C.-Y. Integration of flip chip assembly with surface mount technology 20898
McLenaghan, J. *see* Heitmann, R. 22048
McLenithan, K.D. *see* Bowers, R.L. 9367
Macleod, A. Thin films cover much more than optics 3536
Macleod, J. *see* Phin, L.C. 18325
Macleod, M.D. *see* Dempster, A.G. 31379
McLeod, M.J. *see* Baxter, G.M. 7895
McLeod, R. *see* Blair, S. 3983
McLeod, R. *see* Kwok, A. 16028
McLeod, R.D., Rosendahl, G.K. Rapid prototyping and microelectronic system design 1071
McLeod, R.D. *see* Ng, K.W. 16202
Mcleod, R.D. *see* Rosendahl, G.K. 41377
McLeod, R.R., Kuang-Yi Wu, Wagner, K., Weverka, R.T. Acousto-optic photonic crossbar switch. Part I: design 16510
MacLeod, R.S., Taccardi, B., Lux, R.L. Electrocardiographic mapping in a realistic torso tank preparation 59726
MacLeod, R.S.. *see* Ahmad, G.F. 59670
MacLeod, R.S. *see* Brooks, D.H. 28344
MacLeod, R.S. *see* Brooks, D.H. 28363
MacLeod, R.S. *see* Brooks, D.H. 59725
MacLeod, R.S. *see* Klepfer, R.N. 59681
MacLeod Ross, W., Leonida, G. General principles of design and layout (of printed board assemblies) 11856
MacLeod Ross, W., Leonida, G. General principles of design and layout (of printed board assemblies) 53750
McLernon, D. *see* Lakkis, I. 1553
McLevige, W.V. *see* Bubulac, L.O. 2099
McLevige, W.V. *see* Motamedi, M.E. 58848
McLyman, W.T. *see* Vorperian, V. 31080
McMacken, J.R. *see* Vuong, H.-H. 43070
McMackin, L. *see* Matson, C.L. 37660
McMackin, L. *see* Pierson, R.E. 25265
McMahan, L. *see* Lee, R. 41244
McMahon, B. *see* Kurtz, S.R. 38974
McMahon, J. *see* O'Boyle, P. 14889
McMahon, M.I., Nelmes, R.J. New structural systematics in the II-VI, III-V, and group-IV semiconductors at high pressure 22207
McMahon, O.B. *see* McIntosh, A. 14710
McMahon, P.J. *see* Young, I.R. 50089
McMahon, R. *see* Li, J.K.-J. 59427
McMahon, R.A. *see* Leedham, R.J. 40906
McMahon, R.A. *see* Rajamani, H.S. 51736
McMahon, R.A. *see* Rajamani, H.S. 61352
McMahon, R.A. *see* Tan, L.S. 9329
McMahon, T.J., Basso, T.S., Rummel, S.R. Cell shunt resistance and photovoltaic module performance 39173
McMahon, W.E. *see* Friedman, D.J. 38982
McMakin, D.L. *see* Sheen, D.M. 50248
McManus, A. *see* Murphy, C.T. 49262
McManus, J. *see* Romig, T. 12686
McManus, M.A. Internet-based telephony: will it change the way your company does business? 46977
McMarr, P.J. *see* Anc, M.J. 12595
McMarr, P.J. *see* Brady, F.T. 22844
McMarr, P.J. *see* Campbell, P.M. 12773
McMarr, P.J. *see* Lawrence, R.K. 12593
McMarr, P.J. *see* Lawrence, R.K. 22475
McMarr, P.J. *see* Snow, E.S. 54387
MacMaster, L., Wardwell, W. Wireless fixture technology [PCBs] 53756
McMaster, L. *see* Allison, W.W.M. 37269
McMenamin, D. When a facility becomes flooded–a case study [telephone power supplies] 51314
McMichael, D.W. Data fusion for vehicle-borne mine detection 8619
McMichael, D.W., Okello, N.N. Maximum likelihood registration of dissimilar sensors 25232
McMichael, D.W. *see* Karan, M. 25241
McMichael, G. *see* Stipp, V. 37014
McMichael, G.E., Yule, T.J. Argonne CW linac (ACWL)–legacy from SDI and opportunities for the future 7706
McMichael, G.E. *see* Spence, D. 37200
McMichael, I., Chang, T.Y. Self-oscillation and self-pumped phase conjugation in Cr:$YAlO_3$ 33452
McMichael, I. *see* Chiou, A. 23454
McMichael, I. *see* Hong, J. 4120
McMichael, I. *see* Hong, J. 55177
McMillan, L.D. *see* Solayappan, N. 52826
McMillan, A. *see* Bartkowiak, M. 2740
MacMillan, C.C. *see* Peters, H.E. 17186
McMillan, D., Rumsewicz, U. Analysis of congestion control for SCCP traffic and the impact on intelligent network services 26282
MacMillan, D.S., Ma, C. Atmospheric gradients and the VLBI terrestrial and celestial reference frames 45147
McMillan, L.A. *see* Young, J.A. 60148
McMillan, R. *see* Currie, N. 56648
MacMillan, R.T. Improving the safety-of-flight certification process: helmet/HMD dynamics during aircraft ejection 18601
McMillan, R.W., Bohlander, R.A., Baldygo, W.J., Jr. Millimeter-wave atmospheric turbulence measurements: instrumentation, selected results, and system effects 50044
McMillan, R.W. *see* Currie, N.C. 18978
McMillan, W. *see* Dry, C. 40716
McMillen, D.K. *see* Chun-Te Li 46117
McMillian, G., Hallidy, W., Hood, M., Phan, G., Tan Chu, Kim Lau, Lawrence, M., Tnrailkill, B., Phan, J., Lee, A., Musgrove, C., Sanders, M., Morgan, A., Schmidt, G., Zreet, G. A 500 MHz GaAs digital RF memory modulator IC 31309
McMillin, B.K., Zachariah, M.R. Two-dimensional imaging of CF_2 density by laser-induced fluorescence in CF_4 etching plasmas in the Gaseous Electronics Conference reference cell 32216
McMorrow, D., Curtice, W.R., Buchner, S., Knudson, A.R., Melinger, J.S., Campbell, A.B. Charge-collection characteristics of GaAs MESFETs fabricated with a low-temperature grown GaAs buffer layer: computer simulation 22888
McMorrow, D. *see* Buchner, S. 23012
McMorrow, D. *see* Reed, R.A. 22748
McMorrow, D. *see* Weatherford, T.R. 43339
McMullan, D. *see* Brown, P.D. 31726
McMullan, J.T. *see* Zervas, T. 39449
McMullen, M. *see* Chadalavada, V. 50361
McMullin, J.N. *see* Boertjes, D.W. 13663
McMullin, J.N. *see* Krishnaswamy, M. 949
McMullin, J.N. *see* Krishnaswamy, M. 13639
McMullin, J.N. *see* Krishnaswamy, M. 44416
McMullin, J.N. *see* Rajkumar, N. 3647
McMurchie, L. *see* McKenzie, N.R. 30043
McMurdie, N.D. *see* Kahle, C.F., II. 1799
McMurdo, J. *see* Barker, P.S. 27743
McMurran, J. *see* Kouvetakis, J. 21256
McMurray, L.J. Tests and results of active alignment fiber optic connectors for space usage 43958
McMurray, N. *see* Watson, J. 17586
McMurray, R.E., Jr. *see* Farhoomand, J. 33261
McMurtrey, J.E. *see* Corp, L.A. 8547
McNab, A. Better reliability through improved NDT 31010
McNab, A. *see* Dunlop, I. 52901
McNab, A. *see* Philp, W.R. 11008
McNab, A. *see* Pierce, S.G. 11020
McNab, A. *see* Pierce, S.G. 31028
McNab, I.R. Pulsed power for electric guns 33881
McNab, I.R. Homopolar generators for electric guns 33882
McNabb, D. *see* Kamwa, I. 8846
McNabb, S. *see* Braun, J.-M. 19337
McNair, A. *see* Waibel, A. 14945
McNair, F. *see* Bush, J. 48617
McNally, B.D. *see* Cohen, C.E. 60003
McNally, P.J. *see* Bajdechi, O. 42966
McNally, P.J. *see* Islam, M.S. 2223
McNally, P.J. *see* Islam, M.S. 2225
McNally, P.J. *see* Islam, M.S. 42249
McNally, P.J. *see* Islam, M.S. 42271
McNally, P.J. *see* Islam, M.S. 54270
McNamara, B. IHAVS NITE Hawk SC targeting FLIR system 18632
McNamara, S.J. *see* Tyminski, J.K. 32331
McNamara, W.G., Stanley, P., Nichols, J. RTPS telemetry–simulator link at Naval Air Warfare Center 8635
McNamer, M.G., Nagle, H.T. ITA: an algorithm for I_{DDQ} testability analysis 1045
McNaughton, G.A. *see* McNaughton, W.P. 19207
McNaughton, T.G., Horch, K.W. Metallized polymer fibers as leadwires and intrafascicular microelectrodes 49595
McNaughton, W.P., Richman, R.H., McNaughton, G.A. Potential applications of smart materials and structures in the electric power industry 19207
McNeal, D. *see* Landsberger, S. 37875
McNeeley, S.W. *see* Sen, A. 37917
McNeil, A. *see* Watwe, A.A. 284
McNeil, B. *see* Bisdikian, C. 26113
McNeil, B.W.J., Robb, G.R.M. Bunching from a pulse of particles obeying Poisson statistics 44592
McNeil, J.R. *see* Raymond, C.J. 42847
McNeil, V. *see* Amerasekera, A. 43303
McNeil, V. *see* Vasanth, K. 43029
McNeil, V.M. *see* Thakar, G.V. 2812
McNeill, D.K. *see* Card, H.C. 11635
McNeill, M.D.J., White, M., Lister, P.F. Graphics codesign for multimedia systems 40779
McNeill, S. *see* Pairman, D. 8330
McNeill, S.R., Sutton, M.A., Miao, Z., Ma, J. Measurement of surface profile using digital image correlation 48872
McNeilly, K., Schlag, S. Effect of lubricant solvent system on the rheological properties of silver filled polymers 10159
McNelly, T.F. *see* Hayden, J.D. 53276
McNerney, A. *see* Alessi, J.G. 49196
McNevin, S.C., Guinn, K.V., Taylor, J.A. Chemical challenge of submicron oxide etching 42580
Mcnie, M.E. *see* Ward, M.C.L. 27545
McNutt, D., Radice, J.J. Using req for problem tracking 26074
Macomber, S.A. *see* Woodcock, C.E. 50030
Macomber, S.H., Mott, J.S., Schwartz, B.D., Setzko, R.S., Logue, J.E. Curved-grating, surface-emitting distributed feedback lasers 55727
Macon, M.W., Clements, M.A. Speech concatenation and synthesis using an overlap-add sinusoidal model 14936
Macovei, C. *see* Ioan, C. 7267
Macoviciuc, M., Chiriac, H., Moldovanu, A. Spectral analyses used for fluxgate sensors with a computer aided measurement system 17298
Macovski, A. Noise in MRI 7963
Macovski, A. *see* Morgan, P. 7984
McParland, B.J., Gorka, W., Lee, R., Lewall, D.B., Omojola, M.F. Radiology in the neonatal intensive care unit: dose reduction and image quality 7974
McParland, C. *see* Betts, W. 59222
McPhaden, M.J. *see* Soreide, N.N. 50114
MacPhee, A.G., Lewis, C.L.S., Warwick, P.J., Weaver, I., Jaegle, P., Carillon, A., Jamelot, G., Klisnick, A., Rus, B., Zeitoun, Ph., Nantel, M., Goedkindt, P., Sebban, S., Tallents, G.J., Demir, A., Holden, M., Krishnan, J. The influence of prepulse level on the 3p-3s XUV laser output from Ne-like ions of Zn, Cu and Ni 13967
MacPhee, A.G. *see* Behjat, A. 23738
McPhee, A.J., MacGregor, S.J., Tidmarsh, J.R. The repetitive breakdown and flashover properties of solid dielectric materials under DC and pulsed conditions 43559
McPhee, A.J., Tidmarsh, J.R., MacGregor, S.J. Solid dielectric material considerations in the design of repetitive pulsed power transmission line systems 50595
McPherson, D.A. Simulation of altitude return clutter 50275
McPherson, D.D. *see* Brathwaite, P.A. 28301
McPherson, D.D. *see* Frank, R.J. 28303
McPherson, D.D. *see* Wiet, S.P. 28150
McPherson, K., Banerjee, P. Integrating task and data parallelism in an irregular application: a case study 11081
MacPherson, N.C. Global marketing 20748
McPherson, P. *see* Hartzell, A. 42491
McPherson, W.P., Hill, D.A., Wight, J.S. Chip rate hopping reduces the detectability of direct sequence spread spectrum signals 47566

MacPhie, R.H., Hui, K. The impedance of a thin wire transmission line-dipole system with sinusoidal surface currents 34288
Macphie, R.H. *see* Do-Nhat, T. 24568
MacPhie, R.H. *see* Ke-Li Wu 24540
MacPhie, R.H. *see* Shen, Z.-X. 14720
MacPhie, R.H. *see* Shen, Z.-X. 56086
MacPhie, R.H. *see* Zhongxiang Shen 4354
MacPhie, R.H. *see* Zhongxiang Shen 34246
Macq, B. *see* Goffin, F. 57344
Macq, B. *see* Matavelli, M. 25420
Macq, B. *see* Piscaglia, P. 56727
Macq, B. *see* Piscaglia, P. 57022
Macq, B. *see* Quisquater, J.-J. 58588
Macq, B. *see* Simon, B. 56777
Macq, B. *see* Thiran, J.-P. 59509
Macq, B. *see* Thiran, J.-P. 59514
McQuaid, J.H. *see* Lavietes, A.D. 37345
McQuater, R.E. *see* Wilcox, M. 342
McQueen, H.J. *see* Shimansky, D. 10935
McQueen, I. New 16-bit microcontroller from the Far East 21744
McQueen, J. Forecasting and numbering 57696
Macqueen, J.F. *see* Lo, K.L. 60197
McQuilton, D., Dunford, T. Aircraft and the EU new approach directives 37945
McQuilton, D. *see* Ganley, M.D. 31051
MacRae, J.D. *see* Kranbuehl, D. 11003
Macrae, J.H. Deterioration of thresholds associated with hearing aid use 49788
McReynolds, D.P., Lowe, D.G. Rigidity checking of 3D point correspondences under perspective projection 15953
Macri, G. *see* Staicut, E. 6246
Macri, J.R., Apotovsky, B.A., Butler, J.F., Cherry, M.L., Dann, B.K., Doty, F.P., Guzik, T.G., McConnell, M.L., Ryan, J.M. Large-area sub-millimeter resolution CdZnTe strip detector for astronomy 37355
Macri, M. *see* Allspach, D.H. 37193
Macri, P.P. *see* Yermakov, A.Y. 52831
McRobbie, D.W. The absolute signal-to-noise ratio in MRI acceptance testing 18222
McRoberts, A.M. *see* Miller, L.S. 36963
McRory, J.G., Johnston, R.H. Self-bias for Class B bipolar transistors 11197
McRory, J.G. *see* Johnston, R.H. 34227
McShane, B. *see* Randell, C. 38101
MacShane, D.A. *see* Vogt, M.C. 36732
McShane, K.A. On the superlinear convergence of an $O(n^3L)$ interior-point algorithm for the monotone LCP 10413
McShane, T.S. *see* Betts, W. 59222
McShane, W., Shaw, L. Lessons learned on the way to implementing project-based courses by distance learning 20594
McSharry, J., Hamer, P., Morrison, D., Nessa, J., Rigsby, J. Design, fabrication, and back-to-back test of 14200 HP, two-pole cylindrical-rotor synchronous motor for ASD application 51647
McSpadden, J.O., Little, F.E., Duke, M.B., Ignatiev, A. An in-space wireless energy transmission experiment 18674
McStay, D. *see* Milne, R.G. 50212
McSweeney, B. *see* Lippens, P. 5022
MacSweeney, D., McCarthy, K., Mathewson, A., Mason, B. Modelling of lateral bipolar devices in a CMOS process 23019
McSweeney, S. *see* Moy, J.P. 7840
McSweeney, S.M. *see* Kinder, S.H. 48385
McTaggart, R.A. *see* Hur, K.Y. 32443
McTague, D. Embedded generation: ESB distribution network considerations 28973
Macucci, M. *see* Iannaccone, G. 42925
Macukow, B. *see* Mandziuk, J. 3557
Macukow, B. *see* Sygnowski, W. 46116
Maculan, N., Minoux, M., Plateau, G. A O(n) algorithm for projecting a vector on the intersection of a hyperplane and R_+^n 52392
McVay, B. *see* Eberle, T. 31165
McVay, W.P. The GMP & ISO9001 new product planning process 37586
McVeigh, E.R. *see* Guttman, R.L. 28084
McVeigh, E.R. *see* Rehwald, W.G. 28272
McVeigh, J.S., Siegel, M.W., Jordan, A.G. Intermediate view synthesis considering occluded and ambiguously referenced image regions 5500
McVey, J.B. *see* Fitzpatrick, G.O. 20070
McVitie, J.P. *see* Ma, S. 42611
McVitie, S. *see* Valera, M.S. 3255
McVittie, J.P. *see* Friedmann, J.B. 32078
McVittie, J.P. *see* Kinoshita, T. 2362
McVittie, J.P. *see* Kinoshita, T. 54466
McVittie, J.P. *see* Ma, S. 54309
McVittie, J.P. *see* Ze-Kai Hsiau 12741
McWhirter, J.G. *see* Harteneck, M. 15380
McWhorter, P.J. *see* Hughes, K.L. 48711
McWilliam, C.J., Allan, M., Kemp, I.J. Reconfiguration strategies for the brushless DC motor under failure 60806
McWilliams, G.B. *see* Johnson, A. 9029
MacWilliams, K.P. *see* Song, M. 22857
Maczka, D. *see* Latuszynski, A. 28005
Madabhushi, R. *see* Cannon, J.A. 13459
Madabhushi, R. *see* Gomez, R.D. 3214
Madadi, H. *see* Ahrabian, Q. 20103
Madamopoulos, N., Riza, N.A. Switched three dimensional photonic delay line using directly modulated semiconductor lasers for microwave radar processing 27004
Madamopoulos, N. *see* Riza, N.A. 4405
Madamopoulos, N. *see* Riza, N.A. 43977
Madamopoulos, N. *see* Riza, N.A. 45425
Madan, S., Bollinger, K.E. Artificial intelligence assisted voltage stability enhancement 19125
Madan, S., Bollinger, K.E., Banerjee, S.K. Microprocessor based HVDC converter protection 19283
Madan, S.K. *see* Thakar, G.V. 2812
Madangarli, V. *see* Tin, C.C. 54304
Madani, K. Technical issues of future personal communication systems 26625
Madani, M.M., Kodnani, R.R., Granata, R.D. Electrochemical impedance spectroscopic study of encapsulated triple tracks test (TTT) circuits 54732
Madani, O. *see* Etzioni, O. 6195
Madanshetty, S.I. A novel method for sub-micron particle detection in clean liquids 38141
Madar, R. *see* Bourhila, N. 40646
Madar, R. *see* Pons, M. 10630
Madar, R. *see* Torres, J. 12805
Maddalena, P. *see* Di Francia, G. 41817
Madden, C.B., Mills, R.F. Effects of a transform domain filter upon error rates and detectability of a spread spectrum signal 58101
Madden, C.J., Snook, D.R., Van Tuyl, R.L., Le, M.V., Nguyen, L.D. A novel 75 GHz InP HEMT dynamic divider 31531
Madden, J.M. *see* Simmons, J.P., Jr. 26525
Madden, J.P. *see* Brancart, C.P. 50286
Madden, L. *see* Montanaro, J. 1446
Madden, N.W. *see* Pehl, R.H. 18098
Madden, P.H. *see* Cong, J. 43171
Madden, S. *see* Moss, D.J. 55263
Maddison, B.J. *see* Turcu, I.C.E. 42883
Maddock, J.L.J. *see* Anderson, L.E. 38257
Maddocks, A.J. The European immunity standards 45223
Maddocks, I. *see* Dickinson, G.J. 173
Maddocks, J.D. *see* Cole, B.L. 8179
Maddox, P. Single chip digital signal processor for analogue signals 53332
Maddox, P.R. Whispers generic control processor (GCP)–a unique ASIC solution to analogue filtering using digital techniques 31417
Madec, P. *see* de Courville, M. 5769
Madeira, E.R.M. *see* de Paula Lima, L.A., Jr. 6159
Madej, A.A., Siemsen, K.J., Whitford, B.G., Bernard, J.E., Marmet, L. Precision absolute frequency measurements with single atoms of Ba^+ and Sr^+ 48310
Madej, A.A. *see* Marmet, L. 27342
Madej, A.A. *see* Whitford, B.G. 48805
Madel, O., Schlager, H.G., Loehneysen, H.v. Scaling behavior of the Hall coefficient of Si:P at the metal-insulator transition 54048
Madella, P. *see* Binaghi, E. 50012
Mader, G., Uhlmann, F.H. A parallel implementation of a 3D-BEM-algorithm using distributed memory algorithms 44885
Mader, G. *see* Noetzel, J. 13168
Mader, L. *see* Pforr, R. 2464
Mader, M. *see* Pitschke, W. 31881
Madert, M., Cee, R., Grieser, M., von Hahn, R., Kleffner, C.-M., Papureanu, S., Podlech, H., Repnow, R., Schwalm, D., Schempp, A., Habs, D. Status of the high current injector project 49186
Madescu, G., Boldea, I., Miller, T.J.E. An analytical iterative model (AIM) for induction motor design 29328
Madescu, G., Boldea, I., Miller, T.J.E. The optimal lamination approach (OLA) to induction machine design global optimization 29329
Madey, J.M.J. *see* Burnham, B. 18002
Madhavan, B., Sano, B., Levi, A.F.J. A novel high speed low skew clock distribution scheme in 0.8 micron CMOS 2829
Madhavan, B. *see* Sano, B. 16668
Madhavan, P.G., Williams, W.J. Kalman filtering and time-frequency distribution of random signals 24889
Madhavan, P.G. *see* Hollinberger, D.E. 28642
Madhavan, P.G. *see* Kassebaum, J.A. 18434
Madhavi, S., Venkataraman, V., Liu, C.W., Sturm, J.C. High field drift velocity of 2DEG in Si/SiGe heterostructures as determined by magnetoresistance techniques 2723
Madhow, U. Signal processing for interference suppression in direct-sequence CDMA systems 16535
Madhow, U. Blind adaptive interference suppression for the near-far resistant acquisition and demodulation of direct-sequence CDMA signals 25892
Madhow, U. Blind adaptive interference suppression for acquisition and demodulation of direct-sequence CDMA signals 34874
Madhow, U. *see* Linhai He 47530
Madhukar, A. *see* Ramachandran, T.R. 30800
Madhukar, A. *see* Rich, D.H. 31976
Madhumathi, S., Krishnamurthy, E., Manonmani, T., Anbuselvan, T., Aravindan, R.J.G., Babu, A.K. Magnetic resonance angiography 18295
Madhumathi, S. *see* Ambuselvan, T. 18480
Madhusudhan, B., Reddy, S.N., Murthy, K.V.R.S., Anjaneyulu, T.S.R. Coal gasification–a new route for coal based power generation in India 9109
Madhusudhan, B. *see* Krishnudu, T. 9107
Madhwapathy, S. *see* Danda, S. 1063
Madi, N.K. Amorphization of As-implanted GaAs 12684
Madiba, C.C.P. *see* Smallman, C.G. 12649
Madihian, M., Bak, E., Yoshida, H., Hirabayashi, H., Imai, K., Kinoshita, Y., Yamazaki, T., Desclos, L. A 2-V, 1-10 GHz BiCMOS transceiver chip for multimode wireless communications networks 41509
Madihian, M., Imai, K., Yoshida, H., Kinoshita, Y., Yamazaki, T. L-C-band low-voltage BiCMOS MMICs for dual-mode cellular-LAN applications 11722
Madihian, M. *see* Ohsawa, T. 6115
Madihian, M. *see* Ohsawa, T. 57873
Madisetti, V. *see* Egolf, T. 31055
Madisetti, V.K. *see* Calhoun, J.S. 40776
Madisetti, V.K. *see* Debardelaben, J.A. 11463
Madisetti, V.K. *see* Famorzadeh, S. 11495
Madisetti, V.K. *see* Hezar, R. 34742
Madisetti, V.K. *see* Klausutis, T.J. 56626
Madisetti, V.K. *see* Marenco, A.L. 8305
Madisetti, V.K. *see* Romdhane, M.S.B. 11493
Madison, C. Where is the market for video CD? 7098
Madjar, A. A novel general approach for the optimum design of microwave and millimeter wave subharmonic mixers 11688
Madjarov, N., Mihaylova, L. Kalman filter sensitivity with respect to parametric noises uncertainty 15219
Madkour, M.A. *see* Moustafa, Y.G. 19297
Madkour, M.F. *see* El-Khamy, S.E. 58176
Madlena, M., Gair, S., Canova, A., Profumo, F. Torque control of a BDC axial field drive motor with open and closed slot configuration 9685
Madlung, J., Firjahn-Andersch, A., Schempp, A., Zimmermann, H. A novel design for ion beam funneling by the use of a two-beam RFQ and a multigap-deflector 37103
Madlung, J., Schempp, A., Firjahn-Andersch, A. A novel design for heavy ion beam funnelling 59134
Madlung, J. *see* Firjahn-Andersch, A. 59133
Madlung, J. *see* Schempp, A. 37099
Madoc-Jones, H. *see* Harling, O.K. 8123
Madon, D. *see* Mange, D. 1288
Madonna, G. *see* Bertolucci, E. 37628
Madou, M. Si micromachining: the newest precision engineering tool 43375
Madou, M.J. *see* Somps, C.J. 27705
Madouri, A. *see* Crowell, P.A. 7291
Madras, N., Randall, D. Factoring graphs to bound mixing rates 419
Madrazo, A., Nieto-Vesperinas, M. Model near field calculations for optical data storage readout 23447
Madsen, B. *see* von Weber, H. 50422
Madsen, C.B. A comparative study of the robustness of two pose estimation techniques 46329
Madsen, C.B., Christensen, H.I. Modelling and testing the stability of edge segments: length and orientation 15713
Madsen, C.K., Zhao, J.H. Planar waveguide AR lattice filters: advantages and challenges 33064
Madsen, C.K., Zhao, J.H. Postfabrication optimization of an autoregressive planar waveguide lattice filter 33212
Madsen, J. *see* Harris, J. 25935
Madsen, J.K. *see* Nielsen, J.V. 6409
Madsen, K., Andersson, D., Lisak, M., Lundgren, L., Semenov, V. Theoretical and experimental investigation of leakage power in microwave transmit-receive switches 1754
Madsen, K. *see* Wasniewski, J. *(editor)* 20380
Madsen, S. *see* Birkelund, K. 32325
Madsen, S. *see* Mullenborn, M. 2389
Madsen, S.N., Skou, N., Granholm, J., Woelders, K., Christensen, E.L. A system for airborne SAR interferometry 27017
Madsen, S.N. *see* Krogager, E. 27014
Madsen, S.N. *see* Treuhaft, R.N. 18812
Madsen, S.Norvang *see* Norvang Madsen, S.
Madura, D.D. *see* Green, M.A. 49358
Madureira, M. The challenge of Brazilian IN national platform 26289
Madureira, R.C. *see* Carvalho, N.B. 1197
Madych, W.R. *see* Koltracht, L. 5234
Mae, W. *see* Asano, M. 51346
Mae, Y., Shirai, Y., Miura, J., Kuno, Y. Object tracking in cluttered background based on optical flow and edges 5070
Maeba, H. *see* Yasuda, K. 706
Maebara, S., Kasugai, A., Sakamoto, K., Tsuneoka, M., Imai, T. Characteristics of a superconducting magnet using a persistent current for a 110 GHz gyrotron 13518
Maebara, S. *see* Seki, M. 11644
Maeda, A., Sugiura, A., Kuwabara, N., Usuda, S. Site attenuation measurements using shortened dipole antennas 14723
Maeda, A., Wakimoto, K., Nagahisa, H. A method of line drawing recognition based on a line intersection model 15469
Maeda, A. *see* Nishida, Y. 38819
Maeda, A. *see* Ohnuki, T. 29408
Maeda, A. *see* Ohtsuji, E. 38874
Maeda, E., Komatsu, M. The thermoelectric performance of silicon carbide semiconductor made from rice hull 42019

Maeda, F., Watanabe, Y., Oshima, M. Real-time observation of alternating growth on GaSb(001) using core-level photoelectron spectroscopy 52696
Maeda, F. *see* Yamamoto, K. 43907
Maeda, H., Harada, K., Ishihara, Y., Todaka, T. Performance of the magnetostriction of a silicon steel sheet with a bias field 32805
Maeda, H. *see* Fujino, T. 22740
Maeda, H. *see* Kitano, T. 40765
Maeda, H. *see* Mitsuda, K. 9676
Maeda, H. *see* Shiozawa, K. 32101
Maeda, H. *see* Takeuchi, T. 55104
Maeda, J., Anh, V.V., Ishizaka, T., Suzuki, Y. Integration of local fractal dimension and boundary edge in segmenting natural images 56998
Maeda, J., Kikuchi, K. Squeezing characteristics analysis of a fundamental-confined second-harmonic generation system by means of a self-consistent method 55841
Maeda, J., Sasaki, Y., Dietz, N., Shibahara, K., Yokoyama, S., Miyazaki, S., Hirose, M. High-rate GaAs epitaxial lift-off technique for optoelectronic integrated circuits 55475
Maeda, J. *see* Matsuzono, T. 58407
Maeda, K., Hashi, M., Kikkawa, H., Kobayashi, S. An optoelectronic system for computing weight modification of perceptron learning using FLC cells 33186
Maeda, K., Umezu, I., Ishizuka, H. Defect formation during deposition of undoped a-Si:H by RF glow discharge 40634
Maeda, K. *see* Fujito, K. 17075
Maeda, K. *see* Fuse, M. 27169
Maeda, K. *see* Harihara, S. 27182
Maeda, K. *see* Kitamura, T. 33388
Maeda, K. *see* Ushioda, J. 32252
Maeda, M., Kumamaru, K., Zha, H.-B., Inoue, K. Estimation of surface curvatures by means of surface fitting adapted to shape changes and its application to image segmentation 46173
Maeda, M., Miyajima, H., Murashima, S. A self-deleting neural network for vector quantization 56300
Maeda, M., Takao, T., Oki, Y., Igarashi, K., Kusama, H. Effect of excitation wavelengths in pulsed dye lasers 33395
Maeda, M. *see* Hatano, H. 16642
Maeda, M. *see* Igasaki, Y. 913
Maeda, M. *see* Izawa, T. 3774
Maeda, M. *see* Koiwa, I. 2913
Maeda, M. *see* Maenaka, K. 17259
Maeda, M. *see* Morimoto, S. 41474
Maeda, M. *see* Nilesh J. Vasa 55560
Maeda, M. *see* Okada, T. 10863
Maeda, M. *see* Okada, T. 14279
Maeda, M. *see* Ono, S. 52746
Maeda, M. *see* Sugino, T. 10770
Maeda, N., Ito, H., Enoki, T., Ishii, Y. Dependence on channel potential structures of IV characteristics in InAlAs/InGaAs pseudomorphic high electron mobility transistors 32440
Maeda, N., Okimura, K., Shibata, A., Tsuchida, K., Saji, E. Impurities in SiO_2 films deposited by plasma enhanced chemical vapor deposition using tetraethoxysilane 40658
Maeda, N., Otaka, M., Shimizu, S. Development of an advanced SQUID system for nondestructive evaluation of material degradation in power plants 52878
Maeda, R. *see* Chengkuo Lee 43408
Maeda, R. *see* Sugiyama, S. 23072
Maeda, R. *see* Takagi, H. 32108
Maeda, S., Kubota, H., Makihira, H. Optimum threshold generation for automated visual inspection of large-scale integration wafer patterns 20968
Maeda, S., Tohyama, O., Ito, H. Micro actuators with shape memory alloy (SMA) coil springs and their application to active fiberscopes 43361
Maeda, S., Yamaguchi, Y., Kim, I.-J., Iwamatsu, T., Ipposhi, T., Miyamoto, S., Maegawa, S., Ueda, K., Nii, K., Mashiko, K., Inoue, Y., Miyoshi, H. Suppression of delay time instability on frequency using field shield isolation technology for deep sub-micron SOI circuits 41066
Maeda, S. *see* Dey, S. 34408
Maeda, S. *see* Kuriyama, H. 41162
Maeda, S. *see* Makie-Fukuda, K. 31411
Maeda, S. *see* Takiya, T. 27991
Maeda, S. *see* Yamaguchi, Y. 22821
Maeda, T. High-density recording mechanism of magnetooptical disks 44116
Maeda, T., Haga, K., Maeda, T. Creepage breakdown characteristics of printed wiring board in silicone gel 41577
Maeda, T., Muneyasu, M., Hinamoto, T. An adaptive weighted median filter using counter propagation networks 35045
Maeda, T., Numata, K., Ohno, Y., Hida, H., Tokushima, M., Fukaishi, M., Ishikawa, M., Fujii, M. A technique for compensating for temperature variation in low-supply-voltage GaAs DCFL circuits 2842
Maeda, T. *see* Hironishi, K. 16735
Maeda, T. *see* Koinuma, H. 10787
Maeda, T. *see* Maeda, T. 41577
Maeda, T. *see* Matsuno, N. 32563
Maeda, T. *see* Miyamoto, H. 3183
Maeda, T. *see* Miyamoto, K. 43278
Maeda, T. *see* Muneyasu, M. 46240
Maeda, T. *see* Nakamura, J. 41544
Maeda, T. *see* Ogawa, I. 20214
Maeda, T. *see* Otaka, S. 26603
Maeda, Y., Komatsu, Y., Hattori, M. Distribution characteristics of unwanted emission around a building 14641
Maeda, Y., Rogers, D.J., Ohsung Song, Takei, K., Ohkubo, T., Hirono, S., Suzuki, J., Mori, Y. Magnetic microstructures produced by compositional separation in Co-Cr based alloy thin films 32784
Maeda, Y., Sakakibara, T., Migitaka, M. Negative nonlinear absorption effect in erbium doped fibers 55812
Maeda, Y., Yotsumoto, Y., Kanata, Y. Selforganization of neural networks for clustering 52456
Maeda, Y. *see* Rogers, D.J. 23335
Maeda, Y. *see* Seung-Ho Ahn 10073
Maeda, Y. *see* Shimizu, H. 19679
Maeda, Y. *see* Toda, H. 55313
Maeder, A.J. *see* Osberger, W. 57010
Maegawa, S. *see* Iwamatsu, T. 53114
Maegawa, S. *see* Kuriyama, H. 41162
Maegawa, S. *see* Maeda, S. 41066
Maehara, M. *see* Sato, K. 39393
Maehara, Y. *see* Sun, H. 43620
Maehara, Y. *see* Tomida, T. 3095
Maehara, Y. *see* Uehara, M. 23292
Maehashi, K. *see* Takeuchi, M. 40450
Maehata, H., Inoue, T., Arai, H., Tsukahara, M., Tamakoshi, D. Development of plastic sorting technology using electrostatic method 55979
Maehata, K. *see* Kato, S. 49157
Maehata, K. *see* Kishimoto, M. 23420
Maehl, S. *see* Slebarski, A. 3158
Maehlum, G. *see* Becks, K.H. 59228
Maejima, H. *see* Shimazaki, Y. 21711
Maejima, T. *see* Yada, T. 32336
Maejima, T. *see* Yasuda, K. 706
Maejima, T. *see* Yasuda, K. 10767
Maejima, Y. *see* Hiro Nishimura, T. 49798
Maejima, Y. *see* Koike, H. 2999
Maejima, Y. *see* Nishimura, T.H. 49784
Maekawa, A. *see* Sugie, M. 18340
Maekawa, F. *see* Krasilnikov, A.V. 49352
Maekawa, H., Masui, T., Kamei, M., Miyamoto, N. Development and application in actual switching station of GIS partial discharge locating system 29468
Maekawa, H., Tanie, K., Komoriya, K. Tactile feedback for multifingered dynamic grasping 36452
Maekawa, H. *see* Awano, T. 50744
Maekawa, R., Smith, M.R., Van Sciver, S.W. Thermal hydraulic characteristics of a prototype CEA cable-in-conduit conductor [for Tokamaks] 32947
Maekawa, S., Kita, H., Nishikawa, Y. Self-organizing extraction of hierarchical information with use of synaptic competition for the presynaptic factor 57531
Maekawa, T. *see* Hamada, N. 45543
Maekawa, T. *see* Oohashi, T. 49593
Maekawa, Y., Nion Sock Chang, Miyazaki, A., Kojima, T. Increase and decrease in depolarization of Ka-band satellite beacon signal in thunderstorm events 34090
Maekawa, Y., Takai, M., Ito, T., Nisikawa, T., Kasahara, H. A coarse grain/near fine grain hierarchical parallel processing scheme of circuit simulation using static scheduling 11132
Maekawa, Y. *see* Hayashi, M. 31604
Maemoto, T. *see* Inoue, M. 42104
Maemura, K. *see* Matsumura, N. 52630
Maemura, K. *see* Yamamota, K. 16628
Maemura, K. *see* Yamamoto, K. 21944
Maemura, T. *see* Mimuro, T. 29866
Maenaka, K., Fujita, T., Konishi, Y., Maeda, M. Analysis of a highly sensitive silicon gyroscope with cantilever beam as vibrating mass 17259
Maenchen, E. *see* Mazarakis, M.G. 17897
Maenchen, J.E. *see* Mazarakis, M.G. 37078
Maenchen, J.E. *see* Mazarakis, M.G. 37152
Maeng, S. *see* Khil, A. 47343
Maeng, S.R. *see* Kyung, C.M. 41259
Maeng Seung Joo *see* Seung Joo Maeng
Maeng Seung Ryoul *see* Seung Ryoul Maeng
Maeno, H., Uratsuka, S., Okamoto, K., Watanabe, O. Subsurface survey of the Antarctic ice sheet using a mobile radio-echo sounder 60083
Maeno, H. *see* Murakuni, M. 59078
Maeno, T., Fukunaga, K. High-resolution PEA charge distribution measurement system 36853
Maeno, T., Fukunaga, K. Space charge accumulation in multilayer insulators 54974
Maeno, T. *see* Fukunaga, K. 19950
Maeno, T. *see* Itoh, K. 59055
Maeno, Y., Suemura, Y., Henmi, N. A novel interconnection network using semiconductor optical amplifier gate switches for shared memory multiprocessors 57915
Maeohmichi, H. *see* Unno, Y. 37395
Maeohmichi, M. *see* Ohsugi, T. 37385
Maeohmichi, M. *see* Ohsugi, T. 37392
Maerli, M.B. The Norwegian public's perception of risk from electromagnetic fields 18580
Maersereau, R.M. *see* Linares, I. 5167
Maertelaere, L.De *see* De Maertelaere, L.
Maes, F., Collignon, A., Vandermeulen, D., Marchal, G., Suetens, P. Multimodality image registration by maximization of mutual information 49546
Maes, H.E. *see* De Blauwe, J. 41148
Maes, H.E. *see* De Wolf, I. 42740
Maes, H.E. *see* De Wolf, I. 54298
Maes, H.E. *see* Degraeve, R. 43239
Maes, H.E. *see* Jain, S.C. 54142
Maes, H.E. *see* Montanari, D. 1373
Maes, H.E. *see* Pinardi, K. 22416
Maes, H.E. *see* Russ, C. 22832
Maes, J.W.H., Caro, J., Visser, C.C.G., Zijlstra, T., Van der Drift, E.W.J.M., Radelaar, S., Tichelaar, F.D., Fakkeldij, E.J.M. Novel post-etching treatment of small windows in oxide for selective epitaxial growth 42422
Maes, J.W.H., Lukey, S.W., Zijlstra, Y., Visser, C., Care, J., Van Der Drift, E.W.J.M., Tichelaar, F.D., Radelaar, S. Preparation of nanometer-scale windows in SiO_2 for selective epitaxial growth of Si based devices 40435
Maes, M.E., Steffey, J.R. License free spread spectrum and FSK wire industrial data communications 46861
Maestle, R., Plass, W., Chen, J., Hembd-Soellner, Chr., Giesen, A., Tiziani, H., Hugel, H. Investigation of beam pointing stability, far field divergence angle and power density distribution of a high power CO_2-laser 55782
Maestle, R. *see* Plass, W. 24060
Maestre, R.A., Garcia, J., Ferreira, C. Pattern recognition using sequential matched filtering of wavelet coefficients 15842
Maestre, V. *see* Castro, M. 9915
Maestri, R., Pinna, G.D., LaRovere, M.T., Mortara, A. Sequence versus phenylephrine assessment of the baroreflex gain in post-myocardial infarction patients 49390
Maestri, R. *see* Pinna, G.D. 49388
Maev, R.G., Levin, V.M., Maeva, E.Yu., Volkov, A.A., Kozlov, G.V., Goncharov, Yu.G., Gorshunov, B.P. Comparison between scanning acoustic microscopy and submillimeter spectroscopy. A new opportunity to investigate dielectric behavior and structure of materials 36852
Maev, R.G., Maeva, E.Yu., Levin, V.M. The application of scanning acoustic microscopy to dielectric polymer composite material study 40730
Maev, R.G. *see* Maslov, K.I. 60109
Maeva, E.Yu. *see* Maev, R.G. 36852
Maeva, E.Yu. *see* Maev, R.G. 40730
Maex, K. *see* De Wolf, I. 42740
Maex, K. *see* De Wolf, I. 54298
Maex, K. *see* Donaton, R.A. 40388
Maex, K. *see* Mouroux, A. 42677
Maex, K. *see* Proost, J. 42729
Maex, K. *see* Witvrouw, A. 42790
Maeyama, M. *see* Tumiran 28919
Maeyama, S., Ishikawa, N., Yuta, S. Rule based filtering and fusion of odometry and gyroscope for a fail safe dead reckoning system of a mobile robot 27899
Maeyama, T. *see* Laksono, T.H. 47593
Maezawa, H. *see* Cho, T. 37568
Maezawa, K. Effects of simulated annealing in the resonant-tunneling resistive-fuse network for early vision 25316
Maezawa, K., Yamamoto, M. Resistive-fuse network for early vision using resonant tunnelling diodes and HEMTs on an InP substrate 56893
Maezawa, K. *see* Chen, K.J. 1321
Maezawa, K. *see* Chen, K.J. 23011
Maezawa, K. *see* Chen, K.J. 32461
Maezawa, K. *see* Ohno, Y. 21565
Maffeis, S., Schmidt, D.C. Constructing reliable distributed communication systems with CORBA 35564
Maffezzoni, C. Boiler-turbine dynamics in powerplant control 50780
Maffione, A. *see* Pelillo, M. 35058
Maffiotte, C. *see* Garcia-Mazario, M. 29032
Mafter, I. *see* Ivanov, A. 16247
Maftoul, J., Barrault, M., Bernard, G., Kersusan, J.P., Rowe, S. Role of cooling fins in circuit breakers 38915
Maga, D. *see* Wagner, J. 60723
Magafas, L., Georgoulas, N., Thanailakis, A. The influence of metal work function on electrical properties of metal/a-SiC:H Schottky diodes 32364
Magalhaes, A.M., Rodrigues, C.V., Margoniner, V.E., Pereyra, A., Heathcote, S. High precision CCD imaging polarimetry 7412
Magana, L.F. *see* Aguilar, M. 42218
Maganty, P. *see* Coffee, J.R. 50265
Magarey, J., Kingsbury, N. Motion estimation using complex wavelets 25443
Magarey, J., Kingsbury, N. Motion estimation using complex wavelets 25690
Magarey, J., Kingsbury, N. An improved motion estimation algorithm using complex wavelets 57028
Magari, K. *see* Takeshita, T. 44560
Magarill, L.I., Romanov, D.A., Chaplik, A.V. Kinetics of two-dimensional electrons on a curved surface 12424
Magata, Y. *see* Yonekura, Y. 59475
Magbuhat, S.M. *see* Anderson, P.M. 60436
Magdalena, J.R. *see* Calpe, J. 6372
Magdalena, J.R. *see* Calpe, J. 6384
Magdalena, J.R. *see* Rosado, A. 21432
Magdalena Benedito, J.R., Calpe Maravilla, J., Guerrero Martinez, J., Farpon Martinez, O. Vocoders 4585

Magde, K.M. *see* Odoulov, S.G. 13531
Magdolen, J., Rappelsberger, P., Dorffner, G., Flexer, A., Winterer, G. Artificial neural networks and data dimensionality reduction mappings for identification of psychiatric disorders in EEG 59701
Magedanz, T., Eckardt, T. Mobile service agents and their impacts on IN-based service architectures 26300
Magedanz, T., Eckardt, T. Mobile software agents: a new paradigm for telecommunications management 35619
Magedanz, T., Popescu-Zeletin, R. Towards "intelligence on demand"-on the impacts of intelligent agents on IN 47258
Magedanz, T. *see* Berberana, I. 47625
Magedanz, T. *see* Eckardt, T. 26045
Magedanz, T. *see* Eckardt, T. 47279
Magedanz, T. *see* Eckardt, T. 47296
Magedanz, T. *see* Krause, S. 57715
Magedanz, T. *see* Wittmann, A. 5970
Magee, C. *see* Ghante, V. 12687
Magee, C. *see* Lanzerotti, L.D. 42962
Magee, C. *see* Parab, K.B. 12693
Magee, C.W. *see* Frost, M.R. 2381
Magee, C.W. *see* Picraux, S.T. 12702
Magee, J. *see* Leonhardt, U. 16254
Magee, S. The environment [electronics industry aspects] 21006
Magel, L.K. *see* Lu, J.P. 42617
Magendie, F., Chen, C. New advancements in epoxy laminating resins for high performance PCB's 20203
Magerand, E., Perrard, C., Bourjault, A., Rit, J.F. Modelling a maintenance task on a mechanical system 50716
Magerle, R. *see* Lindner, A. 40358
Maggi, G. *see* Celano, L. 18094
Maggi, S., Lacquaniti, V. Analysis of magnetic field patterns of single Josephson tunnel junctions with large idle regions 43738
Maggio, G., Recupero, V., Mantegazza, C. Modelling of temperature distribution in a solid polymer electrolyte fuel cell stack 29601
Maggio, G. *see* Freni, S. 29598
Maggio, G. *see* Freni, S. 61059
Maggiora, R. *see* Grella, L. 44158
Maggiora, R. *see* Hiroshima, H. 32268
Maggiora, R. *see* Patsis, G. 42832
Maggiore, C.J. *see* McIntyre, P.C. 32239
Maggiore, Q. *see* Morales, M.A. 49530
Maggs, J., Oliver, T., Wright, M.T., Payn, M. Prediction of the conducted emissions in variable speed motor drives 20121
Maghenzani, R., Molinar, G.E., Wisniewski, R., Magiera, A. Metrological characterization of a wide family of free elastic-element pressure transducers for use as transfer standards up to 1 GPa 58725
Magiera, A. *see* Maghenzani, R. 58725
Magill, E.H. *see* Tsang, S. 35811
Magill, P. *see* Hong Yang 229
Magill, P. *see* Rinne, G. 22083
Magill, P.D. *see* Doshi, B.T. 16078
Magill, P.D. *see* Doshi, B.T. 16098
Magin, R.L. *see* Jin, J.M. 18326
Maginier, S., Bacha, S., Hadjsad, N., Fauillet, R. A comparison study on inserting thyristor controlled series compensation in power systems 50515
Maginnis, W., Marmillion, P. Evolution of tower automation systems simulation, testing and training 49969
Magistris, M.de *see* de Magistris, M.
Magjarevic, R. *see* Cifrek, M. 37600
Magjarevic, R. *see* Pacelat, E. 37796
Maglaveras, N., Strintzis, M., Diamantaras, K.I., Doukoglou, T., Armaganidis, A., Chouvarda, I. IHIS: an integrated hospital environment linking via LAN ICU with PACS and biochemical laboratories 49837
Maglaveras, N. *see* Diamantaras, K.I. 49631
Maglaveras, N. *see* Stalidis, G. 37737
Maglic, K.D. *see* Vukovic, G.S. 7116
Maglio, P.P. *see* Barrett, R. 47162
Maglione, M. *see* Bidault, O. 54860
Magnaldo, A. *see* Sixou, P. 13539
Magnan, J.C. *see* Normant, E. 16936
Magnani, B. *see* Carrozza, M.C. 28402
Magnani, B. *see* Croce, N. 58731
Magnanini, R. *see* Baraldi, A. 12273
Magnanini, R. *see* Bignazzi, A. 30817
Magnea, N. *see* Mula, G. 13706
Magnea, N. *see* Mula, G. 31999
Magnea, N. *see* Pautrat, J.L. 3623
Magnea, N. *see* Zhao, Q.X. 12411
Magnenat, Y. *see* Robadey, J. 23900
Magnetti, G. *see* Bertone, D. 52658
Magni, R. *see* Dario, P. 27522
Magni, V. Perturbation theory of nonlinear resonators with an application to Kerr-lens mode locking 14306
Magni, V., Cerullo, G., De Silvestri, S., Monguzzi, A., Zavelani-Rossi, M. Cascaded second-order nonlinearity mode-locking of cw solid-state lasers 3756
Magni, V. *see* Serri, L. 14216
Magnin, I. *see* Hernandez, A. 28129
Magnin, I.E. *see* Wang, H. 56853
Magnitskii, S.A. *see* Akimov, D.A. 3337
Magnitskii, S.A. *see* Akimov, D.A. 43903
Magnitskii, S.A. *see* Koroteev, N.I. 43902
Magnitskii, V.O. *see* Potapov, A.I. 40738
Magno, R., Bennett, B.R. Nanostructure patterns written in III-V semiconductors by an atomic force microscope 42892
Magno Caldognetto, E. *see* Cosi, P. 4608
Magnolfi, R. *see* Nesi, P. 4929
Magnoli, N., Viano, G.A. The source identification problem in electromagnetic theory 56136
Magnus, S.H., Hill, D.N., Ohlinger, W.L. Emission properties of compounds in the $BaO{\cdot}Sc_2O_3{\cdot}WO_3$ ternary system 53904
Magnus, S.H., Hill, D.N., Ohlinger, W.L. Thermochemistry in the $BaO{\cdot}Sc_2O_3{\cdot}WO_3$ ternary system 53905
Magnusen, T.M. *see* Fitz, N.P. 6584
Magnussen, B.F. *see* Bedringas, K.W. 38960
Magnussen, N. *see* Krawczynski, H. 37287
Magnusson, C. Laser materials processing in the Nordic countries 33776
Magnusson, M., Smedman, A.-S. A practical method to estimate wind turbine wake characteristics from turbine data and routine wind measurements 9139
Magnusson, R. *see* Tello, L.N. 38129
Magnusson, R. *see* Tibuleac, S. 33215
Magnusson, R. *see* Tibuleac, S. 44178
Magnusson, S. *see* Almgren, M. 47651
Magoga, D. *see* Bertinetto, F. 13978
Magori, V. *see* Heide, P. 48445
Magori, V. *see* Schmidt, F. 13383
Magoshi, S. *see* Ando, T. 32264
Magoshi, S. *see* Hara, S. 22651
Magoshi, S. *see* Hattori, K. 22723
Magotra, N., Hamill, T., Swartz, B. Digital signal processing of speech for the hearing-impaired 18523
Magotra, N. *see* Ives, R.W. 6884
Magotra, N. *see* McCoy, J.W. 25114
Magotra, N. *see* Mandyam, G. 14879
Magrath, A.J. *see* Sandler, M.B. 47393
Magri, R., Manghi, F., Calandra, C. Structural and electronic properties of Sb islands on GaAs(110) 54247
Magrin, G. *see* Kliauga, P. 8001
Magrin-Chagnolleau, I., Wilke, J., Bimbot, F. A further investigation on AR-vector models for text-independent speaker identification 15133
Maguire, G., Jr. *see* Liu, G. 6637
Maguire, L.P. *see* McDaid, L.J. 21589
Maguire, P., Molloy, J., Laverty, S.J., McLaughlin, J. Etching characteristics of tin oxide thin films in argon-chlorine radio frequency plasmas 12732
Maguire, R.J., Sheppard, J.W. Application scenarios for AI-ESTATE services 36421
Maguire, T. *see* Kuffel, R. 19053
Magulariya, E.A. *see* Lukishova, S.G. 14031
Magulariya, E.A. *see* Lukishova, S.G. 14230
Magulariya, E.A. *see* Lukishova, S.G. 14291
Magulariya, E.A. *see* Lukishova, S.G. 23847
Magulariya, E.A. *see* Lukishova, S.G. 33614
Magureanu, R., Giuclea, R., Boghiu, D., Kreindler, L. Optimal regulator based on Riccati equation for speed loop brushless DC servo motors 61190
Magureanu, R. *see* Griva, C. 39269
Magureanu, R. *see* Ilas, C. 9636
Mahabala, H.N. *see* Kurup, R.R. 38305
Mahabir, C. *see* Sarma, H. 19346
Mahadevan, K., Ghosh, S. Precision analysis of a 4-port rectangular orthomode transducer using the is method of moments 31488
Mahadevan, K. *see* Zhi Chao Tao 34324
Mahadevan, S. *see* Rangarajan, L.M. 37165
Mahajan, A., Arafa, M., Fay, P., Caneau, C., Adesida, I. 160 GHz enhancement-mode InAlAs/InGaAs/InP high electron mobility transistor 1717
Mahajan, A., Fay, P., Arafa, M., Cueva, G., Adesida, I. Monolithic integration of InAlAs/InGaAs/InP enhancement- and depletion-mode high electron mobility transistors 43344
Mahajan, A., McDonald, D., Walworth, M. General engineering education for non-engineering students 20684
Mahajan, A. *see* Diogu, K.K. 1155
Mahajan, A. *see* McDonald, D. 20695
Mahajan, A. *see* Wohlmuth, W.A. 17361
Mahajan, M. *see* Huang, X.D. 15006
Mahajan, R.I. *see* Li, Y. 31608
Mahajan, R.L. Statistical neural network modeling for stencil printing 22057
Mahajan, R.L. *see* Kelkar, A.S. 30758
Mahajan, R.L. *see* Marwah, M. 20817
Mahajan, R.L. *see* Subbarayan, G. 10204
Mahajan, R.L. *see* Subbarayan, G. 30249
Mahajan, S. Large lattice mismatch epitaxy 40380
Mahajan, S. *see* Yang, J.W. 12341
Mahajan, S.M. *see* Collett, W.L. 50776
Mahajan, S.M. *see* De-Zhen Wang 41734
Mahajan, V.C. *see* Patil, S.A. 2061
Mahal, V., Arie, A. Distance measurements using frequency stabilized Nd:YAG lasers 4159
Mahalakshmi, V., Jose, J., Gupta, S.D. Enhanced third harmonic generation in periodic structures 24112
Mahalanabis, D. *see* Kabir, I. 18420
Mahalanobis, A., Vijaya Kumar, B.V.K. Prediction and comparison of performance of correlation filters 8688
Mahalanobis, A. *see* Carlson, D.W. 3546
Mahalik, N.G.P.C., Sarap, B.K. Tuning of microstrip antenna on ferrite substrate 4358
Mahalingam, M. *see* Engel, A. 41217
Mahalingam, M. *see* Lee, T.Y.T. 30297
Mahalingam, M. *see* Tien-Yu Tom Lee 281
Mahalingam, M. *see* Tien-Yu Tom Lee 30203
Mahalingam, P., Huimin Liu, Dandy, D.S. A model for the nucleation of diamond clusters on Si(111) substrates 30880
Mahalu, D. *see* Buks, E. 12387
Mahalu, D. *see* Messica, A. 42211
Mahalu, D. *see* Schuster, R. 32007
Mahalu, D. *see* Soibel, A. 12845
Mahan, A.H., Iwaniczko, E., Nelson, B.P., Reedy, R.C., Jr., Crandall, R.S., Guha, S., Yang, J. Hot wire deposited hydrogenated amorphous silicon solar cells 39132
Mahan, G.D. *see* Bartkowiak, M. 2740
Mahan, J.E., Vantomme, A., Langouche, G., Becker, J.P. Semiconducting Mg_2Si thin films prepared by molecular-beam epitaxy 22296
Mahan, J.E. *see* Vantomme, A. 40553
Mahanpour, M. Emission microscope and passive voltage contrast: solving a problem quickly 54782
Mahant-Shetti, S.S., Lemonds, C., Balsara, P. Leap frog multiplier 11322
Mahapatra, D.P. *see* Satyam, P.V. 32067
Mahapatra, D.P. *see* Sundaravel, B. 30810
Mahapatra, R.N., Kumar, A., Chatterji, B.N. Performance analysis of 2-D inverse fast cosine transform employing multiprocessors 56572
Maharaj, D.Y., Cowling, D.A. Aeroservoelastic modelling for integrated control design 50292
Maharana, G.S., Meher, P.K. Algorithm for efficient interpolation of real-valued signals using discrete Hartley transform 45800
Maharatha, S.K. *see* Panda, G. 48456
Mahattanakul, J., Toumazou, C. Instantaneous companding and expressing: a dual approach to linear integrator synthesis 21839
Mahdaly, A.I. *see* Ali, I.A. 16029
Mahdaly, A.I. *see* Ali, I.A. 46833
Mahdavi, A., Kumar, S. Implications of indoor climate control for comfort, energy and environment 51636
Mahdavi, J., Shahriari, A.K. Comparison of conducted RFI emission from different unity power factor AC/DC converters 9366
Mahdavi, J. *see* Wu, T.S. 38826
Mahdi, A.E. *see* Sykulski, J.K. 43755
Mahdi, M. *see* Darwish, A. 23771
Mahdi, M. *see* Noginov, M.A. 14266
Mahdjoubi, K. *see* Castel, X. 24565
Mahdy, E. *see* Gadalla, M.A. 29920
Mahe, F. *see* Bonnet-Ben Dhia, A.-S. 44037
Maher, D.M. *see* Agarwal, A. 12163
Maher, D.M. *see* O'Neil, P.A. 21295
Maher, D.M. *see* Violette, K.E. 802
Maher, G. *see* Love, G. 31636
Maher, R.C. Simple but useful tools for interactive WWW development 20637
Maheshwari, A., Thomas, S. Assembly development of direct chip attach with eutectic Pb-Sn solder bumps on organic substrates 22031
Maheshwari, K.P. *see* Panicker, J. 3913
Maheshwari, N., Sapatnekar, S.S. A practical algorithm for retiming level-clocked circuits 1250
Maheshwari, P. *see* Chengzheng Sun 25916
Maheshwari, R., Rao, S.S.S.P., Poonacha, P.G. FPGA implementation of median filter 53429
Mahfoudi, M. *see* Alonso, J.I. 53674
Mahfouz, A.A., Malik, O.P. Static VAR compensator for 3-phase induction motors 51027
Mahgerefteh, D., Butler, D.L., Goldhar, J., Rosenberg, B., Burdge, G.L. Technique for measurement of the Raman gain coefficient in optical fibers 33008
Mahgerefteh, D., Goldhar, J., Burdge, G.L. Simple technique for measurement of the Raman gain in optical fibers 13621
Mahgerefteh, D., Goldhar, J., Burdge, G.L. Bit rate tracking using a fiber Raman oscillator 13999
Mahgerefteh, D. *see* Canoglu, E. 12407
Mahinfallah, A., Nelson, R. Simulated and experimental effects of ESD on CMOS timing circuits 41031
Mahler, C.M. *see* Wu, C.C. 49649
Mahler, G., Wawer, R. Quantum dot arrays: preparation and detection of non-classical states 42100
Mahler, R.P.S. *see* Fixsen, D. 15319
Mahler, Y. *see* Nitzan, M. 7873
Mahlke, J. Characterization of Oklahoma reservoir wetlands for preliminary change detection mapping using IRS-1B satellite imagery 8543
Mahlkow, H., Meyer, H., Schulz, R. Electroless palladium: a new final finish for printed circuits boards 11949
Mahmood, A. *see* Kormicki, M. 11334
Mahmood, A. *see* Yul Chu 21426
Mahmood, M.F., Zachary, W.W., Gill, T.L. Theoretical modeling of frequency-chirped optical pulses in birefringent single-mode fibers 13566
Mahmood, S. *see* Karampetakis, N.P. 40026
Mahmood, Z., Kagawa, Y. Finite elements with divergence-free shape function and the application to inhomogeneously-loaded waveguide analysis 45335
Mahmoud, F., Azzam, R.M.A. Optical monitor for contamination on HV insulator surfaces 54955
Mahmoud, G.M. *see* Terra, F.S. 42040

Mahmoud, I.I. Linear and quadratic objective function effects on force directed method based analog placement 52988
Mahmoud, I.I., Kamel, S.A. Using a simulation technique for switched mode high voltage power supplies performance study 38863
Mahmoud, M.M.M. *see* Osman, A.H. 12912
Mahmoud, S. Magnetic field mitigation near Egyptian EHV transmission lines using high phase order 19372
Mahmoud, S. Studies on chemically deposited films of bismuth-sulfide (Bi_2S_3) 30864
Mahmoud, S.A. Alpha-particles induced effect on dielectric dispersion in the polymer CR-39 18130
Mahmoud, S.A. *see* ALshebeili, S.A. 56710
Mahmoud, S.A. *see* Elwan, H.O. 11561
Mahmoud, S.A. *see* Stern, H.P. 35920
Mahmoud, S.F. Electromagnetic wave interaction with a layered half-space with dipping anisotropy 34008
Mahmoud, S.F. *see* Ghannam, M.Y. 31779
Mahmoud, S.F. *see* Ghannam, M.Y. 31797
Mahn, J., Williams, D., Wung, P., Horst, G., Lloyd, J., Randall, S. A systematic approach toward studying noise and vibration in switched reluctance machines: preliminary results 29279
Mahn, J.A., Hannaman, G.W., Kryska, P.M. Qualitative methods for assessing risk [nuclear facilities] 38558
Mahnkopf, R. *see* Eisele, M. 11244
Mahon, C. *see* Jacobsen, C. 26685
Mahon, R. *see* Rabinovich, W.S. 3452
Mahoney, K.M., Weiner, A.M. A femtosecond pulse-shaping apparatus containing microlens arrays for use with pixellated spatial light modulators 17836
Mahoney, K.M. *see* Chiou, L. 3672
Mahoney, L.J. *see* Chen, C.L. 43149
Mahoney, M.J. *see* Teitelbaum, L.P. 45134
Mahoney, R.M. Hot insertion/removal of VXI modules with a powered VXI mainframe 48379
Mahr, A. *see* Eisenhammer, T. 10861
Mahr, D. *see* Fife, P.A. 19559
Mahr, K. *see* Ley, L. 54398
Mahra, R.K. *see* Rago, C. 50280
Mahraj, R. *see* Hopper, K.D. 7937
Mahraj, R. *see* Kasales, C.J. 59455
Mahringer, F. A scalable PCB design tool for the PC 53745
Mahrla, P. *see* Heilmann, T. 16633
Mahseredjian, J., Alvarado, F. Creating an Electromagnetic Transients Program in MATLAB: MatEMTP 38209
Mahseredjian, J. *see* Que Bui-Van 38897
Mahseredjian, J. *see* Sarlashkar, J.V. 19071
Mahulikar, D. *see* Hoffman, P. 20912
Mahund, Z. *see* Giesselmann, M. 43095
Mai, Z.H., Chen, W.C., Guo, H.X., Ma, W.Y., Zhai, G.J., Wu, L.S. Study of α-$LiIO_3$ single crystals grown in space 30729
Mai Lu *see* Lu Mai
Mai Wu, Xuejun Wang, Zhong Wang, Shenghua Ye, Ming Luo The model establishment and application for a movable 3-D coordinate measuring system 48904
Mai Zhihong *see* Zhihong Mai
Maia, L.O.A. *see* Szklo, A.S. 52099
Maialle, M.Z., Degani, M.H. Spin relaxation of electrons in p-doped GaAs quantum wells under applied voltage 42224
Maidanovskii, S.A. *see* Novikov, S.S. 53584
Maidment, J. *see* Bartel, W. 37084
Maidment, J. *see* Esin, S.K. 37020
Maidon, Y., Deval, Y., Begueret, J.B., Tomas, J., Dom, J.P. 3.3 V CMOS built-in current sensor 43255
Maidon, Y., Deval, Y., Fouillat, P., Tomas, J., Dom, J.P. On chip I_{DDX} sensor 20840
Maidon, Y., Deval, Y., Fremont, H., Dom, J.P. Using I_{DD} to analyse analogue faults and development of a sensor 43218
Maiello, G. *see* De Cesare, G. 832
Maiello, G. *see* Ferrari, A. 42504
Maiello, G. *see* Masini, G. 44272
Maier, C. Economy packet: bus connected DC power supplies 29419
Maier, C.A., Greub, H., Philhower, B., Steidl, S., Garg, A., Ernest, M., Carlough, S., Campbell, P., McDonald, J.F. Embedded at-speed testing schemes with low overhead for high speed digital circuits on multi-chip modules 21552
Maier, G. Requirement for precise calculation of electromagnetic screening of enclosures for electronic systems 14636
Maier, G. It all depends on the damping. The metallic cabinet as an aid to EMC and a barrier to interference 30324
Maier, G., Fruehauf, N., Bader, G., Lueder, E. 1.3″ active matrix liquid crystal spatial light modulator with 508 dpi resolution 13710
Maier, G.M. Digital terrestrial broadcasting system and requirements for RF-key components 27156
Maier, H. *see* Cabanski, W. 17501
Maier, H.A. *see* Berger, J. 8976
Maier, J. *see* Fleig, J. 17734
Maier, J. *see* Holzinger, M. 27751
Maier, K. *see* Artru, X. 49308
Maier, M. *see* Czotscher, K. 55694
Maier, M. *see* Mobley, S. 19025
Maier, M. *see* Waibel, A. 14945
Maier, M. *see* Weisser, S. 23957
Maier, M.R. *see* Sarantites, D.G. 37271
Maier, M.W. *see* Brooks, J.W. 8597
Maier, S.E. *see* Gudbjartsson, H. 7964
Maier-Borst, W. *see* Wolber, G. 59771
Maier-Rabler, U. Austrian information highway initiatives in the stage of disillusionment 26089
Maier-Schneider, D., Koprululu, A., Ballhausen Holm, S., Obermeier, E. Elastic properties and microstructure of LPCVD polysilicon films 22206
Maierl, C. *see* Muehlbauer, M. 17970
Maierna, A. *see* Bagnoli, P.E. 61296
Maigne, P. Influence of growth conditions on the residual strain in thick metalorganic vapor phase epitaxy grown InGaAs epilayers 40432
Maigne, P., Coulas, D. Structural investigation of MOVPE grown InGaAs buffer layers 52663
Maigron, P. *see* Cavalli, A. 46765
Mailaender, L., Iltis, R.A. Linear single-user detectors for asynchronous and quasi-synchronous CDMA 35468
Mailaender, L. *see* Iltis, R.A. 6644
Mailath, G.J., Samuelson, L., Swinkels, J.M. How proper is sequential equilibrium? 40018
Maile, K. *see* Jovanovic, A. 60454
Mailhes, C. *see* Robert, T. 34941
Mailhot, M. *see* Lesaint, O. 23236
Mailhot, R. *see* Marceau, R.J. 38211
Mailhot, R. *see* Van Cutsem, T. 50474
Mailis, S., Grivas, C., Gill, D., Boutsikaris, L., Vainos, N.A., Xirouhaki, C., Vasiliou, G., Garawal, N., Kyriakidis, G., Fritzsche, H. Dynamic holography in indium oxide and indium-tin-oxide thin films 24301
Mailis, S. *see* Vainos, N.A. 14434
Maillard, E. *see* Gueriot, D. 49980
Maillard, E. *see* Guillaudeux, S. 49979
Maillard, J. *see* Artru, X. 49308
Maillot, D., Olnes, J., Orpy, O.E., Rao, S. Security and integrity requirements across inter-domain management 26038
Maillot, P. *see* Mendicino, M.A. 42303
Maillotte, H. *see* Hernandez, F.E. 27947
Maillotte, H. *see* Lantz, E. 33005
Mailloux, A. *see* Levesque, M. 55771
Mailloux, A. *see* Morin, M. 55770
Mailloux, R.J. Array failure correction with a digitally beamformed array 14750
Mailloux, R.J. *see* Steyskal, H. 34366
Mailly, D. *see* Crowell, P.A. 7291
Mailly, P. *see* Roesch, S. 28247
Maimistov, A.I. Coherent propagation of an optical pulses in a fiber containing quasi-resonant impurities 13622
Maimon, O. *see* Braha, D. 30140
Maimouni, R. *see* Aziz, E. 7677
Main, J. *see* Newton, D. 3008
Main, J.A., Newton, D.V., Massengill, L., Garcia, E. Efficient power amplifiers for piezoelectric applications 32769
Main, L. *see* Duval, B.K. 26128
Main, P.C. Tunnel structures as probes of new physics 12506
Main, P.C. *see* Itskevich, I.E. 22900
Main, P.C. *see* Neves, B.R.A. 12391
Mainard, L., Lever, M. A bi-dimensional coding scheme applied to audio bitrate reduction 14822
Mainard, L. *see* Hay, K. 34634
Mainardi, L.T., Bianchi, A.M., Piazza, S., Furlan, R., Cerutti, S. Multichannel time-variant spectral and cross-spectral parameters for the evaluation of cardiovascular variability signals before syncope 59391
Mainardi, L.T., Porta, A., Lucini, D., Aquino, M., Monaco, M., Pagani, M., Cerutti, S. A transmission line model for the non-invasive evaluation of the vascular mechanical properties at level of the brachial artery 37597
Mainguy, A., Wang, L. Performance analysis of 3D subband coding for low bit rate video 15625
Maintz, J.B.A. *see* Zuiderveld, K.J. 25252
Mainville, J. *see* Que Bui-Van 38897
Mainwaring, N.R. *see* Ives, J.R. 49590
Maio, D., Maltoni, D. A structural approach to fingerprint classification 5626
Maio, G.Di *see* Di Maio, G.
Maiorca, F. *see* Grimaldi, D. 1534
Maiorov, M.A. *see* Alexeev, A.N. 12713
Maiorov, M.A. *see* Karpov, S.Yu. 40392
Mair, B.A. *see* Anderson, J.M.M. 28204
Mair, B.A. *see* Anderson, J.M.M. 49543
Maire, A. *see* Biron, D. 61338
Mairs, T. *see* Rahn, F.J. 38565
Maisano, J.J. *see* Abys, J.A. 926
Maisano, J.J. *see* Abys, J.A. 30845
Maisel, J.E. The role of DSP software in engineering technology 9931
Maisenholder, B. *see* Zappe, H.P. 44304
Maish, A.B., O'Neill, M., West, R., Shugar, D.S. SolarTrak™ controller developments for today's applications 38651
Maison, B. *see* Vandendorpe, L. 46355
Maison, B. *see* Vandendorpe, L. 56561
Maissa, S. *see* Luong, M. 53947
Maitelli, A.L., Yoneyama, T. Suboptimal dual adaptive control for blood pressure management 59748
Maiti, A., Kaplan, A.T., Mostoller, M., Chisholm, M.F., Pennycook, S.J., Pantelides, S.T. Ordering of As impurities in a Si dislocation core 22212
Maiti, A. *see* Pantelides, S.T. 42407
Maiti, B. *see* Chakrabarti, R. 2084
Maiti, B. *see* Chakrabarti, R. 22287
Maiti, B. *see* Hegde, R.I. 54379
Maiti, C.K. *see* Bera, L.K. 22549
Maiti, C.K. *see* Bera, L.K. 22557
Maitland, A. *see* Ridge, N.A. 19910
Maitland, A. *see* Ridge, N.A. 51408
Maitre, H. *see* Baillard, C. 46389
Maitre, H. *see* Descombes, X. 27010
Maitre, H. *see* Tupin, F. 48076
Maitre, H. *see* Winter, A. 56773
Maity, A.B. *see* Chakrabarti, R. 22287
Maity, A.B. *see* Chakrabarti, R. 31862
Maiuzzo, M. *see* Li, S.T. 47609
Maiwa, H., Ichinose, N. Dielectric properties of (Pb,La)TiO_3 thin films by multiple-cathode sputtering and its application to dynamic random access memory capacitors 2919
Maixe, J. *see* Garcia de Vicuna, L. 51350
Maiyshev, A. *see* Luk'yanchuk, B. 947
Majamaa, T., Airaksinen, V.-M., Sinkkonen, J. Fabrication of ultrathin silicon dioxide layers in ultra high vacuum 12755
Majamaa, T. *see* Taskinen, K. 54578
Majamaa, T. *see* Tuurnala, T. 54305
Majani, E. *see* Lightstone, M. 46244
Majanovic, T. Revision of standard YUS N.A2.001 of 1989. Standard Voltages 19073
Majchrzak, J. Construction of environment model for mobile robot with ultrasonic sensor system 8575
Majchrzak, J. *see* Wozniak, A. 7421
Majde, S. Electronic toll collection paving the way for automatic vehicle identification applications 58131
Majeed, M., Tjuatja, S. An improved propagation model for wireless communications 4251
Majerfeld, A. *see* Kim, B.W. 31978
Majerfeld, A. *see* Mao, E. 40461
Majeski, R.P. *see* Probert, P.H. 36839
Majewska, H. *see* Naglowski, P. 23286
Majewski, A., Przezdziecki, A. Propagation of ultrashort optical pulses in nonlinear optical fibers: an analysis by the beam propagation method 44726
Majewski, A., Sujecki, S., Kostrzewa, C., Petermann, K. Characteristics of planar directional couplers based on rib lightguide structure 44006
Majewski, P. *see* Nichols, D.K. 43107
Majewski, P.P. *see* Oberg, D.L. 22864
Majid, W.H.A. *see* Capan, R. 32597
Majima, K. *see* Ito, M. 13411
Majima, K. *see* Ito, M. 43713
Majima, S. *see* Ishikawa, H. 35717
Majithia, J.C. *see* Honghai Jiang 11378
Majithia, S. *see* Hannan, J.M. 38310
Majka, R.D. *see* Haridas, P. 59198
Majkova, E. *see* D'Anna, E. 906
Majkova, E. *see* Luby, S. 2451
Majni, G. *see* D'Anna, E. 901
Majo, J. *see* Garcia de Vicuna, L. 51350
Majoo, S., Gland, J.L., Wise, K.D., Schwank, J.W. A silicon micromachined conductometric gas sensor with a maskless Pt sensing film deposited by selected-area CVD 36757
Major, J. *see* Artru, X. 49308
Major, J. *see* O'Brien, S. 44508
Major, J.S., Jr. *see* Gulgazov, V.N. 23946
Major, J.S., Jr. *see* Zhao, H. 3849
Major, L. *see* Kushawaha, V. 14071
Major, P. *see* Bohn, F. 47607
Major, S.S. *see* Agashe, C. 10828
Majoros, M. Hysteretic losses at a gap in a thin sheet of hard superconductor carrying alternating transport current 32902
Majoros, M. *see* Kvitkovic, J. 7277
Majumber, S.P., Ali, M.R. Impact of laser linewidth on performance of pre-amplified optical direct detection ASK and M-PPM systems 26683
Majumdar, A., Bhattacharya, U.K., Mukhopadhyay, D. Empirical relations for electron mobility in silicon 41850
Majumdar, A. *see* Fushinobu, K. 32454
Majumdar, A. *see* Kagaris, D. 11376
Majumdar, A. *see* Luo, K. 48473
Majumdar, A.A.K. Optimality conditions in differentiable multiobjective programming 40101
Majumdar, A.K. *see* Chakrabarti, I. 53166
Majumdar, A.K. *see* Kourouniotis, F.P. 25176
Majumdar, A.K. *see* Sarkar, S. 53223
Majumdar, B. Fabrication and characterisation of U groove power MOSFET 54621
Majumdar, G. *see* Medaule, D. 51732
Majumdar, G. *see* Motto, E.R. 39267
Majumdar, M., Parhi, K.K. Synthesis of low area data format converters 1496
Majumdar, M. *see* Denk, T.C. 25218
Majumder, S. *see* Zavracky, P.M. 43384
Majumder, S.B., Mohapatra, Y.N., Agrawal, D.C. Fatigue resistance in lead zirconate titanate thin ferroelectric films: effect of cerium doping and frequency dependence 23162
Majumder, S.B., Mohapatra, Y.N., Agrawal, D.C. Optical and microstructural characterization of sol-gel derived cerium-doped PZT thin films 54946
Majumder, S.P., Alam, M.S. Performance analysis and simulation of optical direct detection FSK and DPSK systems 6832
Majumder, S.P., Alam, M.S., Gangopadhyay, R. Effect of nonuniform laser FM response on the

performance of multichannel heterodyne FSK systems using optical amplifiers 36094
Majzik, I., Hohl, W., Pataricza, A., Sieh, V. Multiprocessor checking using watchdog processors 1487
Mak, A.F.T. *see* Ming Zhang 18540
Mak, B. *see* Cole, R.A. 14998
Mak, M.H., Escalona, O.J., Anderson, J. PC-based cardiac electrophysiological studies: a pacing system with real-time screen monitoring of endocardial electrograms 49612
Mak, S. *see* Ye, Y. 54477
Mak, W.M. *see* Wong, M.W.T. 53090
Mak Kin Chung *see* Kin Chung Mak
Mak Kui-Nang *see* Kui-Nang Mak
Mak Wai-Kei *see* Wai-Kei Mak
Makabe, D. *see* Takahashi, E. 41750
Makabe, R. *see* Mihara, T. 694
Makabe, T. *see* Komada, M. 22640
Makabe, T. *see* Shibata, M. 1899
Makai, B. *see* Kauff, P. 35191
Makai, J. *see* Fuzessy, Z. 4132
Makai, J. *see* Fuzessy, Z. 14418
Makalsky, L.M., Orlov, A.V., Temnikov, A.G. Possible mechanism of lightning strokes to extra-high-voltage power transmission lines 28904
Makansi, J. New options aim to keep coal as preferred fuel 29077
Makany, P. *see* Guilbert, F. 52374
Makar, S.R., McCluskey, E.J. Some faults need an I_{ddq} test 21656
Makarenko, A.S. Matching of a waveguide H-plane tee 1684
Makarevich, O.B. *see* Bulanov, S.N. 18438
Makarevitch, B. An object-based model of the service control function 47312
Makarevitch, I.P. *see* Kolikov, V.A. 33860
Makarov, A. Discrete frequency tracking in nonstationary signals using joint order statistics technique 45772
Makarov, A. Comparison of background extraction based intrusion detection algorithms 56786
Makarov, A.A. *see* Kravtsov, N.V. 3742
Makarov, A.P., Kultashev, O.K. A work model for barium dispenser cathodes with the surface covered by metal Os, Ir or Os(Ir)W alloy layer 53906
Makarov, A.P. *see* Djubua, B.Ch. 41763
Makarov, A.S., Ivanov, V.P., Kozlov, S.D., Sidorenko, V.I., Sadchikov, V.V., Nasyrov, A.R., Nevzorov, V.A., Cytenkov, V.N. Portable optoelectronic device for measuring the dust content of the air 13840
Makarov, A.S., Ivanov, V.P., Kozlov, S.D., Sidorenko, V.I., Sadchikov, V.V., Sytenkov, V.N. Automatic dust meter-particle-size analyzer 13839
Makarov, A.S. *see* Balakirev, V.V. 16971
Makarov, E.F. *see* Bravy, B.G. 44363
Makarov, K. *see* Bourgeois, M. 49273
Makarov, K. *see* Dubenkov, V. 18057
Makarov, K.A., Ozhogina, V.K., Romanovskii, V.R. Transition of a superconducting magnet winding into the normal state 13515
Makarov, K.N. *see* Baranov, V.Yu. 18077
Makarov, K.N. *see* Haseroth, H. 49278
Makarov, L.N., Akhunov, T.A., Popov, V.I. Rotor structure for RA series of asynchronous machines (up to 100 kW) 60773
Makarov, L.N. *see* Akhunov, T.A. 60777
Makarov, L.N. *see* Popov, V.A. 60774
Makarov, M. *see* Fujimura, K. 46503
Makarov, M.A. *see* Popov, B.N. 51718
Makarov, V.A. *see* Golubkov, A.A. 34101
Makarov, V.A. *see* Koroteev, N.I. 14349
Makarov, V.A. *see* Vysloukh, V.A. 14616
Makarov, V.N. *see* Kalynzhnyi, V.V. 33771
Makarov, V.P. *see* Grigoriev, Yu.G. 37894
Makarov, V.V. Wide-band measurements of DC voltages using two-parametric amplitude adaptation 36401
Makarov, V.V. *see* Kol'tsov, G.I. 12630
Makarov, V.V. *see* Kosinskii, A.V. 36402
Makarov, Yu.N. *see* Bergunde, T. 40324
Makarov, Yu.N. *see* Durst, F. 41944
Makarov, Y.V., Maslennikov, V.A., Hill, D.J. Revealing loads having the biggest influence on power system small disturbance stability 19041
Makarova, T.V. *see* Gorev, N.B. 42078
Makartsev, O.V. *see* Tsvetkov, Yu.P. 38069
Makarychev, Yu.M., Ryzhov, S.Yu. Eddy currents in magnetic systems of fuel injector 33854
Makaseev, Yu.N. *see* Buinovskii, A.S. 3240
Makashov, O.V. *see* Potapov, A.I. 40738
Makatsoris, C., Leach, N.P., Richards, H.D., Besant, C., Riste, M. Addressing the planning and control gaps in semiconductor virtual enterprises 30150
Makdissi, A., de Clercq, E. A signal approach analysis of the Ramsey pattern in a cesium beam frequency standard 27254
Makdissi, A., de Clercq, E. A regularization approach for the determination of the time of flight distributions in the cesium beam standards 27278
Makdissi, A. *see* de Clercq, E. 48316
Makeev, A.V. *see* Belikov, S.V. 28029
Makeev, V. *see* Cardarelli, R. 37363
Makeev, V.V. *see* Belikov, S.V. 28029
Makeev, V.V. *see* Dmitriev, A.V. 12509
Makeev, Yu.G. *see* Belous, R.I. 58973
Makeig, S., Bell, A.J., Tzyy-Ping Jung, Sejnowski, T.J. Independent component analysis of electroencephalographic data 59631
Makeig, S. *see* Tzyy-Ping Jung 18468
Makela, K., Holtta, V. A new peak-intensity photometer for the calibration of photostimulators used in ERG and FVEP studies 59621
Makemson, J. *see* Anderson, L.B. 6704
Makemson, J. *see* Howell, E. 6672
Maker, P.D. *see* Gunapala, S.D. 17494
Maker, P.D. *see* Gunapala, S.D. 17541
Maker, P.D. *see* Gunapala, S.D. 17542
Maker, P.D. *see* Gunapala, S.D. 36569
Maker, P.D. *see* Gunapala, S.D. 48665
Maker, P.D. *see* Zhigang Chen 55864
Makeshwar, K. *see* Alok, D. 54455
Makeyev, O.S. *see* Vorobjov, G.S. 56114
Makeyev, O.S. *see* Vorobyov, G.S. 14567
Makhanov, S.S. *see* Vanderperre, E.J. 39939
Makhija, M.G., Telang, V.P. Simulating clock jitter in digital communication systems 4723
Makhkamov, Kh.Kh., Lerner, M.Kh., Rakhimov, V.A. Determining the effective power of the α-modification Stirling engine for the solar power plant 29157
Makhkamov, Sh.M., Abdurakhmanova, S.N. Low temperature phase transition (PT) and defect formation (DF) in silicon with dioxide inclusions under X-ray irradiation 12211
Makhoul, J. *see* LaPre, C. 25395
Makhoul, R.G. *see* Ding-Yu Fei 49559
Makhover, A.Z. *see* Lazareva, T.G. 7261
Makhratchev, K.B. *see* Aivazov, A.A. 39238
Makhrovskiy, O., Kolpakov, V., Martin, Y., Parshin, M.V., Shibanov, V., Soloviov, Y., Tkachman, I. Complex of software tools for intelligent network optimizations, dimensioning and planning 35797
Makhviladze, T.M. *see* Lucas, K.D. 2522
Maki, G.K., Shaw, H.C., Chen, K.Q. High performance VLSI for space and commercial applications 54786
Maki, J.J., Kauranen, M., Verbiest, T., Persoons, A. Uniqueness of wave-plate measurements in determining the tensor components of second-order surface nonlinearities 44721
Maki, K. *see* Shigeta, Y. 10768
Maki, P.A., Molnar, R.J., Aggarwal, R.L., Liau, Z.-L., Melngailis, I. Optically pumped GaN-AlGaN double-heterostructure lasers grown by ECR-GSMBE and HVPE 14176
Maki, T. *see* Kobayashi, T. 22214
Maki, T. *see* Murohka, H. 59271
Maki, Y. *see* Koyama, M. 20269
Makida, Y. *see* Kim, S.W. 43864
Makie-Fukuda, K., Maeda, S., Tsukada, T., Matsuura, T. Substrate noise reduction using active guard band filters in mixed-signal integrated circuits 31411
Makie-Fukuda, K. *see* Tsukada, T. 41351
Makihara, A. *see* Kijima, T. 36983
Makihara, M., Shimokawa, F., Nishida, Y. Self-holding optical waveguide switch controlled by micromechanisms 43995
Makihira, H. *see* Maeda, S. 20968
Makijarvi, M. *see* Reinhardt, L. 49705
Makimoto, T., Kobayashi, N. Extremely strong and sharp photoluminescence lines from nitrogen atomic-layer-doped GaAs, AlGaAs and AlGaAs/GaAs single quantum wells 12641
Makimoto, T., Kobayashi, N. Formation and etching of thin nitride layers on GaAs using atomic nitrogen and hydrogen 31860
Makimoto, T. *see* Kasu, M. 40387
Makimoto, T. *see* Saito, H. 32115
Makimoto, T. *see* Saito, H. 40458
Makin, I.R.S. *see* Forsberg, F. 18346
Makin, J., Smith, J., Topping, M. A study to compare the food scooping performance of the Handy 1 robotic aid to eating, using two different dish designs 49807
Makin, P., Klaus, D.W. Vacuum and SF_6 interruption techniques–a manufacturer's experience 38906
Makin, V.S. *see* Libenson, M.N. 24291
Makino, A., Nelson, D.V., Fuchs, E.A., Williams, D.R. Determination of biaxial residual stresses by a holographic-hole drilling technique 7603
Makino, A. *see* Nelson, D.V. 20844
Makino, H. *see* Nakashizuka, M. 25294
Makino, H. *see* Oklobdzija, V. 21638
Makino, I. *see* Ito, S. 27529
Makino, I. *see* Namatsu, H. 32017
Makino, M., Nakamura, T., Taniguchi, H., Yamamoto, T. An incident detection system 35047
Makino, M., Nakamura, Y., Aida, M., Murayama, J. Wide-area VLAN architecture 16276
Makino, S., Noebauer, J., Haneda, Y., Nakagawa, A. SSB subband echo canceller using low-order projection algorithm 15013
Makino, S. *see* Deguchi, H. 56117
Makino, S. *see* Fukasawa, T. 34312
Makino, S. *see* Idehara, T. 53993
Makino, S. *see* Onozawa, T. 19494
Makino, S. *see* Shimauchi, S. 16373
Makino, S. *see* Takabayashi, M. 34278
Makino, T., Ichimura, M., Yoshida, H., Morita, E., Usami, A. Contactless estimation of the surface recombination velocity at high-low junction surfaces fabricated by the ion-implantation technique 42080
Makino, T. *see* Gong, X.Y. 41935
Makino, T. *see* Jianyao Chen 14131
Makino, T. *see* Jianyao Chen 14183
Makino, T. *see* Jianying Zhou 33510
Makino, T. *see* Kurihara, K. 32321
Makino, T. *see* Kurihara, K. 43166
Makino, T. *see* Sarangan, A.M. 3826
Makino, Y. *see* Aoshima, Y. 9301
Makino, Y. *see* Hayashi, T. 29669
Makioka, H. *see* Tamura, Y. 7083
Makios, V. *see* Maniatopoulos, A. 6140
Makis, V. *see* Fung, J. 20999
Makis, V. *see* Huamin Liu 30194
Makishima, S. *see* Nakano, T. 43518
Makishita, T. *see* Fujii, Y. 27944
Makisimovich, N., Vorotyntsev, V., Nikitina, N., Kaskevich, O., Karabun, P., Martynenko, F. Adsorption semiconductor sensor for diabetic ketoacidosis diagnosis 37614
Makita, K., Nogami, M., Abe, Y. Sol-gel synthesis of high-humidity-sensitive amorphous P_2O_5-TiO_2 films 52735
Makita, K. *see* Sun, H. 43620
Makita, K. *see* Takeuchi, T. 16728
Makita, K. *see* Takeuchi, T. 26911
Makita, K. *see* Tsuji, M. 54212
Makita, N. *see* Kinoshita, G. 27471
Makita, S. *see* Hisano, K. 30302
Makita, T. *see* Mikami, N. 21990
Makita, Y. *see* Harada, K. 12700
Makita, Y. *see* Katsumata, H. 2314
Makita, Y. *see* Katsumata, H. 31930
Makita, Y. *see* Katsumata, H. 42030
Makita, Y. *see* Kawasumi, Y. 12627
Makita, Y. *see* Kobayashi, N. 10791
Makita, Y. *see* Kobayashi, N. 42392
Makita, Y. *see* Shibata, H. 31907
Makita, Y. *see* Shima, T. 12445
Makita, Y. *see* Shima, T. 12652
Makita, Y. *see* Shima, T. 12696
Makita, Y. *see* Shima, T. 32123
Makita, Y. *see* Yamada, A. 31924
Makiuchi, M. *see* Yamamoto, N. 13851
Makiuchi, M.K. *see* Tanaka, K. 55430
Makkaveeva, V.F. *see* Vasil'ev, E.N. 14595
Makki, K., Pissinou, N., Frieder, O. Efficient solutions to multicast routing in communication networks 6476
Makki, K., Pissinou, N., Frieder, O. On multicasting in a communication network 46830
Makki, K. *see* Jia, X. 57682
Makki, K. *see* Wuxu Peng 46791
Makki, K., Pissinou, N. *(editors)* Proceedings Fourth International Conference on Computer Communications and Networks (ICCCN'95) (Cat. No.95TB8110) 39594
Makkonen, P. *see* Hallikainen, M. 18877
Makosa, A. *see* Belyaev, A.E. 12877
Makosa, A. *see* Figielski, T. 12414
Makosa, A. *see* Flglelskl, T. 43161
Makovetskaya, L.A. *see* Savchuk, V.A. 54124
Makovicka, C., Gartner, G., Hardt, A., Hermann, W., Wiechert, D.U. Impregnated cathode surface investigations by SFM/STM and SEM/EDX 53909
Makowiecki, D. *see* Kerns, J.A. 10959
Makowski, J. *see* Badziak, J. 23837
Makowski, M.S. A combined-graph approach–obtaining models of DC-DC PWM converters by averaging and incremental representation 51377
Makrakis, D., Mander, R.S., Orozco-Barbosa, L., Papantoni-Kazakos, P. A spread slotted medium access control protocol with reservation supporting multimedia services over personal and mobile communication networks 5841
Makrakis, D., Mathipoulos, P.T., Bouras, D.P. Comment on "Maximum likelihood decoding of uncoded and coded PSK signal sequences transmitted over Rayleigh flat-fading channels" 45588
Makram, E.B. *see* Girgis, A.A. 19427
Makram, E.B. *see* Varadan, S. 28748
Makridakis, C.G., Babuska, I. On the stability of the discontinuous Galerkin method for the heat equation 40267
Makridakis, P. *see* Schuss, J.J. 34462
Makris, A. *see* Waller, M. 11479
Maksaev, O. *see* Kulchin, Y. 25261
Maksaev, O. *see* Kulchin, Yu. 50005
Maksaev, O.G. *see* Kulchin, Y.N. 58821
Maksarov, D.G. Filtering of random processes described by Volterra integral equations of the second kind 430
Maksiejewski, J.L. Thermal response of coated steel conductors under surge currents taking the skin effect into account 8963
Maksimchuk, A., Workman, J., Nantel, M., Umstadter, D., Mourou, G., Bouvier, M. Jitter-free signal-averaging picosecond X-ray streak camera 28054
Maksimenko, S.A., Slepyan, G.Ya. Bragg diffraction of a plane wave by a standing spatial soliton 44630
Maksimov, A.V. *see* Aksenov, G.A. 36440
Maksimov, A.V. *see* Anashkin, E.V. 37232
Maksimov, G.A. *see* Avrutskii, I.A. 44545
Maksimov, M.V., Gondeev, N.Yu., Zailsev, S.V., Kop'ev, P.S., Kochnev, I.V., Ledentsov, N.N., Lunev, A.V., Ruvimov, S.S., Sakharov, A.V., Tsatsul'nikov, A.F., Bimberg, D. Quantum dot injection heterolaser with ultrahigh thermal stability of the threshold current up to 50°C 44463
Maksimov, M.V. *see* Krestnikov, I.L. 42141
Maksimov, M.V. *see* Krestnikov, I.L. 44464

Maksimov, M.V. *see* Shernyakov, Yu.M. 55653
Maksimov, M.V. *see* Tsatsul'nikov, A.F. 12328
Maksimov, M.V. *see* Tsatsul'nikov, A.F. 12383
Maksimov, M.V. *see* Zhukov, A.E. 41934
Maksimov, M.V. *see* Zhukov, A.E. 44487
Maksimov, S.K. Relationship between nonequilibrium atomic ordering and nonequilibrium automodulation in epitaxial GaAlAs layers 52626
Maksimov, Yu.P. *see* Belyaev, A.A. 23439
Maksimova, L. *see* Smirnov, G. 18190
Maksimova, N.K., Filonov, N.G. Salient features of the electrical characteristics of oxygen-implanted gallium arsenide Schottky-barrier structures 12555
Maksimovic, D. *see* Arbetter, B. 51143
Maksimovich, N. *see* Vorotyntsev, V. 36759
Maksimyuk, V.S. *see* Mirumyants, S.O. 59076
Makur, A. *see* Chandramouli, R. 4869
Makuta, F. *see* Miyoshino, F. 11774
Makynen, A., Ruotsalainen, T., Kostamovaara, J. High accuracy CMOS position-sensitive photodetector (PSD) 27583
Makynen, M. *see* Hallikainen, M. 18877
Makynen, P. *see* Nousiainen, J. 28315
Mal, J. *see* Kar, T. 30977
Malacara, D. *see* Servin, M. 35233
Malacara-Doblado, D. *see* Malacara-Hernandez, D. 34806
Malacara-Hernandez, D., Malacara-Doblado, D., Servin, M. Least squares fitting of a sinusoidal signal and its Fourier analysis 34806
Malacara-Hernandez, D. *see* Garcia-Marquez, J. 33756
Malaczynski, G. *see* Reass, W.A. 51256
Malaczynski, G.W. *see* Nastasi, M. 10885
Malafeeva, O. *see* Nikulin, A. 55098
Malag, A., Strupinski, W. Low beam divergence laser diode based on MOCVD grown (AlGa)As Double-Barrier Multiquantum Well (DBMQW) heterostructure 3817
Malag, A., Strupinski, W. MOVPE-grown (AlGa)As double-barrier multiquantum well (DBMQW) laser diode with low vertical beam divergence 44554
Malaguti, G. *see* Di Cocco, G. 59368
Malah, D. *see* Cohen, I. 45996
Malaiya, Y.K. *see* Menon, S.M. 53192
Malajovich, G., Zubelli, J.P. A fast and stable algorithm for splitting polynomials 21145
Malakhov, A.N., Pankratov, A.L. Influence of thermal fluctuations on time characteristics of a single Josephson element with high damping. Exact solution 13500
Malakhov, I.V. *see* Baranenko, V.I. 38490
Malakhov, N. *see* Bacchetta, N. 36561
Malambu, E.M., Mund, E.H. An efficient 3D nodal response matrix code with applications to reactor core analysis 60511
Malamidis, D. *see* Lichte, H. 33742
Malamut, R. *see* Casas, R.A. 5709
Malan, G.F. *see* Jones, C.A. 89
Malan, P.A. *see* du Toit, L.P. 60953
Malan, R. *see* Hancke, G.P. 9104
Malaquias, J.L., Almeida, P., Amilcar, P., Cruz, N., Correia, C.M.B.A. A system for nuclear data aquisition 58657
Malaquias, J.L. *see* Basilio Simoes, J. 59337
Malaquias, J.L. *see* Morgado, A.M.L.S. 53083
Malaret, E. *see* Nozette, S. 27126
Malaschonok, G.I. *see* Akritas, A.G. 21152
Malashevich, A. *see* Pankov, V. 21370
Malassiotis, S., Strintzis, M.G. Coding of video-conference stereo image sequences using 3D models 25548
Malassiotis, S., Strintzis, M.G. Model-based joint motion and structure estimation from stereo images 35170
Malassiotis, S. *see* Saflekos, A. 28070
Malassiotis, S. *see* Saflekos, A. 49477
Malassiotis, S. *see* Sahinoglou, H. 18223
Malatesta, T. *see* de Notaristefani, F. 28228
Malatesta, T. *see* Vittori, F. 37670
Malavasi, E. *see* Charbon, E. 11093
Malave, C.O., Watson, K.L. Cultural change at Texas A&M: from the engineering science core to the foundation coalition 20703
Malave, C.O. *see* Adams, S.G. 20657
Malba, V. *see* Liberman, V. 31656
Malbasa, N. The role of coal thermo power plant in planning and development of electric energy supply 60544
Malcagni, M. Precautions in the use of DC/DC convertors 29420
Malcangi, M. Signal integrity–a design problem 1552
Malcangi, M. The use of fuzzy logic for the recognition of vocal instructions 24861
Malchow, S. *see* Heidrich, H. 47997
Malciu, M. *see* Vertan, C. 57030
Malcolm, M. *see* Mochizuki, M. 52279
Malcolm, W. *see* Abi-Samra, N. 28886
Malcovari, P. *see* Baltes, H. 7316
Malcovati, P. *see* Baltes, H. 43407
Malcovati, P. *see* Haberli, A. 17337
Malcovati, P. *see* Liberali, V. 58673
Malcovati, P. *see* Schneider, M. 48484
Malcuit, M.S. *see* Stone, T.W. 56212
Maldague, X. *see* Marinetti, S. 52920
Maldague, X. *see* Pelletier, J. 40743
Maldonado, A. *see* de la L. Olvera, M. 7467
Maldonado, J. *see* Hector, S. 32290
Maldonado, J.R. *see* LaTulipe, D. 32301
Maldonado, L. *see* Kim, Y. 8308
Maldonado, M.A., Shah, N.M., Cleek, K.J., Walia, P.S., Korba, G. Power management and distribution system for a more-electric aircraft (MADMEL)–program status 18711
Maldonado, M.A. *see* Homeyer, W.G. 18709
Maldonado, T.A. *see* Landry, G.D. 3946
Maldonado, T.A. *see* Tibuleac, S. 33215
Maleck Rassoul, R., Ivanov, A., Freysz, E., Ducasse, A., Hache, F. Second-harmonic generation under phase-velocity and group-velocity mismatch: influence of cascading self-phase and cross-phase modulation 55824
Malecki, J. Electrical conductivity and electret stability. Why electrets are so stable? 54871
Malek, C.K. *see* Bonivert, W.D. 21327
Maleki, L., Prestage, J., Armstrong, J., Haugan, M. Tests of relativistic gravity with a low mass spaceborne frequency standard 48309
Maleki, L., Yan, S. A new class of opto-electronic oscillators (OEO) for microwave signal generation and processing 53569
Maleki, L. *see* Seidel, D.J. 27335
Maleki, L. *see* Tjoelker, R.L. 27324
Maleki, L. *see* Tjoelker, R.L. 48293
Maleki, L. *see* Yao, S. 21900
Maleki, L. *see* Yao, X.S. 48313
Maleki, L. *see* Young, L.E. 26663
Malepati, V.N. *see* Sen, S. 48357
Maler, O., Yovine, S. Hardware timing verification using KRONOS 1231
Males-Ilic, N. *see* Pronic, O. 41454
Malesinska, E., Panconesi, A. On the hardness of allocating frequencies for hybrid networks 47715
Maletin, Y.A., Strizhakova, N.G., Izotov, V.Y., Kozachkov, S.G., Mironova, A.A., Danilin, V.V. Novel type of storage cells based on electrochemical double-layer capacitors 9470
Maletta, H. *see* Tappert, J. 3192
Malevich, I.A. *see* Korostik, K.N. 24056
Malevich, I.A. *see* Korostik, K.N. 33572
Malevich, V.L. *see* Utkin, L.A. 14350
Maleville, C., Aspar, B., Poumeyrol, T., Moriceau, H., Bruel, M., Auberton-Herve, A.J., Barge, T., Metral, F. Physical phenomena involved in the Smart-Cut(R) process [SOI technology] 42291
Maleville, C. *see* Auberton-Herve, A.J. 42607
Maleville, C. *see* Cristoloveanu, S. 42302
Maleville, C. *see* Moriceau, H. 22554
Malevinskii, G.V. *see* Mal'tsev, B.K. 29018
Maley, N. *see* Chen, L. 39150
Malfait, A., Matthijs, K., Reekmans, R., Hameyer, K., Belmans, R. Using multimedia in variable speed drive teaching 61175
Malfait, A. *see* Van Haute, S. 61126
Malfait, M., Roose, D. Wavelet-based image denoising using a Markov random field a priori model 46254
Malfait, M. *see* Jansen, M. 56708
Malfatt, R., Kamath, S., Caulfield, T. Application realities of chip scale packaging 20863
Malfatti, C. *see* Roach, M., III 28160
Malgrange, C. *see* Goulon, J. 49357
Malhammar, P. A comparison of two thermal component models 10118
Malhene, N. *see* Doumeingts, G. 39666
Malherbe, J.A.G. Corporate feed in nonradiative dielectric waveguide 34480
Malherbe, J.A.G. Radiation from an open-ended nonradiative dielectric waveguide 56116
Malherbe, J.B. *see* Demanet, C.M. 2019
Malhi, D.S. *see* Elrabaa, M.S. 41280
Malhi, D.S. *see* Zhixin Yan 12909
Malhotra, A. *see* Stadterman, T.J. 38151
Malhotra, B.D. *see* Verghese, M.M. 23579
Malhotra, B.D. *see* Verghese, M.M. 55309
Malhotra, L.K. *see* Mehta, B.R. 31790
Malhotra, L.K. *see* Senguttuvan, T.D. 31864
Malhotra, M., Veeraraghavan, M. Performability-based quality of service metrics for communication services 46894
Malhotra, R. *see* Moro, L. 42031
Malhotra, S., Datta, R. Feasibility studies of a fuel cell for cogeneration of homogeneously catalyzed acetaldehyde and electricity from ethanol 19979
Malhotra, S., Datta, R. Membrane-supported nonvolatile acidic electrolytes allow higher temperature operation of proton-exchange membrane fuel cells 51546
Malhotra, S.S., Liu, Y., Shan, Z.S., Liou, S.H., Stafford, D.C., Sellmyer, D.J. Nanocrystalline high coercivity PrCo//Cr thin films: potential high density magnetic recording media 13437
Malhotra, S.S. *see* Liou, S.H. 23355
Malhotra, S.S. *see* Sellmyer, D.J. 55031
Malhotra, S.S. *see* Shan, Z.S. 13450
Mali, S., Nath, J., Raju, V.V., Suresh, P. Automated power distribution operation simulator 19300
Mali, W.P. *see* Bakker, C.J. 28168
Mali, W.P.T.M. *see* Bakker, C.J.G. 37624
Malia, T.E. Environmental qualification of the MH-53J color multi-function display 18989
Malic, R.A. *see* Chiang, C.-M. 10878
Malicsko, L., Dekany, A., Erfurth, W. On structural damages induced in photorefractive processes in $LiNbO_3$:Fe crystals 32971
Malide, C. *see* Podaru, C. 48702
Maliepaard, M.C. *see* Voinigescu, S.P. 21923
Malik, A.S., Cory, B.J. Efficient algorithm to optimise the energy generation by pumped storage units in probabilistic production costing 9129
Malik, I.J. *see* Hymes, D.J. 42490
Malik, I.J. *see* Krusell, W.C. 42471
Malik, J., Forsyth, D.A., Fleck, M.M., Greenspan, H., Leung, T., Carson, C., Belongie, S., Bregler, C. Finding objects in image databases by grouping 57316
Malik, J. *see* Taylor, C.J. 25771
Malik, J. *see* Weber, J. 46074
Malik, M.A. *see* O'Brien, P. 40318
Malik, M.A. *see* Taudt, W. 40588
Malik, M.Manzar *see* Manzar Malik, M.
Malik, N.H. *see* Mufti, A.H. 13309
Malik, O.P. *see* Abou-El-Ela, M.S. 19746
Malik, O.P. *see* Hariri, A. 19228
Malik, O.P. *see* Mahfouz, A.A. 51027
Malik, O.P. *see* Rafee, N. 19079
Malik, O.P. *see* Sanaye-Pasand, M. 19128
Malik, O.P. *see* Sanaye-Pasand, M. 19323
Malik, O.P. *see* Shamsollahi, P. 19718
Malik, O.P. *see* Stroev, V.A. 60260
Malik, O.P. *see* Yuming Zeng 19130
Malik, R., Gulari, E., Bhattacharya, P., Linder, K.K., Rieh, J.-S. Very high ($>10^{19}$ cm^{-3}) in situ n-type doping of silicon during molecular beam epitaxy using supersonic jets of phosphine 42380
Malik, R., Whangbo, T. Angle densities and recognition of 3D objects 25623
Malik, R. *see* Canali, C. 2593
Malik, R.J., Hamm, R.A., Kopf, R.F., Ryan, R.W., Montgomery, R.K., Lin, J., Humphrey, D.A., Tate, A., Chen, Y.K. Self-aligned thin emitter C-doped base InP/InGaAs/InP DHBT's for high speed digital and microwave IC applications 1736
Malik, S. *see* Ashar, P. 11357
Malik, S. *see* Luiten, A.N. 48500
Malik, S. *see* Mfke Tien-Chien Lee 31327
Malik, S. *see* Singhal, V. 11364
Malik, S. *see* Tiwari, V. 21614
Malik, S. *see* Tiwari, V. 53325
Malik, S. *see* Vasudevan, N. 49966
Malik, S. *see* Vasudevan, N. 49967
Malik, S.K. *see* Singh, P. 54114
Malik, T.A. *see* Dizhur, E.M. 22349
Malik, U. *see* Downey, S. 20932
Malik, Z. *see* Ruowen Rong 44972
Malikov, I.V. *see* Mikhailov, G.M. 21316
Malikova, L. *see* Leibovitch, M. 54160
Malimon, A.N. *see* Domnin, Y.S. 48337
Malimon, A.N. *see* Domnin, Yu.S. 27203
Malin, J.I., Meyer, J.R., Felix, C.L., Hoffman, C.A., Goldberg, I., Bartoli, F.J., Lin, C.-H., Chang, P.C., Murry, S., Yang, R.Q., Pei, S.-S. Mid-IR type-II quantum well lasers with improved temperature characteristics 3891
Malin, J.I. *see* Sengupta, D.K. 7342
Malin, J.I. *see* Sengupta, D.K. 27577
Malin, J.I. *see* Sengupta, D.K. 27579
Malin, J.I. *see* Sengupta, D.K. 48666
Malin, J.I. *see* Sengupta, D.K. 54326
Malina, I.G. *see* Aleshkin, V.Ya. 2192
Malina, R.F. *see* Abedini, A. 8287
Malina, R.F. *see* Kronberg, F. 6033
Maliniak, D. Power-device packaging beats the heat 21477
Malinin, V.I., Tyukov, V.A. Analysis of electromagnetic motor mechanical work 9158
Malinin, V.I., Tyukov, V.A. Analysis of mechanical work in electromagnetic motors 29220
Malinin, V.V., Faleev, A.V. Optoelectronic systems for orientation from a star field 8224
Malinovsky, I. *see* Titov, A. 13973
Malinovsky, I. *see* Titov, A. 13974
Malinovsky, I. *see* Titov, A. 44686
Malinovsky, I. *see* Titov, A. 58607
Malinovsky, V.K. *see* Kanaev, I.F. 14426
Malinovsky, V.S. Transient coherent phenomena in systems with spectral diffusion 14399
Malinowska, B., Cassir, M., Devynck, J. Alkali insertion within NiO/Ni electrode in contact with molten Li_2CO_3-K_2CO_3 and Li_2CO_3-Na_2CO_3-K_2CO_3 at 650°C 29608
Malinowska, B. *see* Cassir, M. 19996
Malinowski, A. *see* Bennett, P.J. 17828
Malinowski, A. *see* Grzenkowicz, A. 19221
Malinowski, J. Optimal maintenance policy for a three-state reliability system with bounded sojourn time in the initial state 52370
Malinowski, J. *see* Ahlgren, D.C. 43253
Malinowski, J. *see* Burghartz, J.N. 21947
Malinowski, J.C. *see* Sunderland, D.A. 22777
Malinowski, K. *see* Polley, R. 28438
Malinowski, M., Myziak, P., Piramidowicz, R., Pracka, I., Lukasiewicz, T., Surma, B., Kaczmarek, S., Kopczynski, K., Mierczyk, Z. Spectroscopic and laser properties of $LiNbO_3$:Dy^{3+} crystals 3735
Malinowski, M. *see* Kaczmarek, S. 14030
Malinowski, M.E. *see* Bondar, V.D. 48783
Malinowski, M.E. *see* Chakhovskoi, A.G. 55407
Malis, A.G. *see* Nair, R. 26262
Maliszewski, J. *see* Wudkiewicz, A. 16151
Malita, M. *see* Stefan, G. 53824
Malizia, F. *see* Fiorani, D. 3064
Maljkovic, Z., Kuterovac, L., Gasparac, I. Influence of turbogenerator set parameters on the calculation of shaft transient torsional strains 9152
Malkamaki, E. *see* Nikula, E. 47722
Malkani, M. *see* Bodruzzaman, M. 59398

Malkewitz, R. *see* Grosskopf, S. 25254
Malki, A. *see* Michel, L. 17428
Malki, E., Chabin, M., Husson, E., Proust, C., Morell, A. Dielectric studies of the electric field-induced phase transition in Ti-doped $Pb(Mg_{1/3}Nb_{2/3})O_3$ ceramics 2901
Malki, H. *see* Shireen, W. 51289
Malki, H.A. Development of applied analog and digital control system undergraduate course (lecture/lab) in engineering technology 9934
Malkiewicz, T.A. *see* Ringler, K.G. 38426
Malkin, R.A. The matched-pairs defibrillation efficacy hypothesis test 59753
Malkin, R.A. *see* Hui Li 49694
Malkina, I.G. *see* Avrutskii, I.A. 44545
Malkinski, L., Slawska-Waniewska, A. Barkhausen jumps in FeCrCuNbSiB nanocrystalline alloy 3077
Malkinson, T.J., Pittman, Q.J. Telemetry and the computational analysis of body temperature 18182
Malkinson, T.J. *(editor)* 1996 Canadian Conference on Electrical and Computer Engineering. Conference Proceedings. Theme: Glimpse into the 21st Century (Cat. No.96TH8157) 9792
Malko, J. Short term electric load forecasting case study: power system of Poland 19261
Mall, R.Krishnamoorthy *see* Krishnamoorthy Mall, R.
Malladi, D. *see* Abbott, J. 196
Malladi, D.P., Speyer, J.L. A generalized Shiryayev sequential probability ratio test for change detection and isolation 39920
Malladi, R., Sethian, J.A. Level set and fast marching methods in image processing and computer vision 56942
Mallak, L.A. Using information technology to leverage research productivity 9955
Mallat, S. *see* Bergeaud, F. 15921
Mallat, S. *see* Donoho, D.L. 34958
Mallat, S. *see* Gribonval, R. 36354
Mallat, S. *see* Kalifa, J. 25593
Mallem, M., Shaheen, M., Dourille, X., Chavand, F. A matching method between an image and its 3-D model using a geometric constraint approach based on contact 46517
Mallener, W. *see* Quadakkers, W.J. 38957
Mallet, J.-L. *see* Launay, L. 8046
Mallet, J.-L. *see* Launay, L. 18379
Mallet, P. *see* Davriu, A. 50487
Mallet, P. *see* Trogneux, F. 8845
Mallette, L. *see* Bloch, M. 28537
Mallette, L.A. *see* Bhaskar, N.D. 17165
Malleus, P. *see* Elmasri, A. 9343
Malleus, P. *see* Elmasri, A. 60907
Malliani, A. *see* Porta, A. 37816
Malliani, A. *see* Porta, A. 49636
Malliaras, G.G. *see* Veenstra, S.C. 23682
Mallick, A.K. *see* Banerjee, G. 34070
Mallick, A.K. *see* Das, B.N. 4188
Mallick, A.K. *see* Prithviraj, V. 4396
Mallick, G.T., Jr. Ramp rate sensitivity in accelerator magnets 43862
Mallick, R. *see* Chia, M. 60450
Mallik, K.K. *see* Banerji, P. 41988
Mallik, U. *see* Bamberger, A. 7787
Mallik, U. *see* Bamberger, A. 37358
Mallinson, P., Daniels, D.J. Impulse radar mine detection 8615
Malliot, H.A. ER-2 IFSAR digital terrain matrix collection system 8409
Mallison, W.H. *see* Berkowitz, S.J. 3291
Mallon, C. *see* Felber, F.S. 60134
Mallon, T. *see* Jairath, R. 2387
Mallorqui, J.J., Joachimowicz, N., Broquetas, A., Bolomey, J.C. Quantitative images of large biological bodies in microwave tomography by using numerical and real data 7979
Mallot, H.A., Scholkopf, B. Learning of cognitive maps from sequences of views 4973
Malloy, B.A. *see* Bushey, D.E. 59998
Mallus, M.T. *see* Bruining, N. 28305
Malm, J.-O. *see* Deppert, K. 12241
Malmberg, C. *see* Daya, M. 16620
Malmivuo, J. Bioelectromagnetism 49368
Malmivuo, J., Suihko, V., Eskola, H. Sensitivity distributions of EEG and MEG measurements 37806
Malmivuo, J., Suihko, V., Eskola, H. Effect of cerebrospinal fluid on the sensitivity distribution of EEG and MEG 59708
Malmivuo, J. *see* Heinonen, T. 28280
Malmivuo, J. *see* Heinonen, T. 28282
Malmivuo, J. *see* Hyttinen, J. 49697
Malmivuo, J. *see* Kauppinen, P. 59601
Malmivuo, J. *see* Laarne, P. 59705
Malmivuo, J. *see* Lahtinen, A. 59710
Malmivuo, J. *see* Lehtinen, M. 59712
Malmivuo, J. *see* Lehtinen, R. 49660
Malmivuo, J. *see* Nousiainen, J. 28315
Malmivuo, J. *see* Suihko, V. 59720
Malmivuo, J. *see* Suihko, V. 59750
Malmivuo, J. *see* Takano, N. 49698
Malmivuo, J. *see* Vanttinen, H. 28316
Malmivuo, J. *see* Viik, J. 49661
Malmivuo, J. *see* Walker, S. 49512
Malmqvist, K. *see* Verikas, A. 56659
Malmqvist, L., Bogdanov, A.L., Montelius, L., Hertz, H.M. Liquid-target laser-plasma source for X-ray lithography 42881
Malmqvist, L., Rymell, L., Berglund, M., Hertz, H.M. Liquid-jet target for laser-plasma soft X-ray generation 7851
Malnes, E., Bjorna, N., Hansen, T.L. Anomalous echoes observed with the EISCAT UHF radar at 100-km altitude 56056
Malo, E. *see* Rahkonen, T. 1192
Maloberti, F., Rivoir, R. Design of a voltage-to-current converting interface for current-mode video signal processing applications 53360
Maloberti, F. *see* Baltes, H. 7316
Maloberti, F. *see* Francesconi, F. 1518
Maloberti, F. *see* Haberli, A. 17337
Maloberti, F. *see* Liberali, V. 58673
Maloberti, F. *see* Liberali, Y. 7484
Maloberti, F. *see* Perez-Aloe, R. 21799
Maloberti, F., Baschirotto, A., Liberali, V. *(editors)* 1996 IEEE-CAS Region 8 Workshop on Analog and Mixed IC Design Proceedings (Cat. No.96TH8223) 51935
Malocha, D.C. *see* Carter, S.E. 53427
Malocha, D.C. *see* Hachigo, A. 13382
Maloigne, C. *see* Faudemay, P. 46053
Maloletov, S.M. *see* Buryn, O.M. 24141
Malomed, B.A. Pulse propagation in a nonlinear optical fiber with periodically modulated dispersion: variational approach 43951
Malomed, B.A., Anderson, D., Berntson, A., Florjanczyk, M., Lisak, M. Decay of parametric solitons in a lossy medium with quadratic nonlinearity 14276
Malomed, B.A., Tasgal, R.S. The Raman effect and solitons in an optical fibre with general ellipticity 13573
Malomed, B.A., Uzunov, I.M., Golles, M., Lederer, F. "Two-stage" perturbation theory for bandwidth-limited amplification of optical solitons near the zero-dispersion point 55221
Malomed, B.A. *see* Cai, D. 23491
Malomed, B.A. *see* Goldobin, E. 43820
Malomed, B.A. *see* Golubov, A.A. 23404
Malomed, B.A. *see* Hatami-Hanza, H. 24100
Malomed, B.A. *see* Kaup, D.J. 13620
Malone, C. *see* Cole, B. 28506
Malone, D.W., Hummel, R.E. Electromigration in VLSI metallization test structures stressed over a range of DC pulse conditions and frequencies up to 133 MHz 42762
Malone, J.F. *see* O'Hare, N.J. 7891
Malone, N.S., Davenport, F.T. Electric trace heating–the evolution of an industry 20226
Malone, R. *see* Liu, Y. 36998
Malone, T.P. *see* Haggerty, N.K. 51883
Maloney, J.G., Kesler, M.P., Shirley, B.L., Smith, G.S. A simple description for waveguiding in photonic bandgap materials 56091
Maloney, J.G. *see* Shlager, K.L. 34302
Maloney, T.J., Dabral, S. Novel clamp circuits for IC power supply protection 21479
Maloney, T.J., Vu, Q.T. T-matrix de-embedding of IC metal transmission lines to 18 GHz 14655
Maloney, T.J. *see* Clark, N.K. 32368
Malonga, F., Bertho, D., Jouanin, C. Tight-binding study of strained ZnTe-ZnSe superlattices, determination of the offset by comparison with experimental data 22357
Malouche, Z., Macchi, O. Extended anti-Hebbian adaptation for unsupervised source extraction 15386
Malov, A.N. *see* Konop, S.N. 4122
Malov, S.N. Implementation of image subtraction based one scaled specklograms 35056
Malov, V.I. *see* Gimel'farb, G.L. 18780
Malow, B.A., Kushwaha, R., Xihong Lin, Morton, K.J., Aldrich, M.S. Relationship of interictal epileptiform discharges to sleep depth in partial epilepsy 59638
Malozemoff, A.P. *see* Aized, D. 43767
Malraison, B. *see* Lee, T.S. 23102
Malrieu, S., Toureille, A. The characterisation and comparison of different materials using the thermal step method 32705
Malsawma, L. *see* Jensen, K.L. 41770
Malsawma, L. *see* Phillips, P.M. 31702
Malsburg, C.von der *see* von der Malsburg, C.
Mal'shakov, A.N., Potemkin, A.K. Nonlinear distortion of laser beams by transparent optical filters 24067
Malshe, A.P. *see* Brown, W.D. 40530
Malshe, A.P. *see* Pawar, M.R. 10884
Malta, C.P. *see* Pakdaman, K. 37830
Malta, D.P. *see* Humphreys, T.P. 41742
Maltby, C.A., Brennan, A. Smart actuators in automotive applications 29861
Mal'tcev, V.P. *see* Kalinin, A.V. 56140
Maltese, P., Beccherelli, R., Bernardini, F., Wnek, M., Zuliani, F. Measurements of image sticking and hysteresis in SSFLC cells 48766
Maltese, P., Campoli, F., D'Alessandro, A., Foglietti, V., Galbato, A., Galloppa, A., Rafaelli, G., Wnek, M. A construction for an analog grey scale SSFLC display 48772
Maltese, P. *see* d'Alessandro, A. 7507
Maltese, P. *see* Matuszczyk, M. 48767
Maltinti, P., Mandorino, G., Mbah, D.M., Sgamma, M. OSI system and application management: an experience in a public administration context 35718
Maltoni, D. *see* Maio, D. 5626
Mal'tsev, A.A., Mal'tsev, M.A. Infrared synchrotron diagnostics of the beams of electron-positron storage rings 28001
Mal'tsev, A.A., Mal'tsev, M.A. Infrared synchrotron accelerator diagnostics: possibilities and prospects 59181
Mal'tsev, A.A. *see* Belyakov, A.A. 15262
Mal'tsev, A.A. *see* Lebedev, A.A. 10680
Maltsev, A.N. *see* Korolev, V.S. 3700
Mal'tsev, B.K., Malevinskii, G.V. Safety analysis of nuclear power stations: objectives and ways for ensuring safety 29018
Mal'tsev, M.A. *see* Mal'tsev, A.A. 28001
Mal'tsev, M.A. *see* Mal'tsev, A.A. 59181
Mal'tsev, P.P. *see* Georgievskii, A.M. 31513
Mal'tsev, V.K. *see* Kim, P.D. 3182
Malucci, R.D. Impact of fretting parameters on contact degradation 11807
Maluf, N.I., Kovacs, G.T.A., Gee, D. Recent advances in medical applications of MEMS 23058
Maluf, N.I. *see* Noworolski, J.M. 12717
Maluf, N.I. *see* Noworolski, J.M. 32570
Malusa, A. *see* Crasta, C. 10240
Malvache, N. *see* Guerra, T.M. 432
Malvache, P. *see* Haubensack, D. 60487
Malvar, H.S. Extended cosine bases and applications to audio coding 14848
Malvar, S. *see* Bonal, J. 30168
Malvar, S. *see* Bonal, J. 43191
Malveaux, E.J. *see* Faber, T.L. 37738
Malvestio, M. *see* Gennaro, G. 37668
Malvezzi, M. *see* Giammanco, F. 55901
Malvicino, C. Sensors in automotive applications 61309
Maly, K., Wild, C., Overstreet, C.M., Abdel-Wahab, H., Gupta, A., Youssef, A., Stoica, E., Talla, R., Prabhu, A. Virtual classrooms and interactive remote instruction 39623
Maly, K. *see* Kelkar, S. 26718
Maly, M. *see* Williams, T.W. 32550
Maly, P. *see* de Notaristefani, F. 28228
Maly, S.V. The numerical technique for analysis of the electromagnetic scattering by complicated periodic structures 45100
Maly, W. New and not-so-new challenges of the next decade 48360
Maly, W., Heineken, H., Khare, J., Nag, P.K. Design for manufacturability in submicron domain 13090
Maly, W., Ouyang, C., Ghosh, S., Maturi, S. Detection of an antenna effect in VLSI designs 32512
Maly, W. *see* Gaitonde, D.D. 32535
Maly, W. *see* Gattiker, A. 23001
Maly, W. *see* Heineken, H.T. 13086
Maly, W. *see* Khare, J. 2752
Maly, W. *see* Marchok, T.E. 1244
Maly, W. *see* Marchok, T.E. 7177
Maly, W. *see* Nag, P.K. 54773
Maly, W. *see* Ouyang, C.H. 32534
Maly, W.P. *see* Elias, A. 39890
Malyarevich, A.M., Yumashev, K.V., Prokoshin, P.V., Posnov, N.N., Mikhailov, V.P., Gurin, V.S., Artemyev, M.V. Bleaching effect in nanosized chromogenic WO_3 under picosecond excitation 14386
Malyarevich, A.M. *see* Yumashev, K.V. 33612
Malyarevich, A.M. *see* Yumashev, K.V. 44675
Malyarov, A.V. *see* Dalinenko, I.N. 27145
Malyshenko, Yu.V. Estimation of the test completeness of devices with analog controllable parameters 48275
Malyshev, A.V., Merkulov, I.A., Rodina, A.V. Theory of acceptor-ground-state description and hot photoluminescence in cubic semiconductors 41972
Malyshev, K.V. *see* Georgievskii, A.M. 31513
Malyshev, V. *see* Bassalygo, L. 45492
Malyshev, V.M. *see* Aulchenko, V.M. 37243
Malyshev, V.M. *see* Pavese, F. 48298
Malyshkin, V., Simeonov, S., McGurn, A.R., Maradudin, A.A. Determination of surface profile statistics from electromagnetic scattering data 27912
Malyukhov, V. *see* Doberstein, S. 35985
Malzac, J.-P. *see* Genty, F. 24013
Malzac, J.P., Masri, P., Contreras, S., Camassel, J., Podlecki, J., Giani, A., Pascal-Delannoy, F., Gouskov, L. Investigation of state of the art GaSb on GaAs 10712
Malzac, J.P., Royo, F., Masri, P., Camassel, J., Podlecki, J., Pascal-Delannoy, F., Giani, A. Heteroepitaxy of GaAsSb on InP 10713
Malzac, J.P. *see* Grasdepot, F. 36766
Mamada, H. *see* Emi, K. 7794
Mamada, M. *see* Amamiya, Y. 1713
Mamaev, A.V., Saffman, M. Optical vortex patterns in a unidirectional ring oscillator 55752
Mamaev, A.V., Saffman, M. Modulational instability and pattern formation in the field of noncollinear pump beams 55829
Mamaev, A.V., Saffman, M., Zozulya, A.A. Vortex evolution and bound pair formation in anisotropic nonlinear optical media 4088
Mamaev, A.V., Saffman, M., Zozulya, A.A. Decay of high order optical vortices in anisotropic nonlinear optical media 44688
Mamaev, M.A. *see* Vorobyev, V.V. 17477
Mamaev, Yu.A. *see* Gelikonov, V.M. 14215
Mamaev, Yu.A. *see* Konoplev, Yu.N. 23646

Mamalis, A.G., Vajda, I., Szalay, A., Kotsis, I., Pantazopoulos, G. Some small-scale high-temperature superconducting models for applications in electricity and transportation 43877
Mamani, N. *see* Moshchinskii, Yu.A. 29316
Mambo, M., Okamoto, E. Proxy cryptosystems: delegation of the power to decrypt ciphertexts 24797
Mambo, M., Sakurai, K., Okamoto, E. How to utilize the transformability of digital signatures for solving the oracle problem 4570
Mambo, M. *see* Peralta, R. 56355
Mambo, P. *see* Cai, K.Z. 58204
Mamedbeili, I.A. *see* Kalafi, M. 3576
Mamedbeili, I.A. *see* Salmanov, V.M. 33608
Mamedov, V.V. *see* Ataev, B.M. 886
Mamedova, L.F. *see* Litvin, V.I. 20281
Mamin, H.J. *see* Chui, B.W. 2862
Mamin, H.J. *see* Terris, B.D. 22629
Mamin, R.F. *see* Greznev, Yu.S. 54910
Mamishev, A., Zahn, M. Techniques for semi-empirical characterization of material and sensor properties in interdigital dielectrometry 13203
Mamishev, A. *see* Washabaugh, A.P. 23249
Mamishev, A.V., Zahn, M., Lesieutre, B.C., Berdnikov, B.A. Influence of geometric parameters on characteristics of an interdigital dielectrometry sensor 36523
Mamishev, A.V. *see* Du, Y. 9312
Mamiya, M. *see* Ohno, S. 33725
Mamiya, M. *see* Takei, H. 32978
Mamiya, N. *see* Murata, S. 48249
Mammana, C.I.Z., Oliveira, S.H.M., Quijano, A.A. An experience in the dissemination of microelectronics in Latin America 9863
Mammeri, M., Laurent, C., Nedjar, M. Dynamics of voltage polarity reversal as the controlling factor in space-charge induced breakdown of insulating polymers 54959
Mammeri, Z., Akazan, J. Integration of time constraints in MMS: towards a real-time MAP profile 16294
Mammone, R. *see* Sharma, M. 15131
Mammone, R.J. *see* Zilovic, M.S. 24842
Mammosser, J. *see* Hovater, C. 37107
Mamoli, B. *see* Finsterer, J. 28314
Mamontov, A.M. *see* Ryzhkov, V.N. 17365
Mamontov, E.V. *see* Tolstoguzov, A.B. 27424
Mamor, M. *see* Meyer, F. 12553
Mamosaki, E. *see* Ji Wang 13330
Mamouni, A. *see* Derobert, X. 36858
Mamouni, H.El *see* El Mamouni, H.
Mampaey, M. *see* Hellemans, P. 26046
Mampaey, M. *see* Jorgensen, M. 57996
Mampel, D. *see* Fettweis, G.P. 47756
Mampel, D. *see* Nandi, A.K. 52921
Mamyshev, P.V., Mollenauer, L.F. Wavelength-division-multiplexing channel energy self-equalization in a soliton transmission line by guiding filters 6764
Mamyshev, P.V. *see* Mollenauer, L.F. 3397
Man, B.De *see* De Man, B.
Man, H.C. *see* Ho, C.K. 40501
Man, H.De *see* De Man, H.
Man, H.J.De *see* De Man, H.J.
Man, K.F. *see* Comford, S.L. 37944
Man, K.F. *see* Poon, Y.H. 32096
Man, K.F. *see* Tang, K.S. 4713
Man, K.F. *see* Tang, K.S. 11215
Man, P.F., Gogoi, B.P., Mastrangelo, C.H. Elimination of post-release adhesion in microstructures using conformal fluorocarbon coatings 40567
Man Chak Tang, Carothers, J.D. Multichip module placement with heat consideration 12054
Man Defa *see* Yu Zhu 44789
Man Feng, Goodenough, J.B., Keqin Huang, Milliken, C. Fuel cells with doped lanthanum gallate electrolyte 29609
Man Feng *see* Keqin Huang 20015
Man Han Tae *see* Tae Man Han
Man Ho Song *see* Yun Hi Lee 58927
Man Hon Wong *see* Fong, C.C.F. 57861
Man Kim Hong *see* Hong Man Kim
Man Kit Wong *see* Fung, S.K.H. 22820
Man Kwak Byung *see* Byung Man Kwak
Man Lee Sang *see* Sang Man Lee
Man Lee Sung *see* Sung Man Lee
Man Pio Lam, Kornegay, K.T., Cooper, J.A., Jr., Melloch, M.R. Planar 6H-SiC MESFETs with vanadium implanted channel termination 54705
Man Shing Wong *see* Feng Pan 24156
Man Tak Huh, Ki Gon Nam, Jae Chang Kim, Jong Hyeok Lee, Gil Jung Kim, Tae Hoon Yoon, Oi Yul Park Improving the algorithm of a diffusion filter using a difference network and quantitative analysis of band pass characteristics 15221
Man Wai Sing *see* Wai Sing Man
Man Yongzai *see* Zhang Shukui 23872
Man Yu Kin *see* Kin Man Yu
Man-Fai Wong *see* Guillouard, K. 21899
Man-Fai Yu, Darnauer, J., Dai, W.W.-M. Interchangeable pin routing with application to package layout 13088
Man-Fang Huang *see* Kuo, Y.-K. 3763
Man-Fang Huang *see* Yen-Kuang Kuo 3776
Man-Ho Song *see* Yun-Hi Lee 17710
Man-Hong Zhang *see* Zhang Man-Hong
Man-Yeong Jeon, Dong-Yong Kwak, Hong-Shik Park Implementation of a peak cell rate policer using the virtual scheduling algorithm 5959
Man-Young Sung *see* Cheol-Jin Lee 2560
Man-Young Sung *see* Cheol-Jin Lee 23692
Man-Young Sung *see* Woo-Beom Choi 54320
Mana, F. *see* Albesano, D. 56402
Mana, G. *see* Bergamin, A. 37573
Mana, G. *see* Cordiali, L. 24313
Manaa, H. *see* Moncorge, R. 3991
Manabe, K. *see* Mori, T. 31811
Manabe, T., Ihara, T., Kato, A., Sato, K., Saito, H. Wideband millimeter-wave channel sounder and indoor propagation experiment at 60 GHz 57881
Manabe, T., Kotani, T., Morimitsu, T. Joint shape parameter estimation for an underground telecommunication conduit based on acoustic reflection model 20971
Manabe, T. *see* Kozu, T. 28635
Manabe, T. *see* Miura, Y. 58110
Manabe, Y., Inokuchi, S. Recognition of material types using spectral image 5305
Manabe, Y. *see* Hayashi, S. 30749
Manabe, Y. *see* Xin, Z. 25713
Manaf, A.A., Sulong, G., Duin, R.P.W., Hamdan, A.R. Nearest prototype (NP) classifier in a 2-D symbol recognition system 35303
Manahan, B. *see* Chang, Y.-W. 60163
Manaila, R. *see* Ciurea, M.L. 41877
Manak, D. *see* Shen-en Qian 15973
Manak, I.S. *see* Afonenko, A.A. 23992
Manako, S. *see* Nakahara, Y. 2807
Manalis, S.R., Minne, S.C., Atalar, A., Quate, C.F. Interdigital cantilevers for atomic force microscopy 13192
Manalis, S.R. *see* Minne, S.C. 54544
Manalo-Smith, N., Smith, G.L. Analytic forms of bidirectional reflectance functions for Earth radiation budget studies 8297
Manapov, R.A. *see* Sinyavskii, V.I. 21544
Manara, G., Monorchio, A., Reggiannini, R. A space-time discretization criterion for a stable time-marching solution of the electric field integral equation 45044
Manara, G., Nepa, P., Ottaviano, G.M. A UTD solution for surface and leaky wave diffraction at the edge of a metallic wedge with a material coating 33943
Manara, G. *see* Kouyoumjian, R.G. 14586
Manara, G. *see* Monorchio, A. 33977
Manara, G. *see* Pelosi, G. 33984
Manara, G. *see* Pelosi, G. 45047
Manara, G. *see* Pelosi, G. 45052
Manara, G. *see* Pelosi, G. 56035
Manaresi, N., Rovatti, R., Franchi, E., Guerrieri, R., Baccarani, G. A silicon compiler of analog fuzzy controllers: from behavioral specifications to layout 1635
Manarin, A. *see* Cocq, D. 37070
Manasreh, M.O., Huang, D., Gumbs, G. Theoretical modeling of the intersubband transitions in $Al_{0.3}Ga_{0.7}As$-GaAs semiconductor quantum wells 42177
Manasreh, M.O. *see* Danhong Huang 2148
Manasreh, M.O. *see* Huang, D. 2053
Manasreh, M.O. *see* Huang, D. 36551
Manassah, J.T., Gross, B. The spatio-temporal dynamics of a pulse propagating in the quasi-Kerr regime of a two-level resonant medium 44701
Manassah, J.T., Gross, B. The spatiotemporal superspike in a saturable Kerr medium 55900
Manassen, A., Cohen, E., Ron, A., Linder, E., Pfeiffer, L.N. Exciton and trion spectral line shape in the presence of an electron gas in GaAs/AlAs quantum wells 2209
Manasson, V., Sadovnik, L., Mino, R. MMW scanning antenna 4357
Manasson, V.A., Sadovnik, L.S., Parker, J.H., Jr Laser warning receiver based on coherence discrimination 8699
Manasson, V.A., Sadovnik, L.S., Spariosu, K. A compact version of an optically scanning MMW antenna: feeder design 45476
Manca, A. *see* Capodiferro, L. 25608
Manca, A. *see* Jacovitti, G. 25599
Manceau, J.-F., Robert, L., Bastien, O., Oytana, C., Biwersi, S. Measurement of residual stresses in a plate using a vibrational technique-application to electrolytic nickel coatings 17808
Manchado, J.S.Martin *see* Martin Manchado, J.S.
Manchester, G. Connector for video and audio data 31566
Mancic, D. *see* Stefanovic, D. 40667
Mancini, A., Bosco, B. Decontamination of large components–test case 19496
Mancini, A.M. *see* Lovergine, N. 40395
Mancini, A.M. *see* Mazzer, M. 40479
Mancini, E. *see* Bertolucci, E. 37628
Mancini, P. *see* Regolo, C. 16937
Mancini, P.L. *see* Vincent, N. 50075
Mancini, R., Zabar, Z., Birenbaum, L., Levi, E., Hajagos, J., Kalinowsky, S. An area substation load model in the presence of harmonics 9456
Mancini, S. *see* D'Ariano, G.M. 15839
Mancini, S. *see* Luiten, A.N. 48500
Mancini, T.A. *see* Wolff, L.B. 48682
Mancusi, J.E. *see* Cha-Mei Tang 22149
Mand, G.S. *see* Burriesci, L.G. 28545
Mandache, C., Acsente, T., Bengulescu, M. Research on the cesium cold atoms at the Institute for Atomic Physics in Bucharest, Romania 48319
Mandai, H., Nakajima, N., Tonegawa, K. Advanced ceramic multilayer functional packages for telecommunications equipment 16604
Mandai, H. *see* Fukae, T. 27918
Mandai, H. *see* Sogawa, T. 9707
Mandai, M. *see* Ikeda, H. 59310
Mandai, M. *see* Shin-ogi, M. 48487
Mandal, B.N., Banerjea, S., Kanoria, M. The rolling ship problem–revisited 40244
Mandal, C., Zimmer, R.M. Use of multi-port memories in programmable structures for architectural synthesis 21688
Mandal, C.A., Chakrabarti, P.P., Ghose, S. Design space exploration for data path synthesis 52975
Mandal, D.K. *see* Siddagangappa, M.C. 13262
Mandal, D.P. An MLP based approach for computing the shape of a pattern class 46168
Mandal, J.K., Sinha, A.K. Hierarchical dynamic state estimation incorporating measurement function nonlinearities 19057
Mandal, K., Dufour, D., Krause, T.W., Atherton, D.L. Investigations of magnetic flux leakage and magnetic Barkhausen noise signals from pipeline steel 55022
Mandal, K., Dufour, D., Sabet-Sharghi, R., Sijgers, B., Micke, D., Krause, T.W., Clapham, L., Atherton, D.L. Detection of stress concentrations around a defect by magnetic Barkhausen noise measurements 1007
Mandal, M.K., Panchanathan, S., Aboulnasr, T. Choice of wavelets for image compression 5432
Mandal, M.K. *see* Grzeszczak, A. 1471
Mandal, P., Visvanathan, V. A self-biased high performance folded cascode CMOS op-amp 53050
Mandalam, K.R. *see* Ramachandran, T. 8128
Mandanis, G. *see* Lilien, J.L. 50634
Mandarini, P., Cusani, R., Baccarelli, E., Galli, S. Combined optimization of transmitting and receiving filters for crosstalk suppression on twisted-pair wirings 6436
Mandarini, P. *see* Di Benedetto, M.-G. 5798
Mandayam, N.B. *see* Pi-Chun Chen 47648
Mandel, J., Brezina, M. Balancing domain decomposition for problems with large jumps in coefficients 10553
Mandel, J. *see* Zhiqiang Cai 40220
Mandel, P. *see* Koryukin, I.V. 14208
Mandel, P. *see* Pieroux, D. 14212
Mandel, P. *see* Viktorov, E.A. 23861
Mandelbaum, A. *see* Jennings, O.B. 10249
Mandelbaum, D.M. On cyclically time varying autoregressive digital filters 45849
Mandelbaum, R. *see* Kamberova, G. 17792
Mandelis, A., Da Silva, C.A. Quantitative in-situ photopyroelectric spectroscopy of optoelectronic quantum structures. Theory and experiment with $Al_{0.6}Ga_{0.4}As$/GaAs quantum wells 42145
Mandelis, A., Funak, F., Munidasa, M. Generalized methodology for thermal diffusivity depth profile reconstruction in semi-infinite and finitely thick inhomogeneous solids 1006
Mandelis, A., Nestoros, M., Christofides, C. Thermoelectronic-wave coupling in laser photothermal theory of semiconductors at elevated temperatures 41886
Mandelis, A. *see* Othonos, A. 46453
Mandelis, A. *see* Salnick, A. 54277
Mandelis, A. *see* Wagner, R.E. 48717
Mandell, M.J. *see* Cooke, D.L. 8223
Mandell, M.J. *see* Enloe, C.L. 44912
Mandelman, J.A., Barth, J.E., DeBrosse, J.K., Dennard, R.H., Kalter, H.L., Gautier, J., Hanafi, H.I. Floating-body concerns for SOI dynamic random access memory (DRAM) 21662
Mander, R.S. *see* Makrakis, D. 5841
Manderick, B. *see* Higuchi, T. 1289
Mandeville, W.J., Dinndorf, K.M., Champigny, N.E. Characterization of passively Q-switched microchip lasers for laser radar 6983
Mandisodza, R.L.K., Luke, D.M., Pochec, P. VLSI implementation of a neural network classifier 11634
Mandjavidze, I. *see* Bizeau, C. 57597
Mandjavidze, I. *see* Bystricky, J. 59318
Mandjes, M. Rare event analysis of batch-arrival queues 5831
Mandl, A., Klimek, D.E. Multipulse operation of a high average power, good beam quality zig-zag dye MOPA 23764
Mandl, A., Zavriyev, A., Klimek, D.E. Chirp control of a single-mode, good beam quality, zigzag dye laser 33396
Mandl, S., Brutscher, J., Gunzel, R., Moller, W. Inherent possibilities and restrictions of plasma immersion ion implantation systems 54361
Mandl, W., Kennedy, J., Chu, M. MOSAD IR focal plane per pixel A/D development 17467
Mando, P.A. *see* Taccetti, F. 59774
Mandolesi, R. *see* Cesarsky, C.J. 36548
Mandorino, G. *see* Maltinti, P. 35718
Mandrini, T. *see* Botti, E. 11200
Mandrioli, G. *see* Cecchini, S. 7822
Mandrus, D. *see* Sales, B.C. 2078
Mandry, J.E. *see* Horowitz, S.J. 298
Mandry, J.E. *see* Horowitz, S.J. 53740
Manduca, A. *see* Belohlavek, M. 18217
Manduchi, R. Some properties of generalized factorable 2-D FIR filters 24936
Mandyam, G., Ahmed, N. The discrete Laguerre transform: derivation and applications 15330
Mandyam, G., Ahmed, N., Magotra, N. Application of the discrete Laguerre transform to speech coding 14879

Mandyam, G., Ahmed, N., Srinath, M.D. Implementation of sub-aperture sampling into adaptive beamforming using the conjugate gradient algorithm 4884
Mandyam, G.D., Ahmed, N., Srinath, M.D. Adaptive beamforming based on the conjugate gradient algorithm 34724
Mandyam, G.D. *see* Ives, R.W. 6884
Mandziuk, J., Gorecki, C., Macukow, B. Cross absolute filter for removing speckle noise from interference patterns 3557
Manea, S.A. *see* Grigorescu, C.E.A. 48565
Maneatis, J.G. Low-jitter process-independent DLL and PLL based on self-biased techniques 1548
Maneesha, Khanna, M.K., Hadlar, S., Gupta, R.S. An empirical fringing capacitance dependent threshold voltage model for non-uniformly doped submicron MOSFETs 2681
Manenkov, A.A. *see* Kravchenko, Ya.V. 23761
Manenschijn, A., Veen, A.v., De Moor, M.W. Ar desorption from OsRu coated cathodes (L6) 53910
Manenschijn, A. *see* Van der Gon, A.W.D. 53908
Manes, C. *see* Dalla Mora, M. 34843
Manes, G. *see* Avitabile, G. 16901
Manes, G. *see* Avitabile, G. 41464
Manesse, G. *see* Berkouk, M. 51358
Manetti, S. *see* Fedi, G. 11061
Maneux, C., Labat, N., Saysset, N., Touboul, A., Danto, Y., Dangla, J., Launay, P., Dumas, J.-M. Analysis of the surface base current drift in GaAs HBT's 2590
Manev, V. *see* Moshtev, R. 29535
Manevich, LZ. *see* Mazhbich, B.I. 59603
Maney, H. *see* O'Brien, J. 8664
Manfra, M.J. *see* Le, H.Q. 14089
Manfredi, C. *see* Fort, A. 8019
Manfredi, G. *see* Aiello, S. 1483
Manfredi, M. *see* Canali, C. 2593
Manfredi, M. *see* Meneghesso, G. 43152
Manfredi, P.F., Re, V., Speziali, V. JFET-based monolithic preamplifiers for spectrometry applications 37494
Manfredi, P.F. *see* Aulchenko, V.M. 37243
Manfredi, P.F. *see* Bauer, C. 37326
Manfredi, P.F. *see* Bauer, C. 37378
Manfredi, P.F. *see* Quaranta, A.A. 37329
Manfredotti, C., Fizzotti, F., Amato, G. Light-emitting nanocrystalline silicon by low-pressure chemical-vapor deposition of disilane 40519
Manfredotti, C., Fizzotti, F., Polesello, P., Trapani, P.P., Vittone, E., Jaksic, M., Fazinic, S., Bogdanovic, I. Investigation on the electric field profile in CdTe by ion beam induced current 37318
Manfredotti, C., Fizzotti, F., Polesello, P., Vittone, E. A realistic simulation of gamma-ray detectors 37320
Manfull, D.E. *see* Reick, G.G. 41659
Mang, L., Hickernell, F. ZnO thin film resonator lattice filters 11695
Mang, X. *see* Gelenbe, E. 25859
Mang Cao *see* Yong-Jun Wu 33781
Mang On-Yang *see* Jin-Shown Shie 17395
Mang Yan Pong *see* Pong Mang Yan
Mang Yanping *see* Xiang Shiqing 33376
Mangalagiu, I., Baban, C., Mardare, D., Rusu, G.I., Rusu, M. On the electrical properties of some new stable disubstituted ylides in thin films 42032
Mangalaraj, D. *see* Gurumurugan, K. 871
Mangalvedhe, N.R., Reed, J.H. An eigenstructure technique for soft synchronization of DSSS signals 16553
Mangalvedhe, N.R., Reed, J.H. Analysis of an eigenstructure technique for DSSS synchronization 45483
Mangamma, G. *see* Jayaraman, V. 27759
Manganaro, G. *see* Arena, P. 1097
Manganas, A. *see* Sandini, G. 26072
Mangano, A. *see* Agnetta, G.A. 18096
Mangasarian, O.L. *see* Street, W.N. 46343
Mangat, P.S. *see* Semond, F. 2239
Mange, D., Goeke, M., Madon, D., Stauffer, A., Tempesti, G., Durand, S., Marchal, P., Nussbaum, P. Embryonics: a new family of coarse-grained field-programmable gate array with self-repair and self-reproducing properties 1288
Mangeas, M., Weigend, A.S., Muller, C. Forecasting electricity demand using nonlinear mixture of experts 60337
Mangel, H., Wetzer, P., Kauffmann, J.M. Modelling and simulation of a two-axis excitation generator controlled by a voltage regulator 38715
Mangelsdorf, C. *see* Nakamura, K. 5270
Mangeot, D. *see* Girault, M. 48590
Manger, C. *see* Hazebrouck, D. 830
Manger, C. *see* Hazebrouck, D. 30856
Manger, D. *see* Faltermeier, C. 52766
Mangeret, R., Carriere, T., Beaucour, J., Jordan, T.M. Effects of material and/or structure on shielding of electronic devices 20906
Manges, B. *see* Ellis, S.R. 48780
Manghi, F. *see* Magri, R. 54247
Mangiavacchi, C. Measurement expert systems 7150
Mangione-Smith, B. *see* Villasenor, J. 25485
Mangione-Smith, W., Ghang, P.S., Nazareth, S., Lettieri, P., Boring, W., Jain, R. A low power architecture for wireless multimedia systems: lessons learned from building a power hog 16466
Mangione-Smith, W.H. *see* Chien, C. 26232
Mangir, M.S. *see* Betin, A.A. 33594
Mangir, M.S. *see* Matthews, S.C. 33687
Mangir, M.S. *see* Rockwell, D.A. 24058
Mangir, T.E. Wireless via satellite: systems for personal/mobile communication and computation 35993
Mango, F. *see* Aschero, G. 8009
Mango, S., Palmer, N. Summary of results from the Known Good Devices Program 1870
Mango, S. *see* Campinell, B. 1874
Mango, S. *see* Van den Brandt, B. 37163
Mangstl, A. *see* Plath, M. 6069
Mangum, B.W., Pfeiffer, E.R., Strouse, G.F., Valencia-Rodriguez, J., Lin, J.H., Yeh, T.I., Marcarino, P., Dematteis, R., Liu, Y., Zhao, Q., Ince, A.T., Cakiroglu, F., Nubbemeyer, H.G., Jung, H.-J. Comparisons of some NIST fixed-point cells with similar cells of other standards laboratories 27206
Mangyou, A. *see* Gong, X.Y. 41935
Manhaeve, H., Svajda, M., Straka, B. Semi-digital off-chip I_{DDQ} monitor developments: towards a general-purpose digital current monitor 27817
Manhaeve, H. *see* Butas, J. 32544
Manhaeve, H. *see* Sidiropulos, M. 27419
Manheimer, W. *see* Meger, R.A. 4274
Manheimer, W.M. *see* Fliflet, A.W. 55745
Mani, N. Towards a cooperative multi-agent approach for computer aided VLSI design 21429
Mani, N. A two-way graph partitioning using a heuristic procedure 43180
Mani, N. *see* Kaminskyi, I. 20538
Mani, R., Nawab, S.H., Winograd, J.M., Evans, B.L. Integrated numeric and symbolic signal processing using a heterogeneous design environment 24899
Mani, R.G. Steady-state bulk current at high magnetic fields in Corbino-type GaAs/AlGaAs heterostructure devices 12357
Mani, S.S. *see* Singh, N.B. 10598
Manian, V., Vasquez, R. A framework for the recognition of scaled, translated and rotated objects using the short time Fourier transform 25354
Manian, V., Vasquez, R. A framework for object recognition in images using the short time Fourier transform 35247
Manias, S.N. *see* Ioannidis, G. 51332
Manias, S.N. *see* Kandianis, T. 51754
Manias, S.N. *see* Karvelis, G.A. 29823
Manias, S.N. *see* Karvelis, G.A. 51354
Maniatopoulos, A., Antonakopoulos, T., Makios, V. Design and implementation of a new synchronization method for high-speed cell-based network interfaces 6140
Maniatt, H.R., Al-Tai, M.A. The effect of corona and ohmic losses on surge overvoltages propagating along transmission systems 19413
Manickamdalli, R. *see* Tao, Y.-X. 293
Maniere, T. *see* Benosman, R. 4983
Maniere, T. *see* Guetari, S. 56897
Maniette, Y. *see* Andujar, J.L. 858
Maniewski, R. *see* Lewandowski, P. 49668
Maniewski, R. *see* Liebert, A. 18240
Manifacier, J.C., Ardebili, R. Current induced potential well in compensated semiconductors 41954
Manifacier, J.C. *see* Popescu, C. 42057
Manifavas, C. *see* Anderson, R. 57645
Manifold, S.M. *see* Murphy, B.T. 33884
Manigrasso, R., Furga, G.S., Tironi, E., Farini, A. Active filtering of traction drives fed by DC contact line 51785
Manikas, A., Ratnarajah, T., Jinsock Lee Evaluation of superresolution array techniques as applied to coherent sources 45728
Manikas, A. *see* Karaminas, P.D. 6527
Manikas, A. *see* Karimi, H.R. 15148
Maniki, S., Yu, C.X., Ippen, E.P., Haus, H.A. Relaxation oscillation behavior in polarization-additive mode-locked Er-doped fiber ring lasers 33415
Manikonda, A. *see* Breternitz, M. 1463
Manin, D., Everson, R., Sirovich, L. An EOF study of the Earth's ozone field 28622
Manione, R. *see* Lo Russo, G. 35612
Manione, R. *see* Lo Russo, G. 46936
Manivannan, D. *see* Jayasimha, D.N. 16126
Manivannan, G., Lessard, R.A., Pizzocaro, C., Bolte, M. Charge transfer phenomenon in holographic recording material: dichromated polyacrylic acid 55935
Manivel Raja, M., Narayanasamy, A., Ravichandran, V. ^{57}Fe Mossbauer effect and X-ray studies of Nd-Fe-Sn-B permanent magnetic materials 23295
Manjrekar, M., Venkataramanan, G. Control strategies for a hybrid static reactive compensator 19131
Manjrekar, M. *see* Johnson, B.K. 19326
Manjunath, B.S., Ma, W.Y. Browsing large satellite and aerial photographs 57317
Manjunath, B.S. *see* Hewer, G. 56990
Manka, C.K. *see* Elton, R.C. 33199
Manka, C.K. *see* Grun, J. 42360
Manka, J. *see* Cigan, A. 43785
Manka, J. *see* Zrubec, V. 49077
Mankel, R. Online track reconstruction for HERA-B 37436
Mankelevich, Y.A., Rakhimov, A.T., Suetin, N.V., Kostyuk, S.V. Diamond deposition in plasma activated CVD reactors. Two-dimensional modeling 52790
Mankelevich, Yu.A. *see* Ivanov, V.V. 9717
Mankiewich, P.M. *see* Korenivski, V. 7529
Man'kina, N.N., Pauli, V.K., Zhuravlev, L.S. Generalization of industrial experience in introducing steam-water-oxygen cleaning and passivation 19541
Mankins, J.C. A fresh look at space solar power 19635
Man'ko, V.I. *see* Akimov, V.A. 28024
Manko, V.I. *see* Tamulaitis, G. 3589
Man'ko, V.S., Khabibullin, I.G., Andreev, V.A., Shishkina, N.S. Protective coatings for semiconductor temperature sensors 17269
Mankoo Lee A fringing and coupling interconnect line capacitance model for VLSI on-chip wiring delay and crosstalk 2781
Mankos, M. *see* Cowley, J.M. 33737
Mankov, V. *see* Starbova, K. 30908
Mankovicky, S. *see* Ondris, L. 60500
Mankowski, J.J. *see* Agee, F.J. 54888
Manku, T. *see* Lu, Y. 43727
Manley, M. *see* Karnett, M. 43311
Manlick, R.M. *see* Fichtenbaum, M.L. 47473
Manlief, M. *see* Gamble, B. 60438
Manly, S. *see* Abe, K. 37234
Manly, S. *see* Abe, K. 59233
Mann, A. *see* Johnson, R.B. 28712
Mann, A.G. *see* Notcutt, M. 24040
Mann, A.G. *see* Taylor, C.T. 24038
Mann, C.M. *see* Turcu, I.C.E. 42883
Mann, D. *see* Hankins, O.E. 33858
Mann, E.L. *see* Wolk, M. 8678
Mann, E.W. Marketing for ecowatts in the industry 19140
Mann, G. *see* Prokert, K. 18575
Mann, G. *see* Seidel, S. 14034
Mann, J. *see* Arai, Y. 37267
Mann, J. *see* Arai, Y. 37268
Mann, K., Ohlenbusch, J., Westphal, V. Characterization of excimer laser beam parameters 55788
Mann, K. *see* Albrecht, H.-S. 55786
Mann, K. *see* Eva, E. 55163
Mann, K. *see* Laux, S. 3543
Mann, K. *see* Roschke, J. 59837
Mann, K.R. *see* Hong Yaoliang 33246
Mann, L., Jr. *see* Ray, T.G. 52113
Mann, M. *see* Shamonina, E. 33611
Mann, M.K., Spath, P.L., Craig, K.R. Economic and life cycle assessment of an integrated biomass gasification combined cycle system 29112
Mann, R., Jepson, A., Siskind, J.M. The computational perception of scene dynamics 46412
Mann, R.F. *see* Amphlett, J.C. 20001
Mann, R.W. *see* Cabral, C. 42660
Mann, R.W. *see* Miles, G.L. 42620
Mann, W.A. *see* Allison, W.W.M. 37269
Mann Jang Park *see* Jong Hyeong Song 33265
Mann Jang Park *see* Ki Nam Oh 40294
Mann Jang Park *see* Ki Nam Oh 42426
Mann-Jang Park *see* Yong-Jun Cho 30775
Mann-Jang Park *see* Young-Cheol Kim 30778
Mannaerts, J.P. *see* Christenson, G.L. 36113
Mannaerts, J.P. *see* Ejeckam, F.E. 36554
Mannaerts, J.P. *see* Hong, M. 54417
Mannaerts, J.P. *see* Passlack, M. 2385
Mannaerts, J.P. *see* Passlack, M. 22480
Mannaerts, J.P. *see* Ren, F. 43103
Mannan, S.H., Whalley, D.C., Ogunjimi, A.O., Williams, D.J. Assembly of planar array components using anisotropic conducting adhesives–a benchmark study: II. Theory 41702
Mannan, S.H., Whalley, D.C., Ogunjimi, Y.O., Williams, D.J. Modelling of the initial stages of the anisotropic adhesive joint assembly process 12017
Mannan, S.H. *see* Ekere, N.N. 11882
Mannan, S.H. *see* Ogunjimi, A.O. 41701
Manneberg, G. *see* Sjoberg, H. 27949
Manner, R. *see* Beiersdorfer, S. 10398
Manner, R. *see* Weber, A. 51520
Manners, B. *see* Gholdston, E.W. 18714
Manners, D.N. *see* Bastin, M.E. 49495
Manners, D.N. *see* Cowie, A.G. 49494
Mannheimer, P.D., Cascini, J.R., Fein, M.E., Nierlich, S.L. Wavelength selection for low-saturation pulse oximetry 37710
Manni, C. *see* Costantini, P. 516
Manni, C. *see* Costantini, P. 548
Mannila, H. *see* Arjas, E. 417
Mannila, H. *see* Hatonen, K. 35631
Manninen, V. Application of direct torque control modulation technology to a line converter 51692
Manning, C.D. *see* Fraser, M.E. 9326
Manning, C.D. *see* Fraser, M.E. 60886
Manning, C.D. *see* Holme, P.R. 51179
Manning, C.D. *see* Holme, P.R. 51897
Manning, M. *see* Lelis, A.J. 21697
Manning, M. *see* Wade, L. 8713
Manning, P.A. *see* Watton, R. 36658
Manning, P.A. *see* Wood, A.P. 36659
Manning, P.P. *see* Morrell, C. 36374
Manning, R. *see* Rucker, H.O. 17019
Manning, R.J. *see* Blow, K.J. 23487
Manning, W.J. *see* McConnell, M.V. 28274
Mannino, G. *see* Coffa, S. 32132
Mannion, P. VRMs: technological first aid, but for how long? 31077
Mannix, C.E., Jr. Potential function construction by use of an adaptive mesh algorithm for a class of singular integral equations 30663
Manno, D., Serra, A., Di Giulio, M., Micocci, G., Taurino, A., Tepore, A., Berti, D. Structural and electrical properties of sputtered vanadium oxide

thin films for applications as gas sensing material 31867
Manno, D. *see* Vitali, G. 22506
Manno, M.I. *see* Aiello, S. 1483
Manno, M.Iacono *see* Iacono Manno, M.
Mannoh, M. *see* Fukuhisa, T. 44516
Mannoh, M. *see* Kidoguchi, I. 55683
Mannoni, A., Flesia, C., Bruscaglioni, P., Ismaelli, A. Multiple scattering from Chebyshev particles: Monte Carlo simulations for backscattering in lidar geometry 27089
Mannoni, A. *see* Margheri, G. 17330
Manns, M. *see* Bleck, J.S. 18270
Mannu, C. *see* Pescosolido, N. 28409
Mannucci, A. *see* Sandini, G. 26072
Mano, H., Ishida, K., Tsunekawa, S. TFT-LCD drive method and driver LSI 17645
Mano, H. *see* Konishi, N. 17643
Mano, K. A proposal for contact life reliability test method 11814
Mano, K. *see* Ohmuro, H. 15057
Mano, L., Hatziargyriou, N.D. Application of shunt capacitor banks as a countermeasure for voltage collapse 19076
Mano, M. *see* Ueshima, M. 1360
Mano, R. *see* Tsuyuguchi, T. 49429
Mano, S., Kimata, M., Inagaki, N., Kikuma, N. Application of planar multibeam array antennas to diversity reception 26563
Mano, S. *see* Hara, T. 36249
Mano, S. *see* Harasawa, Y. 26952
Mano, S. *see* Haryu, K. 45429
Mano, S. *see* Hirata, K. 45358
Mano, S. *see* Kosuge, Y. 48054
Mano, S. *see* Kosuge, Y. 58413
Manohar, M. *see* Tilton, J.C. 57068
Manohara, H. *see* Vladimirsky, O. 43367
Manolakaki, E. *see* Tsangaris, G.M. 43509
Manolakis, D.E. Efficient solution and performance analysis of 3-D position estimation by trilateration 8257
Manolakis, D.G. *see* Kogon, S.M. 4726
Manolakis, D.G. *see* Kogon, S.M. 4902
Manolakos, E.S. *see* Fridman, J. 45864
Manolakos, E.S. *see* Lentz, K.P. 53194
Manolakos, E.S. *see* Pereira, M.S. 56771
Manolescu, A. *see* Mircea, A. 40488
Manolescu, A. *see* Tornow, M. 22414
Manolescu, A.M. *see* Mircea, A. 40488
Manolessos, I.I., Markoulidakis, J.G., Lyberopoulos, G.L., Sykas, E.D., Theologou, M.E. Developing UMTS mobility procedures over DECT and ATM technologies 25953
Manoli, Y. *see* Kersjes, R. 18181
Manolis, A. *see* Bezerianos, A. 49680
Manolopoulos, S. *see* Sellin, P.J. 18095
Manolov, E. *see* Lazarova, V. 36769
Manolov, E.B. *see* Andreev, S.K. 22509
Manon, C. *see* Juhl, M. 20000
Manonmani, I. *see* Saleh, K. 5845
Manonmani, T. *see* Ambuselvan, T. 18480
Manonmani, T. *see* Madhumathi, S. 18295
Manoochehri, F., Ikonen, E., Liedquist, L. Comparison measurements on regular spectral transmittance 33219
Manor, R., Brafman, O., Bean, J.C. On interfaces and the phonon and electron confinement in Ge/Si multiple quantum wells 2160
Manore, M.J. *see* Cheung, E.S.H. 16935
Manos, G. *see* Contaxis, G.C. 19642
Manos, G.A., Vournas, C.D., Contaxis, G.C., Kabouris, J. An equilibrium point computation program for voltage stability analysis 19068
Manoukian, H.H. *see* Charbit, G. 4458
Manoussakis, Y., Tuza, Z. Optimal routings in communication networks with linearly bounded forwarding index 16132
Manov, D. *see* Rafajlovski, G. 9219
Manoviciu, I. *see* Bodea, O. 48741
Manqing Tan, Yongchang Lin, Dazun Zhao Reflection filter with high reflectivity and narrow bandwidth 33216
Manqing Tan *see* Tan Manqing
Manry, M.T. *see* Dawson, M.S. 28651
Manry, N.T. *see* Thompson, P.J. 15181
Mansanta, S. *see* Rossi, P. 18092
Manscher, M. *see* Carapella, G. 43811
Mansell, A.R., Bateman, A. Transmitter linearisation using composite modulation feedback 6450
Mansell, M.A. Sequoyah nuclear power plant 1994 fire induced vulnerability evaluation-IPEEE results 38582
Mansell, R. Telecommunications in the UK: controlling the information society gateways 25990
Manser, R., Schmid, J., Spoerri, W. Water-cooled converter series, for main line traction 51793
Mansfeld, G.D. Energy trapping in bulk acoustic wave composite resonator 23280
Mansfeld, G.D. *see* Guzzo, P.L. 23279
Mansfield, G. *see* Nemoto, Y. 47320
Mansfield, W. *see* Vuong, H.-H. 43070
Mansfield, W.M. *see* Lee, J.T.C. 2335
Mansfield, W.M. *see* Schiml, T. 22974
Manshura, A., Sukhoivanov, I. Dynamic properties of a quantum-well laser. Numerical research of the one well model 44485
Mansier, P. *see* Clairambault, J. 49734
Mansilla, S. *see* Birch, B. 31622
Mansilla, S. *see* Boger, D. 11878
Mansingh, A. *see* Dawar, A.L. 32970
Mansingh, V., Horine, D. Multichip module cooling with conformable cold plates 30306
Mansingh, V. *see* Peters, M. 309
Manso, M.E. *see* Silva, A. 7187
Manso, M.J. *see* Lozano, F. 6265
Manson, A., Fan Yi, Hall, G., Meek, C. Comparisons between instantaneous wind measurements made at Saskatoon (52 N, 107 W) using the colocated medium frequency radars and Fabry-Perot interferometer instruments: climatologies (1988-1992) and case studies 50065
Manson, A.H. *see* Bremer, J. 56055
Manson, S., DeMarco, C., Lasseter, R., Alvarado, F. A MATLAB GUI power flow 19089
Mansoor, A. *see* Dorr, D.S. 61319
Mansoorian, B. *see* Zhou, Z. 17505
Mansori, M.El *see* El Mansori, M.
Mansot, J.L. *see* Nguyen, T.P. 2087
Mansour, E. *see* Gohar, I.A. 41996
Mansour, K. *see* Perry, J.W. 14408
Mansour, K. *see* Xia, T. 24226
Mansour, M.M. *see* Abdelaziz, A.Y. 38274
Mansour, M.M. *see* Abdelaziz, A.Y. 50624
Mansour, M.M. *see* Abdelaziz, A.Y. 50633
Mansour, M.M. *see* Al-Hassawi, W.M. 19321
Mansour, M.M. *see* Mostafa, M.A. 50354
Mansour, M.M. *see* Mostafa, M.A. 50449
Mansour, M.M. *see* Mostafa, M.A. 60206
Mansour, M.M. *see* Moustafa, Y.G. 19297
Mansour, M.S. *see* Gadalla, M.A. 29920
Mansour, N., Kim, K.W., Bannov, N.A., Littlejohn, M.A. Transient ballistic transport in GaN 31850
Mansour, N.S. *see* Lee, B.C. 41910
Mansour, S.A. *see* Rao, A.V. 11779
Mansour, S.A.Abou *see* Abou Mansour, S.A.
Mansour, Y., Chang, A.Y., Tamby, J., Vaahedi, E., Corns, B.R., El-Sharkawi, M.A. Large scale dynamic security screening and ranking using neural networks 60313
Mansour, Y., Patt-Shamir, B. Many-to-one packet routing on grids 35398
Mansour, Y. *see* Afek, Y. 35494
Mansour, Y. *see* Bar-Noy, A. 35522
Mansour, Y. *see* Garay, J.A. 46922
Mansour, Y. *see* Vaahedi, E. 19039
Mansouri, J., Small, C., Chee Too, Wallace, G. Assembly of conducting polymer networks inside hydrogel structures 956
Mansten, T. *see* Kalliomaki, K. 36937
Manstorfer, K. Practical experience and planning of PDH/SDH networks of the Ostbayern AG power supply 19143
Manstretta, A. *see* Calligaro, C. 21685
Mansukhani, A. Wireless digital modulation 16536
Mansun Chan *see* Banna, S.R. 2697
Mansun Chan *see* Yuhua Cheng 21826
Mansuripur, M. Propagation of the laser beam in optical disk data storage systems 3330
Mansuripur, M. *see* Gerber, R.E. 13559
Mansuripur, M. *see* Goodman, T.D. 13558
Mansuripur, M. *see* Yung-Chieh Hsieh 32997
Mansurov, V.A., Kulebyakin, V.V., Vilanskaya, S.V. About temperature dependence of the rheological properties of human blood low shear rates 49385
Mansurov, V.G. *see* Sakhno, V.I. 21296
Mansurova, S. *see* Korneev, N. 27560
Mansurova, S. *see* Korneev, N. 44764
Mansurova, S.S. *see* Korneev, N.A. 3307
Mantani, K. *see* Yamazaki, M. 20256
Mantegazza, C. *see* Maggio, G. 29601
Mantegazza, P. *see* Tatti, M. 17421
Mantegazza, P. *see* Tatti, M. 48569
Mantegna, R.N. *see* Lanzara, E. 39607
Mantei, T. *see* Ditizio, R. 54469
Mantelli, M. *see* Raffo, L. 31328
Mantese, J.V. *see* Nastasi, M. 10885
Mantese, L., Rossow, U., Aspnes, D.E. Surface-induced optical anisotropy of oxidized, clean, and hydrogenated vicinal Si(001) surfaces 12174
Mantese, L. *see* Rossow, U. 2375
Manteuffel, G. *see* Rossmann, M. 11633
Manteuffel, T., McCormick, S., Morel, J., Yang, G. A fast multigrid algorithm for isotropic transport problems. II. With absorption 622
Manteuffel, T. *see* Faber, V. 572
Mantey, P. *see* Wittenbrink, C.M. 6201
Mantey, P.E. Creating synergy between computer engineering and computer science programs 20718
Mantey, P.E., Garcia-Luna, J.J., Wittenbrink, C., Ananthanarayanan, A. Use of ATM and other computer networks in delivery of engineering education–a perspective 20502
Mantha, R., Crozier, S. Implementation of a delay-multiply-average frequency estimator with rotate-add-decimate processing 45969
Manthiram, A. *see* Tsang, C. 19967
Manthiram, A. *see* Tsang, C. 51454
Manthorpe, W.H.J., Jr. The emerging joint system of systems: a systems engineering challenge and opportunity for APL 8625
Manthripragada, S. *see* Babu, S.R. 49872
Mantica, G. *see* Bessis, D. 42207
Mantica, L. *see* Morisi, L. 51786
Mantini, M.J. *see* Humphreys, T.P. 41742
Mantone, A. *see* King, C. 55085
Mantone, A. *see* King, C. 55109
Mantooth, H.A., Hefner, A.R., Jr. Electrothermal simulation of an IGBT PWM inverter 60928
Mantooth, H.A. *see* Budihardjo, I.K. 21484
Mantsyzov, B.I., Nasu, K. Gap 2π-pulse and zoomeron-like pulse propagation and interaction in resonant Bragg structure 14401
Manturov, A.O. *see* Sverdlova, A.M. 32088
Mantyniemi, A., Rahkonen, T., Ruha, A. A low power 10-bit 300 kS/s RSD coded pipeline A/D-converter 53361
Manuar, O., Jaggard, D.L. Scattering from knots and unknots: the role of symmetry 33968
Manuccia, T. *see* Read, M. 48837
Manuel, A., Ruiz, X. The synthesis of excitation waveforms for the characterization of switched regulators 1123
Manuel, P. *see* Stenger, S. 38379
Manuel Barrientos Villar, J. *see* Quiros Olozabal, A. 1034
Manuilov, M.B., Sinyavsky, G.P., Shvedov, V.N. Rigorous theory of rectangular waveguide multiple-slot couplers 41410
Manuilov, M.S. *see* Lyapin, V.P. 11646
Manuilov, V.N. *see* Bratman, V.L. 3674
Manuilov, V.N. *see* Goldenberg, A.L. 41790
Manus, S. *see* Fujii, K. 12464
Manus, S. *see* Schmerek, D. 22389
Manwell, J.F., McGowan, J.G. Wind diesel system simulation: a screening level model 29162
Many, A. *see* Weisz, S.Z. 2068
Manykin, E. *see* Zakharov, S. 13769
Manykin, E.A. *see* Zakharov, S.M. 3508
Manykina, L. *see* Padalko, L. 19250
Manz, L. Motor insulation system quality for IGBT drives 29665
Manz, L. Applying adjustable-speed drives to three-phase induction NEMA frame motors 61113
Manzar Malik, M., Khan, Z.H., Husain, M. Electrical transport properties of glassy semiconducting $Se_{70-x}Te_{30}Ga_x$ 54116
Manzella, V. *see* Amos, N. 37445
Manzin, G. *see* Bouclier, R. 37262
Manzini, R. *see* Chiesa, V. 30094
Manzini, S. *see* Pieracci, A. 43027
Manzke, R. *see* Gawlik, K.-U. 54081
Manzur, T. *see* Roychoudhuri, C. 165
Mao, C.C., McKnight, D., Guarino, D., Neff, J., Johnson, K.M. A CMOS chip for the 3-D optoelectronic computing system 33184
Mao, D. *see* Feng, L. 12249
Mao, D. *see* Song, W. 39091
Mao, D. *see* Tang, J. 39104
Mao, D.H. *see* Holander-Gleixner, S. 42414
Mao, D.H. *see* Robinson, H.G. 2307
Mao, E., Majerfeld, A. Growth of heavily C-doped GaAs/AlGaAs MQW structures by MOVPE for 2-3 μm normal incidence photodetectors 40461
Mao, E. *see* Kim, B.W. 31978
Mao, J.F. *see* Kuh, E.S. 54776
Mao, S., Gangopadhyay, S., Amin, N., Murdock, E. NiMn-pinned spin valves with high pinning field made by ion beam sputtering 13433
Mao, S. *see* Hong, W. 16953
Mao, S. *see* Huang, Y. 16966
Mao, W. On cryptographic techniques for online bankcard payment transactions using open networks 56274
Mao, W.-Z. *see* Choi, H.-S. 35772
Mao, Y. *see* Wilson, M.R. 10737
Mao, Y.H. *see* Chen, X.B. 4080
Mao, Y.W. *see* Hong, Y.R. 27530
Mao Chi-Wu *see* Chi-Wu Mao
Mao Chong-Chang *see* Chong-Chang Mao
Mao ErKe *see* Hu GuoRong 58445
Mao Erke *see* Yin Zhonghang 56540
Mao Hai-Fang *see* Hai-Fang Mao
Mao Hanfen *see* Mao Sen 23444
Mao Hanfen *see* Zhou Peiming 23443
Mao He *see* Ting-Yang Chen 18081
Mao Hengchun *see* Hengchun Mao
Mao Hui-Bing Nucleation and growth processes during molecular-beam epitaxy of ternary compounds 40311
Mao Jintong *see* Jintong Mao
Mao Jun-Fa *see* Jun-Fa Mao
Mao Junfa, Li Zhengfan Transient analysis of transmission lines with nonzero initial state 4306
Mao Leshan, Jin Huaiyi, Feng Yuzhu Data management system of RMS700 monitoring and protecting system [for electric machines] 29228
Mao Liangming *see* Fan Xiaoming 58705
Mao Naihong *see* Zheng Huili 14742
Mao Ou *see* Ou Mao
Mao Qing *see* Qing Mao
Mao Sen, Mao Hanfen, Yang Laidi, Liu Suping X-ray and laser light absorbing glasses 23444
Mao Shiwen, Lin Xiaokang, Shi Fuqiang Implementation of C-4 mapping with parallel processing 41011
Mao Shiyi *see* Hu Wenlong 15206
Mao Shiyi *see* Hu Wenlong 27445
Mao Weimin *see* Xie Shizhong 20835
Mao Weiwei *see* Weiwei Mao
Mao Xiyun *see* Shan Bing 17472
Mao Xuerong *see* Xuerong Mao
Mao Yu Peng *see* Mu Der Jeng 21081
Mao Yufang *see* He Jingtang 37295
Mao Zepu, Wang Jun, Ye Shizhang, Lan Huibin, Sun Shijun, Liu Huaimin, Liu Qi, Liu Jing, Li Weiguo, Li Peiqin, Chen Shaomin, Chen Guangpei, Qiu Jinfa, Shong Xiaofei, Fang Xiaoling, Zhou Li, Rong Gang, Zhang Shaoqiang,

Zhang Jiawen, Han Ying, Xue Shentain, Pan Lingjun BES data off-line calibration 59254
Mao Zhigang *see* Chen Xin 53141
Mao Zongyuan *see* Zhang Chaohai 60330
Mao-Chieh Chen *see* Wen-Kuan Yeh 40565
Mao-Ching Chiu, Chi-Chao Chao Analysis of LMS-adaptive MLSE equalization on multipath fading channels 16011
Mao-Chung Hsieh *see* Jinn-Liang Liu 658
Mao-Fu Lai, Chaur-Heh Hsieh A novel VLSI architecture for clustering analysis 57212
Mao-Fu Lai, Nakano, M. Special section on phase-locked loop techniques 11234
Mao-Fu Lai, Nakano, M., Guan-Chyun Hsieh Application of fuzzy logic in the phase-locked loop speed control of induction motor drive 20107
Mao-Fu Lai, Nakano, M., Guan-Chyun Hsieh, Saehcout, V., Wen-Yuh Chiu Design of fuzzy logic controller in PLL-based servo motor speed drive 39285
Mao-Hsiung Chen *see* Shih-Chu Huang 36634
Mao-long Ke, Westwood, D.I., Matthai, C.C., Richardson, B.E., Williams, R.H. Ballistic electron emission microscopy of Au-InAs-GaAs system 54245
Mao-Nan Chang *see* Yen-Ann Chen 55403
Mao-Sheng Huang *see* Wen-Ling Yang 17727
Maobai Chen *see* Chen Maobai
Maocang Liu *see* Liu Maocang
Maocheng Zhang *see* Zhang Maocheng
Maoka, T., Kitai, T., Segawa, N., Ueno, M. Changes in cathode catalyst structure and activity in phosphoric acid fuel cell operation 61063
Maoqing Li, Yufeng Chen An investigation of response time of TiO_2 thin-film oxygen sensors 7483
Maosen Wang *see* Wang Maosen
Maosong Yan *see* Yan Maosong
Maotang Li *see* Li Maotang
Maouche, K., Slock, D.T.M. Performance analysis and FTF version of the generalized sliding window recursive least-squares (GSWRLS) algorithm 4820
Maouche, S. *see* Roussel, G. 52526
Mapes, M. *see* Alessi, J.G. 49196
Mapes, M. *see* Kponou, A. 49195
Maple, M.B. *see* Crabtree, G.W. 55087
Maples, T.B. *see* Spanos, G.A. 46471
Mapps, D.J. *see* Chandrasekhar, R. 3175
Mapps, D.J. *see* Shute, H.A. 3209
Mapps, D.J. *see* Shute, H.A. 32857
Mar, A. *see* Lear, K.L. 3968
Mar, G.L. *see* Koch, M.H. 865
Mar, J. The application of TCAD in industry 10013
Mar Aguiar, M.Del *see* Del Mar Aguiar, M.
Mar Blanca, C., Ricardo Daria, V., Saloma, C. Spectral recovery by analytic continuation in crossing-based spectrum analysis 15584
Mar Wei-Yang *see* Wei-Yang Mar
Marabella, L.J. Precision laser machining 24315
Marabello, T. *see* Hertlein, W.G. 11982
Maracas, G.N. *see* Wheeler, C. 23716
Maracas, G.N. *see* Wheeler, C.B. 43341
Maradei, F. *see* Feliziani, M. 45068
Maradei, F. *see* Feliziani, M. 45251
Maradudin, A.A. *see* Leyva-Lucero, M. 14322
Maradudin, A.A. *see* Malyshkin, V. 27912
Maragos, P., Akmal Butt, M. Partial differential equations in image analysis: continuous modeling, discrete processing 57494
Maragos, P. *see* Pessoa, L.F.C. 25747
Maragos, P. *see* Santhanam, B. 4624
Maragos, P. *see* Santhanam, B. 24643
Marais, P., Guillemaud, R., Sakuma, M., Zisserman, A., Brady, M. Visualising cerebral asymmetry 18394
Marakasov, D. *see* Fisanov, V. 45168
Marakhonov, V.M. *see* Astakhov, V.P. 13889
Marakhovka, I.I. *see* Sakhno, V.I. 21296
Marakhovsky, V. *see* Varshavsky, V. 1301
Marakhovsky, V.B. *see* Varshavsky, V.I. 11547
Maral, G. *see* Restrepo, J. 58254
Maral, G. *see* Werner, M. 25840
Marana, A.N., Velastin, S.A., Costa, L.F., Lotufo, R.A. Estimation of crowd density using image processing 57517
Maranas, C.D., Floudas, C.A. Global optimization in generalized geometric programming 10401
Maranda, B.H. On the false alarm probability for an overlapped FFT processor 4756
Maranda, B.H. *see* Kirlin, R.L. 38163
Marandi, S.R. The magnetic near-field of a solenoid 14537
Maraner, A., Vitale, S., Zendri, J.P. A performance comparison between an electrostatic and a superconducting gravity gradiometer 3304
Maranhao, F. *see* Martins, H.J.A. 19921
Marannino, P. *see* Berizzi, A. 8806
Marannino, P. *see* Demartini, G. 19528
Marano, S. *see* Beraldi, R. 6090
Marano, S. *see* Iera, A. 6327
Maranowski, K. *see* Allen, S.J. 12488
Maranowski, K.D., Ibbetson, J.P., Campman, K.L., Gossard, A.C. The conduction barrier at the interface between low temperature grown GaAs and undoped GaAs 2123
Maranowski, K.D. *see* Harris, J.G.E. 2858
Maranowski, K.D. *see* Keay, B.J. 2200
Maranowski, K.D. *see* Zeunel, S. 2138
Maranowski, K.D. *see* Zeuner, S. 54236
Maranowski, S.A. *see* Wierer, J.J. 14092
Maranto, J.A. *see* Schwartzenberg, J.W. 19902
Marapane, S.B. *see* Holder, M.B. 7590
Maras, A.M. *see* Kokkinos, E.A. 52450
Marat-Mendes, J.N. *see* Neagu, E.R. 54314
Marat-Mendes, J.N. *see* Neagu, E.R. 54879
Marathe, M.V., Ravi, R., Sundaram, R. Service-constrained network design problems 26085
Maravilla, J.Calpe *see* Calpe Maravilla, J.
Marazzi, A. *see* Gamba, P. 8555
Marazzi, M. *see* Borghesi, A. 31781
Marca, G. *see* Depero, L.E. 30906
Marca, J.R.B.de *see* de Marca, J.R.B.
Marcacci, E. *see* Conti, M. 25913
Marcadal, C., Richard, E., Mermet, L., Torres, J., Palleau, J., Alaux, B., Bakli, M. Cu-CVD process optimised in a cluster equipment for IC manufacturing 40645
Marcadal, C. *see* Brand, F. 42641
Marcano, D., Jimenez, M., Chang, O. Synthesis of linear array using Schelkunoff's method and genetic algorithms 34400
Marcano, D. *see* Hernandez, L. 11195
Marcano O., A., Escalona, R. Measurement of the stationary thermal nonlinear refraction light wavefront distortions by image processing 44745
Marcano O., A. *see* Hernandez, F.E. 27947
Marcantonio, A. *see* Petsche, T. 60747
Marcarino, P. *see* Mangum, B.W. 27206
Marceau, M. VULCAIN: an hardened amplifier for DC motor 60804
Marceau, R.J., Sirandi, M., Soumare, S., Dai Do, X., Galiana, F., Mailhot, R. A review of signal energy analysis for the rapid determination of dynamic security limits 38211
Marcelin, M.W. *see* Walsh, D.O. 15388
Marcellan, F., Peherstorfer, F., Steinbauer, R. Orthogonality properties of linear combinations of orthogonal polynomials 509
Marcellan, F. *see* Aptekarev, A.I. 30643
Marcelli, A. *see* Ablameyko, S.V. 5381
Marcelli, R., Rossi, M., De Gasperis, P. Microwave magnetostatic wave coupled resonators 3252
Marcelli, R. *see* Bartolucci, G. 56073
Marcellin, H.W. *see* Bilgin, A. 25376
Marcellin, M.W. *see* Abousleman, G.P. 46255
Marcellin, M.W. *see* Bilgin, A. 5553
Marcellin, M.W. *see* Gongsan Yu 57103
Marcellini, F. *see* Gallo, A. 49251
Marcellini, F. *see* Zobov, M. 49224
Marcello, S. *see* Agnello, M. 37458
Marcello, S. *see* Botta, E. 37492
Marcenac, D. Travelling wave effects for wavelength conversion by cross-gain and cross-phase modulation in optical amplifiers 14133
Marcenac, D. *see* Noel, L. 23898
Marcenac, D.D. *see* Cotter, D. 57901
Marcenac, D.D. *see* Lowery, A.J. 17153
Marcenac, D.D. *see* Nesset, D. 24237
Marcetic, D. *see* Graovac, D. 61233
Marchal, A. *see* Parlangeau, N. 14992
Marchal, G. *see* Maes, F. 49546
Marchal, G. *see* Plets, P. 37735
Marchal, G. *see* Vandermeulen, D. 18385
Marchal, I. *see* Bouville, C. 58056
Marchal, N., Pieplu, J.M., Hill, D., Shurmer, I., Weber, M., Niklach, N., Christophe, B. Second generation GNSS performances 7006
Marchal, P. *see* Mange, D. 1288
Marchal, P.R. *see* Ruedi, P.-F. 53467
Marchand, E., Chaumette, F. Controlled camera motions for scene reconstruction and exploration 46295
Marchand, E., Rutten, E., Chaumette, F. From data-flow task to multitasking: applying the synchronous approach to active vision in robotics 35343
Marchand, J.J. *see* Kaminski, A. 39007
Marchand, P. The SIRENAC system 7017
Marchand, R., Brown, G.S. On the use of the quasi specular model for surface parameter estimation 8506
Marchand, R. *see* Hbib, H. 10872
Marchand-Maillet, S., Sharaiha, Y.M. A minimum spanning tree approach to line image analysis 5373
Marchandise, X. *see* Millaire, K. 59433
Marchant, A., Hague, T., Tillett, N.D. Row-following accuracy of an autonomous vision-guided agricultural vehicle 35285
Marchant, J. *see* Adams, D. 59218
Marchant, J.A. *see* Onyango, C.M. 5479
Marchant, J.A. *see* Tillett, R.D. 56904
Marchant, S.K. *see* Watts, J.U. 19563
Marche, D. *see* Hamida, N.B. 43231
Marche, D. *see* Saab, K. 13093
Marche, P. *see* Dupiech, M. 27672
Marchegay, P. *see* Dallet, D. 1539
Marchegay, P. *see* Dallet, D. 1540
Marchegay, P. *see* Dallet, D. 1541
Marchegay, P. *see* Loulou, M. 53365
Marchello, L. *see* Montagna, P. 28313
Marchenko, R.I. *see* Evtukh, A.A. 53923
Marchenko, R.I. *see* Evtukh, A.A. 53941
Marchenko, R.I. *see* Litovchenko, V.G. 41753
Marchesani, R. *see* Abreu, E. 26482
Marchese, D., Kakarantzas, G., Jha, A. Pr^{+3}-doped GeS_2-Ga_2S_3-based chalcohalide glasses for 1.3 μm fibre amplifiers 3722
Marchese, F. *see* Sharaiha, A. 33176
Marchese, G. *see* Gardelle, J. 7717
Marchese, M. *see* Bolla, R. 5742
Marchese, M. *see* Bolla, R. 25981
Marchese, M. *see* Bolla, R. 35402
Marchese, M. *see* Bolla, R. 46701
Marchese, M. *see* Bolla, R. 58062
Marchese, P. *see* Bjornland, D.F. 47281
Marchese, P. *see* Pignatta, R. 47806
Marcheselli, R.G. *see* Chau, K.H.-L. 13159
Marchesi, B., Diessel, E., Nohama, P. An instrument for diagnostic X-ray generators quality control 28277
Marchesi, C. *see* Pola, S. 37592
Marchesi, C. *see* Silipo, R. 28380
Marchesi, C. *see* Silipo, R. 49687
Marchesi, C. *see* Taddei, A. 49474
Marchesi, C. *see* Teucci, M.C. 49643
Marchesi, C. *see* Varanini, M. 49389
Marchesi, M., Barabino, G., Benedicenti, L. Neural networks for parsing natural language sentences 4591
Marchesi, M. *see* Contu, S. 1046
Marchesi, M. *see* Costamagna, E. 44905
Marchesi, M. *see* Fanni, A. 44889
Marchesini, R., Beccherle, R., Bisogni, M.G., Cisternino, A., Del Guerra, A., Folli, M., Kipnis, I., Rosso, V., Tipiccione, R. Two VLSI CMOS ICs for digital X-ray 2-D imaging system: low noise front-end amplifier and 80 MHz digital encoder interface 59447
Marchesini, R. *see* Bertolucci, E. 37628
Marchesoni, F. *see* Apostolico, F. 40757
Marchesoni, F. *see* Gammaitoni, L. 25048
Marchesoni, M., Sciutto, G., Segarich, P., Soressi, E., Taffone, A. High computational power and great interfacing capability for electric drives control: a new surface-mount DSP based system 9579
Marchesoni, M., Segarich, P., Taffone, A. Microprocessor systems for electrical drives 29727
Marchesoni, M. *see* Alessandri, A. 60730
Marchesoni, M. *see* Lovati, V. 9609
Marchette, D.J. *see* Rogers, G.W. 18211
Marchette, D.J. *see* Solka, J.L. 60175
Marchetti, B. Using high power-density psu modules 60918
Marchetti, S. Green's functions and EM fields direct terms in printed circuits 31569
Marchetti, S. Spherical waves representation of the Green's functions in the far field zone of printed antennas 45394
Marchetti, S., Martinelli, M., Simili, R., D'Amato, F., Giorgi, M. High power pulsed millimeter laser Raman generation in CH_3F 13908
Marchetti, S. *see* Bertolotti, M. 14371
Marchetti-Spaccamela, A. *see* Alimonti, P. 40060
Marchi, A.De *see* De Marchi, A.
Marchi, G.de *see* de Marchi, G.
Marchioni, E. *see* Kuntz, F. 28472
Marchioro, G. *see* Ismail, T.B. 1025
Marchishin, I.V. *see* Bobylev, B.A. 42175
Marchishin, I.V. *see* Krymsky, A.I. 33267
Marchishin, I.V. *see* Vasilyev, V.V. 36550
Marchisio, L., Renault, O. TMN management of Pan-European IN-based Freephone service 35672
Marchisio, L., Renault, O. TMN management of pan-European intelligent network-based freephone service 46933
Marchisio, P. *see* Bomitali, E. 26368
Marchok, T.E., El-Maleh, A., Maly, W., Rajski, J. A complexity analysis of sequential ATPG 7177
Marchok, T.E., Maly, W. Modeling the difficulty of sequential automatic test pattern generation 1244
Marchon, B. *see* Jing Gui 32839
Marchuk, L.A. A quasiminimax approach to robust adaptive antenna array design 34424
Marchuk, L.A., Yefimov, A.V. An algorithm for adaptive spatial separation of signals from interference 4765
Marciano, F. *see* Migaux, M.L. 49635
Marciante, J.R., Agrawal, G.P. Role of cladding-layer nonlinearity in controlling filamentation in broad-area semiconductor lasers and amplifiers 3864
Marciante, J.R., van Tartwijk, G.H.M., Agrawal, G.P. Spatial feedback effects in narrow-stripe index-guided semiconductor lasers 33571
Marcic, B. *see* Gradisnik, D. 58693
Marcin, M., Jr. Use of hardware-in-the-loop (HWIL) testing from early software development through final system test to mitigate risk and to assure mission success for the Hera targets program 28535
Marciniak, M. Light propagation in optical waveguides with complex refractive indices 55271
Marciniak, M.A. *see* Reinhardt, K.C. 18661
Marciniak, M.M. *see* Vichare, M. 12980
Marciniewski, P. *see* Gustafsson, L. 7830
Marcinkevicius, S., Krotkus, A., Adomavicius, R., Leon, R., Jagadish, C. Carrier dynamics in InP with metallic precipitates 12227
Marcinkevicius, S., Krotkus, A., Viselga, R., Olin, U., Jagadish, C. Non-thermal photoexcited electron distributions in non-stoichiometric GaAs 54077
Marcinkevicius, S. *see* Frojdh, K. 12410
Marcinkevicius, S. *see* Hark Hoe Tan 55387
Marcinkevicius, S. *see* Korona, K.P. 12232
Marcinkevicius, S. *see* Stalnionis, A. 12253
Marciu, D. *see* Heflin, J.R. 4091

Marckmann, C. *see* Schindler, R. 39214
Marcks, M. A new double resonant zero current switching matrix converter 51231
Marcks, M. Driver for IGBT power transistors ensures low dead time 54635
Marco, C., Marco, R., Morillo, P. A new protocol for key distribution and authentication for digital mobile communications networks 26601
Marco, M.-P., Barcelo, D. Environmental applications of analytical biosensors 18918
Marco, P.Di *see* Di Marco, P.
Marco, R. *see* Marco, C. 26601
Marco, R.De *see* De Marco, R.
Marco, S., Pardo, A., Davide, A.M., di Natale, C., D'Amico, A., Hierlemann, A., Mitrovics, J., Schweizer, M., Weimar, U., Gopele, W. Different strategies for the identification of gas sensing systems 17583
Marco, S.Del *see* Del Marco, S.
Marcon, J., Koumetz, S., Ketata, K., Ketata, M., Launay, P. Simulation of beryllium diffusion in the base layer of InGaAs/InP heterojunction bipolar transistors 22772
Marcon, J. *see* Koumetz, S. 41966
Marconato, R. *see* Baratella, P. 28785
Marconato, R. *see* Berizzi, A. 50959
Marconi, M.C. *see* Menoni, C.S. 22336
Marcos, J. *see* Lago, A. 60904
Marcos, J.de *see* de Marcos, J.
Marcos, M.L. *see* Grais, K.I. 12068
Marcos, S., Benidir, M., Sanchez-Araujo, J. An adaptive tracking algorithm for direction finding and array shape estimation in a nonstationary environment 15329
Marcos, S., Navarro, R. Imaging the foveal cones in vivo through ocular speckle interferometry: theory and numerical simulations 28085
Marcos, S. *see* Grohan, P. 46548
Marcos, S. *see* Sanchez-Aranjo, J. 4687
Marcos Alonso, J. *see* Blanco, C. 39396
Marcotegui, B. *see* Marques, F. 15901
Marcotegui, B. *see* Salembier, P. 35181
Marcotte, D. Fast variogram computation with FFT 25515
Marcotte, P. *see* Goffin, J.-L. 30515
Marcotullio, F. *see* de Monte, F. 29655
Marcouille, O. *see* Prazeres, R. 44591
Marcoux, P.P. Advanced packaging approaches to very fine-pitch surface mount interconnections 52245
Marcoux, P.P. Overview of known good die solutions for multichip modules 53881
Marcu, T. Pattern recognition techniques using fuzzily labeled data for process fault detection 34975
Marculescu, D., Marculescu, R., Pedram, M. Information theoretic measures of energy consumption at register transfer level 21608
Marculescu, D. *see* Marculescu, R. 40832
Marculescu, R., Marculescu, D., Pedram, M. Adaptive models for input data compaction for power simulators 40832
Marculescu, R. *see* Marculescu, D. 21608
Marcus, B.H. *see* Ashley, J.J. 24704
Marcus, C.M. *see* Duruoz, C.I. 54184
Marcus, C.M. *see* Patel, S.R. 42102
Marcus, F.I. *see* Hynynen, K. 28423
Marcus, K. *see* Bourdin, H. 13758
Marcus, M.A., Macdowell, A.A., Isaacs, E.D., Evans-Lutterodt, K., Ice, G.E. Submicron resolution X-ray strain measurements on patterned films: Some hows and whys 42794
Marcus, M.L. *see* Lessick, J. 18300
Marcus, R.B. *see* Zhang, Y. 22547
Marcus, R.H. *see* Kim, B. 37688
Marcus, R.H. *see* Song, I. 37734
Marcus, R.H. *see* Wu, K.L. 37687
Marcus, S. *see* Bremensdorfer, R. 22499
Marcus, S.D. *see* Bair, A.E. 42692
Marcus, S.W. The propagation effects of bends in tropospheric ducts 34043
Marcy, H. *see* Bult, K. 17268
Marcy, H.O. *see* Motamedi, M.E. 54856
Marcy, W.M. *see* Ramirez, J.M. 20639
Marcy, W.M. *see* Wetzel, K.C. 20641
Mardahl, P., Verboncoeur, J.P., Birdsall, C.K. Simulations of dielectric Cerenkov masers at moderate to high power 3676
Mardahl, P.J. *see* Verboncoeur, J.P. 12095
Mardarasevici, G. *see* Stincescu, R. 38739
Mardare, D. *see* Mangalagiu, I. 42032
Marder, B.M. *see* Mayer, T.M. 54542
Marder, B.M. *see* Sanford, T.W.L. 7753
Marder, S.R. *see* Alain, V. 24162
Marder, S.R. *see* Perry, J.W. 14408
Marder, S.R. *see* Stahelin, M. 14302
Mardezhov, A.S. *see* Ksvitashev, K.K. 30780
Mardia, K.V., Goodall, C., Walder, A. Distributions of projective invariants and model-based machine vision 4917
Mardia, K.V. *see* Hurn, M.A. 18275
Mardikyan, K., Kalenderli, O., Ersen, O., Canarslan, E. AC breakdown strength of N_2, SF_6 and a mixture of N_2+SF_6 containing a small amount of SF_6 13306
Mardion, G.Bon *see* Bon Mardion, G.
Mardirossian, G., Matsushita, T., Lei, K., Clune, T., Luo, D., Karellas, A., Botz, E., Brill, A.B. Calibration of X-ray fluorescence thyroid imaging system 7967
Marechal, N., Ishikura, T., Yamashita, S. Formation of epitaxial diamond particles on (001) β-SiC surface in ECR system 40449
Marechal, Y. *see* Coulomb, J.-L. 44930
Marechal, Y. *see* Duong, S. 31086
Marechal, Y. *see* Luong, H.T. 44951
Marechal, Y. *see* Rael, S. 40887
Marechal, Y. *see* Vanti, M.G. 44963
Marechal, Y. *see* Zgainski, F.-X. 40272
Mareels, I. *see* De Wit, P.A.S. 9238
Mareels, I.M.Y. *see* Blackmore, K.L. 52442
Mareev, K.A. *see* Chugunov, A.A. 52910
Marega, E., Jr. *see* Gonzalez-Borrero, P.P. 30813
Marek-Sadowska, M. *see* Chien-Chung Tsai 31178
Marek-Sadowska, M. *see* Shih-Chieh Chang 11098
Marek-Sadowska, M. *see* Shih-Chieh Chang 21627
Marek-Sadowska, M. *see* Vittal, A. 11107
Marek-Sadowska, M. *see* Yu-Liang Wu 40766
Marenco, A.L., Madisetti, V.K. A constructive deconvolution procedure of bandpass signals by homomorphic analysis 8305
Marengo, J.A. *see* Ruch, M. 1003
Marengoni, M., Draper, B.A., Hanson, A., Sitaraman, R. Placing observers to cover a polyhedral terrain in polynomial time 25463
Mares, G., Constantinescu, G., Dumitrescu, O. The accelerated ageing of a LDP under simultaneously action of heat and electrical field 13269
Mares, G., Notingher, P. Accelerated thermal and radiative ageing of hydrogenated NBR for DRC 2976
Mares, J.A. *see* Auffray, E. 18084
Mares, J.A. *see* Auffray, E. 37281
Mares, M. *see* Morel, J.-Y. 52463
Mares, P.J. *see* Sengupta, D.K. 48666
Maresca, C. *see* Pascazio, M. 36971
Marest, G. *see* Baccar, Z.M. 7286
Marest, G. *see* Shinde, S.R. 40694
Marestin, C. *see* Chauvin, J. 55835
Marey, H.K. *see* Basha, A.M. 8210
Margalit, M., Orenstein, M. Multimode effects on the evolution and long-term stability of a passively mode-locked laser under pulsed injection locking 55527
Margalit, M., Orenstein, M., Eisenstein, G. Synchronized two-color operation of a passively mode-locked erbium-doped fiber laser by dual-injection locking 33411
Margalit, M., Orenstein, M., Eisenstein, G., Portnoi, E.L., Venus, G.B., Khazan, A.A. Two simultaneous wavelength and ultrahigh repetition rate operation of a harmonically injection locked diode laser 44588
Margalit, N.M., Babic, D.I., Streubel, K., Mirin, R.P., Bowers, J.E., Hu, E.L. Submilliamp long wavelength vertical cavity lasers 44572
Margalit, N.M. *see* Babic, D.I. 24003
Margalit, N.M. *see* Blixt, P. 6730
Margalit, N.M. *see* Piprek, J. 44573
Margalit, N.M. *see* Zhang, S.Z. 36132
Margan, E. *see* Adam, W. 37221
Margaria, T. *see* Steffen, B. 35794
Margarian, N.L. *see* Mouradian, L.Kh. 17848
Margaris, N., Mastorocostas, P. On the nonlinear behavior of the analog phase-locked loop: synchronization 11237
Margaritis, G. *see* Phillips, J. 212
Margaritondo, G. *see* Almeida, J. 32050
Margaritondo, G. *see* Almeida, J. 42268
Margaritondo, G. *see* Jaszewski, R.W. 40689
Margaritondo, G. *see* Tolk, N.H. 2392
Margato, E., Santana, J. Induction generator excited by current source inverter used as a DC power supply–modelling and behaviour 9248
Margenstern, M. *see* Goles, E. 30454
Margerie, J. *see* Konate, A. 4019
Margerie, J. *see* Konate, A. 14057
Margesin, B. *see* Cambiaso, A. 18930
Margesin, B. *see* Colalongo, L. 58724
Margesin, B. *see* Grattarola, M. 58864
Margesin, B. *see* Lui, A. 48463
Margesin, B. *see* Vianello, P. 50213
Margetis, D. Exactly solvable model for electromagnetic field in air of a three-phase power line over the Earth 37891
Margetis, S. *see* Burks, M. 59206
Margetitch, S. *see* Petruszka, A. 60130
Margheri, G., Mannoni, A., Quercioli, F. A new high-resolution displacement sensor based on surface plasmon resonance 17330
Marghescu, I. *see* Constantin, I. 26581
Margieh, U. Protection against electrostatic discharge damage by use of SMD multi-layer varistors 10101
Margiotta-Neri, A.R. *see* Cecchini, S. 7822
Margolf-Hackl, S. *see* Kiessling, J. 18179
Margolin, G.L. *see* Tuzikov, A.V. 5375
Margolin, R.A. *see* Maurer, C.R., Jr. 7886
Margolus, N. Large-scale logic-array computation 41002
Margolych, I.L. *see* Dutsyak, I.S. 54108
Margoniner, V.E. *see* Magalhaes, A.M. 7412
Margossian, R. *see* Rusek, A. 40790
Marguier, J. *see* Daniau, W. 3001
Margulis, W., Laurell, F. Interferometric study of poled glass under etching 4087
Margulis, W. *see* Kawase, L.R. 26898
Margulis, W. *see* Ribeiro, R.M. 23518
Margutti, G. *see* Andryakov, A. 37226
Marhauser, F. *see* Glock, H.-W. 49179
Marheineke, B. *see* Keidler, M. 40341
Marhic, M.E., Park, Y., Yang, F.S., Kazovsky, L.G. Widely tunable spectrum translation and wavelength exchange by four-wave mixing in optical fibers 14328
Marhic, M.E., Park, Y., Yang, F.S., Kazovsky, L.G. Broadband fiber optic parametric amplifiers and wavelength converters with low-ripple Chebyshev gain spectra 33699
Marhic, M.E. *see* Yang, F.S. 16689
Mari, A. *see* Borghetti, A. 50304
Mari, A. *see* Caldon, R. 19278
Mari, B., Navarro, F.J., Hernandez, M.A., Riera, J. Radiation damage in neutron transmutation doped-InP 31805
Mari, D. *see* Chaboudez, C. 39426
Mari, F. *see* Tilghman, R.W. 50115
Mari, J.-F., Fohr, D., Junqua, J.-C. A second-order HMM for high performance word and phoneme-based continuous speech recognition 14972
Mari, J.-F., Haton, J.-P., Kriouile, A. Automatic word recognition based on second-order hidden Markov models 24837
Mari, M., Dellepiane, S. A segmentation method based on fuzzy topology and clustering 5415
Mari, M. *see* Vernazza, G. 57122
Maria, A. *see* Bao, X. 22064
Maria, A. *see* Lehmann, G. 20901
Maria, A. *see* Raj, R.B. 52266
Marian, S. *see* Tsiulyanu, D. 48564
Mariani, G. *see* Werner, P. 22532
Mariani, M. Developments in optical communication 47909
Mariani, R., Roncella, R., Saletti, R., Terreni, P. On the realisation of delay-insensitive asynchronous circuits with CMOS ternary logic 53229
Marianneau, G. *see* Daniau, W. 3001
Marianneau, G. *see* Lardet-Vieudrin, F. 32779
Mariano Primiani, V. *see* Aiello, A. 4287
Mariao, P., Poza, F., Nogueira, J. Flexible manufacturing communications network in distributed robotics 26208
Mariappan, J., Cameron, T., Berry, J. Multidisciplinary undergraduate mechatronic experiments 20477
Marias, I.F. *see* Dravopoulos, I.E. 26597
Maric, G. *see* Car, M. 20745
Maric, I. Tracking real characteristics by multiple-point autocalibration and the tangent method applied to ideal characteristics 7125
Maric, I. *see* Vujnovic, V. 36139
Maric, S.V., Moreno, O., Corrada, C. Multi-media transmission in fiber-optic LANs using optical CDMA 36195
Marica, L. *see* Craciun, G. 41897
Maricaru, M. *see* Pavelescu, D. 29480
Maricourt, F. Low power 3 volt analogue circuits [op amps] 21511
Marie, D. *see* Aboubacar, A. 41758
Marie, J.-P. *see* Elies, P. 7585
Marie, X. *see* La Jeune, P. 54076
Marieb, T. *see* Gang Bai 2437
Marienborg, J.-T., Lande, T.S., Abuskand, A., Hovin, M. An analog approach to "neuromorphic" communication 1642
Marienko, I.G. *see* Basistiy, I.V. 14257
Mariette, H., Gourgon, C., Cibert, J., Le Si Dang, Vieu, C., Brunthaler, G., Straub, H., Faschinger, W., Pelekanos, N., Ruhle, W.W. Fabrication and optical properties of CdTe/CdZnTe quantum wires and dots processed by nanolithography 12721
Mariette, H. *see* Hartmann, J.M. 755
Mariette, H. *see* Hartmann, J.M. 21245
Mariette, H. *see* Hartmann, J.M. 42132
Mariette, H. *see* Hartmann, J.M. 52704
Mariette, H. *see* Stifter, D. 54224
Marietti, P. *see* Cocco, V. 58312
Marietti, P. *see* Larciprete, N. 53477
Marignetti, F. *see* D'Angelo, G. 9588
Marigo, S. *see* Dainelli, A. 49138
Marijan, S. *see* Peric, N. 50922
Marik, R. *see* Boukouvalas, C. 30369
Marin, A. *see* Gonzalez, L. 30473
Marin, C. *see* Sochinskii, N.V. 30823
Marin, F. *see* Giacobino, E. 33564
Marin, F.P. New monitoring parameter for the traveling salesman problem 21060
Marina, R.Della *see* Della Marina, R.
Marinacci, M. Decomposition and representation of coalitional games 10279
Marinari, C. *see* Ferrero, C. 58727
Marincan *see* Yoshida, S. 21394
Marincan *see* Yoshida, S. 36886
Marincic, A. *see* Kolundzija, B. 34243
Marinder, B.-O. A simple apparatus for determining the density of solids 17810
Marine, G. *see* De Zen, G. 35583
Marine, W., Movtchan, I., Simakine, A., Patrone, L., Dreyfus, R., Sentis, M., Autric, M., Merk, N. Pulsed laser deposition of Si nanocluster films 10900
Marine, W. *see* Dolgaev, S.I. 54377
Marine, W. *see* Sassoli, H. 10867
Marinelli, C.N., Caruso, G.L. Process control and measurement: key factors insuring the success of radiation curing adhesives, sealants and encapsulants 52163
Marinelli, F. *see* Cecati, C. 38745

Marinelli, F.M. Antenna system design and optimization for a fixed imposed geometry and environment 34239
Marinelli, K. *see* Koltracht, L. 5234
Marinelli, M. *see* Allspach, D.H. 37193
Marinelli, M. *see* Kita, T. 31766
Marinelli, M. *see* Zammit, U. 52923
Marinescu, L., Petrascu, M., Dima, R., Serban, D. FN-tandem accelerator in Bucharest after the seismic protection system installation 49280
Marinetti, S., Maldague, X., Prystay, M. Calibration procedure for focal plane array cameras and noise equivalent material loss for quantitative thermographic NDT 52920
Maring, D.B., Tavlykaev, R.F., Ramaswamy, R.V. Direct observation of buried refractive-index profiles in annealed proton-exchanged $LiTaO_3$ waveguides 44022
Maring, W. *see* Koch, L. 28073
Marini, M. *see* Bigaroni, V. 26036
Marini, M. *see* Fantacci, R. 16045
Marini, M.E., Alfuso, S., Fanti, D., Perri, S. Infrared detectors 58765
Marini, M.E. *see* Baker, I.M. 36656
Marinilli, A. *see* Russell, M. 24586
Marinitsis, I.A., Lainiotis, D.G., Katsikas, S.K. Adaptive algorithms for heading-assisted radar tracking of manoeuvring targets: a comparative study 16856
Marinko, M.S. *see* Sliwa, J.A. 8054
Marinkovic, S., Zec, S. Formation of large diamond crystals in oxyacetylene flame chemical vapour deposition 914
Marinkovic, S.N. Chemical vapour deposition of diamond 10873
Marino, A. *see* Hallquist, E. 50184
Marino, I.P. *see* Lorenzo, M.N. 1173
Marino, I.P. *see* Matias, M.A. 21518
Marino, J.B. *see* Hernando, J. 45686
Marino, P., Mungiguerra, V., Porzio, M., Setola, R., Vasca, F. A simulation tool for induction motor control 61158
Marino, P. *see* Carbone, R. 9132
Marino, P. *see* Garbulsky, G.D. 39427
Marino, R., Peresada, S., Tomei, P. Global adaptive output feedback control of induction motors with uncertain rotor resistance 50984
Marino-Neto, J. *see* Coimbra, A.J.F. 34739
Marinov, V. *see* Dreischuh, A. 7621
Marinova, T. *see* Hallin, C. 54261
Marinova, Ts., Kakanakova-Georgieva, A., Kalitzova, M., Vitali, G., Pizzuto, C., Zollo, G. XPS depth profiling of laser-annealed Zn^+-implanted GaAs 42503
Marinova, Ts., Yakimova, R., Krastev, V., Hallin, C., Janzen, E. Interfacial reactions and ohmic contact formation in the Ni/Al-6H SiC system 2221
Marinovic, N. *see* Umesh, S. 24855
Marinozzi, F. *see* Cappa, P. 27435
Marinskaya, S. *see* Ferekides, C.S. 39055
Marinskiy, D. *see* Ferekides, C.S. 39055
Mario, G.Di *see* Di Mario, G.
Marioge, J.-P. *see* Picart, P. 17479
Marioge, J.P. *see* Mercier, R. 27914
Marioli, D., Sardini, E., Taroni, A. A system for the generation of static and very low-frequency reference accelerations 27336
Marioli, D. *see* Crescini 27451
Marioli, D. *see* Crescini, D. 20195
Marioli, D. *see* Crescini, D. 36464
Marioli, D. *see* Crescini, D. 58730
Marioli, D. *see* Ferrari, V. 36462
Marioli, D. *see* Ferrari, V. 58729
Marioli, D. *see* Ghidini, C. 27450
Marion-Poty, V., Miguet, S. Data allocation strategies for parallel image processing algorithms 4964
Mariotti, C. *see* Adam, W. 37221
Mariotti, E. *see* Atutov, S.N. 3497
Maripov, A. New approaches in rainbow holography 44800
Maris, T. *see* Argiris, A. 37626
Maris, T. *see* Perris, A. 8025
Mariscotti, A. *see* Cosulich, G. 61250
Mark, B.L., Ramamurthy, G. Dynamic renegotiation of UPC parameters for arbitrary traffic sources in ATM networks 5789
Mark, J.W. *see* Byoung-Joon Lee 6118
Mark, J.W. *see* Cheung, M. 46943
Mark, J.W. *see* Ghani, N. 35391
Mark, J.W. *see* Wong, W.S.V. 47817
Mark, M.B.van der *see* van der Mark, M.B.
Mark, R.G. *see* Garcia, J. 37813
Mark, R.G. *see* Jager, F. 49624
Mark, R.G. *see* Jager, F. 49688
Mark, R.G. *see* Laguna, P. 49686
Mark, R.G. *see* Laguna, P. 59646
Mark, R.G. *see* Moody, G.B. 49755
Mark, R.G. *see* Ruilin Zhao 49747
Mark, S.K. *see* Barette, J. 59207
Mark Liao Hong-Yuan *see* Hong-Yuan Mark Liao
Mark Liao Hong-Yung *see* Hong-Yung Mark Liao
Marka, E. *see* Freudenberger, R. 11989
Marka, S. *see* Sivertz, M. 37456
Markaki, M., Vasilakos, A., Kassotakis, I. A hybrid genetic algorithm for the provision of isochronous service in high speed networks 57920
Markandeyulu, G. *see* Ramkumar, P.S. 7228
Markarian, G. *see* Boyarinov, I. 45535
Markarian, G. *see* Sidorenko, V. 24712
Markarian, N.L. *see* Aroutiounian, V.M. 27967
Markelz, A.G., Asmar, N.G., Brar, B., Gwinn, E.G. Interband impact ionization by terahertz illumination of InAs heterostructures 22300
Markens, C. *see* Goureau, P. 9621
Markert, M., Bertz, A., Gessner, T. Copper dry etching technique for ULSI interconnections 42705
Markert, M. *see* Bertz, A. 42602
Markevich, I.V. *see* Kislyuk, V.V. 12219
Markey, B.G., Botter-Jensen, L., Poolton, N.R.J., Christiansen, H.E., Willumsen, F. A new sensitive system for measurement of thermally and optically stimulated luminescence 8195
Markey, B.J. *see* Paul, D.K. 34440
Markey, R. *see* Pliskin, N. 46988
Markham, B.L. *see* Irons, J.R. 8388
Markham, B.L. *see* Walthall, C.L. 8325
Markham, J.L. *see* Opila, R.L. 33048
Markhasin, A.B. Multiaccess with dynamic control of the traffic and service quality in broadband ATM networks 16058
Markin, R.E. *see* Schreiner, W.S. 50167
Markin, V.V., Miledin, V.K., Skibinskii, V.A., Fel'dman, Yu.I. Trolleybus tractional drive based on converters with GTO thyristors 9655
Markina, N., Naumov, A.P. Determination of humidity profiles from measurements of upgoing radiation at wavelengths 0.3 cm and 1.35 cm 8445
Markkanen, M., Nygren, T. Long alternating codes. 2. Practical search method 36213
Markkanen, M. *see* Nygren, T. 36212
Markkanen, M. *see* Nygren, T. 38055
Markkanen, M. *see* Saksman, E. 60047
Marklein, R., Langenberg, K.J., Kaczorowski, T. Electromagnetic and elastodynamic point source excitation of unbounded homogeneous anisotropic media 14599
Markley, D. *see* Smith, R.P. 49321
Marko, I.P. *see* Yablonskii, G.P. 55601
Marko, J., Storelli, S. Manage energy by monitoring: sensitisation for conscious management of power, exemplified by the hotel industry 20287
Marko, K.A. *see* Montgomery, T.A. 52350
Marko, P. *see* Zak, T. 3089
Marko, S., Darul'a, I. Human reliability and common mode failure analysis in running nuclear power plants 19454
Markoc, T. *see* Ming-Chieh Lee 35187
Markoff, J. The microprocessor's impact on society 11491
Markopoulos, Y. *see* Raffali-Schreinemachers, M. 26031
Markoski, I. *see* Lutovac, M.D. 53407
Markou, C.T. *see* Frangopoulos, C.A. 20278
Markoulidakis, J.G., Sykas, E.D. Performance bounds of a multiple-step paging strategy in future universal mobile telecommunication systems 16555
Markoulidakis, J.G. *see* Manolessos, I.I. 25953
Markov, A.Yu., Fradkov, A.L., Simin, G.S. Adaptive synchronization of chaotic generators based on tunnel diodes 31136
Markov, I.A. *see* Baryshnikov, F.F. 14218
Markov, P.I., Onishchenko, I.N., Ostrovsky, A.O., Sotnikov, G.V. Excitation of plasma filled BWO by high current REB 12116
Markov, V.A., Pchelyakov, O.P. Molecular-beam epitaxy of Ge_xSi_{1-x} films on Si(111): a high-energy electron diffraction study 10682
Markov, V.A. *see* Dvurechenskii, A.V. 40369
Markov, V.A. *see* Nikiforov, A.I. 21297
Markov, V.B. *see* Mejia, Y. 5507
Markov, Z. Roulette simulation of traffic process with call collisions on both-way telecommunication channels 25802
Markov, Z. Short survey of calculations of trunk group containing faulty trunks 57754
Markov, Z. *see* Trenkic, B. 46681
Markova, A. T-sum of L-R fuzzy numbers 30477
Markova, E.V. Statistical expert systems for measurement problems 7122
Markova, E.V., Granovskii, Yu.V. Prospects for building computer teaching systems for metrologists 39624
Markova, N.V. *see* Adlivankin, A.S. 14163
Markovi, B. *see* Milutinovic, V. 1339
Markovic, M., Obradovic, M. Towards optimal LPC spectral parameters estimation in standard CELP 4800 b/s speech coder 45691
Markovic, M.L. Expert system for energizing bulk power systems after a blackout 50425
Markovic, M.Z., Kovacevic, B.D., Milosavljevic, M.M. A statistical pattern recognition approach to robust recursive identification of nonstationary AR model of speech production system 14872
Markovic, O. *see* Osmokrovic, P. 27505
Markovic, V. *see* Pronic, O. 41454
Markovic, V.L. *see* Pejovic, M.M. 2891
Markovich, V. *see* Holmes, R. 1812
Markovskiy, L.N. *see* Lavrik, N.V. 58870
Markovsky, B. *see* Aurbach, D. 9484
Markovsky, B. *see* Ein-Eli, Y. 51449
Markowich, P.A. *see* Ben Abdallah, N. 54566
Markowski, G., Szczyglowski, J. Magnetic cores made of VITROVAC(R) and VITROPERM(R) in separating transformers used in thyristor tripping circuits 23379
Markowski, J. Graphite direct metallization: the through-hole technology of today 11958
Markowski, K., Seung-Eek Park, Yoshikawa, S., Cross, L.E. Effect of compositional variations in the lead lanthanum zirconate stannate titanate system on electrical properties 23168
Markowski, P. *see* Fu-Sheng Tsai 51205
Marks, A. *see* Gokhale, M. 11314
Marks, A. *see* Gokhale, M. 41005
Marks, D.G. *see* Barber, H.B. 37663
Marks, G.F. *see* Khoruv, D.S. 59671
Marks, G.W. *see* Renshall, J.T. 37999
Marks, J. AMR–much more than automated meter reading 8975
Marks, J. Speed substation design with digital imaging 9442
Marks, K. *see* Betts, W. 59222
Marks, K. *see* Bieser, F. 59307
Marks, R.B. *see* DeGroot, D.C. 17756
Marks, R.B. *see* Degroot, D.C. 48857
Marks, R.B. *see* Jargon, J.A. 17162
Marks, S., Graham, S.W., Uk, T., Chang, C.C., Geller, C., Tse, C. Optimization of photoresist and polymer removal in a via etch process 42627
Marks, T.J. *see* Lundquist, P.M. 44727
Marks, T.J. *see* Studebaker, D.B. 33701
Markstein, H.W. Ensuring signal integrity in connectors, cables and backplanes 10111
Markunas, R.J. *see* Humphreys, T.P. 41742
Markus, A. *see* Ubar, R. 9889
Markus, H.A.W., Roche, Ph., Kleinpenning, T.G.M. On the 1/f noise in polysilicon emitter bipolar transistors: coherence between base current noise and emitter series resistance noise 42941
Markus, J. *see* Herbert, S.T. 55119
Markus, K.W. Developing infrastructure to mass-produce MEMS 54844
Markus, K.W. *see* Boser, B.E. 23040
Markus, M.L. *see* El-Shinnawy, M. 57773
Markus, T., Cavalieri, D.J. Comparison of open water and thin ice areas derived from satellite passive microwave data with aircraft measurements and satellite infrared data in the Bering Sea 8486
Markushev, V.M. *see* Briskina, Ch.M. 3744
Markushin, V. *see* Muehlbauer, M. 17970
Markusik, S. *see* Szpytko, J. 39905
Markvart, T. Sizing of hybrid photovoltaic-wind energy systems 50820
Markvart, T. *see* Donolato, C. 29648
Markwardt, J. *see* Glenn, T. 8706
Markwitz, S. *see* Puder, A. 6158
Marletta, S. *see* Ciavola, G. 49152
Marley, A.C. *see* Rishton, S.A. 43606
Marley, E.A. *see* Horiuchi, T. 32258
Marley, J.A. *see* Van Eck, T.E. 44074
Marlin, B. *see* Bonda, R. 221
Marlino, L.D. *see* Hsu, J.S. 29241
Marlow, D.R. *see* Iijima, T. 37238
Marlow, D.T. *see* Irey, P.M., IV 6132
Marlowe, T.J. *see* Sinha, P. 25566
Marloye, D. *see* Berghmans, F. 38538
Marmer, E.N. Vacuum electric furnaces with heaters made from carbon composites 20232
Marmet, L., Madej, A.A., Siemsen, K.J., Bernard, J.E. Precision frequency measurement of the clock transition in a Sr^+ single atom with an ultra-stable diode laser 27342
Marmet, L. *see* Madej, A.A. 48310
Marmet, L. *see* Siemsen, K.J. 48303
Marmillion, P. *see* Maginnis, W. 49969
Marmiroli, A. *see* Tixier, A. 12740
Marmor, M.F., Holder, G.E., Porciatti, V., Trick, G.L., Zrenner, E. Guidelines for basic pattern electroretinography 28336
Marmur, I.Y. *see* Amosova, L.P. 1902
Marnane, W.P., Jordan, C.N., O'Reilly, F.J. Compiling regular arrays onto FPGAs 11307
Marnick, P. Interconnection–mobile networks 58189
Marnier, G. *see* Feve, J.P. 24164
Maro, D. *see* Lewis, B.J. 9048
Marois, P.H. *see* Gupta, A.K. 10933
Marold, N. *see* Miric, M. 18561
Marom, E. *see* Mendlovic, D. 13792
Maron, M.J., Ralston, P.A., Tyler, L.D. Utilizing the symbolic capabilities of a computer algebra system 20647
Maronchuk, I.Yu. *see* Ivashchenko, A.I. 41995
Marongiu, I. *see* Attaianese, C. 9582
Marongiu, I. *see* Attaianese, C. 9607
Marongiu, I. *see* Attaianese, C. 20142
Marongiu, I. *see* Attaianese, C. 51712
Marongiu, I. *see* Attaianese, C. 51731
Marongiu, I. *see* Attaianese, C. 61174
Marongiu, I. *see* Attainnese, C. 19187
Marongiu, I. *see* Del Pizzo, A. 61134
Marongiu, M.J. Compressibility effects in the design of gas-cooled microchannel heat sinks 265
Marongiu, M.J. Enhanced impingement cooling using nozzles with modified exit geometries for active heat sinks 21478
Marongiu, M.J. Simulation of large outdoor enclosures using model laws and similitude 39799
Marongiu, M.J. Thermal management design of battery compartments of outdoor telecommunication cabinets 51490
Marongiu, M.J. *see* Walker, A.D. 60894
Maroni, C.-S., Quinquis, A., Garlan, T. Automatic mapping of sediment layers 50019
Marosi, G. *see* Hendriks, E.A. 57461
Marotta, V. *see* Guidoni, A.G. 52763

Maroudas, D., Barone, M.E., Meng, B. Atomic-scale simulation of defect-induced amorphization of crystalline silicon 54341
Maroudas, D., Enmark, M.N., Leibig, C.M., Pantelides, S.T. Theory and computer simulation of microstructure evolution in polycrystalline metallic thin films 42735
Marowsky, G. *see* Stolle, R. 14253
Marple, S.L., Jr. Are quadratic time-frequency representations really necessary? 24939
Marquardt, J. *see* Geck, B. 27867
Marquardt, J. *see* Schneider, M. 21861
Marquardt, J.H. *see* Cruz, F.C. 48336
Marquardt, J.H. *see* Murtz, M. 48311
Marquardt, P. *see* Hartmann, E. 12444
Marquardt, R. *see* Gediga, S. 51155
Marque, C. *see* Devedeux, D. 49606
Marque, P. *see* Galinec, D. 57107
Marques, A.T. *see* De Moura, M.F.S.F. 52575
Marques, C.A. *see* Anoardo, E. 17233
Marques, F., Gasull, A. Partition coding using multi-grid chain code and motion compensation 57468
Marques, F., Marcotegui, B., Meyer, F. Tracking areas of interest for content-based functionalities in segmentation-based video coding 15901
Marques, F., Molina, C. Object tracking for content-based functionalities 56848
Marques, F. *see* Pardas, M. 25580
Marques, F. *see* Salembier, P. 35181
Marques, F.C. *see* Vilcarromero, J. 2066
Marques, F.M.B., Navarro, L.M. Performance of double layer electrolyte cells. Pt. I. Model behavior 29607
Marques, G. *see* Soares, V. 8737
Marques, G.D. Performance evaluation of the slip power recovery system with a DC voltage intermediate circuit and a LC filter on the rotor 9632
Marques, G.D. *see* Verdelho, P. 9409
Marques, G.D. *see* Verdelho, P. 9412
Marques, G.D. *see* Verdelho, P. 51189
Marques, J. *see* Esteller, R. 59589
Marques, J.L.B. *see* Harris, N.D. 49374
Marques, J.R. *see* Amiranoff, F. 17898
Marques, J.S., Abrantes, A.J. Shape alignment–optimal initial point and pose estimation 46223
Marques, L., Castro, D., Nunes, U., de Almeida, A.T. Optoelectronic proximity sensor for robotics applications 7329
Marques, L. *see* Averback, R.S. 12659
Marques, L.A., Caturla, M.-J., Diaz de la Rubia, T., Gilmer, G.H. Ion beam induced recrystallization of amorphous silicon: A molecular dynamics study 673
Marques, L.A., Rubio, J.E., Jaraiz, M., Bailon, L.A., Barbolla, J.J. Dose effects on amorphous silicon sputtering by argon ions: A molecular dynamics simulation 32163
Marques, M.A., Frere, A.F., Oliveira, H.J.Q., Schiabel, H., Azevedo Marques, P.M., Ferrari, R.J., Pereira, A.S. Computer simulation of the geometric unsharpness effect on radiologic images 37707
Marques, M.A. *see* de Azevedo Marques, P.M. 37705
Marques, M.A. *see* Oliveira, H.J.Q. 37708
Marques, P.M.Azevedo *see* Azevedo Marques, P.M.
Marques, P.M.de Azevedo *see* de Azevedo Marques, P.M.
Marques, R.F. *see* Araujo, H.M. 36565
Marques dos Santos, J.C. *see* Silva, J.A. 5623
Marques Silva, J.P., Sakallah, K.A. GRASP–A new search algorithm for satisfiability 11097
Marquet, M. *see* Bezaguet, A. 49013
Marquez, M.A. Design for manufacturing at U.N.E.T 39713
Marquez, O.W., Gonzalez Prelcic, N. An interactive software for a hypertext course in wavelets 39639
Marquis, B.P. *see* Doumanidis, C.C. 7428
Marquis, D., Parikh, S.A., Barry, R.A., Castagnozzi, D.M., Hemenway, B.R., Stevens, E.A. Control and interfaces for an all-optical network testbed 6180
Marquis, D. *see* Hemenway, B.R. 36148
Marquis-Weible, F. *see* Jordan, O.P. 4124
Marr, D.T., Natarajan, S., Thakkar, S., Zucker, R. Multiprocessor validation of the Pentium Pro 1467
Marr, J. *see* Morton, K. 20472
Marr, M.J. *see* Thomas, E.W. 20486
Marra, R.M. Developing a longitudinal evaluation program for a leadership minor 20552
Marraccini, P. *see* Paterni, M. 49441
Marrazza, G. *see* Palanti, S. 58865
Marrero, A., Ahreus, K. The evolution of programmable logic 31214
Marriage, A. *see* Nafalski, A. 20569
Marrian, C. *see* Peckerar, M. 22709
Marrian, C.R.K., Perkins, F.K., Park, D., Dobisz, E.A., Peckerar, M.C., Rhee, K.-W., Bass, R. Modeling of electron elastic and inelastic scattering 22706
Marrian, C.R.K. *see* Dobisz, E.A. 22734
Marroquin, E.M., Santamaria, E., Jove, X., Socoro, J.C. Morphological analysis of mammary biopsy images 7936
Marroquin, E.M., Vos, C., Santamaria, E., Jove, X., Socoro, J.C. Nonlinear image analysis for fuzzy classification of breast cancer 59397
Marroquin, J.L., Figueroa, J.E., Servin, M. Robust quadrature filters 55372
Marroquin, J.L. *see* Rivera, M. 35236
Marroquin, J.L. *see* Servin, M. 35233
Marrs, R.C. Advanced BGA technology for MCM applications 53872
Marrs, R.C. *see* Guenin, B.M. 20911
Mars, P. *see* Bradley, M.J. 46535
Marsaco, D., Hourquebie, P., Vallayer, B., Janah, H. Relationships between the nature of traps and dielectric properties of polymers obtained from mirror measurements 43436
Marsacq, D. *see* Hourouebie, P. 32720
Marsacq, D. *see* Vallayer, B. 13272
Marsal, L.F. *see* Pallares, J. 22310
Marsan, M.A., Baldi, M., Bianco, A., Lo Cigno, R., Munafo, M. Simulation analysis of TCP and XTP file transfers in ATM networks 5858
Marsan, M.Ajmone *see* Ajmone Marsan, M.
Marschall, G. Petri net simulation of a Fieldbus communication application 16292
Marschner, T. *see* Giannini, C. 42220
Marschner, T. *see* Rettig, R. 52664
Marschoff, C.M. *see* Terneus Escudero, A. 50691
Marsden, B. *see* Barringer, H. 31062
Marsden, G.C., Olson, B., Esener, S.C. Parallel fuzzy inference with an optoelectronic H-tree architecture 13751
Marseguerra, M., Ricotti, M.E., Zio, E. Neural network-based fault detections in a pressurized water reactor pressurizer 9045
Marsh, A. *see* Gale, D. 11133
Marsh, A. *see* Kaklamani, D.I. 45049
Marsh, C.D. *see* Moiseiwitsch, N.E. 22769
Marsh, D., Arnold, I., Ellis, N., Halliwell, J. MERLIN–interactive language learning on the Internet 35757
Marsh, D. *see* Smiddy, P.F. 7897
Marsh, G.W., Kahn, J.M. Performance evaluation of experimental 50-Mb/s diffuse infrared wireless link using on-off keying with decision-feedback equalization 6859
Marsh, J.H., Bryce, A.C., De la Rue, R.M., McLean, C.J., McKee, A., Lullo, G. Fabrication of quantum well photonic integrated circuits using laser processing 3450
Marsh, J.H. *see* Avrutin, E.A. 14100
Marsh, J.H. *see* Avrutin, E.A. 23893
Marsh, J.H. *see* Camacho, F. 23894
Marsh, J.H. *see* Camacho, F. 55664
Marsh, J.H. *see* Cusumano, P. 33534
Marsh, J.H. *see* Gray, J.M. 3845
Marsh, J.H. *see* Karkhanehchi, M.M. 55567
Marsh, J.H. *see* Krauss, T.F. 44532
Marsh, J.H. *see* Lamond, C. 23895
Marsh, J.H. *see* McIlvaney, K. 32103
Marsh, J.H. *see* McKee, A. 12507
Marsh, J.H. *see* Ooi, B.S. 42190
Marsh, J.H. *see* Ooi, B.S. 55291
Marsh, J.H. *see* Saher Helmy, A. 32170
Marsh, J.H. *see* Zheng, Z. 48542
Marsh, L.C., Wells, K.L. Key aspects of a computerized statistics course 30065
Marsh, M. A role for real CAD data in assembly? 1826
Marsh, R. *see* Fiordalice, R. 2434
Marsh, R. *see* Gelatos, A.V. 54511
Marsh, R.A. *see* Munichandraiah, N. 29550
Marsh, W., Kline, M., Kuss, F., Strack, D., Berry, M. Three dimensional flip chip packaging in LTCC for high density microwave applications 53642
Marsh, W. *see* Sidhu, T.S. 50627
Marsh, W.C. *see* Nguyen, H.G. 8626
Marshak, M.L. *see* Allison, W.W.M. 37269
Marshalek, R.G., Mecherle, G.S., Jordan, P.R. System-level comparison of optical and RF technologies for space-to-space and space-to-ground communication links circa 2000 6789
Marshalek, R.G. *see* Begley, D.L. 6781
Marshalek, R.G. *see* Ebben, T.H. 6786
Marshall, A., Murphy, K.S.J. Modelling and simulation of IR scenes and sensors in the UK current and future capabilities 36689
Marshall, A., Teggatz, R. The role of bipolar structures in a power MOS process 23006
Marshall, A.G. *see* Jackson, G.S. 7777
Marshall, A.G. *see* Yulin Huang 7749
Marshall, B.D. A calculation example of RMS motor speed 29357
Marshall, B.H., Jr., Glover, J.R., Jr. A weight vector solution of the feedback adaptive line enhancer 5671
Marshall, C., Butler, N., Blackwell, R., Murphy, R., Breen, T. Uncooled infrared sensor with digital focal plane array 17487
Marshall, C. *see* Solarz, R. 55954
Marshall, C.A. *see* Parker, T.W. 48655
Marshall, C.D., Smith, L.K., Sutton, S., Emanuel, M.A., Schaffers, K.I., Mills, S., Payne, S.A., Krupke, W.F., Chai, B.H.T. Diode-pumped gas-cooled-slab laser performance 14083
Marshall, C.D. *see* Bayramian, A.J. 3765
Marshall, C.D. *see* Petersen, A.B. 3748
Marshall, C.J. *see* Reed, R.A. 22748
Marshall, D. *see* Zatman, M. 24949
Marshall, D.F. *see* Titi, G.W. 19007
Marshall, F.J. *see* Boehly, T.R. 14059
Marshall, F.J. *see* Oertel, J.A. 37574
Marshall, G.A. *see* Chung, B.C. 42540
Marshall, G.C. *see* Anderson, L.K. 9947
Marshall, G.F., Collins, S. Fuzzy logic architecture using subthreshold analogue floating-gate devices 31415
Marshall, J. How tool vendors keep up with the latest processors 31314
Marshall, J. *see* Willcox, J.S. 50146
Marshall, J.A., Marshall, T.A., Jarrett, D.G., Dziuba, R.F. A low thermal guarded scanner for high resistance measurement systems 17736
Marshall, J.C. *see* Milanovic, V. 12871
Marshall, J.M. *see* Al-Nuaimy, E.A. 12962
Marshall, J.M. *see* Salih, A.J. 43086
Marshall, L.R. 50-W cw diode-pumped MOPA 14082
Marshall, L.R. Efficient multiwatt 2-5 μm tunable sources 24125
Marshall, L.W. *see* Wu, R. 23845
Marshall, M.S. Compact optical particulate characterization based on a tapered-fiber bundle using a holographic ring-wedge detector and optical neural network 5455
Marshall, P. *see* LaBel, K.A. 21696
Marshall, P. *see* LaBel, K.A. 43327
Marshall, P. *see* Okai, M. 23947
Marshall, P.W. *see* Jackson, G.L. 49856
Marshall, P.W. *see* LaBel, K.A. 49857
Marshall, P.W. *see* Reed, R.A. 22748
Marshall, P.W. *see* Weatherford, T.R. 43339
Marshall, R. *see* Robert, A. 8733
Marshall, R.A. Current carrying capacity of solid armatures for railguns at zero speed 24408
Marshall, R.A. The distributed energy store railgun, its efficiency, and its energy store implications 33902
Marshall, R.A., Woods, L.C., Witalis, E.A. Origin, location, magnitude and consequences of recoil in the plasma armature railgun [comment and reply] 33916
Marshall, R.E., Myers, T.J. Wingtip generated wake vortices as radar target 16862
Marshall, R.H., Ning, Y.N., Palmer, A.W., Grattan, K.T.V. High sensitivity displacement measurement using a novel fibre-optic electronically-scanned white light interferometer 36611
Marshall, R.H., Sokolov, I.A., Ning, Y.N., Palmer, A.W., Grattan, K.T.V. Photo-electromotive force crystals for interferometric measurement of vibrational response 27553
Marshall, R.H. *see* Yang, H.X. 50834
Marshall, T. *see* Arai, Y. 37267
Marshall, T. *see* Arai, Y. 37268
Marshall, T. *see* Chao, L.-L. 33559
Marshall, T.A. *see* Marshall, J.A. 17736
Marshall, T.G., Jr. Zero-phase filter bank and wavelet code r matrices: properties, triangular decompositions, and a fast algorithm 46243
Marshall, T.W. *see* Casado, A. 55842
Marshall, W.T. *see* Kalmanek, C.R. 35746
Marsi, M., Couprie, M.E., Nahon, L., Garzella, D., Hara, T., Bakker, R., Billardon, M., Delboulbe, A., Indlekofer, G., Taleb-Ibrahimi, A. Surface states and space charge layer dynamics on Si(111)2×1: a free electron laser-synchrotron radiation study 31782
Marsi, M. *see* Almeida, J. 42268
Marsi, M. *see* Kolmakov, A. 42267
Marsic, I. *see* Foran, D.J. 59481
Marsico, V. *see* Weldon, M.K. 22553
Marsico, V.E. *see* Weldon, M.K. 32203
Marsiglia, M.A. *see* De Zen, G. 35583
Marsili, L. *see* Barbarossa, S. 16876
Marsili, P. *see* Del Gobbo, G. 3685
Marsili, R., Rossi, G. The measurement of contact and grip force as reference for human hand transmitted vibration evaluation by laser scanning vibrometers 49402
Marsland, R.A. *see* Mirabedini, A.R. 2585
Marso, H. *see* Horstmann, M. 47994
Marso, M., Horstmann, M., Hardtdegen, H., Kordos, P., Luth, H. Electrical behaviour of the InP/InGaAs based MSM-2DEG diode 22755
Marso, M. *see* Horstmann, M. 58316
Marso, M. *see* Kruger, M. 33257
Marso, M. *see* Schimpf, K. 1716
Marso, M. *see* Schimpf, K. 2711
Marso, M. *see* Schimpf, K. 41444
Marsolais, E.B. *see* Daly, J.J. 18497
Marsolais, E.B. *see* Kobetic, R. 49792
Marsolf, B.A. *see* Gallivan, K.A. 10486
Marsset, B. *see* Boujida, M. 49982
Marsten, R.B. A dream come true: satellite broadcasting 36052
Marston, P. *see* Kessels, J. 58190
Marszalec, E. *see* Pietikainen, M. 5651
Marszalec, J., Myllyla, R., Moring, I., Lammasniemi, J. Range imaging sensor with no moving parts 17537
Marta, C. *see* Szekely, V. 36375
Marta, T. *see* Bristow, J. 52207
Marta, T. *see* Morgan, R.A. 47953
Martchenko, B., Myslovitch, M., Zvaritch, V. Some ADC testing procedures embedded in random signal analysis system 1537
Marteau *see* Filippini, J.C. 13283
Marteau, C. *see* Diabi, R. 23248
Martel, A. *see* Hernandez, L. 39043
Martel, A.W. Test program structure and development on the Common Test Station 36424

Martel, G., Wolffer, N., Moisan, J.Y., Gravey, P. Double phase conjugate mirror at 1.55 μm between single mode fibers with CdZnTe:V 3977
Martel, G. *see* Gauneau, M. 32969
Martel, J.-M. *see* Rebai, A. 52438
Martel, P., Wellssow, W.H. The quality of supply with electric power 38317
Martel, P., Wellssow, W.H. The quality of supply voltage 38318
Martelet, C. *see* Baccar, Z.M. 7286
Martell, S.R. *see* Semmens, J.E. 30251
Martella, M. *see* Coffelt, E. 44188
Martellenghi, M. *see* Capone, F. 19485
Martelli, F., Mecozzi, A., D'Ottavi, A., Scotti, S., Spano, P., Dall'Ara, R., Eckner, J., Guekos, G. Noise in wavelength conversion using four-wave mixing in semiconductor optical amplifiers 24166
Martelli, F., Mecozzi, A., D'Ottavi, A., Spano, S.S.P., Dall'Ara, R., Eckner, J., Guekos, G. Increase of signal to noise ratio in wavelength conversion using four-wave mixing in semiconductor optical amplifiers 44746
Martelli, F. *see* Worren, T. 54227
Martelli, M. *see* Carli, F. 18529
Martelli, M. *see* Filippetti, F. 1037
Martelli, S. *see* Larciprete, R. 800
Martello, W.E. Developing a logic for effective engineering management of energy issues 19196
Martellotti, G. *see* Annis, P. 59237
Martellotti, G. *see* Berkovski, A.G. 12123
Marten, R. *see* Seidl, A. 10646
Martens, H.-J.von *see* von Martens, H.-J.
Martens, J.-B., Kayargadde, V. Image quality prediction in a multidimensional perceptual space 57005
Martens, J.-B. *see* van Dijk, A.M. 56707
Martens, J.-B. *see* van Dijk, A.M. 56758
Martens, J.-B. *see* van Dijk, A.M. 57088
Martens, J.-P. *see* Vorstermans, A. 4609
Martens, L. *see* De Zutter, D. 24505
Martens, L. *see* Dhondt, G. 36844
Martens, L. *see* Haelvoet, K. 24573
Martens, L. *see* Peeters, J. 6413
Martens, L. *see* Sercu, S. 45281
Martens, R., Claesen, L. On-line signature verification by dynamic time-warping 5589
Martens, R., Pecht, M. The effects of wipe on corroded nickel contacts 11804
Martens, S. *see* Grimmer, D. 29647
Martens, W.L.J. *see* Veltink, P.H. 18214
Martensson, P. *see* Owman, F. 12771
Marth, M. *see* Gottert, J. 23565
Marthon, P. *see* Sery, F. 58437
Marthouret, F. *see* Peccolo, M.A. 24386
Marti, A. *see* Luque, A. 61081
Marti, E. *see* Salembier, P. 57105
Marti, J., Capmany, J. Transfer functions of double- and multiple-cavity Fabry-Perot filters driven by Lorentzian sources 23645
Marti, J., Casals, A. Model-based objects recognition in man-made environments 25794
Marti, J., Pastor, D., Tortola, M., Capmany, J., Montero, A. On the use of tapered linearly chirped gratings as dispersion-induced distortion equalizers in SCM systems 36093
Marti, J. *see* Pastor, D. 3380
Marti, J. *see* Pastor, D. 48023
Marti, J. *see* Pastor, D. 55228
Marti, J. *see* Peral, E. 13569
Marti, J. *see* Peral, E. 14326
Marti, J. *see* Sales, S. 13602
Marti, J.B.Ejea *see* Ejea Marti, J.B.
Marti, J.R., Linares, L.R., Dommel, H.W. Current transformers and coupling-capacitor voltage transformers in real-time simulations 38768
Marti, J.R., Louie, K.W. A phase-domain synchronous generator model including saturation effects 50924
Marti, J.R. *see* Gole, A.M. 38858
Marti, J.R. *see* Nguyen, H.V. 50570
Marti, L., Dommel, H.W. Calculation of voltage profiles along transmission lines 50572
Marti, O. *see* Brunner, R. 43597
Marti, O. *see* Kamp, H. 21262
Marti, U. *see* Robadey, J. 23900
Marti, U. *see* Robadey, J. 33523
Marti i Garcia, S. *see* Allport, P.P. 37375
Marti-Canales, J. Rapid degradation of MESFETs under impact ionization and low-temperature conditions 21928
Marticello, D.N., Hopper, D.G. Insertion of field emission displays into high performance cockpits 18615
Marticello, D.N. *see* Quast, T. 18990
Martijn de Sterke, C. *see* Steel, M.J. 14248
Martijn de Sterke, C.M. *see* Psaila, D.C. 23471
Martil, I., Martinez, F.L., Lucia, M.L. An undergraduate experiment: the determination of the structure of Ge and Si based bipolar transistors 54592
Martil, I., Redondo, E., Ojeda, A. Influence of defects on the electrical and optical characteristics of blue light-emitting diodes based on III-V nitrides 44274
Martil, I. *see* Ojeda, A.M. 55445
Martin, A. *see* Curram, S. 9027
Martin, A. *see* Gasos, J. 16984
Martin, A. *see* Liu, T. 17456
Martin, A. *see* Sanchez, J. 35622
Martin, A.D. *see* Neves, B.R.A. 12391
Martin, A.J. *see* Prince, J.C. 18982
Martin, A.L., Vu-Dinh, T. A statistical characterization of point-to-point microwave links using biased Rayleigh distributions 58136
Martin, A.Q. *see* Williams, J.H. 33961
Martin, A.Q. *see* Yegin, K. 34313
Martin, A.S., Sambles, J.R. Molecular rectification, photodiodes and symmetry 53817
Martin, B. Sub-half-micron contact holes by i-line lithography using attenuated phase shift reticles 32341
Martin, B., Arthur, G. Investigation of photoresist-specific linearity in optical lithography 42838
Martin, B., Arthur, G. Analysis of side-lobe printability in sub-half-micron contact hole definition 42840
Martin, B. *see* Arai, Y. 37267
Martin, B. *see* Arai, Y. 37268
Martin, B. *see* Arthur, G. 42827
Martin, B. *see* Arthur, G. 42837
Martin, B. *see* Mestric, R. 47946
Martin, B. *see* Renaud, M. 16730
Martin, B. *see* Ridkin, W.D. 39962
Martin, B., Jr *see* Sunderland, D.A. 22777
Martin, B.C. A 2-ns 2.5/3.3-volt BiCMOS bus transceiver using pass-NMOS BiCMOS design 21779
Martin, B.J., Armstrong, T.J., Foulke, J.A., Natarajan, S., Klinenberg, E., Serina, E., Rempel, D. Keyboard reaction force and finger flexor electromyograms during computer keyboard work 49584
Martin, C. *see* Cordero, M. 10492
Martin, C. *see* Lockwood, P. 15700
Martin, C.San *see* San Martin, C.
Martin, D., Konczykowska, A. Very high speed circuits layout design with automated parasitic symmetrization 13097
Martin, D. *see* Abileah, R. 38083
Martin, D. *see* Buehler, M. 28554
Martin, D. *see* Capozzi, V. 12401
Martin, D. *see* Kurita, N. 49229
Martin, D. *see* Macarie, R. 50783
Martin, D. *see* Robadey, J. 23900
Martin, D. *see* Robadey, J. 33523
Martin, D.A. *see* Holmes, D.G. 29446
Martin, D.K. *see* Mackowski, M.J. 18690
Martin, E. *see* Philippe, J.-L. 21748
Martin, E. *see* Sentieys, O. 11250
Martin, E.A. *see* Wohlmuth, W.A. 58751
Martin, E.J., Cone, S.M., Feitshans, G.L. An autonomous landing guidance system head-up display symbology evaluation 18652
Martin, F., Bull, D.R. An improved architecture for the adaptive discrete cosine transform 5171
Martin, F. *see* Alexeev, G. 59200
Martin, F. *see* Benistant, F. 22839
Martin, F. *see* Garcia-Garcia, J. 22754
Martin, F. *see* Guillaumot, B. 1371
Martin, F. *see* Licciardi, L. 6399
Martin, F. *see* Licciardi, L. 6410
Martin, F. *see* Licciardi, L. 58063
Martin, F. *see* Pelloie, J.L. 22816
Martin, F. *see* Sagnes, I. 22595
Martin, F. *see* Sune, J. 2729
Martin, F.J.Ferrero *see* Ferrero Martin, F.J.
Martin, G. *see* Lardet-Vieudrin, F. 32779
Martin, G. *see* Patel, D.N. 30164
Martin, G. *see* Pereiaslavets, B. 13033
Martin, G. *see* Seaford, M. 54688
Martin, G. *see* Seaford, M.L. 13019
Martin, G. *see* Smith, D.J. 31861
Martin, G.A., Sverdlow, B.N., Botchkarev, A., Morkoc, H.-D., Smith, D.J., Tsen, S.-C.Y., Thompson, W.H., Nayfeh, M.H. Gallium nitride epitaxy on silicon: importance of substrate preparation 21254
Martin, G.A. *see* Sverdlov, B.N. 21269
Martin, G.B. *see* Cole, M.S. 20890
Martin, G.H. *see* Burm, J. 32459
Martin, G.H. *see* Jinwook Burm 16694
Martin, G.L. The Hydran(R)–a system for the detection and monitoring of failure conditions in power transformers 38804
Martin, G.R., Packwood, R.A., Steliaros, M.K. Reduced entropy motion compensation using variable sized blocks 56858
Martin, H. *see* Hessenmuller, H. 58029
Martin, H. *see* Von Der Straten, G. 58001
Martin, H.O. *see* Iguain, J.L. 784
Martin, H.O. *see* Iguain, J.L. 54042
Martin, I., Quarto, R., Dozin, B., Cancedda, R. Producing prefabricated tissues and organs via tissue engineering 59798
Martin, J., Atkins, G., Ouellette, F., Tetu, M., Deslauriers, J., Duguay, M.A. Correlation between UV-excited photoluminescence and refractive index change in photosensitive Ge-doped and hydrogenated optical fibre 13593
Martin, J., Bettin, H., Kuetgens, U., Stumpel, J., Becker, P., Zulehner, W. Study of self-point defects in highly-pure silicon 27199
Martin, J. *see* Alesi, C. 26056
Martin, J. *see* Alesi, C. 46818
Martin, J. *see* Barcelo, F. 47780
Martin, J. *see* le Grand, J.B. 32915
Martin, J. *see* Ludman, J.E. 61086
Martin, J. *see* Ohkubo, M. 7850
Martin, J.C. *see* Plana, R. 53566
Martin, J.C.De *see* De Martin, J.C.
Martin, J.E. An absolute radiation detector 48284
Martin, J.E., Thwaite, C. Absolute radiometry in space using a cryogenic mechanical cooler 28612
Martin, J.E. *see* Halsey, T.C. 976
Martin, J.J. Estimation of aluminum and growth-defect content in cultured quartz by using infrared absorption 13236
Martin, J.J. Acoustic loss in cultured quartz 13240
Martin, J.L., Nozal, L.L. Configurable modular processor for application to artificial vision, using field programmable gate arrays for real time parallel processing of images of very high definition 4961
Martin, J.L. *see* Bonnefoy, J.P. 37499
Martin, J.L.J., Gonzalez, F.J.O. Design methods of low-power crystal oscillators for wireless applications 54987
Martin, J.L.Jimenez *see* Jimenez Martin, J.L.
Martin, J.M., Hernandez, J.L., Adell, L., Rodriguez, A., Lopez, F. Arrays of thermally evaporated PbSe infrared photodetectors deposited on Si substrates operating at room temperature 17393
Martin, J.M., Rosolen, C. Perspectives of the ROT 54/32/2.6 in astronomy 17011
Martin, J.M. *see* Quintanilla, L. 42070
Martin, J.P., Tindall, C.E., Morrow, D.J., Calvert, P.A.J. Sudden three-phase short circuits on brushless alternators 19724
Martin, J.P. *see* Auffray, E. 37281
Martin, J.P. *see* Bryson, G.M. 19705
Martin, J.S. *see* Barnett, J.M. 42462
Martin, J.S. *see* Rash, C.E. 18636
Martin, J.S. *see* Tong, J.K. 42628
Martin, J.W. *see* Kahle, C.F., II. 1799
Martin, J.W. *see* Puchert, M.K. 2055
Martin, K., Stewart, C.V., Hammond, R. Real time tracking of borescope tip pose 20964
Martin, K.I., Clarkson, W.A., Hanna, D.C. Increased single-frequency power from end-pumped ring lasers by pump beam displacement 14051
Martin, K.I., Clarkson, W.A., Hanna, D.C. High-power single-frequency operation, at 1064 nm and 1061.4 nm of a Nd:YAG ring laser end-pumped by a beam-shaped diode bar 23850
Martin, K.I., Clarkson, W.A., Hanna, D.C. Self-suppression of axial mode hopping by intracavity second-harmonic generation 55884
Martin, K.M. *see* Jackson, W.-A. 4537
Martin, K.M. *see* Jackson, W.-A. 4540
Martin, K.M. *see* Jackson, W.A. 4541
Martin, K.P. *see* Gillis, H.P. 2355
Martin, K.P. *see* Gillis, H.P. 12757
Martin, K.P. *see* Gillis, H.P. 54460
Martin, K.P. *see* Rainer Dohle, G. 245
Martin, K.W. *see* Duncan, R. 53424
Martin, L. Persuasive presentations [educational technology] 20458
Martin, L. Radiation tolerant computer design to meet customer interface requirements for miniature inertial measurement unit (MIMU) space applications emphasizing low life cycle costs 49937
Martin, L. *see* Karthik, S. 40778
Martin, L.E.M. Red hot Java 47008
Martin, M. *see* Abbott, B. 59324
Martin, N. *see* Roguet, W. 34959
Martin, N.C., Dees, R.N., Sachs, D.A. The application of accelerometers to the measurement of compliant baffle characteristics: effects of sensor size and mass 17876
Martin, N.M. *see* Le-Tien, T. 26969
Martin, P., Ferrandiz, J.M. Multistep numerical methods based on the Scheifele G-functions with application to satellite dynamics 40159
Martin, P., Rouchon, P. Two remarks on induction motors 60754
Martin, P. *see* Cerre, N. 26688
Martin, P. *see* Chelouah, A. 60755
Martin, P. *see* Chusseau, L. 2021
Martin, P. *see* Gaiffe, T. 27616
Martin, P. *see* Graindorge, P. 36616
Martin, P. *see* Taufflieb, E. 23778
Martin, P. *see* Thomas, A. 52315
Martin, P. *see* Zhu, Z. 46802
Martin, P.Herrero *see* Herrero Martin, P.
Martin, P.J. *see* Andre, M.P. 37726
Martin, P.N. Service creation for intelligent networks: delivering the promise 47268
Martin, R., Gustafsson, S. The echo shaping approach to acoustic echo control 34635
Martin, R., Scroggie, A.J., Oppo, G.-L., Firth, W.J. Stabilization, selection, and tracking of unstable patterns by Fourier space techniques 4055
Martin, R. *see* Dempsey, T. 60144
Martin, R.D., Russell, H.B. Investigation of least resistance routing in a mobile SINCGARS packet radio network 60140
Martin, R.G. *see* Garcia, S.G. 14690
Martin, R.J., Kearney, M.J. Remote sea current sensing using HF radar: an autoregressive approach 50087
Martin, R.L. Al Maschke and heavy ion fusion 59122
Martin, R.L. *see* Campbell, I.H. 22443
Martin, R.W., Legget, M., McDonald, J., Li, X.-N., Leotta, D., Bolson, E., Bashein, G., Otto, C.M., Sheehan, F.H. Stereographic viewing of 3D ultrasound images: a novelty or a tool? 28128
Martin, R.W. *see* Leotta, D.F. 28124
Martin, R.W. *see* Wood, A.K. 40337

Martin, R.W. *see* Xiang-Ning Li 28127
Martin, S. *see* Jie Zhang 30808
Martin, S. *see* Mills, M.E. 43424
Martin, S. *see* Nghiem, S.V. 60077
Martin, S.C. *see* Kim, M. 31497
Martin, S.C. *see* Kim, M. 34300
Martin, S.C. *see* Molnar, A.C. 41466
Martin, S.C. *see* Reddy, M. 53652
Martin, S.J. *see* Luklum, R. 48933
Martin, S.T., Li, G.P., Worley, E., White, J. Modeling the bias and scaling dependence of drain current fluctuations due to single carrier trapping in submicron MOSFET's 2699
Martin, S.T., Li, G.P., Worley, E., White, J. Plasma etching induced oxide degradation: effects upon device performance and circuit yield 42598
Martin, S.W. *see* Vogel, E.M. 13584
Martin, T.H. *see* Agee, F.J. 54888
Martin, U. Statistical mobile radio channel simulator for multiple-antenna reception 58200
Martin, V. *see* Dolabdjian, C. 7294
Martin, V. *see* Recio, M. 58623
Martin, V.E., Reitlinger, C.E., Wolf, G., Schubert, E., Bergmann, H.W. Hard magnetic Nd-Fe-B powders produced by liquid gas atomization 3117
Martin, W.R. *see* Descalle, M.-A. 8137
Martin, Y. *see* Makhrovskiy, O. 35797
Martin Bueno, F.J. *see* Duque Perez, O. 8881
Martin dit Neuville, S. Intelligence fusion 24974
Martin Manchado, J.S. *see* Alonso Fernandez, J.M. 1434
Martin-Badosa, E. *see* Carnicer, A. 56973
Martin-Badosa, E. *see* Fernandez, X. 46039
Martin-Badosa, E. *see* Juvells, I. 35339
Martin-Badosa, E. *see* Vallmitjana, S. 15687
Martin-Del-Brio, B., Medrano-Marques, N.J., Dominguez-Navarro, J.A., Ramirez-Rosado, I.J., Barquillas-Pueyo, J., Blasco-Alberto, J.A., Garcia-Villares, J.L. Short-term electric power load-forecasting using artificial neural networks. I. Self-organizing networks for classification of day types 38269
Martin-Del-Brio, B. *see* Garcia-Villares, J.L. 38270
Martin-Gago, J.A., Gornez-Rodriguez, J.M., Veuillen, J.Y. Growth and morphology of epitaxial $ErSi_{1.7}$ films on Si(111)7x7 studied by scanning tunneling microscopy 30756
Martin-Regalado, J., Balle, S., San Miguel, M. Polarization and transverse-mode dynamics of gain-guided vertical-cavity surface-emitting lasers 55700
Martin-Regalado, J., Prati, F., San Miguel, M., Abraham, N.B. Polarization properties of vertical-cavity surface-emitting lasers 55676
Martin-Regalado, J., San Miguel, M., Abraham, N.B., Prati, F., Tissoni, G. Polarization properties and transverse mode characteristics in quantum well vertical cavity surface emitting lasers 14101
Martin-Regalado, J., van Tartwijk, G.H.M., Balle, S., san Miguel, M. Effects of external optical feedback in broad area lasers 33482
Martincic, R. *see* Korun, M. 59205
Martineau, G. *see* Borys, A. 52025
Martineau, M. *see* Cole, E.L. 59984
Martineau, R.J. *see* Babu, S.R. 49872
Martineau, R.L. *see* Krawczyk, F.L. 7704
Martinelli, G. *see* Andriollo, M. 9645
Martinelli, G. *see* Cordier, P. 43946
Martinelli, G. *see* Delevaque, E. 48025
Martinelli, G. *see* Depero, L.E. 30906
Martinelli, G. *see* Ferroni, M. 52829
Martinelli, G. *see* Ferroni, M. 58877
Martinelli, G. *see* Pureur, D. 23476
Martinelli, G. *see* Pureur, D. 43932
Martinelli, G. *see* Taunay, T. 13617
Martinelli, G. *see* Youssef, G.M.A. 12209
Martinelli, G. *see* Youssef, G.M.A. 20049
Martinelli, M. *see* Gallone, G. 36843
Martinelli, M. *see* Marchetti, S. 13908
Martinelli, M. *see* Pietralunga, S. 16699
Martinen, D., Decker, I., Wohlfahrt, H. Fast spatial-resolved diagnostics of high-power CO_2 laser beams 55772
Martinengo, P. *see* Weilhammer, P. 37429
Martinerie, F. Data fusion and tracking using HMMs in a distributed sensor network 38159
Martinerie, J. *see* Pezard, L. 37767
Martinet, E. *see* Biasiol, G. 737
Martinet, E. *see* Biasiol, G. 40484
Martinet, L. *see* Gonget, N. 58428
Martinet Flores, J. *see* Garcia Nocetti, D.F. 4737
Martineui, G. *see* Yang, B. 58897
Martinez, A., Abud, D., Cobos, J.A., Sebastian, J., Uceda, J., Arau, J. Design trade-offs in a boost topology used as a PF controller 51375
Martinez, A. *see* Burdio, J.M. 51167
Martinez, A. *see* Cobos, J.A. 9345
Martinez, A. *see* Duchateau, J.L. 32948
Martinez, A. *see* Garcia, J.R. 51855
Martinez, A. *see* Omri, M. 31745
Martinez, A. *see* Rousset, B. 38382
Martinez, A. *see* Ruiz, A. 26540
Martinez, A.C. Conduction velocity along muscle fibers in situ in Myasthenia Gravis 28308
Martinez, B. *see* Blaskov, V. 32820
Martinez, B. *see* Seffar, A. 3145
Martinez, C., Encinas-Sanz, F., Serna, J., Mejias, P.M., Martinez-Herrero, R. Beam quality of TEA CO_2 laser pulses: influence of the gas mixture and of intracavity apertures 55773
Martinez, C. *see* Garcia, J.L. 3170
Martinez, C. *see* Scholl, M. 55791
Martinez, E., Thun, J., Patin, Y., Leray, S., Beau, M., Boudard, A., Boue, F., Bouyer, P., Boyard, J.L., Brochard, F., Crespin, S., Drake, D., Duchazeaubeneix, J.C., Durand, J.M., Frehaut, J., Kowalski, L., Legrain, R., Lochard, J.P., Menard, S., Milleret, G., Petibon, E., Plouin, F., Terrien, Y., Uematsu, M., Vuillier, S., Whittal, D.M. Spallation neutron spectra measurements. Pt. II. Proton recoil spectrometer 49350
Martinez, E. *see* Jove, X. 15640
Martinez, E. *see* Luis, F. 3146
Martinez, F. *see* Wood, R.L. 49189
Martinez, F.L. *see* Martil, I. 54592
Martinez, G. Shape estimation of articulated 3D objects for object-based analysis-synthesis coding (OBASC) 56670
Martinez, I.Angulo *see* Angulo Martinez, I.
Martinez, J., Staffetti, E., Thomas, F. A recursive updating rule for efficient computation of linear moments in sliding-window applications 5385
Martinez, J. *see* Cervera, M. 12618
Martinez, J. *see* Perez, J. 7517
Martinez, J. *see* Shadaram, M. 36775
Martinez, J.-P. *see* Bury, P. 37542
Martinez, J.A., Alonso, J.M., Lopez, E., Calleja, A.J. Switching DC/DC converter control techniques workbench 60906
Martinez, J.A. *see* Gole, A.M. 38858
Martinez, J.A. *see* Sebastian, J. 51226
Martinez, J.Guerrero *see* Guerrero Martinez, J.
Martinez, J.L., Khan, A.Y. Heat and mass transfer performance analysis of a compact, hybrid liquid desiccant absorber 29891
Martinez, J.L. *see* Prieto, C. 13436
Martinez, J.L., Jr. *see* Fusaro, J.M. 10114
Martinez, J.L., Jr. *see* Fusaro, J.M. 30211
Martinez, J.M., Bescos, J., Cisneros, G. Functional services for application development 47341
Martinez, J.M. *see* Bescos, J. 16400
Martinez, J.M. *see* Bescos, J. 47340
Martinez, L. *see* Guinjoan, F. 60929
Martinez, L. *see* Hernanz, J. 29382
Martinez, L. *see* Lopez-Rivera, S.A. 32816
Martinez, L.M. *see* Blaskov, V. 32820
Martinez, M. *see* Crane, J.K. 14087
Martinez, M. *see* Paperman, W.D. 59831
Martinez, M. *see* Warner, B.E. 172
Martinez, M.A., Guillen, C., Gutierrez, M.T., Herrero, J. Optimisation of CdS-TCO bilayers for their application as windows in photovoltaic solar cells 9544
Martinez, M.A., Herrero, J., Gutierrez, M.T. Deposition of transparent and conductive Al-doped ZnO thin films for photovoltaic solar cells 41990
Martinez, M.A. *see* Algora, C. 12640
Martinez, M.A. *see* Guillen, C. 51563
Martinez, M.A.G. *see* Romero, M.A. 21907
Martinez, M.J., Schirmann, E., Durlam, M., Halchin, D., Burton, R., Huang, J.-H., Tehrani, S., Reyes, A., Green, D., Cody, N. P-HEMTs for low-voltage portable applications using filled gate fabrication process 43120
Martinez, M.J. *see* Huang, J.H. 42284
Martinez, M.L.B., Zanetta, L.C., Jr. Comments on metal oxide surge arresters surges energy absorption capacity 19408
Martinez, N., Ruiz de Angulo, L., Harris, I.R. Study of the effect of HDDR processing conditions on properties and microstructure of Nd-(Fe,Co,Ga)-B magnetic powders 3101
Martinez, O.Farpon *see* Farpon Martinez, O.
Martinez, P., Schertzer, D., Schmitt, F., Pham, K. Polarization influence on multifractal processing for terrain classification in a SAR image 16917
Martinez, P. *see* Baez-Lopez, D. 20491
Martinez, P. *see* Gonzalo, C. 56452
Martinez, P.A., Sabadell, J., Aldea, C. Grounded resistor controlled sinusoidal oscillator using CFOAs 40949
Martinez, P.M. *see* Mur, F. 9352
Martinez, P.M. *see* Szelag, A. 51773
Martinez, S. *see* Gantet, P. 37618
Martinez, S. *see* Gonzalez, G. 35674
Martinez, S. *see* Krawczynski, H. 37287
Martinez, S. *see* Mur, F. 9352
Martinez, T.R. *see* Ventura, D. 26043
Martinez, V. *see* Courtney, C. 4297
Martinez, V.J. *see* Roldan, E. 44337
Martinez-Anton, J.C., Bernabeu, E. Simultaneous determination of film thickness and refractive index by interferential spectrogoniometry 7620
Martinez-Aroza, J. *see* Garcia-Cabrera, L. 1612
Martinez-Duart, J.M., Guerrero-Lemus, R., Moreno, J.D. Luminescent porous silicon 1967
Martinez-Duart, J.M. *see* Guerrero-Lemus, R. 819
Martinez-Duart, J.M. *see* Perez-Rigueiro, J. 42650
Martinez-Duart, J.M. *see* Perez-Rigueiro, J. 54575
Martinez-Guridi, G. *see* Wong, S.M. 38569
Martinez-Herrero, R., Mejias, P.M., Movilla, J.M. Spatial parametric characterization of partially polarized beams 55777
Martinez-Herrero, R. *see* Martinez, C. 55773
Martinez-Herrero, R. *see* Piquero, G. 55775
Martinez-Lopez, J., Gonzalez-Manas, M., Caballero, M.A., Dieguez, E., Capelle, B. Synchrotron X-ray topography of bismuth silicon oxide crystals 10595
Martinez-Miranda, L.J. *see* Chow, G.M. 54519
Martinez-Perez, I. *see* Gray, H.F. 59482
Martinez-Rubio, A. *see* Sierra, G. 59730
Martinez-Salamero, L. *see* Garcia-Deza, C. 51166
Martinez-Smith, A., Sridhar, R. On-line detection of environmentally-induced delay faults in CMOS wave pipelined circuits 11391
Martinez-Smith, A. *see* Sridhar, R. 2830
Martinez-Velasco, J.A., Bogarra-Rodriguez, S. Surge protection of underground networks with metal-oxide arresters 19414
Martinez-Velasco, J.A., Bogarra-Rodriguez, S. Modelling of distribution transformers for low frequency transient studies 19830
Martinez-Velasco, J.A. *see* Capolino, G.A. 61176
Martini, C. *see* Spinelli, G. 35592
Martini, E.J. *see* Patel, S.V. 53788
Martini, G. *see* Faustini, L. 55181
Martini, G. *see* Rivetti, A. 48450
Martini, G. *see* Spinelli, G. 46934
Martini, M., Paravis, S., Liguori, C. A new high sensitivity spectrometer for 3-D thermoluminescence analysis 8202
Martini, M. *see* Auffray, E. 18084
Martini, M.De *see* De Martini, M.
Martini, P. *see* Ottensmeyer, J. 46798
Martini, R., Klose, G., Roskos, H.G., Kurz, H., Grahn, H.T., Hey, R. Superradiant emission from Bloch oscillations in semiconductor superlattices 22410
Martini, R. *see* Pfeifer, T. 3445
Martini, T., Steinkirchner, J., Gosele, U. The crack opening method in silicon wafer bonding. How useful is it? 41839
Martinis, C.de *see* de Martinis, C.
Martinis, J.M. *see* Keller, M.W. 27314
Martinka, J., Friedrich, R., Sienknecht, T. Murky transparencies: clarity using performance engineering 5951
Martinka, J. *see* Friedrich, R. 6074
Martinka, M. *see* Benson, J.D. 710
Martinka, M. *see* Dinan, J.H. 36671
Martino, C.A. *see* Fresina, M.T. 2606
Martino, J.-C.Di *see* Di Martino, J.-C.
Martino, J.A. *see* Pavanello, M.A. 22829
Martino, J.A. *see* Simoen, E. 42992
Martino, J.P. *see* Wicks, F. 29154
Martino, M. *see* D'Anna, E. 906
Martino, M. *see* Luby, S. 2451
Martino, P.di *see* di Martino, P.
Martino, R. *see* Ambrico, M. 10865
Martino, R. *see* Ambrico, M. 21359
Martino, R. *see* Giardini, A. 903
Martinoia, S. *see* Cambiaso, A. 18930
Martinoia, S. *see* Fanigliulo, A. 7454
Martinoia, S. *see* Grattarola, M. 58864
Martinotti, D. *see* Guziewocz, E. 12528
Martinotti, D. *see* Orlowski, B.A. 2249
Martinov, V.P. *see* Tamulaitis, G. 3589
Martins, A.C.G., Rangayyan, R.M. Cepstral filtering and analysis of image texture in the Radon domain 15499
Martins, A.G., Coelho, D., Henggeler Antunes, C., Climaco, J. A multiple objective linear programming approach to power generation planning with demand-side management (DSM) 28851
Martins, A.P., Carvalho, A.S., Araujo, A.S. Parallel operation of standard uninterruptible power supplies by reactive power control 51238
Martins, A.P. *see* Carvalho, A.S. 51183
Martins, C. *see* Neto, J.P. 34644
Martins, D.C., da Silva, P.A., Jr., Selinke, R.A. PID controller implementation in numerical simulation program applied to the power static converter 51320
Martins, D.C., de Souza Campos, F., Barbi, I. ZETA converter with high power factor operating in continuous conduction mode 51204
Martins, D.C., Pottker, F. Generation of an expanded state-space system applied to the static converters numerical simulation 19832
Martins, D.C. *see* de Seixas, F.J.M. 19833
Martins, D.C. *see* Sebastiao de Andrade, E. 51298
Martins, D.Cruz *see* Cruz Martins, D.
Martins, E. *see* Baldochi, S.L. 10600
Martins, F.C.M., Shiojiri, H., Moura, J.M.F. 3D-3D registration of free formed objects using shape and texture 56856
Martins, F.C.M., Wei Ding, Feig, E. Joint control of spatial quantization and temporal sampling for very low bit rate video 25387
Martins, H., Li Chung, Kwok, S.S.L. Information system support for house of quality 10189
Martins, H.J.A., Neves, A., Amorim, I.B., Maranhao, F. The effect of fast transient overvoltages on 550 kV SF_6/oil transformer bushings 19921
Martins, H.J.A. *see* Neves, A. 13294
Martins, J., Dias, V. Harmonic distortion due to output conductance in SI cells 21833
Martins, J., Hubaux, J.-P., Saydam, T., Znaty, S. Integrating performance evaluation and formal specification 5977
Martins, J.E., Franco, J.F.M.S., Longo, S. The Brazilian intelligent network platform challenges and results 35801
Martins, L.F., Shreve, S.E., Soner, H.M. Heavy traffic convergence of a controlled multiclass queueing system 10250

Martins, L.F.O. *see* dos Santos Fo, S.G. 40515
Martins, M.S. *see* Benner, S.M. 28485
Martins, N. The dominant pole spectrum eigensolver [for power system stability analysis] 50301
Martins, N., Rosa, A.C. EEG non-stationary spectrum analysis and feature extraction 28346
Martins, R., Bicho, A., Lavareda, G., Fortunato, E. Dependence of amorphous silicon solar cell performances on the lateral drift current 51573
Martins, R. *see* Fantoni, A. 20035
Martins, R. *see* Fortunato, E. 17484
Martins, R. *see* Topic, M. 48533
Martins, R.F.P., Fortunato, E.M.C. Interpretation of the static and dynamic characteristics of 1-D thin film position sensitive detectors based on a-Si:H p-i-n diodes 17354
Martins-Filho, J.F. *see* Weiss, M.N. 13648
Martinsen, O.G., Grimnes, S., Nilsen, S.H. Separation of electrode polarization from bioimpedance data 59609
MartinsFilho, J.F. *see* McDougall, S.D. 23996
Martinson, T., Wozniak, P., Norman, J. Power lines and ionizing radiation 49820
Martinson, T. *see* Boettle, D. 26456
Martinson, T. *see* Masetti, F. 26444
Martinsson, H. *see* Ghisoni, M. 44778
Martinsson, T. *see* Niemi, E. 39066
Martint, G.H., Lepore, A., Seaford, M., Pereiaslavets, B., Spencer, R.M., Eastman, L.F. High temperature operation of AlInAs/InGaAs/AlInAs 3D-SMODFETs with record two-dimensional electron gas densities 43140
Martinu, L. *see* Gujrathi, S.C. 13787
Martinu, L. *see* Popovici, D. 42732
Martinuzzi, S., Perichaud, I., Clerc, L., Bacon, M., Floret, F., Sarti, D., Dour, G., Quan Nam Le, Goaer, G., Durand, F. From mc-Si material made by cold crucible continuous pulling to solar cells 39018
Martinuzzi, S. *see* Gay, N. 54323
Martinuzzi, S. *see* Perichaud, I. 10671
Martinuzzi, S. *see* Perichaud, I. 31774
Martinuzzi, S. *see* Porre, O. 39021
Martinuzzi, S. *see* Stemmer, M. 31770
Martinuzzi, S. *see* Veve, C. 12206
Martirossian, R.M. *see* Ajvazyan, H.H. 38064
Martonak, R., Tosatti, E. Third-order dielectric susceptibility in a model quantum paraelectric 24158
Martone, M. Hybrid nonlinear moments subspace processing for wireless communication systems using antenna arrays 6546
Martone, M. Cumulant-based adaptive multi-channel filtering for wireless communication systems afflicted by multipath using antenna arrays 47644
Martone, M. Uplink channel estimation in DS/CDMA mobile radio systems with antenna arrays using subspace identification methods 47794
Martone, R. *see* Formisano, A. 51628
Martonosi, M. *see* Zhong, P. 41126
Martorell, J., Sprung, D.W.L. Systematics of properties of the electron gas in deep-etched quantum wires 2179
Martorell, J., Vilaseca, R., Corbalan, R. Second harmonic generation in a photonic crystal 33669
Martorell, J. *see* Massaneda, J. 7656
Martucci, S.A., Sodagar, I. Zerotree entropy coding of wavelet coefficients for very low bit rate video 57289
Martucci, S.A., Sodagar, I., Chiang, T., Ya-Qin Zhang A zerotree wavelet video coder 35185
Martus, K. *see* Kurunczi, P. 40633
Marty, A. *see* Andrieux, L. 11705
Marty, A. *see* Granier, H. 22767
Marty, J.C. *see* Perosanz, F. 50027
Marty, K.G., Judice, J. On the complexity of finding stationary points of nonconvex quadratic programs 21085
Marty, L.F. *see* Hansen, D.A. 54421
Marty, O. *see* Kaabi, L. 32117
Mart'yanov, V.L. *see* Grishin, I.A. 44664
Martynenko, F. *see* Makisimovich, N. 37614
Martynenko, S.I. *see* Kostrov, L.S. 34093
Martynov, A. *see* Doberstein, S. 35985
Martynov, D.G. *see* Vokhnik, O.M. 24045
Martynov, J.B. *see* Vashchenko, V.A. 22253
Martynov, J.B. *see* Vashchenko, V.A. 54165
Martynov, J.B. *see* Vashchenko, V.A. 54693
Martynov, J.B. *see* Vashhenko, V.A. 13012
Martynov, V.A., Shchelykalov, Yu.Ya. The calculation of non-stationary electromagnetic fields in continuous nonlinear media of electromagnetic devices 9157
Martynov, V.A., Shchelyakalov, Yu.Ya. Dynamic electromagnetic processes in electrical machines 60663
Martynov, V.A. *see* Popov, V.I. 29314
Martynov, V.A. *see* Popov, V.I. 60775
Martynov, V.N., Oleinikov, A.M., Zhuk, N.P. Modeling the current distribution in the core of a two-layer asynchronous-motor rotor 19736
Martynov, Y.B. *see* Vashchenko, A. 12262
Martyshevcky, J.V., Kormilin, V.A., Khoroshaev, V.M. Computational system of iridodiagnostics 37602
Martyshkin, P.V. *see* Aleksandrov, A.V. 49205
Martz, H.E. *see* Bossart, P.-L. 59517
Maru, H.C. *see* Steinfeld, G. 19660
Maru, N. *see* Mitsuda, T. 35211
Maru, N. *see* Oshiro, N. 56817
Maru, V.M. *see* Moharir, P.S. 48081
Marubayashi, G. *see* Asato, H. 35911
Marugame, A., Katto, J., Ohta, M. Structure recovery from scaled orthographic and perspective views 57451
Maruhashi, K. *see* Ohata, K. 21958
Maruki, T., Miura, I., Kanke, M. Diesel-engine exhaust-gas testing system with high accuracy and good operationability (heavy-duty engine exhaust-gas testing system) 17200
Maruki, T. *see* Ozawa, S. 7607
Marukyan, G.O. *see* Eganov, V.S. 7795
Marullo-Reedtz, G. *see* Allasia, D. 54166
Marumoto, K., Yabe, H., Aya, S., Kise, K., Tanji, S., Minami, N. Highly stiff X-ray mask blank with heat resistance and inertness to chemicals 22678
Marumoto, K., Yabe, H., Aya, S., Kitamura, K., Sasaki, K., Kise, K., Miyachi, T. Fabrication of X-ray masks for giga-bit DRAM by using a SiC membrane and W-Ti absorber 31263
Maruno, S., Nakahara, H., Fujita, S., Watanabe, H., Kusumi, Y., Ichikawa, M. A combined apparatus of scanning reflection electron microscope and scanning tunneling microscope 31730
Maruno, S. *see* Kawaguchi, T. 12303
Maruno, S. *see* Kawaguchi, T. 23660
Maruno, S. *see* Kawaguchi, T. 40558
Maruno, S. *see* Maruyama, M. 1473
Maruo, S., Nakamura, O., Kawata, S. Three-dimensional microfabrication with two-photon-absorbed photopolymerization 24318
Maruoka, G. *see* Shibata, H. 9266
Maruoka, G. *see* Shibata, H. 38753
Marushima, K., Taniguchi, T. Magnetic modulation type differential resolver 38698
Marusin, V.V. *see* Zhukov, M.F. 38600
Maruska, H.P. *see* Norris, P.E. 10797
Maruszewicz, K. *see* Kuzmin, A.N. 13815
Maruta, A. *see* Kodama, Y. 16711
Maruta, K. *see* Miyamoto, M. 9305
Maruta, T. *see* Boukliev, I. 24739
Maruta, T. *see* Funada, K. 6274
Maruta, Y. *see* Kina, H. 12244
Maruta, Y. *see* Kina, H. 33284
Marutsuka, K. *see* Sato, H. 59166
Maruyama, A., Nakata, K., Yukimura, K., Yoshikado, S., Maruyama, T. Electrical characterization of silicon dioxide thin film prepared by ArF excimer laser chemical vapor deposition from silicon tetraacetate 40559
Maruyama, A. *see* Inoue, Y. 49326
Maruyama, A. *see* Shimizu, Y. 53888
Maruyama, E., Hishikawa, Y., Tanaka, M., Kiyama, S., Tsuda, S. Improvement in a-Si:H properties by inert gas plasma treatment 30901
Maruyama, E., Kuroda, S., Okamoto, S., Tarui, H., Tanaka, M., Tsuda, S. Practical simulation of the I-V curve for amorphous-silicon-based multijunction solar cells after light soaking 9537
Maruyama, F., Nagai, H., Amako, Y., Yoshie, H., Adachi, K. The influence of boron on the magnetic properties of 2-17 and 2-14 rare earth cobalt compounds 32783
Maruyama, H. *see* Aizawa, K. 7429
Maruyama, H. *see* Hashimoto, T. 47547
Maruyama, K., Ebe, H., Nishino, H., Okamoto, T., Murakami, S., Saito, T., Nishijima, Y., Wada, H., Nagashima, M., Nogami, Y., Tanikawa, K., Shirahata, K. Direct MOVPE growth of HgCdTe on Si substrates for long-wavelength infrared photodiodes 21286
Maruyama, K., Nishino, H., Okamoto, T., Murakami, S., Saito, T., Nishijima, Y., Uchikoshi, M., Nagashima, M., Wada, H. Growth of (111) HgCdTe on (100) Si by MOVPE using metalorganic tellurium adsorption and annealing 704
Maruyama, K. *see* Asai, K. 27121
Maruyama, K. *see* Bisdikian, C. 6360
Maruyama, K. *see* Hatsuzawa, T. 39903
Maruyama, K. *see* Nishino, J. 52809
Maruyama, K. *see* Onishi, S. 20238
Maruyama, K. *see* Yamashita, H. 7215
Maruyama, M., Nakahira, H., Fukuda, M., Sakiyama, S., Kouda, T., Imagawa, T., Maruno, S. A selfconfigurable digital neuro chip addressing to multi-network architecture 1473
Maruyama, M., Ohno, T., Nakano, Y., Momona, M., Kurokami, Y., Furuhata, Y. Communication-type service system for cable television 7088
Maruyama, M. *see* Nakahira, H. 41382
Maruyama, M. *see* Nishimura, K. 7094
Maruyama, M. *see* Sato, T. 19544
Maruyama, S., Koshiba, M. A vector finite element formulation for general bi-anisotropic waveguides 45337
Maruyama, S. *see* Komuro, S. 13809
Maruyama, S. *see* Muronaka, T. 32728
Maruyama, S. *see* Yasuda, H. 22675
Maruyama, T., Akagi, H. Thin films of amorphous germanium-carbon alloy prepared by radio-frequency magnetron sputtering 40525
Maruyama, T. *see* Maruyama, A. 40559
Maruyama, T. *see* Nakano, H. 33575
Maruyama, T. *see* Samaulah, H. 60943
Maruyama, T. *see* Sato, T. 44534
Maruyama, T. *see* Suzuki, T. 36636
Maruyama, Y. Shortest and longest path problems 10348
Maruyama, Y. *see* Arai, S. 31716
Maruyama, Y. *see* Hirayama, Y. 32849
Maruyama, Y. *see* Iwagami, Y. 31708
Maruyama, Y. *see* Kamiyama, H. 41250
Maruyama, Y. *see* Nakashima, M. 8913
Marvel, L.M., Boncelet, C.G., Jr Look-ahead predictive trellis-coded quantization with nonlinear filters for image transmission over tactical channels 60156
Marven, S.S., Hampshire, A.R., Smallwood, R.H., Brown, B.H., Primhak, R.A. Reproducibility of electrical impedance tomographic spectroscopy (EITS) parametric images of neonatal lungs 18462
Marvin, D. *see* Curtis, H. 37984
Marvin, D.C., Gates, M. Results of three recent GaAs flight experiments: Ascot, PASP-Plus, and STRV-1b 37985
Marvin, D.C. *see* Ray, K.P. 51610
Marwah, M., Yuan Li, Mahajan, R.L. Integrated neural network modeling for electronic manufacturing 20817
Marwedel, P. Processor-core based design and test 40835
Marwedel, P., Landwehr, B., Domer, R. Built-in chaining: introducing complex components into architectural synthesis 40816
Marwedel, P. *see* Leupers, R. 11485
Marwedel, P. *see* Leupers, R. 31326
Marx, A., Gross, R. Scaling behavior of 1/f noise in high temperature superconductor Josephson junctions 23402
Marx, D. Effective utilization of fault statistics 8988
Marx, E. Integral equation for scattering by a rough surface 33938
Marx, J.A. Managing multivendor telecommunications networks–new technology and a practical approach 26035
Marx, K.A. *see* Alva, K.S. 7439
Marx, L.M., Swinkels, J.M. Order independence for iterated weak dominance 40019
Marx, M. *see* Fernow, R.C. 17931
Marxer, C., Gretillat, M.A., de Rooij, N.F. Breakdown mechanisms of electrostatic polysilicon actuators using as an example the REMO-component 44066
Marxer, C. *see* Anthamatten, O. 47912
Marxer, C. *see* Peter, Y.-A. 44381
Mary, D., Albertini, M., Laurent, C. Integral and spectral investigation of electroluminescence in insulating polymers 2980
Mary, D. *see* Jonsson, J. 32748
Mary, D. *see* Laurent, C. 32629
Mary, D. *see* Massines, F. 2981
Mary, R. *see* Bertagnolli, E. 2796
Mary, V.J. *see* Shvetsov, G.A. 31677
Maryak, J.L., Spall, J.C., Silberman, G.L. Uncertainties for recursive estimators in nonlinear state-space models, with applications to epidemiology 34826
Maryanski, M.J., Audet, C., Gore, J.C. Effects of crosslinking and temperature on the dose response of a BANG polymer gel dosimeter 49831
Maryanski, M.J. *see* Gore, J.C. 18587
Maryni, P., Parisini, T. Optimal control for dynamic bandwidth allocation in communication networks: a neural approach 5689
Maryni, P. *see* Christillin, M. 57728
Maryni, P. *see* Davoli, F. 6343
Maryni, P. *see* Davoli, F. 20444
Maryniak, G.E. International activities related to power from space 18675
Marysko, M., Krupicka, S. Calculation of the eddy current loss in a ferrite core 3233
Marz, R. Optical filters for dense wavelength division multiplex: research activities at Siemens 36189
Marz, R., Tischendorf, C. Recent results in solving index-2 differential-algebraic equations in circuit simulation 40767
Marz, R. *see* Balla, K. 21190
Marz, R. *see* Berger, M. 58369
Marzani, F. *see* Kardouchi, M. 56737
Marziani, M. *see* Bertolucci, E. 37628
Marziani, M. *see* Gambaccini, M. 18330
Marzin, J.-Y. *see* Bouchoule, S. 55640
Marzin, J.Y. *see* Pepin, A. 10845
Marzo, C. *see* Antodaro, B. 57078
Marzo, C.De *see* De Marzo, C.
Marzo, M.di *see* di Marzo, M.
Marzo-Lazaro, J.L. *see* Fabregat-Gesa, R. 26260
Marzocca, C. *see* Corsi, F. 2620
Marzocca, C. *see* De Venuto, D. 2749
Marzocca, C. *see* Di Ciano, M. 1147
Marzocca, C. *see* O'Connor, P. 59315
Marzoli, I., Gatti, A., Lugiato, L.A. Spatial quantum signatures in parametric down-conversion 44687
Marzoli, I. *see* Lugiato, L.A. 33709
Marzouki, M. *see* Alves, V.C. 52942
Marzouki, M. *see* Mohamed, F. 22926
Mas, I. *see* Castro, M. 9915
Mas, P. *see* Arruda, J.R.F. 59035
Masad, J.A., Balachandran, B. Computational methods for differential eigensystems 40224
Masada, E. *see* Dehong Xu 51097
Masada, E. *see* Hayashiya, H. 4205
Masada, E. *see* Hayashiya, H. 51888
Masada, E. *see* Morizane, T. 61246
Masada, E. *see* Nagy, I. 51686
Masada, E. *see* Ohashi, S. 9643
Masada, E. *see* Ohashi, S. 61262

Masada, E. *see* Ohsaki, H. 60968
Masada, E. *see* Ohshima, N. 51333
Masada, E. *see* Paddison, J.E. 51753
Masada, E. *see* Senba, A. 3298
Masada, T., Imai, K., Imai, H. Enumeration of regular triangulations with computational results 447
Masahiro, N. *see* Minoru, S. 29019
Masakazu, H., Shinjiro, O., Kazuo, U., Hiroyuki, U. Analysis of arc deflection of DC arc furnace 61335
Masaki, I. *see* Mizuki, M.M. 25665
Masaki, K. *see* Ishizaki, A. 51063
Masaki, N. *see* Yoshida, T. 9430
Masaki, R. *see* Mutoh, N. 39325
Masalkar, P.J., Fujimura, M., Suhara, T., Nishihara, H. Vapour phase proton-exchange: technique for waveguide fabrication in $LiNbO_3$ 44011
Masalov, A.V., Oraevskii, A.N. A contribution to the theory of a modulation light converter 4008
Masalov, S., Puzanov, O., Timchenko, A. The diffraction of video pulses on dielectric slabs 45022
Masalov, S.A. *see* Kovalenko, V.O. 45096
Masamoto, K. *see* Hatano, H. 16642
Masamune, K., Sonderegger, M., Isek, H., Takakura, K., Suzuki, M., Dohi, T. Robots for stereotactic neurosurgery 8076
Masamune, K. *see* Masutani, Y. 15991
Masana, F. *see* Castaner, L. 36969
Masana, F.N. A closed form solution of junction to substrate thermal resistance in semiconductor chips 10147
Masandilov, L.B. Electric drives based on a thyristor voltage converter and an asynchronous motor for heavy-duty hoisting mechanisms 20150
Masashi, I. *see* Takahira, O. 29119
Masashi Morimoto, Hiroyasu Koshimizu On the current topics of the Hough transform and new prospect for pattern measurements. Fundamentals 35174
Masataki, H., Sgisaka, Y. Variable-order N-gram generation by word-class splitting and consecutive word grouping 14893
Masataki, H. *see* Shimizu, T. 15109
Masataki, H. *see* Shimizu, T. 15144
Masato, H. *see* Morimoto, S. 41474
Masato, H. *see* Nishitsuji, M. 2727
Masato, H. *see* Sato-Iwanaga, J. 43142
Masato, N. *see* Takahira, O. 29119
Masayoshi, I. *see* Hidetoshi, T. 29824
Mascaraque, A., Avila, J., Teodorescu, C., Asensio, M.C., Michel, E.G. Atomic structure of the reactive Fe/Si(111)7×7 interface 54243
Mascaraque, A. *see* Segovia, P. 22623
Mascarenhas, A. *see* Millunchick, J.M. 40384
Mascarilla, L., Desachy, J. Symbolic learning for pattern recognition 46385
Mascello, A. *see* De Santis, P. 23736
Mascetti, G. *see* Carrara, S. 25727
Maschke, K. *see* Gagel, F. 2731
Maschmann, M., Hosticka, B.J., Schardein, W., Kleine, U. BiCMOS circuits for low voltage analog applications 2850
Masci, A. *see* Frangini, S. 51509
Masciadri, E., Bassini, A., Musazzi, S., Paganini, E., Perini, U. Recording of PIV images on photothermoplastic plates 14446
Masciadri, E., Vernin, J. Optical technique for inner-scale measurement: Possible astronomical applications 44830
Masciangelo, S. *see* Garibott, G. 35209
Mascini, M. *see* Moscone, D. 59396
Mascini, M. *see* Palanti, S. 58865
Mascini, M. *see* Sartore, M. 58867
Masciovecchio, C. *see* Testa, L. 48444
Mase, A. *see* Aota, T. 49366
Mase, A. *see* Oyama, N. 36866
Mase, A. *see* Tokuzawa, T. 36863
Mase, H. *see* Ikehata, T. 37545
Mase, J. *see* Scaduto, A.F. 42802
Mase, K., Cunnigham, J.P., Cantor, J., Kawana, H., Rotella, J.P., Okazaki, T., Lipetz, T.J., Hatakeyama, Y. Human performance analysis and engineering guidelines for designing graphical network management interfaces 5969
Mase, K., Runggeratigul, S. Planning and design issues for information delivery using idle periods in telecommunication networks 46812
Mase, K. *see* Yoshigoe, A. 42441
Maseeh, F. A virtual prototype manufacturing software system for MEMS 43372
Masek, G.E. *see* Buckland, K.N. 37414
Masek, J. *see* Fach, A. 17358
Masek, J. *see* John, J. 7346
Masek, J. *see* Zogg, H. 7396
Masek, K. *see* Collier, J. 18076
Masek, K. *see* Mroz, W. 59182
Masek, K. *see* Wolowski, J. 37205
Maser, H. *see* Stritt, N. 37534
Maser, K. *see* Anwand, W. 54274
Masera, M., Wilikens, M. An on-line supervisory system extended for supporting maintenance management 30110
Maset, E., Sanchis, E., Sebastian, J., de la Cruz, E. Improved passive solutions to meet IEC 1000-3-2 regulation in low-cost power supplies 51203
Maset, E. *see* Ferreres, A. 9322
Maset Sancho, E. *see* Ejea Marti, J.B. 9321
Maset Sancho, E. *see* Garcia Gil, R. 13462
Masetti, E. *see* Grilli, M.L. 3937
Masetti, F., Benoit, J., Wunstel, K., Chiaroni, D., Gambini, P., Martinson, T., Stubkjaer, K., Van Daele, P., Bouley, J.C., Melchior, H., McGuire, A., Vodjani, N. ATMOS (ATM optical switching): results and conclusions of the RACE R2039 project 26444
Masetti, F. *see* Boettle, D. 26456
Masetti, F. *see* Bostica, B. 47499
Masetti, F. *see* Garnot, M. 36162
Masetti, F. *see* Jacob, J.-B. 16517
Masetti, F. *see* Renaud, M. 58370
Masetti, G. *see* Graffi, S. 1152
Masetti, M., Gandolfi, E., Boschetti, F., Gabrielli, A., D'Antone, I., Russo, M. High speed (>50 MFIPS) digital VLSI CMOS fuzzy processors designed for HEPE applications 54785
Masetti, M. *see* Boschetti, F. 53512
Masgonty, J.-M. *see* Piguet, C. 21443
Mashali, S. *see* Farouk, H. 35263
Mashao, D.J. Experiments on a parametric non-linear spectral warping for an HMM-based speech recognizer 15116
Mashao, D.J. *see* Adcock, J.E. 15009
Masharuev, M.L. *see* Yakubov, V.P. 17755
Mashburn, B., Monk, B., Smith, R.E., Tan-Yu Lee, Bredeson, J. Experiences with a new engineering sophomore year 20680
Mashikhin, A.D., Podobedov, E.G., Shipaev, G.A. Battery-based tractor power-supply systems 20146
Mashikhin, A.D., Podobedov, V.E. Global optimization in developing electric drives with semiconductor converters and control units 9749
Mashikhin, A.D., Tukhtarov, A.G., Podobedov, E.G., Shipaev, G.A. Automatic electric drive for new drilling unit used in geological prospecting to depths of 2000 m 20285
Mashikhin, A.D. *see* Fel'dman, Yu.I. 20145
Mashikian, M. *see* Faremo, H. 2967
Mashikian, M.S. *see* Hariri, A. 19332
Mashiko, K. How to design low-power digital cellular phones 16566
Mashiko, K. *see* Iwamatsu, T. 53114
Mashiko, K. *see* Kim, I.J. 43261
Mashiko, K. *see* Maeda, S. 41066
Mashiko, K. *see* Oklobdzija, V. 21638
Mashiko, K. *see* Sato, H. 26526
Mashiko, K. *see* Ueda, K. 21568
Mashiko, Y. *see* Mazumder, M.K. 54278
Mashima, S. *see* Okamoto, Y. 49655
Mashimo, S. *see* Naito, S. 7550
Mashinsky, V.M. *see* Dianov, E.M. 33041
Mashkova, E.S. *see* Stepanova, A.N. 53920
Mashkovtsev, R. *see* Isaenko, L. 10612
Mashtare, D. *see* Crowley, J.V. 33833
Masi, M. *see* Carra, S. 10639
Masik, J. *see* Adam, W. 37221
Masini, G., La Monica, S., Maiello, G., Lazarouk, S., Bondarenko, V. White-light emission from porous-silicon-aluminum Schottky junctions 44272
Masini, G. *see* De Cesare, G. 832
Masini, G. *see* Ferrari, A. 42504
Masiukiewicz, A. *see* Lisowiec, A. 17167
Maskaly, J. *see* Kleppe, J.A. 59071
Maskar, P.K. *see* Kakatkar, S.V. 13431
Maskar, P.K. *see* Kakatkar, S.V. 23341
Maslakovic, S., Linscott, I.R., Oslick, M., Twicken, J.D. Excising radio frequency interference using the discrete wavelet transform 34960
Maslen, E.H., Allaire, P.E., Noh, M.D., Sortore, C.K. Magnetic bearing design for reduced power consumption 13475
Maslen, E.H. *see* Allaire, P.E. 50875
Maslen, E.H. *see* Allaire, P.E. 50876
Maslen, E.H. *see* Noh, M.D. 23391
Maslennikov, A.L. *see* Aulchenko, V.M. 37243
Maslennikov, A.V. *see* Burlaenko, N.A. 54992
Maslennikov, A.V. *see* Burlaenko, N.A. 58872
Maslennikov, D.D. *see* Barinov, N.U. 29386
Maslennikov, V.A. *see* Makarov, Y.V. 19041
Maslennikov, V.S. Strengthened rotors of thyratron servo motors 19773
Maslii, A.I. *see* Kenzin, V.I. 17777
Maslov, A.I. *see* Zubov, V.E. 3217
Maslov, A.V. *see* Bakunov, M.I. 4277
Maslov, A.V. *see* Bocchi, C. 2319
Maslov, E.P. *see* Zheleznov, V.S. 40008
Maslov, K.I., Dorozhkin, L.M., Doroshenko, V.S., Maev, R.G. A new focusing ultrasonic transducer and two foci acoustic lens for acoustic microscopy 60109
Maslov, V.A. *see* Huisken, F. 24174
Maslov, V.A. *see* Yepishin, V.A. 3927
Maslowski, A. *see* Brown, O. 53701
Masnari, N.A. *see* Sun, J. 22979
Masoller, C. Implications of how the linewidth enhancement factor is introduced on the Lang and Kobayashi model 55679
Masoller, C. Comparison of the effects of nonlinear gain and weak optical feedback on the dynamics of semiconductor lasers 55680
Mason, A. *see* Broad, K. 151
Mason, A. *see* Yazdi, N. 7315
Mason, A.R. *see* Fischer, A. 39103
Mason, B., San-Liang Lee, Heimbuch, M.E., Coldren, L.A. Directly modulated sampled grating DBR lasers for long-haul WDM communication systems 33545
Mason, B. *see* MacSweeney, D. 23019
Mason, C. *see* Williamson, D. 2544
Mason, D.C. *see* Davenport, I.J. 50208
Mason, D.L.D. *see* Lightstone, A.W. 28425
Mason, J. *see* Lemonnier, E. 52016
Mason, J.L. *see* Brown, L.F. 18367
Mason, J.S.D. *see* Chibelushi, C.C. 57512
Mason, K. *see* Nelson, M. 25246
Mason, K.P. A knowledge-based strategy for the re-association of fragmented sensor reports 34830
Mason, K.P. A knowledge-based strategy for the re-association of fragmented sensor reports 48105
Mason, L.E., Cronin, L.B., Kelley, P.J. Sampling of calibration system performance by measurement audits 7130
Mason, L.G. *see* Dziong, Z. 35584
Mason, L.G. *see* Dziong, Z. 35647
Mason, L.G. *see* Letourneau, E. 25835
Mason, L.S. *see* Shaltens, R.K. 18694
Mason, M. *see* Chatterjee, A. 2805
Mason, M. *see* Chatterjee, A. 54800
Mason, M.E., Soper, R.A., Garza, C.M. An improved method for the automated determination of E_0 for lithography SPC 2476
Mason, M.G. *see* Hung, L.S. 23687
Mason, N.J. *see* Booker, G.R. 52669
Mason, N.J. *see* Klipstein, P.C. 12336
Mason, N.J. *see* Lyapin, S.G. 22353
Mason, N.J. *see* Salesse, A. 54079
Mason, P. *see* Lightfoot, P. 28562
Mason, P.J. Ensuring network integrity 57699
Mason, R. The globalisation of education 46889
Mason, R., Simon, B., Runtz, K. On-chip analog signal testing using an undersampling approach 10044
Mason, R. *see* Christian, B.S. 13138
Mason, R.C., Dirks, M.T., Needes, C.R. Diffusion patterning–materials and processing 53811
Mason, R.C. *see* Kanda, H. 12001
Mason, R.C. *see* Needes, C.R. 10138
Mason, S., Chen, S.T., Khandavalli, C.S., Takahashi, H. Construct a PCS base-station push-pull amplifier [GaAs power FET device] 53604
Mason, T.O. *see* Edwards, D.D. 41994
Mason, T.O. *see* Hong, B.S. 36831
Mason, T.O. *see* Hsieh, G. 48818
Mason, T.O. *see* Hsieh, G. 48819
Mason, T.W. Economic decision-making in the virtual firm 9956
Mason, W. *see* Ancoli-Israel, S. 59378
Mason, W. *see* Kravchenko, S.V. 12157
Masoomzadeh-Fard, A., Pasupathy, S. Combined equalization and differential detection using precoding 46532
Masotti, L. *see* Capineri, L. 38125
Masotti, L. *see* Panerai, L. 58764
Masquelier, M.P. *see* Lin, F. 42613
Masri, P. *see* Malzac, J.P. 10712
Masri, P. *see* Malzac, J.P. 10713
Masry, E. Polynomial interpolation and prediction of continuous-time processes from random samples 34859
Masry, E. *see* Modha, D.S. 24619
Mass, A. *see* Brawn, I. 59325
Massa, D.E.di *see* di Massa, D.E.
Massa, D.P. *see* Butler, J.L. 18966
Massa, G.Di *see* Di Massa, G.
Massa, M. *see* Short, R. 47161
Massai, M.M. *see* Angelini, F. 37362
Massai, M.M. *see* Bellazzini, R. 37434
Massai, M.M. *see* Cervelli, F. 37455
Massai, M.R. *see* Barbini, P. 25514
Massala, G., Lesaint, O. On the correlation between propagation mode, charge and shape of streamers in mineral oil 23237
Massala, G. *see* Lesaint, O. 13305
Massaneda, J., Flory, F., Bosch, S., Martorell, J., Monneret, S. Multispectral measurements of slightly anisotropic thin films by guided optics method 7656
Massari, D. *see* Clavario, P. 49391
Massari, F. *see* Bava, E. 24042
Massarini, A., Reggiani, U. Computer-aided time-domain large-signal analysis of networks with switches 1117
Massarini, A. *see* Grandi, G. 31548
Massarini, A. *see* Kazimierczuk, M.K. 31103
Massart, D.L. *see* Rutan, S.C. 27392
Massart, D.L. *see* Walczak, B. 56470
Massazumi Oka, M. *see* Aharoni, H. 31941
Masse, M. *see* Lessard, M.C. 19803
Masse, M. *see* Lessard, M.C. 43540
Massebeuf, M. *see* Delage, D. 60053
Massengale, A. *see* Kameyama, A. 12906
Massengale, A.R., Larson, M.C., Dai, C., Harris, J.S., Jr. Collector-up AlGaAs/GaAs HBTs using oxidized AlAs 1712
Massengale, A.R. *see* Harris, J.S., Jr. 44449
Massengale, A.R. *see* Larson, M.C. 3902
Massengale, A.R. *see* Larson, M.C. 14140
Massengale, A.R. *see* Larson, M.C. 44515
Massengill, L. *see* Main, J.A. 32769
Massengill, L. *see* Newton, D. 3008
Massey, M., Bender, W. Salient stills: process and practice 15450
Massey, W. How to design shielding to meet EMI specifications 45177
Massey, W.A., Whitt, W. Stationary-process approximations for the nonstationary Erlang loss model 21029
Massey, W.A. *see* Jennings, O.B. 10249
Massi, M., Rioja, M., Gabuzda, D., Leppanen, K., Sanghera, H., Ruf, K., Moscadelli, L. Baseline

errors in European VLBI Network measurements. III. The dominant effect of instrumental polarization 48194
Massicotte, D. *see* Belhaouane, A. 27421
Massidda, L. *see* Atzeni, C. 48734
Massie, S. *see* Holtz, M. 22233
Massie, S. *see* Seaford, M. 54688
Massie, S. *see* Seaford, M.L. 13019
Massie, S.T. *see* Gunapala, S.D. 17542
Massie, S.T. *see* Gunapala, S.D. 48665
Massies, J. *see* Disseix, P. 42169
Massies, J. *see* Grandjean, N. 10714
Massies, J. *see* Grandjean, N. 30801
Massies, J. *see* Leroux, M. 12405
Massies, J. *see* Monier, C. 12404
Massines, F., Tiemblo, P., Teyssedre, G., Mary, D., Laurent, C., Mayoux, C. In-situ diagnostic of discharge-polymer interaction by surface luminescence detection 2981
Massines, F. *see* Jonsson, J. 32748
Massingill, T. *see* Yip, L. 207
Massini, L. *see* Canepa, G. 58728
Massip-Pailhes, L. *see* Crouzil, A. 5285
Massmann, P. *see* Pamela, J. 36993
Masso, J. *see* Bergantinos, G. 10260
Massok, P. *see* Debeda, H. 36740
Massol, J.-L. *see* Leturcq, P. 42905
Masson, B., Payeur, G. Integrated environmental, security, power monitoring and control in telecommunication remote sites 50667
Masson, C., Leclerc, C., Paraschivoiu, I. Performance predictions of VAWTs with NLF airfoil blades 60615
Masson, J.P. *see* Fraisse, H. 55959
Masson, J.P. *see* Peccolo, M.A. 24386
Masson, R. *see* Monton, V. 35550
Masson, S. *see* Golmie, N. 17083
Masson, S.Le *see* Le Masson, S.
Massone, R. *see* Risaliti, G. 58855
Massonnet, D. Satellite radar interferometry 60013
Massonnet, D., Holzer, T., Vadon, H. Land subsidence caused by the East Mesa geothermal field, California, observed using SAR interferometry 60099
Massonnet, D. *see* Camec, C. 49987
Massoud, H.Z. *see* Conrad, K.A. 2343
Massoud, M., Finley, M.T. Prediction of check valve performance in a depressurization test of a PWR safety injection tank 9049
Massoumi, G.R. *see* Rodriguez-Fernandez, L. 2390
Massoumi, M. *see* Sagahyroon, A. 20601
Massucco, S. *see* Bonvini, B. 8803
Masszi, F. *see* Tarnay, K. 54676
Mast, D.B. *see* Ahoujja, M. 31943
Mast, D.B. *see* Elhamri, S. 2213
Mast, M. *see* Noth, E. 14968
Mastail, M. *see* Baron, R. 52311
Masteller, M.S. *see* Zhu, Q. 13412
Masten, M.K., Panahi, I. Digital signal processors for modern control systems 53302
Masten, S.J. *see* Davis, M.L. 20499
Masterov, V.F., Nasredinov, F.S., Nemov, S.A., Seregin, P.P., Ermolaev, A.V., Irkaev, S.M. The electrical activity of isoelectronic germanium impurities in lead chalcogenides 54125
Masters, L.T. *see* Richmond, R. 8673
Masters, R.F. Republic of Korea 50705
Masters, R.F. Japan [nuclear power datafile] 50706
Masters, S. *see* Hintz, K.J. 59919
Masterson, H.J., Lunney, J.G., Coey, J.M.D. Investigation into the magnetic properties of $Zn_{1-x}Mn_xTe$ thin films by the Faraday effect 43604
Masterson, K.D., Novotny, D.R., Cavecy, K.H. Standard antennas designed with electrooptic modulators and optical-fiber linkage 56160
Masterson, K.D. *see* Knopp, K.J. 44446
Masti, J. *see* Gipprich, J. 53644
Mastik, F. *see* van der Steen, A.F.W. 18349
Mastle, R. *see* Bartels, H. 55780
Maston, G.A. *see* Taylor, T. 40972
Mastorakis, N.E. Approximate stable multidimensional polynomial factorization into linear m-D polynomial factors 10236
Mastorakis, N.E. A method of approximate multidimensional factorization via the singular value decomposition 14814
Mastorakis, N.E. M-dimensional polynomial factorization: the root perturbation method in the case of multiple roots 52394
Mastorakis, N.E. Approximate multidimensional (m-D) polynomial factorization into linear m-D polynomial factors 52542
Mastorocostas, P. *see* Margaris, N. 11237
Mastrangelo, C.H. *see* Gogoi, B.P. 48483
Mastrangelo, C.H. *see* Liu, C.C. 48551
Mastrangelo, C.H. *see* Man, P.F. 40567
Mastrangelo, C.H. *see* Zhong He 37333
Mastrangelo, J.F., Lemmon, J.J., Vogler, L.E., Hoffmeyer, J.A., Pratt, L.E., Behm, C.J. A new wideband high frequency channel simulation system 26480
Mastrogiacomo, L. *see* Di Fabrizio, E. 31639
Mastrogiacomo, L. *see* Di Fabrizio, E. 42886
Mastroianni, G., Occorsio, D. Legendre polynomials of the second kind, Fourier series and Lagrange interpolation 10439
Mastroianni, G. *see* Ehrich, S. 40180
Mastronardi, R. *see* Becker, F.E. 51615
Mastrovito, C. *see* Vitulano, S. 5359
Mastrukov, I.A. *see* Demyanov, S.E. 49942
Masu, K., Matsuhashi, H., Gotoh, A., Ju-Hyuck Chung, Yokoyama, M., Tajima, R., Fujita, Y., Tsubouchi, K. Multilevel metallization based on Al CVD 2435
Mas'ud, A.Fuad *see* Fuad Mas'ud, A.
Masuda, E. *see* Imagawa, H. 58068
Masuda, H., Tsujino, Y., Tokura, N. A self-stabilizing leader election algorithm on the multi-access channel 26231
Masuda, H., Tsujino, Y., Tokura, N. An enhancement of a self-stabilizing leader election algorithm on the multi-access channel 57606
Masuda, H. *see* Abe, K. 59233
Masuda, H. *see* Arai, S. 49038
Masuda, H. *see* Itakura, T. 24328
Masuda, H. *see* Kubota, S. 2475
Masuda, H. *see* Miura, H. 13024
Masuda, H. *see* Sato, H. 12671
Masuda, H. *see* Tsuneno, K. 11450
Masuda, H. *see* Yamakoshi, Y. 18343
Masuda, K., Ishihara, K., Nagakura, T., Furukawa, T., Nishihara, H. Elucidation of viscoelasticity of common carotid artery from time series echograms recorded by high-frame-rate echography 18359
Masuda, K., Ishihara, K., Nagakura, T., Tsuda, T., Furukawa, T., Kumagai, S., Kodama, S. Noninvasive elasticity characterization of carotid artery using high-frame-rate echography and sphygmomanometer 18239
Masuda, K., Nagakura, T., Ishihara, K. Visualization of two dimensional velocity of left ventricle from successive images recorded by high-frame-rate echography 49427
Masuda, K., Yoshikawa, K., Ohnishi, M., Yamamoto, Y., Sobajima, M. Direct energy conversion from spent electron beam in high-power CW klystrons 22177
Masuda, K. *see* Aizu, Y. 49538
Masuda, K. *see* Ito, Y. 58562
Masuda, K. *see* Nagakura, T. 17559
Masuda, K. *see* Satoh, M. 31796
Masuda, M. *see* Deguchi, H. 56117
Masuda, M. *see* Ishiguro, M. 56192
Masuda, N., Tohya, H. Asynchronous waveform analysis by wavelet transform [PCB EMI/noise] 53733
Masuda, R., Oinuma, T., Muramatsu, A. Multi-sensor control system for rescue robot 24962
Masuda, S. *see* Komatsu, K. 3037
Masuda, S. *see* Nose, T. 55326
Masuda, S. *see* Takemura, Y. 3035
Masuda, S. *see* Takemura, Y. 13410
Masuda, S. *see* Yamaguchi, K. 31033
Masuda, T. *see* Chiba, A. 29273
Masuda, T. *see* Endo, H. 59470
Masuda, T. *see* Kanamori, C. 58996
Masuda, T. *see* Ohhata, K. 21566
Masuda, T. *see* Shimonosono, T. 28929
Masuda, T. *see* Sun, R. 33241
Masuda, T. *see* Wilhite, H. 9728
Masuda, T. *see* Yamaguchi, T. 58944
Masuda, Y., Baba, A. Oxidation and heat treatment effect on crystal structure and electrical conductivity of ferroelectric $Pb(Zr,Ti)O_3$ films 2924
Masuda, Y., Kidachi, Y., Baba, A., Masumoto, H., Goto, T., Hirai, T. Ferroelectric and optical properties of $Ba_2NaNb_5O_{15}$ thin films 23181
Masuda, Y., Tsukada, T., Hozawa, M. Numerical simulation of FZ single crystal growth process with radio-frequency induction heating 52594
Masuda, Y. *see* Ando, S. 2915
Masuda-Jindo, K., Fujita, Y. Atomistic simulation study of gettering and passivation in polycrystalline semiconductors 12793
Masuda-Jindo, K. *see* Fujita, Y. 12189
Masugata, K. High voltage, low inductance pulse transformer using ferromagnetic core 38787
Masugi, M. A neural network approach to cell loss rate estimation for call admission control in ATM networks 58004
Masuhara, S. *see* Narahara, T. 44119
Masui, H. *see* Ito, Y. 20246
Masui, S. *see* Tachimori, M. 42293
Masui, T., Morimura, M. An algorithm for the least-squares adjustment enabling objective detection and rejection of discrepant items 27384
Masui, T. *see* Maekawa, H. 29468
Masukawa, K. *see* Yamaguchi, M. 12492
Masukawa, S. Improvement of a double connected diode rectifier with a smoothing capacitor by using an interphase transformer 19846
Masukawa, S. *see* Iida, S. 38839
Masukawa, S. *see* Kamigaito, H. 51249
Masuki, T. *see* Koike, H. 2999
Masuko, H. *see* Irimajiri, Y. 60067
Masuko, K. *see* Kahng, A.B. 11084
Masuko, T., Tokuda, K., Kobayashi, T., Imai, S. Speech synthesis using HMMs with dynamic features 14942
Masuko, T., Tokuda, K., Kobayashi, T., Imai, S. HMM-based speech synthesis using dynamic features 24813
Masulli, F. *see* Schenone, A. 4918
Masumi, T. *see* Isobe, M. 23653
Masumoto, H. *see* Iwao, T. 37645
Masumoto, H. *see* Masuda, Y. 23181
Masumoto, H. *see* Nakagawa, H. 31916
Masumoto, H. *see* Seguchi, T. 58089
Masumoto, K. *see* Mori, Y. 22289
Masumoto, K. *see* Yonenaga, I. 2097
Masumoto, T. *see* Watanabe, K. 3302
Masumoto, Y. *see* Il Gon Kim 2132
Masumoto, Y. *see* Kawazoe, T. 12427
Masumoto, Y. *see* Okuno, T. 22421
Masunaga, Y. *see* Nunokawa, H. 5937
Masuno, S. *see* Okada, S. 37024
Masunov, E.S. Undulator and RF-system for ion linear accelerators 49114
Masuo, K. *see* Miyamoto, W. 18331
Masuo, K. *see* Sawada, H. 18333
Masuo, Y. *see* Tamura, H. 61281
Masuoka, F. *see* Endoh, T. 41366
Masuoka, F. *see* Nishizawa, J. 12878
Masusaki, H. *see* Ishihara, Y. 48997
Masusawa, T. *see* Fujiwara, A. 25589
Masut, R.A. *see* Nazareno, H.N. 42176
Masut, R.A. *see* Singh, A. 2227
Masut, R.A. *see* Yip, R.Y.-F. 33115
Masuta, T. *see* Asahi, K. 6765
Masutani, Y., Masamune, K., Dohi, T. Region-growing based feature extraction algorithm for tree-like objects 15991
Masuya, H. *see* Sumi, H. 40575
Masuyama, M. *see* Ishikawa, K. 48689
Masuzaki, M. *see* Chp-Yeol Lee 56106
Masuzawa, H. *see* Koike, K. 4343
Masuzawa, T. *see* Fujiwara, A. 46524
Masuzawa, T. *see* Inoue, T. 53129
Masuzawa, T. *see* Takabatake, K. 41076
Masuzawa, T. *see* Youra, H. 11407
Masuzwa, T. *see* Takabatake, K. 11409
Maswood, A.I., Rahman, M.A. Performance parameters of a pulse-width modulation voltage source inverter with proportional-integral controller under non-ideal conditions 29421
Masyuk, N.S. *see* Kurik, M.V. 2088
Maszara, W. *see* Anc, M.J. 22457
Mata, J., Pagan, G., Sallent, S. Multiplexing and resource allocation of VBR MPEG video traffic on ATM networks 5773
Matabon, M. *see* Fernier, B. 16822
Matafonov, V.N. *see* Ball, J. 18071
Matagne, E. *see* El-Bachtiri, R. 9339
Mataix, C. *see* Villadangos, J.M. 21681
Matakas, L., Jr. *see* Nagy, I. 51686
Matalas, I. A new set of multiscale texture features based on B-spline image approximation 5572
Matalas, I. *see* Benjamin, R. 18321
Matalas, I. *see* Benjamin, R. 18322
Matalytskii, M.A. Study of networks of multichannel queueing systems with customers of different types 52406
Matano, T. *see* Nagata, K. 53268
Matano, T. *see* Saeki, T. 1385
Matano, Y. *see* Taniguchi, K. 51730
Mataras, D. *see* Spiliopoulos, N. 40585
Matarazzo, S. *see* Barone, A. 3277
Matas, G. *see* Griffin, A. 5664
Matas, J. *see* Christensen, H.I. 57324
Matavelli, M., Thonet, G., Vaerman, V., Macq, B. Image restoration by 1-D Kalman filtering on oriented image decompositions 25420
Matavulj, P.S., Gvozdic, D.M., Radunovic, J.B., Elazar, J.M. Nonlinear pulse response of p-i-n photodiode caused by the change of the bias voltage 23674
Matay, G. Determination of the errors for calibration of power density meters 27297
Matcano, G., Garcia, V., Galindo, H. Morphological, compositional and FT-IR studies in aluminum doped hydrogenated amorphous germanium thin films 2312
Mate, C.M. *see* Johnson, K.E. 13458
Mate, L. *see* Mojzes, I. 32054
Mate, L. *see* Mojzes, I. 42736
Mateescu, I., Zelenka, J., Mateescu, I. The contribution to the non-uniform distribution of motion effects obtained for the SC-cut quartz plates 13332
Mateescu, I., Zelenka, J., Serbanescu, A. Contribution to the design of the wave filters composed from the elastically coupled two resonators structure 23283
Mateescu, I. *see* Mateescu, I. 13332
Matejovic, M. *see* Murgas, J. 19704
Matekovits, L. *see* Orefice, M. 34407
Matekovits, L. *see* Vecchi, G. 34244
Matekovits, L. *see* Vecchi, G. 45401
Mateo, J., Laguna, P. New heart rate variability time-domain signal construction from the beat occurrence time and the IPFM model 37785
Mateos, J., Gonzalez, T., Pardo, D., Tadyszak, P., Danneville, F., Cappy, A. Numerical and experimental analysis of the static characteristics and noise in ungated recessed MESFET structures 2720
Mateos, J., Katsaggelos, A.K., Molina, R. Parameter estimation in regularized reconstruction of BDCT compressed images for reducing blocking artifacts 15598
Mateos, J. *see* Molina, R. 57274
Mater, A.A. Experimental observation of the optical self-switching of unidirectional distributively coupled waves 55814
Matera, A. *see* Bertelotti, M. 44040
Matera, F., Settembre, M. Performance evaluation of optically amplified systems operating in optical networks 16695
Matera, F., Settembre, M. Study of performance of 1.3 μm transmission systems on standard step-

index fibers with semiconductor optical amplifiers 16789
Matera, F., Settembre, M. 10 Gbit s^{-1} optically amplified single-channel systems operating in links encompassing conventional step-index fibres 47907
Matera, F., Wabnitz, S. Periodic dispersion compensation of soliton wavelength division multiplexed transmissions with sliding filters 36184
Matera, F. *see* Iannone, E. 58406
Matera, F. *see* Midrio, M. 16753
Materka, A., Strzelecki, M. Parametric testing of mixed-signal circuits by ANN processing of transient responses 21825
Materka, A. *see* Strzelecki, M. 5481
Materlik, G. *see* Bahr, D. 10818
Materlik, G. *see* Falta, J. 12628
Materlik, G. *see* Falta, J. 30795
Materlik, G. *see* Len, P.M. 44765
Matern, C. *see* Radloff, D. 27968
Matero, R. *see* Riihelae, D. 30807
Matero, R. *see* Riihelae, D. 31842
Matevossian, L.A. *see* Alexsanian, A.G. 31960
Matey, J. *see* Legault, A. 27153
Mathad, G.S., Meyyappan, M. *(editors)* Proceedings of the Eleventh International Symposium on Plasma Processing 51994
Mathan, L., De Torres, I.R. TMN Xcoop interface specification for pan-European SDH networks and ATM networks 35589
Mathan, L. *see* Wirkkala, T. 35609
Mathar, R., Mattfeldt, J. Optimal transmission ranges for mobile communication in linear multihop packet radio networks 26638
Mathar, R. *see* Hellebrandt, M. 36004
Mathauer, V. *see* Pleil, T. 16464
Matheney, M.P. *see* Nowack, R.L. 50035
Mather, P.M. *see* Dehmeshki, J. 60095
Mather, R. *see* Bell, S.C. 50491
Mather, R. *see* McArthur, S.D.J. 8952
Matherson, K.J. *see* Barber, H.B. 37663
Matheru, B.S. *see* Srivastav, M. 1694
Mathes, B. *see* Reed, R.A. 22748
Mathesius, R. *see* Schilz, J. 30909
Matheson, D.N. Development of a terahertz mixer for measurement of stratospheric OH 53634
Matheson, J. *see* De Fez-Laso, M.D.M. 37505
Matheson, J. *see* Watts, S.J. 22215
Mathet, V., Breton, G., Nguyen-Van-Dau, F., Olivier, J., Galtier, P. Growth mode characterisation of CaF_2 on nominal and vicinal Si(111) substrates 10703
Mathew, B., Saab, D.G. Identifying redundancies using reduced symbolic simulation [digital VLSI circuits] 11242
Mathew, J. *see* Meger, R.A. 4274
Mathew, J. *see* Myers, M.C. 48122
Mathew, K.T. *see* Mathew, S. 4336
Mathew, K.T. *see* Raveendranath, U. 4316
Mathew, R. *see* Ismaeel, A.A. 21583
Mathew, S., Jacob, J., Raveendranath, U., Mathew, K.T. A novel corner reflector for enhanced gain and modified radiation pattern 4336
Mathew, T., Stephen, D.S., Aanandan, C.K., Mohanan, P., Nair, K.G. Backscattering reduction of trihedral corner reflectors using SCS technique 6887
Mathew, T. *see* Stephen, D.S. 4225
Mathew, V. *see* Srivastava, G.P. 4315
Mathews, C.P. Improved closed-form DOA/frequency estimation via ESPRIT using DFT and derivative DFT beamforming 25130
Mathews, C.P., Haardt, M., Zoltowski, M.D. Implementation and performance analysis of 2D DFT beamspace ESPRIT 4883
Mathews, G.J., Towheed, S.S. WWW-based data systems for interactive manipulation of science data 6146
Mathews, J. Organizational foundations of economic learning 128
Mathews, J. Tunneling under London [underground power transmission] 50495
Mathews, T., Jr., Smith, M.R. Objective image quality measures for evaluating advanced MRI reconstruction methods 18237
Mathews, V.J. Adaptive Volterra filters using orthogonal structures 15259
Mathews, V.J., Hahn, P.J. Vector quantization using the L_∞ distortion measure 35114
Mathews, V.J. *see* Hahn, P.J. 25201
Mathews, V.J. *see* Panicker, T.M. 15373
Mathewson, A. *see* Ffloyd, L. 42648
Mathewson, A. *see* MacSweeney, D. 23019
Mathewson, A. *see* Rudan, M. 12852
Mathewson, A.G. Vacuum problems associated with the next generation of hadron colliders 36990
Mathey, Y. *see* Sassoli, H. 10867
Mathia, K., Saeks, R. Solving nonlinear equations using recurrent neural networks 52553
Mathias, K. *see* Von Heinrich, B. 50583
Mathieson, G. Customer handling intermediate server: an 'architecture-led' project 35572
Mathieu, F. *see* Boscheron, A.C.L. 14379
Mathieu, G. *see* Gay, N. 54323
Mathieu, L. *see* Bourdet, P. 58616
Mathieu, N., Ionescu, A.M., Morfouli, P. An education-oriented characterization of MOS integrated circuit technology 9909
Mathieu, N. *see* Ionescu, A. 13185
Mathieu, N. *see* Morfouli, P. 9903
Mathieu, P. *see* Bellemain, P. 16934
Mathieu, P. *see* Roy, G. 24111
Mathieu, Y. *see* Nemouchi, Y. 5549
Mathine, D.L. *see* Wheeler, C. 23716
Mathine, D.L. *see* Wheeler, C.B. 43341
Mathine, M.J. *see* Asgarpoor, S. 60381
Mathine, M.J. *see* Asgarpoor, S. 60462
Mathiopoulos, P.T. An overview of transceiver structures for advanced wireless personal communication systems (PCS) 58183
Mathiot, D. *see* Nedelec, S. 41889
Mathipoulos, P.T. *see* Makrakis, D. 45588
Mathis, A.W., Peterson, A.F. Modeling and analysis of interconnects within a package incorporating vias and a perforated ground plane 218
Mathis, A.W., Peterson, A.F. Capacitance calculations of conical vias with thick conductors 41528
Mathis, C., Taggiasco, C., Bertarelli, L., Boscolo, I., Tredicce, J.R. Resonances and instabilities in a bidirectional ring laser 33593
Mathis, G.P. *see* Stone, C.E. 8631
Mathis, M., Schnettler, A. Optical sensors for high-voltage switchgear 9422
Mathis, W. *see* Schwarz, S. 30348
Mathon, R., Van Trung, T. Unitals and unitary polarities in symmetric designs 40035
Mathoorasing, D., Bouchoule, S., Kazmierski, C. Enhanced optical-microwave interaction efficiency for radio applications with a hybrid passive filter-fast MQW DFB laser 41481
Mathoorasing, D., Tanguy, D., Legaud, P., Penard, E., Bouchoule, S., Kazmierski, C., Lemerdy, B., Dueme, P., Nicole, P., Schaller, M., Bois, J.R., Dravet, A. High speed optical mixer for distribution of 16 QAM or QPSK data signals over 38 GHz 58296
Mathoorasing, D. *see* Bouchoule, S. 55640
Mathoorasing, D. *see* Ramdane, A. 26813
Mathur, A., Keerthi, A.V., Shynk, J.J. Steady-state analysis of the multistage CM array for correlated signals 4821
Mathur, A., Keerthi, A.V., Shynk, J.J. A modified CM array algorithm for fading channels 6667
Mathur, A., Keerthi, A.V., Shynk, J.J., Gooch, R.P. Convergence properties of the multistage constant modulus array for correlated sources 25003
Mathur, A., Keerthi, A.V., Shyok, J.J. A variable step-size CM array algorithm for fast fading channels 45954
Mathur, A. *see* Geraghty, D.F. 44696
Mathur, A. *see* Keerthi, A.V. 25828
Mathur, A. *see* Miller, D.A. 29168
Mathur, A. *see* Pezeshki, B. 14104
Mathur, A. *see* Piehler, D. 36343
Mathur, A. *see* Ralston, J.D. 23921
Mathur, A. *see* Ralston, J.D. 33522
Mathur, A. *see* Shynk, J.J. 34895
Mathur, A. *see* Zhao, H. 3849
Mathur, A.C., Munjal, B.S., Purohit, D.S. Satcom antennas: a futuristic mechanical approach 4341
Mathur, B.K. *see* Kasiviswanathan, S. 41993
Mathur, B.P. *see* Arshak, K.I. 54539
Mathur, B.S. *see* Sen Gupta, A. 27318
Mathur, B.S. *see* Sen Gupta, A. 48956
Mathur, D. *see* Yang, G.-R. 12566
Mathur, D. *see* Yang, G.-R. 12586
Mathur, G.D. Using heat-pipe heat exchangers for reducing high energy costs of treating ventilation air 29885
Mathur, G.D. Enhancing performance of an air conditioning system with a two-phase heat recovery loop retrofit 29890
Mathur, G.D. *see* Goswami, D.Y. 29889
Mathur, J.N. *see* Butson, M.J. 37904
Mathur, J.P. *see* Nicholson, J.E. 7644
Mathur, P.C., Inderbir, Jasmina, Mehra, R.M. Physics of device grade amorphous silicon 54112
Mathur, P.C. *see* Mehra, R.M. 54350
Mathur, P.C. *see* Sachdev, V.K. 54113
Mathur, R.M. *see* Xu, X. 19070
Mathur, S. *see* Mukherjee, S. 53359
Mathuria, A. *see* Boyd, C. 57647
Mathy, F. *see* Bonnefoy, J.P. 37499
Mathy, F. *see* Gerstenmayer, J.L. 37351
Mathy, F. *see* Gigot, J.-F. 37352
Mathy, F. *see* Glasser, F. 37338
Mathys, P. *see* Velaerts, B. 51345
Matias, M.A., Perez-Munuzuri, V., Lorenzo, M.N., Marino, I.P., Perez-Villar, V. Observation of a fast rotating wave in rings of coupled chaotic oscillators 21518
Matias, M.A. *see* Lorenzo, M.N. 1173
Matias, R.M., Raizer, A. Calculation of electric field created by transmission lines, by 3D-FE method using complex electric scalar potential 44850
Matic, D. *see* Bjelic, S. 19308
Matic, P. *see* DeGiorgi, V. 13343
Matic, R.M. *see* Xiang-Gen Xia 4649
Matic, R.M. *see* Xiang-Gen Xia 45778
Matic, Z. *see* LaSala, K.P. 38252
Matijasevic, M. *see* Andrikopoulos, I. 35506
Matijevic, E. *see* Yie-Shein Her 10951
Matikas, T.E. *see* Rokhlin, S.I. 31023
Matilla, S.Lorenzo *see* Lorenzo Matilla, S.
Matilson, E.M. *see* Vessot, R.F.C. 48294
Matinaga, F.M. *see* Freire, S.L.S. 22376
Matjacic, Z. *see* Bajd, T. 49757
Matko, D. *see* Kocijan, J. 19757
Matko, D. *see* Kocijan, J. 38686
Matko, V., Donlagic, D. Sensor for high-air-humidity measurement 27466
Matko, V., Donlagic, D. Highly sensitive humidity sensor for dielectric measurement (water absorption) in glass-fiber resins 36497
Matkovskii, A.O. *see* Kaczmarek, S. 14028
Matkovskii, A.O. *see* Kaczmarek, S. 14030
Matkowskii, A. *see* Frukacz, Z. 13534
Matl, K. *see* Zoller, A. 3553
Matlekovic, V. SS7: Application in Croatian telephone network 6004
Matlock, C.A. *see* Clews, P.J. 42455
Matlock, C.A. *see* Resnick, P.J. 42484
Matloubian, M. InP-based HEMTs for millimeter wave and submillimeter wave power applications 41434
Matloubian, M. *see* Meneghesso, G. 2728
Matloubian, M. *see* Meneghesso, G. 43152
Matmti, R. *see* Laflamme, C. 14897
Matoba, A. *see* Kashima, Y. 55457
Matoba, A. *see* Munakata, T. 55675
Matoba, H. *see* Hirata, S. 43359
Matoba, K. *see* Suzuki, F. 7504
Matoba, M. *see* Javanmardil, F. 59285
Matoba, M. *see* Murohka, H. 59271
Matoba, M. *see* Nohtomi, A. 59302
Matoba, M. *see* Uozumi, Y. 49315
Matoba, O., Itoh, K., Ichioka, Y. Nonuniform and off-axis structures for photorefractive waveguides in lithium niobate 43993
Matoba, S. *see* Xia, Y. 60233
Matoba, T. *see* Okamoto, K. 35742
Matola, M. *see* Eskelinen, P. 27282
Matolak, D.W., Wilson, S.G. Detection for a statistically known, time-varying dispersive channel 16010
Maton, J., Caulcutt, A. Linking CAD and MRP with manufacturing, test and repair 53757
Matos, A.C. Integral representation of the error and asymptotic error bounds for generalized Pade type approximants 30545
Matos, C.De *see* De Matos, C.
Matos, J.S. *see* da Silva, J.M. 21822
Matos, M., Matos, M., Freitas, D. Computers, impairments and communication a perspective of neuromuscular patients 8176
Matos, M. *see* Matos, M. 8176
Matossian, J.N., Goebel, D.M. Design characteristics of a 100 kV, 100 kW plasma ion implantation facility 1896
Matossian, J.N., Wei, R. Operating characteristics of a 100kV, 100kW plasma ion implantation facility 1897
Matousek, H. *see* Lee, D.M. 59268
Matozaki, T. *see* Hasegawa, M. 4953
Matozaki, T. *see* Satoh, M. 25729
Matragi, W., Sohraby, K., Bisdikian, C. Jitter calculus in ATM networks: multiple nodes 35438
Matragi, W. *see* Benmohamed, L. 26195
Matras, P., Bunger, R., Arndt, F. Modal scattering matrix of the general step discontinuity in elliptical waveguides 45331
Matricciani, E., Mauri, M. Copolar and cochannel interference from adjacent satellites during rain at 12 GHz 6695
Matrosov, V.V. Regular and chaotic self-oscillations of a phase system 21526
Matrosov, V.V. *see* Ponomarenko, V.P. 40854
Matrouf, D. *see* Gauvain, J.L. 24819
Matschiner, H. *see* Habermann, W. 48989
Matschke, M. *see* Roth, A. 8403
Matschke, M. *see* Roth, A. 8405
Matsello, V., Schlesinger, M. Peculiarities of structural analysis of image contours under various orders of scanning 15891
Matsik, S.G. *see* Perera, A.G.U. 17371
Matsik, S.G. *see* Perera, A.G.U. 48520
Matsko, A.B. Quantum limit of the resolution in force measurement in active interferometric optical displacement transducer 17326
Matson, C.L., Clark, N., McMackin, L., Fender, J.S. Three-dimensional tumor localization in thick tissue with the use of diffuse photon-density waves 37660
Matson, J.V. *see* Burton, L.C. 20655
Matson, R. *see* Albin, D. 40548
Matson, R. *see* Ciszek, T.F. 30694
Matson, R. *see* Contreras, M.A. 39067
Matson, R. *see* Xiaonan Li 39105
Matson, R.J. *see* Rose, D.H. 39060
Matstoms, P. Sparse linear least squares problems in optimization 30601
Matsu, H. *see* Tsuyuguchi, T. 49429
Matsu-ura, K. *see* Kawada, M. 54978
Matsu-ura, K. *see* Michihira, M. 19847
Matsu-ura, K. *see* Michihira, M. 51310
Matsuba, H. *see* Shintomi, K. 40717
Matsuba, H. *see* Shintomi, K. 49497
Matsuba, S. *see* Nishida, Y. 31346
Matsubara, G., Ide, N. A low power zero-overhead self-timed division and square root unit combining a single-rail static circuit with a dual-rail dynamic circuit 53099
Matsubara, G., Ide, N., Suzuki, S. A design of a fast division and square root unit using an asynchronous circuit 41091

Matsubara, H., Sakamoto, Y., Yamamura, K., Nukii, T. Fine pitch TAB/OLB (Tape Automated Bonding/Outer Lead Bonding) technology by soldering method through non-cleaning process 12011
Matsubara, H. *see* Kohno, M. 7564
Matsubara, H. *see* Matsuzawa, H. 7725
Matsubara, H. *see* Matsuzawa, I. 37079
Matsubara, H. *see* Sakai, T. 48861
Matsubara, I. *see* Enomoto, H. 43832
Matsubara, K. Directional coupler TE-TM mode splitter with a multilayered waveguide 55259
Matsubara, K., Nakata, T., Takahashi, N., Fujiwara, K., Nakano, M., Zhu, H.L., Aoki, H. Effect of staircase output voltage waveform of a D/A converter on iron losses measured using an H coil 27849
Matsubara, K., Sakakibara, T., Notohara, Y., Anno, H., Shimizu, H., Koyanagi, T. Electronic transport properties of the Skutterudite $CoSb_3$ and mixed alloys 31912
Matsubara, K. *see* Anno, H. 31927
Matsubara, K. *see* Koyanagi, T. 31914
Matsubara, K. *see* Nakagawa, H. 31916
Matsubara, M. *see* Nagao, M. 1921
Matsubara, T., Fujita, H., Endo, T., Horita, K., Ikeda, M., Kido, C., Ishigaki, T. Development of a high-speed processing algorithm for mass detection based on thresholding technique in mammograms 59401
Matsubara, T., Ishihara, Y., Kitamura, S., Inoue, Y., Takahashi, N. Magnetic field analysis in condenser motor considering skewed slot effects 51019
Matsubara, T. *see* Wada, H. 58846
Matsubara, T. *see* Wakaya, F. 12658
Matsubara, T. *see* Wakaya, F. 42201
Matsubara, Y., Endo, K., Tatsumi, T., Ueno, H., Sugai, K., Horiuchi, T. Low-k fluorinated amorphous carbon interlayer technology for quarter micron devices 42668
Matsubara, Y. *see* Ando, K. 2794
Matsubara, Y. *see* Ando, K. 22619
Matsubara, Y. *see* Endo, K. 877
Matsubara, Y. *see* Endo, K. 40555
Matsubara, Y. *see* Imai, K. 2806
Matsubara, Y. *see* Ishigami, T. 42719
Matsubara, Y. *see* Jindo, T. 56824
Matsubara, Y. *see* Ohoka, H. 48390
Matsubayashi, S. *see* Komaki, A. 51474
Matsuda, A. Control of plasma and surface conditions for low defect density a-Si:H at high growth rates 30952
Matsuda, A. *see* Ganguly, G. 29630
Matsuda, A. *see* Ganguly, G. 31875
Matsuda, A. *see* Ikeda, T. 31874
Matsuda, A. *see* Kondo, M. 857
Matsuda, A. *see* Shimada, Y. 2984
Matsuda, F. *see* Taniuchi, H. 17204
Matsuda, H., Matsuda, Y., Kabasawa, M., Okita, T. Spot weldability of hot-dip galvanized steel sheet 185
Matsuda, H., Yamada, S., Van Keuren, E., Katagi, H., Kasai, H., Okada, S., Oikawa, H., Nakanishi, H., Smith, E.C., Kar, A.K., Wherrett, B.S. Nonlinear refractive indices of polydiacetylene microcrystals 55836
Matsuda, H. *see* Albrecht, O. 21323
Matsuda, H. *see* Hiyoshi, M. 51154
Matsuda, H. *see* Ishihara, T. 51530
Matsuda, H. *see* Kitamura, A. 38662
Matsuda, H. *see* Matsuzawa, H. 24082
Matsuda, H. *see* Suguri, K. 1447
Matsuda, H. *see* Takasu, I. 23336
Matsuda, I., Watanabe, K., Itoh, S. Segmentation using Voronoi diagrams for image coding 46099
Matsuda, I. *see* Kimura, S. 46096
Matsuda, I. *see* Mizuno, T. 29756
Matsuda, I. *see* Nagasawa, K. 29297
Matsuda, J. *see* Nomizu, S. 7531
Matsuda, K. Communication science–the past five years and the coming five years 35540
Matsuda, K. *see* Barnes, T.H. 3488
Matsuda, K. *see* Barnes, T.H. 7567
Matsuda, K. *see* Sato, S. 30189
Matsuda, K. *see* Yoshida, T. 16795
Matsuda, M. *see* Nohira, H. 2380
Matsuda, M. *see* Sahara, R. 3453
Matsuda, M. *see* Takeuchi, S. 49147
Matsuda, N., Naka, H., Hirota, O., Ogura, H., Ukawa, K. New spin coating process of reducing liquid loss to 1/25 52756
Matsuda, N., Olbrechts, G., Put, E.J.H., Clays, K., Persoons, A. Comparison between optical nonlinearity relaxation times from coherent second-harmonic generation and from incoherent hyper-Rayleigh scattering 14388
Matsuda, N. *see* Higashikubo, T. 16519
Matsuda, N. *see* Kodaira, T. 33629
Matsuda, S. Propagation constants and no-loss transmission of coupled line type plasma triode 54008
Matsuda, S., Kata, K., Nakajima, H., Hagimoto, E. Development of molded fine-pitch ball grid array (FPBGA) using through-hole bonding process 197
Matsuda, S. *see* Hisamatsu, T. 37994
Matsuda, S. *see* Kamiya, H. 29864
Matsuda, S. *see* Ohshima, T. 29649
Matsuda, S. *see* Pesce, A. 21694
Matsuda, S. *see* Sunouchi, K. 41169
Matsuda, S. *see* Taylor, S.J. 54574
Matsuda, S. *see* Yagishita, A. 54424
Matsuda, S. *see* Yamaguchi, M. 37976
Matsuda, T., Azuma, S., Usui, M. A protection and control system for 1000 kV power transmission 50489
Matsuda, T., Komori, M., Inoue, H., Hayashi, K., Kimura, T., Sasayama, S. Another interpretation of Burst imaging as a variation of line projection imaging 18282
Matsuda, T., Okuno, Y. Numerical evaluation of plane-wave diffraction by a doubly periodic grating 14593
Matsuda, T. *see* Avrillon, S. 37342
Matsuda, T. *see* Avrillon, S. 59250
Matsuda, T. *see* Deguchi, K. 32291
Matsuda, T. *see* Ikeda, H. 59310
Matsuda, T. *see* Iwatsuki, K. 26460
Matsuda, T. *see* Kikkawa, T. 11497
Matsuda, T. *see* Miyata, H. 37384
Matsuda, T. *see* Oda, M. 32305
Matsuda, T. *see* Oda, M. 32309
Matsuda, T. *see* Okada, I. 32297
Matsuda, T. *see* Onoda, M. 36478
Matsuda, T. *see* Saito, S. 16749
Matsuda, T. *see* Saitoh, Y. 22679
Matsuda, T. *see* Sato, H. 59166
Matsuda, T. *see* Senyo, K. 37386
Matsuda, T. *see* Uchiyama, S. 32298
Matsuda, T. *see* Yamamoto, Y. 40394
Matsuda, Y. Enhanced ultrasonography–the role and recent advances in diagnosis of hepatic tumors 7943
Matsuda, Y., Murata, Y. Change in charging characteristics of high polymers by plasma treatment 33812
Matsuda, Y. *see* Aono, T. 27898
Matsuda, Y. *see* Ishikawa, K. 48689
Matsuda, Y. *see* Ishikawa, M. 11769
Matsuda, Y. *see* Ishikawa, M. 29555
Matsuda, Y. *see* Matsuda, H. 185
Matsuda, Y. *see* Morita, M. 11761
Matsuda, Y. *see* Morita, M. 29580
Matsuda, Y. *see* Shirai, H. 24547
Matsudaira, Y. *see* Takao, K. 20157
Matsue, H. *see* Umehira, M. 47090
Matsue, T. *see* Shibuya, M. 19961
Matsueda, H., Takeno, S. Spectral features due to dipole-dipole interactions in optical harmonic generation 3998
Matsugata, K., Tsuchida, H., Saitou, H., Yatsui, K. Studies and performance of decreased rail gap switch inductance by enhancing multichanneling via gas mixture 51378
Matsuguchi, M., Minomura, M., Sadaoka, Y., Kuroiwa, T., Sakai, Y. Effect of the film thickness on the humidity sensing characteristics of cross-linked PVCA film 58712
Matsuguchi, M., Shinmoto, M., Sadaoka, Y., Kuroiwa, T., Sakai, Y. Effect of the degree of cross-linking on the characteristics of a PVCA capacitive-type humidity sensor 17343
Matsuguchi, M. *see* Sakai, Y. 27480
Matsuhara, H. *see* Watarai, H. 17396
Matsuhashi, H., Ochiai, T., Kasai, M., Nakamura, T., Nishikawa, S. High-performance double-layer epitaxial-channel PMOSFET compatible with a single gate CMOSFET 2643
Matsuhashi, H. *see* Masu, K. 2435
Matsuhashi, H. *see* Tani, K. 54943
Matsuhashi, S., Hirayama, Y., Nakamura, O., Minami, T. A study on the robustness of the personal identification algorithm for the facial image with make-up 4935
Matsuhata, H. *see* Wang, X.-L. 30822
Matsuhiro, D. *see* Hossain-Pas, S. 30097
Matsuhiro, K. *see* Matsumoto, M. 19951
Matsuhiro, K. *see* Sameshima, Y. 31605
Matsui, E. *see* Yasuda, A. 36820
Matsui, H. Delayed decision feedback sequence estimator for GMSK wireless ATM modem 58161
Matsui, H., Nakagawa, H., Joglekar, B., Shibata, K., Muramatsu, H., Abe, Y., Kaneko, R. Synthesis of perfluoroalkylated azo dyes and their application to guest-host liquid crystal display 23590
Matsui, K., Kawata, Y., Ueda, F., Yamaguchi, T. Asymmetrical modulation and over-modulation techniques of parallel connected NPC-PWM inverters 38872
Matsui, K., Kosugi, Y. An analysis on genetic algorithms using Markov processes with rewards 40085
Matsui, K., Ueda, F., Kawata, Y., Tsuboi, K., Iwata, K. Novel modulation strategies of parallel connected NPC-PWM inverters for AC motor drives 29412
Matsui, K., Ueda, F., Tsuboi, K., Iwata, K., Kobayashi, T. Parallel connections of pulsewidth modulated NPC converters using current sharing reactors 51217
Matsui, K. *see* Kato, T. 51866
Matsui, K. *see* Kobayashi, Y. 13387
Matsui, K. *see* Matsumura, K. 57398
Matsui, K. *see* Oka, K. 46450
Matsui, K. *see* Ueda, F. 38884
Matsui, K. *see* Yamaguchi, T. 38821
Matsui, M. Bidirectional soft switching arm topology for a nonresonant HF link converter 38828
Matsui, M. *see* Kato, H. 21690
Matsui, M. *see* Shibata, Y. 10860
Matsui, M. *see* Ushirozawa, S. 57939
Matsui, N. Sensorless permanent-magnet brushless DC and synchronous motor drives 51726
Matsui, N. *see* Divekar, D. 1858
Matsui, N. *see* Goto, H. 21314
Matsui, N. *see* Iwasaki, M. 60646
Matsui, N. *see* Ju-Suk Lee 29706
Matsui, N. *see* Takeshita, T. 39280
Matsui, S. *see* Fujita, J. 32287
Matsui, S. *see* Izawa, T. 3774
Matsui, S. *see* Kawaura, H. 54673
Matsui, S. *see* Ochiai, Y. 21349
Matsui, S. *see* Ohnishi, Y. 42822
Matsui, T. A new mathematical human vision model with an autonomous image observing mechanism and its application to multiple motion detection 5286
Matsui, T. Characteristics of lens tilt and disk tilt for phase-change optical head 43895
Matsui, T., Kagatsuka, A. Wide band horn (ridged horn) calibration by the three antenna method 27295
Matsui, T., Nishitani, T., Furui, S. Robust methods of updating model and a priori threshold in speaker verification 15132
Matsui, T., Okada, M., Itoi, S., Uchikawa, T., Ohkubo, S. Development of phase-change disk and optical video disk recorder of large storage capacity using small-size-disk 55172
Matsui, T. *see* Abel, C.-D. 3616
Matsui, T. *see* Hirashi, K. 51228
Matsui, T. *see* Kang, M.-K. 12180
Matsui, T. *see* Matsuoka, H. 61306
Matsui, T. *see* Toyama, T. 22277
Matsui, T. *see* Ueda, M. 48459
Matsui, T. *see* Ueki, Y. 28841
Matsui, T. *see* Watanabe, K. 9278
Matsui, Y., Murai, H., Arahira, S., Kutsuzawa, S., Ogawa, Y. 30-GHz bandwidth 1.55-μm strain-compensated InGaAlAs-InGaAsP MQW laser 23907
Matsui, Y., Torii, K., Kushida, K., Miki, H., Fujisaki, Y. Highly oxidation-resistant TiN barrier layers for ferroelectric capacitors 55006
Matsui, Y. *see* Arahira, S. 55713
Matsui, Y. *see* Fujino, T. 22740
Matsui, Y. *see* Kamon, K. 22737
Matsui, Y. *see* Kishimura, S. 32280
Matsui, Y. *see* Kobayashi, K. 43060
Matsui, Y. *see* Kondoh, J. 7435
Matsui, Y. *see* Kondoh, J. 27518
Matsui, Y. *see* Nakao, S. 42891
Matsui, Y. *see* Ogata, T. 52791
Matsui, Y. *see* Shigetani, H. 40396
Matsui, Y. *see* Sone, T. 27663
Matsui, Y. *see* Takenaka, N. 48014
Matsui, Y. *see* Tohmon, G. 16678
Matsukawa, A. *see* Koh, M. 22870
Matsukawa, N., Yamada, S., Amemiya, K., Hazama, H. A hot hole-induced low-level leakage current in thin silicon dioxide films 2836
Matsukawa, T., Mori, S., Tanii, T., Arimura, T., Koh, M., Igarashi, K., Sugimoto, T., Ohdomari, I. Evaluation of soft-error hardness of DRAMs under quasi-heavy ion irradiation using He single ion microprobe technique 21693
Matsukawa, T. *see* Koh, M. 2665
Matsukawa, T. *see* Koyama, M. 2579
Matsuki, H., Ofuji, K., Chubachi, N., Nitta, S. Signal transmission for implantable medical devices using figure-of-eight coils 8138
Matsuki, H., Oono, T., Takanashi, H., Tanaka, T. An error control scheme for high-quality, high-speed data communication by PHS 35978
Matsuki, H., Takanashi, H., Tanaka, T. Throughput performances of SR ARQ with modulo operation using data field in mobile environment 47726
Matsuki, H., Yamakata, Y., Chubachi, N., Nitta, S.-I., Hashimoto, H. Transcutaneous DC-DC converter for totally implantable artificial heart using synchronous rectifier 8139
Matsuki, H. *see* Hoshimiya, N. 59810
Matsuki, H. *see* Murakami, J. 8843
Matsuki, H. *see* Sato, F. 9641
Matsuki, J., Hasegawa, S., Abe, M. An analytical model considering losses for a thyristor controlled series capacitor 9469
Matsuki, J., Ikeda, K., Abe, M. A laboratory-scale thyristor controlled series capacitor 28725
Matsuki, J., Ikeda, K., Abe, M. Investigations of a thyristor-controlled series capacitor 50381
Matsuki, J., Ikeda, K., Tanaka, T., Abe, M. Dynamic performance of a thyristor-controlled series capacitor system 19236
Matsuki, J. *see* Katagi, T. 38717
Matsuki, K. *see* Yamashita, K. 22687
Matsuki, K. *see* Yoshitake, S. 22634
Matsuki, T., Hayashi, Y., Kunio, T. Crystalline-buffer-layer-aided (CBL) sputtering technique for mega-bit ferroelectric memory devices with $SrBi_2Ta_2O_9$ capacitors 43587
Matsukiyo, H. *see* Toyama, H. 13826
Matsukura, F. *see* Shen, A. 40393
Matsukura, N., Fukumoto, Y., Miyazaki, T., Inoue, Y., Miyatake, T., Shimada, M., Ogawa, R., Kurahashi, H. Effects of tantalum addition on hysteresis losses and critical current densities of powder-metallurgy processed Nb_3Sn superconducting wires 55099
Matsukura, N. *see* Miyazaki, T. 55103
Matsukura, W. *see* Kudou, Y. 16793

Matsumi, S. *see* Kameda, M. 39128
Matsumi, Y. *see* Senga, T. 2332
Matsumiya, M. *see* Takahashi, M. 19511
Matsumoto, A., Yanase, T., Hasegawa, T. Making an user-friendly interface with X-window to a logic circuit simulator 31174
Matsumoto, F., Ishibashi, Y. A realization of a high-frequency monolithic integrator with low power dissipation and its application to an active RC filter 11563
Matsumoto, F. *see* Junyong Kang 41925
Matsumoto, H. Dark currents [linear accelerators] 49163
Matsumoto, H., Ohsawa, Y., Takahasi, S., Akiyama, T., Hanaoka, H., Ishiguro, O. Startup optimization of a combined cycle power plant based on cooperative fuzzy reasoning and a neural network 38627
Matsumoto, H., Usui, H., Takenaka, S. Computer experiments on radio blackout of a re-entry vehicle and its evasion with magnetic field applied to the re-entry plasma 58256
Matsumoto, H. *see* Baba, H. 49065
Matsumoto, H. *see* Bork, I. 12162
Matsumoto, H. *see* Hane, M. 12955
Matsumoto, H. *see* Hane, M. 43069
Matsumoto, H. *see* Hashimoto, K. 50076
Matsumoto, H. *see* Honda, T. 14368
Matsumoto, H. *see* Kashiwagi, S. 49209
Matsumoto, H. *see* Koh, R. 54672
Matsumoto, H. *see* Kotani, M. 21416
Matsumoto, H. *see* Lee, H.S. 37096
Matsumoto, H. *see* Lijiang Zeng 27888
Matsumoto, H. *see* Lijiang Zeng 36902
Matsumoto, H. *see* Lijiang Zeng 48891
Matsumoto, H. *see* Lijiang Zeng 59014
Matsumoto, H. *see* Mizuta, H. 53598
Matsumoto, H. *see* Nitta, T. 60308
Matsumoto, H. *see* Shintake, T. 37131
Matsumoto, H. *see* Tanaka, K. 12867
Matsumoto, H. *see* Watanabe, K. 49212
Matsumoto, H. *see* Watanabe, Y. 50043
Matsumoto, H. *see* Yamaashi, K. 46470
Matsumoto, H. *see* Zeng, T. 48912
Matsumoto, J. *see* Carter, B. 18671
Matsumoto, J. *see* Ozaki, K. 43187
Matsumoto, K. GaAs power module for cellular portable telephones 6633
Matsumoto, K. Room temperature operated single electron transistor made by STM/AFM nano-oxidation process 13042
Matsumoto, K. Real-time high accurate cell loss recovery technique for speech over ATM networks 14908
Matsumoto, K. Room temperature operated single electron transistor by STM nano-oxidation process: fabrication process and electrical properties 22893
Matsumoto, K., Hashimoto, K., Obana, S. Design and implementation of real-time expert system for troubleshooting in international telephone networks 35671
Matsumoto, K., Ishii, M., Shirakashi, J., Vartanian, B.J., Harris, J.S. Single electron devices with various structures made by STM/AFM nano-oxidation process 54723
Matsumoto, K., Rokushima, K., Yamakita, J. Analysis of diffracted waves from isotropic chiral gratings 45117
Matsumoto, K., Yuasa, K., Suzuki, A., Nakagawa, K. Measurement of ohmic resistivity of corrosion scales formed on separator materials used in molten carbonate fuel cell 51555
Matsumoto, K. *see* Anic, I. 37856
Matsumoto, K. *see* Arai, T. 40328
Matsumoto, K. *see* Asano, T. 17066
Matsumoto, K. *see* Fujiwara, S. 10665
Matsumoto, K. *see* Fujiwara, S. 30695
Matsumoto, K. *see* Fujiwara, Y. 49405
Matsumoto, K. *see* Hoshijima, K. 51283
Matsumoto, K. *see* Ishihara, Y. 48997
Matsumoto, K. *see* Ishimura, E. 26840
Matsumoto, K. *see* Itatani, T. 33255
Matsumoto, K. *see* Katashiro, M. 17520
Matsumoto, K. *see* Kitayama, M. 19251
Matsumoto, K. *see* Matsushita, T. 55092
Matsumoto, K. *see* Nonomura, T. 36349
Matsumoto, K. *see* Shirakashi, J. 2739
Matsumoto, K. *see* Shirakashi, J. 10929
Matsumoto, K. *see* Sugimoto, M. 52854
Matsumoto, K. *see* Takano, Y. 51908
Matsumoto, K. *see* Tsukagoshi, T. 51874
Matsumoto, K. *see* Uchida, K. 42151
Matsumoto, K. *see* Yamamoto, T. 27537
Matsumoto, K. *see* Yamashita, T. 51286
Matsumoto, M., Akagi, Y., Hasegawa, A. Propagation of solitons in fibers with randomly varying birefringence: effects of soliton transmission control 58269
Matsumoto, M., Miyazaki, H., Matsuhiro, K., Kumashiro, Y., Takaoka, Y. A dye sensitized TiO_2 photoelectrochemical cell constructed with polymer solid electrolyte 19951
Matsumoto, M. *see* Asai, Y. 28165
Matsumoto, M. *see* Fukushima, T. 1475
Matsumoto, M. *see* Horiuchi, H. 51499
Matsumoto, M. *see* Ikeda, H. 33638
Matsumoto, M. *see* Ishihara, T. 45931
Matsumoto, M. *see* Kotaki, A. 10027
Matsumoto, M. *see* Ogawa, T. 32312
Matsumoto, M. *see* Ohta, T. 7044
Matsumoto, M. *see* Takigawa, A. 28166
Matsumoto, M. *see* Watanabe, Y. 19638
Matsumoto, M. *see* Yamamoto, S. 8016
Matsumoto, M. *see* Yamomoto, S. 28146
Matsumoto, N. *see* Kannari, F. 21362
Matsumoto, N. *see* Nishimura, Y. 23389
Matsumoto, R. *see* Arakawa, T. 53285
Matsumoto, S., Gong, J.P., Osada, Y. Spontaneous motion of polymer gels on water 10981
Matsumoto, S., Mino, M., Yachi, T. Integration of a power supply for system-on-chip 32566
Matsumoto, S., Takayama, K., Toyooka, S. Measurements of dew droplets deposited on a metal plate by using an interference microscope with laser light 33782
Matsumoto, S., Yachi, T. Study on parasitic bipolar effect in a 200-V-Class power MOSFET using silicon direct bonding SOI wafer 43092
Matsumoto, S., Yachi, T., Horie, H., Arimoto, Y. A novel high-speed quasi-SOI power MOSFET with suppressed parasitic bipolar effect fabricated by reversed silicon wafer direct bonding 43078
Matsumoto, S. *see* Akane, T. 10779
Matsumoto, S. *see* Deguchi, H. 56117
Matsumoto, S. *see* Deguchi, H. 56138
Matsumoto, S. *see* Hamada, T. 15815
Matsumoto, S. *see* Iijima, T. 37238
Matsumoto, S. *see* Kurosaki, T. 3669
Matsumoto, S. *see* Mawatari, H. 44469
Matsumoto, S. *see* Shintake, T. 37131
Matsumoto, S. *see* Shishido, H. 2460
Matsumoto, S. *see* Sugimoto, Y. 59202
Matsumoto, S. *see* Tamada, H. 55293
Matsumoto, S. *see* Tanabe, T. 27667
Matsumoto, S. *see* Tanaka, A. 7402
Matsumoto, S. *see* Tsuno, K. 31734
Matsumoto, S. *see* Yamamoto, N. 42574
Matsumoto, S. *see* Yoshida, A. 1175
Matsumoto, S. *see* Zaitsu, Y. 40659
Matsumoto, T. A consideration on reproducibility of impulse waveform by multi-stage Marx generator using detailed equivalent circuit 29410
Matsumoto, T., Nishioka, S., Hodder, D.J. Beam-selection performance analysis of a switched multibeam antenna system in mobile communications environments 35999
Matsumoto, T. *see* Aimoto, A. 8073
Matsumoto, T. *see* Fukunaga, K. 15745
Matsumoto, T. *see* Hamamoto, K. 16509
Matsumoto, T. *see* Hara, T. 59462
Matsumoto, T. *see* Haruta, Y. 11907
Matsumoto, T. *see* Ishiguro, F. 60359
Matsumoto, T. *see* Kikuchi, T. 60367
Matsumoto, T. *see* Kodama, Y. 20858
Matsumoto, T. *see* Saitoh, K. 32293
Matsumoto, T. *see* Tanaka, S. 21467
Matsumoto, T. *see* Watarai, H. 17396
Matsumoto, T. *see* Yamamoto, S. 8016
Matsumoto, T. *see* Yamomoto, S. 28146
Matsumoto, T. *see* Kim, K. *(editor)* 77
Matsumoto, Y. Offset QPSK simultaneous carrier and bit-timing recovery scheme: Agile acquisition over satellite communication channels 36057
Matsumoto, Y., Asomoza, R., Hirata, G., Cota-Araiza, L. Boron-carbide p-type layer for amorphous silicon solar cells 9536
Matsumoto, Y., Asomoza, R., Merkulov, A., Hirata, G., Cota-Araiza, L. Improvement of a-Si:H solar cell characteristics by means of a boron-carbon window layer 61093
Matsumoto, Y., Hanajiri, T., Toyabe, T., Sugano, T. Experimental observation of Coulomb staircase in asymmetric tunnel barrier system 43162
Matsumoto, Y., Kawai, H., Terada, T., Kawahito, S., Ishida, M., Nakamura, T. A magnetic sensor with silicon on insulator structure for high temperature applications 36532
Matsumoto, Y., Sasaki, A. An investigation of the current-voltage characteristics of silver sheathed Bi-2212 tapes 43736
Matsumoto, Y., Tanaka, M., Kozono, S., Takahashi, T. Evaluation of system noise temperature of S-Band intersatellite communications equipment on ETS-VI satellite 45442
Matsumoto, Y., Tanaka, M., Okazawa, H., Takahashi, T., Arakaki, Y., Li, H.-B., Ikegami, T. Satellite interference location system using on-board multibeam antenna 26660
Matsumoto, Y., Terasaki, H., Sugimoto, K., Arakawa, T. An algorithm for converting monocular image sequences to stereo based on scene reconstruction 35042
Matsumoto, Y. *see* Badics, Z. 40719
Matsumoto, Y. *see* Badics, Z. 40720
Matsumoto, Y. *see* Choi, S.O. 27454
Matsumoto, Y. *see* Ichihangase, H. 58039
Matsumoto, Y. *see* Ito, K. 50789
Matsumoto, Y. *see* Kobayashi, K. 36056
Matsumoto, Y. *see* Kurogo, S. 13338
Matsumoto, Y. *see* Okuda, I. 33366
Matsumoto, Y. *see* Sato, H. 25905
Matsumoto, Y. *see* Tajima, H. 29671
Matsumoto, Y. *see* Takahashi, E. 44704
Matsumoto, Y. *see* Takao, H. 27452
Matsumoto, Y. *see* Tanaka, M. 34374
Matsumoto, Y. *see* Toratani, H. 32967
Matsumoto, Y. *see* Yamazaki, T. 9449
Matsumoto, Y. *see* Yokoyama, R. 29108
Matsumura, A. *see* Deai, H. 12565
Matsumura, A. *see* Kawamura, K. 22460
Matsumura, A. *see* Ueda, M. 48987
Matsumura, E., Sato, M., Egawa, N. Aperture distribution error compensation circuit for active phased array antennas 56199
Matsumura, H. *see* Aita, K. 22691
Matsumura, K., Nakamura, Y., Matsui, K. Mathematical representation and image generation of human faces by metamorphosis 57398
Matsumura, K. *see* Enokizono, M. 43712
Matsumura, K. *see* Han, Q. 41402
Matsumura, K. *see* Hwang, J. 13409
Matsumura, K. *see* Itoh, K. 11859
Matsumura, K. *see* Matsuoka, S. 6823
Matsumura, K. *see* Onoye, T. 1479
Matsumura, K. *see* Qing Han 14675
Matsumura, K. *see* Shiraishi, K. 33019
Matsumura, K. *see* Tomabechi, Y. 11674
Matsumura, K.-I. *see* Hiranuma, S. 12053
Matsumura, M., Akai, T. Organic electroluminescent devices having derivatives of aluminum-hydroxyquinoline complex as light emitting materials 3583
Matsumura, M., Jinde, Y., Akai, T., Kimura, T. Analysis of current-voltage characteristics of organic electroluminescent devices on the basis of Schottky emission mechanism 13869
Matsumura, M. *see* Chang-Dong Kim 12916
Matsumura, M. *see* Fukidome, H. 41855
Matsumura, M. *see* Ikeda, K. 54452
Matsumura, M. *see* Morishita, S. 52711
Matsumura, M. *see* Motobe, H. 1792
Matsumura, M. *see* Nishiyama, E. 29604
Matsumura, M. *see* Sugahara, S. 10759
Matsumura, M. *see* Sugahara, S. 10761
Matsumura, M. *see* Sugahara, S. 52709
Matsumura, M. *see* Uchida, Y. 52819
Matsumura, N., Shimakawa, H., Mori, T., Maemura, K., Saraie, J. X-ray diffraction study of ZnSe(111) films grown on GaAs(111)A substrates by molecular beam epitaxy 52630
Matsumura, S., Kato, M., Ejiri, S., Hashimoto, H., Takebe, T. Wavelet image coding using power adaptive vector quantization 25715
Matsumura, S., Takebe, T. A new vector quantization for wavelet image coding 25298
Matsumura, S. *see* Ishimaru, M. 41962
Matsumura, S. *see* Kobayashi, T. 35177
Matsumura, T. *see* Kawamura, T. 16508
Matsumura, T. *see* Shinohara, K. 7950
Matsumura, T. *see* Tanaka, Y. 9425
Matsumura, T. *see* Tanaka, Y. 51390
Matsumura, T. *see* Yamanouchi, K. 32661
Matsumura, T. *see* Yokomizu, Y. 9424
Matsumura, Y., Nakai, T. Self-synchronized syntax for error-resilient video coding 5260
Matsumura, Y. *see* Tsuchiya, Y. 48246
Matsumuro, Y. *see* Oishi, Y. 52828
Matsunaga, H. *see* Ito, Y. 2908
Matsunaga, H. *see* Ito, Y. 52748
Matsunaga, H. *see* Takenaka, M. 32232
Matsunaga, H. *see* Ushikubo, M. 52750
Matsunaga, H. *see* Yano, K. 25182
Matsunaga, J. *see* Fuse, T. 41104
Matsunaga, J. *see* Nakano, H. 1405
Matsunaga, J. *see* Takashima, D. 1418
Matsunaga, M. *see* Takahashi, T. 56202
Matsunaga, M. *see* Yasumoto, K. 45305
Matsunaga, N. *see* Baba, H. 49065
Matsunaga, S., Sakamoto, H. Two-pass strategy for continuous speech recognition with detection and transcription of unknown words 15053
Matsunaga, S. *see* Shimizu, T. 15109
Matsunaga, S. *see* Shimizu, T. 15144
Matsunaga, T., Hino, S., Yukimatsu, K. Electronics and photonics in high-speed ATM switching 16493
Matsunaga, T. *see* Asano, K. 36691
Matsunaga, T. *see* Kim, G.R. 56039
Matsunaga, T. *see* Misawa, A. 26452
Matsunaga, T. *see* Tsukada, M. 26443
Matsunaga, T. *see* Uchida, K. 24451
Matsunaga, T. *see* Uchida, K. 45116
Matsunaga, T. *see* Yamada, Y. 47491
Matsunaga, Y., Shibutani, M. A short-span optical feeder for wireless personal communication systems using multimode fibers 16573
Matsunaga, Y. *see* Nakamura, N. 7403
Matsunami, H., Hatayama, T., Fuyuki, T. Hetero-interface control and atomic layer epitaxy of SiC 52708
Matsunami, H. *see* Fujii, T. 31878
Matsunami, H. *see* Furong Zhu 30897
Matsunami, H. *see* Fuyuki, T. 10705
Matsunami, H. *see* Hatayama, T. 744
Matsunami, H. *see* Hatayama, T. 40383
Matsunami, H. *see* Hatayama, T. 52720
Matsunami, H. *see* Inoue, N. 54366
Matsunami, H. *see* Kook-Sang Park 44254
Matsunami, M. *see* Ishikawa, T. 44971
Matsunawa, A., Semak, V. The simulation of front keyhole wall dynamics during laser welding 44841
Matsune, T. *see* Nakayama, H. 28874
Matsunishi, T. *see* Fujiwara, Y. 36067
Matsuno, H., Seo, I., Sato, H. Enhanced Cerenkovian SHG power with both UV-induced NLO $\chi^{(2)}$ corrugations and channel waveguide 4036
Matsuno, H. *see* Kuriyama, K. 10637
Matsuno, H. *see* Takezoe, N. 10963
Matsuno, J. *see* Tamura, Y. 7084

Matsuno, M., Mohri, K., Takito, H., Inuzuka, K. Detection of shaft-edge field of induction motor for stable torque control 9204
Matsuno, N., Yano, H., Hida, H., Maeda, T. An accurate HJFET capacitance-voltage model for implementation with a circuit simulator 32563
Matsuno, S. *see* Hirai, T. 2625
Matsuno, T. *see* Igarashi, H. 2798
Matsuno, T. *see* Tanabe, M. 2700
Matsunuma, T. *see* Hongo, H. 22742
Matsuo, A. *see* Tsuchiya, H. 30841
Matsuo, H., Funabashi, J., Iwata, A. 3-D object recognition using adaptive scale MEGI 15527
Matsuo, H. *see* Asano, M. 51346
Matsuo, H. *see* Ban, H. 59404
Matsuo, H. *see* Takenouchi, O. 32620
Matsuo, J., Toyoda, N., Yamada, I. Nanofabrication technology by gas cluster ion beams 22582
Matsuo, J. *see* Akizuki, M. 40535
Matsuo, J. *see* Goto, K. 42396
Matsuo, J. *see* Takeuchi, D. 41868
Matsuo, J. *see* Takeuchi, D. 42375
Matsuo, J. *see* Tanomura, M. 41872
Matsuo, J. *see* Yamada, I. 12775
Matsuo, J. *see* Yamada, I. 12794
Matsuo, J. *see* Yamada, I. 43201
Matsuo, K., Mizoguchi, M., Numakura, D.K. Micro bump array on flex circuits 10173
Matsuo, K., Ueda, K., Umeda, M. Extraction of character string region from color scene image 46128
Matsuo, K. *see* Kuroda, T. 11245
Matsuo, K. *see* Yoshida, S. 53340
Matsuo, M. *see* Baba, S. 239
Matsuo, M. *see* Sato, S. 9416
Matsuo, M. *see* Shinoda, K. 51327
Matsuo, M. *see* Yoshiki, K. 16570
Matsuo, N., Fujiwara, H., Miyoshi, T. Theoretical analysis for conduction mechanism of thin oxide-nitride-oxide films in the range of low voltage by WKB approximation 23106
Matsuo, N., Tsukamoto, K., Miyoshi, T. Analytical method of gigabit trench doping uniformity by secondary ion mass spectrometry 54362
Matsuo, S., Kurokawa, T. VCSEL-based smart pixels 33323
Matsuo, S., Nakahara, T., Kohama, Y., Ohiso, Y., Fukushima, S., Kurokawa, T. A monolithically integrated smart pixel using an MSM-PD, MESFET's, and a VCSEL 3665
Matsuo, S., Nakahara, T., Tateno, K., Kurokawa, T. Novel technology for hybrid integration of photonic and electronic circuits 7322
Matsuo, S. *see* Yamaguchi, M. 6424
Matsuo, T., Bernet, S., Colby, R.S., Lipo, T.A. Application of the matrix converter to induction motor drives 29414
Matsuo, T., El-Antably, A., Lipo, T.A. A new control strategy for optimum efficiency operation of a synchronous reluctance motor 29689
Matsuo, T., Endo, M., Shirai, M., Tsunooka, M. ArF surface modification resist process with enhanced water sorption ability 32275
Matsuo, T., Ishikawa, M., Umoto, J. Stability of open-cycle supersonic disk MHD generator 29651
Matsuo, T., Ishikawa, M., Umoto, J. Two-dimensional stability of open-cycle disk MHD generator–effects of electrical boundary condition 61098
Matsuo, T., Shirakawa, Y., Tsuruda, H., Okada, H., Ezaki, T. Robust transient stabilizer for power systems with superconducting magnetic energy storage unit 50413
Matsuo, T., Tsunetsugu, K., Okada, H., Ezaki, T. An adaptive control system via a Riccati equation and its application to power systems 50440
Matsuo, T. *see* Gotoh, S. 49822
Matsuo, T. *see* Hasegawa, Y. 46444
Matsuo, T. *see* Kuriyama, S. 36438
Matsuo, T. *see* Leonardi, F. 29226
Matsuo, T. *see* Teraoka, E. 47461
Matsuo, T. *see* Yokoi, S. 16274
Matsuoka, F. *see* Akasaka, Y. 2429
Matsuoka, F. *see* Inaba, S. 2653
Matsuoka, F. *see* Koike, H. 2792
Matsuoka, F. *see* Nishigohri, M. 43077
Matsuoka, H., Otake, K., Kojima, H., Matsui, T. Control unit for brake system of small motorcycles 61306
Matsuoka, H. *see* Hirosawa, Y. 13080
Matsuoka, J., Kawaguchi, H., Honma, T. Numerical analysis of radiation field from FEL considering electron distribution 14203
Matsuoka, J. *see* Hase, H. 4016
Matsuoka, J. *see* Nasu, H. 14316
Matsuoka, J. *see* Tsutaki, K. 31713
Matsuoka, K., Takeishi, E., Asano, H., Ichii, R., Ooyama, Y. Natural language processing in a Japanese text-to-speech system for written-style texts 45670
Matsuoka, K. *see* Misaka, A. 43298
Matsuoka, K. *see* Taniguchi, M. 5217
Matsuoka, M., Golea, M., Sakakibara, Y. Columnar recurrent neural network and time series analysis 34530
Matsuoka, N., Tokoro, T., Yasuda, M., Uchiyama, T. CO_2 laser excited by microwave discharge using stripline 33382
Matsuoka, R., Shinokubo, H., Kondo, K., Mizuno, Y., Naito, K., Fujimura, T., Terada, T. Assessment of basic contamination withstand voltage characteristics of polymer insulators 8929
Matsuoka, R. *see* Ishikawa, K. 8861
Matsuoka, S., Matsumura, K., Sato, Y., Kobayashi, Y., Hagimoto, K. Fault localization and supervisory channel implementation for optical linear-repeaters in SDH/SONET-based networks 6823
Matsuoka, S., Miyanaga, N., Amano, S., Nakatsuka, M. Frequency modulation controlled by cross-phase modulation in optical fiber 24072
Matsuoka, S. *see* Hirako, M. 6735
Matsuoka, S. *see* Kawase, N. 46584
Matsuoka, S. *see* Komori, M. 43875
Matsuoka, S. *see* Uematsu, Y. 58305
Matsuoka, S. *see* Yamamoto, S. 59592
Matsuoka, T. Lattice-matching growth of InGaAlN systems 21250
Matsuoka, T., Hasson, R., Barlow, M., Furui, S. Language model acquisition from a text corpus for speech understanding 14967
Matsuoka, T., Ohtsuki, K., Mori, T., Furui, S., Shirai, K. Large-vocabulary continuous speech recognition using a Japanese business-newspaper corpus 15110
Matsuoka, T. *see* Hasegawa, T. 27904
Matsuoka, T. *see* Kotaki, H. 43026
Matsuoka, T. *see* Ohno, T. 55444
Matsuoka, Y., Yamahata, S., Kurishima, K., Ito, H. Ultrahigh-speed InP/InGaAs double-heterostructure bipolar transistors and analyses of their operation 12897
Matsuoka, Y. *see* Ida, M. 1705
Matsuoka, Y. *see* Ishii, Y. 13904
Matsuoka, Y. *see* Kagawa, T. 2294
Matsuoka, Y. *see* Nakamura, H. 23719
Matsuoka, Y. *see* Sano, E. 3651
Matsuoka, Y. *see* Shishikura, M. 55429
Matsuoka, Y. *see* Tamaki, K. 29209
Matsura, H. *see* Tobari, T. 41274
Matsusaka, M., Shimizu, A., Hasegawa, J.-I., Toriwaki, J.-I., Suzuki, T. Extraction of lung borders in chest X-ray images using an elastic contour model 49452
Matsusaka, S. *see* Itakura, T. 24328
Matsuse, K., Kaneko, N., Yoshida, T. Analysis of inverter-fed high speed induction motor considering skew factor and crosspath resistance between adjacent rotor bars for wide speed range 29741
Matsuse, K. *see* Kubota, H. 29707
Matsuse, K. *see* Yamada, T. 50973
Matsushige, K. *see* Hayashi, K. 40382
Matsushige, K. *see* Ibrahim, R.C. 2923
Matsushige, K. *see* Orita, K. 3627
Matsushima, A., Tashiro, H. Dispersion characteristics of multilayered strip gratings 45101
Matsushima, F. *see* Odashima, H. 33702
Matsushima, H. *see* Baba, S. 239
Matsushima, H. *see* Miyatake, T. 46091
Matsushima, H. *see* Miyatake, T. 46236
Matsushima, H. *see* Ohashi, S. 10135
Matsushima, I. *see* Okuda, I. 33366
Matsushima, I. *see* Takahashi, E. 44704
Matsushima, K. *see* Tanaka, H. 45506
Matsushima, N., Yamazaki, T., Sotokawa, H., Kojima, H., Shigi, H. High wiring density Cu-polyimide thin film multilayer circuit which is realized by the vertical plated small via 11991
Matsushima, R. *see* Nakayama, H. 14246
Matsushima, S. *see* Gotoh, S. 49822
Matsushima, T. *see* Doi, H. 2912
Matsushima, T. *see* Ikeda, D. 51527
Matsushima, Y. *see* Sakata, H. 23624
Matsushiro, H. *see* Aoki, K. 39466
Matsushita, A. *see* Abe, S. 7245
Matsushita, A. *see* Matsuzawa, H. 7725
Matsushita, A. *see* Matsuzawa, I. 37079
Matsushita, F. *see* Amano, K. 27188
Matsushita, H., Jitsukawa, H., Takizawa, T. Thermal analysis of the chemical-reaction process for $CuGa_{1-x}In_xSe_2$ crystals 10650
Matsushita, H. *see* Nozu, M. 39829
Matsushita, K., Suzuki, N., Okuyama, S., Kumagai, Y. Hydrofluoric-treated GaAs surfaces analyzed by contact angle measurement and Auger electron spectroscopy 2350
Matsushita, K. *see* Kitagawa, M. 32353
Matsushita, K. *see* Okuyama, S. 58876
Matsushita, K. *see* Shigenaka, K. 703
Matsushita, K. *see* Shinkai, K. 19331
Matsushita, M. *see* Nose, M. 35790
Matsushita, T., Iwakuma, M., Funaki, K., Yamafuji, K., Matsumoto, K., Miura, O., Tanaka, Y. Flux pinning property of artificially introduced Nb in Nb-Ti superconductors 55092
Matsushita, T. *see* Mardirossian, G. 7967
Matsushita, T. *see* Nakamura, S. 3870
Matsushita, T. *see* Nakamura, S. 23882
Matsushita, T. *see* Nakamura, S. 33519
Matsushita, T. *see* Nakamura, S. 33562
Matsushita, T. *see* Nakamura, S. 44452
Matsushita, T. *see* Suzuki, A. 2038
Matsushita, T. *see* Suzuki, A. 12294
Matsushita, Y. *see* Choong Seon Hong 57902
Matsushita, Y. *see* Choong Seon Hong 57990
Matsushita, Y. *see* Inoue, T. 26264
Matsushita, Y. *see* Inoue, T. 57847
Matsushita, Y. *see* Shigeno, H. 57638
Matsusita, Y. *see* Minamitani, Y. 33365
Matsuta, H. *see* Tsuji, K. 53890
Matsutani, A. *see* Hatori, N. 33471
Matsutani, A. *see* Mukaihara, T. 14169
Matsutani, T. *see* Hisamatsu, T. 37994
Matsutani, T. *see* Yoshioka, H. 39168
Matsutani, Y., Hashizume, S., Onogi, K., Nishimura, Y. A method of finding a set of solutions of condition/event net construction problem using no auxiliary events 10300
Matsutani, Y. *see* Hashizume, S. 21069
Matsuto, M. *see* During, C. 36645
Matsuuchi, H. *see* Yokoi, S. 16274
Matsuura, A., Yukishita, M., Nagoya, A. An efficient hierarchical clustering method for the multiple constant multiplication problem 40993
Matsuura, H. *see* Aoki, I. 40950
Matsuura, H. *see* Chiba, A. 58244
Matsuura, H. *see* Yamamoto, O. 28921
Matsuura, K., Matsuura, Y., Harrington, J.A. Evaluation of gold, silver, and dielectric-coated hollow glass waveguides 23534
Matsuura, K. *see* Kawada, M. 60642
Matsuura, M. *see* Iguchi, Y. 40813
Matsuura, M. *see* Jimbo, M. 43666
Matsuura, S., Takamatsu, T. Electret state in blendmers of polypropylene, PP grafted with maleic anhydride and polycarbonate 54877
Matsuura, S., Tani, M., Sakai, K. Generation of coherent terahertz radiation by photomixing in dipole photoconductive antennas 33270
Matsuura, S. *see* Iida, S. 41846
Matsuura, S. *see* Tani, M. 56182
Matsuura, T., Imaizumi, E., Anbo, T. A 1.2-V feedforward amplifier and A/D converter for mixed analog/digital LSIs 21818
Matsuura, T., Tago, O., Tsujino, H., Taniguchi, K. Arc-discharging phenomena generated by the multiple-phase-alternating currents 13222
Matsuura, T., Tago, O., Tsujino, H., Taniguchi, K. Discharge characteristics of the arc-plasma generated by the six-phase-currents 13223
Matsuura, T. *see* Ametani, A. 50506
Matsuura, T. *see* Makie-Fukuda, K. 31411
Matsuura, T. *see* Ono, K. 21765
Matsuura, T. *see* Sugiyama, T. 54453
Matsuura, T. *see* Taguchi, M. 43360
Matsuura, Y. *see* Kubozono, R. 16411
Matsuura, Y. *see* Matsuura, K. 23534
Matsuura, Y. *see* Oyabu, T. 36965
Matsuura, Y. *see* Takagi, K. 47265
Matsuya, K. *see* Katoh, H. 27157
Matsuya, Y. Low-voltage analog circuit techniques for baseband interfaces 22961
Matsuya, Y. *see* Mutoh, S. 1450
Matsuyama, K., Kawai, H., Shikata, M., Taniguchi, T. 0.35 μm process 16 Mbit DRAM series 41184
Matsuyama, M. *see* Kawashima, H. 13334
Matsuyama, S., Soda, D., Baba, M., Iwasaki, S., Ibaraki, M., Ohkubo, T., Nauchi, Y., Hirakawa, N. Air gap effect on the properties of a long liquid scintillation detector 37452
Matsuyama, T. *see* Shibata, Y. 20221
Matsuyama, T. *see* Shibata, Y. 44325
Matsuyama, Y., Honda, T., Yamamura, H., Sasazawa, H., Nomoto, M., Ninomiya, T., Schick, A., Listl, L., Kollensperger, P., Spriegel, D., Mengel, P., Schneider, R. Automated solder joint inspection system using optical 3-D image detection 25469
Matsuzaka, F. *see* Kemmochi, Y. 14237
Matsuzaka, F. *see* Nakajima, H. 38111
Matsuzaka, T. The present position and future status of electron beam lithography for VLSI fabrication 42811
Matsuzaki, A. *see* Nishio, S. 902
Matsuzaki, A. *see* Nishio, S. 40635
Matsuzaki, A. *see* Nishio, T. 58591
Matsuzaki, A. *see* Ohno, M. 16259
Matsuzaki, H. *see* Kashiwagi, M. 22648
Matsuzaki, K. *see* Ohguro, T. 41460
Matsuzaki, K. *see* Shiga, N. 53625
Matsuzaki, N. *see* Mizuno, H. 1334
Matsuzaki, N. *see* Sasaki, S. 53900
Matsuzawa, A. *see* Akamatsu, H. 1261
Matsuzawa, A. *see* Kawahito, S. 35342
Matsuzawa, A. *see* Yamauchi, H. 1412
Matsuzawa, A. *see* Yamauchi, H. 11442
Matsuzawa, H., Matsushita, A., Ueda, Y., Matsubara, H., Chino, Y., Suganomata, S. Self-magnetic fields of electron beams confined to bores of high-T_c sintered superconducting pipes 7725
Matsuzawa, H., Okada, S., Matsuda, H., Nakanishi, H. Synthesis and optical properties of polydiacetylenes from dodecahexayne derivatives 24082
Matsuzawa, H. *see* Nishiguchi, I. 44927
Matsuzawa, I., Matsushita, A., Roth, P., Matsubara, H., Ueda, Y., Suganomata, S. Focal lengths of high-T_c sintered superconducting lenses (supertrons) for intense electron beams 37079
Matsuzawa, K. *see* Hirose, M. 11683
Matsuzawa, K. *see* Yoshimi, M. 32410
Matsuzawa, K. *see* Yoshimi, M. 42986
Matsuzawa, S., Ito, K. Circularly polarised printed antenna fed by coplanar waveguide 4347
Matsuzawa, S., Ito, K. FDTD analysis of circularly polarized printed array considering periodic cell boundary 34390
Matsuzawa, S.-I. *see* Saito, M. 56193
Matsuzawa, T. *see* Kimura, R. 14110

Matsuzawa, T. *see* Sekiguchi, A. 42895
Matsuzono, T., Maeda, J., Kogoshi, S., Abe, H. Transmission characteristic improvement of two-channel wavelength division multiplexed solitons by controlling initial time offset 58407
Matt, D. *see* Llibre, J.-F. 51808
Matta, L., Shankar, A.U. Dynamic routing of real-time virtual circuits 57683
Matta, L. *see* Alaettinoglu, C. 46827
Matta, P. *see* Fuezer, J. 3081
Matta, P. *see* Kollar, P. 3085
Mattachini, F. *see* Lami, E. 33839
Mattar, K. *see* Livingstone, C.E. 8533
Mattar, K. *see* Vachon, P.W. 18895
Mattavelli, M., Vesin, J.M., Amaldi, E., Gruter, R. A new approach to piecewise linear modeling of time series 46004
Mattavelli, P., Rossetto, L., Spiazzi, G. Small-signal analysis of DC-DC converters with sliding mode control 29397
Mattavelli, P., Rossetto, L., Spiazzi, G., Tenti, P. General-purpose fuzzy controller for DC-DC converters 29396
Mattavelli, P., Tenti, P. An integrated design approach of hybrid compensation systems 38203
Mattavelli, P., Tenti, P. Load- and line identification in multi-phase systems: a compensation-oriented approach 38227
Mattavelli, P. *see* Spiazzi, C. 50412
Mattavelli, P. *see* Spiazzi, G. 38830
Mattavelli, P. *see* Spiazzi, G. 51240
Mattavelli, P. *see* Spiazzi, G. 60920
Mattay, V.S. *see* Yihong Yang 7992
Mattei, C. *see* Darveaux, R. 20884
Mattei, F. *see* Montagna, R. 46979
Mattei, G. *see* de Marchi, G. 13650
Mattei, G. *see* Gonella, F. 3954
Mattei, J. *see* Samiev, L. 29015
Mattei, J.-M. *see* Samier, L. 50698
Mattei, M. *see* Amato, F. 9729
Mattei, S. *see* Especel, D. 17379
Matteis, R.De *see* De Matteis, R.
Mattelin, A. *see* Owen, M. 11908
Mattern, N. *see* Mueller, M. 3083
Mattern, N. *see* Mueller, M. 23310
Mattern, N. *see* Stavrev, M. 42639
Mattes, H. *see* Wehinger, H. 135
Matteucci, G. *see* Lunedei, E. 7543
Mattfeldt, J. *see* Mathar, R. 26638
Matthaeus, A. *see* Tsirlina, T. 30767
Matthai, C.C. *see* Mao-long Ke 54245
Matthaus, A., Ennaoui, A., Fiechter, S., Tiefenbacher, S., Kiesewetter, T., Diesner, K., Sieber, I., Jaegermann, W., Tsirlina, T., Tenne, R. Highly textured films of layered metal disulfide 2H-WS_2: preparation and optoelectronic properties 54128
Mattheis, R. *see* Berkov, D.V. 43664
Matthes, F. *see* Dirksen, D. 24285
Matthes, P. Pole placement strategy for sliding mode controller in z-range 60749
Mattheus, A. *see* Ludwig, R. 26782
Matthews, A., Bauer, D.A. Hemispherical resonator gyro noise reduction for precision spacecraft pointing 49931
Matthews, A. *see* Polushkin, V. 48443
Matthews, A.L. Ceramic filters for the cast metal industry 39454
Matthews, D.G., MacKinnon, N., Conroy, R.S., Sinclair, B.D. Diode pumping of a blue (473 nm) Nd:YAG/$KNbO_3$ microchip laser 3798
Matthews, D.G. *see* Conroy, R.S. 3799
Matthews, E.W., Yuen, C.H. 20 GHz active transmit phased array 34465
Matthews, I. *see* Bennett, M.V. 36568
Matthews, J. *see* Antos, J. 37373
Matthews, J. *see* Unno, Y. 37395
Matthews, J.A.J., Berdusis, P., Frautschi, M., Schuler, J., Sadrozinski, H., O'Shaughnessy, K., Spiegel, L., Palounek, A., Ziock, H., Bacchetta, N., Bisello, D., Giraldo, A. Bulk radiation damage in silicon detectors and implications for LHC experiments 37266
Matthews, J.W., Rosenberger, F.U., Bosch, W.R., Harms, W.B., Purdy, J.A. Real-time 3D dose calculation and display: a tool for plan optimization 37859
Matthews, K.E., Namazi, N.M. Simultaneous parameter estimation and object segmentation from image sequences 25577
Matthews, L.J. *see* Ghosh, S. 9016
Matthews, M.T. *see* McKim, C.S. 29059
Matthews, P.J., Frankel, M.Y., Esman, R.D. Two-dimensional, fiber-optic control of a wideband array transmitter 24585
Matthews, P.J., Frankel, M.Y., Esman, R.D. Fiber-optic control of a two-dimensional, true time-steered array transmitter 34441
Matthews, P.J. *see* Frankel, M.Y. 24591
Matthews, P.J. *see* Roman, J.F. 56190
Matthews, R. *see* Kumar, S. 43781
Matthews, R.W. *see* Coulter, R.S. 45559
Matthews, S. *see* Rockwell, D.A. 24058
Matthews, S.C., Betin, A.A., Mangir, M.S. Aberration correction of ms pulses at 1.06 μm using a loop conjugator with thermal gratings 33687
Matthewson, M.J., Kurkjian, C.R., Hamblin, J.R. Acid stripping of fused silica optical fibers without strength degradation 43949
Matthewson, M.J. *see* Lin, B. 23505
Matthias, E. *see* Hohlfeld, J. 14255
Matthies, L. *see* Weber, J. 25774
Matthiesen, D. *see* Arnold, W.A. 41945
Matthieussent, G. *see* Amiranoff, F. 17898
Matthijs, K. *see* Malfait, A. 61175
Matthys, L., De Mey, G. An analysis of an engineering model for the thermal mismatch stresses at the interface of a uniformly heated two layer structure 10120
Matthys, L. *see* De Mey, G. 40276
Mattice, M. *see* Melkote, H. 51060
Mattick, D., Hodge, C. The electric warship 18997
Mattikalli, N.M., Engman, E.T. Land surface remote sensing and geographical information systems for water quality modeling 18922
Mattila, P., Siirtola, J., Suoranta, R. Two-dimensional object detection in air using ultrasonic transducer array and non-linear digital L-filter 28691
Mattingley, A.D. *see* Shearwood, C. 32806
Mattiocco, F. *see* Biondel, J. 48207
Mattioli, J. *see* Horak, R.J. 46032
Mattioli, J. *see* Huet, F. 57491
Mattioli, J.A. *see* Agrawal, A.K. 34452
Mattis, W.E. A hybrid echo canceller for satellite communications using a new recursive algorithm and implemented with an MC68332 microcontroller 47886
Mattis, W.E. A new synchronization technique for high speed modems 58046
Mattison, E.M., Coyle, L.M., Vessot, F.C., Smith, R.C. A 10 ps event timer for precise time transfer in space 48957
Mattison, E.M. *see* Walsworth, R.L. 44324
Mattison, T.S. e^+e^- at SLAC: present and future 37213
Mattisson, S. *see* Sjoland, H. 31127
Mattisson, S. *see* Sjoland, H. 53040
Mattocks, P.G. *see* Peck, J. 42047
Mattogno, G. *see* Battistoni, C. 7472
Mattogno, G. *see* Battistoni, C. 58899
Mattogno, G. *see* Bruni, M.R. 2041
Mattogno, G. *see* Kaciulis, S. 12292
Mattos, M.A.da Frota *see* da Frota Mattos, M.A.
Mattoso, L.H.C. *see* Nogueira, J.S. 32612
Mattoussi, H. *see* Rodriguez-Viejo, J. 54089
Mattson, H.F., Jr. *see* Cohen, G.D. 56293
Matuda, S. *see* Kondou, Y. 39365
Matuda, T. *see* Miyama, Y. 3471
Matukas, J., Palenskis, V. Low-frequency noise of the metal-gallium arsenide contact at various treatment of semiconductor surface 2259
Matukas, J. *see* Palenskis, V. 2257
Matukas, J. *see* Palenskis, V. 2258
Matulik, M. *see* Angstadt, R. 59309
Matulionis, I. *see* Compaan, A.D. 39058
Matulis, A. *see* Peeters, F.M. 54567
Matuo, K. *see* Watanabe, H. 9436
Matuonto, M., Monti, A. High performance field oriented control for cycloconverter fed synchronous machine: from theory to application 61141
Maturi, S. *see* Maly, W. 32512
Matus, E. *see* Levicky, D. 35335
Matus, L.G. *see* Mehregany, M. 13199
Matus, P.P. *see* Komarov, F.F. 54335
Matuschek, N., Kartner, F.X., Keller, U. Exact coupled-mode theories for multilayer interference coatings with arbitrary strong index modulations 33222
Matuschek, N. *see* Keller, U. 55904
Matusda, J.-I. *see* Yin, J. 55060
Matusheski, R.L. Predicting success [power station maintenance] 50681
Matusiak, M., Jankowski, J., Cader, A. Multimedia method of human skin pigmentation measurement 28174
Matusiak, R. *see* Golston, J. 21725
Matusov, J. *see* Statnikov, R.B. 10351
Matusovsky, M. *see* Vaynberg, B. 4021
Matusovsky, M. *see* Vaynberg, B. 14333
Matuszak, P. *see* Ryba, M. 27162
Matuszczyk, M., Matuszczyk, T., Lagerwall, S.T., Yong Bai Kim, Wnek, M., Maltese, P. Comparative studies of the multiplexability of SSFLC devices with respect to alignment characteristics 48767
Matuszczyk, T. *see* Matuszczyk, M. 48767
Matuszewski, T. Measurements of ionization current in cyclohexane-silicon oil mixtures 23229
Matveets, L.V. *see* Gudoshnikov, S.A. 27464
Matveev, A. *see* Kalmykov, A. 18816
Matveev, A. *see* Kazharsky, O. 55600
Matveev, B.A. *see* Zotova, N.V. 44465
Matveev, K.A., Glazman, L.I. Coulomb blockade of activated conduction 2178
Matveev, V. *see* Borodulkin, L. 17303
Matveev, V.N. *see* Kononenko, O.V. 42747
Matveev, V.N. *see* Kononenko, O.V. 42756
Matveev, V.N. *see* Kononenko, O.V. 42776
Matveev, V.N. *see* Kononenko, O.V. 42787
Matveev, V.V., Isaenkov, V.E., Belov, S.V., Korneev, N.V. Study of anthraquinone and graphite electrode behaviour in mixed solvent sulphuric acid 9510
Matveeva, A.D. *see* Tolstikhina, A.L. 32478
Matveeva, E.S. *see* Parkhutik, V.P. 41823
Matveeva, L.A. *see* Avrutin, V.S. 30741
Matveyev, A.A., Silakov, V.P. Ecologically safe regimes of generation and maintenance of artificial ionized regions in the stratosphere by microwave radiation 16659
Matveyev, A.Ya., Tsymbal, V.N., Gavrilenko, A.S., Logvinenko, A.I., Bychkov, D.M. Peculiarities of the calibration methods for air- and spaceborne synthetic aperture radar systems 27041
Matveyev, A.Z. *see* Andreyev, N.F. 14377
Matveyev, M.S. *see* McEnvoy, H.C. 27365
Matvienko, V.M. *see* Ivanov, Yu.F. 10925
Matviyenko, G. Optimized local trigonometric bases 24979
Matviyenko, G. *see* Coifman, R.R. 56252
Matwin, S. *see* Bhogal, A.S. 8552
Matwin, S. *see* Charlebois, D. 8401
Matwin, S. *see* Goodenough, D.G. 57069
Matyashchuk, I.V. *see* Volkov, S.V. 9513
Matyi, R.J. *see* Deshpande, M.R. 31986
Matysik, J. Subharmonic integration control of resonant DC/DC converter 51093
Matyugin, Yu.A. *see* Bagayev, S.N. 27375
Matyuk, V.F. Effects of the gap between sensor and flat specimen in pulse magnetic testing 40748
Matyuk, V.F. Features of the effect of the amplitude and number of pulses of the magnetic field on the value of the gradient of the normal component of the residual magnetization field in the local magnetization of thick samples 52884
Matyuk, V.F. Topography of the field of remanent magnetization above the surface of a ferromagnetic sheet locally magnetized with the field of an attached solenoid 55025
Matyuk, V.F. *see* Piunov, V.D. 43645
Matyukhin, N.M. *see* Zhukov, A.V. 29037
Matyushin, G.A. *see* Kravchenko, Ya.V. 23761
Matyushkina, M.A. *see* Abramov, A.S. 10908
Matz, G., Hlawatsch, F. Time-frequency formulation and design of optimal detectors 34934
Matz, H. *see* Drung, D. 27427
Matz, R. *see* Weber, H. 12729
Matz, S.C. *see* DeFigueiredo, R.J.P. 25418
Matzinger, M., Fidler, J., Fujita, A., Harris, I.R. Microstructure of solid-HDDR Nd-Fe-B:Zr magnets 3118
Matzler, C. *see* Schmid, B. 38117
Matzler, C. *see* Strozzi, T. 60074
Matzner, H., Shtrikman, S. Some improved formulas for the Westmijze head 32858
Mau, R. *see* Friedmann, J.B. 32078
Mau Yang *see* Yang Mau
Maublant, J. *see* Scellier, D. 37730
Mauch, E. *see* Rosche, J. 49583
Mauch, K. *see* Bond, E. 29444
Mauch, K. *see* Jing Wang 51122
Mauch, K. *see* Wang, J. 29443
Mauch, K. *see* Wang, J. 38834
Mauch, R.H. *see* Huttl, B. 55411
Mauch, R.H. *see* Lite, K. 13811
Mauch, R.H. *see* Plant, T.K. 55436
Mauch, R.H. *see* Troppenz, U. 55437
Mauchien, M. *see* Costes, J.R. 50740
Mauchline, I.S. *see* Swillo, M. 55270
Maucksch, T. Quality testing of mobile phones using multitone audio analysis of Digital Radiocommunication Tester CMD 6374
Maud, J.M. *see* Salih, A.J. 43086
Maude, C.W., Kirchner, A.T. Gas turbine developments 9110
Maude, D.K., Potemski, M., Henini, M., Portal, J.C., Eaves, L., Hill, G., Pate, M.A. Skyrmion excitations in a two-dimensional electron gas under hydrostatic pressure 22346
Maude, D.K., Potemski, M., Portal, J.C., Henini, M., Eaves, L., Hill, G., Pate, M.A. Spin excitations of a two-dimensional electron gas in the limit of vanishing Lande g factor 12384
Maude, D.K. *see* Nicholas, R.J. 2126
Maude, D.K. *see* Oswald, J. 12486
Maude, D.K. *see* Oswald, J. 54211
Maude, D.K. *see* Romanov, S.G. 12377
Maudgal, V. Thermal phenomena in compact electronic enclosures: a numerical study 253
Maudie, T. Testing requirements and reliability issues encountered with micromachined structures 27494
Maudie, T., Wertz, J. Pressure sensor performance and reliability 58702
Mauduit, B.de *see* de Mauduit, B.
Mauger, D. *see* Hentabli, K. 60796
Mauger, D.T. *see* Kasales, C.J. 59455
Maughan, R. *see* Rosenfeld, A.B. 28465
Maughan, R.L. *see* Kota, C. 8205
Mauk, M.G., Burch, P.A., Johnson, S.W., Goodwin, T.A., Barnett, A.M. "Buried" metal/dielectric/semiconductor reflectors for light trapping in epitaxial thin-film solar cells 38997
Mauk, M.G. *see* Shellenbarger, Z.A. 39226
Maulloo, A.K. *see* Lakshmikantham, V. 10367
Maunder, A. *see* Min, P.S. 16073
Maunder, B. *see* Salcic, Z. 11430
Maunder, B. *see* Salcic, Z. 53311
Maune, S. *see* Pardo, A. 21442
Maung, N. *see* Gnoth, D.N. 40346
Maung, N. *see* Ng, T.L. 30740
Maung, N. *see* Poole, I.B. 40475
Maung, N. *see* von der Emde, M. 796
Maunoury, C. *see* Cao, Z. 49489
Maurel, T. *see* Amimi, A. 54660
Maurel, T. *see* Lallement, C. 32403
Maurella, A. *see* Corvino, A. 8977
Maurer, C.R., Jr., Aboutanos, G.B., Dawant, B.M., Gadamsetty, S., Margolin, R.A., Maciunas, R.J., Fitzpatrick, J.M. Effect of geometrical distortion

correction in MR on image registration accuracy 7886
Maurer, C.R., Jr., Aboutanos, G.B., Dawant, B.M., Maciunas, R.J., Fitzpatrick, J.M. Registration of 3-D images using weighted geometrical features 18274
Maurer, E.A. Semi-Kaplan turbines for economic low head power generation 29136
Maurer, G. *see* Porenta, G. 37691
Maurer, I.A. *see* Denisyuk, Y.N. 24276
Maurer, M. *see* Becker, G. 49455
Maurer, P. *see* Waibel, H. 6464
Maurer, P.M. *see* Schilp, W.J. 11109
Maurer, P.M. *see* Yun Sik Lee 21630
Maurer, R.H., Heins, R.J., Cole, T.D. Qualification of the NEAR laser transmitter [subsystem of laser rangefinder] 49897
Maurer, R.L. Near real-time telemetry utilizing satellite communications 6676
Maurer, U. Modelling a public-key infrastructure 14828
Maurer, U., Wolf, S. Towards characterizing when information-theoretic secret key agreement is possible 4561
Maurer, U. *see* Bleichenbacher, D. 4558
Maurer, U.M., Yacobi, Y. A non-interactive public-key distribution system 4542
Maurer, W., Satoh, K., Samuels, D., Fischer, T. Pattern transfer at k_1=0.5: Get 0.25 μm lithography ready for manufacturing 2507
Mauri, A. *see* Di Cocco, G. 59368
Mauri, M. *see* Matricciani, E. 6695
Maurice, A.J. *see* Pentecost, H.T.A. 35119
Maurice, B. Semiconductor devices for control of motors in domestic appliances 39283
Maurice, E., Monnom, G., Baxter, G.W., Wade, S.A., Petreski, B.P., Collins, S.F. Blue light-emitting-diode-pumped point temperature sensor based on a fluorescence intensity ratio in Pr^{3+}:ZBLAN glass 58799
Maurice, E. *see* Baxter, G. 27591
Maurice, J.L. *see* Piraux, L. 43635
Maurin, M. *see* Tomasini, P. 10764
Maurin, P. *see* Guillaume, B. 41522
Maurin, P. *see* Laporte, E. 53664
Maurin, T. *see* Reynaud, R. 46006
Maurin, Y. *see* Roesch, S. 28247
Maurincomme, E. *see* Launay, L. 8046
Maurincomme, E. *see* Launay, L. 18379
Mauris, G., Benoit, E., Foulloy, L. The aggregation of complementary information via fuzzy sensors 7118
Mauro, E.C.Di *see* Di Mauro, E.C.
Mauro, G.Di *see* Di Mauro, G.
Maury, D., Rostoll, M.L., Gayet, P., Regolini, J.L. Chemical vapor deposition of $TiSi_2$ using an industrial integrated cluster tool 40611
Maury, S. *see* Chattopadhyay, S. 7691
Mause, K. *see* Eisenbach, A. 44319
Mauser, W. *see* Stolz, R. 18934
Mauskar, A. *see* Ferguson, F. 53089
Mauskopf, P.D., Bock, J.J., Del Castillo, H., Holzapfel, W.L., Lange, A.E. Composite infrared bolometers with Si_3N_4 micromesh absorbers 36577
Mauskopf, P.D. *see* Holzapfel, W.I. 58516
Mauss, O. *see* Post, G. 26628
Maussion, P. *see* Lochot, Ch. 51801
Mauthe, A. *see* De Rezende, J.F. 5859
Mautner, C. *see* Gschwind, M. 11148
Mautor, T. *see* Van-Dat Cung 52520
Mautz, J.R. Derivation of the Lorentz potentials 44899
Mautz, K.E. Defect characterization on a batch clean process used after plasma metal etching 42572
Mautz, K.E. Optimization of single wafer and batch metal etch manufacturing processes 54482
Mauuary, D., Faure, B. Vertical synthetic aperture for ocean exploration 50206
Mauuary, L. *see* Mokbel, C. 45676
Maver, J. Necessary views for a coarse representation of a scene 5323
Maverick, A.W. *see* Custer, J.S. 42258
Mavko, B., Stritar, A., Salamun, I. Computer managed tool for advanced NPP control room 38477
Mavko, B. *see* Cepin, N. 19453
Mavko, B. *see* Cizelj, L. 19504
Mavlyanbekov, Yu.U. *see* Kravchik, A.E. 60772
Mavoori, H. *see* Vaynman, S. 30958
Mavridou, T.D., Pardalos, P.H. Simulated annealing and genetic algorithms for the facility layout problem: a survey 30538
Mavritsky, O.B. *see* Nikiforov, A.Y. 44845
Mavrommatis, K.I. *see* Fragoulopoulos, E.K. 58027
Maw, T. *see* Rotondaro, A.L.P. 42479
Maw-Huei Lee *see* Jiun-Wei Horng 41305
Maw-Huei Lee *see* Jiun-Wei Horng 41318
Maw-Huei Lee *see* Jiun-Wei Horng 53416
Maw-Kae Hor *see* Jung-Shiong Chang 25279
Mawasha, P., Rooke, S.P., Gross, R. Examination of a "map-based" approach to modeling steady state heat pump performance with variable air flow rates 9735
Mawatari, H., Fukuda, M., Matsumoto, S., Kishi, K., Itaya, Y. Reliability and degradation behaviors of semi-insulating Fe-doped InP buried heterostructure lasers fabricated by RIE and MOVPE 44469
Mawatari, H. *see* Kikushima, K. 26835
Mawatari, H. *see* Yamamoto, N. 42574
Mawatari, Y. Critical state of periodically arranged superconducting-strip lines in perpendicular fields 13488
Mawatari, Y., Sawa, A., Obara, H., Umeda, M., Yamasaki, H. Field-sweep rate dependence of magnetization and current-voltage characteristics in superconducting disks 55086
Mawby, P. *see* Foulger, D.L. 33493
Mawby, P.A., Zeng, J., Towers, M.S., Crees, D. Modelling of a fully integrated light triggered thyristor with built-in self-protection 42977
Mawby, P.A. *see* Evans, M.J. 42973
Mawengkang, H. Solving large scale nonlinear integer programming problems 40108
Mawer, A., Cho, D., Darveaux, R. The effect of PBGA solder pad geometry on solder joint reliability 20894
Mawer, A. *see* Mulgaonker, S. 195
Mawer, A.J. *see* Banks, D.R. 20893
Mawst, L.J. High power, efficient Al-free InGaAs/InGaP/GaAs diode lasers 55706
Mawst, L.J., Bhattacharya, A., Lopez, J., Botez, D., Garbuzov, D.Z., DeMarco, L., Connolly, J.C., Jansen, M., Fang, F., Nabiev, R.F. 8 W CW front-facet power from 100 μm-aperture, Al-free, 0.98 μm diode lasers with large optical cavity 44565
Mawst, L.J., Bhattacharya, A., Nesnidal, M., Lopez, J., Botez, D., Syrbu, A.V., Yakovlev, V.P., Suruceanu, G.I., Mereutza, A.Z., Jansen, M., Nabiev, R.F. MOVPE-grown high CW power InGaAs/InGaAsP/InGaP diode lasers 44551
Mawst, L.J. *see* Botez, D. 3875
Mawst, L.J. *see* Mirabedini, A.R. 2585
Mawst, L.J. *see* Nesnidal, M.P. 23910
Mawst, L.J. *see* Nesnidal, M.P. 55730
Mawst, L.J. *see* Syrbu, A.V. 3846
Mawst, L.J. *see* Wade, J.K. 23941
Mawst, L.J. *see* Wade, J.K. 55707
Mawst, L.J. *see* Yang, H. 24011
Mawst, L.J. *see* Yang, H. 55729
Max, L.B. *see* Cogan, A.I. 21969
Max, S. Extending calibration intervals 48299
Max Shi Daqing *see* Daqing Max Shi
Max Wong Kon *see* Kon Max Wong
Maxam, D. *see* Allison, W.W.M. 37269
Maxemchuk, N.F. Video distribution on multicast networks 57787
Maxemchuk, N.F. *see* Low, S.H. 24778
Maxemchuk, N.F. *see* Low, S.H. 26014
Maxey, C.D. *see* Capper, P. 10629
Maxey, C.D. *see* Elliott, C.T. 698
Maxey, C.D. *see* Elliott, C.T. 7320
Maxey, N.G. *see* Raine, J.K. 61286
Maxey, W.J. The Miniature Transportable Communications Central (MTCC)–answering law enforcements' needs for worldwide access to command, control, communications, and intelligence (C3I) 58218
Maxfield, B. *see* Anderson, F. 28682
Maxfield, C. Time flies when you're analyzing it 27426
Maxfield, C. Logic that mutates while-u-wait 31236
Maxfield, C. A minus B=A+NOT(B)+1. II 41065
Maxfield, C.M. Field-programmable devices 31183
Maxim, A., Andreu, D., Boucher, J. Mixed mode analog-digital modelling of power semiconductor devices 1133
Maxim, P. *see* Heitz, R. 41971
Maximov, I., Jeppesen, S., Montelius, L., Samuelson, L. Chemical gas etching of InP-based structures 42534
Maximov, M.V. *see* Kop'ev, P.S. 23931
Maximov, M.V. *see* Ledentsov, N.N. 24005
Maximov, M.V. *see* Zaitsev, S.V. 44520
Maximovskii, E.A. *see* Fainer, N.I. 40546
Maximus, B., De Meyere, A., Capon, J., De Lay, E., Corlatan, D., Pauwels, H. Optimisation of the design of a discrete CdSe-FLC OASLM 33157
Maximus, B. *see* De Ley, E. 43583
Maxion, R.A. *see* Baluja, S. 52305
Maxley, C.D., Jones, C.L., Metcalfe, N.E., Catchpole, R., Houlton, M.R., White, A.M., Gordon, N.T., Elliott, C.T. Growth of fully doped $Hg_{1-x}Cd_xTe$ heterostructures using a novel iodine doping source to achieve improved device performance at elevated temperatures 700
Maxted, K.J. *see* Phin, L.C. 18325
Maxwell, B.A., Shafer, S.A. Physics-based segmentation of complex objects using multiple hypotheses of image formation 46421
Maxwell, B.E. *see* Horn, M.W. 32274
Maxwell, D.J. *see* Hughes, S.W. 49574
Maxwell, J. Cracked capacitors: Causes and solutions 21991
Maxwell, J.E. *see* Cook, G.E. 52296
Maxwell, K. Asymmetric digital subscriber line: interim technology for the next forty years 6359
Maxwell, P.C., Aitken, R.C., Kollitz, K.R., Brown, A.C. IDDQ and AC scan: the war against unmodelled defects 40987
Maxwell, R.J. *see* Gray, H.F. 59482
May, E.J.P. *see* Belmont, M.R. 43420
May, E.N. *see* Allison, W.W.M. 37269
May, G. *see* Baker, M. 42529
May, G. *see* Bicknell-Tassius, R.N. 21231
May, G. *see* Cai, L. 10815
May, G. *see* Lee, K.K. 21302
May, G.C. *see* Nadimi, S.A. 1699
May, G.J. Recent progress in the development of VRLA batteries for the global telecom market 51467
May, G.S. *see* Baker, M.D. 2418
May, G.S. *see* Ilgu Yun 44253
May, G.S. *see* Nami, Z. 52635
May, G.S. *see* Nami, Z. 52789
May, G.S. *see* Seung-Soo Han 845
May, G.S. *see* Seung-Soo Han 52788
May, I.Le *see* Le May, I.
May, J.A. *see* Jayasimha, D.N. 16126
May, L. *see* Ozanyan, K.B. 23884
May, L. *see* Ozanyan, K.B. 33557
May, L. *see* Thrush, E.J. 30799
May, M. *see* Hulsenberg, D. 52859
May, M.J. *see* Stutman, D. 36666
May, P. *see* Du, Y. 47130
May, P. *see* Vendier, O. 36171
May, P. *see* Wills, D.S. 3657
May, R. *see* Chudleigh, M. 25659
May, R.G. *see* Elster, J.L. 7386
May, R.G. *see* Greene, J.A. 17402
May, R.G. *see* Murphy, K.A. 17443
May, R.J. *see* Lum, G.K. 22995
May Lau Kei *see* Kei May Lau
May-Ying Chu, Visco, S.J., de Jonghe, L.C. High performance S-type cathode [for Li-polymer battery] 61012
Mayaki, S., Tidjani, A. Enhancement of track contrast in CN 85 by methylene blue 18129
Maye, P. *see* Branst, L. 13721
Mayenc, F. *see* Droguet, J.P. 60159
Mayer, B. Improved HTSC surface loss measurements evaluating a multipath transmission signal 13495
Mayer, D., Ulrych, B. The use of finite element analysis packages for electromagnetic analysis: simulation and design of induction heating 61334
Mayer, D.C. *see* Cole, R.C. 12594
Mayer, E. *see* Baltes, H. 43407
Mayer, E. *see* Kastle, S. 37604
Mayer, H.A. *see* Schwaiger, R. 57071
Mayer, H.P., Fernier, B., Simes, R. Low cost high performance lasers for FITL/FTTH 16821
Mayer, H.P., Klenk, M., Idler, W., Bouayad-Amine, J., Laube, G., Pagnod, P. 1.55-μm distributed feedback lasers for wide temperature range and high bit rates 23918
Mayer, I.F. *see* Bannister, P. 60590
Mayer, J.R.R., Ghazzar, A., Rossy, O. 3D characterisation, modelling and compensation of the pre-travel of a kinematic touch trigger probe 48886
Mayer, J.R.R., Mir, Y.A., Trochu, F., Vafaeesefat, A., Balazinski, M. Touch probe radius compensation for coordinate measurement using kriging interpolation 58998
Mayer, J.S., Griffith, D.A. Automated state-space simulation of small-scale and vehicular electric power systems 29780
Mayer, J.W. *see* Bair, A.E. 42692
Mayer, J.W. *see* Morton, R. 12442
Mayer, J.W. *see* Picraux, S.T. 12702
Mayer, J.W. *see* Pretorius, R. 42245
Mayer, J.W. *see* Tu, K.N. *(editor)* 39527
Mayer, L. *see* Frammelsberger, W. 19417
Mayer, L.A. *see* Clarke, J.E.H. 18805
Mayer, L.A. *see* Dijkstra, S.J. 50001
Mayer, M., Jansson, U., Schroder, G.H. Design and testing of a high voltage coil for the kicker magnets of CERN's Large Hadron Collider 18060
Mayer, M. *see* Kamp, H. 21262
Mayer, R. *see* Ehrler, S. 31612
Mayer, S.T. *see* Juzkow, M.W. 61016
Mayer, S.T. *see* Juzkow, M.W. 61017
Mayer, T. UK broadcast manufacturers: Marconi 58544
Mayer, T., Moreira, A. An algorithm for airborne motion error correction using the phase information in SAR raw data 16866
Mayer, T., Schroeder, D. Simulation and hierarchical controller design for a special hybrid drivetrain 51797
Mayer, T. *see* Klein, R. 37089
Mayer, T.M., Adams, D.P., Marder, B.M. Field emission characteristics of the scanning tunneling microscope for nanolithography 54542
Mayer, T.M. *see* Chason, E. 12774
Mayer, T.S. *see* Kochhar, R. 7361
Mayer, T.S. *see* Kochhar, R. 40428
Mayer, T.S. *see* Mitra, A. 7353
Mayer-Lead, F. Improvements on the MTL-STD-85485 low pass cable line 45216
Mayere, A., Monnoyer, M.-C., Peyrard, C., Peyrelong, M.-F., Riondet, O. Use of mobile communication tools and forms of communication at work 26632
Mayergoyz, I. *see* Wenchao Liang 22856
Mayergoyz, I.D. *see* Cannon, J.A. 13459
Mayergoyz, I.D. *see* Gomez, R.D. 3214
Mayergoyz, I.D. *see* Gwo-Chung Tai 1284
Mayergoyz, I.D. *see* Korman, C.E. 31799
Mayergoyz, I.D. *see* Singh, S.P. 22201
Mayerhofer, R. *see* Bergmann, H.W. 171
Mayerhofer, R. *see* Bergmann, H.W. 14494
Mayerhofer, W. *see* Jung, M. 51264
Mayerhofer, W. *see* Jung, M. 51272
Mayers, D. Unconditionally secure quantum bit commitment is impossible 56246

Mayes, D.J., Hamilton, A., Murray, A.F., Reekie, H.M. A pulsed VLSI radial basis function chip 1657
Mayes, J.R., Carey, W.J., Nunnally, W.C. Experimental multiple frequency injection-wave generator 51260
Mayes, M.K., Chin, S.W. All Verilog mixed-signal simulator with analog behavioral and noise models 1625
Mayes, M.K., Chin, S.W. A 200 mW, 1 Msample/s, 16-b pipelined A/D converter with on-chip 32-b microcontroller 11537
Mayes, M.K., Chin, S.W. All Verilog mixed-signal simulator with analog behavioral and noise models 53460
Mayes, P.E. *see* Bowen, J.M. 34242
Mayes, P.E. *see* Bowen, J.M. 45382
Mayet, F., Pinoli, J.-C., Jourlin, M. Physical justifications and applications of the LIP model for the processing of transmitted light images 15449
Mayet, L. *see* Fave, A. 38985
Mayfield, A., Hewett, W. Improve test capacity flexibility with multiple tester options 10021
Mayfield, A., Teggatz, R. BiCMOS low common mode and offset voltage amplifier 21501
Mayfield, L. *see* Waibel, A. 14945
Mayfield, L.J., Gavalda, M., Seo, Y.-H., Suhm, B., Ward, W., Waibel, A. Parsing real input in JANUS: a concept-based approach to spoken language translation 56373
Mayhew, J.E.W. *see* Shao, Y. 5475
Maynard, H.I., Layadi, A.N., Lee, J.T.-C. Multiwavelength ellipsometry for real-time process control of the plasma etching of patterned samples 42573
Maynard, H.L. *see* Labelle, C.B. 54438
Maynard, H.L. *see* Lee, J.T.C. 54392
Maynard, J.C. Radioactivity–products and applications 18255
Maynard, R.B. *see* Moscony, J.J. 54006
Mayo, C.W., Lian Yan Autoregressive moving average inverse dynamics for rhodium self-powered neutron detector 9047
Mayo, J. *see* Hawley, D. 17670
Mayo, N. *see* Gomez, P. 4620
Mayo, P.I. *see* Por, P.T. 13454
Mayo, R. *see* Zajac, D.J. 28265
Mayo, W. *see* Li, Y. 12779
Mayo, W.E. *see* Gray, A. 729
Mayo, W.E. *see* Hwang, C.-Y. 54091
Mayo, W.E. *see* Hwang, C.Y. 12266
Mayol Diaz, R. *see* Fernandez Merono, J.M. 47148
Mayolet, A., Krupa, J.C. Luminescence quantum yield of Tb^{3+}-activated yttrium compounds excited in the UV and VUV range 13820
Mayor, G., Silvester, J. Simulation of an ATM queueing system with a fractional Brownian noise arrival process 6183
Mayor, G., Silvester, J. The multi-level leaky bucket mechanism 46641
Mayor, S., Smith, W.L., Jr., Nguyen, L., Alberta, A., Minnis, P., Whitlock, C.H., Schuster, G.L. Asymmetry in the diurnal variation of surface albedo 18768
Mayordomo, E. *see* Covaci, S. 46923
Mayordomo, J.G., Beites, L.F., Gutierrez, J.L. Assessment of unbalance emission level produced by loads using the apparent power components 38228
Mayorga, R.V. *see* Wong, A.K.C. 58831
Mayoud, M. High precision geodetic metrology for the alignment of particle accelerators 36991
Mayoux, C. *see* Danikas, M. 13287
Mayoux, C. *see* Guastavino, J. 43553
Mayoux, C. *see* Laurent, C. 32629
Mayoux, C. *see* Massines, F. 2981
Mayr, B.J., Weinrichter, H. New multiple MPSK trellis codes for the mobile radio channel and their complexity 6512
Mayr, M. *see* Preis, K. 39628
Mayr, W., Bijak, M., Girsch, W., Lanmuller, H., Rafolt, D., Sauermann, S., Schnetz, G., Unger, E. Functional electrostimulation via implants: applications, limitations, perspectives 8152
Mayr, W. *see* Bechtel, H. 58942
Mayr, W. *see* Burge, M. 5046
Mayr, W. *see* Burger, W. 57240
Mayr, W. *see* Stein, H. 7870
Mayr, W. *see* Unger, E. 8175
Mayrargue, S. *see* Gesbert, D. 5704
Mayrargue, S. *see* Gesbert, D. 46554
Mayrhofer, R. *see* Richter, K. 14482
Mayri, C. *see* Clay, P. 49023
Maytal, B.-Z., Yang, S., Waldrop, J., Pfotenhauer, J.M. On the thermal stability length dependence of high T_c superconductors 32897
Maytrott, C.W. *see* Atmaram, G.H. 39170
Mayumi, S. *see* Sekiguchi, M. 42654
Mayusumi, M. *see* Habuka, H. 12155
Mayweather, D.T., Kazovsky, L.G., Downs, M.M., Frigo, N.J. WDM laser tracking of an uncontrolled, remote router suitable for local loop applications 36166
Mayya, N., Rajan, V.T. Voronoi diagrams of polygons: a framework for shape representation 15847
Mayyas, K., Aboulnasr, T. Leaky LMS algorithm: MSE analysis for Gaussian data 45939
Mayyas, K. *see* Aboulnasr, T. 45743
Mayzner-Zawadzka, E. *see* Liebert, A. 18240
Mazaher, S. *see* Raeder, G. 6075
Mazaleyrat, F., Faugieres, J.C., Rialland, J.F. Thermomagnetic study of Finemet type nanocrystalline alloy by in situ hysteresis measurements 3155
Mazar, R., Bronshtein, A. Propagation model of a city street for personal and microcellular communications 24480
Mazarakis, M.G., Poukey, J.W., Rovang, D., Cordova, S., Pankuch, P., Wavrik, R., Smith, D.L., Maenchen, E., Bennett, L., Shimp, K., Law, K. High voltage high brightness electron accelerator with MITL voltage adder coupled to foilless diode 17897
Mazarakis, M.G., Poukey, J.W., Rovang, D.C., Maenchen, J.E., Cordova, S.R., Menge, P.R., Pepping, R., Bennett, L., Mikkelson, K., Smith, D.L., Halbleib, J., Stygar, W.A., Welch, D.R. Pencil-like mm-size electron beams produced with linear inductive voltage adders 37078
Mazarakis, M.G., Poukey, J.W., Rovang, D.C., Maenchen, J.E., Cordova, S.R., Menge, P.R., Pepping, R., Bennett, L., Mikkelson, K., Smith, D.L., Halbleib, J., Stygar, W.A., Welch, D.R. Pencil-like mm-size electron beams produced with linear inductive voltage adders (LIVA) 37152
Mazaudier, M. *see* Lombard, C. 51173
Maze, G. *see* Auffray, E. 18084
Mazed, D. *see* Baaliouamer, M. 37366
Mazeika, L. *see* Chang, R.J. 32731
Mazer, E. *see* Talbi, E.-G. 470
Mazereeuw, J. *see* Kliman, G.B. 51734
Mazeron, P., Muller, S. Curvature, surface fields and scattering 45107
Mazhari, B. *see* Babu, V.R. 54740
Mazhbich, B.I., Gutman, A.I., Manevich, I.Z. Transbronchial regional electroplethysmography of lungs 59603
Maziar, C.M. *see* Chindalore, G. 54647
Maziar, C.M. *see* Hasnat, K. 12989
Maziar, C.M. *see* Jallepalli, S. 2647
Maziar, C.M. *see* Jallepalli, S. 22859
Maziar, C.M. *see* Jallepalli, S. 41820
Maziar, C.M. *see* Jallepalli, S. 42326
Maziar, C.M. *see* McKeon, J.B. 54646
Maziar, C.M. *see* Wei-Kai Shih 2689
Maziero, C. *see* Fraga, J. 57852
Maziewski, A. *see* Jablonski, R. 23346
Maziewski, A. *see* Kisielewski, M. 3174
Maziewski, A. *see* Kleparski, V.G. 3172
Mazilu, D. *see* Mihalache, D. 55817
Mazilu, D. *see* Mihalache, D. 55887
Mazin, M.A. *see* Kryshtab, T.G. 42095
Mazo, J.J., Ciria, J.C. Equilibrium properties of a Josephson-junction ladder with screening effects 23412
Mazo, M. *see* Villadangos, J.M. 21681
Mazor, S. *see* Faggin, F. 11488
Mazuelas, A., Hey, R., Jenichen, B., Grahn, H.T. Alternating Be and C doping for strain compensated GaAs/AlAs distributed Bragg reflectors 55709
Mazumdar, J. *see* Ajmani, A. 37616
Mazumdar, M. *see* Dhar, S. 41906
Mazumdar, R. *see* Wadhera, S. 28766
Mazumdar, R.R. *see* Theberge, F. 46567
Mazumder, J. Intelligent laser materials processing: atom to application 20843
Mazumder, J. Advanced laser processing of metals 21367
Mazumder, J. *see* Sengupta, D.K. 48666
Mazumder, J. *see* Sengupta, D.K. 54326
Mazumder, M.K., Kobayashi, K., Ogata, T., Mitsuhashi, J., Mashiko, Y., Kawazu, S., Sekine, M., Koyama, H., Yasuoka, A. Nitride thickness dependence of trap generation and negative stress-induced current in oxidized nitride films (<5 nm) 54278
Mazumder, M.K. *see* Banerjee, S. 24337
Mazumder, P. Parallel VLSI-routing models for polymorphic processors array 54754
Mazumder, P. *see* Chakraborty, K. 11129
Mazur, C. *see* de Carlan, L. 37504
Mazur, E. *see* Glezer, E.N. 32993
Mazur, J.W. *see* Alinski, J. 39353
Mazur, V.A. *see* Andronik, K.I. 40489
Mazurek, B., Rutkowski, J., Staron, J. Influence of material of insulator on development of surface discharge 19377
Mazurek, B., Ziaja, J., Noras, M. Investigations of the field emission current from bismuth ceramic cathodes 22162
Mazurek, B. *see* Lubicki, P. 13210
Mazurek, P. *see* Daniluk, A. 30798
Mazurek, W., Bryszewska, A., Rutkowski, J., Staron, J. Dielectric heat pipe 19668
Mazurenko, Y. *see* Slutsky, B. 4480
Mazurenko, Y.T., Putilin, S.E., Spiro, A.G., Beliaev, A.G., Yashin, V.E., Chizhov, S.A. Ultrafast time-to-space conversion of phase by the method of spectral nonlinear optics 4086
Mazurenko, Y.T. *see* Sun, P.C. 24092
Mazurenko, Yu.T., Giust, R., Goedgebuer, J.P. Spectral coding for secure optical communications using refractive index dispersion 16788
Mazurenko, Yu.T., Putilin, S.E., Spiro, A.G., Belyaev, A.G., Lukomskii, G.V. Ultrafast space-time signal transformation by the method of nonlinear spectral interactions 4117
Mazurkiewicz, M. *see* Lapkiewicz, Z. 48399
Mazurov, S.N. *see* Chvykov, V.V. 8106
Mazuruk, K. *see* Su Chinghua 10652
Mazus, Z. Where is the potential? [Polish Telecom] 9970
Mazz, J.P. Analysis of observer variability in the assessment of FLIR performance 19009
Mazza, D. *see* Berkovski, A.G. 12123
Mazza, E., Abel, S., Dual, J. Experimental determination of mechanical properties of Ni and Ni-Fe microbars 32588
Mazza, E., Danuser, G., Dual, J. Light optical deformation measurements in microbars with nanometer resolution 54830
Mazza, E., Dual, J., Musil, C.R., Danuser, G., Vetterli, D. Measurement of the strain field in a micrometer-sized region at a notch tip 1015
Mazza, E. *see* Danuser, G. 7655
Mazzanti, G., Montanari, G.C. A comparison between XLPE and EPR as insulating materials for HV cables 28901
Mazzanti, G., Montanari, G.C., Peruzotti, F., Zaopo, A. Some remarks regarding the test cells used for electric strength measurements 13284
Mazzanti, G., Montanari, G.C., Simoni, L. Study of the synergistic effect of electrical and thermal stresses on insulation life 43545
Mazzanti, G. *see* Cacciari, M. 32693
Mazzanti, G. *see* Dissado, L. 13271
Mazzanti, G. *see* Penuzzottii, F. 32704
Mazzanti, G. *see* Peruzzotti, F. 50584
Mazzarella, G. *see* Di Massa, G. 34301
Mazzaro, M. *see* Lamedica, R. 8833
Mazzei, P., Palombo, A. Energy saving potential integrating multi-stage evaporative technology in HVAC systems for Italian climate 61342
Mazzer, M., Gruenbaum, E., Barnham, K.W.J., Barnes, J., Griffin, P.R., Holt, D.B., Hutchison, J.L., Norman, A.G., David, J.P.R., Roberts, J.S., Grey, R. Study of misfit dislocations by EBIC, CL and HRTEM in GaAs/InGaAs lattice-strained multi-quantum well p-i-n solar cells 31995
Mazzer, M., Longo, M., Leo, G., Lovergine, N., Mancini, A.M., Drigo, A.V., Romanato, F., Zanotti Fregonara, C., Salviati, G. Structural study of (100)CdTe epilayers grown by MOVPE on ZnTe buffered and unbuffered (100)GaAs 40479
Mazzer, M. *see* Girolami, E. 39690
Mazzer, M. *see* Griffin, P.R. 3601
Mazzer, M. *see* Holt, D.B. 39036
Mazzetti, C. *see* Chianese, A. 29375
Mazzetti, C. *see* Lupo, G. 32628
Mazzetti, C. *see* Pompili, M. 23123
Mazzetti, P. *see* Carbone, A. 13802
Mazzetti, P. *see* Carbone, A. 27551
Mazzia, F. *see* Iavernaro, F. 40137
Mazzinghi, P. *see* Panerai, L. 58764
Mazziotta, S. *see* Eberhardt, R. 35607
Mazzoldi, A. *see* Della Santa, A. 10976
Mazzoldi, P. *see* de Marchi, G. 13650
Mazzoldi, P. *see* Gonella, F. 3954
Mazzoleni, C. *see* Pavesi, L. 44208
Mazzone, M. *see* Cancellieri, G. 4456
Mazzoni, D.L. *see* Davis, C.C. 55222
Mazzoni, D.L. *see* Smolyaninov, I.I. 12744
Mazzoni, M. *see* Panerai, L. 58764
Mazzoni, M.A. *see* Arisaka, K. 37239
Mazzoni, M.A. *see* Arisaka, K. 37460
Mazzoni, O.S. *see* Jackson, W.D. 11188
Mazzotta, V., Foster, D. A 500 MHz complementary gallium arsenide clock multiplier 41278
Mazzucchelli, M. *see* Alessandri, A. 60730
Mazzuero, G. *see* Colombo, R. 37593
Mba, J. *see* Flicstein, J. 897
Mbah, D.M. *see* Maltinti, P. 35718
Mbamalu, G.A.N., El-Hawary, F., El-Hawary, M.E. Minimum emissions hydro-thermal power flow 50296
Mbamalu, G.A.N., El-Hawary, M.E. Hydro-thermal power system loss minimization: a probabilistic perturbation approach 28752
Mbamalu, G.A.N. *see* Mostafa, M.A. 50354
Mbamalu, G.A.N. *see* Mostafa, M.A. 60206
Mbarek, K. *see* Ta-Hsin Li 25812
Mea, G.Della *see* Della Mea, G.
Meaburn, A., Hughes, F.M. Feedforward control of solar thermal power plants 60589
Mead, C. *see* Hasler, P. 1573
Mead, C. *see* Shih-Chii Liu 11601
Mead, C.A. *see* Diorio, C. 1633
Mead, C.A. *see* Sarpeshkar, R. 8155
Mead, C.A. *see* Sarpeskar, R. 1574
Mead, J.B., Frasier, S., McIntosh, R.E. Instrumentation for environmental remote sensing 28593
Mead, J.B., Hopcraft, G., Pollard, B., McIntosh, R.E. A digital beamforming radar profiler for imaging turbulence in the atmospheric boundary layer 18824
Mead, J.B., Langlois, P.M., McIntosh, R.E. A buoy-mounted wind profiler for remote measurement of ocean winds 18822
Mead, J.B., Pazmany, A.L., Sekelsky, S.M., Bambha, R., McIntosh, R.E. Millimeter-wave radars for remotely sensing clouds and precipitation 8437
Meade, D.M. The road to sustainable fusion power 19474
Meader, D.K. *see* Olson, J.S. 47250
Meador, D.P., Geiselman, E.E., Osgood, R.K. Helmet display symbology development for the JAST/IHAVS flight demonstration 18631
Meador, J.L. *see* Shaikh-Husin, N. 1677

Meador, J.L. *see* Shaikh-Husin, N. 5882
Meadors, A.L. *see* Gowda, G.V. 59826
Meadows, A.F. Profiting from test: advantages of VXIbus-based test systems 52180
Meadows, B. *see* Abe, K. 37234
Meadows, B.K. *see* Inchiosa, M.E. 25049
Meadows, C.A. Analyzing the Needham-Schroeder public key protocol: a comparison of two approaches 14829
Meadows, G., Dano, E.B., Lyzenga, D.R., Van-Sumeren, H., Onstott, R., Lund, D.E. Laboratory investigations of the hydrodynamics and radar backscattering properties of breaking waves 18883
Meadows, G. *see* Dano, E.B. 18884
Meadows, G.A. *see* Daida, J.M. 18891
Meadows, J.E. The design and development of a 40 kV thick film voltage divider 53474
Meakin, M. Front-end filters clean up low-power radio links 6463
Means, D.P. *see* Sanders, T.J. 145
Means, J. *see* Engel, J. 6036
Mearig, J. Fine pitch rework process modelling 41694
Mears, A.N., Holley, L.K. The effect of uniform and non-uniform electric fields on defibrillation thresholds for monophasic and biphasic waveforms 59754
Mears, R.J., Crossland, W.A., Dames, M.P., Collington, J.R., Parker, M.C., Warr, S.T., Wilkinson, T.D., Davey, A.B. Telecommunications applications of ferroelectric liquid-crystal smart pixels 3658
Mears, R.J. *see* Parker, M.C. 23809
Mears, R.J. *see* Parker, M.C. 36164
Mears, R.J. *see* Parker, M.C. 47973
Mears, R.J. *see* Warr, S.T. 33759
Mears, R.J. *see* Wilkinson, T.D. 33152
Mears, R.J. *see* Yu, T.C.B. 23622
Measday, D.F. *see* Moftah, B.A. 59349
Measures, R. *see* Berger, S. 36623
Measures, R.M., Huang, S., LeBlanc, M., Lowery, M., Ohn, M., Maaskant, R. Distributed fiber optic strain sensing based on spectral integration of Bragg grating reflection 48572
Measures, R.M. *see* Coroy, T. 17382
Measures, R.M. *see* Ohn, M.M. 48575
Measures, R.M. *see* Wu, X. 17418
Meaudre, M. *see* Weber, J. 11382
Mebarki, A., Lipczynski, R.T. A novel variable speed constant frequency generation system with voltage regulation 51028
Mecea, V. *see* Portnoff, G. 13352
Mecea, V.M. *see* Bucur, R.V. 43579
Mech, M. *see* Brandstetter, P. 61168
Mecha, H., Fernandez, M. Interconnection delay and clock cycle selection in high level synthesis 53096
Mecherle, G. *see* Begley, D.L. 6781
Mecherle, G.S. *see* Marshalek, R.G. 6789
Mechin, L., Villegier, J.-C., Bloyet, D. Fast and sensitive suspended YBaCuO microbolometers using silicon separated by implanted oxygen substrates 23426
Mechin, L., Villegier, J.-C., Langlois, P., Robbes, D., Bloyet, D. Sensitive IR bolometers using superconducting YBaCuO air bridges on micromachined silicon substrates 36552
Mechler, F. *see* Dioszeghy, P. 49580
Meciu, E. *see* Giurgiu, M. 15020
Meckbach, R. *see* Fehrenbacher, G. 37291
Mecke, H. *see* Merfert, I. 60903
Mecke, R., Rummel, T. Analysis of cable-associated interference voltages using the model of a pulse inverter drive 60397
Mecke, R. *see* Michaelis, B. 15540
Mecke, R. *see* Michaelis, B. 57545
Mecklenbrauker, C.F., Geravanchizadeh, M., Bohme, J.F. Broadband matched field processing using robust prewhitening and multiple window techniques 28657
Mecocci, A., Barni, M. Change detection in complex environments by mapping image landmarks 56830
Mecocci, A. *see* Barni, M. 57471
Mecocci, A. *see* Favalli, L. 56493
Mecocci, A. *see* Gamba, P. 8555
Mecocci, A. *see* Gamba, P. 57235
Mecozzi, A. Small-signal theory of wavelength converters based on cross-gain modulation in semiconductor optical amplifiers 3832
Mecozzi, A., Mork, J. Theory of heterodyne pump-probe experiments with femtosecond pulses 14238
Mecozzi, A. *see* Benussi, L. 37231
Mecozzi, A. *see* Martelli, F. 24166
Mecozzi, A. *see* Martelli, F. 44746
Mecozzi, A. *see* Mork, J. 44719
Mecrow, B.C. New winding configurations for doubly salient reluctance machines 29260
Mecrow, B.C., Jack, A.G., Haylock, J.A., Coles, J. Fault-tolerant permanent magnet machine drives 9598
Mecrow, B.C. *see* Acarnley, P.P. 29771
Mecrow, B.C. *see* Acarnley, P.P. 51822
Meczynska, H. *see* Paszkowicz, W. 41965
Meczynska, H. *see* Reniewicz, H. 12251
Meda, L. *see* Ghislotti, G. 54273
Medaule, D., Majumdar, G. Last improvements of intelligent power modules for motor drive 51732
Meddeb, J. *see* Kaabi, L. 32117
Meddens, B.J.H., van de Pol, M.J., van der Meer, A.F.G., van Amersfoort, P.W. Sub-nanosecond pulse modulation of a triode electron gun at 25 MHz 49305
Medeiros, J. CompactPCI™: tracing its development and relation to VME 57840
Medeiros Neto, J.A. *see* Liu, Y. 2158
Medeiros Neto, J.A. *see* Reynoso, V.C.S. 2159
Medeiros-Ribeiro, G., Pikus, F.G., Petroff, P.M., Efros, A.L. Single-electron charging and Coulomb interaction in InAs self-assembled quantum dot arrays 32038
Medeiros-Ribeiro, G. *see* Allen, S.J. 12488
Medeiros-Ribeiro, G. *see* Rubin, M.E. 22345
Medeiros-Ribeiro, G. *see* Schmidt, K.H. 42196
Medeiros-Ribeiro, G. *see* Wang, P.D. 12490
Medelci, N., Freundlich, A., Bensaoula, A., Vilela, M.F. High performance InP lattice-matched $In_{0.53}Ga_{0.47}As$ tunnel junctions fabricated on Si substrates 12338
Medhat, M., El-Zaiat, S.Y., Omar, M.F. Determination of the optical properties of a monomode optical fibre by fringes of equal chromatic order 3358
Medhat, M., El-Zaiat, S.Y., Omar, M.F., Barakat, N. Determination of the material dispersion and the index profile parameters of a GRIN optical waveguide applying white light interference fringes 43974
Medhi, D. Models for network design, servicing and monitoring of ATM networks based on virtual path concept 46809
Medhi, D., Lu, C.-T. Dimensioning and computational results for wide-area broadband networks with two-level dynamic routing 46815
Mediavilla, A. *see* Herrera, A. 58240
Medic, I. *see* Persic, B. 53007
Medici, D. *see* Campadelli, P. 46436
Medico, S.Del *see* Del Medico, S.
Medigue, C., Vermeiren, C., Bourgin, P., Escourrou, P. Application of LARYC: study of cardio-vascular rhythms perturbations according to a sleep pathology (periodic leg movements) 18196
Medina, A., Roco, J.M.M., Hernandez, A.C. Regenerative gas turbine at maximum power density conditions 19575
Medina, D. *see* Barbagallo, S. 31275
Medina, J.L.Meza *see* Meza Medina, J.L.
Medina, J.M. *see* Cubero, J.C. 40044
Medina, M. *see* Ferreira, J.N. 6253
Medina, O.M., Rubio, J.F. Blind multi-user combining at the base station for asynchronous CDMA systems 26551
Medina, R. *see* Jugo, D. 59653
Medina, V. *see* Garza-Jinich, M. 8042
Medinger, C. The hot topic of motor temperature 29215
Medioni, G. *see* Guy, G. 5497
Medioni, G. *see* Han, S. 5057
Medioni, G. *see* Havaldar, P. 5495
Medioni, G. *see* Parvin, B. 5496
Medioni, G. *see* Song Han 57255
Meditch, J.S. *see* Aryal, S. 46642
Meditch, J.S. *see* Gao, C. 5033
Medler, A. *see* Mullins, M. 36485
Medley, J.C., Ridler, N.M. Analysing multidimensional measurement comparison data containing occasional erratic points 17130
Medley, J.C. *see* Ridler, N.M. 48815
Medley, M.J., Saulnier, G.J., Das, P.K. Interference suppression using transform domain LMS adaptive filtering 47557
Medley, M.J. *see* Saulnier, G.J. 47558
Medley, S.S. *see* Edmonds, P.H. 36665
Medlin, D.L., Van Scyoc, J.M., Gilbert, T.S., Schlesinger, T.E., Boehme, D., Schieber, M., Natarajan, M., James, R.B. Formation of PdHg by reaction of palladium thin film contacts deposited onto mercuric iodide (α-HgI_2) radiation detector crystals 37336
Medlock, K. *see* Cowburn, T. 10110
Medovikov, V. *see* Antipov, Yu. 37233
Medrano, C., Zgonik, M., Liakatas, I., Gunter, P. Infrared photorefractive effect in doped $KNbO_3$ crystals 14313
Medrano-Marques, N. *see* Garcia-Villares, J.L. 38270
Medrano-Marques, N.J. *see* Martin-Del-Brio, B. 38269
Medromi, H., Zaafrani, E., Dekneuvel, E., Thomas, M.C. Multi-sensors localization for control of autonomous mobile robot 27897
Medved, S. *see* Bolozdynya, A. 49324
Medvedec, N. Human oriented plc 20784
Medvedev, A. *see* Zell, C. 9225
Medvedev, A.L. *see* Jianhua Zhou 37878
Medvedev, A.V. *see* Sato, M. 13399
Medvedev, A.Zh. *see* Kenzin, V.I. 17777
Medvedev, S.Yu. *see* Belyakov, A.A. 15262
Medvedev, Yu. *see* Al'shina, A. 27937
Medvedeva, M.G. *see* Lucas, K.D. 2522
Medvedkov, A. *see* Annis, P. 59237
Medvedkov, A.M. *see* Berkovski, A.G. 12123
Medvedkov, O.I. *see* Dianov, E.M. 43963
Medvedkov, O.I. *see* Dianov, E.M. 43969
Medvedkov, O.I. *see* Dianov, E.M. 55194
Medvedkov, O.I. *see* Starodubov, D.S. 55834
Medvedkov, O.I. *see* Vasil'ev, S.A. 43968
Mee, D.J. *see* Smith, A.L. 31022
Mee, R.W., Eberhardt, K.R. A comparison of uncertainty criteria for calibration 17168
Mee-Hye Lee *see* Hea-Sook Park 6397
Meech, J.F. *see* Thomas, P.J. 35813
Meegalla, S. *see* Mozley, P.D. 37908
Meegan, C. *see* Hye-Sook Park 58842
Meegan, C. *see* Katz, C.A. 58518
Meehan, J. *see* Phoel, W.C. 50176
Meejeong Lee *see* Vickers, B.J. 57559
Meek, B. Solving the imaging dilemma for Internet and intranet applications 57954
Meek, C. *see* Geiger, D. 456
Meek, C. *see* Manson, A. 50065
Meek, C.E. *see* Bremer, J. 56055
Meek, D.S., Walton, D.J. Planar osculating arc splines 552
Meek, D.S. *see* Walton, D.J. 543
Meeker, D. *see* Wu, D.Y. 47941
Meeker, D. *see* Yu, R. 36181
Meeker, W.Q., Jr. *see* Field, D. 30139
Meekhof, D.M. *see* Wineland, D.J. 48291
Meeks, D.N., Wahid, P.F. Input impedance of a wraparound microstrip antenna on a conical surface 34255
Meeks, E., Larson, R.S., Vosen, S.R., Shon, J.W. Modeling chemical downstream etch systems for NF_3/O_2 mixtures 42515
Meeks, I.R. *see* Kettlewell, P.J. 59387
Meempat, G. Throughput behaviour of reliable stream protocols in admission controlled bearer networks 35510
Meen Jung Hyun *see* Hyun Meen Jung
Meen Kuo Shun *see* Shun Meen Kuo
Meer, A.F.G.van der *see* van der Meer, A.F.G.
Meer, J.de *see* de Meer, J.
Meer, J.Van der *see* Van der Meer, J.
Meer, P. *see* Foran, D.J. 59481
Meer, P. *see* Garza-Jinich, M. 8042
Meerbergen, K., Roose, D. The restarted Arnoldi method applied to iterative linear system solvers for the computation of rightmost eigenvalues 30604
Meerdervort, H.F.Pompe Van *see* Pompe Van Meerdervort, H.F.
Meerholz, K., Bittner, R., Brauchle, C., Boldt, P., Kirchberger, T., Wichern, J. Use of high-$\beta\mu$ nonlinear-optical chromophores in photorefractive polymers 24231
Meerholz, K., Volodin, S.B., Kippelen, B., Peyghambarian, N. Improved stability of photorefractive polymer composites by use of eutectic mixture of EO chromophores 32973
Meerholz, K. *see* Boldt, P. 24182
Meerholz, K. *see* Volodin, B.L. 4103
Meerholz, K. *see* Volodin, B.L. 4449
Meerholz, K. *see* Volodin, B.L. 14453
Meerkotter, K., Franken, D. Digital realization of connection networks by voltage-wave two-port adaptors 21809
Meertens, D. *see* Abstreiter, G. 809
Mees, A. *see* Allie, S. 40848
Mees, J. *see* de Valk, J.P.J.M.M. 60039
Mees, W., Acheroy, M. Automated interpretation of aerial photographs using local and global rules 15708
Meeson, S., Blott, B.H., Killingback, A.L.T. EIT data noise evaluation in the clinical environment 18444
Meeson, S., Killingback, A.L.T., Blott, B.H., Mitchell, C., Evans, D.F., Milla, P.J. Optimal filtering of EIT data in spectral expansion analysis 18450
Meester, J.P. *see* Feldman, R.D. 16443
Meeuwsen, J.J., Kling, W.L., Ploem, W.A.G.A. The influence of protection system failures and preventive maintenance on protection systems in distribution systems 38330
Meffert, H. *see* Frey, U. 43822
Mega, M. *see* Yang, J. 28235
Megahed, A.A. *see* Gohar, I.A. 41996
Megahed, A.L. *see* Abou-El-Ela, M.S. 19746
Megahed, I.Y., Zaky, A.A., Abdallah, M.A. Influence of co-field and cross field flow of mineral oil with and without additives on conduction current and breakdown voltage in highly nonuniform fields 19810
Megahed, I.Y. *see* Zaky, A.A. 23239
Meger, R.A., Fernsler, R.F., Gregor, J.A., Manheimer, W., Mathew, J., Murphy, D.P., Myers, M.C., Pechacek, R.E. Production of a sheet plasma distribution for reflection of high frequency microwaves 4274
Meger, R.A. *see* Myers, M.C. 48122
Meggers, J., Bautz, G., Sang-Bum Park, A. Providing video conferencing for the mobile user 58147
Meggitt, B.T. *see* Shiping Chen 36609
Meghdadi, F. *see* Leising, G. 23663
Meghdadi, F. *see* Leising, G. 23691
Meghdadi, F. *see* Tasch, S. 44262
Meghelli, M. *see* Caffin, D. 22956
Megherbi, S., Crozat, P., Henaux, J.-C., Vernet, G. GaAs monolithic microwave integrated circuits (MMIC): concept and technology 9914
Megherbi, S. *see* Weber, J. 11382
Megiddo, N. *see* Qian Huang 5588
Mego, T. *see* Merkel, W. 54763
Megret, P. *see* Deparis, O. 27639
Megret, P. *see* Deparis, O. 43959
Megret, P. *see* Froidure, J.-C. 6738
Megret, P. *see* Ravet, F. 3373
Megret, P. *see* Vandroogenbroek, M. 6777
Megret, P. *see* Wang, X. 44747

Megson, G.M., Bland, I.M. Generic systolic array for genetic algorithms 53241
Meguro, H. *see* Kondo, S. 19302
Meguro, K. *see* Diao, Z.T. 43653
Meguro, M. *see* Taguchi, A. 41337
Meguro, S. *see* Kiyohara, Y. 27677
Meguro, T., Aoyagi, Y. Digital etching of GaAs 54450
Meguro, T., Isshiki, H., Lee, J.-S., Iwai, S., Aoyagi, Y. Effects of active hydrogen on atomic layer epitaxy of GaAs 52699
Meguro, T., Sakai, K., Yamamoto, Y., Aoyagi, Y. Tunable UV laser induced digital etching of GaAs: wavelength dependence of etch rate and surface processes 2395
Meguro, T. *see* Aoyagi, Y. 22604
Meguro, T. *see* Jeong-Sik Lee 787
Meguro, T. *see* Odagawa, H. 13380
Mehairjan, S. *see* Chowdhuri, P. 60407
Mehaoua, A., Boutaba, R., Pujolle, G. A picture quality control framework for MPEG video over ATM 7037
Mehbains, R. *see* Nordling, K. 6380
Mehdi, N. *see* O'Hara, M. 59678
Mehdian, M., Rahnejat, H. Blood flow measurement using a highly filled carbon polymer sandwich sensor and an elasto-pseudo compressible vascular flow 49379
Mehendale, M., Nelson, T.R., Omenetto, F.G., Schroeder, W.A. Thermal effects in laser pumped Kerr-lens modelocked Ti:sapphire lasers 44421
Mehendale, M., Sherlekar, S.D., Venkatesh, G. Area-delay tradeoff in distributed arithmetic based implementation of FIR filters 53441
Mehendale, N.Y. *see* Dharmadhikari, A.K. 3466
Meher, P.K. *see* Maharana, G.S. 45800
Meher, P.K. *see* Mohanty, B.K. 15202
Meherzi-Maghraoui, H., Dachraoui, M., Belgacem, S., Buhre, K.D., Kunst, R., Cowache, P., Lincot, D. Structural, optical and transport properties of Ag_2S films deposited chemically from aqueous solution 30867
Mehic, N., Al-Mubarak, M. Simulation of workflow at refinery 35773
Mehl, E.L.M., Barbi, I. An improved high-power factor and low-cost three-phase rectifier 60852
Mehl, H. Mobile radio technologies in road transport and traffic telematics 35972
Mehl, J.B. *see* Goodwin, A.R.H. 7224
Mehl, O. *see* Eichler, H.J. 14032
Mehl, O. *see* Eichler, H.J. 33439
Mehler, M.J. *see* Koshi, V. 35959
Mehlin, M. *see* Zank, J. 40494
Mehmet Kara Formulas for the computation of the far-field radiation patterns of rectangular microstrip antenna elements with thick substrates 56226
Mehmood Khan, M., Willson, B.D. Scope for industrial energy conservation in Pakistan 20260
Mehn, E. *see* Haccoun, D. 16575
Mehnert, A., Burgess, N., Eshraghian, K., Kuczborski, W., Sarmiento, R. A GaAs video rate morphological processor for image coding and compression 56921
Mehr, I., Welland, D.R. A CMOS continuous-time G_m-C filter for PRML read channel applications at 150 Mb/s and beyond 41311
Mehr, J.F. *see* Negri, A.J. 47925
Mehr, T. *see* Frank, K. 22142
Mehra, R., Guerra, L.M., Rabaey, J.M. Low-power architectural synthesis and the impact of exploiting locality 21455
Mehra, R., Guerra, L.M., Rabaey, J.M. A partitioning scheme for optimizing interconnect power 40978
Mehra, R., Rabaey, J. Exploiting regularity for low-power design 11350
Mehra, R. *see* Bonner, M. 59814
Mehra, R.M., Jasmina, I., Mathur, P.C. Tailoring refractive index of a-Si:H by TBP ($C_4H_{11}P$) doping 54350
Mehra, R.M. *see* Mathur, P.C. 54112
Mehra, R.M. *see* Sachdev, V.K. 54113
Mehra Ashish *see* Ashish Mehra
Mehregany, M., Lijun Tong, Matus, L.G., Larkin, D.J. Internal stress and elastic modulus measurements on micromachined 3C-SiC thin films 13199
Mehregany, M., Merat, F. MEMS applications in optical systems 44154
Mehregany, M. *see* Furukawa, S. 32580
Mehregany, M. *see* Garverick, S.L. 2873
Mehregany, M. *see* Roy, S. 23041
Mehregany, M. *see* Roy, S. 54831
Mehregany, M. *see* Yasseen, A.A. 42507
Mehrez, A. *see* Brimberg, J. 30439
Mehrl, D.J. *see* Choi, J.Y. 3350
Mehrl, D.J. *see* Storrs, M. 33136
Mehrmann, V. *see* Kunkel, P. 40208
Mehrotra, A., Trick, M.A. A column generation approach for graph coloring 21072
Mehrotra, M., Thapar, N., Baliga, B.J. 3.5 kV trench dual-gate MOS controlled thyristor 2613
Mehrotra, P., Quaicoe, J.E., Venkatesan, R. Induction motor speed estimation using artificial neural networks 20129
Mehrotra, P., Quaicoe, J.E., Venkatesan, R. Speed estimation of induction motor using artificial neural networks 50982
Mehrotra, P. *see* Hashemi, H. 1128
Mehrotra, P. *see* Walshak, D. 209
Mehrotra, R. *see* Das, S. 43834
Mehrotra, R. *see* Ghosal, S. 56701
Mehrotra, S. *see* Chaddha, N. 25378
Mehrotra Ravi *see* Ravi Mehrotra
Mehrpour, H. *see* Feng, J. 5774
Mehrpour, H. *see* Feng, J. 15657
Mehrpour, H. *see* Jian Feng 57446
Mehrtens, N.W. *see* Butler, P.H. 8105
Mehrvar, H.R., Le-Ngoc, T. On prediction of bursty traffic in broadband satcom systems 6682
Mehrvar, H.R., Le-Ngoc, T. Traffic control in broadband satcom systems 47883
Mehrvar, H.R., Le-Ngoc, T., Huang, J. Performance evaluation of bursty traffic using neural networks 16004
Mehta, A., Billus, G. Rapid debug of yield and performance bottlenecks within the UltraSPARC™-I microprocessor 41235
Mehta, B.R., Sahay, M.K., Malhotra, L.K., Avasthi, D.K., Soni, R.K. High energy heavy ion induced changes in the photoluminescence and chemical composition of porous silicon 31790
Mehta, B.R. *see* Barshilia, H.C. 10837
Mehta, D.P., Blust, G. Corner stitching for simple rectilinear shapes [VLSI layouts] 54759
Mehta, D.P. *see* Lopez, M.A. 32500
Mehta, H., Owens, R.M., Irwin, M.J. Instruction level power profiling 21756
Mehta, J.R., Rogers, T., Kikuchi, S. Selective etching for making cylindrical capacitors using anhydrous HF vapor phase chemistry 41137
Mehta, K. High-dose standardization service of the IAEA 28466
Mehta, K., Girzikowsky, R. Alanine-ESR dosimetry for radiotherapy-IAEA experience 28473
Mehta, M., Nunn, D., Braithwaite, S. Predictive action power control scheme for a mobile satellite system 47870
Mehta, M.A. *see* Fujinami, T. 38953
Mehta, P. *see* Daie Koozehkanani, Z. 8725
Mehta, P. *see* Koozehkanani, Z.D. 41308
Mehta, S., Powers, E.J., Park, I.-S. Wavelet-based higher-order time-scale analysis 34715
Mehta, S. *see* Gronowski, P.E. 1444
Mehta, S.D. *see* Bist, K.S. 5206
Mehta, S.K., Fay, J., Maciejewski, P. A modified Eckart post-beamformer filter for improved detection using broadband features 27101
Mehta, S.K., Seth, S.C., Einspahr, K.L. Synthesis for testability by two-clock control 53170
Mehta, V. *see* Dawar, A.L. 32970
Mehta, V. *see* Grippo, A. 18410
Mehtre, B.M. *see* Wu, J.K. 5015
Mehuys, D. *see* Murtz, M. 48311
Mehuys, D. *see* O'Brien, S. 44508
Mei, K.K. *see* Liu, Y.W. 33962
Mei, K.K. *see* Liu, Y.W. 34034
Mei, K.K. *see* Luo, Y.L. 34035
Mei, O.B. *see* Liao, H.H. 58352
Mei, P., Lujan, R., Boyce, J.B., Fork, D.K., Anderson, G.B. A fully self-aligned thin-film transistor for display and imaging applications 2693
Mei, P. *see* Chatterjee, A. 54800
Mei, S.L. *see* Zhou, S.D. 4461
Mei, X.B. *see* Bi, W.G. 22261
Mei, X.B. *see* Kwon, O.K. 13703
Mei, X.B. *see* Loi, K.K. 58351
Mei, Y. *see* Melton, C. 22035
Mei, Y.H., Liu, S., Suhir, E. A parametric study of a VLSI plastic package subjected to encapsulation, moisture absorption and solder reflow process 10097
Mei, Y.H. *see* Liu, S. 10096
Mei Chen *see* Chen Mei
Mei Chen An *see* An Mei Chen
Mei Kuan Hsich *see* Chung Cheng Chang 48497
Mei Liang-Mo *see* Liang-Mo Mei
Mei Liu *see* Liu Mei
Mei Mei, Everitt, D. Voice traffic in timed token protocol local area networks 6121
Mei Mei *see* Mei Mei
Mei Shong Kuo *see* Ming Ying Kuo 60347
Mei Suohai *see* Avramov, I.D. 13389
Mei Tong *see* Tong Mei
Mei Yousong *see* Yousong Mei
Mei Yu-Jane *see* Yu-Jane Mei
Mei Yuan *see* Yuan Mei
Mei Zequn *see* Zequn Mei
Mei-Juan Chen *see* Yee-Wen Chen 15897
Mei-Juan Chen *see* Yung-Pin Lee 35070
Mei-Ling Yeh *see* Wan-Rone Liou 12864
Mei-Ping Kung *see* Mozley, P.D. 37908
Mei-Qun Jiang *see* Jiang Mei-Qun
Mei-Ya Wang *see* Tien-Ko Wang 28023
Mei-Yuh Hwang, Xuedong Huang, Alleva, F.A. Predicting unseen triphones with senones 14869
Mei-Yuh Hwang *see* Alleva, F. 15141
Mei-Yuh Hwang *see* Huang, X.D. 15006
Meibody-Tabar, F. *see* Tounzi, A. 60718
Meicheng Liang *see* Liang Meicheng
Meichun Huang *see* Huang Meichun
Meidinger, T.V. *see* Cain, B.M. 8624
Meier, D. *see* Bauer, C. 37378
Meier, E.H. *see* Faller, N.P. 8349
Meier, G.D., Fresser, H.S., Prins, F.E., Kern, D.P. Characterization and application of a low-profile metal-semiconductor-metal detector for low energy backscattered electrons 22483
Meier, H., Zwahlen, P. Approaches to generator protection schemes using numerical technology 19677
Meier, H.-P. *see* Schefer, M. 21962
Meier, H.P. *see* Wittwer, S. 3766
Meier, J. *see* Betts, W. 59222
Meier, J. *see* Fischer, D. 39129
Meier, J. *see* Keppner, H. 39031
Meier, J.P. *see* Schwarzacher, W. 43656
Meier, K., Ho, I., Losert, E., Wiesendanger, R. New photodielectric for the sequential build-up (SBU) of high-density-interconnect (HDI) PWB 11951
Meier, K. *see* Brawn, I. 59325
Meier, K. *see* Loose, M. 35140
Meier, M. Microelectronics enters into lighting technology 9718
Meier, M. *see* Hahn, B. 40466
Meier, M.M., Belian, R.D., Cayton, T.E., Christensen, R.A., Garcia, B., Grace, K.M., Ingraham, J.C., Laros, J.G., Reeves, G.D. The Energy Spectrometer for Particles (ESP): instrument description and orbital performance 28610
Meier, R.D., Wright, C.T., Jr. The use of simulation based laboratory exercises to improve the undergraduate digital logic design experience 20666
Meier, R.E. *see* Green, M.A. 37081
Meier, R.E. *see* Jia, L.X. 49162
Meier, T. *see* Muller, J.-E. 41493
Meier, U., Hurst, W., Duchnowski, P. Adaptive bimodal sensor fusion for automatic speechreading 14993
Meier, U. *see* Follonier, S. 55845
Meier, U. *see* Jiang, X.Y. 25464
Meier, W. *see* Muller, F. 27215
Meifang Gao *see* Gao Meifang
Meifang Yu *see* Yu Meifang
Meifang Zhu *see* Zhu Meifang
Meigas, K., Nazarenko, S. Simple system for quality assessment of radioaerosoles in daily clinical practice 28287
Meigs, D.R. Spread-spectrum radio system for SCADA telemetry 7219
Meigs, M.J., Haynes, D.L., Jones, C.M., Juras, R.C. Development of the HRIBF 25-MV tandem accelerator as a RIB accelerator 49135
Meigs, M.J. *see* Olsen, D.K. 49153
Meihe Xu *see* Xu Meihe
Meij, S. *see* Nelwan, S. 49623
Meijer, G.C.M. *see* Toth, F.N. 27467
Meijer, G.C.M. *see* Xiujun Li 27465
Meijer, G.C.M. *see* Xiujun Li 27503
Meijer, H. *see* Doyle, E.M. 45633
Meijer, P. *see* Bruls, E. 13092
Meijer, R., Bruins, T. The future of application-oriented OSI protocols 25946
Meijer, S., Rutgers, W.R., Smit, J.J. Acquisition of partial discharges in SF_6 insulation 43457
Meijer, S. *see* Gulski, E. 43456
Meijerink, A., Bol, A.A., Kelly, J.J. The origin of blue and ultraviolet emission from porous GaP 12212
Meijie Zhang *see* Gao, Y. 29596
Meijl, F.van *see* van Meijl, F.
Meijs, N.P.van der *see* van der Meijs, N.P.
Meijun Chen *see* Chen Meijun
Meikle, S.R., Eberl, S., Hooper, P.K., Fulham, M.J. Simultaneous emission and transmission scanning in PET oncology: the effect on parameter estimation 37672
Meikle, S.R. *see* Hooper, P.K. 37631
Meilin Liu *see* Agarwal, V. 833
Meilin Liu *see* Agarwal, V. 61062
Meilin Liu *see* Liu Meilin
Meiling, H., van Sark, W.G.J.H.M., Bezemer, J., Schropp, R.E.I., van der Weg, W.F. Film uniformity and substrate-to-electrode attachment in large-area VHF glow-discharge deposition of a-Si:H [solar cells] 39153
Meiling, H. *see* Van Sark, W.G.J.H.M. 41828
Meiling Zhou *see* Zhou Meiling
Meilstrup, J.W. *see* Hopper, K.D. 7937
Meilstrup, J.W. *see* Kasales, C.J. 59455
Meiming Sheng *see* Xiaodong Fu 35516
Meinardi, F. *see* Auffray, E. 18084
Meindl, J. *see* Davis, J.A. 2440
Meindl, J.D. Gigascale integration: is the sky the limit? 2759
Meindl, J.D. *see* Bhavnagarwala, A.J. 13131
Meindl, J.D. *see* Bhavnagarwala, A.J. 13142
Meindl, J.D. *see* Davis, J.A. 2426
Meindl, J.D. *see* Davis, J.A. 42738
Meindl, J.D. *see* De, V.K. 2656
Meindl, J.D. *see* De, V.K. 2698
Meindl, J.D. *see* De, V.K. 11330
Meindl, J.D. *see* De, V.K. 11400
Meindl, J.D. *see* Eble, J.C. 13112
Meindl, J.D. *see* Xinghai Tang 12961
Meindl, J.D., Mukund, P.R., Gabara, T., Sridhar, R. *(editors)* Proceedings Ninth Annual IEEE International ASIC Conference and Exhibit (Cat. No.96TH8186) 9818
Meinel, C., Waack, S. Lower bounds for the majority communication complexity of various graph accessibility problems 16000
Meinel, H. *see* Colquhoun, A. 61298
Meinel, J. *see* Kukla, R. 40532
Meinerzhagen, B. *see* Bufler, F.M. 11696
Meinerzhagen, B. *see* Bufler, F.M. 54171
Meinhardt, M., Mutschler, P. Inverters without transformer in grid connected photovoltaic applications 60592
Meinhold, P. *see* Gaier, T. 41485
Meini, B. *see* Anastasi, G. 46721

Meinig, C. *see* Milburn, H.B. 50205
Meinikov, N.A. *see* Khavinson, V.M. 23724
Meinkohn, J. *see* Strick, L. 35625
Meinzer, H.P. *see* Baur, H.J. 49564
Meio, A.C.G., Mello, J.C.O., Granville, S. The effects of voltage collapse problems in the reliability evaluation of composite systems 50312
Meiqin Xiao *see* Xiao Meiqin
Meiqun Yang *see* Hoffmann, D.A. 59815
Meir, D.S. Multi-chip-module (MCM) and ceramic substrate for automotive applications 61308
Meir, R. *see* Zeevi, A.J. 21132
Meira, D.M. *see* Nogueira, J.M.S. 35602
Meirav, U. *see* Hanein, Y. 42058
Meirav, U. *see* Messica, A. 42211
Meirav, U. *see* Soibel, A. 12845
Meirav, U. *see* Soibel, A. 42214
Meirhaeghe, R.L.van *see* van Meirhaeghe, R.L.
Meirs, M. *see* Bloch, M. 28537
Meisel, J., Berman, S., Johnston, R. The road to success: the WSU entry in the 1955 HEV challenge [hybrid electric vehicle] 29845
Meisel, J. *see* Muller, S. 29140
Meisel, M.G., Langhoff, H. Homogeneous high-pressure gas discharge using semiconductor electrodes 33361
Meisen, P. *see* Zimmermann, H. 701
Meisner, C. *see* Kortmann, R.D. 8090
Meisner, G.P. *see* Baoxing Chen 31925
Meisner, G.P. *see* Fleurial, J.-P. 31911
Meissner, D. *see* Altosaar, M. 39092
Meissner, J. *see* Eick, W. 28034
Meissner, J. *see* Eick, W. 59238
Meister, A. *see* Raja, A. 59703
Meister, C.V. *see* Popov, K.V. 45151
Meister, H., von Wedel, H. Evaluation of hearing aids with category loudness scaling 18521
Meister, T. *see* Treitinger, L. 13114
Meister, T. *see* Treitinger, L. 22952
Meister, T.F. *see* Bok, J. 1726
Meister, T.F. *see* Muller, M. 54778
Meitzler, T., Karlsen, R., Gerhart, G., Sohn, E., Singh, H. Wavelet transforms of cluttered images and their application to computing the probability of detection 19018
Meitzler, T. *see* Gerhart, G. 19017
Meitzler, T.J., Arafeh, L., Singh, H., Gerhart, G.R. Fuzzy logic approach for computing the probability of target detection in cluttered scenes 25315
Meitzler, T.J., Karlsen, R.E., Gerhart, G.R., Sohn, E., Singh, H. Wavelet transforms of cluttered images and their application to computing the probability of detection 7426
Meitzler, T.J. *see* Gerhart, G.R. 8693
Meixner, A., Banik, J. Weak write test mode: an SRAM cell stability design for test technique 41141
Meixner, H. *see* Fleischer, M. 36755
Meixner, H. *see* Fleischer, M. 36756
Meixner, H. *see* Frank, J. 12685
Meixner, H. *see* Gerblinger, J. 17340
Meixner, H. *see* Jonda, S. 27714
Meixner, H. *see* Reti, F. 17592
Meiyi Wang *see* Wang Meiyi
Meiying Kong *see* Dong Pan 7334
Meiying Kong *see* Kong Meiying
Meiyuan Wang *see* Xuhong Hu 53156
Meizel, D. *see* Piat, E. 36893
Meja, P. *see* Steiger, B. 58618
Mejail, M. *see* Loccisano, S. 16902
Mejia, J. *see* Doshi, P. 39196
Mejia, M., Creason, A.S., Toncich, S.S., Ebihara, B.T., Miranda, F.A. A single-block TRL test fixture for the cryogenic characterization of planar microwave components 48393
Mejia, Y., Markov, V.B., Castaneda, R. Analysis of a quasi-periodical structure through its autocorrelation function 5507
Mejias, J.A. *see* Jimenez, V.M. 32079
Mejias, M. *see* Carcenac, F. 32289
Mejias, M. *see* Vieu, C. 42703
Mejias, P.M. *see* Martinez, C. 55773
Mejias, P.M. *see* Martinez-Herrero, R. 55777
Mejias, P.M. *see* Piquero, G. 55775
Mekhaldi, A., Teguar, M., Beroual, A. Algorithm for pollution flashover calculations 60418
Mekhallalati, M.C., Ashur, A.S. Novel structures for serial multiplication over the finite field GF(2^m) 31288
Mekhallalati, M.C., Ashur, A.S., Ibrahim, M.K. Radix modular multiplication algorithm 41100
Mekhiche, M., Waeckerle, T., Cornut, B. A metallurgical and magnetic study of {100} textured soft magnetic sheets 23326
Mekhiche, M. *see* Ossart, F. 27842
Mekic, S. *see* Pejovic, M.M. 2891
Mekkittikul, A., McKeown, N., Izzard, M. A small high-bandwidth ATM switch 16498
Mekonnen, G.G. *see* Umbach, A. 3650
Mekonnen, G.G. *see* Umbach, A. 6749
Mekonnen, G.G. *see* Umbach, A. 6867
Mekonnen, G.G. *see* van Waasen, S. 47939
Meky, M.M., Saadawi, T.N. A perceptually-based objective measure for speech coders using abductive network 15040
Mel, D.J., Jr. *see* Hornstein, R.S. 28487
Mel Yuhai *see* Yuhai Mel
Mela, J. *see* Di Fabrizio, E. 1845
Mela, M. *see* Huotari, M. 17561
Mela, M. *see* Huotari, M. 27692
Mela, M. *see* Huotari, M. 27695
Melamed, T., Heyman, E. Spectral analysis of time domain diffraction tomography 56002
Melanson, R. *see* Appel, A. 2814
Melas, M. *see* Kenney, J.G. 5672
Melcher, J. *see* Campanile, L.F. 10194
Melcher, J. *see* Delahaye, F. 27825
Melcher, P. *see* Coleman, P.L. 19895
Melcher, P. *see* Thompson, J. 19894
Melcher, R. *see* Kuck, H. 13164
Melchior, H. *see* Bauknecht, R. 6751
Melchior, H. *see* Besse, P.-A. 24098
Melchior, H. *see* Gini, E. 16741
Melchior, H. *see* Holtmann, Ch. 23814
Melchior, H. *see* Hong Zhiliang 53471
Melchior, H. *see* Leuthold, J. 16665
Melchior, H. *see* Masetti, F. 26444
Melchior, H. *see* Solt, K. 17363
Melchior, H. *see* Treitinger, L. 13114
Melchior, H. *see* Treitinger, L. 22952
Meldrum, A. *see* Kemp, J. 48642
Mele, A., Giardini Guidoni, A., Di Palma, T.M., Teghil, R., Orlando, S. Diagnostics of laser evaporated Al in NH_3 atmosphere [AlN deposition] 21363
Mele, A. *see* Ambrico, M. 10865
Mele, A. *see* Ambrico, M. 21359
Mele, A. *see* Guidoni, A.G. 52763
Mele, D.J. *see* Lisowski, J.J. 41713
Mele, I.Van *see* Van Mele, I.
Mele, S. *see* Paolucci, P. 37242
Meledin, V.G. *see* Belousov, P.Ya. 7582
Melega, W. *see* Kang-Ping Lin 18329
Melendes, R. *see* Motamedi, M.E. 58848
Melendez, J. *see* Meneses, J. 3555
Melendez, O. *see* Sundaram, K.B. 40619
Melendez-Lira, M. *see* de Melo, O. 2005
Melendez-Lira, M. *see* Hernandez, L. 2311
Melendez-Lira, M. *see* Luyo-Alvarado, J. 2140
Melendo, B., Palacios, M. A new approach to the construction of multirevolution methods and their implementation 40246
Melenk, J.M., Babuska, I. The partition of unity finite element method: basic theory and applications 10576
Melenk, J.M. *see* Babuska, I. 649
Melgaard, H. *see* Bagen, S. 1877
Melgaard, H. *see* Bagen, S. 53866
Melgoza, E. *see* Guardado, J.L. 38696
Melhem, R. *see* Chunming Qiao 35435
Melhem, R. *see* Salisbury, C. 44145
Melhem, R. *see* Yuan, X. 35507
Melhlhaff, J. *see* Harris, F.B. 13726
Melhus, O., Ratkje, S.K. A simultaneous solution of all transport processes in a solid oxide fuel cell 51533
Meli, F. *see* Fierro, B. 49581
Melick, J.H. Selection and installation of a vertical roller mill for clinker pregrinding 39471
Meliga, M. *see* Bertone, D. 52658
Meliga, M. *see* Paoletti, R. 3830
Melikechi, N. *see* Eyler, E.E. 23772
Melikhov, K.G. *see* Bekrenev, A.N. 55490
Meliksetian, D. *see* Zuair, M. 46406
Meliksetian, D.S. *see* Cardakli, S.H.K. 47344
Meliksetian, D.S. *see* Yu, F.F.-K. 46055
Melin, G. *see* Girard, A. 49288
Melin, J., Paris-Seeley, N., Parameswaran, M., McEwen, J.A. Development of a micromachined pressure transducer for biomedical device/tissue interfaces 18204
Melin, P. *see* Castillo, O. 30342
Melin, T. *see* Etienne, B. 810
Melin, T. *see* Lelarge, F. 12394
Melinger, J. *see* Musseau, O. 22994
Melinger, J.S. *see* McMorrow, D. 22888
Melinon, P., Prevel, B., Dupuis, V., Perez, A., Champagnon, B., Guyot, Y., Boudeulle, M., Pellarin, M., Dugourd, P., Broyer, M. New phases of amorphous carbon and silicon films obtained by low energy cluster beam deposition 40534
Meliopoulos, A.P.Sakis *see* Sakis Meliopoulos, A.P.
Meliopoulous, A.P.Sakis *see* Sakis Meliopoulous, A.P.
Melisek, T. *see* Kovac, P. 13490
Melissen, J.B.M. *see* Colak, S.B. 37659
Melissinos, A.C. *see* Bamber, C. 55579
Melissinos, A.C. *see* Kotseroglou, T. 33602
Melito, M. *see* Musumeci, S. 43109
Melkebeek, J.A. *see* Coussens, P.J. 51008
Melkemi, K. *see* Djebali, M. 56776
Melkemi, M. *see* Djebali, M. 56776
Melkman, A.A., Shimony, S.E. A note on approximate inclusion-exclusion 30500
Melkonyan, D.V. *see* Ptashchenko, A.A. 54150
Melkote, H., Khorrami, F., Jain, M., Mattice, M. Adaptive nonlinear control of variable reluctance stepper motors 51060
Melkov, S.N. *see* Grishin, E.A. 27588
Melliar-Smith, P.M. *see* Chen, X. 57908
Melliar-Smith, P.M. *see* Moser, L.E. 5732
Mellier, Y. *see* Cuillandre, J.-C. 48679
Mellikov, E. *see* Altosaar, M. 39092
Mellikov, E. *see* Valdna, V. 55408
Mellikov, E. *see* Valdna, V. 55409
Mello, A. *see* Cavalcante, F. 7486
Mello, G. *see* Larsen, P.T. 41185
Mello, J.C.O., Leite da Silva, A.M., Pereira, M.V.F. Efficient loss-of-load cost evaluation by combined pseudo-sequential and state transition simulation 60256
Mello, J.C.O., Melo, A.C.G., Granville, S. Simultaneous transfer capability assessment by combining interior point methods and Monte Carlo simulation 60298
Mello, J.C.O. *see* Meio, A.C.G. 50312
Mello, K.E., Murarka, S.P., Lee, S.L., Lu, T.-M. Structural characteristics of $CoGe_2$ alloy films grown heteroepitaxially on GaAs(100) substrates using the partially ionized beam deposition technique 42698
Mello, P.A. *see* Baranger, H.U. 22408
Mello-Robinett, R. *see* Mui, R. 17662
Melloch, M.R., Nolte, D.D., Woodall, J.M., Chang, J.C.P., Janes, D.B., Harmon, E.S. Molecular beam epitaxy of nonstoichiometric semiconductors and multiphase material systems 10695
Melloch, M.R. *see* Brubaker, R.M. 2175
Melloch, M.R. *see* Chappel, D.C. 22572
Melloch, M.R. *see* Chen-Chia Wang 42228
Melloch, M.R. *see* D'Souza, S.L. 48860
Melloch, M.R. *see* Lahiri, I. 12406
Melloch, M.R. *see* Lahiri, I. 14247
Melloch, M.R. *see* Lam, M.P. 2843
Melloch, M.R. *see* Man Pio Lam 54705
Melloch, M.R. *see* Nolte, D.D. 12426
Melloch, M.R. *see* Nolte, D.D. 14432
Melloch, M.R. *see* Pan, J.N. 54138
Melloch, M.R. *see* Qing Hu 13050
Melloch, M.R. *see* Ryu, S. 54803
Melloch, M.R. *see* Shenoy, J.N. 32424
Mellocha, M.R. *see* Tan, J. 54433
Mellor, B. *see* Baber, C. 24824
Mellor, J. *see* Glick, S. 35399
Mellor, J. *see* Yao, J.G. 35860
Mellor, P. *see* Yates, R. 27548
Mellor, P.H. *see* Baholo, B. 9239
Mellor, P.H. *see* Wu, Z.Y. 61212
Mellot, J.L. *see* Poignant, H. 43979
Mellot, J.Le *see* Le Mellot, J.
Mellott, J.D., Lewis, M., Taylor, F., Coffield, P. ASAP--a 2D DFT VLSI processor and architecture 21754
Mellott, J.D. *see* Taylor, F. 9924
Melman, A. A unifying convergence analysis of second-order methods for secular equations 40181
Melngailis, I. *see* Maki, P.A. 14176
Melngailis, I. *see* Molnar, R.J. 21281
Melngailis, J. *see* Didenko, L. 42869
Melngailis, J. *see* Guharay, S.K. 22713
Melngailis, J. *see* Guharay, S.K. 42867
Melngailis, J. *see* Picraux, S.T. 12702
Melngailis, J. *see* Riordon, J. 22712
Melnic, O. *see* Tsiulyanu, D. 48564
Mel'nichenko, I.A. *see* Aleshin, Y.D. 18124
Melnichuk, S.V. *see* Anatychuk, L.I. 31920
Melnik, I.V. *see* Denbnovetsky, S.V. 41764
Melnik, N.N. *see* Baru, V.G. 12582
Mel'nik, V.E. *see* Zakharenkov, V.F. 28493
Mel'nik, V.I., Grinev, B.V. Thermostable scintillation detector 49335
Melnik, V.I. *see* Denbnovetsky, S.V. 41764
Melnik, V.N. *see* Sokolov, V.N. 12132
Melnik, V.P., Lukin, V.V., Zelensky, A.A., Huttenen, H., Astola, J. Nonlinear locally-adaptive and iterative algorithms of image restoration 15930
Mel'nik, V.P. *see* Litovchenko, V. 42299
Melnik, V.P. *see* Lukin, V.V. 5253
Melnik, V.P. *see* Lukin, V.V. 26956
Melnikov, A. *see* Popovici, G. 51571
Melnikov, A.A. *see* Job, R. 42915
Mel'nikov, A.P. *see* Al'perovich, L.S. 54035
Mel'nikov, E.A. *see* Belikov, S.V. 28029
Mel'nikov, I.V. Second-harmonic generation in an absorptive quasi-phase-matched structure 4011
Melnikov, I.V. Resonance assisted second-harmonic generation in a quasi-phase-matched structure 4081
Mel'nikov, L. *see* Shteinshleiger, V. 27025
Melnikov, L.A., Romanova, E.A. Effect of the cladding modes on spatial and polarization characteristics of the output field of a single-mode fiber. II. Polarization effects 43965
Mel'nikov, S.A. *see* Oreshkin, M.A. 55065
Mel'nikov, S.P., Porkhaev, V.V. Nuclear-pumped near-infrared quasi-cw laser based on transitions in the nitrogen and carbon atoms 3684
Mel'nikov, V.F. *see* Alekseev, V.A. 17014
Mel'nikov, V.N. *see* Bronnikov, K.A. 36369
Melnikova, S.S. *see* Zadiraka, V.K. 34539
Melnychuk, S. *see* Cole, M. 49105
Melnychuk, S.T., Cole, M.D., Sredniawski, J.J. Beam emittance, transmission, and intensity distribution measurements of the Northrop Grumman Corporation 1.76 MeV pulsed beamline and contraband detection system target test facility 49110
Melnychuk, S.T., Debiak, T.W., Rathke, J., Sredniawski, J., Milton, B., Kuo, T. Commissioning of the 40 keV injector for a contraband detection system proof-of-principle device 49111
Melo, A.C.G. *see* Mello, J.C.O. 60298
Melo, A.G., da Silva, H.J.A. Optimization of QPSK demodulators for digital satellite radio 6684
Melo, C.P. *see* Gutierrez, M.A. 49444
Melo, C.P.de *see* de Melo, C.P.
Melo, M.T.De *see* De Melo, M.T.
Melo, O. *see* Chisholm, W.A. 8927
Melo, O.de *see* de Melo, O.

Melo Rezende, A.de *see* de Melo Rezende, A.
Melon, C., Monediere, T., Jecko, F. The FDTD method applied to the study of ferrites with a negative effective permeability: a new algorithm 55068
Meloncelli, I. *see* Vespasiani, G. 18180
Meloni, F. *see* Satta, A. 12265
Melouki, B., Lieutier, M., Lefort, A. Determination of arc current by the use of a fluorescent optical fibres 60949
Melquiond, F., Mouroux, A., Jouglar, J., Vuillermoz, P.L., Weinstock, H. History dependence of magnetomechanical properties of steel 7541
Melsa, P.J.W., Rohrs, C.E., Younce, R.C. Joint optimal impulse response shortening 16463
Melsa, P.J.W., Younce, R.C., Rohrs, C.E. Impulse response shortening for discrete multitone transceivers 16009
Melsen, J.A. *see* Muller, H.-O. 54714
Melton, C., Fuerhaupter, H. Lead-free tin surface finish for PCB assembly 53775
Melton, C., Klosterman, D., Mei, Y. Lead-free solder fine pitch stencil printing 22035
Melton, C.M. *see* Gamota, D.R. 30258
Melton, R.W., Tsai Chi Huang, Alford, C.O., Becker, L. A VLSI system implementation for real-time object detection 1501
Meltz, G. Overview of fiber grating-based sensors 48570
Meltz, G. *see* Hewlett, S.J. 3368
Meltzer, C.C. *see* Links, J.M. 7887
Meltzer, R.S. *see* Yocom, P.N. 17704
Meltzin, S. *see* Zlotnikov, Y. 35401
Melucci, D. *see* Reschiglian, P. 40870
Melver, J.K. *see* Becker, W. 55903
Melville, D. *see* Noel, J.-P. 14098
Melville, S., Sutcliffe, G., Fraser, D. Using artificial neural networks for meteor-burst communications trail prediction 16658
Melville, W.K. *see* Rozenberg, A. 18886
Melville, W.Kendall *see* Kendall Melville, W.
Melvin, D.B. *see* Rangan, V. 8144
Melvin, S.P. *see* Buck, B.J. 53650
Melvin, S.P. *see* Devlin, L.M. 58116
Melzer, B. *see* Grenzer, J. 53606
Melzer, B. *see* Schomburg, E. 53616
Melzer, B. *see* Winnerl, S. 42106
Melzer, K. *see* Urbansky, N. 42730
Melzer, K. *see* Vogt, M. 42644
Melzer, W. Maintenance-free online pH measurements 27964
Memin, E., Perez, P. Robust discontinuity-preserving model for estimating optical flow 5320
Memin, E. *see* Piscaglia, P. 57022
Memis, I. Latent open testing: an alternative or supplement to automated optical inspection 53778
Memis, I. *see* Carpenter, R. 10069
Memmert, U. *see* Euler, R. 48634
Memon, A.A., Isani, A.A., Unar, M.H. Characterization of thin silicon di oxide films on Si substrates 22597
Memon, A.R. *see* Chowdhry, B.S. 58647
Memon, M. *see* Abro, M.R. 28954
Memon, N., Wu, X., Sippy, V., Miller, G. An interband coding extension of the new lossless JPEG standard 56620
Memon, N. *see* Abro, M.R. 9160
Memon, N. *see* Abro, M.R. 28954
Memon, N. *see* Xiaolin Wu 26409
Memon, Q. Approximate Fourier expansion: Its properties and applications 35132
Memon, Q., Kasparis, T. Adaptive transform coding of images using approximate trigonometric expansions 46213
Memon, S.A. *see* Burdi, M.K. 60447
Men, H.Le *see* Le Men, H.
Men Jung Hyun *see* Hyun Men Jung
Men Liqiu, Jiang Fusong, Gan Fuxi Optical and short-wavelength recording properties of In-Sb-Te phase change thin films 43897
Mena, P.V., Sung-Mo Kang, DeTemple, T.A. Rate-equation-based laser models with a single solution regime 55598
Menadier, M. *see* Bouvy, R. 17096
Menard, C., Leonardis, A. Robust stereo on multiple resolutions 5318
Menard, D. *see* Ciureanu, P. 3153
Menard, D. *see* Rudkowski, P. 23313
Menard, J. *see* Stutman, D. 36666
Menard, J.F. *see* Vera, P. 37674
Menard, J.P. Using statistical process control (SPC) to monitor a reflow oven 22059
Menard, J.P. Optimizing printed circuit board cooling 41662
Menard, M., Zahzah, E., Shahin, A. Mass functions assessment: case of multiple hypothesis for the evidential approach 56610
Menard, S., Vampouille, M., Colombeau, B., Froehly, C. Highly efficient phase locking and extracavity coherent combination of two diode-pumped Nd:YAG laser beams 33603
Menard, S. *see* Martinez, E. 49350
Menardi, A. *see* Saint-Pe, O. 49977
Menberu, B. *see* Kim, S.W.A. 43047
Mencaglia, A. *see* Brenci, M. 36628
Menchetti, A. *see* Ferrero, A. 38449
Menchikov, A. *see* Gemmeke, H. 59323
Menciassi, A. *see* Carrozza, M.C. 59377
Mencik, M. *see* Garvey, T. 49193
Mendalek, N., Al-Haddad, K., Chandra, A., Bhim Singh Active corrector of the power factor in a three-phase network with impedance 19133
Mendel, C.W., Jr, Rosenthal, S.E. Dynamic modeling of magnetically insulated transmission line systems 8844
Mendel, J.M. *see* Dogan, M.C. 4770
Mendel, J.M. *see* Gonen, E. 4874
Mendel, J.M. *see* Wen Wei 14777
Mendel, R. *see* Luo, H.J. 43097
Mendell, L.M. *see* Daly, J.J. 18497
Mendelsohn, S.S. *see* Berwald, D.H. 49106
Mendelson, R., Diefenderfer, D.F., Gumbert, C.M., Singh, B. Optimized backgrind wafer process minimizes stress effects 13060
Mendes, E.A., Caetano, E.W.S., Freire, V.N., da Costa, J.A.P. High magnetic field effects on the ultrafast transport transient of hot electrons in InSb 41979
Mendes, L.S., Arvas, E. Scattering of a TM wave by a chiral cylinder with the use of the method of moments and solenoidal basis functions 45053
Mendes, S.B., Lifeng Li, Burke, J., Saavedra, S.S. Achromatic prism-coupler for planar waveguide 44003
Mendez, A., Bordonau, J., Peracaula, J. An object-oriented approach to computer aided analysis of power electronics systems 40898
Mendez, A. *see* Arizmendi, L. 33749
Mendez, A. *see* Carreira, J.M. 37712
Mendez, A. *see* Souto, M. 8023
Mendez, A.J. WDM matrix coding: a novel approach to ultradense networks 6847
Mendez, A.J. *see* Gagliardi, R.M. 6810
Mendez, A.J. *see* Lado, M.J. 59443
Mendez, A.J. *see* Tahoces, P.G. 49448
Mendez, B. *see* Piqueras, J. 41989
Mendez, C.Raul Arias *see* Raul Arias Mendez, C.
Mendez, E.R. *see* Leyva-Lucero, M. 14322
Mendez, J.A. *see* Larruquert, J.I. 23640
Mendez, J.H.Briceno *see* Briceno Mendez, J.H.
Mendez-Fernandez, E., Pena-Sierra, R., Escobosa, A. Mobility and compensation in GaAs: MOCVD 2009
Mendhekar, A. *see* Vishwanath, M. 11464
Mendias, J.M., Hermida, R., Fernandez, M. Formal techniques for hardware allocation 52974
Mendiburu, J.P. *see* Alexeev, G. 59200
Mendicino, M. *see* Jin-Ho Seo 42314
Mendicino, M. *see* Seo, J.-H. 42307
Mendicino, M.A., Vasudev, P.K., Maillot, P., Gondran, C. A comparative evaluation of 200 mm SOI wafers through state-of-the-art materials characterization 42303
Mendicino, M.A. *see* Anc, M.J. 22457
Mendillo, M. *see* Aarons, J. 24485
Mendis, F.V.C. *see* Chew, Y.H. 33209
Mendis, F.V.C. *see* Haldar, M.K. 26771
Mendis, F.V.C. *see* Linlin Li 3808
Mendis, F.V.C. *see* Seng, K.H. 55666
Mendis, F.V.G. *see* Chia, K.B. 26896
Mendis, S.K., Kemeny, S.E., Gee, R.C., Pain, B., Staller, C.O., Quiesup Kim, Fossum, E.R. CMOS active pixel image sensors for highly integrated imaging systems 27683
Mendis, S.R. *see* Bishop, M.T. 51902
Mendler, C. A flywheel micro-energy storage hybrid vehicle having a direct injection diesel prime-mover engine 20191
Mendlovic, D., Deutsch, M., Ferreira, C., Garcia, J. Single-channel polychromatic pattern recognition by the use of a joint-transform correlator 15583
Mendlovic, D., Zalevsky, Z., Shabtay, G., Marom, E. High-efficiency arbitrary array generator 13792
Mendlovic, D. *see* Deutsch, M. 15757
Mendlovic, D. *see* Garcia, J. 15758
Mendlovic, D. *see* Shabtay, G. 46181
Mendlovic, D. *see* Zalevsky, Z. 33046
Mendlovic, D. *see* Zalevsky, Z. 46008
Mendlovic, D. *see* Zalevsky, Z. 46010
Mendlovic, D. *see* Zalevsky, Z. 46012
Mendonca, G.V. *see* Barreto, C.S. 57292
Mendonca, H. *see* Hamelin, J.I.A. 1004
Mendonca, J.T. *see* Dias, J.M. 17866
Mendonca, L.M.D., D'Assuncao, A.G. Dispersive analysis of circular cylindrical microstrips and backed slotlines 45302
Mendonca Xavier, J.E. *see* Oliveira Freire, E. 50246
Mendonsa, R. *see* Anamkath, H. 60865
Mendoza, D. *see* Domadia, A. 1846
Mendoza, D. *see* Peng-Wie Hsia 37824
Mendoza, I. *see* Esteller, R. 59589
Mendoza, I. *see* Gomis, P. 49679
Mendoza, J. *see* Fuentes, J. 741
Mendoza, L. *see* Bravo, R. 59650
Mendoza, N. *see* Jones, S.J. 18478
Mendoza, S., Gillick, L., Ito, Y., Lowe, S., Newman, M. Automatic language identification using large vocabulary continuous speech recognition 14981
Mendoza-Alvarez, J. *see* Diaz-Arencibia, P. 2141
Mendoza-Alvarez, J.G. *see* Picos-Vega, A. 41917
Mendoza-Alvarez, J.G. *see* Stolik, D. 9535
Mendoza-Alvarez, J.G. *see* Vigil, O. 2008
Mendrela, E.A., Tao Song Impact of end-springs and parameters of electrical and magnetic circuits on the performance of a single-phase linear reluctance self-oscillating motor 60810
Menegaldo, L.L. *see* Altemani, C.A.C. 30294
Menegat, A. *see* Wang, J.W. 49051
Menegazzo, E. *see* Rainer, W. 18168
Meneghesso, G., Haddab, Y., Perrino, N., Canali, C., Zanoni, E. Drain current DLTS analysis of recoverable and permanent degradation effects in AlGaAs-GaAs and AlGaAs-InGaAs HEMTs 2703
Meneghesso, G., Matloubian, M., Brown, J., Liu, T., Canali, C., Mion, A., Neviani, A., Zanoni, E. Open channel impact-ionization effects in InP-based HEMT's and their dependence on channel quantization and temperature 2728
Meneghesso, G., Mion, A., Neviani, A., Matloubian, M., Brown, J., Hafizi, M., Takyiu Liu, Canali, C., Pavesi, M., Manfredi, M., Zanoni, E. Effects of channel quantization and temperature on off-state and on-state breakdown in composite channel and conventional InP-based HEMTs 43152
Meneghesso, G., Paccagnella, A., Gasparetto, G., Camin, D.V., Fedyakin, N., Pessina, G., Canali, C. Neutron induced damage in GaAs MESFETs 54711
Meneghesso, G., Paccagnella, A., Haddab, Y., Canali, C., Zanoni, E. Correlation between permanent degradation of GaAs-based HEMT's and current DLTS spectra 54694
Meneghetti, J.C. *see* Gutierrez, M.A. 49444
Meneghini, R. *see* Iguchi, T. 28639
Meneghini, R. *see* Okamoto, K. 28636
Menelle, A. *see* N'Guy, K. 33196
Menemenlis, D. *see* Fieguth, P.W. 60080
Menendez, C. *see* Ortega, F. 36479
Menendez, J.M. *see* Guemes, A. 10971
Menendez, M.L., Pardo, J.A., Pardo, L., Pardo, M.C. The Jensen-Shannon divergence 34492
Menendez, R.C. *see* Chapuran, T.E. 27168
Menendez-Valdes, P. *see* Belmonte, A. 6803
Meneses, J., Lopez, F., Melendez, J., De Castro, A.J., Bosch, S. Fabry-Perot resonators for high resolution infrared gas sensors 3555
Meneses, J.M. *see* Boemo, E.I. 1303
Meneses, J.M. *see* Boemo, E.I. 11305
Meneses, J.M. *see* Sanz, C. 15985
Meneses, L. *see* Silva, A. 7187
Meney, A.T. *see* Valster, A. 55634
Menezes, A.J. *see* Jurisic, A. 45530
Menezes, B.R. *see* Peixoto, Z.M.A. 60706
Menezes, L.R.A.X.de *see* de Menezes, L.R.A.X.
Menezes, N. *see* Pullela, S. 53103
Menezes, T. *see* De Antonis, P. 36834
Menezes, V., Nandy, S.K., Mitra, B. Spatial frequency based motion estimation for image sequence compression 15998
Meng, A., Huang, S., Chen, W., Luo, F. Study on the hybrid fiber optic flow sensor system 36642
Meng, A. *see* Luo, F. 30983
Meng, B. *see* Maroudas, D. 54341
Meng, C.C. *see* Wang, Y.J. 13010
Meng, C.Chin-Chun *see* Chin-Chun Meng, C.
Meng, G.Y. *see* Yang, P.H. 27757
Meng, H., Lisboa, P.J.G., Rissell, P.C., Jones, G.R. The modelling of plasma etching processes using neural network and statistical techniques 2364
Meng, L.J., dos Santos, M.P. Structure effect on electrical properties of ITO films prepared by RF reactive magnetron sputtering 31865
Meng, Q. *see* Atkinson, R. 13438
Meng, Q.-H.M. *see* Wyard-Scott, L. 15742
Meng, T. *see* Burleson, W. *(editor)* 29950
Meng, T.H. *see* Gordon, B.M. 26233
Meng, T.H. *see* Tsern, E.K. 5024
Meng, T.H.Y. *see* Namgoong, W. 26414
Meng, T.H.Y. *see* Verma, T. 15355
Meng, W., Habib, I., Saadawi, T.N. GT: a versatile access scheme for high throughput MANs 6119
Meng, X.Z., Sloot, J.G.J. Reliability concept for electric fuses 53731
Meng, Z. *see* Griffiths, H.D. 58486
Meng, Z.Q., Tateiba, M. Radar cross sections of conducting elliptic cylinders embedded in strong continuous random media 16853
Meng, Z.Q. *see* Ren, W. 56009
Meng Chang Chen *see* Meng-Huang Lee 58589
Meng He *see* He Meng
Meng Hongxing *see* Hongxing Meng
Meng Jianhao *see* Jianhao Meng
Meng Jing *see* Jing Meng
Meng Ming-Qi *see* Ming-Qi Meng
Meng Qingchun An approach on genetic algorithm with symmetric codes 10399
Meng Qingling Flight control and management computer EMC design for anti-severe EM environment 18609
Meng Shaoxian *see* Shaoxian Meng
Meng Shen *see* Huimin Liu 24218
Meng Sun *see* Jianyao Wu 44697
Meng Tan Check *see* Check Meng Tan
Meng Tao *see* Dae-Gyu Park 32392
Meng Xiangwei *see* Xiangwei Meng
Meng Yan *see* Yan Meng
Meng Zhang, Yu Hengbo Inquire into the problem about signal connect up between analog network and digital network 35565
Meng Zhaodun *see* Sun Ying 29510
Meng Zhiguo *see* Zhiguo Meng
Meng Zhongyan *see* Zhongyan Meng
Meng-Chyi Wu *see* Wen-Jeng Ho 44316
Meng-Chyi Wu *see* Yuh-Maoh Sun 743
Meng-Hsiung Kiang, Solgaard, O., Muller, R.S., Lau, K.Y. Micromachined polysilicon microscanners for barcode readers 13182

Meng-Hsiung Kiang, Solgaard, O., Muller, R.S., Lau, K.Y. Design and fabrication of high-performance silicon micromachined resonant microscanners for optical scanning applications 44053
Meng-Huang Lee, Meng Chang Chen, Jan-Ming Ho, Ming-Tat Ko On the disk layout of near video on demand system 58589
Meng-Jia Sun *see* Sun Meng-Jia
Meng-Nian Niu, Xin-Fang Ding, Qin-Yi Tong Effect of two types of surface sites on the characteristics of Si_3N_4-gate pH-ISFETs 48422
Meng-Shi Chiou *see* Shi-Wei Lee 50654
Meng-Xiang Li *see* Lindeberg, T. 15716
Mengali, U., Morelli, M. Data-aided frequency estimation for burst digital transmission 25846
Mengan Liu *see* Liu Mengan
Mengchyi Wu *see* Wu Mengchyi
Menge, P.R. *see* Mazarakis, M.G. 37078
Menge, P.R. *see* Mazarakis, M.G. 37152
Mengel, A. *see* Suhardi 34671
Mengel, K. *see* Novotny, R. 59270
Mengel, P. *see* Matsuyama, Y. 25469
Menges, B. *see* Ellis, S.R. 17620
Menges, B. *see* Paul, S. 32343
Mengesha, W. *see* Taulbee, T.D. 59272
Mengjia Sun, Junmin Wang, Jianming Zhao, Minqian Li Methylene-blue-sensitized gelatin holograms 4110
Mengjia Sun *see* Sun Mengjia
Mengjou Lin, Du, D.H.C. High-performance computing over switch-based high-speed local networks 47171
Mengjou Lin, Singer, D. An experimental ATM-based video-on-demand system on a Macintosh platform 47388
Mengli Li *see* Beale, G.O. 39430
Mengnian Niu *see* Niu Mengnian
Mengpang Chen *see* Brown, D.A. 18970
Mengxiang Li, Lavest, J.-M. Some aspects of zoom lens camera calibration 7422
Menichella Saetta, E. *see* Gammaitoni, L. 25048
Meniconi, M., Barry, D.M., Betts, D.C. Variations in performance degradation of CMOS NAND gates due to ionizing radiation 53110
Menil, F. *see* Debeda, H. 36740
Menil, F. *see* Lucat, C. 30974
Menkara, H.M. *see* Ilgu Yun 44253
Menkassi, A. *see* Hbib, H. 54303
Menke, D. *see* Stock, H.-J. 55377
Menke, M., Scheffler, G. Basic feature box with SDA 9254: 100 Hz TV for the low-end segment too 36322
Menke, M. *see* Eichfeld, H. 1490
Menkel, S. *see* Drung, D. 27427
Menlove, H.O., Abhold, M., Eccleston, G., Puckett, J.M., Ohtani, T., Ohshima, H., Kobayashi, H., Takahashi, S. Smart unattended systems for plutonium safeguards 7179
Menna, L.De *see* De Menna, L.
Menna, P. *see* Tsuo, Y.S. 39205
Menna, R. *see* Garbuzov, D. 12350
Menne, R. *see* Tornow, M. 22414
Menner, R. *see* Dimmler, B. 39056
Menner, R. *see* Ruckh, M. 39071
Mennig, M. *see* Schulze, S. 23066
Menniger, J. *see* Ploog, K.H. 30837
Menniger, J. *see* Ramsteiner, M. 31830
Menniti, D. *see* Conforti, D. 8763
Menniti, D. *see* Daponte, P. 38213
Menniti, D. *see* Losi, A. 9197
Meno, F.M. *see* Baumann, S.B. 37808
Menoche, R.K. *see* Stein, P.J. 18911
Menolfi, C. *see* Qiuting Huang 7239
Menon, A., Haimbodi, M., Zhou, R., Josse, F. Polymer-coated quartz crystal resonators for multi-information sensing 36745
Menon, A. *see* Yufeng Li 13439
Menon, A. *see* Yufeng Li 13444
Menon, C.S. *see* Joseph, C.M. 12321
Menon, C.S. *see* Joseph, C.M. 30920
Menon, N. *see* Kagan, H. 37508
Menon, N. *see* Shipsey, I. 59232
Menon, N. *see* Spencer, M.B. 59274
Menon, P., Harris, T.M. Anomalous codeposition of Ni-Fe alloys: delineation of mechanistic regimes 30851
Menon, P.R. *see* Tekumalla, R. 1299
Menon, R. *see* Andres, E. 35035
Menon, S.M., Malaiya, Y.K., Jayasumana, A.P. Input pattern classification for detection of stuck-ON and bridging faults using I_{DDQ} testing in BiCMOS and CMOS circuits 53192
Menon, S.S., Choudhury, R.K. Comparison of the Ti-TiN-AlCu-TiN stack with TiN-AlCu-Ti-TiN stack for application in ULSI metallization 54509
Menon, V.J. *see* Agrawal, D.C. 51618
Menoni, C.S., Buccafusca, O., Marconi, M.C., Patel, D., Rocca, J.J., Robinson, G.Y., Goodnick, S.M. Effect of indirect Γ-L and Γ-X transfer on the carrier dynamics of InGaP/InAlP multiple quantum wells 22336
Menoni, C.S. *see* Patel, D. 22384
Menoni, C.S. *see* Patel, D. 23952
Menoni, C.S. *see* Patel, D. 23956
Menozzi, R., Borgarino, M., Baeyens, Y., Van Hove, M., Fantini, F. On the effects of hot electrons on the DC and RF characteristics of lattice-matched InAlAs/InGaAs/InP HEMTs 21914
Menreur, P. *see* Costanzo, B. 28488
Mensa, D. *see* Agarwal, B. 53590
Menser, B. *see* Muller, F. 56623
Menser, B. *see* Muller, F. 56762
Men'shikov, L.I. *see* Abalin, S.S. 9042
Menshov, A.A. *see* Esin, S.K. 37133
Mensing, G.A. *see* Tolk, N.H. 2392
Mensz, P.M. *see* Teisseyre, H. 22237
Mentel, J., Reich, N., Schulze, J., Grozeva, M., Sabotinov, N., Mizeraczyk, J. Radio frequency excited CW gas ion lasers 23758
Mentel, J. *see* Schein, J. 39379
Mentijano, J.I. *see* Calvo, M. 10524
Mentley, D. *see* Mui, R. 17662
Menushenkov, V.P. *see* Albutov, A.A. 3239
Menushenkov, V.P. *see* Oreshkin, M.A. 55065
Menyuk, C.R. Multiple length scales and averaging in modelling of long-distance optical fiber transmission 47930
Menyuk, C.R. *see* Afanasjev, V.V. 33648
Menyuk, C.R. *see* Ding Wang 55813
Menyuk, C.R. *see* Golovchenko, E.A. 58277
Menyuk, C.R. *see* Jacob, J.M. 23485
Menyuk, C.R. *see* Pilipetskii, A.N. 24249
Menz, P., Warich, G. Necessity of temperature control for plain heads for machine tool 39756
Menz, W. LIGA and related technologies for industrial application 13177
Menz, W., Bacher, W., Bier, W., Hagena, O.F., Mohr, J., Seidel, D. Combination of LIGA with other microstructure technologies 32584
Menz, W. *see* Molders, N. 52737
Menz, W. *see* Schulz, J. 23091
Menzel, C. *see* Koneke, R. 36712
Menzel, G. *see* Stohlker, Th. 7727
Menzel, R. *see* Niebling, G. 27434
Menzel, R. *see* Ostermayer, M. 30190
Menzel, U. *see* Puchert, R. 3852
Menzel, U. *see* Tomm, J.W. 44443
Menzel, U. *see* Voss, M. 23989
Menzel, W. *see* Duerr, W. 34286
Menzer, R. *see* Hohlein, B. 20179
Menzi, U., Ackermann, U. HDSL jitter problems? 26395
Menzione, A. *see* Antos, J. 37373
Menzorov, A.V. *see* Krasheninnikov, V.R. 34977
Meo, S. *see* Di Stefano, R. 60969
Meo, S. *see* Filippetti, F. 19740
Meo, S. *see* Gentile, G. 19767
Meot, F., Aniel, T. Principles of the non-linear tuning of beam expanders 7748
Mera, N. The wireless challenge [power requirements for wireless networks] 35984
Meraim, K.A. *see* Belouchrani, A. 34746
Merakos, L. *see* Passas, N.I. 26503
Merakos, L. *see* Sakkas, V. 26506
Merakos, L.F. *see* Exley, G.M. 36011
Merakos, L.F. *see* Passas, N.I. 6568
Merat, F. *see* Mehregany, M. 44154
Merat, F.L. *see* Chung, D. 24972
Merat, F.L. *see* Crouser, P.D. 36976
Merazga, A. *see* Li, J.M. 51225
Mercedes Gomez Albarran, M.de las *see* de las Mercedes Gomez Albarran, M.
Mercer, D., DiPilato, J. DACs are optimized for communication transmit path 53375
Mercer, D., Singer, L. 12-b 125 MSPS CMOS D/A designed for spectral performance 11530
Mercer, D. *see* Chatterjee, A. 2805
Mercer, D. *see* Chatterjee, A. 54800
Mercer, D. *see* Joyner, K. 22552
Mercer, D.R. *see* Darveniza, M. 8883
Mercer, M.R. *see* Park, J. 1243
Mercer, M.R. *see* Wang, L. 40975
Mercer, M.R. *see* Wang, L.-C. 7173
Mercer, M.R. *see* Williams, T.W. 32550
Mercer, R.E. *see* Cheng, D. 60073
Mercer, S.R. Linear simulators offer successful microstrip modeling for Wilkinson power-splitters 21887
Merchant, A. An ozone friendly CFC-113 alternative for the 1990s 52382
Merchant, B.L., Happ, L. Yuma Proving Grounds GPR signatures in comparison with finite-difference time-domain target models 6951
Merchant, J.De *see* De Merchant, J.
Merchant, J.W. *see* Yang, W. 8402
Merchant, S., Kalkunte, M., Abusaidi, P. Design of fast-Ethernet controllers 16262
Mercier, C.D., Hembree, S. The Internet: what can it do for me, an engineer? 47034
Mercier, J.-J. *see* Beghdad, R. 57891
Mercier, R., Lamare, M., Picart, P., Marioge, J.P. Two-flat method for bi-dimensional measurement of absolute departure from the best sphere 27914
Mercier, R. *see* Chauvin, J. 55835
Mercier, R. *see* Picart, P. 17479
Mercinelli, M., Andrich, R. Teleworking for the disabled: Opportunities and barriers (experiences from European project T1003 TWIN) 5932
Merck, M. *see* Krawczynski, H. 37287
Merck, W.F.H. *see* Binnendijk, M. 29475
Mercouroff, N., Ouentin, P. Migration of IN towards TINA: a DPE based IN 26314
Mercouroff, N. *see* Campos Flores, A. 47294
Mercure, H. *see* Bourjolly, J.-M. 30470
Mercuri, R.T. *see* Seligmann, D.D. 47376
Mere, A. *see* Valdna, V. 55408
Mere, A. *see* Valdna, V. 55409
Meredith, P., Donald, A.M., Thiel, B. Electron-gas interactions in the environmental scanning electron microscopes gaseous detector 12129
Meredith, R.F. *see* Kim, R.Y. 28412
Meredith, R.J. EMTP modeling of electromagnetic transients in multi-mode coaxial cables by finite sections 35893
Meredith, W., Brownlie, G.D., Milnes, J., Buller, G.S., Prior, K.A., Cavenett, B.C., Dann, A.J., Robertson, M.J. The design and development of II-VI blue-green VCSELS 33558
Meredith, Z.A. *see* Raine, J.K. 39712
Meredov, M.M. *see* Slobodchikov, S.V. 44251
Merenkov, A.P., Saneyev, B.G., Sokolov, A.D. Essential problems of energy strategy in Siberia 50688
Meretoja, A.-P., Lang, H., Karki, T., Toivo, T., Eskola, H. Asymmetry in occipital EEG of young subjects 59715
Mereu, S.W., Kazman, R. Audio enhanced 3D interfaces for visually impaired users 48265
Mereutza, A.Z. *see* Mawst, L.J. 44551
Mereutza, A.Z. *see* Syrbu, A.V. 3846
Merfert, I., Mecke, H. Control of continuous-mode boost-converters in a unity power factor rectifier 60903
Mergui, S. *see* Hormadaly, J. 21985
Mergy, M. *see* Arnoul, P. 46521
Merhav, N. On list size exponents in rate-distortion coding 34609
Merhav, N., Bhaskaran, V. A fast algorithm for DCT-domain inverse motion compensation 25429
Merhav, N., Bhaskaran, V. A transform domain approach to spatial domain image scaling 25448
Merhav, N., Seroussi, G., Weinberger, M.J. Modeling and low-complexity adaptive coding for image prediction residuals 57247
Merhav, N., Vasudev, B. Fast inverse motion compensation algorithms for MPEG and for partial DCT information 46464
Merhav, N. *see* Stein, J. 25078
Meriakri, V.V., Nikitin, I.P. Frequency-selective properties of modified dielectric gratings 14698
Meriaudeau, F., Renier, E., Truchetet, F. Temperature imaging and image processing in the steel industry 27960
Meriaudeau, F., Truchetet, F. Image processing applied to laser cladding process 10846
Meriaudeau, F. *see* Renier, E. 168
Meriaudeau, F. *see* Renier, E. 48659
Merienne, F., Roudet, J., Perret, R. Power-control interaction in electronic power static converters 9350
Merigot, A. *see* Biancardi, A. 15564
Merilainen, P. Modern clinical gas monitoring 28065
Mering, C. *see* Kemmouche, A. 60010
Merinov, I.G. *see* Tron, A.M. 49118
Merinov, I.G. *see* Tron, A.M. 49120
Merk, M. *see* Brock, I.C. 37039
Merk, N. *see* Marine, W. 10900
Merkel, G. *see* Judy, D.C. 28021
Merkel, H. Construction of dyadic Green's functions for ideally soft and hard planes using image sources 34160
Merkel, K.D., Babbitt, R. Homogeneous dephasing compensation in coherent transient optical memories and processors 3356
Merkel, K.G. *see* Lyke, J.C. 52272
Merkel, U. *see* Klein, A. 22446
Merkel, W., Mego, T. Time trials [IC wafer test] 54763
Merkelo, H. *see* Haw-Jyh Liaw 1762
Merkelo, H. *see* Hochberg, T. 4300
Merkely, B. *see* Schaldach, M. 59796
Merkle, R. *see* Bauschlicher, C.W., Jr. 53821
Merkle, R.C. Convergent assembly 52187
Merkle, R.C. Binding sites for use in a simple assembler 53828
Merkle, R.C., Drexler, K.E. Helical logic 53112
Merkulov, A. *see* Isaenko, L. 10612
Merkulov, A. *see* Matsumoto, Y. 61093
Merkulov, I.A. *see* Kochereshko, V.P. 22371
Merkulov, I.A. *see* Malyshev, A.V. 41972
Merkulov, V.I., Vikulov, O.V. Penalty coefficients for the Letov-Kalman quality functional in the synthesis of electronic tracking systems 4753
Merler, S. *see* Furlanello, C. 56400
Merlet, N., Zerubia, J. Auxiliary functions in dynamic programming for smoothed road detection 46034
Merlet, T., Dolfi, D., Huignard, J.-P. Phase and time delays for microwave signals using photocarrier drift in a semiconductor 44200
Merline, T. Improving test fixture quality and delivery with CAD data 53741
Merlini, D. Riordan arrays and their applications 30504
Merlo, J.-P. *see* Akchurin, N. 37257
Merlo, S., Donati, S. Reconstruction of displacement waveforms with a single-channel laser-diode feedback interferometer 48896
Merlo, S. *see* Annovazzi-Lodi, V. 33015
Merlo, S. *see* Donati, S. 17329
Merlo, S. *see* Donati, S. 17769
Merlo, V. *see* Minestrini, M. 37114
Merlos, A. *see* Cane, C. 27704
Mermelstein, P. *see* Dziong, Z. 16588
Mermelstein, P. *see* Zarrinkoub, H. 14974
Mermet, J.L. *see* Brand, F. 42641
Mermet, J.L. *see* Torres, J. 12805
Mermet, L. *see* Marcadal, C. 40645
Mermet, R. *see* Glasser, F. 37338

Meroni, C. *see* Becks, K.H. 59228
Merono, J.M.Fernandez *see* Fernandez Merono, J.M.
Merrar, A. *see* Legros, E. 58311
Merriam, A.J. *see* Jain, M. 14273
Merricks, D. *see* Goosey, M. 11981
Merrill, F.E., Rybarcyk, L.J. Transverse match of high peak-current beam into the LANSCE DTL using PARMILA 37022
Merrill, J. *see* Schuller, M. 18732
Merrill, M.Linskey *see* Linskey Merrill, M.
Merrill, W.M. *see* Alexopoulos, N.G. 32605
Merrington, G. *see* Eustace, R. 38021
Merritt, C.R.B. Radiology's second century: change and opportunity 7918
Merritt, L.V. *see* Teofilo, V.L. 61023
Merritt, P., Cusumano, S., Kramer, M., O'Keefe, S., Higgs, C. Active tracking of a ballistic missile in the boost phase 38174
Merritt, S.A., Heim, P.J.S., Si Hyung Cho, Dagenais, M. Controlled solder interdiffusion for high power semiconductor laser diode die bonding 55711
Merritt, S.A. *see* Porkolab, G.A. 44247
Merrow, D.J. *see* Littler, T.B. 19087
Merrow, J.D. *see* Voyles, R.M. 15421
Merry, W. Advanced chemical downstream etch and strip capability 32224
Merryman, A. *see* Perfecto, E.D. 301
Merryman, S.A. Chemical double-layer capacitor power sources for electrical actuation applications 19936
Merryman, S.A. *see* Rose, M.F. 19935
Mersali, B. *see* Dorgeuille, F. 13689
Mersali, B. *see* Sigogne, D. 14157
Merschel, F. *see* Fischer, M. 38369
Mersereau, R.M. *see* Al-Shaykh, O.K. 5164
Mersereau, R.M. *see* Al-Shaykh, O.K. 56988
Mersereau, R.M. *see* Bayrakeri, S. 56627
Mersereau, R.M. *see* Coban, M.Z. 25582
Mersereau, R.M. *see* Fu-Huei Lin 5177
Mersereau, R.M. *see* Su, J.K. 56761
Mersereau, R.M. *see* Tang, S.-H.T. 25422
Mersman, C.R., Dillman, N.G., Morcos, M.M. A novel microprocessor-based ferroresonant battery charger for electric vehicles 20167
Merta, I. *see* Stankiewicz, A. 35096
Merte, R. *see* Henke, H. 49122
Merte, R. *see* Janicke, L. 43612
Mertens, A., Eckardt, D. Voltage and current sensing in power electronic converters using sigma-delta A/D conversion 38822
Mertens, J. *see* Verhelst, W. 14937
Mertens, K., Sennewald, M., Schmitt, H.J. Polarization conversion by hybrid modes: theory and applications 13678
Mertens, P.W. *see* Elsmore, C. 42464
Mertens, P.W. *see* Hurd, T.Q. 42560
Mertens, P.W. *see* Teerlinck, I. 1987
Mertens, P.W. *see* Teerlinck, I. 2363
Mertens, P.W. *see* Teerlinck, I. 42561
Mertens, R., Peytier, A., Hameyer, K., Belmans, R. A CAD laboratory in electromagnetics for undergraduates 53712
Mertens, R. *see* Ghannam, M. 61085
Mertens, R. *see* Horzel, J. 39009
Mertens, R. *see* Nijs, J. 20038
Mertens, R. *see* Poortmans, J. 32190
Mertens, R. *see* Sivoththaman, S. 39019
Mertens, R. *see* Vermeulen, T. 39027
Mertes, J.Y. *see* Simon, B. 56777
Mertig, M. *see* Gorbunov, A.A. 53815
Mertin, M. *see* An Chengwu 890
Mertingk, U. *see* Klehr, A. 23912
Mertins, A. *see* Cinkler, K. 25441
Mertins, A. *see* Cinkler, K. 57026
Mertins, A. *see* Karp, T. 15298
Mertol, A. Thermal performance comparison of high pin count cavity-up enhanced plastic ball grid array (EPBGA) packages 267
Mertz, R.L. A capstone design course [electrical engineering] 30045
Mertzanis, I., Tafazolli, R., Evans, B.G. Performance issues and modelling of mobile executed handoffs in multispot beam dynamic satellite networks using ATM multiplexing 47851
Mertzios, B.G. *see* Spiliotis, I.M. 35032
Mervine, M.L. Using opensim to rehost the Vermont Yankee simulator on a multiprocessor PC platform under Windows NT 8718
Merz, J. *see* Ying-Lan Chang 2383
Merz, J. *see* Ying-Lan Chang 54072
Merz, J.A. *see* Johnson, K.E. 13458
Merz, J.L. *see* Sparing, L.M. 23665
Merz, J.L. *see* Wang, P.D. 12490
Merz, J.L. *see* Xin, S.H. 10810
Merz, M. *see* Muller-Jones, K. 6113
Merz, P. *see* Miesner, H.-J. 37046
Merzlyak, M.N. *see* Gitelson, A.A. 8410
Merzlyakov, Yu.I. *see* Aksenov, G.A. 36440
Merzlyakov, Yu.V. *see* Domrachev, V.M. 48461
Merzon, G.I. *see* Aleksandrov, K.V. 17352
Merzouk, S. *see* Deville, P. 51825
Mesa, F. *see* Plaza, G. 56085
Mesa, O.J. *see* Smith, R.A. 28828
Mesarch, M.A. *see* Walter-Shea, E.A. 18767
Mesarovic, V.Z., Galatsanos, N.P. Regularized constrained total least-squares and maximum a posteriori image restoration from partially-known blur 35345
Meschede, D. *see* Brandt, S. 27229
Meschede, D. *see* Wynands, R. 7147
Meschi, A., Di Natale, M., Spuri, M. Earliest deadline message scheduling with limited priority inversion 5749
Meschini, F. *see* Borella, A. 5731
Meseguer, C. *see* Perez-Arriaga, I.J. 60297
Meshcheryakov, V., Mudrov, A. Eigen electromagnetics wave in round waveguide with biisotropic mode 45312
Meshkatoddini, M.R., Loubiere, A., Bui, A. Ageing study of the mineral oil in an oil-immersed ZnO-based surge arrester 19802
Meshkatoddini, M.R., Loubiere, A., Bui, A. Degradation analysis of mineral oil in an oil-immersed ZnO-based surge arrester 28957
Meshkinfam, P. *see* Fournier, P. 33083
Meshkinpour, M., Goorsky, M.S., Jenichen, B., Streit, D.C., Block, T.R. The role of substrate quality on misfit dislocation formation in pseudomorphic high electron mobility transistor structures 43111
Meshkinpour, M. *see* Rich, D.H. 54197
Meshkov, S.A. *see* Golovanov, A.V. 29101
Meshurov, O.V. *see* Emelianov, V.V. 22843
Mesiar, R. Shape preserving additions of fuzzy intervals 30480
Mesiar, R. *see* Klement, E.P. 40043
Mesic, M. Systematic exchange of high-voltage 400-110 kV switchgears in substations of PrP Zagreb 60948
Meskanen, M. Apnea detection using a tracheal microphone and a back propagation neural network 28099
Meslem, Y. *see* Bauville, G. 28952
Mesli, A. *see* Nylandsted Larsen, A. 42371
Mesnager, G. *see* Chabert, M. 8331
Mesquida, G. *see* Zylbersztejn, A. 26901
Mesquita, R.C. *see* Gonzalez, M.L.Y. 44920
Mesquita, R.C. *see* Silva, E.J. 44921
Mesrobian, A., Hudson, J.A. Comparative performance of open and totally enclosed machines 38710
Messaadi, K. *see* Bigand, A. 29914
Messaddeq, Y. *see* Maciel, G.S. 44744
Messaoudi, A. Recursive interpolation algorithm: a formalism for solving systems of linear equations. I. Direct methods 10453
Messaoudi, A. Recursive interpolation algorithm: a formalism for solving systems of linear equations. II. Iterative methods 10454
Messaoudi, T. *see* Tellier, C.R. 32571
Messenger, S.R. *see* Cotal, H.L. 37989
Messenger, S.R. *see* Sharps, P.R. 37978
Messer, H. *see* Bartov, A. 34902
Messer, H. *see* Ephraty, A. 4666
Messer, H. *see* Fostick, G.S. 27102
Messer, H. *see* Reuven, I. 25103
Messer, H. *see* Reuven, I. 56238
Messer, H. *see* Tabrikian, J. 28659
Messer, J., Miller, S. Boost circuit and energy storage capacitors prolong UPS battery life 29441
Messerschmitt, D.G. *see* Chiang, K.H. 9917
Messerschmitt, D.G. *see* Horng-Dar Lin 16166
Messerschmitt, D.G. *see* Noguchi, Y. 5148
Messerschmitt, D.G. *see* Yun, L.C. 16581
Messham, R.L. *see* Sinharoy, S. 21266
Messi, R. *see* Andryakov, A. 37226
Messica, A., Soibel, A., Meirav, U., Stern, A., Shtrikman, H., Umansky, V., Mahalu, D. Suppression of conductance in surface superlattices by temperature and electric field 42211
Messier, R. *see* Byungyou Hong 40606
Messier, R. *see* Joungchel Lee 860
Messier, R. *see* Joungchel Lee 40557
Messina, A.R., Rosales, M.A.A. Analysis of inter-area damping enhancement by static VAR compensators in longitudinal power systems 28784
Messina, G., Paoletti, A., Santangelo, S., Tucciarone, A. Application of the Π theorem of dimensional analysis to electron scattering in multi-component systems 32335
Messina, N., Pappalardo, A., Anastasi, G., Morgana, B. Automation, storage and photovoltaic generation to smooth the load diagram 8767
Messina, N. *see* Cali, A. 8879
Messina, N.A. *see* Katulka, G.L. 33859
Messing, L. *see* Erenshteyn, R. 59820
Messler, P., Harz, H., Uhl, R. Instrumentation for multiwavelengths excitation imaging 28245
Mest, Y.Le *see* Le Mest, Y.
Mestcherjakov, V. *see* Kapustin, V. 19907
Mestdagh, D. *see* Van Der Plas, G. 47426
Meste, O. *see* Bataillou, E. 49740
Mester, J. *see* Buchman, S. 7545
Mester, R. *see* Hotter, M. 15534
Mesters, S. *see* Hollaender, B. 54053
Mestric, R., Renaud, M., Bachmann, M., Martin, B., Gaborit, F. Design and fabrication of 1.31-1.55-μm phased-array duplexer on InP 47946
Mesturino, M. *see* Bomitali, E. 26368
Meswania, J.M. *see* Taylor, S.J.G. 37877
Mesyats, G.A. Ecton processes at the cathode in a vacuum discharge 23217
Mesyats, G.A. *see* Barengolts, S.A. 23224
Meszaros, Z. *see* Hine, N. 6172
Met, A. *see* Skubis, T. 27290
Metaal, E.G. *see* Van der Tol, J.J.G.M. 23567
Metaal, E.G. *see* Van Der Tol, J.J.G.M. 44026
Metaal, E.G. *see* Vreeburg, C.G.M. 26871
Metag, V. *see* Novotny, R. 59270
Metag, V. *see* Schicker, R. 18140
Metaxas, A.C. *see* Neophytou, R.I. 61340
Metaxas, D. *see* Dickinson, S.J. 46313
Metaxas, D. *see* Kakadiaris, I. 46413
Metaxas, N. *see* Dibben, D.C. 45334
Metaxas, R. *see* Dibben, D.C. 44880
Metcalf, E.T. YNPS main coolant system decontamination 19497
Metcalf, K.J. *see* Hague, L.M. 18712
Metcalfe, I.S. *see* Zheng, K. 29626
Metcalfe, J.G. *see* Rudan, M. 12852
Metcalfe, L. *see* Cesarsky, C.J. 36548
Metcalfe, N.E. *see* Elliott, C.T. 698
Metcalfe, N.E. *see* Elliott, C.T. 7320
Metcalfe, N.E. *see* Maxley, C.D. 700
Metcalfe, P.E. *see* Butson, M.J. 37904
Meteniowska, B. *see* Frackowiak, E. 9486
Meter, R.Van *see* Van Meter, R.
Metes, P. *see* Denes, L.J. 55341
Metev, B.S., Yordanova-Markova, I.T. Multi-objective optimization over convex disjunctive feasible sets using reference points 52511
Metge, J. *see* Chumakov, A.I. 37547
Meth, R., Chellappa, R. Automatic classification of targets in synthetic aperture radar imagery using topographic features 6900
Meth, R., Chellappa, R. Target indexing in synthetic aperture radar imagery using topographic features 26966
Metivier, G. *see* Ali, M.A. 58384
Metivier, P. *see* Alvarez, R.T. 52164
Metlay, M.P., Riley, L.A., Cottle, P.D., Jewell, J.K., Kemper, K.W. Zero degree detector for conversion-electrons from a heavy-ion-induced reaction 37530
Metlushko, V.V. *see* Bruynseraede, Y. 32920
Metra, C., Favalli, M., Ricco, B. Tree checkers for applications with low power-delay requirements 32556
Metra, C., Favalli, M., Ricco, B. Compact and highly testable error indicator for self-checking circuits 36436
Metra, P. *see* Scudiere, J.D. 60402
Metral, F. *see* Maleville, C. 42291
Metral, F. *see* Moriceau, H. 22554
Metrat, G. *see* Poinard, F. 55501
Mets, A. *see* Krohm, F. 1055
Metsalaar, J.W. *see* Kuznetsov, V.I. 862
Metsch, K. Embedding the linear structure of planar spaces into projective spaces 40036
Metsik, M.S., Novikov, G.K. Electret effect in mica crystals and mica papers 54983
Metsik, M.S., Shcherbachenko, L.A. Surface conductivity of mica crystals 54982
Metsunaga, H. *see* Kijima, T. 52805
Metter, E.J. *see* Van Gils, M.J. 59717
Metternich, W. *see* Hellendoorn, H. 46627
Mettler, B. *see* Kothare, M.V. 50725
Mettus, N.V. *see* Lukishova, S.G. 14230
Metwally, I.A. Investigation of corona phenomenon for a reduced-scale model of hybrid AC and DC lines 50568
Metwally, L.A. Electrostatic charging and modeling of aqueous sprays and fission of droplets 33840
Metz, A. *see* Verbeek, M. 39216
Metz, C.E. *see* Hoffmann, K.R. 37652
Metz, J. *see* Iwanczyk, J.S. 37343
Metz, J.L., McKnight, D.J., Narayanswamy, R., Stewart, R.J., Johnson, K.M. Smart pixel array for optical processing of cervical smears 37729
Metz, J.L., Narayanswamy, R., Stewart, R.J., Johnson, K.M. Optoelectronic region of interest detection in monolayer cervical smear slides 37619
Metz, M., Schneider, M., Haberli, A., Baltes, H. Offset reduction in multicollector magnetotransistors 48485
Metz, M. *see* Aouda, N. 51352
Metz, M. *see* Saoud, S.B. 9185
Metz, M. *see* Schneider, M. 48484
Metzdorf, J. *see* Osterwald, C.R. 39167
Metzger, I. *see* Doler, W. 37647
Metzger, J. Interference reduction circuit for digital-to-analogue converter circuits 1517
Metzger, R. *see* Hetzel, P. 36938
Metzger, R.J. Scannerless imaging laser radar for unmanned air vehicle applications 58479
Metzger, R.L. *see* Van Riper, K.A. 8218
Metzger, S. *see* Buchner, S. 23012
Metzger, T. *see* Ambacher, O. 10776
Metzger, T. *see* Ambacher, O. 21282
Metzger, T. *see* Ambacher, O. 40451
Metzger, T. *see* Fischer, R.A. 40338
Metzl, R. *see* Darwish, A.M. 24272
Metzler, P., Weiss, P., Plaksin, E. Current measuring in a new ignition system 39349
Metzner, L. *see* Herzberger, J. 560
Meucci, F. *see* Poggi, G. 18118
Meucci, R. *see* Taggiasco, C. 13966
Meucci, R. *see* Voegelin, M.R. 7966
Meuleman, L., Wang, X., Blondel, M. Gain-switched DFB lasers as soliton sources for high bit rate, long distance transmissions 6739
Meuleman, L. *see* Foursa, D. 44384
Meuleman, L. *see* Wang, X. 44747
Meulen, E.C.Van der *see* Van der Meulen, E.C.
Meunier, A. *see* Bossis, G. 10973
Meunier, B. *see* Deparis, J.P. 25504
Meunier, B. *see* Khoudour, L. 57493
Meunier, B. *see* Kitamura, M. 43613
Meunier, F., Meunier, J. Radar image modeling: a 3D spectral domain approach 26990

Meunier, G. *see* Body, C. 43611
Meunier, G. *see* Body, C. 43722
Meunier, G. *see* Body, C. 43724
Meunier, G. *see* Luong, H.T. 44951
Meunier, I., Bunel, P., Soubrane, G., Gaudaire, M., Coscas, G. Computerized detection of macular non-perfusion on digitized angiography in retinal vascular diseases 28258
Meunier, J. *see* Boujida, M. 49982
Meunier, J. *see* Cheriet, F. 49438
Meunier, J. *see* Meunier, F. 26990
Meunier, J.-P. *see* Pelissier, S. 23521
Meunier, J.-P. *see* Sharma, E.K. 44050
Meunier, M., Izquierdo, R., Shen, B., Lecours, A., Allard, M., Bergeron, A., Hanus, F., Boughaba, S., Ivanov, D., Currie, J.F., Laude, L., Yelon, A. Applications of laser processing for sensors and actuators 17581
Meunier, M. *see* Allard, M. 44839
Meunier, M. *see* Assef, Y. 50531
Meunier, M. *see* Boughaba, S. 12788
Meunier, M. *see* Popovici, D. 42732
Meunier, R., Vaillancourt, G.H. Propagation behaviour of acoustic partial discharge signals in oil-filled transformers 29371
Meunier, R. *see* Berthet, L. 8946
Meuniti, D. *see* Gaudioso, M. 19189
Meur, J.Le *see* Le Meur, J.
Meuris, M., Izumi, H., Kubo, K., Ojima, S., Ohmi, T., Heyns, M.M. Determination of the H-passivation build-up time in DHF-treatments 42475
Meuris, M. *see* Elsmore, C. 42464
Meuris, M. *see* Mouche, L. 32328
Meuris, M. *see* Teerlinck, I. 1987
Meuris, M. *see* Teerlinck, I. 2363
Meuris, M. *see* Teerlinck, I. 42561
Meuris, P., Meyer-Vernet, N., Lemaire, J.F. The detection of dust grains by a wire dipole antenna: the radio dust analyzer 27125
Meuris, P. *see* Van Alme, G. 20958
Meusel, E. *see* Kuechenmeister, F. 39781
Meusel, E. *see* Rzepka, S. 20908
Meusel, J. *see* Stolzer, M. 30948
Mewalli, S.M. *see* Badawi, H.S. 650
Mewbourne, D. *see* Knox, D. 59921
Mewes, H., Wolf, F., Haseborg, J.L.T. High resolution direction finding algorithms–applications in the HF band 36285
Mey, G.De *see* De Mey, G.
Mey, P.De *see* De Mey, P.
Meydan, T. *see* Nicholson, P.I. 27843
Meydan, T. *see* Powell, A. 7246
Meydan, T. *see* Sievert, J. 23324
Meyer, A. *see* Bamberger, A. 7787
Meyer, A. *see* Bamberger, A. 37358
Meyer, A.S. *see* West, N.A. 28879
Meyer, B., Cannata, R., Stout, A., Gin, A., Taylor, P., Woodbury, E., Deffner, J., Ennerson, F. Amber's uncooled microbolometer LWIR camera 17486
Meyer, B., Popien, C. Flexible management of ANSAware applications 5974
Meyer, B., Zhang, S., Scholz, F. The quantitative analysis of mixed crystals CuS_xSe_{1-x} with abrasive stripping voltammetry and a redetermination of the solubility product of CuSe and the standard potential of the Cu/CuSe electrode 48994
Meyer, B. *see* Biehl, I. 4549
Meyer, B. *see* Glatz-Reichenbach, J. 943
Meyer, B. *see* Sancha, J.L. 50300
Meyer, B. *see* Spaniol, O. 16332
Meyer, B.K. *see* Cremades, A. 31823
Meyer, B.K. *see* Fischer, S. 847
Meyer, B.K. *see* Heitz, R. 41971
Meyer, B.K. *see* Hofmann, D.M. 31816
Meyer, B.K. *see* Son, N.T. 31889
Meyer, B.K. *see* Veprek, S. 40433
Meyer, C. *see* Gupta, A.D. 8586
Meyer, C. *see* Ohlhoff, C. 44714
Meyer, C. *see* Pfeifer, T. 58968
Meyer, C. *see* Sonuparlak, B. 52268
Meyer, C.D. *see* Campbell, S.L. 10481
Meyer, C.H. *see* Newton, R.A. 38572
Meyer, C.R. *see* Kim, B. 15995
Meyer, D., Boutaghou, Z.-E., Bo Wei Proximity recording–the concept of self-adjusting fly heights 32836
Meyer, E. *see* Schneider, J.D. 7708
Meyer, E.A. *see* Sherman, J.D. 49174
Meyer, F., Mamor, M., Aubry-Fortuna, V., Warren, P., Bodnar, S., Dutartre, D., Regolini, J.L. Schottky barrier heights on IV-IV compound semiconductors 12553
Meyer, F., Vincent, M. Time transfer using TV satellite TC2A 36934
Meyer, F. *see* Dorsch, W. 10912
Meyer, F. *see* Guillemot, P. 27373
Meyer, F. *see* Marques, F. 15901
Meyer, F. *see* Salembier, P. 35181
Meyer, F.G., Coifman, R.R. Directional image compression with brushlets 35363
Meyer, F.G., Coifman, R.R. Adaptive directional image compression with oriented wavelets 56800
Meyer, F.J. *see* Huang, W.K. 21620
Meyer, F.J.C., Davidson, D.B. Adaptive-mesh refinement of finite-element solutions for two-dimensional electromagnetic problems 4244
Meyer, F.M., Harpold, E.A., Blanton, R.B., Hopper, D.G. High-performance applications of light valve device displays 17630
Meyer, G. *see* Biewald, H. 20778
Meyer, G.A. *see* Brungart, T.A. 19714
Meyer, G.J. *see* Cao, F. 33230
Meyer, H. *see* Krawczynski, H. 37287
Meyer, H. *see* Mahlkow, H. 11949
Meyer, H.-G. *see* Romanus, E. 48282
Meyer, H.-G. *see* Wende, G. 27231
Meyer, H.De *see* De Meyer, H.
Meyer, H.M. Helicopter testing using the PC-based MFI 90 flight test instrumentation system 8237
Meyer, J., Mills, J.A. Demonstration of a combined filter to improve the field uniformity of a 90 kV superficial X-ray therapy machine for different treatment field sizes 59777
Meyer, J.-P., Schlettwein, D. Influence of central metal and ligand system on conduction type and charge carrier transport in phthalocyanine thin films 22294
Meyer, J.-U. *see* Haeusler, A. 27713
Meyer, J.A. *see* Ditizio, R. 54469
Meyer, J.R., Hoffman, C.A., Antoszewski, J., Faraone, L. Quantitative mobility spectrum analysis of multicarrier conduction in semiconductors 42149
Meyer, J.R., Hoffman, C.A., Bartoli, F.J., Antoszewski, J., Faraone, L., Tobin, S.P., Norton, P.W., Ard, C.K., Reese, D.J., Colombo, L., Liao, P.K. Advanced magneto-transport characterization of LPE-grown $Hg_{1-x}Cd_xTe$ by quantitative mobility spectrum analysis 7562
Meyer, J.R. *see* Cho, S. 54230
Meyer, J.R. *see* Grun, J. 42360
Meyer, J.R. *see* Hoffman, C.A. 44069
Meyer, J.R. *see* Malin, J.I. 3891
Meyer, J.R. *see* Vurgaftman, I. 12499
Meyer, J.R. *see* Vurgaftman, I. 23979
Meyer, J.T. *see* Kim, R.Y. 28412
Meyer, K.De *see* De Meyer, K.
Meyer, K.E. *see* Espinosa, G. 7825
Meyer, K.L., Kim, K., Tao Li, Tulipano, P.K., Kyoung-Min Loe, DeLaPaz, R., Hirsch, T., Ballon, D. Sensitivity-enhanced echo-planar MRI at 1.5 T using a 5×5 mesh dome resonator 7990
Meyer, K.M.De *see* De Meyer, K.M.
Meyer, M. *see* Hotter, M. 15534
Meyer, M. *see* Rosala, F. 3322
Meyer, M.-L. *see* Oriat, L. 49848
Meyer, M.J., Jacobson, T., Palamara, M.E., Kidwell, E.A., Richton, R.E., Vannucci, G. Wireless enhanced 9-1-1 service – making it a reality 47740
Meyer, M.P. *see* Carson, R.R., Jr 25235
Meyer, N.von *see* von Meyer, N.
Meyer, O. *see* Belhadj-Tahar, N. 48851
Meyer, O. *see* Knierim, A. 32900
Meyer, R. Fabrication procedure for metallic microtips 31705
Meyer, R. *see* Kuhlmann, B. 39210
Meyer, R., Jr., Yoshikawa, S., Shrout, T. Sol-gel derived PZT fibers–development and limitations 2930
Meyer, R.G. *see* Charbon, E. 11114
Meyer, S., Ostrogorsky, A.G. Interface shape in the vertical Bridgman configuration with and without the submerged heater 10648
Meyer, S., Ostrogorsky, A.G. Forced convection in vertical Bridgman configuration with the submerged heater 30732
Meyer, S., Scholz, F., Trittler, R. Determination of inorganic ionic mercury down to $5 \cdot 10^{-14}$ mol l^{-1} by differential-pulse anodic stripping voltammetry 48993
Meyer, S., Steck, D. A technology-, cost- and time-based comparison of MCM substrate alternatives based on an international survey 12033
Meyer, S. *see* Becks, K.H. 59228
Meyer, S. *see* Wellegehausen, B. 14293
Meyer, S.S. *see* Fixsen, D.J. 17008
Meyer, S.S. *see* Staggs, S.T. 27124
Meyer, T., Nicati, P.-A., Robert, P.A., Varelas, D., Limberger, H.-G., Salathe, R.P. Reversibility of photoinduced birefringence in ultralow-birefringence fibers 3370
Meyer, T., Nicati, P.A., Robert, P.A., Varelas, D., Limberger, H.-G., Salathe, R.P. Birefringence writing and erasing in ultra-low-birefringence fibers by polarized ultraviolet side-exposure: origin and applications 55209
Meyer, T., Von Kanel, H. Study of interfacial point defects by ballistic electron emission microscopy 52639
Meyer, T. *see* Lohner, A. 9135
Meyer, T. *see* Rau, U. 39207
Meyer, T. *see* Sirringhaus, H. 32072
Meyer, T.A. *see* Newton, R.A. 38572
Meyer, Th. *see* Bunner, M.J. 1172
Meyer, V. *see* Suran, G. 3087
Meyer, W.E. *see* Barnard, W.O. 12549
Meyer, W.E. *see* Johnson, C.R., Jr. 6488
Meyer, Y. *see* Auslander, L. 24984
Meyer, Y. *see* Coifman, R.R. 56252
Meyer Auf Der Heide, F., Scheideler, C. Deterministic routing with bounded buffers: turning offline into online protocols 5870
Meyer auf der Heide, F., Schroder, K., Schwarze, F. Routing on networks of optical crossbars 16248
Meyer-Base, A. Realization of a neuronal hardware with digital signal processor and programmable gate arrays 41381
Meyer-Base, U. Coherent demodulation with FPGAs 14785
Meyer-Base, U. The Hutlets – a biorthogonal wavelet-family: efficient implementation with multiplier-free, perfect reconstruction, quadrature mirror filter 45925
Meyer-Bise, U. Convolutional error decoding with FPGAs 14862
Meyer-Hilberg, J. An integrated navigation system for automatic landings with DGPS and INS and its test in practice 48189
Meyer-Lindenberg, A. The evolution of complexity in human brain development: an EEG study 49586
Meyer-Piening, H.-R. *see* Tatasciore, P. 14416
Meyer-Vernet, N. *see* Meuris, P. 27125
Meyere, A.De *see* De Meyere, A.
Meyerhofer, D.D. *see* Bamber, C. 55579
Meyerhofer, D.D. *see* Ditmire, T. 14274
Meyerhofer, D.D. *see* Konoplev, O.A. 14078
Meyerhofer, D.D. *see* Kotseroglou, T. 33602
Meyers, C. *see* Eberle, T. 31165
Meyers, J. Redefining wireless [personal communication services] 6597
Meyers, J. The digital challenge [wireless networks] 16525
Meyers, J. Wireless workhorses 16543
Meyers, J. Consolidate and conquer [wireless telecommunications networks] 26575
Meyers, P.V., Phillips, J.E. Stress testing of CdTe solar cells 39063
Meyers, P.V. *see* Qu, Y. 39122
Meyersdorf, D. Productivity improvement through industrial engineering in the semiconductor industry 39744
Meyersdorf, D. *see* Padillo, J.M. 39719
Meyerson, B. *see* Ahlgren, D.C. 43253
Meyerson, B. *see* Dubbelday, W.B. 43258
Meyerson, B.S. *see* Adesida, I. 43131
Meyerson, B.S. *see* Arafa, M. 13027
Meyerson, B.S. *see* Dunford, R.B. 54149
Meyerson, B.S. *see* Sunderland, D.A. 22777
Meygret, A., Leger, D. In-flight refocusing of the SPOTi HRV cameras 18798
Meyn, J.-P. *see* Braun, B. 3800
Meyn, S.P. Convergence of the policy iteration algorithm with applications to queueing networks and their fluid models 30443
Meynants, G. *see* Krymski, A. 15434
Meynants, G. *see* Krymski, A. 17471
Meynants, G. *see* Scheffer, D. 37888
Meynants, G. *see* Van Haute, S. 61126
Meynard, T. *see* Carrere, P. 51158
Meynard, T. *see* Davancens, P. 51112
Meynard, T. *see* Davancens, P. 51113
Meynard, T. *see* Loudot, S. 50546
Meynart, R. *see* Saint-Pe, O. 49977
Meynen, G. *see* van Tichelen, P. 39388
Meyr, H. *see* Bitterlich, S.J. 31292
Meyr, H. *see* Lambrette, U. 46529
Meyr, H. *see* Moeneclaey, M. 25804
Meyr, H. *see* Vaupel, M. 35552
Meyrueis, P. *see* Ramenah, H. 13563
Meyrueis, P. *see* Takakura, Y. 48906
Meysenc, L., Saludjian, L., Bricard, A., Rael, S., Schaeffer, C., Wagner, D. A high heat flux IGBT micro exchanger setup 31087
Meyyappan, M. *see* Mathad, G.S. *(editor)* 51994
Meza, J.C. *see* Tong, C.H. 52949
Meza Medina, J.L. *see* Tijerina Araiza, A. 9263
Meza-Montes, L., Carrillo, J.L., Rodriguez, M.A. Energy exchange rates in resonant tunneling transport in semiconductor systems 22190
Mezentsev, N.A. *see* Ando, A. 7771
Mezher, K.A., Bowron, P. Noise analysis for high-order active filters 53411
Mezher, K.A. *see* Bowron, P. 31368
Mezincescu, G.A. *see* Balian, R. 2100
Mezincescu, G.A. *see* Bessis, D. 42207
Mezouar, M. *see* Besson, J.M. 22246
Mezzanotte, P. *see* Ciampolini, P. 11141
Mezzetti, F. *see* Lo Bianco, G. 19644
Mfonkeu, G. *see* Kim, K.S. 51774
Mgebrishvili, G.M. *see* Akimov, V.A. 28024
Mhaisalkar, S. *see* Yeo, C.K. 236
Mhaisalkar, S. *see* Yeo, C.K. 22026
Mhango, L.M.C. Experimental study of a novel circular armature DC linear motor with rare-earth magnet excitation 19766
Mhango, L.M.C., Perryman, R. Calculation of core losses in high energy density brushless DC motors 19763
Mhatre, M.P., Athani, B.D. Rehabilitation through affordable technology–environmental control 8164
M'hiri, R., Dakhli, R., Ksouri, M., Mili, L. Simulator of phasor measurements in power systems 60446
Mi Jian *see* Jian Mi
Mi Jie *see* Jie Mi
Mi Lu *see* Nagumo, H. 5337
Mi Weigun *see* Weigun Mi
Mi Young Kwak *see* Tae Ho Kim 22573
Mi-Chang Chang *see* Amerasekera, A. 43084
Mi-Chang Chang *see* Dixit, G.A. 2442
Mi-Chang Chang *see* Liu, W. 43056
Mi-Ching Tsai *see* Tsung-Lieh Hsien 50933
Mi-Kyung Lee *see* Ok Kim 23227
Mi-Ran Hong *see* Sam-Dong Kim 42541

Mi-Sook Chung, Suk Kang, Jae-Ho Choi, Hoon-Sung Kwak New multiresolution motion estimation for wavelet transform video coding 57054
Miah, B., Cuthbert, L. An economic ATM passive optical network 47435
Miah, H.A., Lagonotte, P., Trigeassou, J.C. Modelling and recursive identification of parameters of saturated induction machines 60752
Miake, Y. *see* Chujo, T. 37284
Mialhe, P. *see* Farah, J. 9553
Mialhe, P. *see* Pelanchon, F. 51585
Miallier, D. *see* Sanzelle, S. 8187
Mian, A.M. *see* Hazra, T.K. 6706
Mian, G.A. *see* Bernardini, R. 4644
Mian, G.A. *see* Calvagno, G. 56690
Mian, G.A. *see* Cortelazzo, G. 5465
Miane, J.L. *see* Aviles, C.D. 17743
Miano, G., Mocella, V., Verolino, L. Electromagnetic waves dynamics in a nonlinear dielectric slab by the method of characteristics 45061
Miano, G., Serpico, C., Visone, C. A new model of static scalar hysteresis 23318
Miano, G. *see* de Magistris, M. 59141
Mianowski, K. Parallel manipulator with six degrees of freedom 9629
Mianyun Chen *see* Chen Mianyun
Mianzeng Su *see* Wei Chen 23667
Mianzeng Su *see* Wei Chen 44225
Mianzeng Su *see* Su Mianzeng
Miao, C. *see* Arai, Y. 37267
Miao, C. *see* Arai, Y. 37268
Miao, J., Tiginyanu, I.M., Hartnagel, H.L., Irmer, G., Monecke, J., Weiss, B.L. The characteristics of high-resistance layers produced in n-GaAs using MeV-nitrogen implantation for three-dimensional structuring 32142
Miao, J., Weiss, B.L., Hartnagel, H.L., Wilson, R.J., Ruck, D. The fabrication of complex membrane structures in n-GaAs for micromechanical applications 12284
Miao, W.F., McCormick, P.G., Street, R. High magnetic performance in a two-phase NbDyFeCoB alloy 43621
Miao, Y.B. *see* Yoon, S.F. 10738
Miao, Y.B. *see* Yoon, S.F. 31812
Miao, Z. *see* McNeill, S.R. 48872
Miao Jiansu, Fu Fenglin Automatic recognition of communication signal using RBF networks 46428
Miao Jianwei *see* Jianwei Miao
Miao Xin *see* Xin Miao
Miao Xinghua *see* Bai Qinglan 17474
Miao Yang *see* Yanqiu Li 44773
Miao Yang *see* Yang Miao
Miao Zhang *see* Zhang Miao
Miao Zhenjiang *see* Anukhin, I.P. 45438
Miao Zhongli *see* Wang Jing 774
Miao-Ling Wang *see* Hsiao-Fan Wang 30520
Miaoulis, I.N. *see* Hoppert, J.B. 22490
Miaris, G. *see* Zaharis, Z. 26584
Mias, C. *see* Freni, A. 33929
Miayabayashi, K. *see* Aulchenko, V.M. 37247
Mibu, K., Nagahama, T., Shinjo, T. Reversible magnetization process and magnetoresistance of soft-magnetic (NiFe)/hard-magnetic (CoSm) bilayers 32825
Micallef, R.W., Kivshar, Y.S., Love, J.D. All-optical switching and beam self-focusing in nonlinear singlemode Y-splitters 24146
Micchelli, C.A. On a family of filters arising in wavelet construction 56423
Micchelli, C.A., Xu, Y. Reconstruction and decomposition algorithms for biorthogonal multiwavelets 45862
Micchelli, C.A. *see* Gori, L. 10430
Miccoli, G. *see* De Luigi, F. 15270
Micek, P. *see* Tondos, M. 9466
Miceli, J. *see* McFarlane, J. 16674
Miceli, V. *see* Platonenko, V.T. 14395
Michael, E., Stutzki, J. A compact FIR ring laser with open resonator and variable output coupling 13947
Michael, G.T. *see* Damarla, T.R. 11394
Michael, J.R. *see* Myers, S.M. 31750
Michael, L.B., Nakagawa, M. Multi-hop for inter-vehicle communication over multiple lanes 26377
Michael, N., Arrathoon, R. Optoelectronic pipeline architecture for morphological image processing 55342
Michael, W. *see* Dadi, S. 54868
Michaeli, L. *see* Grimaldi, D. 1534
Michaeli, L. *see* Daponte, P. *(editor)* 9786
Michaelides, A., Pollock, C. Reduction of noise and vibration in switched reluctance motors: new aspects 29278
Michaelides, A., Pollock, C., Jolliffe, C. Analytical computation of minimum and maximum inductances in single and two phase switched reluctance motors 50944
Michaelides, A.M., Pollock, C. Design and performance of a high efficiency, five-phase switched reluctance drive 61127
Michaelides, S., Sitaraman, S.K. Thermo-mechanical design of flip chips for harsh environments 9694
Michaelis, B., Schnelting, O., Seiffert, U., Mecke, R. Adaptive filtering of distorted displacement vector fields using artificial neural networks 15540
Michaelis, B., Schnelting, O., Seiffert, U., Mecke, R. Motion estimation using a compounded self-organizing map-multi layer perceptron network 57545
Michaelis, B. *see* Lilienblum, T. 15539
Michaelis, B. *see* Schunemann, S. 15989
Michaelis, D. *see* Shipulin, A. 47961
Michaelis, G. *see* Kubert, C. 8984
Michaelis, H. Will nuclear power stations be decommissioned before their time? A response to the study by the Wuppertal Institute 19452
Michaelis, M. *see* Herpers, R. 5344
Michaels, C.A. *see* Tapalian, H.C. 55506
Michaels, K.W. *see* Hanson, D.A. 2775
Michaels, R.A., Desjardins, D.D., Daniels, R., Hopper, D.G. Applications of AMLCDs in U.S. military cockpits 18626
Michaelsen, C., Mirman, B. Impact of design and process parameters on deformation of thin PWBs 11888
Michailov, V.A. *see* Korotchenkov, G.S. 42275
Michal, R. *see* Behrens, V. 11825
Michal, R. *see* Freudenberger, R. 11989
Michalak, F.M., Owen, J.R. Parasitic currents in electrochromic devices 23587
Michalak, S. Gandalf stakes on development of access network 6361
Michalcak, O. *see* Ondris, L. 60500
Michalek, A. *see* Ohlidal, I. 7639
Michalek, J. Robust methods in exponential smoothing 15218
Michalewicz, M. *see* Michalewicz, Z. 30512
Michalewicz, Z., Michalewicz, M. Evolutionary computation: main paradigms and current directions 30512
Michalewicz, Z. *see* Hinterding, R. 10388
Michalke, N. *see* Buchner, P. 19841
Michalke, W. *see* Burnus, M. 17377
Michalopoulou, Z.-H., Porter, M.B. Matched-field processing for broad-band source localization 18864
Michalopoulou, Z.-H., Porter, M.B. Focalization in the Gulf of Mexico 28658
Michalopoulou, Z.-H. *see* Porter, M.B. 16989
Michalowsky, L., Erdt, B.M. Inductive construction elements for ISDN interfaces 58043
Michalski, K.A., Mosig, J.R. Multilayered media Green's functions in integral equation formulations 45042
Michalski, K.A. *see* Rius, J.M. 55997
Michalski, M. *see* Kapron, H. 19584
Michalski, M.M. Regulation in Polish telecommunications: commitment, incentives, and outcomes 25997
Michalski, Z. *see* Wojciechowski, J. 11160
Michalson, W. *see* Woltereck, M. 33914
Michalzik, R. *see* Ebeling, K.J. 3886
Michalzik, R. *see* Jager, R. 33528
Michalzik, R. *see* Wiedenmann, D. 33517
Michalzik, R. *see* Zheng Dai 23990
Michaud, F.D. *see* Byrd, D.A. 17177
Michaud, G. *see* Favre, F. 47963
Michaud, M. *see* Nuccio, P. 61018
Michaels, R.H. *see* Pern, F.J. 39165
Michel, A. *see* Schwarzacher, W. 43656
Michel, A.N. *see* Pai, M.A. 50392
Michel, B. *see* Dudek, R. 39783
Michel, B. *see* Schubert, A. 30268
Michel, C., Cresson, P.-Y., Dubois, L., Chive, M., Pribetich, J. Design and modeling of microstrip-microslot applicators with several patches and apertures for microwave hyperthermia 37855
Michel, C. *see* Blair, D.G. 33204
Michel, C. *see* Defrise, M. 49502
Michel, C. *see* Thiran, J.-P. 59509
Michel, E. *see* Krizan, P. 59293
Michel, E.G. *see* Mascaraque, A. 54243
Michel, E.G. *see* Segovia, P. 22623
Michel, F. Oscillating rivers 30424
Michel, G. *see* Centeno, V. 28935
Michel, G. *see* Pokam, M.R. 47380
Michel, G.L. *see* Udren, E.A. 38417
Michel, H.E., Awwal, A.A.S. Noise and cross talk study in an optical neural network 3510
Michel, J., Nandhakumar, N., Velten, V. Thermophysical algebraic invariants from infrared imagery for object recognition 25622
Michel, J. *see* Grossman, R. 36480
Michel, J. *see* Norga, G.J. 42567
Michel, J. *see* Rodriguez-Viejo, J. 54089
Michel, J. *see* Sachs, T. 7304
Michel, J.B. *see* Van Uffelen, M. 58780
Michel, J.D. *see* Nandhakumar, N. 25631
Michel, L., Labarrere, M., Gafsi, R., Malki, A., Lecoy, P. Impact detection and vibration sensing for material composite structures by integrated optic fibre sensors 17428
Michel, M., Forchel, A., Faller, F. Length quantization in $In_{0.13}Ga_{0.87}As/GaAs$ quantum boxes with rectangular cross section 22398
Michel, O., Flandrin, P. Application of methods based on higher-order statistics for chaotic time series analysis 4771
Michel, T.A. *see* Pappas, T.N. 56766
Michel. G.L. *see* Udren, E.A. 38418
Michelato, P. *see* Calabretta, L. 49145
Michelato, P. *see* di Bona, A. 59184
Micheli, E.De *see* De Micheli, E.
Micheli, G.De *see* De Micheli, G.
Micheli, M.De *see* De Micheli, M.
Micheli, M.P.De *see* De Micheli, M.P.
Micheli-Tzanakou, E. *see* Sheikh, H. 7904
Michelini, R.C., Rossi, G.B. Computer aided testing and confirmation for strain measurement instrumentation 17196
Michell, G.De *see* De Michell, G.
Michell, J.A. *see* Garcia, J. 15445
Michelmann, K., Feurer, T., Fernsler, R., Sauerbrey, R. Frequency resolved optical gating in the UV using the electronic Kerr effect 14252
Michelon, P. *see* Van-Dat Cung 52520
Michelotti, F. *see* Gabler, T. 43878
Michelotti, F. *see* Montenero, A. 831
Michels, J.G. *see* Stone, R.J. 13835
Michels, J.G. *see* Stone, R.J. 42206
Michels, J.H. *see* Roman, J.R. 49618
Michels, J.P. *see* Doherty, J.F. 6478
Michels, M., Horster, P. Some remarks on a receipt-free and universally verifiable Mix-type voting scheme 4556
Michels, M., Horster, P. On the risk of disruption in several multiparty signature schemes 4571
Michels, M., Naccache, D., Petersen, H. GOST 34.10–a brief overview of Russia's DSA 24673
Michels, M. *see* Horster, P. 4491
Michels, R.M. *see* Sterkenburgh, T. 43985
Michelsen, M.W., Jr. GPS-equipped dogs go to the rescue 36064
Michelson, D. A data-driven method for calculating limits for particle control charts [IC manufacture] 43190
Michenaud, P.J. *see* Gillot, C. 54938
Michez, A. *see* Brisset, C. 22845
Michie, C., Culshaw, B., Thursby, G., Jin, W., Konstantaki, M. Optical sensors for temperature and strain measurement 17400
Michie, C., Culshaw, B., Thursby, G., Konstantaki, M., Turpin, M., Lecot, C., Noharet, B., Lequime, M., Vannotti, P., Vanucci, A., Lang, D., Kalb, P., Davidson, R., Roberts, S., Papadopoulos, P., Ikiadis, A., Chazelas, J., Bonniau, P., Herbst, T., Windisch, A. Optical Fibre Sensors for Monitoring of Structures (OSMOS) 17454
Michie, D. AI and the information society [CAI] 39611
Michie, W.C. Distributed sensing for intelligent civil engineering structures 27600
Michie, W.C., Thursby, G., Walsh, D., Culshaw, B., Konstantaki, M. Distributed sensing of physical and chemical parameters for structural monitoring 48953
Michie, W.C. *see* Culshaw, B. 7390
Michie, W.C. *see* Wei Jin 48632
Michiel, M.Di *see* Di Michiel, M.
Michielssen, E., Chew, W.C. The fast steepest descent path algorithm (FASDPA) for analyzing scattering from two-dimensional scatterers 34019
Michielssen, E., Chew, W.C., Weile, D.S. Genetic algorithm optimized perfectly matched layers for finite difference frequency domain applications 34030
Michielssen, E. *see* Aygun, K. 31479
Michielssen, E. *see* Basinger, S.A. 56896
Michielssen, E. *see* Cai-Cheng Lu 34016
Michielssen, E. *see* Weile, D.S. 34381
Michielssen, E. *see* Weile, D.S. 44858
Michielssen, E. *see* Weile, D.S. 45469
Michielssen, E. *see* Weng Cho Chew 45045
Michihira, M., Funaki, T., Matsu-ura, K., Ogasawara, K., Aihara, K., Nakaoka, M. Resonant pole-assisted soft switching DC-DC power converter with phase-shifted PWM scheme of active switches in transformer secondary-side 51310
Michihira, M., Nakaoka, M., Yonemori, H., Funaki, T., Kawasaki, Z.-I., Matsu-ura, K. A novel soft-switching PWM DC-DC converter with high-frequency transformer link and its open loop regulation characteristics 19847
Michinel, H. *see* de la Fuente, R. 24257
Michinishi, H., Yokohira, T., Okamoto, T., Inoue, T., Fujiwara, H. A test methodology for configurable logic blocks of a look-up table based FPGA 11415
Michinishi, H., Yokohira, T., Okamoto, T., Inoue, T., Fujiwara, H. A test methodology for interconnect structures of LUT-based FPGAs 53123
Michio, N. *see* Saechout, V. 50972
Michishita, K., Ishii, M., Hongo, Y. Lightning-induced voltage on an overhead wire influenced by a branch line 38421
Michishita, K. *see* Hongo, Y. 60423
Michishita, S. *see* Shimizu, Y. 27462
Michitsuji, Y. *see* Nakanishi, H. 58307
Michituji, Y. *see* Kuhara, Y. 58274
Michiura, M. *see* Katoh, J. 39364
Michizono, S., Saito, Y., Inagaki, A. Annealing effects on breakdown threshold of RF windows 22175
Michizono, S. *see* Fukuda, S. 37132
Michler, J. *see* Albrecht, M. 10778
Michler, J. *see* von Kaenel, Y. 30755
Michler, P., Hilpert, M., Reiner, G. Dynamics of dual-wavelength emission from a coupled semiconductor microcavity laser 55708
Michler, W. *see* Baake, B. 19137
Michna, J. Selected macroeconomic and regulative aspects of the telecommunications: competition and its technical and economic aspects 26006
Michna, J. Selected macroeconomic and regulative aspects of telecommunications: broadband integrated or dedicated networks? 46853

Michna, J. Selected macroeconomic and regulative aspects of the telecommunications. The economical issues of network interconnection within the telecommunications 57692
Michna, J. *see* Wudkiewicz, A. 16151
Michon, G. *see* Brown, D.M. 2841
Mick, U. *see* Witt, C. 40405
Micka, K. *see* Calabek, M. 29545
Micke, D. *see* Mandal, K. 1007
Mickelsen, B. *see* Olsen, R.W. 37563
Mickelson, A.R. Electronic and optoelectronic polymers 30278
Mickelson, A.R. *see* Goodwill, D.J. 55468
Mickevicius, S. *see* Battistoni, C. 7472
Mickevicius, S. *see* Battistoni, C. 58899
Miclea, C. *see* Tanasoiu, C. 43646
Micocci, G., Serra, A., Tepore, A., Capone, S., Rella, R., Siciliano, P. Properties of vanadium oxide thin films for ethanol sensor 48735
Micocci, G. *see* Manno, D. 31867
Micocci, G. *see* Rella, R. 58889
Micolano, F. *see* Donati, S. 17329
Micollet, D. *see* Daillant, G. 39856
Micollet, D. *see* Daillant, G. 46139
Micovic, M., Miller, D.L., Flack, F., Streater, R.W., Spring Thorpe, A.J. Iodine use in solid-source III-V molecular-beam epitaxy 735
Micovic, M. *see* Kochhar, R. 7361
Micovic, M. *see* Kochhar, R. 40428
Micovic, M. *see* Mitra, A. 7353
Micsik, A. *see* Kovacs, L. 6240
Micula, G. *see* Blaga, P. 30553
Middelhoek, S. *see* Chu, Z. 17257
Middelhoek, S. *see* Creemer, J.F. 22197
Middelhoek, S. *see* Dauderstadt, U.A. 36466
Middelhoek, S. *see* Vdovin, G. 44172
Middelhoek, S. *see* Vdovin, G. 54851
Middeljans, J. MPEG 2: The compatible surround sound system 17116
Middendorf, E. New electric locomotives: Deutsche Bahn AG's 101, 145 and 152-Series with three-phase traction 20144
Middlemast, I., Sarma, J., Spencer, P.S. Output characteristics of high power GaAs/GaAlAs double heterostructure rib-waveguide bow-tie lasers 44533
Middlemiss, J.J. *see* Parry, G.E. 60653
Middlesworth, E. ASIC packaging trends--a five year perspective 39802
Middleton, A. *see* Blaisdell, S. 20608
Middleton, B. *see* Casey, S. 55047
Middleton, B.K. *see* Loze, M.K. 3219
Middleton, B.K. *see* Tandon, A. 43700
Middleton, B.K. *see* Wilton, D.T. 13461
Middleton, C. Sustainability by design: education for the designed environment 30041
Middleton, D.P. *see* Vandormael, D. 32812
Middleton, N.T. Applying the continuous improvement process to engineering design in the laboratory 20708
Middleton, N.T., Branch, L.R. Experiential engineering management in collaborative graduate-undergraduate projects 20650
Middleton, N.T., Glaser, S., Gosink, J.P., Parker, T. An integrated engineering systems laboratory 20590
Middleton, P.G. *see* Nicholls, J.F.H. 10805
Middleton, P.G. *see* O'Donnell, K.P. 44223
Middleton, P.G. *see* Van der Stricht, W. 21276
Middleton, R.L. *see* Song, J. 19421
Middya, A.R., Guillet, J., Bouree, J.E., Perrin, J. Growth of polycrystalline silicon films at high deposition rate and low temperature by hot wire chemical vapour deposition 10913
Middya, A.R. *see* Hazra, S. 12181
Middya, A.R. *see* Hazra, S. 42007
Middya, A.R. *see* Hazra, S. 52783
Midford, T.A. *see* Chou, Y.C. 32449
Midford, T.A. *see* Chou, Y.C. 32450
Midford, T.A. *see* Li, G.P. 22889
Midford, T.A. *see* Wang, R. 31529
Midha, A., Murad, S.K., Weaver, J.M.R. Anisotropic pattern transfer of fine resist features to silicon nitride via an intermediate titanium layer 42818
Midkiff, C. *see* Parker, J. 20496
Mido, T., Asada, K. Crosstalk noise in high density and high speed interconnections due to inductive coupling 43243
Midon, M., Adjouadi, M., Fernandez, N., Duranza, S., Roig, G. Computer applications and information access for the visually impaired 6171
Midorikawa, Y., Hayano, S., Saito, Y. A thin film common mode noise filter and its evaluation by wavelet analysis 1558
Midorikawa, Y., Hayano, S., Saito, Y. A multi-resonant type inductor having notch filtering capability 1745
Midorikawa, Y., Hayano, S., Saito, Y. Basic studies of film transformer 31554
Midorikawa, Y., Hayano, S., Saito, Y. Evaluation of noise filter characteristics by discrete wavelet transformation 56448
Midrio, M., France, P., Crivellari, M., Romagnoli, M., Matera, F. Polarization-multilevel transmission systems with solitons 16753
Midrio, M. *see* Franco, P. 33688
Midttun, A., Bakken, B.E., Wenstop, F. Rational, emotional and normfollowing actors and liberal free trade in the Norwegian electricity market 50352
Midwinter, J.E. *see* Stavdas, A. 4154
Midwinter, J.E. *see* Stavdas, A. 26750
Midwinter, J.E. *see* Timofeev, F.N. 16767
Midwinter, J.E. *see* Timofeev, F.N. 48022
Midwinter, J.E. *see* Timofeev, F.N. 58338
Miear, A. *see* Ambacher, O. 21282
Mieckowski, A. *see* Torek, K. 42469
Miedzinski, B., Ji-Gao Zhang, Liang-Jun Xu Protective coatings for electric contacts 53723
Miedzinski, B., Zawislanski, J., Sakurai, H. Analysis of an effective magnetic field in a contact gap of a heavy loaded reed 41566
Miedzinski, B. *see* Cichon, M. 38912
Mieghem, P.Van *see* Van Mieghem, P.
Miehe, G. *see* Vogt, A. 22428
Miehe, J. *see* Handels, H. 37933
Miehe, J.A. *see* Eckert, C. 21520
Miehr, A. *see* Fischer, R.A. 40338
Mielczarski, W. Developing curricula for continuing education in energy engineering and management 20728
Mielle, P. Managing dynamic thermal exchanges in commercial semiconducting gas sensors 27721
Miellou, J.C. *see* Bahi, J. 577
Miellou, J.C. *see* El Baz, D. 16117
Mieno, T. *see* Samukawa, S. 12733
Mieno, Y., Shinohara, K., Minari, Y., Higashi, Y. Analysis of magnet configurations for high torque to current ratio in surface mounted permanent magnet synchronous motors 29254
Mier, M.G. *see* McGregor, D.S. 37313
Mierczyk, Z., Kaczmarek, S., Kopczynski, K., Frukacz, Z., Pracka, I., Lukasiewicz, T. Spectroscopic and laser properties of different materials doped with Pr^{3+} ions 14029
Mierczyk, Z. *see* Kaczmarek, S. 14028
Mierczyk, Z. *see* Kaczmarek, S. 14030
Mierczyk, Z. *see* Malinowski, M. 3735
Mierop, A. *see* Stoldt, H. 48230
Mierry, P.De *see* De Mierry, P.
Miesle, P. *see* Foster, C.C. 49269
Miesner, H.-J., Grieser, M., Grimm, R., Lauer, I., Luger, V., Merz, P., Peters, A., Schramm, U., Schwalm, D., Stoessel, M. Transverse laser cooling of a radio-frequency bunched ion beam in the storage ring TSR 37046
Mieth, P. *see* Sydow, A. 50224
Miettinen, J., Xu Zelin, Ailisto, H. Using TDI-camera with non-zero viewing angles for surface inspection 35146
Miettinen, J. *see* Aaltonen, M.V.P. 52107
Mietus, J. *see* Ivanov, P.Ch. 18414
Mifuji, N. *see* Shibahara, K. 43064
Migalia, G.R. *see* Emarah, A.S. 19179
Migalik, Y.Y. *see* Zavacky, J.O. 34822
Migas, D.B. *see* Filonov, A.B. 42009
Migaux, M.L., Cuomo, S., Marciano, F., De Caprio, L. Spontaneous variability of the QTc interval in healthy subjects 49635
Migdal, J., Taylor, M. Thief or benefactor? [Internet telephony] 46957
Migge, S., Bungs, M., Plieth, W. Electrochemical study on the anodic deposition of mixed Ni-Co-oxides 10827
Migitaka, M. *see* Ikeda, Y. 55893
Migitaka, M. *see* Maeda, Y. 55812
Migliaccio, M. *see* Coltelli, M. 28608
Migliaccio, M. *see* Franceschetti, G. 16863
Migliaccio, M. *see* Franceschetti, G. 48111
Migliaccio, M. *see* Franceschetti, G. 50119
Migliaccio, M. *see* Franceschetti, G. 58412
Migliaccio, M. *see* Franceschetti, G. 58438
Migliano, A.C.C., Stopa, C.R.S., Cardoso, J.R., Zgainski, F.X., Coulomb, J.L. Design and construction of a periodic magnetic structure of $SmCo_5$ magnets 43710
Miglio, L. *see* Goncalves-Conto, S. 52613
Miglio, L. *see* Serra, S. 12289
Miglioli, R. *see* de Feo, M. 58410
Migliorati, M. *see* Zobov, M. 49224
Migliorato, P. *see* Colalongo, L. 54628
Migliorato, P. *see* Lui, O.K.B. 54626
Migliorato, P. *see* Quinn, M. 17694
Migliorato, P. *see* Tallarida, G. 12984
Migliore, M.D. *see* Bucci, O.M. 33799
Migliore, P. *see* Muljadi, E. 19658
Migliore, P.G. *see* Miller, S. 29165
Mignanego, F., Sciomachen, A. Incentive strategies with threats in dynamic constrained-Stackelberg problems. A bilevel programming approach 10259
Mignani, A.G. *see* Brenci, M. 36628
Migneco, E. *see* Calabretta, L. 49145
Migneco, E. *see* Ciavola, G. 49283
Mignon Park *see* Hyuntae Kim 58992
Mignotte, C., Moretti, P., Lipinska-Kalita, K.E., Boulon, G., Mugnier, J. Fabrication by H^+ or He^+ ion implantation in lithium niobates and tantalates doped with rare earths and optical characterization 33085
Mignotte, M. *see* Schmitt, F. 27090
Migom, F. *see* Vetter, P.J. 13603
Migrov, Yu.A. *see* Afrov, A.M. 29036
Miguel, G.De *see* De Miguel, G.
Miguel, M.San *see* San Miguel, M.
Miguel, T. *see* Vinyes, J. 5843
Miguel, T.de *see* de Miguel, T.
Miguel Silveira, L., Kamon, M., Elfadel, I., White, J. A coordinate-transformed Arnoldi algorithm for generating guaranteed stable reduced-order models of RLC circuits 11101
Miguet, S. *see* Marion-Poty, V. 4964
Miguet, S., Montanvert, A., Ubeda, S. *(editors)* Discrete Geometry for Computer Imagery. 6th International Workshop, DGCI'96 Proceedings 29992
Migunov, A.O. *see* Pulkin, S.A. 24039
Migunova, I.I. *see* Ivanov, V.S. 8920
Migus, A. *see* Blanchot, N. 3952
Migus, A. *see* Boscheron, A.C.L. 14283
Migus, A. *see* Gamache, C. 33448
Mih, R. *see* Grassmann, A. 2525
Mih, R.D. *see* Brunner, T.A. 2512
Mihai, V. *see* Romero, J.R. 43544
Mihailescu, I.N. *see* D'Anna, E. 901
Mihailescu, M. *see* Dascalescu, L. 33804
Mihailescu, M. *see* Iuga, A. 39450
Mihailovic, M. *see* Skokljev, I. 19063
Mihalache, D., Mazilu, D., Crasovan, L.-C., Torner, L. Stationary walking solitons in bulk quadratic nonlinear media 55817
Mihalache, D., Mazilu, D., Crasovan, L.-C., Torner, L. Spatial solitons in nonlinear quadratic media: recent theoretical results 55887
Mihalache, O. *see* Savin, A. 31006
Mihalca, I., Ercuta, A., Zaharie, I., Jianu, A., Kuncser, V., Filoti, G. Annealing effects in amorphous $Fe_{77}Gd_3B_{20}$ ribbons 3065
Mihalcea, T. *see* Notingher, P.V. 1750
Mihalcescu, I. *see* Bassani, F. 12392
Mihalic, F., Milanovic, U. SPICE model of the HF resonant DC-AC converter 51344
Mihalic, F. *see* Milanovic, M. 38835
Mihalic, F. *see* Milanovic, M. 51150
Mihalic, R. System aspects of GTO-controlled series compensation 19280
Mihalic, R., Papic, I. Power transmission control using unified power flow controller 19188
Mihaljevic, M.J. A faster cryptanalysis of the self-shrinking generator 24808
Mihalovic, M. *see* Yassfy, A. 12720
Mihaly, S. *see* Fejes, I. 36302
Mihan, K.K., Stacey, B.J., Nakhla, M.S., Zhang, Q.-J. Concurrent thermal and electrical optimization of high-speed packages and systems 30231
Mihara, M., Terada, Y., Yamada, M. Negative heap pump for low voltage operation flash memory 1395
Mihara, M. *see* Hirose, M. 11683
Mihara, M. *see* Kitaura, Y. 43121
Mihara, T., Kawakami, H. Synchronization and chaos of coupled Duffing-Rayleigh oscillators 1167
Mihara, T., Mochizuki, S., Makabe, R. c-axis oriented $PbTiO_3$ thin films on MgO and their microstructure 694
Mihara, T. *see* Mochizuki, S. 52815
Mihara, Y. *see* Aoshima, Y. 9301
Mihashi, Y. *see* Takiguchi, T. 52656
Mihata, Y. *see* Yokozuka, T. 29308
Mihaylova, L. *see* Madjarov, N. 15219
Mihnea, A., Georgescu, S.S. Characterization of nonlinear substrate resistance in short-channel MOSFETs 12927
Mihocka, J.S. *see* Vogt, R.C. 36248
Mihoubi, M., Lavoie, M. Real-time update of a frequency dependant admittance matrix [power systems] 19075
Mii, K. *see* Senjyu, T. 39261
Mii, T. *see* Hamada, S. 9330
Mii, T. *see* Hamada, S. 51116
Mii, T. *see* Hirachi, K. 9365
Mii, T. *see* Hirachi, K. 50854
Mii, T. *see* Hirachi, K. 51147
Mii, T. *see* Muller, K.P. 41164
Miichi, Y. *see* Mimuro, T. 29866
Miike, H. *see* Fujimoto, T. 17856
Miike, H. *see* Kudo, T. 56974
Miikkulainen, R. *see* Goetz, P. 47856
Miin-Jong Hao, Wicker, S.B. The effect of error control coding in multichannel FSK coherent lightwave communication systems influenced by laser phase noise 16781
Miin-Zhih Shih *see* Jinn-Liang Liu 658
Mijailovic, S. *see* Ivkovic-Ivandekic, M.P. 19178
Mijailovic, S.V. *see* Popovic, D.P. 19232
Mijailovic, S.V. *see* Popovic, D.P. 60224
Mijalkovic, S. *see* Joppich, W. 13099
Mijanic, P. *see* Gubisch, A. 27308
Mijnarends, H., Blom, G. Restriction of harmonic currents due to power-electronic-drives and vapor discharge lamps 60189
Mijnheer, B.J. *see* Boellaard, R. 8206
Mijnheer, B.J. *see* Raaijmakers, C.P.J. 8109
Mika, F. *see* Kinder, R. 22307
Mikado, T. *see* Uedono, A. 54030
Mikaelian, A.L. Holographic optics and problems of interconnects 24262
Mikaelian, A.L., Gulanyan, E.H., Abakoumov, D.M., Ashurbekov, N.A. Holographic memory with data file overlapping 23456
Mikaelian, A.L., Ivanov, V.A., Kiselyov, B.S. Optoelectronic neural filtering of contour figure features 46113
Mikaelyan, G.T. *see* Adlivankin, A.S. 14163
Mikagi, K., Ishikawa, H., Usami, T., Suzuki, M., Inoue, K., Oda, N., Chikaki, S., Sakai, I., Kikkawa, T. Barrier metal free copper damascene

interconnection technology using atmospheric copper reflow and nitrogen doping in SiOF film 42667
Mikagi, K. *see* Fujii, K. 42669
Mikami, M. *see* Yamashita, H. 40273
Mikami, N., Kawahara, T., Horikawa, T., Yamamuka, M., Makita, T., Kuroiwa, T., Yuuki, A., Shibano, T., Oomori, T., Ono, K., Satoh, S., Abe, H. $(Ba,Sr)TiO_3$ capacitor technology for Gbit-scale DRAMs 21990
Mikami, O. *see* Uchida, T. 23720
Mikami, T. *see* Hashimoto, S. 8444
Mikawa, M., Yoshida, K., Kubota, M., Morimitsu, T. Visual servoing for micro mass axis alignment device 36115
Mikawa, T., Naito, H., Kamite, K. 10 Gbit/s optical communication devices 6850
Mikawa, T. *see* Kawamura, H. 3670
Mikazuki, T. *see* Itoh, K. 13892
Mike Tien-Chien Lee, Tiwari, V., Malik, S., Fujita, M. Power analysis and minimization techniques for embedded DSP software 31327
Mikelsons, A., Greitans, M. Fault detection based on spectral estimation of nonuniformly sampled signals 4741
Mikerov, V. *see* Arisaka, K. 37239
Mikerov, V. *see* Arisaka, K. 37460
Mikerov, V. *see* Buzykaev, A. 37237
Mikhael, W.B., Haoping Yu Adaptive, frequency domain, 2-D modeling using spatiotemporal signals 34727
Mikhael, W.B. *see* Berg, A.P. 4695
Mikhael, W.B. *see* Berg, A.P. 4982
Mikhael, W.B. *see* Berg, A.P. 15179
Mikhael, W.B. *see* Haoping Ku 5338
Mikhael, W.B. *see* Nijim, Y.W. 5558
Mikhael, W.B. *see* Ramaswamy, A. 4981
Mikhael, W.B. *see* Ramaswamy, A. 15507
Mikhael, W.B. *see* Zhang, Q. 48038
Mikhaelashvili, V. *see* Finzi, D. 55618
Mikhailin, V.V. *see* Auffray, E. 37281
Mikhailishin, V.Yu. *see* Yavorskii, I.N. 34713
Mikhailov, G.M., Malikov, I.V., Chernikh, A.V., Petrashov, V.T. Epitaxial growing of refractory metal films by laser ablation deposition 21316
Mikhailov, I.F. *see* Baranov, A.M. 27905
Mikhailov, N.N. *see* Ovsyuk, V.N. 17376
Mikhailov, N.N. *see* Ovsyuk, V.N. 36562
Mikhailov, N.N. *see* Susov, E.V. 33229
Mikhailov, N.N. *see* Voitsekhovskii, A.V. 36563
Mikhailov, S.I. *see* Glazkov, D.A. 55546
Mikhailov, S.N., Weber, J., Baer, Y., von Kaenel, Y., Stiegler, J., Blank, E., Haenni, W. Damage and structural modification of CVD diamond films caused by α-particles 12169
Mikhailov, V. *see* Timofeev, F.N. 48022
Mikhailov, V.A. A streamer chamber with a low-voltage power supply 49337
Mikhailov, V.A., Zavartsev, Yu.D., Zagumennyi, A.I., Ostroumov, V.G., Studenikin, P.A., Heumann, E., Huber, G., Shcherbakov, I.A. Tm^{3+}:$GdVO_4$–a new efficient medium for diode-pumped 2-μm lasers 44402
Mikhailov, V.A. *see* Ostroumov, V.G. 3801
Mikhailov, V.A. *see* Ostroumov, V.G. 55897
Mikhailov, V.M. *see* Bondina, N.N. 53714
Mikhailov, V.N. *see* Batskikh, G.I. 7697
Mikhailov, V.P. *see* Avtukh, A.S. 44433
Mikhailov, V.P. *see* Golubovic, B. 33435
Mikhailov, V.P. *see* Golubovic, B. 33446
Mikhailov, V.P. *see* Kalashnikov, V.L. 14020
Mikhailov, V.P. *see* Kalashnikov, V.L. 44406
Mikhailov, V.P. *see* Kalashnikov, V.L. 44600
Mikhailov, V.P. *see* Kalashnikov, V.L. 55833
Mikhailov, V.P. *see* Lagatskii, A.A. 44403
Mikhailov, V.P. *see* Malyarevich, A.M. 14386
Mikhailov, V.P. *see* Yumashev, K.V. 33612
Mikhailov, V.P. *see* Yumashev, K.V. 44675
Mikhailov, V.V. *see* Charonov, V.Ya. 20279
Mikhailova, K.V. *see* Tikhonravov, A.V. 3499
Mikhailova, M.P. *see* Moiseev, K.D. 55654
Mikhailova, M.P. *see* Voronina, T.I. 54146
Mikhailova, M.P. *see* Yakovlev, Yu.P. 3890
Mikhailovskii, V.Y. *see* Anatychuk, L.I. 39249
Mikhal'chenkov, A.G. *see* Georgievskii, A.M. 31513
Mikhal'chuk, P.V. *see* Vasil'ev, A.G. 30899
Mikhalev, A.A. *see* Zolotykh, A.A. 30413
Mikhalevich, B.O. *see* Gimel'farb, G.L. 18780
Mikhaltsevich, V.T. *see* Rudakov, T.N. 58626
Mikhaylov, M.N. *see* Ovsyuk, V.N. 17374
Mikheev, A.G. *see* Gilman, M.A. 28646
Mikheev, L.D. *see* Sentis, M.L. 44342
Mikheev, O.V., Podosenov, S.A., Sakharov, K.Y., Sokolov, A.A., Svekis, Y.G., Turkin, V.A. New method for calculating pulse radiation from an antenna with a reflector 34265
Mikheev, P.M. *see* Dzhidzhoev, M.S. 14289
Mikheev, P.M. *see* Dzhidzhoev, M.S. 44336
Mikheev, P.M. *see* Dzhidzhoev, M.S. 55809
Mikheeva, I.B. *see* Gridin, S.V. 49343
Mikhin, D.Yu. *see* Godin, O.A. 50106
Mikhnev, V.A. Reconstruction of the permittivity distribution profile of sheet materials by the guided-wave method 52887
Mikhov, M. *see* Blaskov, V. 32820
Miki, A. *see* Shimada, T. 51513
Miki, H., Kushida-Abdelghafar, K., Torii, K., Fujisaki, Y. Hydrogen-related degradation and recovery phenomena in $Pb(Zr,Ti)O_3$ capacitors with a platinum electrode 54916
Miki, H. *see* Korogi, Y. 59489
Miki, H. *see* Kushida-Abdelghafar, K. 2959
Miki, H. *see* Matsui, Y. 55006
Miki, H. *see* Torii, K. 30933
Miki, M., Enomoto, H., Yamada, A., Onoda, T., Fujita, A. Space-saving chemical thermal storage system for air conditioning 61345
Miki, N. *see* Shirakawa, T. 36250
Miki, N. *see* Weiping Li 16018
Miki, N. *see* Yokoyama, T. 15824
Miki, S., Moriya, T., Iwakami, N., Kaneko, T. Applied services using TwinVQ audio-coding method 34576
Miki, S. *see* Iwakami, N. 34574
Miki, S. *see* Kanda, T. 10643
Miki, S. *see* Moriya, T. 14824
Miki, S. *see* Moriya, T. 34575
Miki, T. Optical network development towards multimedia information era 16716
Miki, T. *see* Kohno, H. 41264
Miki, T. *see* Mosaddeq-ur-Rahman, M. 20034
Miki, T. *see* Okuda, T. 11528
Miki, T. *see* Yang, B. 41943
Miki, Y. PCHECK: a delay analysis tool for high performance LSI design 22913
Miki, Y., Irie, H., Saka, T. Damage and issues arising from the Hanshin-Awaji Earthquake disaster for power system communications 60225
Miki, Y. *see* Fujii, Y. 27944
Miki, Y. *see* Samarasekera, S. 59452
Miki, Y. *see* Shiota, F. 27363
Mikic, I. *see* Chandra, S. 49527
Mikicic, S. *see* Skundric, S. 19814
Mikihiko, K., Hiroshi, F., Mitsuru, E., Norio, S. Formation method of particles arrangement on substrate and its analysis 21389
Mikityuk, Z., Nevmerzhitska, O., Zaremba, P., Vistak, M. Temperature dependence of field hysteresis loop in nemato-cholesteric mixtures 23597
Mikkela, P. *see* Kurvonen, L. 8318
Mikkelsen, B., Vaa, M., Poulsen, H.N., Danielsen, S.L., Joergensen, C., Kloch, A., Hansen, P.B., Stubkjaer, K.E., Wunstel, K., Daub, K., Lach, E., Laube, G., Idler, W., Schilling, M., Bouchoule, S. 40 Gbit/s all-optical wavelength converter and RZ-to-NRZ format adapter realised by monolithic integrated active Michelson interferometer 26895
Mikkelsen, B. *see* Danielsen, S.L. 36098
Mikkelsen, B. *see* Schimpe, R. 16765
Mikkelsen, H. *see* Riis, J.O. 39638
Mikkelsen, K.J. Evaluating new wafer carrier and storage box materials 54318
Mikkelsen, N.P. *see* Benjaminsen, J.T. 19339
Mikkelsen, T. *see* Jrgensen, H.E. 58480
Mikkelsen, T. *see* Peck, D.J. 8029
Mikkelsen, U. *see* Elsener, K. 49261
Mikkelson, K. *see* Mazarakis, M.G. 37078
Mikkelson, K. *see* Mazarakis, M.G. 37152
Mikkilineni, R.P., Webb, J.J. Discriminative training of a connected digit recognizer with fixed filler models and its application to telephone network service systems 45678
Mikler, A.R., Wong, J.S.K., Honavar, V. Quo Vadis–a framework for intelligent routing in large communication networks 46810
Mikler, A.R. *see* Snell, Q.O. 57651
Mikliyev, Yu.V., Safonov, V.I., Shershakov, Ye.P. Influence of the phase modulation of the light beam on the formation of gratings by AC field 33734
Miklos, A. *see* Bozoki, Z. 7672
Miklos, P., Olah, V., Doupovec, J. Surface effect on dielectric properties of semiconducting glasses 54119
Miklyaev, Yu.V., Safonov, V.I. Forward four-wave interaction in asymmetric ac field 24159
Miklyaev, Yu.V., Safonov, V.I. Three- and four-wave forward amplification in AC fields 55866
Mikolajczak, P. *see* Daniluk, A. 30798
Mikolajewski, M. Resonant DC/DC converters with a transformer regulated synchronous rectifier 9394
Mikolajski, T. *see* Karle, A. 6828
Mikolajuk, K. The problem of harmonic compensators location 38231
Mikoshiba, S. *see* Yamaguchi, T. 58944
Mikoshiba, T., Yamasawa, K. A new non-repeated code type magnetic scale using a simple absolute head 7565
Mikropoulos, P.N. *see* Gourgoulis, D.E. 13221
Mikropoulos, P.N. *see* Gourgoulis, D.E. 38432
Mikrut, Z., Bublinski, Z., Popiela-Mizera, A. A method of linear "star-sections" applied for object separation in ERCP images 59445
Miksad, R.W. *see* Jordan, D. 45809
Mikschl, A., Damm, W. MSparc: a multithreaded Sparc 11487
Mikula, K., Kacur, J. Evolution of convex plane curves describing anisotropic motions of phase interfaces 604
Mikulasek, K. *see* Kunovsky, J. 30658
Mikulevicius, R. *see* Lototsky, S. 56474
Mikulevicius, R. *see* Lototsky, S.V. 45825
Mikulska, M. *see* Byczkowska-Lipinska, L. 60835
Mikulsky, J. Chemically clean air: an emerging issue in the fab environment 2751
Mila, J. *see* Opydo, W. 23209
Milacic, V.R., Mirko, M.N.D. Product producibility design using mathematical theory of evidence 30123
Milad, G. Surface finishes: Metallic coatings over nickel over copper [PCBs] 22066
Milam, D. *see* Pennington, D.M. 23842
Milam, D. *see* Widmayer, C.C. 23873
Milan, C. *see* Bouffault, F. 58625
Milan, S.E., Jones, T.B., Robinson, T.R., Thomas, E.C., Yeoman, T.K. Interferometric evidence for the observation of ground backscatter originating behind the CUTLASS coherent HF radars 45144
Milan, S.E., Jones, T.B., Warrington, E.M. Enhanced MUF propagation of HF radio waves in the auroral zone 45125
Milanez, L.F. *see* Ramos, R.A.V. 256
Milanfar, P. Projection-based, frequency-domain estimation of superimposed translational motions 5448
Milanfar, P., Lang, J.H. Monitoring the thermal condition of permanent-magnet synchronous motors 9200
Milani, A. *see* Paccagnell, A. 22472
Milani, P. *see* Piseri, P. 7778
Milano, F. *see* Taccetti, F. 59774
Milano, L. *see* Barone, F. 7186
Milanova, M., Nikolov, L., Fotev, S. Three dimensional computer vision for computer aided design and manufacturing applications 15893
Milanovic, J.V. *see* Hiskens, I.A. 50364
Milanovic, M., Mihalic, F. A switching matrix analysis of three-level boost rectifier 38835
Milanovic, M., Mihalic, F. Analysis of switching power converter by using a switching matrix approach 51150
Milanovic, U. *see* Mihalic, F. 51344
Milanovic, V., Gaitan, M., Bowen, E.D., Zaghloul, M.E. Micromachined microwave transmission lines in CMOS technology 53686
Milanovic, V., Gaitan, M., Marshall, J.C., Zaghloul, M.E. CMOS foundry implementation of Schottky diodes for RF detection 12871
Milanovic, V., Zaghloul, M.E. Synchronization of chaotic neural networks for secure communications 5695
Milanovic, V. *see* Tadic, M. 2131
Milants, K., Verheyden, A.J., Barancira, T., Deweerd, W., Pattyn, H., Bukshpan, S., Williamson, D.L., Vermeiren, F., Van Tendeloo, G., Vlekken, C., Libbrecht, S., Van Haesendonck, C. Size distribution and magnetic behavior of lead inclusions in silicon single crystals 42370
Milants, K. *see* Deweerd, W. 31751
Milborrow, D. Energy costs from European wind farms 29164
Milburn, H.B., McLain, P.D., Meinig, C. ATLAS buoy–reengineered for the next decade 50205
Milburn, H.B., Nakamura, A.I., Gonzalez, F.I. Real-time tsunami reporting from the deep ocean 38084
Milburn, J.E. *see* Kang, B.K. 33855
Milburn, R. *see* Allison, W.W.M. 37269
Milchberg, H.M., Durfee, C.G., III, Antonsen, T.M., Mora, P. Channel guiding for advanced accelerators 17913
Milchberg, H.M., Durfee, C.G., Clark, T.R. High order frequency conversion in the plasma waveguide 4000
Mild, K.H. *see* Linde, T. 58206
Milder, D.M. An improved formalism for electromagnetic scattering from a perfectly conducting rough surface 14584
Milder, M.L. *see* Carlsten, B.E. 17986
Mildice, J.W., Hansen, I.G., Schreiner, K.E., Roth, M.E. Variable-speed induction motor drives for aircraft environmental control compressors 20141
Miled, H. *see* Olivier, C. 5605
Miledin, V.K. *see* Markin, V.V. 9655
Mileham, J.R., Lee, J.W., Lambers, E.S., Pearton, S.J. Dry etching of GaSb and InSb in $CH_4/H_2/Ar$ 42517
Mileham, J.R. *see* Lee, J.W. 23942
Mileham, J.R. *see* Zavada, J.M. 33578
Mileham, R.D. *see* Vetelino, K.A. 27481
Milekhin, A.G. *see* Pusep, Y.A. 42127
Milella, E., Musio, F., Alba, M.B. Polypyrrole LB multilayer sensitive films for odorants 36961
Milella, E. *see* Penza, M. 58888
Milentijevic, I.Z., Milovanovic, I.Z., Milovanovic, E.I., Stojcev, M.K. The design of optimal planar systolic arrays for matrix multiplication 43215
Miler, L. Hybrid circuit screen printing continues to evolve 41697
Miler, L. *see* Chieh-Yuan Chao 43280
Miler, M. *see* Aubrecht, I. 24279
Miles, A. *see* Babu, S.R. 49872
Miles, B. *see* Kibalo, T. 7207
Miles, B. *see* Lall, P. 233
Miles, B.J. *see* Rochow, R.F. 18740
Miles, B.M. *see* Galloway, J.E. 272
Miles, D. Adjudication, ADR and arbitration: the differences 52089
Miles, E.W. *see* Wooten, E.L. 3464
Miles, G.L., Mann, R.W., Bertsch, J.E. $TiSi_2$ phase transformation characteristics on narrow devices [metallisation] 42620
Miles, G.L. *see* Cabral, C. 42660
Miles, H., Jr. *see* Grzelak, S.A. 16433
Miles, J. *see* Casey, S. 55047
Miles, J.C.H. *see* Hardcastle, G.D. 18089

Miles, J.D. *see* Ghosh, S. 9016
Miles, J.J. *see* Tandon, A. 43700
Miles, P. *see* Perry, J.W. 14408
Miles, P. *see* Scudiere, J.D. 60402
Miles, P.C. Geometry of the fringe field formed in the intersection of two Gaussian beams 4158
Miles, R. *see* Cusick, T.A. 15916
Miles, R. *see* Monnard, R. 33118
Miles, R.B. *see* Forkey, J.N. 44425
Miles, R.E. *see* Arscott, S. 41506
Miles, R.E. *see* Collins, C.E. 53635
Miles, R.E. *see* Kazemi, H. 53628
Miles, R.H., Hasenberg, T.C., Kost, A.R., West, L., Dunlap, H.L. Mid-wave infrared lasers employing GaInSb/InAs superlattice active regions 3892
Miles, R.H., Wilson, J.A. IR focal planes based on GaInSb-InAs superlattices 48649
Miles, R.H., Wilson, J.A. GaInSb-InAs type-II superlattices for 10 μm IR detector applications 48670
Miles, R.H. *see* Cheong, H.M. 42213
Miles, R.H. *see* Lew, A.Y. 22335
Miles, R.O. *see* Achtenhagen, M. 3825
Miles, R.O. *see* Achtenhagen, M. 55647
Miles, R.O. *see* Robadey, J. 23900
Milesi, M. *see* Adam, A. 37280
Mileti, G., Deng, J.Q., Walls, F.L., Lowe, J.P., Drullinger, R.E. Recent progress in laser-pumped rubidium gas-cell frequency standards 27323
Miletic, M.B. *see* Nikolic, P.M. 54130
Miley, G.H., Gu, Y., DeMora, J.M., Stubbers, R.A., Hochberg, T.A., Nadler, J.H., Anderl, R.A. Discharge characteristics of the spherical inertial electrostatic confinement (IEC) device 22138
Milford, D. *see* Wrzyszcz, A. 11296
Milgram, M. *see* Chatry, N. 51824
Milgrom, C. *see* Hoshaw, S.J. 59395
Milgrom, P., Roberts, J. Coalition-proofness and correlation with arbitrary communication possibilities 10275
Milgrome, O. *see* Angstadt, R. 59309
Milgrome, O. *see* Antos, J. 37373
Milgrome, O. *see* Bieser, F. 59307
Mili, L. *see* Biedka, T.E. 4880
Mili, L. *see* M'hiri, R. 60446
Milici, A., Guarro, S., Wu, J.-S., Apostolakis, G. Accident management advisor system (AMAS): a logical and probabilistic framework to assist nuclear power plant personnel during severe accident conditions 38473
Milici, S., Tuza, Z. Cycle systems without 2-colorings 30498
Milinchuk, V.K. *see* Barashkov, N.N. 28033
Miliozzi, P. *see* Charbon, E. 11093
Miliozzi, P. *see* Vassiliou, I. 11115
Milisavjevic, M., Galatsanos, N., Arzbaecher, R. Detection of atrial fibrillation in implanted devices by automatic scanning of sensing threshold and cycle length 37770
Militello, M.C. *see* Yang-Tse Cheng 11808
Militinskiy, I.M. *see* Yepishin, V.A. 3927
Milito, R.A. Direct adaptive job distribution and overload control in a decentralized system 25986
Milito, R.A. *see* Fuhrmann, S. 35384
Milito, R.A. *see* Fuhrmann, S. 35458
Militsyn, A.V. *see* Afanas'ev, M.M. 12366
Militsyn, A.V. *see* Afanas'ev, M.M. 12366
Miljanic, P.N. Mutual inductance highly independent of primary winding position and ambient fields 21994
Miljavec, D., Jereb, P. Can synchronous reluctance motor be compared with induction motor? 9188
Milkovska, B. *see* Venkataramanan, G. 19659
Milks, J., Custer, W. On-line electronic industry related information sources 11848
Mill, B.V. *see* Senjushenkov, P.A. 13237
Mill-Jer Wang, Yen-Shung Chang, Chen, J.E., Yung-Yuan Chen, Shaw-Cherng Shyu Yield improvement by test error cancellation 54766
Milla, P.J. *see* Meeson, S. 18450
Millaire, K., Rousseau, J., Ducloux, G., Marchandise, X. A dynamic and asymmetric phantom for left ventricular regional wall motion assessment 59433
Millan, J. *see* Brezeanu, G. 42937
Millan, J. *see* Flores, D. 12913
Millan, J. *see* Flores, D. 42974
Millan, J. *see* Flores, D. 42978
Millan, J. *see* Godignon, P. 22805
Millan, J. *see* Morvan, E. 42417
Millan, J. *see* Perell, C. 155
Millan, M. *see* Olmos, S. 37814
Millan, M.S., Escofet, J. Fourier-domain-based angular correlation for quasiperiodic pattern recognition. Applications to web inspection 5193
Millan, M.S. *see* Carcole, E. 4129
Millan, M.S. *see* Escofet, J. 39858
Millan, M.S. *see* Perez, E. 25302
Millan, M.S. *see* Perez-Poch, A. 3482
Millanncourt, B. *see* Saude, I. 27761
Millar, C.E. *see* Pardo, L. 54940
Millar, C.E. *see* Salloway, A.J. 7108
Millar, P.S. *see* Field, C.T. 8544
Millar, S.B. *see* Courter, S.S. 20556
Millard, D.L. *see* Embrechts, M.J. 11914
Millard, D.L. *see* Kalukin, A.R. 20976
Millard, D.L. *see* Sankaran, V. 10187
Millard, D.L. *see* Umstadter, K.R. 11845
Millard, J.R. *see* Elton, R.C. 33199
Millard, J.W.F. 30' reach with a 2' pole [nuclear plant inspection] 50739
Mille, J. *see* Claverie, I. 12884
Millen, D.K. *see* Jeynes, C. 12153
Miller, A. *see* French, S. 14337
Miller, A. *see* French, S. 24123
Miller, A. *see* Wang, H. 23577
Miller, A. *see* Zinger, D.S. 38665
Miller, A.E. *see* Bachmann, K.J. 52693
Miller, A.E. *see* Bandyopadhyay, S. 54183
Miller, B. *see* Olsen, R.W. 37563
Miller, B.H., Dahlberg, E.D. Use of the anisotropic magnetoresistance to measure exchange anisotropy in Co/CoO bilayers 13415
Miller, B.I., Dreyer, K.F., Behringer, R.E., Koren, U., Chien, M., Raybon, G., Tennant, D.M., Feder, K., Capik, R.J. Low-chirp wavelength-selectable 1×6 laser arrays suitable for WDM applications 55629
Miller, B.I. *see* Khan, M.N. 13697
Miller, B.I. *see* Koren, U. 44483
Miller, B.I. *see* Paiella, R. 33682
Miller, B.I. *see* Raybon, G. 26697
Miller, B.I. *see* Raybon, G. 26936
Miller, B.I. *see* Sneh, A. 13694
Miller, B.I. *see* Tauber, D.A. 44481
Miller, B.I. *see* Young, M.G. 26833
Miller, B.J. *see* Padmanabhan, R.P. 30285
Miller, C., Hunt, B.R., Kendrick, R.L., Duncan, A.L. Reconstruction and super-resolution of dilute aperture imagery 56965
Miller, C. *see* Carroll, D. 6038
Miller, C. *see* Cochran, E.L. 139
Miller, C. *see* Whillock, R. 18986
Miller, D., Quinby-Hunt, M.S., Hunt, A.J. Laboratory studies of angle- and polarization-dependent light scattering in sea ice 50079
Miller, D., Rao, A.V., Rose, K., Gersho, A. A global optimization technique for statistical classifier design 15975
Miller, D. *see* Hsiao, R. 2397
Miller, D. *see* Kagan, H. 37508
Miller, D. *see* Kastle, S. 37604
Miller, D. *see* Rao, A. 24656
Miller, D. *see* Shipsey, I. 59232
Miller, D. *see* Spencer, M.B. 59274
Miller, D.A., Mathur, A. Using distributed fuel cells to compete with established utilities under rules permitting retail wheeling 29168
Miller, D.A.B. Physical and systems motivations for smart pixels 33343
Miller, D.A.B. *see* Boivin, L. 58382
Miller, D.A.B. *see* Ford, J.E. 36154
Miller, D.A.B. *see* Ford, J.E. 36176
Miller, D.A.B. *see* Goossen, K.W. 16494
Miller, D.A.B. *see* Krishnamoorthy, A.V. 3659
Miller, D.A.B. *see* Krishnamoorthy, A.V. 33185
Miller, D.L. *see* Gibbs, S.G. 39490
Miller, D.L. *see* Kochhar, R. 7361
Miller, D.L. *see* Kochhar, R. 40428
Miller, D.L. *see* Micovic, M. 735
Miller, D.L. *see* Mitra, A. 7353
Miller, D.M. *see* Shujian Zhang 21631
Miller, D.W., How, J.P. Extended bandwidth instrument pointing and S/C G&C–the middeck active control experiment (MACE) 49908
Miller, E.K. A method to estimate the accuracy of numerical models 33798
Miller, E.K. Using adaptive sampling to minimize the number of samples needed to represent a transfer function 33957
Miller, E.L., Willsky, A.S. Multiscale, statistical anomaly detection analysis and algorithms for linearized inverse scattering problems 46246
Miller, E.L. *see* Dufour, R.M., Jr. 25105
Miller, G. *see* Memon, N. 56620
Miller, G.D. *see* Kuo, S.M. 4796
Miller, G.L., O'Connor, J. Probabilistic treatment of time dependent offsite power source voltage adequacy at nuclear generating plants 38532
Miller, H. Improved color filter process for CCD and CMOS imagers 48658
Miller, H.C. Anode modes in vacuum arcs 23184
Miller, H.C. *see* Rafferty, B.D. 55502
Miller, I. *see* Bo Gu 17668
Miller, J., Yang, W. Simple pulse asynchronous state machines 1200
Miller, J. *see* Cordero, M. 10492
Miller, J. *see* Devine, R.T. 8193
Miller, J. *see* Drakunov, S. 9690
Miller, J. *see* Feng Liang 29868
Miller, J. *see* Perry, M.D. 14509
Miller, J. *see* Scanlan, R.M. 13516
Miller, J. *see* Scanlan, R.M. 37053
Miller, J. *see* Schneider, W.J. 37005
Miller, J. *see* Simmons, W. 50003
Miller, J. *see* Stuart, B.C. 44427
Miller, J., Jr. *see* Scaduto, A.F. 42802
Miller, J.D., Berkeland, D.J., Cruz, F.C., Bergquist, J.C., Itano, W.M., Wineland, D.J. A cryogenic linear ion trap for $^{199}Hg^{+}$ frequency standards 27326
Miller, J.D., Sungbok Lee, Uchanski, R.M., Heidbreder, A.F., Richman, B.B., Tadlock, J. Creation of two children's speech databases 14997
Miller, J.D. *see* Wineland, D.J. 48291
Miller, J.E. *see* Parker, J.H. 50158
Miller, J.G. *see* Christy, D.H. 18305
Miller, J.M. Multiple voltage electrical power distribution system for automotive applications 29834
Miller, J.M., McCleer, P.J., Giacoletto, L.J. A proposal for electric power plant for future ICE powered vehicles 29783
Miller, J.M. *see* de Beaucoudrey, N. 3448
Miller, J.M. *see* Kassakian, J.G. 29835
Miller, J.N. *see* McElvain, J. 3630
Miller, J.R., Painter, T.A., Devernoe, A.L., Schaedler, R.M., Grabinsky, G., Williams, J.E.C., Bobrov, E. Experience on sheathing 10 km of cable-in-conduit conductor for the NHMFL 45-T hybrid 32944
Miller, J.R., Zhang, K., Ma, Q.Y., Mun, I.K., Jung, K.J., Katz, J., Face, D.W., Kountz, D.J. Superconducting receiver coils for sodium magnetic resonance imaging 7983
Miller, J.R. *see* Gorbounov, M.B. 43843
Miller, J.R. *see* Summers, L.T. 55139
Miller, J.R. *see* Van Sciver, S.W. 43854
Miller, J.R. *see* Voleti, S.R. 43858
Miller, J.R. *see* White, H.P. 8296
Miller, J.W., McDermott, K.J., Ranky, P., Swart, W. Applying TQM in an engineering technology classroom as a method of improving the learning of adult engineering technology students 20508
Miller, J.W.V., Kohler, T., Shabestari, B.N., Sweney, R. Color AC plasma panel barrier measurement system 30349
Miller, J.W.V., Kohler, T.A., Sacha, J.P., Shabestari, B.N. A system for characterizing small fibers 35147
Miller, L. *see* Edwards, J.N. 18064
Miller, L.E. *see* Dermott, J.C. 18719
Miller, L.L. *see* Hong Yaoliang 33246
Miller, L.S., McRoberts, A.M., Walton, D.J., Peterson, I.R., Parry, D.A., Sykesud, C.G.D., Newton, A.L., Powell, B.D., Jasper, C.A. Optical gas sensing using thin organic films 36963
Miller, M. The road to IPv6 46706
Miller, M. Air data transducer with optical communications and an optical temperature sensor 59914
Miller, M., Myers, M. ASIC/MCM and microcircuit testing using commercial practices 8585
Miller, M., Spillman, W. Development of an optical fiber engine sensor suite 59964
Miller, M. *see* Hilpert, K. 20016
Miller, M. *see* Laclair, R.D. 59913
Miller, M. *see* Seifert, W. 40372
Miller, M. *see* Velaerts, B. 51345
Miller, M.B. Zero wastewater discharge [PCB manufacture] 10228
Miller, M.I., Grenander, U., O'Sullivan, J.A., Snyder, D.L. Automatic target recognition organized via jump-diffusion algorithms 27068
Miller, M.I. *see* Christensen, G.E. 18389
Miller, M.J., Mott, A.G., Wood, G.L. Nonlinear behavior of Zn:tetrabenzporphyrin 24213
Miller, M.J. *see* Compaan, A.D. 39058
Miller, M.L. *see* Cox, I.J. 38161
Miller, N.W. *see* Okamoto, H. 50322
Miller, N.W. *see* Sanchez-Gasca, J.J. 50457
Miller, P. Multiresolution correlator analysis and filter design 3538
Miller, P.A. *see* Parmeter, J.E. 22563
Miller, P.D. *see* Bang, O. 55877
Miller, R. *see* Anamkath, H. 60865
Miller, R. *see* Mishin, A.V. 49062
Miller, R. *see* Tang, H. 49299
Miller, R. *see* Zhang, Y. 13848
Miller, R.A., Burr, G.W., Yu-Chong Tai, Psaltis, D. Magnetically actuated micromirrors for use as optical deflectors 23633
Miller, R.A., Yu-Chong Tai Micromachined electromagnetic scanning mirrors 54852
Miller, R.B. Pulse-shortening in high-peak-power Reltron tubes 53970
Miller, R.E. *see* Hong Lin 57656
Miller, R.E. *see* Hong Liu 46724
Miller, R.E. *see* Hong Liu 46788
Miller, R.H., Adolphsen, C., Bane, K.L., Fowkes, W.R., Gluckstern, R., Hanna, S.M., Higo, T., Higashi, Y., Hoag, H.A., Jones, R.M., Ko, K., Kroll, N.M., Loewen, R.J., Nantista, C., Pearson, C., Ruth, R.D., Thompson, K.A., Wang, J.W., Seidel, M. A damped detuned structure for the Next Linear Collider 49048
Miller, R.H. *see* Jones, R.M. 49049
Miller, R.H. *see* Ruth, R.D. 49165
Miller, R.H. *see* Seidel, M. 49050
Miller, R.H. *see* Wang, J.W. 49051
Miller, R.H. *see* Yeremian, A.D. 17991
Miller, R.J. *see* Robinson, W.K. 44108
Miller, R.L. *see* Bruggeman, J.M. 50746
Miller, R.L. *see* Murawski, M. 20505
Miller, R.L. *see* Olds, B.M. 20653
Miller, R.R. *see* Kouadria, D. 13211
Miller, S., Holloway, P.H. Ohmic contacts to n-Type GaN 12551
Miller, S., Migliore, P.G., Quandt, G.A. An evaluation of several wind turbine trailing-edge aerodynamic brakes 29165
Miller, S. *see* Messer, J. 29441
Miller, S.A. *see* Christenson, G.L. 13547
Miller, S.J. *see* Trexler, J.T. 12818
Miller, S.L., O'Dea, R.J. Multiple symbol differential detection for trellis-coded MPSK over Rayleigh fading channels 24636
Miller, S.L. *see* Dunmin Zheng 25889
Miller, S.L. *see* Dunmin Zheng 26483
Miller, S.L. *see* Hughes, K.L. 48711

Miller, S.P., Chitre, D.M. COMSAT's ATM satellite services 47887
Miller, S.P. *see* Cohen, P.A. 49996
Miller, S.P. *see* Spitzak, S.E. 49995
Miller, S.W. *see* Koga, R. 21749
Miller, T. *see* Holmes, R. 1812
Miller, T. *see* Kim, Y. 8308
Miller, T. *see* Krauss, A. 21383
Miller, T.J. *see* Grillo, D.C. 3907
Miller, T.J.E. *see* Colby, R.S. 29261
Miller, T.J.E. *see* Deodhar, R.P. 29210
Miller, T.J.E. *see* Deodhar, R.P. 29248
Miller, T.J.E. *see* Kjaer, P.C. 9581
Miller, T.J.E. *see* Kjaer, P.C. 29687
Miller, T.J.E. *see* Kjaer, P.C. 50964
Miller, T.J.E. *see* Kjaer, P.C. 61164
Miller, T.J.E. *see* Madescu, G. 29328
Miller, T.J.E. *see* Madescu, G. 29329
Miller, T.J.E. *see* Rabinovici, R. 38691
Miller, T.M. *see* Dodabalapur, A. 3633
Miller, T.R. *see* Wallis, J.W. 28221
Miller, V.M. DFM/DFA decision making using game theory 30233
Miller, W. Designing with system programmable gate arrays 41049
Miller, W. *see* Shipsey, I. 59232
Miller, W. *see* Zhang, Z. 10309
Miller, W.B. *see* Andrews, L.C. 33605
Miller, W.C. *see* Dimitrov, V. 24885
Miller, W.C. *see* Djahanshahi, H. 1667
Miller, W.C. *see* Djahanshahi, H. 7430
Miller, W.C. *see* Sadeghi-Emamchaie, S. 5543
Miller, W.C. *see* Sadeghi-Emamchaie, S. 15880
Miller, W.C. *see* Zhongde Wang 1218
Miller, W.C. *see* Zhongde Wang 21635
Miller, W.C. *see* Zhongde Wang 31230
Miller, W.G. *see* Hanbury, C.M. 7444
Miller, W.H. *see* Allison, W.W.M. 37269
Miller, W.O. *see* Dubbs, T. 59292
Miller, W.R. *see* Berger, D.G. 1867
Millerat, P., Ermine, J.-L., Chaillot, M. Knowledge management for modelling nuclear power plants control in incidental and accidental states 60493
Millerd, J.E., Brock, N.J., Brown, M.S., DeBarber, P.A., Trivedi, S. Resonant holographic interferometry using ZnTe:V,Mn 4123
Millerd, J.E. *see* De Yu Zang 4066
Milleret, G. *see* Martinez, E. 49350
Millerioux, G. Synchronization of discrete noninvertible chaotic systems for an improvement of secure communications 56240
Millerioux, Y. *see* Juncar, P. 17182
Millet, B. *see* Hagolle, O. 18840
Millet, C., Leroux, D., Bergmann, C. Field oriented control of asynchronous machine 61229
Millet, P., Delforge, J., Pappata, S., Syrota, A., Cinotti, L. Error analysis on parameter estimates in the ligand-receptor model: application to parameter imaging using PET data 18327
Millett, J.C.F., Bourne, N.K., Rosenberg, Z. Shear stress measurements in copper, iron, and mild steel under shock loading conditions 36928
Millham, E. *see* Yasar, G. 11433
Milligan, S.A., Parker, J.H., Jr., DeLong, M.L. Scanning radiometric imager (SRI) 8262
Milligan, T. Aperture sampling requirements in planar near-field and pattern calculations 4334
Milligan, T., Kelly, P.K. Optimization of ground plane for improved GPS antenna performance 34205
Milliken, C. *see* Man Feng 29609
Millikin, M. Distributed objects: a new model for the enterprise 47030
Million, G. *see* Bouclier, R. 37262
Million, S., Biren Shah, Sami Hinedi Comparison of two maximal ratio combining techniques in antenna arraying 6707
Million, T.P. *see* Lubowe, A.G. 59901
Millman, S.D., Acken, J.M. Standard cell library characterization for setting current limits for I_{DDQ} testing 20837
Millmore, M. *see* De Fez-Laso, M.D.M. 37505
Millner, P. *see* DeCesaris, C. 28702
Millner, R. *see* Jenderka, K.-V. 18355
Millnert, M., Carlsson, C., Karlsson, C., Letalick, D., Renhorn, I. Robust coherent laser radar design and signal processing for vibrometry 7602
Millot, G. *see* Seve, E. 13571
Millot, G. *see* Tchofo Dinda, P. 3369
Millot, P., Berges, A. Ground based SAR imaging tool for the design of buried mine detectors 8616
Mills, A.P. *see* Chiang, C.-M. 10878
Mills, A.P. *see* Weldon, M.K. 22553
Mills, D., Vlacic, L., Lowe, I. Improving electricity planning–use of a multicriteria decision making model 28827
Mills, F. *see* Palmer, R.B. 17924
Mills, F. *see* Palmer, R.B. 17966
Mills, G.D. *see* Alton, G.D. 49285
Mills, G.D. *see* Olsen, D.K. 49153
Mills, G.S., Dobbie, W.H., Bensberg, G. DVB specifications for broadcast-related interactive TV services 35831
Mills, G.S., Dobbie, W.H., Bensberg, G. DVB specifications for broadcast-related interactive TV services 58530
Mills, J.A. *see* Meyer, J. 59777
Mills, J.K. *see* Chem, P.C.Y. 60791
Mills, M. *see* Boyer, D.G. 6279
Mills, M.A. *see* Bergano, N.S. 26823
Mills, M.D. *see* Simpson, A.D. 47432
Mills, M.E., Townsend, P., Casrillo, D., Martin, S., Achen, A. Benzocyclobutene (DVS-BCB) polymer as an interlayer dielectric (ILD) material 43424
Mills, R.A. *see* Johnson, P.W. 39489
Mills, R.E. *see* Hamilton, W.J. 7781
Mills, R.F. *see* Madden, C.B. 58101
Mills, S. *see* Marshall, C.D. 14083
Millul, E. *see* Weiss, V. 4149
Millul, E. *see* Weiss, V. 23435
Millunchick, J.M., Twesten, R.D., Follstaedt, D.M., Lee, S.R., Jones, E.D., Yong Zhang, Ahrenkiel, S.P., Mascarenhas, A. Lateral composition modulation in AlAs/InAs short period superlattices grown on InP(001) 40384
Millward, D.G. Life-cycle cost trade studies for hardness assurance 28699
Milman, G.Y. *see* Sandler, E.A. 56844
Milman, L.I. *see* Kortov, V.S. 28481
Milne, A., Taylor, D., Naylor, K. Assessing and comparing fault coverage when testing analogue circuits 54756
Milne, A. *see* Cloude, S.R. 6966
Milne, D.K. *see* Roberts, P.G. 10921
Milne, G. *see* Gunther, B. 21572
Milne, G.W. *see* Plichta, M.G. 48676
Milne, G.W. *see* Schoonwinkel, A. 52080
Milne, R., Nicol, C., Trave-Massuyes, L., Quevedo, J. TIGER: knowledge based gas turbine condition monitoring 9105
Milne, R.G., McStay, D., Pollard, P. In-situ measurements using an optical fibre array fluorosensor 50212
Milne, S.J. *see* Arscott, S. 41506
Milne, S.J. *see* Tu, F.L. 818
Milne, W.I. *see* Bilek, M.M.M. 40541
Milne, W.I. *see* Kyu Chang Park 40552
Milne, W.I. *see* Park, J.S. 12748
Milne, W.I. *see* Yoon, S.F. 40605
Milne, W.I. *see* Yoon, S.F. 40616
Milner, B.P. *see* Vaseghi, S.V. 24836
Milner, P., Vaseghi, S.V. Bayesian channel equalisation and robust features for speech recognition 4574
Milner, R. *see* Anderson, M. 26108
Milner, S.-E. *see* Danielsson, H. 49080
Milner, T.E. *see* Anvari, B. 49771
Milner, T.E. *see* van 'Gemert, M.J.C. 37870
Milner, T.E. *see* Zhongping Chen 28295
Milnes, A.G. *see* Zhang, Y.G. 36572
Milnes, J. *see* Meredith, W. 33558
Milnes, M. *see* Stott, Z.T. 50229
Milocco, A. *see* D'Auria, G. 49304
Milokhin, Yu.A. *see* Afonin, V.I. 61275
Milor, L. *see* Li, M. 2784
Milosavljevic, I. *see* Kang, W.P. 53964
Milosavljevic, M. *see* Glezer, E.N. 32993
Milosavljevic, M.M. *see* Markovic, M.Z. 14872
Milosevic, B. *see* Djukanovic, M. 19546
Milosevic, B.D. *see* Popovic, D.P. 60224
Milosevic, D. *see* Stefanovic, M.C. 5676
Milosevic, D.Z. Standardizing unstandardized project management 39644
Milosevic, N. *see* Nikolic, Z. 47563
Milosevic, V. *see* Paroski, M. 26495
Milosevic, V.S. *see* Delic, V.D. 24843
Miloslavski, A. *see* Anisimov, N.A. 57752
Miloslavsky, E. *see* Cobb, N. 2510
Milov, A.M. *see* Aulchenko, V.M. 37214
Milov, A.M. *see* Aulchenko, V.M. 37243
Milov, A.M. *see* Aulchenko, V.M. 37247
Milovancev, S. *see* Vujicic, V. 17239
Milovancev, S. *see* Zupunski, I. 27403
Milovanov, O.S. *see* Sobenin, N.P. 49206
Milovanov, Y.B. *see* Kostrov, L.S. 34093
Milovanovic, D.P. *see* Petkovic, P.M. 11265
Milovanovic, E.I. *see* Milentijevic, I.Z. 43215
Milovanovic, I.Z. *see* Milentijevic, I.Z. 43215
Milovidov, V.L. *see* Grishin, E.A. 27588
Milovsky, N.D., Khanin, Ya.I., Khandokhin, P.A., Bielawski, S., Derozier, D., Glorieux, P. Dynamics of class B laser with two elliptically-polarized modes 13990
Milshtein, M.S. *see* Haring, R.A. 1263
Mil'shtein, S., Therrien, J. Impact of etching on doping profiles in CZ silicon photo-diodes 44234
Milstein, L.B., Lim, M.S. On the performance of a higher order alphabet size in CDMA 25896
Milstein, L.B. *see* Axford, R.A., Jr. 5698
Milstein, L.B. *see* Chockalingam, A. 6660
Milstein, L.B. *see* Chockalingam, A. 46730
Milstein, L.B. *see* Eng, T. 26502
Milstein, L.B. *see* Foerster, J.R. 25891
Milstein, L.B. *see* Kellner, A.L. 6426
Milstein, L.B. *see* Ning Kong 6657
Milster, T. *see* Schlichting, W. 43918
Milston, A. *see* Nitzan, M. 7873
Miltenburg, J. Comparing JIT, MRP and TOC, and embedding TOC into MRP 39737
Miltenyi, P., Koch, M., Hofmann, M., Jung, H., Elsasser, W. Spectrally and temporally resolved gain dynamics in mode locked semiconductor quantum well lasers 44460
Milton, B. *see* Melnychuk, S.T. 49111
Milton, B. *see* Sredniawski, J.J. 49353
Milton, D.R. *see* Gothard, G.K. 56001
Milutinovic, D. Mapping of interconnection networks for parallel processing onto the advanced sea-of-gates VLSI 41027
Milutinovic, V., Tomasevic, M., Markovi, B., Tremblay, M. A new cache architecture concept: the split temporal/spatial cache 1339
Milvang, O. *see* Aas, K. 7434
Mil'vidskii, M.G. *see* Enisherlova, K.L. 54384
Milvidskii, M.G. *see* Govorkov, A.V. 54161
Mil'vidskii, M.G. *see* Kolev, D. 54404
Mil'vidskii, M.G. *see* Vdovin, V.I. 22302
Milvidsky, M.G. *see* Govorkov, A.V. 12372
Milyaev, M.A. *see* Ustinov, V.V. 23350
Milykh, V.I. *see* Dan'ko, V.G. 9276
Mima, K. *see* Kishimoto, Y. 17918
Mima, K. *see* Ohkubo, K. 53935
Mima, K. *see* Roy, P.K. 1910
Mimaki, H. *see* Nakano, H. 34413
Mimaki, H. *see* Nakano, H. 34459
Mimaki, T., Shinozaki, H., Sakagami, M. Practical use of PWB design sharing methodology 11858
Mimami, T. *see* Suzuki, H. 4936
Mimeche, N. *see* Fabre, A. 31361
Mimgjun Wang *see* Wang Mimgjun
Mimila-Arroya, J. Growth of cubic boron nitride thin films on GaAs by reactive vapor phase transport 30887
Mimila-Arroyo, J., Diaz, J., Derbali, M.B., Maaref, H., Alaya, S., Stievenard, D., Bourgoin, J.C. Characterization of closed space vapor transport GaP epitaxial layers 52633
Mimino, Y. *see* Aoki, Y. 7062
Mimkes, J. *see* As, D.J. 12223
Mimoun, G. *see* Bunel, P. 28257
Mimrikova, N.N. *see* Algazinov, E.K. 24500
Mimura, H. DVD-Video format 48255
Mimura, H. *see* Hosoda, M. 42138
Mimura, I. *see* Kurosu, M. 57974
Mimura, M., Ishida, A., Hayakawa, K. Dot character display using a negative-film diffraction grating matrix 36816
Mimura, R. *see* Takai, M. 12609
Mimura, Y. *see* Horiuchi, T. 32258
Mimuro, T., Miichi, Y., Maemura, T., Hayafune, K. Functions and devices of Mitsubishi active safety ASV 29866
Min, B.-D. *see* Kim, S.-I. 52650
Min, B.-H., Park, C.-M., Han, M.K. Novel polysilicon thin film transistor with buffer oxide 12986
Min, B.Y., Agahdel, F., Griswold, B., Husain, S., Roebuck, R., Rizzio, S.P. Burn in and dynamic test carrier for KGD 52292
Min, G. Saturation problem of L^p-approximation by Hermite-Fejer interpolation 568
Min, G. *see* Rowe, D.M. 9564
Min, H.B., Park, E.S. Graph-theoretic algorithm for finding maximal supergates in combinational logic circuits 11139
Min, J., Chu, P.K., Cheng, Y.C., Liu, J.B., Iyer, S.S.K., Cheung, N.W. Nucleation mechanism of SPIMOX (separation by plasma implantation of oxygen) 2325
Min, J. *see* Lu, X. 22529
Min, K. *see* Willis, M., Jr. 8663
Min, M., Parve, T. Improvement of the vector analyser based on two-phase switching mode synchronous detection 48406
Min, M., Parve, T. Current mode signal processing in lock-in instruments for electrical bio-impedance measurement 59608
Min, M. *see* Ajaots, M. 9881
Min, P.S., Hegde, M.V., Chandra, A., Maunder, A. Analysis of banyan-based copy networks with internal buffering 16073
Min, S.-K. *see* Kim, E.K. 52792
Min, S.-K. *see* Kim, S.-I. 52650
Min Byoung Goo *see* Byoung Goo Min
Min Byoung-Gue *see* Byoung-Gue Min
Min Byung-Don *see* Byung-Don Min
Min Byung-Hyuk *see* Byung-Hyuk Min
Min Byung-Kwon *see* Byung-Kwon Min
Min Cao *see* Zhongjian Chen 43073
Min Chang-Shik *see* Chang-Shik Min
Min Che Chon *see* Yie-Shein Her 10951
Min Duan *see* Duan Min
Min Gon Kim *see* Sung Soo Jung 17871
Min Hao *see* Chen Xuyun 56807
Min Hao *see* Li Hong 53354
Min Hao *see* Liu Bao 12844
Min Hao *see* Zhou Ting 56805
Min Hao *see* Zhou Xiaofang 53358
Min Hao *see* Hao Min
Min Hla *see* Hla Min
Min Ho Choi *see* Jun Kyun Choi 26246
Min Hong Shick *see* Hong Shick Min
Min Hong-Shick *see* Hong-Shick Min
Min Hwang Sung *see* Sung Min Hwang
Min Jeon, Young Soo Kim Migration technique for rotor synthetic aperture radar 48080
Min Ji *see* Ji Min
Min Jiahua *see* Sang Wenbin 10683
Min Jing *see* Jing Min
Min Junhong *see* Junhong Min
Min Kang Young *see* Young Min Kang
Min Kim Chang *see* Chang Min Kim
Min Kim Jeong *see* Jeong Min Kim
Min Kim Jong *see* Jong Min Kim
Min Kwon Young *see* Young Min Kwon
Min Kyeong-Sik *see* Kyeong-Sik Min
Min Kyu Song, Seung Goo Kang, Nam Hwang, Hee Tae Lee, Seong Su Park, Kwang Eui Pyun Laser

weldability analysis of high-speed optical transmission device packaging 296
Min Kyu Song *see* Seong-Su Park 3838
Min Kyung-Hoon *see* Kyung-Hoon Min
Min Lee Duck *see* Duck Min Lee
Min Lee Jong *see* Jong Min Lee
Min Lee Kuan *see* Kuan Min Lee
Min Lee Seung *see* Seung Min Lee
Min Ma, C. The simplicity of a 3D simple point after its neighbors are deleted 5007
Min Min Zhu *see* Min Zhu Min
Min Moon Jeong *see* Jeong Min Moon
Min Nai-Ben *see* Chen Xiang-Fei 44693
Min Naiben *see* Bao Ximao 42403
Min Ouyang *see* Ouyang Min
Min Park, Seonghearn Lee, Hyun Kyu Yu, Jin Gun Koo, Kee Soo Nam High Q CMOS-compatible microwave inductors using double-metal interconnection silicon technology 21977
Min Pei *see* Pei Min
Min Qian *see* Ruixin Wu 36868
Min Shi Wei *see* Wei Min Shi
Min Sik Jo, Chang Hee Nam Transient stimulated Brillouin scattering reflectivity in CS_2 and SF_6 under multipulse employment 44624
Min Soo Park *see* Hye Yong Chu 24007
Min Soo Park *see* Hyo-Hoon Park 3820
Min Soo Park *see* Hyo-Hoon Park 24004
Min Su Cho *see* Hee Jin Lim 47264
Min Su Jang *see* Byung Gyu Chae 23176
Min Su Jang *see* Yong Suk Yang 23177
Min Su Jang *see* Yong Suk Yang 43586
Min Su Jeong *see* Duck Min Lee 40960
Min Suk-Ki *see* Suk-Ki Min
Min Wang *see* Wang Min
Min Woo Park, Jae Choon Yang, Hak Soo Han, Yong Gun Shul, Tae Hee Lee, Yong Ii Cho Heteropolyacid ($H_3PW_{12}O_{40}$) incorporated solid polymer electrolyte for PEMFC 51544
Min Xiao, Kryder, M.H. Fabrication process for very high density shielded spin valve magnetoresistive heads 43680
Min Xiao *see* Hong-Yi Fan 45477
Min Xu, Kurdahi, F.J. Layout-driven RTL binding techniques for high-level synthesis 1083
Min Xu, Kurdahi, F.J. ChipEst-FPGA: a tool for chip level area and timing estimation of lookup table based FPGAs for high level applications 40833
Min Xu *see* Shiquan Tao 43922
Min Yang *see* Agarwal, S. 32835
Min Yih Wang, T., Savage, C.D. A Gray code for necklaces of fixed density 462
Min Yinghua *see* Yinghua Min
Min Younki *see* Younki Min
Min Zeng *see* Zeng Min
Min Zhang The gradient associated conjugate direction method 24527
Min Zhang *see* Xiaolin Tong 4136
Min Zhang *see* Xiaolin Tong 14448
Min Zhang *see* Xiaolin Tong 24260
Min Zhang *see* Xiaolin Tong 55945
Min Zhang *see* Xing Bi Chen 54163
Min Zhang *see* Xuhong Hu 53156
Min Zheng *see* Zheng Min
Min Zheng Wei *see* Wei Min Zheng
Min Zhu Min *see* Liu Hong Wang 57384
min Zhu Shao *see* Shao min Zhu
Min-Cheol Oh, Sang-Yung Shin Polymeric polarization-independent modulator incorporating twisted optic-axis waveguide polarization converters 3455
Min-Cheol Oh, Sang-Yung Shin, Wol-Yon Hwang, Jang-Joo Kim Poling-induced waveguide polarizers in electro-optic polymers 44025
Min-Cheol Oh, Wol-Yon Hwang, Jang-Joo Kim Integrated-optic polarization controlling devices using electro-optic polymers 33131
Min-Cheol Oh, Wol-Yon Hwang, Kwangjoon Kim Transverse-electric/transverse-magnetic polarization converter using twisted optic-axis waveguides in poled polymers 55280
Min-Chie Jeng *see* Yuhua Cheng 12991
Min-Chie Jeng *see* Yuhua Cheng 21826
Min-Goo Kim On systematic punctured convolutional codes 34549
Min-Gou Wang, Sawa, I. Comparison of switching behavior of miniaturization relay with single and twin contacts 11830
Min-Gu Cho *see* Hyung-Sik Kim 35658
Min-Ho Hyun *see* Hae-Dong Lee 1202
Min-Ho Lee *see* Tae-Je Cho 216
Min-Ho Park *see* Hong-Woo Rhew 19688
Min-Ho Park *see* Hong-Woo Rhew 50898
Min-Hua Jiang *see* Jiang Min-Hua
Min-Hua Lu Bistable reflective cholesteric liquid crystal display 33139
Min-Huei Kin *see* Bose, B.K. 51750
Min-Hung Yeh *see* Soo-Chang Pei 667
Min-Hwa Chi, Bergemont, A. True low-voltage flash memory operations 1375
Min-Hyon Jeon *see* Moon-Deock Kim 24017
Min-Jen Tsai, Villasensor, J.D., Feng Chen Stack-run coding for low bit rate image communication 56961
Min-Jen Tsai *see* Ho, B.K.T. 18272
Min-Jeong Kim, Kwan-Hong Ryu A comparison of two search algorithms for solving the channel assignment problem 47751
Min-Jin Ko, Plawsky, J., Birnboim, M. Fabrication of CdS/Ag hybrid quantum dot composites using a melt/quench method 826
Min-Kang Chao *see* Sheng-Wen Cheng 50253
Min-Ki Kim, Young-Bin Kwon Multi-font and multi-size character recognition based on the sampling and quantization of an unwrapped contour 5600
Min-Koo Han *see* Byung-Hyuk Min 12934
Min-Koo Han *see* Byung-Hyuk Min 22797
Min-Koo Han *see* Cheol-Min Park 22580
Min-Koo Han *see* Cheol-Min Park 22799
Min-Koo Han *see* Cheol-Min Park 41783
Min-Koo Han *see* Dong-Young Yi 13289
Min-Koo Han *see* Doo-Sung Shin 19375
Min-Koo Han *see* Jae-Hong Jun 22874
Min-Koo Han *see* Juhn-Suk Yoo 2624
Min-Koo Han *see* Kwon-Young Choi 12936
Min-Koo Han *see* Kwon-Young Choi 22795
Min-Koo Han *see* Kwon-Young Choi 54670
Min-Koo Han *see* Moo-Sup Lim 53969
Min-Koo Han *see* Seong-Dong Kim 2710
Min-Koo Han *see* Seung Hwang-Bo 13273
Min-Koo Han *see* Seung-Ik Jeon 23110
Min-Koo Han *see* Uk-Song Kang 17264
Min-Koo Han *see* Yong-Sang Kim 43012
Min-Kyu Kim *see* Chang Seop Koh 50010
Min-Kyu Kim *see* Jang-Sung Chun 44991
Min-Kyu Kim *see* Jeong-Tae Park 51024
Min-Kyu Song *see* Nara Hwang 3842
Min-Kyu Song *see* Song Min-Kyu
Min-Qian Li *see* Li Min-Qian
Min-Seok Jang *see* Dong-Seong Park 5835
Min-Seok Jang *see* Dong-Seong Park 5837
Min-Seop Jeong, Seehyun Kim, Jongseo Sohn, Wonyong Sung Wordlength optimization of an MPEG-2 audio decoder 56302
Min-Soo Kim *see* Ki-Jin Kwon 49445
Min-Suk Lee, Eun Kyu Kim, Seong-Il Kim, Seong-Min Hwang, Chun Keun Kim, Suk-Ki Min, Jeong Yong Lee InGaAs layer effect on the growth of AlGaAs/GaAs quantum wires on V-grooved InGaAs/GaAs substrates 40374
Min-Suk So *see* Cheol-Seong Lee 47758
Min-Teh Cheng *see* Sheng Zhong 52328
Min-Xian Wu *see* Ji-Hong Feng 25307
Min-Yong Jeon, Hak Kyu Lee, Kyong Hon Kim, El-Hang Lee, Seok Hyun Yun, Byoung Yoon Kim, Yeon Wan Koh An electronically wavelength-tunable mode-locked fiber laser using an all-fiber acoustooptic tunable filter 14003
Min-Yong Jeon *see* Cheoul-Shin Kang 48016
Min-Yong Jeon *see* Hak Kyu Lee 26805
Min-You Wu, Wei Shu Scheduling for large-scale parallel video servers 6379
Min-Zhong Yu, Brown, B. Variation of topographic visually evoked potentials across the visual field 28351
Mina, S.W., Un, C.K. Performance of a burst admission control scheme based on prediction of cell losses 5796
Mina Falsarella, O. *see* Krause, S. 57715
Minadeo, M.M., Obitz, D.L. IPC solder mask specifications: a marriage of high reliability with telecommunications 39759
Minaev, A.N. *see* Gulkov, A.N. 51910
Minaev, A.N. *see* Turmov, G.P. 50122
Minaev, S. *see* Bogdanovich, B. 37129
Minaev, S.A. *see* Krietenstein, B. 37143
Minagawa, H., Ohnishi, N., Sugie, N. Tactile-audio diagram for blind persons 18558
Minagawa, H., Suzuki, Y., Kawabata, J., Shimokawa, K., Ueda, Y., Iwasaki, S., Shinohara, J., Ueno, H., Nishizawa, E., Sakurai, H., Kaburagi, M., Iida, M., Nogi, K., Kudo, I., Kitagawa, S., Suzuki, N. Control of levitation in electromagnetic levitators under microgravity 33856
Minagawa, K. *see* Takimoto, J. 978
Minagawa, S. *see* Suzuki, M. 52649
Minagawa, S. *see* Tanaka, T. 33576
Minagawa, T. *see* Minamitani, Y. 33365
Minai, M. *see* Kaneko, Y. 27767
Minakata, H. *see* Goto, K. 42396
Minakata, M. *see* Kadota, M. 3014
Minakata, M. *see* Kawaguchi, T. 10688
Minakata, M. *see* Kawaguchi, T. 13637
Minakawa, A., Imaoka, T., Imai, N. A millimeter-wave band MMIC dual-quadrature up-converter using multilayer directional couplers 21971
Minakawa, A. *see* Imaoka, T. 21972
Minakawa, M. *see* Noumi, H. 37073
Minaki, M. *see* Kobayashi, T. 22225
Minakov, G.D. *see* Baru, S.E. 37227
Minami, A. *see* Yoshida, K. 55303
Minami, F. *see* Ito, H. 22379
Minami, F. *see* Takano, M. 1546
Minami, F. *see* Uchino, T. 11273
Minami, H., Sasaoka, H. High-performance soft-decision decoding method using table-aided algorithm for block code 14839
Minami, H. *see* Ishihara, T. 51530
Minami, H. *see* Kitano, T. 43130
Minami, H. *see* Takano, H. 22661
Minami, K., Akutsu, A., Tonomura, Y., Hamada, H. An interface for sound browsing in video handling environment 58593
Minami, K., Moriuchi, T., Esashi, M. Damping control for packaged micro mechanical devices 54849
Minami, K., Ohkuma, Y., Nakajima, H., Toyoshima, T. Real-time ventricular arrhythmia detection with Fourier analysis and neural network 49639
Minami, K., Xiaodong Zheng, Ota, M., Amin, M.R., Tanaka, K., Watanabe, T. Linear dispersion relation of double period slow wave structure for high-power backward wave oscillators 22181
Minami, K., Zheng, X.D., Ohta, M., Amin, M.R., Watanabe, T. Double period slow wave structure for long pulse operation of a high-power backward wave oscillator 12108
Minami, K. *see* Choi, J. 32587
Minami, K. *see* Gotoh, S. 49822
Minami, K. *see* Kong, S. 43411
Minami, K. *see* Lim, G. 8085
Minami, K. *see* Mizuno, J. 13170
Minami, K. *see* Sugihara, M. 12006
Minami, K. *see* Sugihara, M. 43410
Minami, M., Ohki, N., Ishida, H., Yamanaka, T., Shimizu, A., Ishibashi, K., Satoh, A., Kure, T., Nishida, T., Nagano, T. A 6.93-μm^2 full CMOS SRAM cell technology for 1.8-V high-performance cache memory 53300
Minami, N. *see* Marumoto, K. 22678
Minami, N. *see* Wada, H. 60893
Minami, S. *see* Tanimori, T. 37261
Minami, T., Kakumu, T., Takeda, Y., Takata, S. Highly transparent and conductive ZnO-In_2O_3 thin films prepared by d.c. magnetron sputtering 40537
Minami, T., Kuroi, Y., Takata, S. Stability of oxide and sulfide phosphor thin films as the emitting layer of TFEL devices 55413
Minami, T. *see* Brosio, A. 26856
Minami, T. *see* Kajiwara, Y. 4934
Minami, T. *see* Matsuhashi, S. 4935
Minami, T. *see* Nanto, H. 36767
Minami, T. *see* Suguri, K. 1447
Minami, Y., Furui, S. Adaptation method based on HMM composition and EM algorithm 14927
Minami, Y., Ichikawa, T., Endo, M., Kawaguchi, T. Novel contamination free primary imaging dry film and new controlling method of tin/lead plating bath 11965
Minami, Y. *see* Kumamaru, T. 60451
Minami, Y. *see* Sekiguchi, A. 42895
Minamide, M. *see* Yasuda, K. 706
Minamide, M. *see* Yasuda, K. 10767
Minamihaba, T. *see* Hasegawa, T. 39733
Minamitake, C. *see* Miyazaki, T. 21523
Minamitani, H. *see* Lee, B.C. 59663
Minamitani, H. *see* Yamamoto, T. 27537
Minamitani, T. *see* Ramsey, B.D. 37286
Minamitani, Y., Sugitatsu, A., Minagawa, T., Matsusita, Y., Nakatani, H. Development of an arc free KrF excimer laser and its lifetime characteristics 33365
Minamiyama, T. *see* Koseki, T. 13729
Minamizawa, M., Iijima, M., Abe, M., Ueno, S., Akai, T., Nukiwa, M., Miyamoto, H., Ihara, T., Hamano, T. Development of PLGA889 utilizing flip-chip bonding on build-up substrate 10170
Minamizawa, M., Iijima, M., Ueno, S., Akai, T., Nukiwa, M., Ihara, T., Hamano, T., Soekawa, K., Miyazawa, Y., Shirotsuki, T. Plastic LGA889 using flip-chip bonding on build-up substrate 52217
Minamoto, Y. *see* Ohnishi, T. 38885
Minano, J.C. *see* Sala, G. 38650
Minardi, M.J., Ingram, M.A. Finding misconvergences in blind equalizers and new variance constraint cost functions to mitigate the problem 16020
Minari, Y. *see* Mieno, Y. 29254
Minarik, M. *see* Balaz, I. 13358
Minarini, C. *see* Cocorullo, G. 33314
Minasian, R.A. *see* Alameh, K.E. 55532
Minasian, R.A. *see* Janos, M. 23800
Minassian, A. *see* Crofts, G.J. 33440
Minassian, V. *see* Chen, C.H. 34486
Minato, K. *see* Fujii, N. 35599
Minato Shin-Ichi *see* Shin-Ichi Minato
Minbaeva, M.K. *see* Leiderman, A.Yu. 12326
Mincai He *see* He Mincai
Mincer, T.R. *see* Downing, W.G., Jr. 37591
Minch, A. *see* Diorio, C. 1633
Minch, B.A. *see* Hasler, P. 1573
Minch, J., Chang, C.S., Chuang, S.L. Four-wave mixing in a distributed-feedback laser 44654
Minch, J., Shun-Lien Chuang, Chih-Sheng Chang, Fang, W., Young-Kai Chen, Tanbun-Ek, T. Theory and experiment on the amplified spontaneous emission from distributed-feedback lasers 55681
Minch, J. *see* Fang, W. 33499
Minchenko, A.V. *see* Afonin, A.G. 37086
Mincheol Shin *see* Seongjae Lee 2142
Minck, J. *see* Strassberg, D. 48411
Minden, G.J. *see* Tennenhouse, D.L. 25971
Mindge Jin, Guangming Wang Electron-hole recombination range under the control of a Langmuir-Blodgett film barrier 33280
Mindt, J. ASIC design at the limits. A universal mixed-signal device 31402
Mine, P. *see* Amiranoff, F. 17898
Mine, R., Kobayashi, T., Shirai, K. Speech recognition in nonstationary noise based on parallel HMMs and spectral subtraction 56398
Mineev, A.R. Accelerated testing of electrical-engineering equipment 10033
Mineev, O.V. *see* Dementyev, D.V. 37249
Minegishi, S. *see* Kawamata, K. 14656

Mineji, A., Hamada, K., Saito, S. Investigation of lateral and vertical profiles enhanced by implantation 12691
Mineji, A. *see* Saito, S. 31749
Minelli, E. *see* Forges, F. 40017
Minelly, J.D., Chen, Z.J., Laming, R.I., Caplen, J.E. Efficient cladding pumping of an Er^{3+} fibre 26818
Minelly, J.D. *see* Fermann, M.E. 33403
Minelly, J.D. *see* Galvanauskas, A. 33406
Minelly, J.D. *see* Vienne, G.G. 13567
Minelly, S., Kelly, S.W., Bahra, R. Clinical trial of the non-invasive recording of His-Purkinje System signals 49616
Minemoto, H. *see* Ishizuka, S. 58793
Minemoto, T., Osugi, Y., Mizukawa, H., Ishikawa, J. Effect of dynamic range input image on performance of binary subtracted joint transform correlator 35269
Minemoto, T. *see* Nakagawa, K. 14358
Minemoto, T. *see* Nakagawa, K. 55312
Minemoto, T. *see* Osugi, Y. 33747
Minemura, K., Yoshida, Y., Kubota, F. Effects of temporary location registration for statistical paging area selection scheme 6592
Minenna, M. *see* Cannistra, G. 8964
Mineo, N., Nishino, A., Shikata, M., Yamada, K., Murai, H., Sakai, S., Ozeki, Y., Ushikubo, T. Optical transmitter module for 10 Gb/s optical transmission systems: hybrid integration of EA-modulator/DFB-laser and GaAs driver IC 16796
Miner, B. *see* Altman, P. 59762
Miner, C.J. *see* Noel, J.-P. 14098
Miner, G. *see* Nanda, A.K. 22486
Miner, G. *see* Riley, T.J. 22512
Miner, G.F. *see* Thompson, D.G. 8342
Miner, J. Bar codes, quality control and the information highway 52303
Minerd, T.M. Time division multiplexed bus for machine control 61380
Minerva, R. *see* Licciardi, C.A. 47259
Minervin, I.N. *see* Piskorzh, V.V. 34864
Minervini, J. *see* Bruzzone, P. 55100
Minervini, J.V. *see* Jeong, S. 43863
Minervini, J.V. *see* Vysotsky, V.S. 43776
Minervini, J.V. *see* Vysotsky, V.S. 43777
Minestrini, M., Ferrario, M., DeMasi, W., Merlo, V., Tazzari, S. Preliminary results on niobium sputtered films inside TESLA type cavities 37114
Minestrini, M. *see* Alessandria, F. 49017
Minestrini, M. *see* Castellano, M. 37018
Minet, O., Heinitz, J., Muller, G. Investigations concerning the dielectric properties of breast tumors. Method and results of ex-vivo-measurements 28342
Minet, O. *see* Muller, G. 59527
Minet, P. *see* Jacquet, P. 47077
Minet, P. *see* Jacquet, P. 47080
Minet, P. *see* Jacquet, P. 47081
Mineta, T., Kobayashi, S., Watanabe, Y., Kanauchi, S., Nakagawa, I., Suganuma, E., Esashi, M. Three-axis capacitive accelerometer with uniform axial sensitivities 27925
Minetomo, K., Yoshitomi, T., Haga, A. A comprehensive video information network system for the Toda Motorboat Race Stadium 27185
Minetti, B. *see* Agnello, M. 37458
Ming, A. *see* Fallaha, A. 28961
Ming, J. *see* O'Boyle, P. 14889
Ming, N.B. *see* Sun, L. 10847
Ming, Z. *see* Gelfand, M.S. 14771
Ming Cal, Hal Zhou Constitutive equivalent principle and an ideal absorption condition for the FDTD method in isotropic lossy dispersive media 14556
Ming Chang *see* Yeu-Chuen Huang 17845
Ming Chang Kow *see* Kow Ming Chang
Ming Cheng *see* Siu, G.G. 45447
Ming Cheng *see* Cheng Ming
Ming Cheung Chu *see* Chu Ming Cheung
Ming Chu Chung *see* Chung Ming Chu
Ming De Li *see* Li Ming De
Ming Ding, Cheo, P.K. Dependence of ion-pair induced self-pulsing in Er-doped fiber lasers on emission to absorption ratio 14006
Ming Ding, Cheo, P.K. Effects of Yb:Er-codoping on suppressing self-pulsing in Er-doped fiber lasers 33424
Ming Fang, Darwin Liang, Jingqing Han, Weixing Lu, Yang Ye, Yixin Ni A new emergency control approach to enhance transient stability [of power systems] 19176
Ming Fang, Liang, D., Shufei Jiang, Yixin Ni Design and testing of the bipolar 12-pulse HVDC protection system 19284
Ming Fang *see* Guoxiu Li 19707
Ming Fang *see* Guoxiu Li 19726
Ming Hai *see* Yang Bao 14016
Ming Han Wei *see* Han Wei Ming
Ming Hong Ling *see* Qian Yi 36694
Ming Hsieh Der *see* Der Ming Hsieh
Ming Hu *see* Shen, B. 13190
Ming Hu *see* Hu Ming
Ming Hui Chen *see* McConnell, M.V. 28274
Ming Ji *see* Ji Ming
Ming Jin *see* Qiang Du 589
Ming Jin *see* Qiang Du 40199
Ming Li, Kristjansson, S., Eriksson, N., Larsson, A. Multiplexed computer-generated waveguide hologram using gratings with different spatial frequencies 14444
Ming Li, Sheard, S.J. Experimental study of waveguide grating couplers with parallelogramic tooth profiles 13677
Ming Li, Wu, P.S. Pyramid edge detection for color images 57405
Ming Li *see* Ghisoni, M. 44778
Ming Li *see* He, G.S. 33397
Ming Li *see* Kristjansson, S. 44500
Ming Li *see* Tingdi Liao 44030
Ming Li *see* Wu, P.S. 25679
Ming Li *see* Wu, P.S. 57406
Ming Lin Chuang *see* The Nan Chang 56147
Ming Lin Kwang *see* Kwang Ming Lin
Ming Liou *see* Lakamsani, P. 5173
Ming Liu Ker *see* Ker Ming Liu
Ming Luo *see* Mai Wu 48904
Ming Nai-Ben *see* Nai-Ben Ming
Ming Naiben *see* Naiben Ming
Ming Ni *see* Zhi-Ping Jiang 4986
Ming Ni *see* Ni Ming
Ming Qi *see* Qi Ming
Ming Qin, Qing-An Huang, Tong-Li Wei Influence of silicon doping density on vacuum field emission triode at high frequency range 12080
Ming Qin *see* Qin Ming
Ming Shiau *see* Chen, C.H. 34486
Ming Sun, Mingzhe Rong, Qiping Wang, Degui Chen Modification of Ag-plated contacts by nitrogen ion implantation 11843
Ming Tan, Lafond, C.V. PERFEX: a cellular performance support expert 16631
Ming Wang *see* Wang Ming
Ming Wang, C., Lam, C.T. Confidence limits for proportion of conformance 39900
Ming Xu, Deng-Ke Yang Dual frequency cholesteric light shutters 33145
Ming Xu *see* Xu Ming
Ming Yang *see* Yang Ming
Ming Ye *see* Ye Ming
Ming Yeong Teo *see* Siang Kok Sim 46178
Ming Ying Kuo, Ching Chuan Kuo, Mei Shong Kuo New transmission line systems for accumulating power from distributed renewable energy 60347
Ming Zhang, Er, M.H. Simple unified algorithm for estimating and tracking location of desired talker by microphone arrays 14948
Ming Zhang, Er, M.H. Sensor location calibration for bearing estimation 15211
Ming Zhang, Mak, A.F.T. A finite element analysis of the load transfer between an above-knee residual limb and its prosthetic socket–roles of interface friction and distal-end boundary conditions 18540
Ming Zhang, Wang, W.K. Investigation of film growth for amorphous Nb/Si multilayers 888
Ming Zhang *see* Zhang Ming
Ming Zhen *see* Zhen Ming
Ming Zhou, Zeng Ji Liu Comparison of two recycle dilated banyan network with output buffers 5797
Ming Zou *see* Zou Ming
Ming-C Cheng The kinetic distribution function in multi-valley semiconductors evolving at the momentum relaxation scale 54065
Ming-Chao Chiang, Boult, T.E. Efficient image warping and super-resolution 25461
Ming-Cheng Chiang *see* Yeong-Kang Lai 1494
Ming-Cheng Lin Materials of boiler facilities for thermal power plants 50774
Ming-Chi Liaw *see* Wein-Town Sun 42382
Ming-Chieh Lee, Wei-Ge Chen, Lin, C.B., Chuang Gu, Markoc, T., Zabinsky, S.I., Szeliski, R. A layered video object coding system using sprite and affine motion model 35187
Ming-Chien Shan, Davis, J.W., Weimin Du, Qiming Chen Business process flow management and its application in the telecommunications management network 5992
Ming-Chih Du *see* Yu-Chee Tseng 57685
Ming-Ching Chen *see* Jian-Jang Huang 54214
Ming-Chung Liang, Tei-Wei Kuo, LihChyun Shu BAP: a class of abort-oriented protocols based on the notion of compatibility 5867
Ming-Chung Lin, Li-Der Shieh Simultaneous measurements of water impact on a two-dimensional body 36977
Ming-Chwen Yang, Ja-Ling Wu, Yuh-Ming Huang Normal bases expansion of the discrete cosine transform 56573
Ming-Da Liu *see* Liu Ming-Da
Ming-Der Shieh, Jyh-Ming Horng, Ming-Hwa Sheu, Yu-Chin Hsu A CAD system for automatic synthesis of generalized asynchronous circuits 11292
Ming-Der Shieh *see* Chie Dou 5751
Ming-Der Shieh *see* Ming-Hwa Sheu 1502
Ming-Dou Ker, Chung-Yu Wu, Chien-Chang Huang, Hun-Hsien Chang, Chau-Neng Wu, Ta-Lee Yu Area-efficient layout design for output transistors with consideration of ESD reliability 32437
Ming-Dou Ker, Chung-Yu Wu, Hun-Hsien Chang, Chien-Chang Huang, Chau-Neng Wu, Ta-Lee Yu ESD reliability of thinner gate oxide in deep-submicron low-voltage CMOS technology 32558
Ming-Dou Ker, Chung-Yu Wu, Tain-Shun Wu Area-efficient layout design for CMOS output transistors 43283
Ming-Dou Ker, Hun-Hsien Chang, Chung-Yu Wu A gate-coupled PTLSCR/NTLSCR ESD protection circuit for deep-submicron low-voltage CMOS ICs 22981
Ming-Dou Ker, Tain-Shun Wu Novel octagonal device structure for output transistors in deep-submicron low-voltage CMOS technology 43302
Ming-Dou Ker *see* Chau-Neng Wu 31266
Ming-Fa Tsai, Ying-Yu Tzou A transputer-based adaptive speed controller for AC induction motor drives with load torque estimation 61116
Ming-Fa Tsai *see* Ying-Yu Tzou 9627
Ming-Feng Shih, Segev, M., Salamo, G. Three-dimensional spiraling of interacting spatial solitons 44741
Ming-Feng Shih *see* Hongxing Meng 55853
Ming-Guo Liu *see* Liu Ming-Guo
Ming-Hsien Chou *see* Arbore, M.A. 4033
Ming-Hwa Sheu, Shun-Fa Cheng, Ming-Der Shieh A pipelined VLSI with module structure design for discrete wavelet transforms 1502
Ming-Hwa Sheu *see* Ming-Der Shieh 11292
Ming-Jer Chen *see* Chih-Yao Huang 13120
Ming-Jer Jeng, Jenn-Gwo Hwu Enhanced nitrogen incorporation and improved breakdown endurance in nitrided gate oxides prepared by anodic oxidation followed by rapid thermal nitridation in N_2O 12746
Ming-Jer Jeng, Jenn-Gwo Hwu Thin-gate oxides prepared by pure water anodization followed by rapid thermal densification 12752
Ming-Jer Jeng, Jenn-Gwo Hwu Preparation of low-temperature fluorinated oxides by anodic oxidation in dilute hydrofluosilicic acid (H_2SiF_6) solution 32213
Ming-Jer Lo *see* Lo Ming-Jer
Ming-Jie Xie *see* Jun Li 3682
Ming-Jiu Hwang *see* Gwo-Hshiung Tzeng 8790
Ming-Ju Ho, Stuber, G.L., Chow, P. Radio coverage prediction for in-building simulcast microcells 47734
Ming-Ju Tsai, Chinglung Chen, Alexopoulos, N.G. Three-dimensional modeling for electromagnetically coupled microstrip antennas of arbitrary shape 34389
Ming-Ju Tsai, Chinglung Chen, Alexopoulos, N.G., Tzyy-Sheng Horng Multiple arbitrary shape via-hole and air-bridge transitions in multilayered structures 21967
Ming-Ju Tsai, De Flaviis, F., Fordham, O., Alexopoulos, N.G. Modeling planar arbitrarily shaped microstrip elements in multilayered media 45279
Ming-Ju Tsai *see* Chinglung Chen 21881
Ming-Ju Tsai *see* Chinglung Chen 34388
Ming-Ju Yang, Taylor, S.J., Yamaguchi, M. Analysis of heteroepitaxial AlGaAs/Si tandem solar cell for concentrator applications 38986
Ming-Ju Yang *see* Taylor, S.J. 54574
Ming-Ju Yang *see* Yamaguchi, M. 37975
Ming-Jun Lai On C^2 quintic spline functions over triangulations of Powell-Sabin's type 520
Ming-Jyi Jang, Chieh-Li Chen Fuzzy successive modelling and control for time-delay systems 24997
Ming-Kwei Lee, Hu, C.C. Flatness improvement of GaAs observed by atomic force microscopy using flow rate modulation epitaxy 30766
Ming-Ling Chen *see* Bi-Zhen Dong 12838
Ming-Qi Meng *see* Fei Lu 33077
Ming-Qi Meng *see* Ke-Ming Wang 23532
Ming-Rong Shen, Hao Wang, Zhao-Yuan Ning, Chao-Ye, Zhao-Xing Ren Modelling the substrate-temperature-dependence of diamond film growth 915
Ming-Shan Wu *see* Chung-Lin Huang 25333
Ming-Sheng Huang *see* Huang Ming-Sheng
Ming-Shiann Feng *see* Wei-Tsu Tseng 54380
Ming-Shih Tsai *see* Wei-Tsu Tseng 54380
Ming-Sing Lu *see* Horng-Hai Loh 46193
Ming-Su Chen *see* Chen Ming-Su
Ming-Syan Chen *see* Chung-Sheng Li 46049
Ming-Sze Tong, Yinchao Chen Finite difference time-domain analysis of a gaussian wave propagating in planar stratified media 56013
Ming-Ta Hsieh *see* Campbell, S.A. 22798
Ming-Tak Ko *see* Jun-Wei Hsieh 5293
Ming-Tao Chen *see* Wen-Hao Tsai 17706
Ming-Tat Ko *see* Meng-Huang Lee 58589
Ming-Tsung Tsai *see* Chin-E Lin 40899
Ming-Tsung Tsai *see* Ching-Lien Huang 50857
Ming-Une Jen *see* Jen Ming-Une
Ming-Wang Tu, Gupta, I.J., Walton, E.K. Application of maximum likelihood estimation to radar imaging 27008
Ming-Wen Chang *see* Ching-Cherng Sun 24274
Ming-Wen Chang *see* Hsin-Hua Chang 33653
Ming-Wen Chang *see* Pie-Yau Chien 27603
Ming-Wen Chang *see* Ren-Han Tsou 23452
Ming-Wen Chang *see* Wei Shen 17840
Ming-Wen Chang *see* Yau-Sheng Chang 33770
Ming-Xiu Quan *see* Shan-Dong Li 52837
Ming-Yang Chern *see* Jung-Shiong Chang 25279
Ming-Yang Chern *see* Shi-Hong Leng 5616
Ming-Yi Chen, De-Zhu Wu Multi-aperture overlap-scanning technique for moire metrology 36901
Ming-Yi Li, Kanamaluru, S., Kai Chang Ka-band aperture coupled microstrip antenna array fed by modified insulated image line 34468
Ming-Yi Li *see* Kanamaluru, S. 34479
Ming-Yi Li *see* Kanamaluru, S. 56220
Ming-Yi Li *see* Shyh-Jong Chung 34427
Ming-Yih Kao, Saunier, P., Ketterson, A.A., Yarborough, R., Hua-Quen Tserng 20 GHz power

PHEMTs with power added efficiency of 68% at 2 volts 43153
Ming-Yin Hao, Nayak, D., Rakkit, R. Impact of boron penetration at P+-poly/gate oxide interface on deep-submicron device reliability for dual-gate CMOS technologies 54804
Ming-Young You *see* Cheng-Shang Chang 25841
Ming-Yuan Yeh *see* Ching-Ting Lee 54264
Ming-Yue Ding *see* Ding Ming-Yue
Ming-Zhu Liu *see* Guang-Di Hu 40215
Mingbo Chen *see* Chen Mingbo
Mingchih Chen, Feldman, R.M. Optimal replacement policies with minimal repair and age-dependent costs 52360
Mingchih Chen *see* Feldman, R.M. 10209
Mingcho Wu *see* Shih-Hsiang Hsu 36153
Mingchun Li, Zheng Li Eliminate impulsive noise according to its performance in optic fiber baseband transmission system 6834
Mingchun Zhang *see* Zhang Mingchun
Mingcui Cao *see* Cao Mingcui
Mingda Liu *see* Liu Mingda
Mingde Li *see* Li Mingde
Mingfu Li, Zsehong Tsai Deterministic performance bounds in a window-based token ring network supporting two priorities 57806
Mingguo Liu *see* Duorong Yuan 32982
Mingguo Liu *see* Liu Mingguo
Minghao Duan *see* Duan Minghao
Minghua Chen *see* Chen Minghua
Minghua Jiang *see* Jiang Minghua
Minghua Li *see* Li Minghua
Minghua Wen *see* Wen Minghua
Minghui Chen *see* Chen Minghui
Minghui Liu *see* Liu Minghui
Mingjiang Bao *see* Bao Mingjiang
Mingjie Li *see* Li Mingjie
Mingjie Xu *see* Xu Mingjie
Mingjuan Wang *see* Wang Mingjuan
Mingjun Wang *see* Wang Mingjun
Mingjun Zhao *see* Vorontsov, M.A. 23593
Minglian Zhang *see* Zhang Minglian
Minglu Jin, Kwak, K.S. A new method of decoding very low rate convolutional codes 45641
Mingming Jiang *see* Jiang Mingming
Mingo, J.de *see* de Mingo, J.
Mingqi Cui *see* Cui Mingqi
Mingqiang Huang *see* Huang Mingqiang
Mingren Yu *see* Yu Mingren
Mingrui Zhang *see* Zhang Mingrui
Mingshan Yan *see* Yan Mingshan
Mingsheng Zhang *see* Zhang Mingsheng
Mingsong Sun *see* Sun Mingsong
Mingst, B.C. Simulation of radiological accidents 9052
Mingu Wu *see* Parkan, C. 9959
Minguez, E. *see* Perlado, J.M. 7758
Mingui Sun *see* Fu-Chiang Tsui 4420
Mingwen Yuan *see* Yuan Mingwen
Mingwu Fan *see* Fan Mingwu
Mingxi Wan, Bei Jiang, Wenwu Cao Direct measurement of ultrasonic velocity of thin elastic layers 36982
Mingxiang Yu *see* Yu Mingxiang
Mingyan Wang *see* Wang Mingyan
Mingyan Yu *see* Yu Mingyan
Mingye Liu *see* Dongxiao Zhang 52983
Mingye Liu *see* Liu Mingye
Mingyi Ling *see* Ling Mingyi
Mingyi Liu *see* Liu Mingyi
Mingyu Yao, Petrenko, A., Bochmann, G.V. A structural analysis approach to the evaluation of fault coverage for protocol conformance testing 16088
Mingyuan Gao *see* Gao Mingyuan
Mingyue Ding *see* Ding Mingyue
Mingyun Sun *see* Sun Mingyun
Mingzhang Ren *see* Ren Mingzhang
Mingzhe Lu *see* Chun-Te Li 46117
Mingzhe Rong *see* Ming Sun 11843
Mingzhen Jiang *see* Jiang Mingzhen
Mingzhen Xu *see* Changhua Tan 12569
Mingzhen Xu *see* Xu Mingzhen
Mingzhong Rao *see* Rao Mingzhong
Mingzhong Yang *see* Yang Mingzhong
Mingzhou Ding Synchronizing hyperchaos for communication 4414
MingZhou Zhao, ZhiQiang Huang, LinZhuang Sha, Zhen Xu The properties of LPcvd Si_3N_4/SiO_2 film electret based on silicon 54902
MingZou Zhao *see* ZhiQiang Huang 54903
Minh Hoang Ngoc *see* Hoang Ngoc Minh
Minh Nguyen *see* Chen Wu 31487
Minh Ta-Cao, Neto, J.L.S., Hoang Le-Huy Fuzzy logic based controller for induction motor drives 20132
Minh Thien Le *see* Thibault, L. 36315
Minh Toug, Gauthier, R., Gross, V. Study of gated pnp as an ESD protection device for mixed-voltage and hot-pluggable circuit applications 24352
Minhang Bao, Weiyuan Wang Future of microelectromechanical systems (MEMS) 2867
Minhang Bao *see* Xinxin Li 32591
Minhua Jiang *see* Duorong Yuan 32982
Minhua Jiang *see* Jingwen Zhang 4083
Minhua Jiang *see* Xiaodong Mu 44642
Minhua Jiang *see* Jiang Minhua
Minhua Sheng *see* Rawat, B. 58788
Minhua Wen *see* Wen Minhua
Minhui, Z. *see* Xixing, Z. 16944
Minhyuk Chang *see* Iksu Choy 15504
Minialga, V. Investigation of holographic correlator with the traveling wave light modulator 55934
Minic, S.S. Optimal configuration of the urban mid-voltage cable network 19310
Minichiello, F. *see* Bellia, L. 20213
Miniewicz, A. *see* Bartkiewicz, S. 14429
Miniewicz, A. *see* Bartkiewicz, S. 24294
Miniewicz, A. *see* Januszko, A. 24295
Minigawa, S. *see* Uchida, K. 32220
Minin, V.I. *see* Ustinov, V.V. 23350
Minina, N. *see* Hansen, O.P. 22306
Minina, N.Ya. *see* Kraak, V. 12270
Minjie Xie, Adoul, J.-P. Embedded algebraic vector quantizers (EAVQ) with application to wideband speech coding 14906
Minjun Ye *see* Ye Minjun
Mink, J.W. *see* Nuteson, T.W. 53554
Minka, T.P. *see* Picard, R.W. 57320
Minkenberg, N. *see* Behrens, V. 11825
Minkevicius, S. *see* Puskorius, S. 30440
Minkovich, N.P. *see* Borisov, V.I. 14360
Minkovich, V.P. *see* Borisov, V.I. 14360
Minlos, R. *see* Bassalygo, L. 45492
Minne, S.C., Manalis, S.R., Atalar, A., Quate, C.F. Independent parallel lithography using the atomic force microscope 54544
Minne, S.C. *see* Manalis, S.R. 13192
Minnich, C. *see* Bagen, S. 1877
Minnich, C. *see* Bagen, S. 53866
Minning, C.P. *see* Schroeder, J.H. 31666
Minnis, P. *see* Mayor, S. 18768
Mino, H. *see* Sakuta, Y. 27886
Mino, K., Niki, N., Nakasato, N., Yoshimoto, T. An estimation algorithm for neuromagnetic source distribution using MRI information 59500
Mino, K., Niki, N., Nakasato, N., Yoshimoto, T. A magnetic source estimation in the cortical region 59511
Mino, M. *see* Matsumoto, S. 32566
Mino, R. *see* Manasson, V. 4357
Mino, S., Ohyama, T., Akahori, Y., Hashimoto, T., Yamada, Y., Yanagisawa, M., Muramoto, Y. A 10 Gb/s hybrid-integrated receiver array module using a planar lightwave circuit (PLC) platform including a novel assembly region structure 3668
Mino, S., Ohyama, T., Akahori, Y., Yamada, Y., Yanagisawa, M., Hashimoto, T., Itaya, Y. 10 Gbit/s hybrid-integrated laser diode array module using a planar lightwave circuit (PLC)-platform 3884
Mino, Y. *see* Aoshima, Y. 9301
Mino, Y. *see* Wakatani, A. 57156
Minoda, A., Nagao, M., Kosaki, M. Short-circuit treeing phenomena and space charge injection in EPR at cryogenic temperature 60401
Minoda, H., Sakamoto, S., Yagi, K. In situ REM observations of surfactant-mediated epitaxy: growth of Ge on Si(111) surfaces mediated by Bi 40406
Minoda, H. *see* Haikawa, Y. 27194
Minoh, A. *see* Shimizu, F.O. 33363
Minoh, M. *see* Tsuda, K. 25721
Minomura, M. *see* Matsuguchi, M. 58712
Minomura, S. *see* Mori, Y. 22289
Minondo, M., Boussey, J., Kamarinos, G. The impact of the substrate preamorphisation on the electrical performances of p+/n silicon junction diodes 2582
Minoni, U., Scotti, G., Docchio, F. Non-incremental interferometric distance meter 27891
Minor, C.P. *see* Allison, W.W.M. 37269
Minor, J.F. *see* Liu, C.T. 2641
Minoru, S., Satoshi, I., Syuzo, M., Masahiro, N., Yuji, T., Hirofumi, S. Nuclear power piping 3-D-CAD system: INPULS 29019
Minotti, P., Le Moal, P., Buchaillot, L., Ferreira, A. Traveling wave ultrasonic motors. I. Modeling of the mechanical energy transduction at the stator/rotor interface 3023
Minotti, P. *see* Ferreira, A. 3025
Minotti, P. *see* Ferreira, A. 32776
Minotti, P. *see* Ferreira, A. 48502
Minotti, P. *see* Le Moal, P. 3024
Minoura, H. *see* Hayashi, K. 61074
Minoux, M. *see* Maculan, N. 52392
Minowa, I. *see* Inglis, A.D. 27242
Minowa, M., Ito, Y., Ootani, W., Nishigaki, K., Kishimoto, Y., Watanabe, T., Inoue, Y., Ootuka, Y. Bolometric direct dark matter search at the University of Tokyo 36582
Minoyama, K. *see* Kakimoto, N. 60230
Minqian Li *see* Mengjia Sun 4110
Minqian Li *see* Li Minqian
Minqing Zhong, Bing-Zhong Wang, Gaofeng Wang Time domain transmission properties of multi-vias 22102
Minquan Bao *see* Bao Minquan
Minshall, G. *see* Newman, P. 25928
Minsheng Liu, Lacroix, A. Improved vocal tract model for the analysis of nasal speech sounds 14985
Minsheng Wang, Chan, A.I., Chui, C.K. Wigner-Ville distribution decomposition via wavelet packet transform 45767
Minsong Sun *see* Sun Minsong
Minster, J.F. *see* Remy, F. 28655
Mintchev, M., Stickel, A., Bowes, K. Impact of different electrode surface areas on validity of human electrogastrograms 49674
Minten, W., De Moor, B., Vandewalle, J. How can different interpretations and use of bond graph parameters be avoided? 40080
Minter, V. *see* Slaney, A.J. 44092
Minthorne, R. *see* Kennedy, J. 35924
Minton, G. IIOP specification: a closer look 25925
Mints, R.G. Nonlocal Josephson electrodynamics 43800
Minty, M. *see* Decker, F.-J. 37122
Mintz, M. *see* Kamberova, G. 17792
Mintzer, D. *see* Taiwei Lu 46110
Minuco, G. *see* Colombo, R. 37593
Minuye Fu *see* Dasgupta, S. 40861
Minxi Li *see* Li Minxi
Minxian Wu *see* Jinhui Zhai 43923
Minxian Wu *see* Shifu Yuan 13760
Minxian Wu *see* Wenyi Feng 48415
Minxing Qu *see* Qu Minxing
Minxue Tang *see* Jianhong Wu 44793
MinYong Ahn *see* Hyungik Kim 47308
Minyue Fu *see* Dasgupta, S. 45820
Minyue Fu *see* Williamson, G.A. 11591
Minyue Fui *see* Erwei Bai 45486
Minzhi Zhou *see* Zhou Minzhi
Minzu, V., Henrioud, J.-M. Systematic approach for workstation determination in single model assembly systems 52173
Mio, K., Moisan, E. Bilinear noise cancellation 48155
Miodushevskii, P.V. *see* Kazaryan, A.A. 36507
Mion, A. *see* Meneghesso, G. 2728
Mion, A. *see* Meneghesso, G. 43152
Miot, C. *see* Proust, C. 52846
Miotello, A. *see* Capelletti, R. 32124
Miquel, J.L. *see* Nail, M. 33259
Mir, S., Lubaszewski, M., Courtois, B. Fault-based ATPG for linear analog circuits with minimal size multifrequency test sets 27395
Mir, S., Lubaszewski, M., Courtois, B. Unified built-in self-test for fully differential analog circuits 27396
Mir, S. *see* Lubaszewski, M. 10038
Mir, Y.A. *see* Mayer, J.R.R. 58998
Mir-Fakhraei, N. ATM switching architectures for wafer-scale integration 6422
Mirabbaszadeh, K. *see* Parvin, P. 44329
Mirabedini, A.R., Mawst, L.J., Botez, D., Marsland, R.A. MOCVD-grown GaAs-based resonant tunneling diodes with peak current densities in excess of 300 kA/cm^2 2585
Mirabella, O. *see* Cavalieri, S. 6048
Mirabella, O. *see* Cavalieri, S. 6263
Mirabella, O. *see* Cavalieri, S. 10040
Mirabella, O. *see* Cavalieri, S. 16298
Mirabella, O. *see* Cavalieri, S. 47059
Mirabella, O. *see* Cavalieri, S. 47060
Mirabella, O. *see* Di Stefano, A. 16299
Mirabella, O. *see* Di Stefano, A. 26236
Miragliotta, J., Benson, R.C. Analysis of stearic acid adsorbed on silver surfaces using optical spectroscopic techniques 21385
Miragliotta, J., Wickenden, D.K. Electroreflectance from gallium nitride using second-harmonic generation 14387
Miragliotta, J.A. *see* Colvin, A.E., Jr. 36776
Miragliotta, J.A. *see* Schuster, P.R. 3533
Miram, G. *see* Cattelino, M. 53929
Miranda, E., Faigon, A., Campabadal, F. Analysis of experimental current oscillations in MOS structures using a semi-empirical tunneling model 22467
Miranda, F.A., Mueller, C.H., Treece, R.E., Rivkin, T.V., Thompson, J.B., Moutinho, H.R., Dalberth, M., Rogers, C.T. Effect of $SrTiO_3$ deposition temperature on the dielectric properties of $SrTiO_3/YBa_2Cu_3O_{7-\delta}/LaAlO_3$ structures 54923
Miranda, F.A. *see* Creason, A.S. 48359
Miranda, F.A. *see* Harkness, S.D., IV 43477
Miranda, F.A. *see* Mejia, M. 48393
Miranda, F.A. *see* Sabataitis, J.C. 41407
Miranda, F.A. *see* Winters, M.D. 43750
Miranda, G.C.De *see* De Miranda, G.C.
Miranda, H., Munoz, J.L., Chen, D.-X. AC susceptibility and domain-wall dynamics in iron-based amorphous ribbons 13420
Miranda, H.A., Jr Competitive power and fresh water for arid coastal regions 50856
Miranda, J., Rodriguez-Fernandez, L. Energy calibration of a small accelerator using proton induced X-ray emission and ion backscattering 17981
Miranda, L.C.M. *see* Cruz Orea, A. 12361
Miranda, V. *see* Fidalgo, J.N. 19099
Miranian, M. *see* Giffard, R.P. 27333
Miranian, M. *see* Giffard, R.P. 36364
Mirasgentis, S. *see* Kollas, J.G. 19598
Mirasso, C.R. *see* Lenstra, D. 26809
Mirasso, C.R. *see* Wieland, T. 55702
Miraucourt, J.M. The N4 1450-MW(electric) series: the new generation of French PWRs 9075
Mirazita, M. *see* Rossi, P. 18092
Mircea, A., Jahan, D., Ougazzaden, A., Delprat, D., Silvestre, L., Zimmermann, G., Manolescu, A., Manolescu, A.M. Computer modelling of selective area epitaxy with organometallics 40488
Mircea, A. *see* Zimmermann, G. 52646
Mircevski, A. *see* Andonov, B.S. 61232
Mirchandani, C., Kozlowski, C., Stuart, R., Bennett, T. The new generation spacecraft data simulator to test level zero processing systems 6043
Mirchandani, G. *see* Healy, D.M., Jr. 25764

Mirchandani, G. *see* Hongsheng Cai 58053
Mirea, G. *see* Caldararu, M. 3451
Mireault, R. *see* Jacquet, P. 36872
Mirebeau, P. *see* Coelho, R. 38374
Mirecki, B. *see* Niedoba, H. 43670
Mireles, C.G., Figueroa, J.M. UTC dissemination at CENAM (Mexico) 27934
Mirelli, V. *see* Chan, L.A. 25744
Mirenghi, L. *see* Rizzo, A. 3569
Mirenghi, L. *see* Verardi, P. 40626
Mires, J.De *see* De Mires, J.
Mirfakhraei, K., Horch, K. Recognition of temporally changing action potentials in multiunit neural recordings 28354
Mirfakhraei, N., Yongqun Tang Performance analysis of Benes networks under nonuniform traffic 5782
Mirfakhrai, N. *see* Agnello, M. 37458
Mirghafori, N., Fosler, E., Morgan, N. Towards robustness to fast speech in ASR 14929
Mirheydar, M. *see* Beissler, G. 19144
Mirhosseini, A.R., Yan, H. Neural networks for learning human facial features from labeled graph models 46154
Miri, A. *see* Sieber, B. 31952
Miri, Y. *see* Sone, K. 28491
Miric, A.Z. Printing of SMT adhesives 11870
Miric, M., Marold, N., Suhovec-Kelcec, S. Entering railway vehicles by disabled people–possible solutions 18561
Miridonov, S.V. *see* Shlyagin, M.G. 48588
Mirin, R.P. *see* Babic, D.I. 24003
Mirin, R.P. *see* Margalit, N.M. 44572
Mirjana, B. *see* Damir, M. 35368
Mirkazemi-Moud, M. *see* Reay, D.S. 38707
Mirko, M.N.D. *see* Milacic, V.R. 30123
Mirkovic, M., Stojanovic, I. Objective indicators of code quality for data compression 56292
Mirley, C.L. *see* Homma, H. 8933
Mirlin, D.N., Rodina, A.V. Polar interaction of two-dimensional electrons in quantum wells 12504
Mirman, B. Thermal stresses in thin small outline packages 10094
Mirman, B. Impact of tapering on interfacial stresses 10958
Mirman, B. *see* Michaelsen, C. 11888
Mirmehdi, M., Palmer, P.L., Kittler, J. Using target variance for optimum zoom setting in ATR 46229
Mirng-Ji Lii *see* Deyhim, A. 208
Mirnov, V.V. *see* Danilov, V.V. 8457
Miron, C. *see* Dobrota, V. 35781
Miron, D.B. The volume-loaded short dipole 34311
Miron, M. *see* Lamarche, L. 16669
Miron, P. *see* Enescu, E. 40673
Mironas, A. *see* Galdikas, A. 7477
Mironas, A. *see* Kaciulis, S. 12292
Mironenko, L.A. *see* Aleksandrov, A.V. 49205
Mironenko, L.A. *see* Anashin, V.V. 36549
Mironov, L.M. *see* Fel'dman, Yu.I. 20145
Mironov, O.A. *see* Kashirin, V.Yu. 12202
Mironov, V.S. *see* Kaminiskii, A.A. 44412
Mironov, Y. *see* Kazharsky, O. 55600
Mironov, Yu.M., Lavin, I.A. Static stability of a single-bridge convertor with current voltage and power controllers 51197
Mironov, Yu.M., Lavin, I.A. Transient processes in electroslag crucible melting installations 51846
Mironov, Yu.R. *see* Golovanov, A.V. 29101
Mironova, A.A. *see* Maletin, Y.A. 9470
Mironovskii, L.A., Slaev, V.A. Invariants in metrology and technical diagnostics 48280
Miroshnichenko, V.S. *see* Belous, O.L. 53995
Miroshnikov, M.M., Nesteruk, A.V., Nesteruk, V.F. Philosophical and informational-methodological questions of iconics 4416
Miroshnikov, M.M. *see* Erofeichev, V.G. 58824
Miroslav, B., Gordan, D. The modeling of the permanent-magnet step motor 19777
Miroslav, V.O. *see* Dobrivoje, S.P. 19696
Miroslav, V.O. *see* Dobrivoje, S.P. 19747
Mirotvorskil, V.S. *see* Brazhkin, B.S. 17212
Mirotvorsky, V.O., Stishkov, Y.K. Influence of near-electrode reaction on distribution of electric characteristics of "electrodes-liquid dielectric" system 23103
Mirotvorsky, V.O. *see* Kuchinsky, V.B. 23152
Mirotznik, M.S. *see* Panescu, D. 59573
Mirov, D.M. *see* Helvas, A.V. 35156
Mirov, S.B., Dergachev, A.Yu., Fleurov, V.B., Konyushkin, V.A. Alexandrite laser passive Q-switching and spectral output enhancing up to 0.7+1.15 μm 33451
Mirov, S.B., Grimes, G.J., Basiev, T.T. Superbroadband or multiwavelength transmitter for optical fiber communication systems 6740
Mirov, S.B. *see* Basiev, T.T. 3749
Mirov, S.B. *see* Basiev, T.T. 3780
Mirov, S.B. *see* Fleurov, V.B. 24225
Mirovitskaya, S.D. *see* Vorontsov, A.A. 24463
Mirovitskaya, S.D. *see* Vorontsov, A.A. 45051
Mirra, C.M. *see* Bisiach, L. 60426
Mirshekar-Syahkal, D. *see* Akhavan, H.G. 4318
Mirsky, E., DeHon, A. MATRIX: a reconfigurable computing architecture with configurable instruction distribution and deployable resources 21577
Mirsky, U. *see* Neftin, S. 1889
Mirsky, V.M., Krause, C., Heckmann, K.D. Capacitive sensor for lipolytic enzymes 36715
Mirth, J. *see* DeLyser, R.R. 20551
Mirtn, R., Gossard, A., Bowers, J. Room temperature lasing from InGaAs quantum dots 55726
Mirumyants, S.O., Maksimyuk, V.S. Fiber-optic system for the remote recording of explosive gases 59076
Mirumyants, S.O. *see* Andrianov, S.N. 58665
Mirza, A. Future directions in silicon micromachining for high-volume manufacturing 23088
Mirza, N.M. *see* Ahmad, N. 18125
Mirza, O.H. Usage of CLPU curve to deal with the cold load pickup problem 50564
Mirza, S.M. *see* Ahmad, N. 18125
Mirzai, A.R. *see* Hariri, F. 35122
Mirzai, B., Lim, D., Moschytz, G.S. Robust CNN templates: theory and simulations 31436
Mirzoev, T.M. *see* Gadzhiev, Ch.M. 48959
Mirzojan, A.N. *see* Esin, S.K. 37133
Mirzoyan, R. *see* Krawczynski, H. 37287
Mis, D. *see* Rinne, G. 22083
Mis, J.D., Rinne, G.A., Deane, P.A., Adema, G.M. Flip chip production experience: some design, process, reliability, and cost considerations 53831
Misaka, A., Goda, A., Matsuoka, K., Umimoto, H., Odanaka, S. A statistical critical dimension control at CMOS cell level 43298
Misaka, A., Harafuji, K. Simulation study of microloading phenomena in silicon dioxide hole etching 54409
Misaki, A. *see* Daugela, A. 10987
Misaki, H. *see* Shimura, T. 12770
Misaki, T. *see* Tsuboi, H. 44956
Misakian, M., Fenimore, C. Distributions of measurement errors for single-axis magnetic field meters during measurements near appliances 58961
Misawa, A., Sasayama, K., Matsunaga, T. Fast frequency selector for four-channel frequency-division-multiplexed 10-Gbit/s optical packets 26452
Misawa, A. *see* Yamada, Y. 47491
Misawa, H., Kojima, M. Dependence of velocity fluctuations on solar wind speeds from an IPS analysis method 34064
Misawa, H. *see* Asai, K. 27121
Misawa, H. *see* Kojima, M. 34063
Misawa, H. *see* Miura, O. 38378
Misawa, H. *see* Motobe, H. 1792
Misawa, K. *see* Anatychuk, L.I. 39436
Misawa, K. *see* Egawa, T. 51078
Misawa, M. *see* Onda, M. 58233
Mischo, H. *see* Pfeifer, T. 3936
Misek, J.R. *see* Kuchnir, M. 49019
Miserey, F. *see* Abid, R. 42976
Misewich, J.A. *see* Nahata, A. 33657
Misewich, J.A. *see* Zhou, C. 31646
Misezhnikov, G. *see* Shteinshleiger, V. 27025
Misezhnikov, G.S. *see* Shteinshleiger, V.B. 27026
Mishchenko, E.N. *see* Bezuglov, D.A. 7351
Mishchenko, M.I. Diffuse and coherent backscattering by discrete random media. I. Radar reflectivity, polarization ratios, and enhancement factors for a half-space of polydisperse, nonabsorbing and absorbing spherical particles 27122
Mishchenko, M.I., Wielaard, D.J., Carlson, B.E. T-matrix computations of zenith-enhanced lidar backscatter from horizontally oriented ice plates 58477
Mishchenko, Yu.V. Modulation laser interference refractometer for studying liquids 14496
Mishchenko, Yu.V. Influence of noise on the noise-immunity indices of laser interference refractometers 27956
Mishchuk, S.Y. *see* Khomich, A.A. 3503
Mishenskii, V.O. *see* Volkov, G.S. 18151
Mishima, K., Hibiki, T. Quantitative method to measure void fraction of two-phase flow using electronic imaging with neutrons 9044
Mishima, M. *see* Sato, K. 39393
Mishima, T. *see* Higuchi, K. 13016
Mishima, T. *see* Higuchi, K. 54414
Mishima, T. *see* Kotera, N. 12483
Mishima, T. *see* Ohshima, T. 41751
Mishima, T. *see* Tsukahara, M. 51620
Mishima, Y. *see* Yoshitomi, Y. 23325
Mishin, A.V. Design and application of microwave structure for low velocity particles 49203
Mishin, A.V., Polyakov, V.A., Shchedrin, I.S. Improved electron beam sources for compact linear accelerators 49277
Mishin, A.V., Schonberg, R., Deruyter, H., Roumbanis, T., Miller, R., Potter, J. Multiple beam coupled cavity microwave periodic structure 49062
Mishin, D.D., Skokov, K.P. Effect of heat treatment on the coercive force of permanent magnets of the Nd-Tb(Dy)-Fe-B type 55064
Mishin, V.A. *see* Kostritsa, S.A. 13979
Mishin, V.A. *see* Vasil'ev, S.V. 44374
Mishina, H., Okada, H., Nakamura, H. A new technology of screen printing method to solder bump forming applications 11986
Mishina, M. *see* Yamamura, K. 1098
Mishkevich, V. *see* Suhir, E. 13577
Mishori, B. *see* Leibovitch, M. 54160
Mishra, A., Kozik, J. Switching system performance under software reuse 6403
Mishra, A.K. *see* Ahuja, R.K. 52458
Mishra, B. *see* Brownson, R. 39932
Mishra, B.K. *see* Chakrabarti, P. 2675
Mishra, B.N. *see* Debnath, N. 18550
Mishra, G. *see* Panicker, J. 3913
Mishra, G.C. *see* Raman Suri, C. 36709
Mishra, G.C. *see* Suri, C.R. 18184
Mishra, G.K., Nath, P. An overview of NEAX-61E system 58069
Mishra, J.K., Mishra, S., Dash, G.N. A computer scheme to study the impulse response and frequency response of avalanche photodiodes 3599
Mishra, N.C. *see* Rath, C. 55034
Mishra, P.P. Effect of leaky bucket policing on TCP over ATM performance 5788
Mishra, P.P. *see* Kanakia, H. 16369
Mishra, P.R., Pandey, A.K., Joshi, J.C. Design of a battery voltage regulator based on maximum power point tracking and charge equalisation concepts 9557
Mishra, R.K., Dash, S.K. Resonant frequency of cold plasma embedded microstrip antenna 4368
Mishra, S. *see* Ahuja, M. 46777
Mishra, S. *see* Al-Mahdawi, T. 34199
Mishra, S. *see* Mishra, J.K. 3599
Mishra, S.K. Lagrange multipliers saddle points and scalarizations in composite multiobjective nonsmooth programming 498
Mishra, S.K. On sufficiency and duality for generalized quasiconvex nonsmooth programs 10346
Mishra, S.R. *see* Larose, C.L. 26953
Mishra, U. *see* Parikh, P. 1737
Mishra, U. *see* Underwood, R.D. 1912
Mishra, U.K. *see* Kapolnek, D. 40452
Mishra, U.K. *see* Keller, S. 40454
Mishra, U.K. *see* Look, D.C. 54085
Mishra, U.K. *see* Nguyen, N.X. 31494
Mishra, U.K. *see* Parikh, P. 43144
Mishra, U.K. *see* Parikh, P.A. 32457
Mishra, U.K. *see* Shealy, B. 1707
Mishra, U.K. *see* Shmagin, I.K. 33477
Mishra, U.K. *see* Underwood, R.D. 31692
Mishra, U.K. *see* Wu, X.H. 31803
Mishra, U.K. *see* Wu, Y.-F. 2724
Mishra, U.K. *see* Wu, Y.-F. 32074
Misiakos, K. *see* Gauthier, C. 59190
Misiakos, K. *see* Halmagean, E. 49576
Misiakos, K. *see* Haralabidis, N. 28048
Misiakos, K. *see* Haralabidis, N. 59328
Misic, M. Importance of equipment of small airports of the airfield lighting system 28582
Misiewicz, J., Sek, G., Ciorga, M., Sitarek, P., Kaniewska, M., Reginski, K., Muszalski, J. Photoreflectance measurements of GaAs-GaAlAs heterostructures grown by MBE 2134
Misiewicz, J. *see* Sek, G. 54215
Misir, D. *see* Shireen, W. 51289
Misir, R. *see* Mukhopadhyay, S. 33187
Misirpashaev, T.S., Paasschens, J.C.J., Beenakker, C.W.J. Localization in a disordered multi-mode waveguide with absorption or amplification 56112
Misiuk, A., Jung, W. The effect of pressure on the concentration of thermal donors in Czochralski grown silicon 22209
Misium, G. *see* Kittl, J.A. 22617
Misium, G.R. *see* Kittl, J.A. 2433
Misiurewicz, J. An algorithm for frequency estimation beyond the Nyquist range in MTI radar Doppler signal processing 6920
Miskinis, R., Rutkowski, P., Sashchuk, A., Urba, E., Fedoretz, V. Excitation and propagation of surface acoustic waves in monolithic structures GaAs-SiO_2-ZnO-Al 3016
Miskinis, V. *see* Korsakas, S. 49662
Miskioglu, I. *see* Leece, G.D. 20953
Miskovsky, N.M. *see* Lerner, P. 41776
Miskovsky, N.M. *see* Lerner, P. 53916
Misman, O. *see* Nami, Z. 52789
Mismar, M.J. *see* Ismail, T.H. 4291
Misono, M., Shimosaka, N., Shiozawa, T., Murakami, M., Fujiwara, M. Practical demonstration of WD/TD optical network for broadcasting station 16745
Misra, D. *see* Ganesh, S. 54475
Misra, D. *see* Swain, P.K. 54474
Misra, D.S. *see* Sharda, T. 21338
Misra, M. *see* Shah, K.S. 37339
Misra, M.M. *see* Shah, K.S. 37556
Misra, N. *see* Goel, A.K. 11386
Misra, P., Naishadham, K. Order-recursive Gaussian elimination (ORGE) and efficient CAD of microwave circuits 11737
Misra, P. *see* Naishadham, K. 21941
Misra, R.B. *see* Azad, A.K. 19092
Misra, S., Hewes, K., Gunturi, S. Evaluation of the sensitivity of a PECVD deposited oxynitride protective overcoat film with respect to process gas flows 40572
Misra, S.C.K. *see* Singh, S. 13643
Misra, S.S., Williamson, A.J. On temperature compensation for lead acid batteries in float service: its impact on performance and life 51461
Misra, V. *see* Arias, J.F. 5640
Misra, V.C. *see* Pal, R. 4361
Missaggia, L.J. *see* Donnelly, J.P. 3831
Missaggia, L.J. *see* Donnelly, J.P. 14195
Missaggia, L.J. *see* Walpole, J.N. 3824
Missala, T. Robot path and positioning error caused by sensor error 7120
Missbach, C., Kaulfuss, G. Development of district heating in Dresden 38592
Misselbrook, T.H. *see* Hyung Gi Byun 58878
Misselbrook, T.H. *see* Persaud, K.C. 27746
Missell, F.P. *see* Cornejo, D.R. 3247
Missell, F.P. *see* Watanabe, M.M. 884

Missert, N., Friedmann, T.A., Sullivan, J.P., Copeland, R.G. Characterization of electron emission from planar amorphous carbon thin films using in situ scanning electron microscopy 41769
Missey, M.J. *see* Grayson, T.P. 6969
Misson, H. *see* Charruau, S. 11043
Missous, M. *see* Aziz, A.A. 54697
Missous, M. *see* Buckle, P.D. 53636
Missous, M. *see* Whitaker, M.F. 22386
Missous, O. *see* Stoebe, T.G. 8198
Mistrick, R.G. *see* Clear, R. 39415
Mistrick, R.G. *see* Nader Saraiji, R.M. 39418
Mistry, K. *see* Taylor, T. 9372
Mistry, K.R. *see* Doyle, B.S. 2680
Mistry, K.R. *see* Doyle, B.S. 22848
Mistry, P.M. A convergence of wired and wireless over hybrid fiber coax 48237
Mistry, R., Savill, P., Tofanelli, A. OA&M for full services access networks 47436
Mistry, R. *see* Faulkner, D. 57722
Mistry, R.D. *see* Tofanelli, A. 26393
Misu, T. *see* Takagi, K. 47265
Mita, J. *see* Koiwa, I. 2913
Mita, J. *see* Koiwa, I. 22186
Mita, J. *see* Koiwa, I. 36826
Mita, J. *see* Ono, S. 52746
Mita, K. *see* Tamura, Y. 7083
Mita, M. *see* Hatori, M. 32999
Mita, R. *see* Kominami, S. 3292
Mita, S. *see* Kuroda, T. 5023
Mita, S. *see* Kuroda, T. 11245
Mita, T. *see* Villas-Boas, S.B. 38273
Mitachi, S. *see* Kobayashi, M. 43944
Mitachi, S. *see* Nagase, R. 26715
Mitachi, S. *see* Takada, K. 24309
Mital, D.P., Eam Khwang Teoh An automated matching technique for fingerprint identification 15743
Mital, D.P., Eam Khwang Teoh An automated matching technique for fingerprint identification 46143
Mital, D.P., Teoh, E.K., Amarasinghe, S.K. An automated matching technique for identification of fingerprints 35144
Mital, D.P., Teoh, E.K., Amarasinghe, S.K., Suganthan, P.N. A neural network based system for recognition of partially occluded shapes and patterns 35145
Mital, P.B. Bends in nonradiative dielectric guide 1682
Mital, P.B. *see* Rattan, S. 4370
Mitani, A. *see* Yoshida, N. 24961
Mitani, K., Nakano, M., Abe, T. Appropriate wafer preparation for thickness uniformity of PACE-processed SOI wafers 42296
Mitani, K., Nakano, M., Abe, T. Contribution of polished surface waviness to final SOI thickness uniformity of bonded wafers through PACE process 42335
Mitani, S. *see* Komatsubara, A. 60539
Mitani, T. *see* Otani, S. 9704
Mitani, Y., Mizushima, I., Kambayashi, S., Koyama, H., Takagi, M.T., Kashiwagi, M. Buried source and drain (BSD) structure for ultra-shallow junction using selective deposition of highly doped amorphous silicon 2318
Mitarai, S. *see* Nam, S.M. 21299
Mitarai, S. *see* Onishi, S. 43589
Mitcham, A.J., Cullen, J.J.A. Motors and drives for surface ship propulsion: comparison of technologies 29803
Mitcham, A.J. *see* Chippington, G.R. 29811
Mitcham, C. Justifying public participation in technical decision making 39963
Mitchel, W. *see* Redwing, J.M. 21271
Mitchel, W.C., Evwaraye, A.O., Smith, S.R., Roth, M.D. Hopping conduction in heavily doped bulk n-type SiC 54136
Mitchel, W.C. *see* Ahoujja, M. 31943
Mitchel, W.C. *see* Elhamri, S. 2213
Mitchel, W.C. *see* Evwaraye, A.O. 42018
Mitchel, W.C. *see* Kono, J. 32041
Mitchel, W.C. *see* Smith, S.R. 2575
Mitchell, B.J. Global exploration of Titan's climate: off the shelf technology and methods as an enabler 6035
Mitchell, C. *see* Faraji, B. 20927
Mitchell, C. *see* Meeson, S. 18450
Mitchell, C.D., Harper, M.P., Jamieson, L.H. Stochastic observation hidden Markov models 15070
Mitchell, C.E. The importance of thermal stability to the PCB and laminate industry 53737
Mitchell, C.E.J., Hill, I.G., McLean, A.B., Lu, Z.H. Sulfur passivated InP(100): surface gaps and electron counting 2384
Mitchell, C.J. *see* Chen, L. 24767
Mitchell, C.J. *see* Chen, L. 56283
Mitchell, C.J. *see* Hurlbert, G.H. 34554
Mitchell, C.M. *see* Chappell, A.R. 59940
Mitchell, C.M. *see* Weiner, A.J. 60008
Mitchell, E.E. *see* Dunford, R.B. 54149
Mitchell, E.E. *see* Watts, J.W. 50793
Mitchell, H.E. *see* Nigg, D.W. 8115
Mitchell, I.V. *see* Goldberg, R.D. 12698
Mitchell, I.V. *see* Huang, L.J. 54288
Mitchell, I.V. *see* Huang, M.B. 739
Mitchell, I.V. *see* Huang, M.B. 41832
Mitchell, I.V. *see* Labrie, D. 12431
Mitchell, I.V. *see* Noel, J.-P. 14098
Mitchell, I.V. *see* Pan, S. 22534
Mitchell, I.V. *see* Piva, P.G. 44599
Mitchell, I.V. *see* Simpson, T.W. 12701
Mitchell, J. *see* Kugelmass, S.M. 22655
Mitchell, J. *see* Shiloh, M. 32898
Mitchell, J.C. *see* Lincoln, P.D. 21044
Mitchell, J.D. *see* Gela, G. 50616
Mitchell, J.D. *see* Snyder, A.W. 24246
Mitchell, J.D., Jr. *see* Kientz, H.J. 28955
Mitchell, J.E. Fixing variables and generating classical cutting planes when using an interior point branch and cut method to solve integer programming problems 40095
Mitchell, J.R., Knollenberg, B.A. New techniques move in situ particle monitoring closer to the wafer 336
Mitchell, K.W., King, R.R., Jester, T.L. Cz Si photovoltaics: towards 100 MW 39000
Mitchell, K.W. *see* Gee, J.M. 39193
Mitchell, L. *see* Lockledge, J. 20503
Mitchell, L.B. *see* Hubley-Kozey, C.L. 59722
Mitchell, L.D. *see* Strean, R.F. 58690
Mitchell, L.D. *see* Strean, R.F. 59031
Mitchell, M.A. *see* Kettlewell, P.J. 59387
Mitchell, N.C. Processing and analysis of Simrad multibeam sonar data 16987
Mitchell, P. *see* Aldrich, W.S. 15778
Mitchell, P. *see* LaTulipe, D. 32301
Mitchell, P.V. *see* Dunning, G.J. 21398
Mitchell, P.V. *see* Pepper, D.M. 20963
Mitchell, P.V. *see* Pepper, D.M. 21396
Mitchell, R. *see* Carlson, D.W. 8659
Mitchell, R. *see* Larson, J.D., III 23432
Mitchell, R.L., Witt, C.E., Thomas, H.P., Herwig, L.O., Ruby, D.S., Aldrich, C.C. Benefits from the US photovoltaic manufacturing technology project 38652
Mitchell, R.L. *see* Hauss, B.I. 28707
Mitchell, S. Attitude determination and control for DARPASAT, a simple spinning spacecraft 49909
Mitchell, S. *see* Crane, J.K. 14087
Mitchell, S. *see* Csillag, F. 8415
Mitchell, S.A. *see* Blacker, T. 30667
Mitchell, S.E. *see* Paulsen, K.D. 8093
Mitchell, S.J.N. *see* Quinn, L.J. 10917
Mitchell, W. *see* Gradinaru, G. 31892
Mitelman, B. *see* Zaslavsky, A. 46942
Mitev, V. *see* Schoulepnikoff, L. 33633
Mitev, V. *see* Schoulepnikoff, L. 55868
Miteva, I. *see* Kabakchiev, C. 45888
Mithofer, D., Kaminsky, T. CableCure restoration of "water-tree" damaged medium-voltage cable–report on experience in Germany 38372
Mitiche, A., Aggarwal, J.K. Pattern category assignment by neural networks and nearest neighbours rule: a synopsis and a characterization 15661
Mitin, A. *see* Antipov, Yu. 37233
Mitin, K. *see* Afanasev, L. 33362
Mitin, K.V. *see* Afanasiev, L.A. 4056
Mitin, M. *see* Afanas'ev, L. 14296
Mitin, M.B. *see* Janovsky, L.S. 18744
Mitin, V. *see* Shah, P. 14181
Mitin, V.V. *see* Glavin, B.A. 54580
Mitkas, P.A. *see* Betzos, G.A. 13759
Mitkas, P.A. *see* Beyette, F.R., Jr. 23711
Mitkas, P.A. *see* Goertzen, B.J. 23460
Mitkas, P.A. *see* Hutton, J.F. 32987
Mitkas, P.A. *see* Irakliotis, L.J. 23465
Mitkas, P.A. *see* Irakliotis, L.J. 32988
Mitkas, P.A. *see* Irakliotis, L.J. 44141
Mitkas, P.A. *see* Lurkins, J.W. 33171
Mitkas, P.A. *see* Stanko, P.J. 33181
Mitler-Neher, S. *see* Einsiedel, H. 55287
Mitlin, D. *see* Blair, H.D. 40664
Mito, A. *see* Hase, H. 4016
Mito, A. *see* Ohba, K. 37311
Mito, K. A needle type therapeutic system incorporating laser light and lumin for immunotherapy of cancer growing in deep organs 8100
Mito, M., Hirano, M. B-ISDN signalling protocol processing for large multiplexed subscriber system 6421
Mito, T. *see* Kim, S.W. 43864
Mito, T. *see* Yokoi, S. 16274
Mito, T. *(editor)* Proceedings of the Symposium on Cryogenic Systems for Large Scale Superconducting Applications (NIFS-PROC-28) 20350
Mitola, J., III Software radio technology and applications to law enforcement 58217
Mitome, H., Pong Mang Yan, Ishii, R. Hardware design of dividers and its evaluation 11072
Mitome, H. *see* Kozuka, T. 23080
Mitomi, O. *see* Itaya, Y. 26909
Mitomi, O. *see* Itaya, Y. 55604
Mitomi, O. *see* Kurosaki, T. 23563
Mitomi, O. *see* Kurosaki, T. 23564
Mitomi, O. *see* Suzaki, Y. 44531
Mitra, A., Jau-Wen Chen, Micovic, M., Wen-Yen Hwang, Mayer, T.S., Miller, D.L., Das, M.B. Measurement and interpretation of the high-frequency characteristics of InAlAs/InGaAs/InP MSM photodetectors 7353
Mitra, A. *see* Kundu, D. 15348
Mitra, A.K. *see* Poirier, R.L. 49095
Mitra, B. *see* Ghatak, K.P. 31899
Mitra, B. *see* Menezes, V. 15998
Mitra, D., Reiman, M.I., Wang, J. The impact of time scale decomposition and NCD on ATM call admission control: a numerical study 35376
Mitra, D. *see* Igelnik, B. 34894
Mitra, H., Singh, S., Khan, R.U., Pal, B.B. Enhancement of cut off frequency by optical tuning in a high electron mobility transistor (HEMT) 2708
Mitra, J. *see* Singh, C. 50311
Mitra, M. *see* Ghatak, K.P. 22470
Mitra, P., Case, F.C., Reine, M.B., Starr, R., Weiler, M.H. Doping in MOVPE of HgCdTe: orientation effects and growth of high performance IR photodiodes 48560
Mitra, P., Tyan, Y.L., Case, F.C., Starr, R., Reine, M.B. Improved arsenic doping in metalorganic chemical vapor deposition of HgCdTe and in situ growth of high performance long wavelength infrared photodiodes 2306
Mitra, P.P. *see* Fee, M.S. 28359
Mitra, R.S., Bhattacharya, B., Lavagno, L. Asynchronous implementation of synchronous Esterel specifications 53176
Mitra, R.S., Roop, P.S., Basu, A. An overview of MICKEY: a knowledge-based hardware-software codesign framework for microprocessor-based systems 31204
Mitra, R.S. *see* Saha, D. 52973
Mitra, S., Mohan, C.R., Chaudhuri, P.P. On incorporation of BIST for the synthesis of easily and fully testable controllers 53193
Mitra, S. *see* Khan, A.R. 46379
Mitra, S.K. *see* Abreu, E. 5169
Mitra, S.K. *see* Abreu, E. 26482
Mitra, S.K. *see* Franca, J. 31409
Mitra, S.K. *see* Lightstone, M. 15476
Mitra, S.K. *see* Lightstone, M. 35296
Mitra, S.K. *see* Lightstone, M. 46244
Mitra, S.K. *see* Ramponi, G. 5247
Mitra, S.K. *see* Tian-Hu Yu 25313
Mitra-Dutta *see* Kan'an, A.M. 12429
Mitra-Dutta *see* Kan'an, A.M. 16697
Mitrelias, T., Kelling, S., Gruyters, M., King, D.A. High Q merit factor, low frequency acoustic resonant modes from a Pt{100} single crystal 18958
Mitrochenko, V.V. *see* Ayzatsky, M.I. 37115
Mitrofanov, A.L. *see* Buryi, E.V. 48869
Mitrofanov, N. *see* Smirnov, G. 18190
Mitrofanov, V.V. Analog coordinate-sensitive photoelectric converter 48562
Mitrokhin, M.V. *see* Aristov, V.I. 33141
Mitrokhin, M.V. *see* Aristov, V.L. 33142
Mitropol'skii, M.M. *see* Troussel, P. 3539
Mitros, J. *see* Chin-Yu Tsai 43347
Mitrou, N., Kontovasilis, K., Nellas, V. Bursty traffic modelling and multiplexing performance analysis in ATM networks: a three-moment approach 5673
Mitrou, N. *see* Hontas, S. 35415
Mitrouli, M., Karcanias, N., Koukouvinos, C. Numerical performance of the matrix pencil algorithm computing the greatest common divisor of polynomials and comparison with other matrix-based methodologies 10455
Mitrovic, M. *see* Carman, G. 18657
Mitrovic, N. *see* Stojanovic, D. 19686
Mitrovics, J. *see* Marco, S. 17583
Mitrovski, Z.I., Titlebaum, E.L. The issue of phase in specular multipath parameter estimation 25205
Mitsa, T. *see* Jiang Qian 25405
Mitschele-Thiel, A., Langendorfer, P., Henke, R. Design and optimization of high-performance protocols with the DO-IT toolbox 25955
Mitskevich, M.K. *see* Bushik, A.I. 22128
Mitsubayashi, H., Takahashi, A., Kajitani, Y. Cost-radius balanced spanning/Steiner trees 52929
Mitsubayashi, H., Takahashi, A., Kajitani, Y. Cost-radius balanced spanning/Steiner trees 54750
Mitsubori, K., Saito, T. Synchronization of chaos in simple circuits with dependent switched capacitor 1116
Mitsubori, K. *see* Tsubone, T. 1112
Mitsuda, K., Maeda, H., Urushibata, H. A polymer electrolyte fuel cell for transportable power-supply applications 9676
Mitsuda, K. *see* Yamashita, A. 59364
Mitsuda, T., Maru, N., Fujikawa, K., Miyazaki, F. Visual servoing based on the use of binocular visual space 35211
Mitsugi, N. *see* Nagata, H. 26816
Mitsuhara, M. *see* Sugiura, H. 31973
Mitsuhashi, A. *see* Okumura, T. 54461
Mitsuhashi, J. *see* Mazumder, M.K. 54278
Mitsuhashi, R. *see* Hatsuda, T. 34089
Mitsuhashi, T., Takahashi, M., Wada, Y., Yamagata, S. Development of a new current limiting technique by 3D nonlinear analysis of magnetic fields in arc chambers and its application to LV circuit breakers 38899
Mitsuhashi, T. *see* Tachibana, M. 21610
Mitsuhashi, T. *see* Uchino, T. 11273
Mitsuhashi, Y. *see* Hashimoto, S. 16232
Mitsui, H. *see* Ishida, M. 23252
Mitsui, H. *see* Iwasawa, T. 32602
Mitsui, H. *see* Iwasawa, T. 43429
Mitsui, H. *see* Iwasawa, T. 43435
Mitsui, H. *see* Moriyama, H. 32942
Mitsui, H. *see* Ohkubo, R. 22682
Mitsui, H. *see* Pecharanin, N. 53404
Mitsui, H. *see* Sakai, K. 19932
Mitsui, H. *see* Seguchi, T. 58089
Mitsui, H. *see* Takahashi, E. 41750
Mitsui, H. *see* Wada, Y. 60179
Mitsui, H. *see* Yamaguchi, Y. 10694

Mitsui, M. *see* Yano, K. 54576
Mitsui, S. *see* Kikuchi, Y. 31256
Mitsui, S. *see* Sunouchi, K. 41169
Mitsui, T. *see* Abe, K. 21136
Mitsui, T. *see* Komori, Y. 30653
Mitsui, T. *see* Saito, Y. 21188
Mitsui, Y. *see* Sekiguchi, T. 36959
Mitsuishi, M., Nakanishi, H., Watanabe, H., Kubota, H., Tomizawa, Y. A human interface which enables natural view selection during tele-micro-surgery 37840
Mitsuma, H. *see* Cao, X. 8754
Mitsumoto, H. *see* Otawa, H. 7946
Mitsumoto, M., Fujisaka, T., Kondo, M. Low-elevation target height measurement method using complex angle error signal in phase monopulse system 16857
Mitsumoto, S., Nagao, M., Kosaki, M. Effects of acetophenone on high-field electrical properties in polyethylene 32718
Mitsumoto, S. *see* Tohyama, K. 32703
Mitsunaga, M. *see* Graf, F.R. 33681
Mitsunaka, Y. *see* Hirata, Y. 22179
Mitsunobu, S. *see* Tajima, T. 17982
Mitsuo Sato On-board control computer [inertial guidance computer] 37958
Mitsuru, E. *see* Mikihiko, K. 21389
Mitsushima, Y. *see* Ohwaki, T. 40560
Mitsuta, A. *see* Tanaka, S. 61302
Mitsutake, T. *see* Morooka, S. 19510
Mitsutake, Y., Hirata, K., Ishihara, Y. Dynamic response analysis of a linear solenoid actuator 44987
Mitsuya, M. Determining the distribution of silicon monofluoride on hydrofluoric acid-treated Si(111) surface by exchange reaction with molecules at the solid/liquid interface 42421
Mitsuya, Y. *see* Ohka, M. 27472
Mitsuyama, Y. *see* Hashizume, S. 21069
Mitsuyu, T., Suzuki, T., Nishi, K., Ohyama, H., Tomimasu, T., Noda, S., Asano, T., Sasaki, A. Observation of ultrafast interband-light modulation by intersubband-light in n-doped quantum wells by using free electron laser 55918
Mitsuyu, T. *see* Nishi, K. 54170
Mitsuyu, T. *see* Ohyama, H. 54331
Mittag, L. Software debug options on ASIC cores 31401
Mittal, J.K. *see* Bhatnagar, R. 3922
Mittal, R., Bracken, K.C., Carley, L.R., Allstot, D.J. A low-power backward equalizer for DFE read-channel applications 21843
Mittal, R. *see* Belani, E. 53317
Mittal, R. *see* Kurup, R.R. 38305
Mittasch, C. *see* Schill, A. 5944
Mittelholzer, T. *see* Loeliger, H.-A. 24683
Mittelmann, H.D. *see* Berrut, J.-P. 40174
Mittelmann, H.D. *see* Berut, J.-P. 40144
Mittelstadt, D., Paasch, R., D'Ambrosio, B. Application of a Bayesian network to integrated circuit tester diagnosis 7191
Mitter, S.K. *see* Akra, M.A. 25619
Mitterauer, J. Field emission from microstructured thin liquid metal films 29494
Mittermayer, C. *see* Amon, M. 59790
Mittermayer, J., Scheiber, R., Moreira, A. The extended chirp scaling algorithm for ScanSAR data processing 16959
Mittleman, D.M., Jacobsen, R.H., Nuss, M.C. T-ray imaging 58969
Mittleman, D.M., Nuss, M.C., Cunningham, J., Geva, M. Noncontact wafer doping maps measured with T-rays 3537
Mittler, M. Two-moment analysis of alternative tool models with random breakdowns 10031
Mittler-Neher, S., Einsiedel, H. Photothermal beam deflection techniques: usefull tools for integrated optics 27953
Mittler-Neher, S. *see* Paul, S. 32343
Mittra, R., Ko, W.L., Wells, T., Cohen, A. A numerically-efficient scheme for computing the scattering from supporting struts and radome beams of a cassegrainian reflector antenna system 36298
Mittra, R. *see* Altman, Z. 33959
Mittra, R. *see* Altman, Z. 34347
Mittra, R. *see* Dey, S. 34408
Mittra, R. *see* Dey, S. 45319
Mittra, R. *see* Goswami, J.C. 33964
Mittra, R. *see* Kuzuoglu, M. 14583
Mittra, R. *see* Kuzuoglu, M. 45018
Mittra, R. *see* Park, I. 34218
Mittra, R. *see* Webb, D.B. 34251
Mittra, R. *see* Wenhua Yu 55996
Mittra, R. *see* Whites, K.W. 14562
Mittra, R. *see* Wiart, J. 37919
Mittra, R. *see* Yinchao Chen 39817
Mitts, H., Hansen, H. A simple and efficient routing protocol for the UMTS access network 6639
Mitts, H., Hansen, H., Immonen, J., Veikkolainen, S. Lossless handover for wireless ATM 47690
Mitts, H., Veikkolainen, S. Use of ABR flow control in wireless ATM systems 47755
Mittskus, A. *see* Riley, A.L. 58260
Mittskus, A. *see* Riley, L. 58257
Mitu, B. *see* Hascsi, Z. 41146
Mitu, F. *see* Badila, M. 43252
Mitura, S. *see* Dluzniewski, M. 22326
Mitura, S. *see* Lisik, Z. 40910
Mitwalli, A.H. *see* Jackson, D.K. 51195
Mityagin, Yu.A. *see* Karuzakii, A.L. 31493
Mityanina, N.V. *see* Karliner, M.M. 17956
Mitzenmacher, M. Load balancing and density dependent jump Markov processes 5869
Mitzenmacher, M. Bounds on the greedy routing algorithm for array networks 16136
Miu, D.K. *see* Shuyun Wu 23360
Miu, D.K. *see* Weilong Tang 23093
Miu Karen Nan *see* Karen Nan Miu
Miu-Ying Chan *see* Tai-Chin Lo 12813
Miu-Ying Chan *see* Tai-Chin Lo 12816
Miu-Ying Chan *see* Tai-Chin Lo 22621
Miura, A. *see* Aoki, I. 40950
Miura, A. *see* Baba, H. 49065
Miura, A. *see* Hanatani, S. 26810
Miura, A. *see* Miyaho, N. 26429
Miura, A. *see* Tobari, T. 41274
Miura, E. *see* Okuda, I. 33366
Miura, H., Ikeda, S., Suzuki, N. Effect of mechanical stress on reliability of gate-oxide film in MOS transistors 43032
Miura, H., Kumazawa, T., Nishimura, A. Effect of delamination at chip/encapsulant interface on chip stress and transistor characteristics 329
Miura, H., Nishimura, A. Effect of phosphorus doping on crystallization-induced stress of silicon thin films 12631
Miura, H., Ohshika, K., Masuda, H. Effect of passivation film stress on shift in threshold voltage of GaAs FETs 13024
Miura, H., Yasuda, T., Fujisawa, Y.K., Kuwana, Y., Takeuchi, S., Shimoyama, I. What is robot intelligence? 43373
Miura, H. *see* Hashimoto, T. 22530
Miura, H. *see* Ikeda, S. 43209
Miura, H. *see* Kuwana, Y. 36770
Miura, H. *see* Ohta, H. 22196
Miura, H. *see* Takahashi, A. 58904
Miura, I. *see* Hatanaka, K. 37195
Miura, I. *see* Maruki, T. 17200
Miura, J. *see* Mae, Y. 5070
Miura, J. *see* Okada, R. 25496
Miura, J. *see* Takizawa, H. 35314
Miura, K., Nakamae, K., Fujioka, H. Hierarchical fault tracing for VLSIs with bi-directional busses from CAD layout data in the CAD-linked EB test system 40995
Miura, K., Nakamae, K., Fujioka, H. Hierarchical fault tracing for VLSI sequential circuits from CAD layout data in the CAD-linked EB test system 41079
Miura, K., Tanaka, K., Hirao, K. Laser oscillation of a Nd^{3+}-doped fluoride glass microsphere 3741
Miura, K., Yasuno, Y. Long-term sensitivity changes in electret condenser microphones 58592
Miura, K. *see* Davis, K.M. 3433
Miura, K. *see* Niino, S. 20266
Miura, K. *see* Okamoto, N. 12032
Miura, K. *see* Sasaki, S. 243
Miura, K. *see* Tanaka, K. 26915
Miura, K. *see* Tanaka, K. 55430
Miura, K. *see* Terada, K. 44539
Miura, K. *see* Yamamoto, N. 13851
Miura, M. *see* Chu, S.T. 3535
Miura, M. *see* Kato, K. 198
Miura, M. *see* Tsunekawa, Y. 57400
Miura, N., Iio, M., Geyu Lu, Yamazoe, N. Sodium ion conductor based sensor attached with $NaNO_2$, for amperometric detection of NO_2 17570
Miura, N., Iio, M., Lu, G., Yamazoe, N. Solid-state amperometric NO_2 sensor using a sodium ion conductor 27732
Miura, N., Ishii, H., Yamada, A., Konagai, M., Yamauchi, Y., Yamamoto, A. Anomalous electrical characteristics of epitaxial InN films having a high electron concentration at very low temperature 54063
Miura, N., Kurosawa, H., Hasei, M., Lu, G., Yamazoe, N. Stabilized zirconia-based sensor using oxide electrode for detection of NO_x in high-temperature combustion-exhausts 27753
Miura, N., Shimamoto, Y., Imanaka, Y., Arimoto, H., Nojiri, H., Kunimatsu, H., Uchida, K., Fukuda, T., Yamanaka, K., Momoses, H., Mori, N., Hamaguchi, C. Low-dimensional systems in ultra-high magnetic fields: magnetic-field-induced type I to type II transitions in short-period semiconductor superlattices 2198
Miura, N., Yongtie Yan, Geyu Lu, Yamazoe, N. Sensing characteristics and mechanism of hydrogen sulfide sensor using stabilized zirconia and oxide sensing electrode 17591
Miura, N. *see* Ando, M. 36733
Miura, N. *see* Eaves, L. 42158
Miura, N. *see* Geyu Lu 27733
Miura, N. *see* Harada, T. 48736
Miura, N. *see* Kotera, N. 12483
Miura, N. *see* Shimizu, Y. 27462
Miura, N. *see* Shirakashi, J. 2739
Miura, N. *see* Shirakashi, J. 10929
Miura, N. *see* Tsuji, S. 2619
Miura, N. *see* Uchida, K. 12484
Miura, N. *see* Wang, P.D. 12490
Miura, N. *see* Wilkinson, P.B. 12477
Miura, N. *see* Yamanaka, K. 12485
Miura, N. *see* Yamaura, H. 36758
Miura, N. *see* Yamazoe, N. 17579
Miura, N. *see* Yamazoe, N. 17590
Miura, N. *see* Yamazoe, N. 27748
Miura, O., Ichiyanagi, N., Misawa, H., Hashimoto, N. Characteristics of laminated tape insulation in high vacuum at cryogenic temperature 38378
Miura, O. *see* Matsushita, T. 55092
Miura, R., Tanaka, T., Chiba, I., Horie, A., Karasawa, Y. Beamforming experiment with a DBF multibeam antenna in a mobile satellite environment 47805
Miura, R. *see* Inoue, T. 47638
Miura, R. *see* Ji, Y. 56195
Miura, R. *see* Sekiguchi, T. 21814
Miura, R. *see* Sekiguchi, T. 45444
Miura, R. *see* Tanaka, T. 35983
Miura, R. *see* Yu Ji 34442
Miura, S., Watanabe, K., Awaji, S., Motokawa, M., Kobayashi, N., Fukase, T. Water-cooled magnet for a 40 T compact hybrid magnet 4206
Miura, S. *see* Chiba, A. 58244
Miura, S. *see* Ichihangase, H. 58039
Miura, T., Kobayashi, M., Konishi, Y. Optimization of a lumped element circulator based on eigenvalue evaluation and structural improvement 21870
Miura, T., Shimura, T., Mori, K., Uneme, Y., Nakano, H., Inoue, A., Hattori, R., Tanino, N. High efficiency AlGaAs/GaAs power HBTs at a low supply voltage for digital cellular phones 32376
Miura, T., Taniguchi, T. A new method for tuning of exciting profile in microstepping of a stepping motor 29352
Miura, T. *see* Ishitobi, N. 11649
Miura, T. *see* Kurahashi, T. 16605
Miura, T. *see* Ogawa, Y. 16142
Miura, Y. Real-time testing of A/D converters by current testing 11544
Miura, Y. IDDQ sensor circuit 43273
Miura, Y., Fujieda, S. Transient photocurrent spectroscopy of trap levels in ultra-thin SiO_2 films 43338
Miura, Y., Kato, A., Manabe, T., Ihara, T. Experimental results on 100 Mbit/s digital transmission over a millimeter-wave indoor wireless channel at 60 GHz 58110
Miura, Y. *see* Kawai, M. 18334
Miura, Y. *see* Nozawa, M. 43865
Miura, Y. *see* Ohdachi, Y. 50943
Miura, Y. *see* Sawada, H. 18333
Miura, Y. *see* Yamazaki, H. 21652
Miura, Y. *see* Yoshida, T. 57944
Miura-Manausch, M. *see* Hoenigschmid, H. 54811
Miwa, H., Ammo, H., Ejiri, H., Kanematsu, S., Gomi, T. A complementary bipolar technology for low cost and high performance mixed analog/digital applications 22950
Miwa, H., Yamada, J., Ito, H. LP map distortion method 35535
Miwa, H. *see* Nakao, H. 22650
Miwa, H. *see* Yamada, J. 35527
Miwa, K. *see* Uchida, H. 60542
Miwa, S., Kimura, K., Yasuda, T., Kuo, L.H., Jin, S., Tanaka, K., Yao, T. ZnSe epitaxial growth on zinc- and selenium-treated GaAs(001) surfaces observed by STM 10762
Miwa, S., Li Hsin Kuo, Kimura, K., Yasuda, T., Yao, T. Structural change of As-stabilized GaAs(001)-(2×4) and -c(4×4) induced by zinc exposure 54374
Miwa, S., Ueda, T., Akiyoshi, M., Nishida, S. A learning environment for maintenance of power equipment using virtual reality 60955
Miwa, S. *see* Haga, Y. 12753
Miwa, S. *see* Kimura, K. 22521
Miwa, T., Yamada, H., Hirota, Y., Satoh, T., Hara, H. A 1-Mb 2-Tr/b nonvolatile CAM based on flash memory technologies 1332
Miwa, T. *see* Takahashi, A. 12047
Mix, D.E., Bar-Cohen, A. Hygro-thermal non-linear behavior of IC die-attach materials 30287
Mix, D.E., Bar-Cohen, A., Tamma, K.K. Finite element simulation of strain-stress fields in delaminated plastic IC packages 30254
Mixon, D.A. *see* Nalamasu, O. 42826
Miya, K. My memory of efforts in developing CCIR Recommendation 534-3: method for calculating sporadic-E field strength 4262
Miya, K. *see* Badics, Z. 40719
Miya, K. *see* Mizuno, O. 19495
Miya, K. *see* Uesaka, M. 18020
Miya, M. *see* Horiguchi, T. 57410
Miyachi, H., Enomoto, Y., Shimada, T., Horibe, R., Ishibashi, H. Read channel IC AN8623 for DVD 41252
Miyachi, I. *see* Aichi, H. 1752
Miyachi, I. *see* Ueda, T. 29506
Miyachi, M., Ogusu, M., Ohshima, S. Cross-talk penalty-free dense WDM system with a Littrow-mounted optical wavelength MUX 16725
Miyachi, T. *see* Marumoto, K. 31263
Miyadera, Y., Tsuchiya, A., Yaku, T., Konya, H. Network-based programming language education environment based on a modular program diagram 26213
Miyagashi, O. *see* Nohara, T. 35597
Miyagawa, M. *see* Yoshida, T. 9430
Miyagawa, S. *see* Nakao, S. 10790
Miyagawa, S. *see* Saitoh, K. 10757
Miyagawa, T. *see* Hanaoka, R. 23127
Miyagawa, T. *see* Koga, A. 23077
Miyagawa, Y. *see* Nakao, S. 10790

Miyagawa, Y. *see* Saitoh, K. 10757
Miyagi, H. *see* Yamashita, K. 31373
Miyagi, H. *see* Yamashita, K. 31374
Miyagi, H. *see* Yamashita, K. 34714
Miyagi, H. *see* Yamashita, K. 38719
Miyagi, K., Nanami, M., Kobayashi, I., Taniguchi, A. A compact optical heterodyne interferometer by optical integration and its application 59001
Miyagi, K. *see* Furukawa, H. 23935
Miyagi, M. *see* Abe, Y. 55241
Miyagi, M. *see* Fujii, M. 8170
Miyagi, M. *see* Tobise, D. 23628
Miyagi, M. *see* Uchida, T. 28069
Miyagi, M. *see* Uchida, T. 28394
Miyagi, M. *see* Watanabe, T. 3410
Miyagi, M. *see* You Wang 36944
Miyagi, S., Ogura, H. Estimation of noncausal model for random image with double peak spectrum 4956
Miyagi, S. *see* Sotooka, K. 48184
Miyagi, T. *see* Higuchi, K. 53856
Miyagi, T. *see* Li, X. 30886
Miyagishi, O. *see* Chung, M.S. 35819
Miyahara, H., Hatanaka, T., Arai, Y., Ikeda, M., Okimoto, S., Kato, N. EIC integrated system for labor saving in the basic oxygen furnace 27863
Miyahara, H. *see* Harai, H. 36081
Miyahara, H. *see* Harai, H. 47492
Miyahara, H. *see* Kadobayashi, Y. 57878
Miyahara, H. *see* Kamahara, J. 6335
Miyahara, H. *see* Kato, M. 46680
Miyahara, H. *see* Murata, M. 26344
Miyahara, H. *see* Ohsaki, H. 46565
Miyahara, H. *see* Ryu, B. 46595
Miyahara, H. *see* Ryu, B.H. 5890
Miyahara, H. *see* Shimonishi, H. 5710
Miyahara, K. *see* Tsuru, K. 31491
Miyahara, M. *see* Kameda, M. 25702
Miyahara, N. *see* Deguchi, H. 56138
Miyahara, N. *see* Ishiguro, M. 56192
Miyahara, S. *see* Hashiguchi, S. 18552
Miyahara, S. *see* Ikeda, H. 59310
Miyahara, S. *see* Okuno, S. 43577
Miyahara, Y. Saturation radiation power of the free electron laser in electron storage rings 17911
Miyahara, Y. Tracking simulation of the ions trapped in the nonlinear field of electron beams in storage rings 27998
Miyahara, Y. *see* Ando, A. 7771
Miyahara, Y. *see* Yongzhang Huang 41747
Miyahira, T. *see* Nichols, D.K. 43107
Miyahira, T.F. *see* Nichols, D.K. 21844
Miyaho, N., Itoh, A., Shiomoto, K. ATM node system technology for effective maintainability 26251
Miyaho, N., Miura, A. Integrated switching architecture and its traffic handling capacity in data communication networks 26429
Miyahura, Y. *see* Funagai, K. 32093
Miyai, H. *see* Lu, S. 56823
Miyaji, A. A message recovery signature scheme equivalent to DSA over elliptic curves 4548
Miyaji, S., Kato, T., Yamauchi, T. Ashing residues on TiN antireflective coating layers 13786
Miyajima, A. *see* Kato, Y. 43314
Miyajima, H. *see* Ito, M. 44596
Miyajima, H. *see* Kato, S. 58047
Miyajima, H. *see* Maeda, M. 56300
Miyajima, H. *see* Okuno, T. 22421
Miyajima, M. *see* Prokopets, A.G. 59278
Miyajima, T., Hasegawa, T. Multiuser detection using a Hopfield network for asynchronous code-division multiple-access systems 26488
Miyajima, T., Yamanaka, K. A nonlinear blind adaptive receiver for DS/CDMA systems 26490
Miyajima, T. *see* Miyataka, M. 18342
Miyajima, Y. Optical fiber amplifiers as a preamplifier 33421
Miyakawa, M. *see* Kanai, Y. 49770
Miyakawa, M. *see* Yamamoto, H. 361
Miyakawa, O. *see* Takanabe, S. 13734
Miyakawa, T. *see* Kojima, S. 46086
Miyake, H. *see* Enomoto, M. 35808
Miyake, J. *see* Tomioka, Y. 10086
Miyake, K., Hata, K., Shigekawa, H., Yoshizaki, R., Abe, T., Ozawa, T., Nagamura, T. STM study of Si(111)$\sqrt{3}\times\sqrt{3}$-R30°-B surface structure formed by HBO_2 irradiation 12176
Miyake, K. *see* Tanigawa, S. 10153
Miyake, M., Takahashi, M. Defects induced by deep preamorphization and their effects on metal oxide semiconductor device characteristics 54271
Miyake, M. *see* Hirose, M. 56156
Miyake, M. *see* Inokawa, H. 2813
Miyake, M. *see* Yasuoka, K. 32673
Miyake, N. *see* Yamagata, Y. 8966
Miyake, T., Petek, H., Takeda, K., Hinode, K. Atomic hydrogen enhanced reflow of copper 42633
Miyake, T. *see* Iwamoto, T. 54420
Miyake, T. *see* Shindou, Y. 26556
Miyake, Y., Akiyama, Y., Hamada, A., Itoh, Y., Oda, K., Sumi, S., Nishio, K., Nishizawa, N. Status of fuel cells R&D activities at Sanyo 19997
Miyake, Y. *see* Deki, S. 827
Miyake, Y. *see* Imai, F.H. 48796
Miyake, Y. *see* Taniguchi, S. 51518
Miyake, Y. *see* Wakabayashi, T. 25710
Miyake, Y. *see* Yonekura, Y. 59475
Miyaki, I., Yamamoto, K., Naritomi, T., Sakata, S. The MELSTAR series building communication system and its emergency telephone function 26054
Miyakoshi, M. *see* Imai, H. 46449
Miyakoshi, N. *see* Kanemitsu, H. 10373
Miyakoshi, T. *see* Saitoh, T. 11186
Miyama, M. *see* Suehiro, J. 23141
Miyama, S., Yamamoto, K., Koyama, K. Large-area optical proximity correction with a combination of rule-based and simulation-based methods 32255
Miyama, Y., Matuda, T., Saito, S. Electro-optical characteristics of STN-LC cells stabilized by a UV curable liquid crystalline polymer material 3471
Miyama, Y. *see* Nagata, H. 26816
Miyamaru, H., Fujii, K., Iida, T., Takahashi, A. Influence of fast neutron irradiation on signal response of CdTe radiation detectors 7786
Miyamato, S. *see* Ipposhi, T. 13006
Miyamichi, J. *see* Yan, R. 4959
Miyamori, H., Taima, T., Tominaga, H., Hanamura, T. Processible video codec on camera operations 26411
Miyamori, S. A study on flexible distribution of electric energy with multiple qualities in Open Electric Energy Network 60387
Miyamori, S. *see* Saitoh, H. 38264
Miyamoto, A. *see* Tsukamoto, T. 37401
Miyamoto, H., Andoo, K., Niihara, T., Toda, T., Maeda, T., Ojima, M. Application of domain transfer to magneto-optical recording: domain stabilization during readout 3183
Miyamoto, H. *see* Minamizawa, M. 10170
Miyamoto, H. *see* Wakejima, A. 31942
Miyamoto, I., Mori, K. Detection of full penetration by analysing ripple of laser induced-plasma 14498
Miyamoto, I., Mori, K. Determination of changing factor for laser welding 14502
Miyamoto, I. *see* Kiyohara, S. 12795
Miyamoto, I. *see* Taniguchi, J. 32180
Miyamoto, J., Amos, N., Gobbi, B., Knoll, G.F., Neal, H., Oesch, L., Rubinov, P. Passivation of micro-strip gas chambers with an interstitial germanium coating 59269
Miyamoto, J. *see* He, Z. 59273
Miyamoto, J. *see* Himeno, T. 53281
Miyamoto, J. *see* Jin-Ki Kim 1402
Miyamoto, J. *see* Jin-Ki Kim 53294
Miyamoto, K., Fujiwara, Y., Inoue, T., Miyamoto, N., Nagase, A., Ohara, Y., Okumura, Y., Watanabe, K. Measurement of beam halo in a 400 keV H^- ion source 37185
Miyamoto, K., Nakamura, J., Hatanaka, K., Hashimoto, T., Tamura, I., Maeda, T., Sato, K., Kakumu, M. Impact of pattern density on plasma damage of CMOS LSIs 43278
Miyamoto, K. *see* Inoue, T. 37062
Miyamoto, K. *see* Sano, M. 27562
Miyamoto, K. *see* Sano, M. 48515
Miyamoto, K. *see* Teshima, H. 43742
Miyamoto, K. *see* Yamashita, H. 7215
Miyamoto, M., Fujii, K., Yajima, K., Nakagami, Y., Yamada, M., Maruta, K., Ikeda, K., Hashimoto, N., Wakatsuki, S., Ohkubo, K., Wada, M., Takahagi, T. Development of SF_6-gas-immersed middle-capacity transformer with sheet winding 9305
Miyamoto, M., Horiike, Y. A multiunit split-type air-conditioner with ice storage 20243
Miyamoto, M., Takeda, T., Furusawa, T. High-speed and low-power interconnect technology for sub-quarter-micron ASIC's 22936
Miyamoto, M., Toyota, K., Sekic, K., Nagano, T. Asymmetrically-dope buried layer (ADB) structure CMOS for low-voltage mixed analog-digital applications 2800
Miyamoto, M., Tsuchiya, M., Kai-Feng Liu, Kamiya, T. Generation of ultrashort (~65 fs) pulses from 1.55 μm gain-switched distributed feedback (DFB) laser with soliton compression by dispersion arrangements 3873
Miyamoto, M. *see* Isoda, S. 60090
Miyamoto, M. *see* Kawashima, M. 29883
Miyamoto, M. *see* Yokota, M. 24147
Miyamoto, N. *see* Inoue, T. 37062
Miyamoto, N. *see* Kawahara, T. 1331
Miyamoto, N. *see* Kawahara, T. 1415
Miyamoto, N. *see* Maekawa, H. 29468
Miyamoto, N. *see* Miyamoto, K. 37185
Miyamoto, N. *see* Oguri, H. 49300
Miyamoto, N. *see* Sakamoto, H. 12177
Miyamoto, S., Yamanaka, Y., Shinozuka, T., Morinaga, N. Effect of microwave oven interferences to the performance of Personal Handy-phone System 6609
Miyamoto, S., Yamanaka, Y., Shinozuka, T., Morinaga, N. A study on the effect of microwave oven interference to the performance of digital radio communications systems 16542
Miyamoto, S. *see* Iwamatsu, T. 42993
Miyamoto, S. *see* Kuriyama, H. 41162
Miyamoto, S. *see* Maeda, S. 41066
Miyamoto, S. *see* Seki, A. 9642
Miyamoto, T., Kumagai, S. On deriving logic functions of asynchronous circuits by STG unfoldings 41111
Miyamoto, T., Ogawa, K., Noguchi, T., Suzuki, K., Yokozawa, M., Sunagare, H. BS Wide-CTV receiver with simple channel preset C-2825 58547
Miyamoto, T. *see* Fukami, T. 29258
Miyamoto, T. *see* Fukami, T. 29294
Miyamoto, T. *see* Fukami, T. 38713
Miyamoto, T. *see* Fukami, T. 38735
Miyamoto, T. *see* Kaneko, R. 23363
Miyamoto, T. *see* Loh, T.H. 41938
Miyamoto, T. *see* Nishi, T. 38389
Miyamoto, T. *see* Wakabayashi, H. 43275
Miyamoto, T. *see* Yokoyama, S. 54451
Miyamoto, W., Nakayama, T., Fukuzawa, R., Masuo, K., Kadowaki, T., Takemoto, H. Development of IVS-100 C-arm table 18331
Miyamoto, W. *see* Kawai, M. 18334
Miyamoto, W. *see* Sawada, H. 18333
Miyamoto, Y. *see* Chujo, T. 37284
Miyamoto, Y. *see* Hongo, H. 22742
Miyamoto, Y. *see* Hongo, H. 43165
Miyamoto, Y. *see* Hongot, H. 42200
Miyamoto, Y. *see* Kimura, S. 11741
Miyamoto, Y. *see* Rios, J.M.M. 21930
Miyamoto, Y. *see* Takemura, R. 22891
Miyamura, K. *see* Nakagawa, H. 31916
Miyamura, Y. *see* Jablonski, J. 22456
Miyamura, Y. *see* Jablonski, J. 42292
Miyamura, Y. *see* Saito, M. 22555
Miyanaga, F. *see* Shimoyama, I. 28340
Miyanaga, H. *see* Koyakumaru, Y. 19739
Miyanaga, I. *see* Kato, Y. 43314
Miyanaga, N. *see* Matsuoka, S. 24072
Miyanaga, Y., Motoyoshi, K., Tochinai, K. Recognition of three dimensional objects using a directional coupled neural network 46487
Miyanaga, Y., Motoyoshi, K., Tochinai, K. Performance evaluation on 3-D object recognition using a restricted neural network 57066
Miyanaga, Y., Tochinai, K. High-speed and high-accuracy learning using a self-organization network and a supervised network 4631
Miyanaga, Y. *see* Honglan Jin 56551
Miyanaga, Y. *see* Horita, E. 45993
Miyanaga, Y. *see* Islam, R. 56379
Miyanaga, Y. *see* Li, Y. 31449
Miyanaga, Y. *see* Nakagaki, A. 45858
Miyanaga, Y. *see* Sawamura, S. 34817
Miyanaga, Y. *see* Shimizu, J. 15265
Miyanishi, S., Akinaga, H., Van Roy, W., Tanaka, K. Epitaxial Mn_2Sb thin films grown by molecular-beam epitaxy on (001) GaAs and their magnetic and magneto-optical properties 43651
Miyano, K. *see* Akasaka, Y. 2429
Miyano, K. *see* Miyata, H. 37384
Miyano, K. *see* Nagaoka, K. 59850
Miyano, K. *see* Nagata, K. 53268
Miyano, K. *see* Saeki, T. 1385
Miyano, K. *see* Senyo, K. 37386
Miyano, K. *see* Takagi, M.T. 43276
Miyano, S. *see* Takemura, H. 31701
Miyano, S. *see* Takemura, H. 53962
Miyano, T., Inami, S.I., Shintani, A., Kanda, T., Hourai, M. Dynamical behaviour of Czochralski melts and its influence on crystal growth 10609
Miyano, T. *see* Kanda, T. 10643
Miyano, T. *see* Kanda, T. 40295
Miyanohana, K., Fujita, G., Onoye, T., Shirakawa, I. Implementation of very low bitrate video encoder core 56809
Miyanohana, K., Fujita, G., Onoye, T., Shirakawa, I. VLSI implementation of edge detector and vector quantizer for very low bitrate video encoding 57211
Miyao, M., Hiruma, K., Haraguchi, K., Katsuyama, T., Nishino, T. Advanced self-organized epitaxy for GaAs quantum wire arrays 10786
Miyao, M., Nakagawa, K., Nakahara, H., Kiyota, Y., Kondo, M. Recent progress of heterostructure technologies for novel silicon devices 1978
Miyaoka, R.S. *see* Pollard, K.R. 49488
Miyasaka, N. *see* Yumoto, M. 51863
Miyasaka, Y. *see* Koike, H. 2999
Miyasaka, Y. *see* Nishimura, T.B. 31490
Miyasaka, Y. *see* Noguchi, T. 2906
Miyasaka, Y. *see* Yamaguchi, H. 41538
Miyasaka, Y. *see* Yoshida, M. 11441
Miyasaki, K. A composed sequence set of state configurations realizable by the autonomous network of threshold elements 41095
Miyasato, K. The study of high spread out glass cloth for high density and multilayer PWB 11976
Miyasato, K. *see* Asai, K. 27121
Miyasato, T. *see* Nishimoto, K. 35787
Miyasato, T. *see* Sonoda, N. 31933
Miyasato, T. *see* Sonoda, N. 42086
Miyasato, T. *see* Yong Sun 40599
Miyashita, E., Yoneda, D., Numazawa, J. Three dimensional analysis of the magnetization process of thin film media for perpendicular magnetic recording 23374
Miyashita, F. *see* Ito, S. 32272
Miyashita, K. *see* Takagi, M.T. 43276
Miyashita, M. *see* Kawashima, S. 47591
Miyashita, M. *see* Kushibiki, J. 3574
Miyashita, M. *see* Shinohara, H. 59402
Miyashita, M. *see* Sugimura, H. 22733
Miyashita, O. *see* Ohnuki, T. 29408
Miyashita, O. *see* Ohnuki, T. 60870
Miyashita, O. *see* Ohtsuji, E. 38874
Miyashita, S. *see* Hara, K. 37400
Miyashita, T., Kubo, H., Wada, O., Wang Ming, Koga, R., Ohnishi, H., Kagawa, N., Sano, H. Simple identification of equivalent circuit of CMOS logic IC for EMI prediction 41013

Miyashita, T., Sakai, K., Ventzek, P.L.G., Sakai, Y., Tagashira, H. RF atmospheric pressure glow discharges for materials processing 54321
Miyashita, T., Wada, O., Koga, R., Sano, H. Modeling of EMI spectra emitted from a signal line on a digital PCB 14640
Miyashita, T. *see* Iwamori, S. 42700
Miyashita, T. *see* Osumi, H. 27928
Miyashita, T. *see* Uzuka, T. 29746
Miyashita, Y. *see* Hata, S. 46138
Miyashita, Y. *see* Kawashima, S. 47591
Miyaso, H., Fukano, A., Tajima, N., Nakai, K., Tamai, Y., Tanaka, J. Multi-function product SIGMA-100 16479
Miyata, H., Aso, T., Sakurakichi, K., Miyano, K., Haba, J., Ikeda, H., Iwasaki, H., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Yamada, Y., Okuno, S., Avrillon, S., Hazumi, M., Nagashima, Y., Asano, Y., Mori, S., Fukunaga, C., Banas, E., Bozek, A., Natkaniec, Z., Palka, H., Rozanska, M., Rybicki, K., Yamamoto, K., Yamamura, K. Load capacitance of single-sided silicon strip detectors with double-metal layers 37384
Miyata, H., Onaka, H., Otsuka, K., Chikama, T. Dispersion compensation design for 10-Gb/s, 16-wave WDM transmission system over standard single-mode fiber 16724
Miyata, H., Yokoyama, A., Takahashi, T., Yamama, S. Effect of water on the space charge formation in XLPE 19352
Miyata, H. *see* Mizuno, T. 33247
Miyata, H. *see* Senyo, K. 37386
Miyata, H. *see* Unno, Y. 37395
Miyata, J., Ikegami, M., Jin'no, K., Tanaka, M. Nonlinear templates for high quality halftoning images by DTCNNs 35095
Miyata, J., Inoue, A., Osaki, Y., Eguchi, T., Sodeno, K. A welding machine and induction heater for steel mills 20270
Miyata, K., Kakuno, K., Ohashi, K. Moving analysis of variable phase undulator (APPLE-2) 44982
Miyata, K., Yamazaki, H. Constrained-lens-loaded planar waveguide array antenna for compact range application 34379
Miyata, K. *see* Yokota, Y. 30762
Miyata, K. *see* Yoneda, M. 26372
Miyata, S., Tao, X.T. Recent progress of organic nonlinear optics in Japan 24160
Miyata, S. *see* Jong-Chul Kim 36821
Miyata, S. *see* Nishikawa, H. 57714
Miyata, S. *see* Tao, X.T. 44663
Miyata, Y. *see* Ishikawa, K. 48689
Miyataka, M., Iwasaki, M., Konishi, Y., Miyajima, T., Okazaki, K., Sato, M., Mukuta, Y. Development of SDU-350A ultrasound diagnostic system 18342
Miyatake, H. *see* Ogino, S. 54465
Miyatake, K. *see* Yamagishi, M. 7944
Miyatake, M. *see* Koseki, T. 20164
Miyatake, T., Ejiri, M., Matsushima, H. A fast algorithm for maximum-minimum image filtering 46091
Miyatake, T., Matsushima, H., Ejiri, M. Contour representation of binary images using run-type direction codes 46236
Miyatake, T. *see* Matsukura, N. 55099
Miyatake, T. *see* Miyazaki, T. 55103
Miyatake, Y. *see* Asano, K. 33853
Miyatsuji, K. *see* Ishida, I. 41497
Miyauchi, M. *see* Shimizu, T. 26199
Miyauchi, T. *see* Kanai, Y. 22653
Miyauchi, Y. *see* Tomimasu, T. 33583
Miyawaki, M. *see* Nagata, H. 8314
Miyayama, M. *see* Kwun-Yao Ho 17593
Miyayama, M. *see* Okubo, A. 22205
Miyazaki, A. *see* Maekawa, Y. 34090
Miyazaki, A. *see* Sugiyama, K. 6607
Miyazaki, A. *see* Tokinaga, S. 21049
Miyazaki, C. *see* Haruta, R. 10155
Miyazaki, F. *see* Mitsuda, T. 35211
Miyazaki, F. *see* Oshiro, N. 56817
Miyazaki, H., Jimba, Y., Chong-Yeal Kim, Watanabe, T. Defects and photonic wells in one-dimensional photonic lattices 22339
Miyazaki, H., Takeda, K., Sakuma, N., Kondo, S., Homma, Y., Hinode, K. Copper dry etching with precise wafer-temperature control using Cl_2 gas as a single reactant 42701
Miyazaki, H. *see* Komukai, T. 22033
Miyazaki, H. *see* Matsumoto, M. 19951
Miyazaki, H. *see* Takai, M. 42706
Miyazaki, K. *see* Fujita, H. 22657
Miyazaki, K. *see* Kusunose, H. 22685
Miyazaki, K. *see* Sakai, H. 23741
Miyazaki, K. *see* Takada, H. 23857
Miyazaki, K. *see* Takada, H. 23858
Miyazaki, K. *see* Takizawa, H. 22656
Miyazaki, K. *see* Torizuka, K. 23856
Miyazaki, K. *see* Torizuka, K. 44418
Miyazaki, K. *see* Uemura, S. 14052
Miyazaki, K. *see* Uemura, S. 23854
Miyazaki, K. *see* Uemura, S. 23855
Miyazaki, K. *see* Uemura, S. 55756
Miyazaki, M., Miyazaki, S., Ogushi, S., Ochiai, T., Sano, M., Shigematsu, T. Efficiency of boron gettering for iron impurities in p/p^+ epitaxial silicon wafers 54049
Miyazaki, M. *see* Suzuki, I. 59065
Miyazaki, M. *see* Yoneda, N. 45348
Miyazaki, N., Ikeda, T., Ochi, K. Constraint effects of clad on underclad crack 19506
Miyazaki, N. *see* Nagashima, Y. 49349
Miyazaki, S. *see* Fukuda, M. 54220
Miyazaki, S. *see* Hombu, M. 60698
Miyazaki, S. *see* Jun Xu 40528
Miyazaki, S. *see* Ley, L. 54398
Miyazaki, S. *see* Ley, L. 54402
Miyazaki, S. *see* Maeda, J. 55475
Miyazaki, S. *see* Miyazaki, M. 54049
Miyazaki, S. *see* Nakamura, Y. 13179
Miyazaki, S. *see* Niitsu, Y. 48915
Miyazaki, S. *see* Shibahara, K. 43064
Miyazaki, S. *see* Sugauchi, K. 35611
Miyazaki, T. Nd-doped fiber amplifier at 1.06 μm 44392
Miyazaki, T., Fukumoto, Y., Matsukura, N., Miyatake, T., Shimada, M., Kobayashi, N. Improvement of critical current density of bronze processed Nb_3Sn superconducting wire 55103
Miyazaki, T., Inagaki, K., Karasawa, Y., Inomata, H. Multigigabit transmission characteristics in the optical transmitter and receiver for optical intersatellite links at 1.06 μm 26867
Miyazaki, T., Inagaki, K., Karasawa, Y., Yoshida, M. A high power Nd-doped double-clad fiber amplifier at 1.06 μm 6799
Miyazaki, T., Kunugi, M., Kitamura, Y., Adachi, S. Epitaxial growth of InSb films by r.f. magnetron sputtering 30757
Miyazaki, T., Minamitake, C., Horie, Y., Takeishi, T. Ultralow frequency oscillator composed of three switched-capacitor phase shifters 21523
Miyazaki, T., Ohishi, K. Robust stable speed control system based on doubly coprime factorization and disturbance observer 19759
Miyazaki, T., Sakamoto, Y., Sugino, T., Shirafuji, J. Deposition of phosphorus nitride films by remote plasma-enhanced chemical vapor deposition 30942
Miyazaki, T., Tsutsui, A., Ishii, K., Ohta, N. FACT: Co-evaluation environment for FPGA architecture and CAD system 11420
Miyazaki, T., Yamada, K., Tsutsui, A., Nakada, H., Ohta, N. Telecommunication-oriented FPGA and dedicated CAD system 11272
Miyazaki, T. *see* Kawahara, K. 25718
Miyazaki, T. *see* Kubota, H. 55041
Miyazaki, T. *see* Matsukura, N. 55099
Miyazaki, T. *see* Mutoh, N. 39325
Miyazaki, T. *see* Naito, Y. 25663
Miyazaki, T. *see* Nakamura, H. 23719
Miyazaki, T. *see* Shindo, M. 13435
Miyazaki, T. *see* Shishikura, M. 55429
Miyazaki, T. *see* Sugino, T. 2280
Miyazaki, T. *see* Teramura, M. 21817
Miyazaki, Y. Conformal mapping method for inverse problem of biological body surface potential and electric field distribution 59645
Miyazaki, Y., Sonoda, J., Jonori, Y. Statistical analysis of electromagnetic scattering of buried objects in random media using FD-TD method 58459
Miyazaki, Y. *see* Chiba, H. 34054
Miyazaki, Y. *see* Kojima, T. 51504
Miyazaki, Y. *see* Takiguchi, T. 52656
Miyazaki, Y. *see* Yamamota, K. 16628
Miyazaki, Y. *see* Yamamoto, K. 21944
Miyazato, A. *see* Uezato, K. 38235
Miyazato, H. *see* Senjyu, T. 9286
Miyazato, H. *see* Senjyu, T. 19770
Miyazato, H. *see* Senjyu, T. 51059
Miyazato, H. *see* Senjyu, T. 51067
Miyazawa, I., Tanaka, H., Sekiguchi, T. Classification of solutions of matrix equation related to parallel structure of a Petri net 10303
Miyazawa, S. Top-seeded solution growth of $Bi_{12}TiO_{20}$ single crystals doped with P 681
Miyazawa, S. *see* Ooshima, M. 38716
Miyazawa, S. *see* Tsukada, M. 2907
Miyazawa, T. *see* Yoshida, Y. 31482
Miyazawa, Y. *see* Kamigaito, O. 49213
Miyazawa, Y. *see* Minamizawa, M. 52217
Miyazawa, Y. *see* Morita, S. 10599
Miyazawa, Y. *see* Shiomi, S. 37630
Miyazima, S. *see* Hasegawa, Y. 32169
Miyoshi, H. *see* Ipposhi, T. 13006
Miyoshi, H. *see* Iwamatsu, T. 42993
Miyoshi, H. *see* Kim, I.J. 43261
Miyoshi, H. *see* Kuriyama, H. 41162
Miyoshi, H. *see* Kuroi, T. 2810
Miyoshi, H. *see* Maeda, S. 41066
Miyoshi, H. *see* Oashi, T. 41171
Miyoshi, H. *see* Sakamoto, O. 1361
Miyoshi, H. *see* Sayama, H. 43296
Miyoshi, H. *see* Shimizu, S. 2797
Miyoshi, H. *see* Tanizawa, M. 12978
Miyoshi, H. *see* Uchida, T. 42595
Miyoshi, H. *see* Ueno, S. 1352
Miyoshi, H. *see* Watanabe, M. 51501
Miyoshi, H. *see* Yamaguchi, Y. 22821
Miyoshi, H. *see* Yamashita, T. 41172
Miyoshi, H. *see* Yasuoka, A. 43013
Miyoshi, K. *see* Deguchi, K. 32291
Miyoshi, K. *see* Kikuchi, Y. 31256
Miyoshi, K. *see* Sato, S. 9416
Miyoshi, M. *see* Kobayashi, M. 39247
Miyoshi, M. *see* Shimoshio, Y. 20223
Miyoshi, S., Hayakawa, S., Seo, I., Sato, H. A UV cured organic polymer gain medium and its application possibility 55154
Miyoshi, S. *see* Yaguchi, H. 40455
Miyoshi, T., Kimura, J. Short-latency somatosensory evoked potentials in patients with cervical compressive lesions: morphological versus functional examination 28325
Miyoshi, T., Saito, T., Inaba, N. Chaotic phenomena in an iron resonant circuit including an inductor with complete saturation characteristic 40850
Miyoshi, T. *see* Matsuo, N. 23106
Miyoshi, T. *see* Matsuo, N. 54362
Miyoshi, T. *see* Ogawa, M. 12460
Miyoshi, T. *see* Okawa, Y. 12482
Miyoshino, F., Sano, K., Takada, K., Makuta, F. Effects of Ni powder properties on Ni paste for MLC's internal electrode 11774
Mizeikis, V., Birkedal, D., Langbein, W., Hvam, J.M. Coherent dynamics of interwell excitons in $GaAs/Al_xGa_{1-x}As$ superlattices 54195
Mizeikis, V., Birkedal, D., Langebein, W., Lyssenko, V.G., Hvam, J.M. Binding of biexcitons in $GaAs/Al_xGa_{1-x}As$ superlattices 42221
Mizeraczyk, J. *see* Mentel, J. 23758
Mizobe, K. *see* Elarbi, R. 60431
Mizoguchi, H., Ito, N., Nakarai, H., Kobayashi, Y., Itakura, Y., Komori, H., Wakabayashi, O., Aruga, T., Sakugawa, T., Koganezawa, T. High power KrF excimer laser with a solid state switch for microlithography 2474
Mizoguchi, H. *see* Mori, T. 51399
Mizoguchi, H. *see* Yamagata, Y. 8967
Mizoguchi, M., Seki, K. In-chip fast frequency hopped and direct sequence CDMA systems for indoor wireless communications 6613
Mizoguchi, M. *see* Matsuo, K. 10173
Mizoguchi, R. Conceptual information processing in spoken dialogue understanding 45660
Mizoguchi, S. *see* Okayama, H. 29415
Mizoguchi, T. *see* Sato, T. 40917
Mizoguchi, Y. *see* Ohno, M. 16259
Mizoh, Y. Wear of tribo-elements of video tape recorders 23362
Mizohata, S., Tamaoki, H. Coaxial cable video transmission efficiency enhancement 58572
Mizokami, M. *see* Mogi, H. 7530
Mizoshiri, I. *see* Tsuyuguchi, T. 49429
Mizouchi, R. *see* Sakawa, M. 21101
Mizrahi, E. *see* Eran, Y. 20965
Mizugaki, Y. Contouring electrical discharge machining with on-machine measuring and dressing of a cylindrical graphite electrode 51894
Mizuguchi, K. *see* Sugauchi, K. 35611
Mizuguchi, T., Kanzawa, T. Photo Mail System 16209
Mizuguchi, T. *see* Kakimoto, N. 8830
Mizuhara, A. *see* Takeuchi, K. 36881
Mizuhara, O. *see* Delavaux, J.-M.P. 26731
Mizuhara, O. *see* Delavaux, J.-M.P. 26874
Mizuhara, O. *see* Nuyts, R.J. 47974
Mizuhara, O. *see* Nuyts, R.J. 47975
Mizuhata, M., Yasuda, K., Oguro, K., Takenaka, H. Dependence of catalytic activity of gas diffusion electrode on the particle size of catalyst for PEFCs 51538
Mizuhata, S., Hosokawa, H., Takeuchi, M., Yamashita, T. Shining surface sensor using polarization 39860
Mizui, K., Uchida, M., Nakagawa, M. Vehicle-to-vehicle communications and ranging system using spread spectrum techniques 48087
Mizui, Y. *see* Morikawa, H. 36066
Mizukami, M., Hirano, M., Shinjo, K. Alignment of multiple optical axes in a multistage optical system by using Hamiltonian algorithm 3363
Mizukami, M. *see* Lloyd, C.J. 39369
Mizukami, Y., Koga, K., Torioka, T. A handwritten character recognition system using extraction of displacement 25709
Mizukami, Y., Morita, S., Asano, K., Kamiji, N. Power substation simulation system using virtual reality technique 60959
Mizukami, Y., Nishimori, T., Okamoto, J., Aihara, K. Forecasting daily peak load by a deterministic prediction method with Gram-Schmidt orthonormalization 60325
Mizukata, K., Nakahara, Y., Tanaka, M., Iemoto, T., Yakushigawa, H. Driving method for wide-screen TFT-LCD with analog drivers 27803
Mizukawa, H. *see* Minemoto, T. 35269
Mizukawa, M. *see* Nakamura, Y. 35822
Mizukawa, S. *see* Tanabe, S. 45197
Mizuki, E. *see* Wakejima, A. 31942
Mizuki, M.M., Desai, U.Y., Masaki, I., Chandrakasan, A. A binary block matching architecture with reduced power consumption and silicon area requirement 25665
Mizukoshi, M. *see* Yamaguchi, I. 11988
Mizumachi, M. *see* Inoue, M. 58106
Mizumachi, M. *see* Morikawa, H. 36066
Mizumachi, M. *see* Qiao, M. 38028
Mizumoto, H., Yabuta, Y., Kobayashi, H., Arii, S. A binocular machine vision system using an active view point 15958
Mizumoto, I. *see* Hamada, H. 56376
Mizumoto, K. *see* Okino, Y. 43917
Mizumoto, M., Kusano, J., Hasegawa, K., Ito, N., Oguri, H., Touchi, Y., Mukugi, K., Ino, H. A high intensity proton linac development for neutron science research program 49053
Mizumoto, M. *see* Hasegawa, K. 49054
Mizumoto, M. *see* Ito, N. 49166
Mizumoto, M. *see* Oguri, H. 49300

Mizumoto, S. *see* Tsukada, Y. 20859
Mizumoto, T. *see* Anzai, H. 4235
Mizumoto, T. *see* Anzai, H. 45242
Mizumoto, T. *see* Emori, Y. 13661
Mizumoto, T. *see* Naito, Y. 45241
Mizunami, T. *see* Takagi, K. 12894
Mizuno, A., Shimizu, K., Yanagihara, K., Kinoshita, K., Tsunoda, K., Kim, H.H., Katsura, S. Effect of additives and catalysts on removal of nitrogen oxides using pulsed discharge 38107
Mizuno, A. *see* Nakayama, H. 14246
Mizuno, A. *see* Rajanikanth, B. 38460
Mizuno, A. *see* Suzuki, S. 49030
Mizuno, A. *see* Yanagida, K. 7750
Mizuno, A. *see* Yoshikawa, H. 49102
Mizuno, B., Nakayama, I., Takase, M., Nakaoka, H., Kubota, M. Plasma doping for silicon 2323
Mizuno, B., Takase, M., Nakayama, I., Ogura, M. Plasma doping of boron for fabricating the surface channel sub-quarter micron PMOSFET 2645
Mizuno, F., Satoh, O. Effects of electron-beam parameters on critical-dimension measurements 27906
Mizuno, H., Ishibashi, K. A cost-oriented two-port unified cache for low-power RISC microprocessors 1476
Mizuno, H., Koyama, H., Koshida, N. Oxide-free blue photoluminescence from photochemically etched porous silicon 12745
Mizuno, H., Matsuzaki, N., Osada, K., Shinbo, T., Ohki, N., Ishida, H., Ishibashi, K., Kure, T. A 1-V, 100-MHz, 10-mW cache using a separated bit-line memory hierarchy architecture and domino tag comparators 1334
Mizuno, H., Takada, K., Horie, M. Extension of linear-velocity margin in phase-change optical recording with variable-pulse compensation 43912
Mizuno, H. *see* Fujisawa, M. 56351
Mizuno, H. *see* Hakoda, K. 14957
Mizuno, J., Nottmeyer, K., Cabuz, C., Minami, K., Kobayashi, T., Esashi, M. Fabrication and characterization of a silicon capacitive structure for simultaneous detection of acceleration and angular rate 13170
Mizuno, K., Katsukawa, H., Sakurai, Y., Tanaka, N. Application of magneto-optical sensors for fault location of air insulated bus in substations 19916
Mizuno, K., Kawasaki, K., Itoh, H., Satoh, H., Someda, Y., Saitou, N. Electron beam mask writing system for 0.25 μm device generation 22694
Mizuno, K., Ogawa, A., Nojima, K., Murase, H., Koyama, H., Wakabayashi, S., Sakakibara, T. Investigation of PD pulse propagation characteristics in GIS 60950
Mizuno, K., Ohta, N., Kitagawa, F., Nagase, H. CMOS integrated circuits for high-temperature operation with leakage current compensation 32546
Mizuno, K., Ohta, N., Kitagawa, F., Nagase, H. CMOS integrated circuits for high-temperature operation with leakage current compensation 32547
Mizuno, K. *see* Kawahito, S. 7238
Mizuno, K. *see* Koga, S. 58714
Mizuno, K. *see* Oyama, N. 36866
Mizuno, M., Saka, M., Abe, H. Mechanism of electrical conduction through anisotropically conductive adhesive films 20857
Mizuno, M., Yamada, K., Nakano, T., Yamamoto, S. Robustness of lane mark detection with wide dynamic range vision sensor 25768
Mizuno, M. *see* Kato, T. 4197
Mizuno, M. *see* Moriyama, E. 27440
Mizuno, M. *see* Nakano, T. 49413
Mizuno, M. *see* Sasaki, A. 26572
Mizuno, M. *see* Watanabe, T. 57636
Mizuno, M. *see* Wu, G. 6470
Mizuno, N., Itho, M. Vibration suppression control by an adaptive control system based on estimation of inertia and disturbance 38936
Mizuno, O., Fuse, T., Komatu, J., Shimada, T., Miya, K. Development of database system for decommissioning of nuclear facilities 19495
Mizuno, O. *see* Ezure, H. 50743
Mizuno, O. *see* Niitsu, Y. 47256
Mizuno, O. *see* Shibata, A. 47300
Mizuno, O. *see* Urata, J. 6289
Mizuno, R.J. *see* Kato, T. 23569
Mizuno, S. *see* Komma, Y. 43909
Mizuno, S. *see* Mwansa, D.C. 5258
Mizuno, T., Bleuler, H., Tanaka, H., Hashimoto, I., Harashima, F., Ueyama, H. Industrial application of position sensorless active magnetic bearings 32883
Mizuno, T., Liu, Y.S., Shionoya, W., Miyata, H., Yokoyama, A., Yasuoka, K., Ishii, S. Electroluminescence from polymeric halides subjected to an AC voltage 33247
Mizuno, T., Nagayama, K., Ashikaga, T., Kobayashi, T. Basic principles and characteristics of hybrid excitation synchronous machine 38718
Mizuno, T., Nishikata, S., Chiba, A. Present technologies on motors and drive systems for electric vehicles. IV. The characteristics and practical use of electric vehicle motor–examples of EV using synchronous motor and hybrid EV 29755
Mizuno, T., Nozaka, K., Nakajima, A. Drive system for Eco vehicle 29773
Mizuno, T., Ohba, R. Experimental study of carrier velocity overshoot in sub-0.1 μm devices–physical limitation of MOS structures 43098
Mizuno, T., Tsuboi, K., Hirotsuka, I., Suzuki, S., Ashikaga, T., Matsuda, I. Transient performance analysis of a six-phase pole change induction motor for electric vehicles 29756
Mizuno, T. *see* Ohba, R. 54671
Mizuno, T. *see* Terashima, M. 39322
Mizuno, T. *see* Terashima, M. 51744
Mizuno, T. *see* Terauchi, M. 43300
Mizuno, T. *see* Watanabe, K. 36920
Mizuno, T. *see* Watanabe, T. 57636
Mizuno, Y., Uekusa, S.-I., Okabe, H. Hydrodynamic description of epitaxial film growth in a horizontal reactor 40323
Mizuno, Y. *see* Ban, M. 11665
Mizuno, Y. *see* Kobayashi, Y. 47021
Mizuno, Y. *see* Matsuoka, R. 8929
Mizuno, Y. *see* Noumi, H. 37073
Mizunuma, H., Behnia, M., Nakayama, W. Heat transfer from grooved surfaces to flow of fluorinert coolant in reduced-size channels 283
Mizuochi, T. *see* Nakagawa, J. 16831
Mizusaki, J., Saito, T., Tagawa, H. A chemical diffusion-controlled electrode reaction at the compact $La_{1-x}Sr_xMnO_3$/stabilized zirconia interface in oxygen atmospheres 19981
Mizusawa, J. Multimedia services–a Japanese perspective 16419
Mizusawa, M. *see* Noguchi, K. 34315
Mizusawa, N. *see* Saitoh, K. 32293
Mizusawa, T. *see* Inokawa, H. 2813
Mizusawa, T. *see* Kaneko, Y. 27767
Mizusawa, T. *see* Ohtomo, Y. 41103
Mizusawa, Y., Iida, A., Kizaki, Y., Mori, M., Saito, M. An investigation of bonding mechanism for Au-Al solid phase diffusion flip chip bonding 12026
Mizushima, H. *see* Takahashi, M. 20282
Mizushima, I. *see* Mitani, Y. 2318
Mizuta, H., Teshima, T., Matsumoto, H., Higuchi, K., Ohkura, Y., Yamaguchi, K. A Monte Carlo analysis of new nanoscale ballistic field effect transistors (BFETs) for millimetre-wave applications 53598
Mizuta, H. *see* Yoshida, H. 59392
Mizuta, M. Algebraic curve fitting for multidimensional data with exact squares distance 21129
Mizuta, M., Uenoyama, K., Ohsato, H., Nishigaki, S., Okuda, T. Formation of tungsten bronze-type $(Ba_{6-3x}Sm_{8+2x})_6Ti_{18-y}Al_yO_{54}$ (α=1+y/36) solid solutions and microwave dielectric properties 2877
Mizuta, M. *see* Mochizuki, Y. 2279
Mizuta, S. *see* Kitamura, N. 44005
Mizutani, A. *see* Hatori, N. 23934
Mizutani, A. *see* Hatori, N. 33471
Mizutani, A. *see* Kato, A. 32126
Mizutani, A. *see* Mukaihara, T. 14169
Mizutani, A. *see* Ohnoki, N. 32199
Mizutani, G. *see* Takebayashi, M. 14363
Mizutani, H. An effective method to find all solutions of piecewise-linear circuits by analyzing piecewise-linear equations step by step 53001
Mizutani, H. *see* Umeki, H. 15520
Mizutani, H. *see* Wakiwaka, H. 59019
Mizutani, K. *see* Aoki, T. 49976
Mizutani, K. *see* Kato, K. 19680
Mizutani, T., Arakawa, M., Kishimoto, S. Potential profile measurement of cleaved surface of GaAs HEMTs by Kelvin probe force microscopy 43138
Mizutani, T., Terai, M. Development of new superconducting magnets for the Yamanashi Maglev Test Line 20158
Mizutani, T. *see* Mori, T. 13864
Mizutani, T. *see* Ohno, Y. 21565
Mizutani, T. *see* Suwarno 13266
Mizutani, T. *see* Suwarno 32630
Mizutani, T. *see* Tabata, A. 31872
Mizutani, Y., Norimoto, M., Umezu, M., Okazaki, K., Ideno, H. Route-guidance technology for car navigation systems 9708
Mizutani, Y., Suzuki, T., Ikeda, H., Yoshida, H. Automatic frequency control for maximizing RF power fed to ultrasonic transducer operating at 1 MHz 38127
Mizutani, Y., Suzuki, T., Ikeda, H., Yoshida, H. Power maximizing of ultrasonic transducer driven by MOSFET inverter operating at 1 MHz 50240
Mizutani, Y. *see* Ichikawa, T. 7890
Mizutani, Y. *see* Nakao, M. 59686
Mizutani, Y. *see* Suzuki, K. 35977
Mizutani, Y. *see* Suzuki, T. 1139
Mizutani, Y. *see* Suzuki, T. 50241
Mizutani, Y. *see* Wang Zhonglei 38849
Mizuuchi, K., Yamamoto, K., Kato, M. Harmonic blue light generation in bulk periodically poled MgO:$LiNbO_3$ 3978
Mizuuchi, K., Yamamoto, K., Kato, M. Generation of ultraviolet light by frequency doubling of a red laser diode in a first-order periodically poled bulk $LiTaO_3$ 44657
Mizuuchi, K. *see* Kitaoka, Y. 33081
Mizuuchi, K. *see* Kitaoka, Y. 33647
Mizuuchi, Y. *see* Kasukabe, S. 1868
Mizuyama, H. *see* Yamashina, H. 10197
Mizyuk, R. *see* Balagura, V. 37222
Mizzoni, R. *see* Toccafondi, A. 56178
Mjolsness, E.D. *see* Rangarajan, A. 452
Mkrtchian, K.V. *see* Mkrttchian, V.S. 17304
Mkrtchyan, M.M., Farrow, R.C. Modeling of electron backscattering from topographic marks 2492
Mkrttchian, V.S., Mkrtchian, K.V. L-CsPhR sensors in the system of measurement and control of optical transparent environment 17304
Mkrtychan, M. *see* Harriott, L.R. 22700
Mkrtychan, M. *see* Harriott, L.R. 42874
Mladenov, G. *see* Sabchevski, S. 37162
Mladenov, G.M. *see* Gueorguiev, Y.M. 54545
Mladenov, V.M. *see* Kolev, L.V. 53003
Mlakar, J. *see* Kostevc, D. 36860
Mlcak, R. *see* Tuller, H.L. 23055
Mller, S.P. *see* Elsener, K. 49261
Mlotkowski, A. *see* Byczkowska-Lipinska, L. 60835
Mlynek, D. *see* Duc, P. 1474
Mlynek, J. *see* Drodofsky, U. 42860
Mlynek, J. *see* Nowak, S. 42866
Mlynek, J. *see* Ruoso, G. 14058
Mlynek, J. *see* Storz, R. 3806
Mlynek, J. *see* Storz, R. 24048
Mlynek, T. *see* Schneider, K. 33436
Mlynski, D.A. *see* Ball, C.F. 11034
Mlynski, D.A. *see* Ball, C.F. 41098
Mlynski, D.A. *see* Bialko, M. 1572
Mlynski, D.A. *see* Chen-Xiong Zhang 40771
Mlynski, D.A. *see* Cossalter, O. 33164
Mlynski, D.A. *see* Eschler, J. 33150
Mlynski, D.A. *see* Wolf, H.G. 13066
Mnushkina, I. *see* Brignon, A. 44708
Mnushkina, I. *see* Brignon, A. 55562
Mnushkina, I. *see* Garrett, M.H. 10633
Mo, F., Kinsner, W. Review of diagnostic techniques of power system transients 19067
Mo, R. *see* Bao, K.X. 40470
Mo, S. *see* Peiner, E. 2034
Mo, W.K. *see* Cheng, K.W. 31549
Mo, W.K. *see* Hu, Y.Q. 31547
Mo, Y.L., Yang, R.Y. Response of reinforced/prestressed concrete box structures to dynamically applied torsion 9010
Mo Bangxian, Zhang Lichun, Ni Xuewen, Ning Baojun, Wang Yangyuan Design of very high speed poly-Si emitter ECL shift registers integrated circuit 31212
Mo Chiun Yu *see* Ushikil, T. 43100
Mo Dawei, Cai Qingshen, Chen Jinghong, Chen Boxian A γ-pinhole camera for locating contamination in hot cells 18144
Mo Fan *see* Xu Ri 29502
Mo Hwang Jeong *see* Jeong Mo Hwang
Mo Hwang Young *see* Young Mo Hwang
Mo Kim Yang *see* Yang Mo Kim
Mo Koo Jun *see* Jun Mo Koo
Mo Kyung Joo *see* Kyung Joo Mo
Mo Park Bong *see* Bong Mo Park
Mo Sung Keong *see* Keong Mo Sung
Mo Yang Gye *see* Gye Mo Yang
Mo Yao-Wu *see* Xia Yi-Ben 855
Mo Yaowu *see* Sang Wenbin 10683
Mo Yulong *see* Wang Lei 57382
Mo-Shing Chen *see* Jen-Hung Chen 38334
Mo-Shing Chen *see* Jen-Hung Chen 60668
Moagar, V. *see* Popescu, D.S. 48740
Moagar-Poladian, G. An MOS transistor with an optical rectification controlled gate 44244
Moagar-Poladian, V. *see* Muller, R. 43405
Moakher, M. *see* Coleman, B.D. 655
Moal, P.Le *see* Le Moal, P.
Moan, Y.Le *see* Le Moan, Y.
Moayeri, N. A near-lossless trellis-searched predictive image compression system 57102
Moayeri, N. *see* Ping Wah Wong 46375
Moberg, P. SRAM known good die test experience 8582
Mobius, A. *see* Pereyaslavets, M. 41786
Mobley, A.V. *see* Canann, S.A. 40265
Mobley, P. *see* Parsey, J.M., Jr. 12028
Mobley, S., Maier, M. Synthetic aperture radar-systems processing with a non-uniform pulse repetition interval 19025
Mobley, S.B., Cole, J.S., Jarem, J., Cooper, J.B. U.S. Army missile command dual-mode millimeter wave/infrared simulator development 28519
Mocaer, P. *see* Bruzek, C.E. 55102
Mocala, E. *see* Mocala, K. 42699
Mocala, K., Crabtree, P., Mocala, E., Hegde, R., Lao, K., Laberge, P. Characterization, properties and analysis of via veils 42699
Mocci, F. *see* Celli, G. 19314
Moccia, A. *see* D'Errico, M. 48116
Moccia, S. *see* Andryakov, A. 37226
Mocella, V. *see* Miano, G. 45061
Moch, P. *see* Niedoba, H. 43670
Mochalov, I.V. *see* Kopp, V.I. 14347
Mochi, H., Nakao, M., Tsutsui, K., Chiba, Y. Drastic improvement of energy consumption at NTT 51317
Mochiku, T. *see* Nishiyama, M. 13054
Mochimaru, M. *see* Nirei, K. 35370
Mochinaga, Y. *see* Uzuka, T. 29746
Mochizuki, A. *see* Hanyu, T. 11401
Mochizuki, A. *see* Ichikawa, M. 56167
Mochizuki, A. *see* Kato, S. 28924
Mochizuki, H. An energy conversion method by using density difference of water 61102
Mochizuki, H. *see* Kawakubo, T. 43588
Mochizuki, I. *see* Yamagata, Y. 50635
Mochizuki, K. NTT's international cooperative activities: trends in international cooperation 5899

Mochizuki, K., Hirata, K., Uchiyama, H. Reliability study of C-doped AlGaAs/GaAs heterojunction bipolar transistors with half-micron-wide emitters 2591
Mochizuki, K. *see* Ohtani, H. 7080
Mochizuki, K. *see* Oka, T. 41447
Mochizuki, M., Saito, Y., Goto, K., Nguyen, T., Phong Ho, Malcolm, M., Morando, M.P. Hinged heat pipes for cooling notebook PCs 52279
Mochizuki, N., Sugiyama, T., Umehira, M. A new AFC circuit employing double-product type frequency discriminator in very-low CNR environments 31150
Mochizuki, S., Mihara, T., Ishida, T. Preparation of $PbTiO_3$ films on conductive oxide by reactive electron beam coevaporation 52815
Mochizuki, S. *see* Mihara, T. 694
Mochizuki, S. *see* Ogasawara, Y. 18225
Mochizuki, S. *see* Yoshihashi, M. 20240
Mochizuki, T. *see* Hanamoto, T. 60786
Mochizuki, T. *see* Lu, Q. 19105
Mochizuki, Y., Mizuta, M. Interface-state density at SiO_2/GaAs assessed by direct measurement of surface band bending 2279
Mochizuki, Y. *see* Okamoto, Y. 32160
Mock, A. *see* Bieser, F. 59307
Mock, J.D., Jr. The need for quality power 28856
Mock, R.C. *see* Sanford, T.W.L. 7753
Mockl, U.E. *see* Kraft, O. 42769
Mockler, R.J. *see* Chiang-Nan Chao 39657
Mockus, A. *see* Eddy, W.F. 8035
Moctezuma, M. *see* Descombes, X. 27010
Modadugu, N.K. *see* Fischer, G. 31349
Modak, P. *see* Hudait, M.K. 21309
Modarres, M. *see* Hadavi, M.H. 9054
Modarres, M. *see* Irehvije, R. 30398
Modarres, M. *see* Kumar, S. 38251
Modarres, M. *see* Yu-Shu Hu 30397
Modayur, B.R., Shapiro, L.G. 3D matching using statistically significant groupings 5076
Modder, U. *see* Hacklander, T. 7883
Modder, U. *see* Hacklander, T. 37699
Modder, U. *see* Kahn, T. 7927
Modeas, I., Nikolaidis, G., Zervas, E. Handover switching scenarios in UMTS 26548
Model, R. Reconstruction algorithms for optical tomography 56922
Model, R., Orlt, M., Walzel, M., Hunlich, R. Reconstruction algorithm for near-infrared imaging in turbid media by means of time-domain data 25518
Modelli, A. *see* Eitan, B. 41157
Moden, W. *see* Ahmad, S.S. 20938
Modena, A. *see* Amiranoff, F. 17898
Modest, M.F. *see* Nader Saraiji, R.M. 39418
Modestino, J.W. *see* Parthasarathy, V. 56686
Modesto, C. *see* Lamedica, R. 8833
Modha, D.S., Masry, E. Minimum complexity regression estimation with weakly dependent observations 24619
Modi, G. *see* Leitz, W.E. 23016
Modi, G. *see* Parikh, S. 22616
Modine, F.A. *see* Bartkowiak, M. 2740
Modlic, B. *see* Regvart, B. 51209
Modnikova, E. *see* Aleksiev, A. 13606
Modolo, J.A. *see* Anderson, G.W. 33269
Modreanu, M., Cosmin, P., Cosmin, S., Cobianu, C., Dunare, C. Measurement of CVD thin films thickness by sample weighing method 48921
Modreanu, M. *see* Cosmin, P. 40594
Modrick, J.A. PRESTO: multi-media distributed network for collaborative work in command and control 60158
Modugno, G. *see* Paschotta, R. 44380
Moe, H. *see* Cho, Y. 18067
Moebert, P. *see* Heumann, E. 4078
Moebius, H.H., Shuk, P., Zastrow, W. Solid state systems for the potentiometric determination of CO_2 48991
Moeckli, R. *see* Verdun, F.R. 7893
Moeglein, M.L., Nakayama, D.H., Hammer, C.L. Options for PPS space segment accuracy enhancement 47843
Moehlecke, A. *see* Luque, A. 1992
Moehring, M.A., Spencer, M.P., Davis, D.L., Demuth, R.P. Exploration of the embolus to blood power ratio model (EBR) for characterizing microemboli detected in the middle cerebral artery 28193
Moel, E.de *see* de Moel, E.
Moelaert El-Hadidy, F. *see* Huis in't Veld, R.J. 16377
Moelker, D.-J., Bar-Ness, Y. An optimal array processor for GPS interference cancellation 48175
Moeller, A., Scholz, F. Advantages and limitations of combining separation techniques with voltammetry 48988
Moeller, B. *see* Wiedenmann, D. 33517
Moeller, C. *see* Schaefer, O. 33292
Moeller, D.F. *see* Diogu, K.K. 1155
Moeller, D.P.F. *see* Haas, R. 46344
Moeller, E. *see* Egelhaaf, C. 16407
Moeller, H. *see* Krawczynski, H. 37287
Moeller, R.P. *see* Burns, W.K. 27633
Moeller, R.P. *see* Howerton, M.M. 16702
Moeller, W.-D. *see* Shu, Q.S. 49022
Moen, C.D. *see* Tong, C.H. 52949
Moench, W. Hydrogen-modification of electronic surface, bulk, and interface properties of silicon 41860
Moeneclaey, M., Meyr, H. Authors' reply [to "Comment on cycle slips in synchronizers subject to smooth narrow-band loop noise"] 25804
Moeneclaey, M. *see* Karam, G. 4781
Moeneclaey, M. *see* Pollet, T. 47359
Moenig, K. *see* Becks, K.H. 59228
Moens, L. *see* Bettens, E. 59374
Moerloose, J.De *see* De Moerloose, J.
Moerman, I. *see* Cailin Wei 55297
Moerman, I. *see* D'Hondt, M. 40486
Moerman, I. *see* O'Donnell, K.P. 44223
Moerman, I. *see* Steenbergen, C.A.M. 16742
Moerman, I. *see* Thrush, E.J. 30799
Moerman, I. *see* van Dam, C. 33060
Moerman, I. *see* van Dam, C. 33096
Moerman, I. *see* Van Dam, C. 47980
Moerman, I. *see* Van der Stricht, W. 21276
Moerman, I. *see* Van der Stricht, W. 40453
Moerman, I. *see* Vanderbauwhede, W. 52662
Moerman, I. *see* Zhang, X. 40327
Moertl, D. *see* Porenta, G. 37691
Moeschler, F.D. *see* Bahaj, A.S. 4214
Moeslang, A. *see* Lindau, R. 54985
Moesner, F.M., Higuchi, T., Tanii, Y. New considerations for travelling wave particle handling 33813
Moeyaert, P. *see* Snoeck, J. 50724
Moeyaert, V. *see* Froidure, J.-C. 6738
Moeyaert, V. *see* Ravet, F. 3373
Moezzi, M. *see* Eto, J. 61346
Moezzi, S., Li-Cheng Tai, Gerard, P. Virtual view generation for 3D digital video 48244
Moffat, D. *see* Befomestnykh, S. 49247
Moffat, D. *see* Hartung, W. 49248
Moffat, H.K. *see* Chui, H.C. 52786
Moffat, R.J. *see* Danek, C.J. 30295
Moffat, S.H. *see* Lindgren, M. 32916
Moffat, S.H. *see* Lindgren, M. 55122
Moffat, S.H. *see* Terentiev, A.N. 43874
Moffett, D.F. *see* Yong-Yi Yu 58860
Moffett, M.B., Powers, J.M. A bimorph flexural-disk accelerometer for underwater use 16992
Moftah, B.A., Gete, E., Measday, D.F., Armstrong, D.S., Bauer, J., Gorringe, T.P., Johnson, B.L., Siebels, B., Stanislaus, S. Muon capture in ^{28}Si and g_p/g_a 59349
Moga, A., Gabbouj, M. A parallel watershed algorithm based on the shortest paths computation 46495
Moga, A.N., Gabbouj, M. A parallel marker based watershed transformation 57110
Mogab, C.J. *see* Gelatos, A.V. 54511
Mogami, A. *see* Tsuno, K. 31734
Mogami, T. *see* Izumikawa, M. 21731
Mogami, T. *see* Terada, K. 22800
Mogami, T. *see* Wakabayashi, H. 43275
Mogami, T. *see* Yamamoto, T. 1727
Moganti, M., Ercal, F., Dagli, C.H. Printed circuit board inspection: a novel approach 53753
Mogavero, C. *see* Parente, F. 5910
Moge, M. *see* Bastien, J. 32360
Mogensen, M., Skaarup, S. Kinetic and geometric aspects of solid oxide fuel cell electrodes 29615
Mogensen, M. *see* Juhl, M. 20000
Mogensen, P.C., Smowton, P.M., Blood, P. Highly strained $Ga_xIn_{1-x}P$-$(Al_yGa_{1-y})_{0.51}In_{0.49}P$ quantum well lasers 55617
Mogensen, P.C. *see* Smowton, P.M. 14138
Moghaddam, B., Nastar, C., Pentland, A. A Bayesian similarity measure for direct image matching 5391
Moghaddam, B. *see* Nastar, C. 46416
Moghaddam, M. *see* Treuhaft, R.N. 18812
Moghaddamzadeh, A., Mohsenian, N. An object-based approach to color subsampling 25362
Moghani, J.S., Eastham, J.F. Field weakening performance of a linear brushless AC machine 9270
Moghavvemi, M., Jasmon, G.B. An artificial neural network aided solution to the problem of voltage stability in power systems 28869
Moghbel, M. *see* Darwish, A. 23771
Moghe, P., Rubin, I. Managing connection-level QoS through an overlay service manager 46899
Moghe, P., Rubin, I. Reserving for future clients in a multipoint application–why and how? 57560
Moghe, S. *see* Mondal, J. 41492
Moghtaderi, B. *see* Asaii, B. 29793
Mogi, E. Principle of information processing in the brain: the representation of form in the inferior temporal cortex of macaque monkey 18164
Mogi, H., Yabumoto, M., Mizokami, M., Okazaki, Y. Harmonic analysis of AC magnetostriction measurements under non-sinusoidal excitation 7530
Mogi, I. *see* Gorska, M. 42042
Mogi, M. *see* Yamizaki, N. 35557
Mogi, S. *see* Yamamoto, M. 52254
Mogilevski, R. *see* Shiloh, M. 32898
Mogribge, L. Market mechanisms for reactive capability and energy 19201
Moguiline, E. *see* Gauthier, C. 59190
Moguiline, E. *see* Goulon, J. 49357
Mogul, H.C., Rost, T.A., Der-Gao Lin Advantages of LDD-only implanted fluorine with submicron CMOS technologies 32542
Moh, W.M., Hegde, M. Evaluation of ABR congestion control protocols for ATM LAN and WAN 57912
Moh, W.M., Yu-Feng Chung, Teng-Sheng Moh, Wang, J. Evaluation of high speed LAN protocols as multimedia carriers 6138
Moh, W.M., Yu-Jen Chien, Zhang, L, Teng-Sheng Moh Delay performance evaluation of high speed protocols for multimedia communications 47381
Moh, W.M. *see* Lee, D. 57593
Moh Kyung Goo *see* Kyung Goo Moh
Moh Teng-Sheng *see* Teng-Sheng Moh
Moh Tzu-Chung *see* Tzu-Chung Moh
Mohabeer, M.K. *see* Ratner, J. 59578
Mohaddes, M., Gole, A.M., McLaren, P.G. Optimization of PWM voltage source inverter using an artificial neural network 19856
Mohades-Kassai, A. *see* Beaudoin, M. 27962
Mohajeri, J. *see* Sadeghiyan, B. 24775
Mohajerzadeh, S., Selvakumar, C.R. A simple model for low energy ion-solid interactions 40397
Mohajerzadeh, S., Selvakumar, C.R., Brodie, D.E., Robertson, M.D., Corbett, J.M. A low energy ion beam assisted deposition technique for realizing iso-type SiGe/Si hetero-interface diodes 1985
Mohallem, N.D.S. *see* Dias, A. 52847
Mohamad, G.H.P., Coles, G.S.V., Watson, J. An automatic low-level gas blender 48731
Mohamadian, M., Nowicki, E.P., Ashrafzadeh, F., Salmon, J.C. Training of a neural network controller for indirect field orientation control 19750
Mohamed, A.S. A transputer-based neural architecture for off-line recognition of unconstrained cursive handwritten Arabic text 35302
Mohamed, A.S., Ghoniemy, S. Automatic testing of digital circuit through signature analysis 41114
Mohamed, D.Abd El Aziz *see* Abd El Aziz Mohamed, D.
Mohamed, F., Marzouki, M. Test and diagnosis of analog circuits: when fuzziness can lead to accuracy 22926
Mohamed, K.A., Pap, L. Performance analysis of frequency-hopped spread-spectrum packet radio networks. Part I: slotted multiple-access 46677
Mohamed, K.A., Pap, L. Performance analysis of frequency-hopped spread-spectrum packet radio networks. Part II. Unslotted multiple-access 46678
Mohamed, K.M. *see* Terra, F.S. 12282
Mohamed-Nour, H.I., Quigley, J.W., Das, R. Design considerations in an efficient electric motorcycle 61261
Mohamedi, R. *see* Belhadj, C. 19127
Mohammad, S.N., Kim, W., Salvador, A., Morkoc, H. Reactive molecular-beam epitaxy for wurtzite GaN 52636
Mohammad, S.N. *see* Aktas, O. 13025
Mohammad, S.N. *see* Dae-Gyu Park 2278
Mohammad, S.N. *see* Dae-Gyu Park 32392
Mohammad, S.N. *see* Dae-Gyu Park 42329
Mohammad, S.N. *see* Kim, W. 30832
Mohammad, S.N. *see* Park, D.G. 54663
Mohammad, S.N. *see* Stengel, F. 22453
Mohammad, S.N. *see* Zhi Chen 22463
Mohammad, S.Noor *see* Noor Mohammad, S.
Mohammad-Djafari, A. Joint estimation of parameters and hyperparameters in a Bayesian approach of solving inverse problems 56522
Mohammadi, A.H.S., Khandani, A.K. Unequal error protection on turbo-encoder output bits 34564
Mohammadi, B. *see* Borouchaki, H. 40261
Mohammadnejad, S. *see* Okamura, S. 36481
Mohammadzadeh, A. *see* Holland, A.D. 49858
Mohammadzadeh, A. *see* Watts, S.J. 22215
Mohammed, I.A., Al-Hashemy, B.A.R., Tawfik, M.A. A Fourier descriptor model of hysteresis loops for sinusoidal and distorted waveforms 33832
Mohammed, O.A., Uler, F.G., Russenschuck, S., Kasper, M. Design optimization of a superferric octupole using various evolutionary and deterministic techniques 44988
Mohammed, O.A., Uler, G.F. A hybrid technique for the optimal design of electromagnetic devices using direct search and genetic algorithms 44973
Mohammed, S.N., Morkoc, H. Progress and prospects of group-III nitride semiconductors 44280
Mohammed-Brahim, T., Briand, D., Kis-Sion, K., Guillet, D., Salaun, A.C., Bonnaud, O. Thermal activation of the crystallization kinetics of amorphous silicon 52806
Mohammed-Brahim, T. *see* Briand, D. 12885
Mohammed-Brahim, T. *see* Salaun, A.-C. 12985
Mohan, A.S. *see* Wang, J.-G. 58199
Mohan, B., Phadke, S.B. Variable structure active suspension system 51818
Mohan, C.K. *see* Ozcan, E. 46187
Mohan, C.R. *see* Mitra, S. 53193
Mohan, C.V. *see* Coelho, A.A. 30706
Mohan, K.Krishna *see* Krishna Mohan, K.
Mohan, N.K., Saldner, H.O., Molin, N.-E. Recent applications of TV holography and shearography 33757
Mohan, N.K., Sirohi, R.S. Fringe formation in symmetric three-aperture speckle shear interferometry: an analysis 7618
Mohan, N.K. *see* Saldner, H.O. 33755
Mohan, N.K. *see* Santhanakrishnan, T. 33758
Mohan, N.K. *see* Sirohi, R.S. 36884
Mohan, P., Sharma, D.R., Gupta, A.C. Comparison of an ultrasonic interferometer manometer and a static expansion system using a capacitance diaphragm gauge 17159

Mohan, R. *see* Bolle, R.M. 25479
Mohan, R. *see* Ling, C.C. 8088
Mohan, R.K. *see* Jayanth, P. 44776
Mohan, R.V., Tamma, K.K., Avila, A.F. Flux-based finite-volume formulations and adaptive time-stepping strategies for modeling of reentry thermal protection systems 8225
Mohan, S. Privacy and authentication protocols for PCS 6518
Mohan, S.R., Neogy, S.K. Vertical block hidden Z-matrices and the generalized linear complementarity problem 30613
Mohan Raj, G.D. Capacitors–a fallacy 60980
Mohan Rao, P. *see* Sreeramana Aithal, P. 55267
Mohanan, P. *see* Deepukumar, M. 34358
Mohanan, P. *see* George, J. 1556
Mohanan, P. *see* George, J. 4392
Mohanan, P. *see* George, J. 34429
Mohanan, P. *see* Mathew, T. 6887
Mohanan, P. *see* Rao, M.S.R. 1557
Mohanan, P. *see* Sreemoolanadhan, H. 1692
Mohanan, P. *see* Stephen, D.S. 4225
Mohanan, P.V., Rathinam, K. Biocompatibility studies on silicone rubber 8150
Mohanavadivu, P. *see* Sridharan, V. 39940
Mohandes, M., Bogner, R.E., Bouzerdoum, A. Hierarchical clustering for OTHR track fusion 27080
Mohankrishnan, N. A graded process for basic electronic circuit design that works 20532
Mohanty, A., Das, N.K. Spectral-domain Green's function analysis of an infinite array of printed dipoles covered by a layer of an idealized unidirectional conducting screen 34362
Mohanty, B. *see* Tang, O. 9753
Mohanty, B.K., Meher, P.K. Cost-effective novel flexible cell-level systolic architecture for high throughput implementation of 2-D FIR filters 15202
Mohapatra, G.R., Kalam, A., Zayegh, A., Coulter, R.J. Issues of concern in a distribution network with nonconventional energy sources, energy storage and power electronics devices 19303
Mohapatra, Y.N. *see* Majumder, S.B. 23162
Mohapatra, Y.N. *see* Majumder, S.B. 54946
Moharil, S.V. *see* Upadeo, S.V. 55404
Moharir, P.S., Maru, V.M., Singh, R. Untrapping techniques for radar signal design 48081
Moharir, P.S. *see* Rao, K.S. 34811
Moharram, A.H. *see* Hafiz, M.M. 54120
Mohdjoubi, K. *see* Bhatnagar, P.S. 4391
Moheb, H., Shaker, J. Investigation of cavity-backed aperture antenna with single or stacked subreflector configurations 34191
Mohebi, M. *see* Rangel-Rojo, R. 55517
Moheimani, S.O.Reza *see* Reza Moheimani, S.O.
Mohl, D. On Landau damping of dipole modes by non-linear space charge and octupoles 17958
Mohler, R.R. *see* Khapalov, A.Y. 50510
Mohlmann, G. *see* Jager, M. 24075
Mohlmann, G.R. *see* Jager, M. 4035
Mohn, G. *see* Kadereit, D. 54551
Mohney, S.E., Luther, B.P., Jackson, T.N. Metallurgical study of contacts to gallium nitride 12539
Mohney, S.E. *see* Luther, B.P. 22425
Mohorko, B. *see* Jezernik, K. 9401
Mohou, M.A. Characterization of double heterostructure lasers GaAlAsSb-GaInAsSb-GaAlAsSb emitting in continuous mode at at 80 K 44557
Mohr, A., Finger, W., Fohr, K.J., Gopel, W., Hammerle, H., Nisch, W. Performance of a thin film microelectrode array for monitoring electrogenic cells in vitro 17564
Mohr, F. *see* Krusell, W.C. 42471
Mohr, F. *see* Szafarska, E. 50728
Mohr, G. *see* Hofer, E. 59579
Mohr, G.J., Wolfbeis, O.S. Effects of the polymer matrix on an optical nitrate sensor based on a polarity-sensitive dye 48425
Mohr, J., Gottert, J., Muller, A. Microoptical devices based on free space optics with LIGA microoptical benches: examples and perspectives 26687
Mohr, J. *see* Gottert, J. 23565
Mohr, J. *see* Krippner, P. 17334
Mohr, J. *see* Menz, W. 32584
Mohr, J. *see* Muller, A. 16445
Mohr, J. *see* Muller, A. 55183
Mohr, J. *see* Parsey, J.M., Jr. 12028
Mohr, J. *see* Schulr, J. 54534
Mohr, J. *see* Schulz, J. 23091
Mohr, J. *see* Zanghellini, J. 42863
Mohr, R. *see* Carlsson, S. 25541
Mohr, R. *see* Florou, G. 5091
Mohr, R. *see* Pizlo, Z. 57142
Mohr, R. *see* Schmid, C. 57321
Mohr, R. *see* Wei Wang 5011
Mohr, U., Leihkauf, R., Jacob, K. Phosphorus distribution profiles in 100-silicon using a spin-on source at low temperatures 32137
Mohr, W. Special topics in wideband mobile radio channel modelling and measurements 35963
Mohrenfels, T.W.von *see* von Mohrenfels, T.W.
Mohri, F. *see* Enokizono, M. 43712
Mohri, K. *see* Bushida, K. 7534
Mohri, K. *see* Kanno, T. 27525
Mohri, K. *see* Matsuno, M. 9204
Mohri, K. *see* Panina, L.V. 3056
Mohri, M. *see* Kakinuma, H. 31836
Mohring, J. *see* Stephan, R. 53661
Mohrle, M. *see* Sartorius, B. 23965
Mohrle, M. *see* Weich, K. 24132
Mohsenian, N. *see* Moghaddamzadeh, A. 25362
Mohsin, M.M., Narayanachar, M.N., Nema, R.S. A study of partial discharge characteristics in oil impregnated pressboard insulation 19789
Mohun, V.T. *see* Goel, A.K. 54678
Moi, L. *see* Atutov, S.N. 3497
Moi Keow Lee, Kok Yeong Chan A flexible inspection cell for machined parts 4991
Moignard, R., de Bougrenet de la Tocnaye, J.L. 3D self-imaging condition for finite aperture objects 5237
Moigne, J.Le *see* Le Moigne, J.
Moigne, O.Le *see* Le Moigne, O.
Moilanen, H. *see* Leppavuori, S. 54490
Moilanen, H. *see* Remes, J. 52824
Moine, B. *see* Auffray, E. 18084
Moine, B. *see* Auffray, E. 37281
Moine-Py, B.Le *see* Le Moine-Py, B.
Moini, A., Bouzerdoum, A., Eshraghian, K., Yakovleff, A., Xuan Thong Nguyen, Blanksby, A., Beare, R., Abbott, D., Bogner, R.E. An insect vision-based motion detection chip 25700
Moini, A. *see* Nguyen, X.T. 59016
Moini, R., Samiee, M., Tavakoli, A., Rafi, G.Z. A dual-feed dual-excitation mode circularly-polarized crossed-slot antenna 35932
Moini, R. *see* Tavakoli, A. 34296
Moini, R. *see* Tavakoli, A. 34349
Moinpour, M., Philipossian, A. Current issues and future trends in CMP consumables for oxide and metal polish 42557
Moinpour, M. *see* Ozkan, C.Z. 42674
Moiola, J.L., Guanrong Chen On the birth of multiple limit cycles in nonlinear systems 1110
Moir, D.C. *see* Burns, M.J. 49216
Moir, R.W. Liquid wall inertial fusion energy power plants 60479
Moir, R.W. *see* Petzoldt, R.W. 60480
Moir, T.J. *see* Clark, D.F. 36528
Moir, T.J. *see* Dussarrat, O.J. 7653
Moir, T.J. *see* Hussain, A. 34703
Moiraghi, L. *see* Ciarlini, P. 52306
Moisan, A.M. *see* Borges, C.F.M. 856
Moisan, C. *see* Rogers, J.G. 28162
Moisan, C. *see* Vozza, D. 59210
Moisan, E. *see* Mio, K. 48155
Moisan, G. *see* Lambert, B. 13686
Moisan, G. *see* L'Haridon, H. 14278
Moisan, J.Y. *see* Gauneau, M. 32969
Moisan, J.Y. *see* Martel, G. 3977
Moisan, M. *see* Bosc, D. 23545
Moise, T. *see* Bowen, R.C. 42919
Moise, T. *see* Henderson, T. 42960
Moise, T. *see* Klimeck, G. 54579
Moise, T.S. *see* Lake, R. 2737
Moise, T.S. *see* Murti, M.R. 53585
Moiseenko, V.N., Antonenko, M.M., Grechukh, T.Z., Nosenko, A.E. Second harmonic generation in $Sr_3Ga_2Ge_4O_{14}$ crystals 24080
Moiseenko, V.V. *see* Novikov, V.K. 60779
Moiseev, K.D., Mikhailova, M.P., Ershov, O.G., Yakovlev, Yu.P. Infrared laser (λ=3.2 μm) based on broken-gap type II heterojunctions with improved temperature characteristics 55654
Moiseev, K.D. *see* Voronina, T.I. 54146
Moiseev, K.D. *see* Yakovlev, Yu.P. 3890
Moiseev, M.A. *see* Goldenberg, A.L. 41790
Moiseev, V.A. *see* Esin, S.K. 37020
Moiseev, V.E. *see* Sharygin, L.M. 38465
Moiseeva, N.P. Investigation of the effect of the hardening of vacancies in high-temperature platinum resistance thermometers 48462
Moiseiwitsch, N.E., Schiz, J.F.W., Marsh, C.D., Ashburn, P., Booker, G.R. Increased current gain and reduced emitter resistance in F-implanted, low thermal budget polysilicon emitters for SiGe HBTs 22769
Moisio, M.F. *see* Cavenago, M. 49291
Moisio, M.F. *see* Dainelli, A. 49138
Moisio, M.F. *see* Lombardi, A. 37117
Moisio, T. *see* Zhigang Qu 39458
Moiso, C. *see* Coppo, P. 47291
Moiso, C. *see* Licciardi, C.A. 47259
Mojarrad, M., Shahinpoor, M. Ion exchange membrane-platinum composites as electrically controllable artificial muscles 21393
Mojarrad, M. *see* Salehpoor, K. 3522
Mojir-Shaybani, S. *see* Tajbakhsh, S. 48108
Mojoli, G.A., Salvi, D., Sami, M.G., Sechi, G.R., Stefanelli, R. KITE: a behavioural approach to fault-tolerance in FPGA-based systems 31254
Mojsilovic, A., Popovic, M., Sevic, D. Classification of the ultrasound liver images with the 2N×1-D wavelet transform 59446
Mojzes, I., Kovacs, B., Kun, I., Mate, L., Schuszter, M., Dobos, L. Surface pattern formation and the volatile component loss of heat treated Pd-InP and Au-InP samples 32054
Mojzes, I., Kovacs, B., Kun, I., Mate, L., Schuszter, M., Dobos, L. Surface pattern formation and the volatile component loss of heat treated metallisations of InP 42736
Mojzes, I. *see* Kovacs, B. 32237
Mojzis, M. *see* Tomcikova, I. 36531
Mok, K. *see* Chan Fang Khoon 57644
Mok Chang Sang *see* Sang Mok Chang
Mok Hyung-Soo *see* Hyung-Soo Mok
Mok Siu-Wai *see* Siu-Wai Mok
Mok-Dong Chung *see* Dong-Suk Shin 11372
Mok-Soon Jang *see* Chong-Yeun Park 21758
Mokaddem, A. *see* Kajfez, D. 31477
Mokadem, A., Daoudi, M., Ghorbel, F. A shape distance by complete and stable invariant descriptors for contour tracking 5058
Mokadem, A. *see* Ghorbel, F. 5428
Mokbel, C., Jouvet, D., Monne, J. Deconvolution of telephone line effects for speech recognition 4604
Mokbel, C., Mauuary, L., Jouvet, D., Monne, J., Sorin, C., Simonin, J., Bartkova, K. Towards improving ASR robustness for PSN & GSM telephone applications 45676
Mokeev, V.I. *see* Rossi, P. 18092
Mokhnatyuk, A.A., Sotnikov, A.N. The coordinate function transformation method to serve graphics recognition problems 46287
Mokhov, E.N. *see* Baranov, P.G. 12276
Mokhov, N. *see* Murphy, C.T. 49262
Mokhov, N. *see* Palmer, R.B. 17924
Mokhov, N.V. Comparison of backgrounds in detectors for LHC, NLC and $\mu^+\mu^-$ colliders 18111
Mokhov, N.V., Noble, R.J., Van Ginneken, A. Target and collection optimization for muon colliders 18068
Mokhov, N.V., Striganov, S.I. Simulation of backgrounds in detectors and energy deposition in superconducting magnets at $\mu^+\mu^-$ colliders 17940
Mokhov, N.V. *see* Drozhdin, A.I. 37276
Mokhov, N.V. *see* Palmer, R.B. 17966
Mokhtar, M., Kader, M.A., Kassem, M. Direction of arrival estimation techniques using uniform circular array 56484
Mokhtar, M.M., Ragab, A.S. Performance analysis of adaptive DFE-RLS in mobile fading channels 58180
Mokhtar, M.M. *see* Ragab, A.S. 58179
Mokhtari, H. Theoretical computation of the coverage probability of a digital TV transmitter in an analogue TV network using a stochastic approach 36321
Mokhtari, M., Juhola, T., Schuppener, G., Sellberg, F. Automatic extraction of higher order interconnect parasitics for device level simulators for VHSIC applications 54772
Mokhtari, M. *see* Lazraq, T. 6407
Mokhtari, M. *see* Swahn, T. 36180
Mokhtari, S. *see* Aganagic, M. 50358
Mokhtari, S. *see* Irisarri, G.D. 50299
Mokhtari, S. *see* Yuan, Z. 40542
Mokler, P.H. *see* Stohlker, Th. 7727
Mokrenko, P.V., Pavlyuk, E.I., Yurish, S.Y. Model of quantum converter of current/frequency with shock excitation 17604
Mokrenko, P.V. *see* Yurish, S.Y. 1649
Mokris, I., Semancik, L. Separation of binary images by means of singular value decomposition 15658
Mokrushin, Yu.M., Shakin, O.V. Acoustooptical system for imaging TV information by using a copper vapor laser 13743
Mokrushin, Yu.M. *see* Grekhov, I.V. 13945
Mokrushin, Yu.M. *see* Grekhov, I.V. 14224
Moku, T. *see* Murofushi, H. 55446
Mokwa, W. *see* Kersjes, R. 18181
Mol, A.-L. *see* van Lieshout, M. 26125
Molarius, J. *see* Rantamaeki, R. 52601
Molau, H.-J., Schaefer, K.-O. Signalling and safety systems of the Hanover-Berlin high-speed line 20181
Molchanov, V.A. *see* Stepanova, A.N. 53920
Molchanov, V.Ya. Acousto-optic TeO_2 devices using regular domain structure transducers 23603
Moldavskaya, M.D. *see* Gavrilenko, V.I. 54201
Molders, N., Moser, H.O., Menz, W., Schilling, P., Saile, V. Synchrotron radiation analysis of microstructures 52737
Moldovan, L., Li, H.H. A rail-to-rail, constant gain, buffered op-amp for real time video applications 21513
Moldovan, L. *see* Trifa, V. 9613
Moldovanu, A., Diaconu, E.-D., Ioan, C., Moldovanu, E. Magnetometric sensors with improved functional parameters 7278
Moldovanu, A. *see* Ioan, C. 7267
Moldovanu, A. *see* Macoviciuc, M. 17298
Moldovanu, A. *see* Moldovanu, B.-O. 7539
Moldovanu, B.-O., Moldovanu, C., Moldovanu, A. Computer simulation of the transient behaviour of a fluxgate magnetometric circuit 7539
Moldovanu, B.O. *see* Moldovanu, C. 17300
Moldovanu, C., Moldovanu, B.O. Fluxgate magnetometric circuit for measurement of d.c. and low frequency magnetic field 17300
Moldovanu, C. *see* Moldovanu, B.-O. 7539
Moldovanu, E. *see* Ioan, C. 7267
Moldovanu, E. *see* Moldovanu, A. 7278
Moldoveanu, M. *see* Stanculescu, F. 12141
Moldover, M.R. *see* Goodwin, A.R.H. 7224
Moldovyan, A.A., Moldovyan, N.A. Fast software encryption systems for secure and private communication 45610
Moldovyan, N.A. *see* Moldovyan, A.A. 45610
Molebny, V.V., Lionheart, W.R.B., Vovk, P.P., Mykytenko, Y.H., Gouz, V.I. Sensor position measurement for electroimpedance tomograph 59612
Molebny, V.V., Pallikaris, I.G., Naoumidis, L.P., Kamerman, G.W., Smirnov, E.M., Ilchenko, L.M.,

Goncharov, V.O. Dual-beam dual-frequency scanning laser radar for investigation of ablation profiles 7977
Molenaar, J.W.S. *see* Mulder, M. 9332
Molenbroek, A.M. *see* Polman, A. 31759
Molenkamp, L.W. *see* Dolgopolov, V.T. 54151
Molesini, G. *see* Trivi, M. 7586
Molfino, P. *see* Alotto, P. 44962
Molfino, P. *see* Colyer, B. 44984
Molfino, P. *see* Girdinio, P. 44902
Molin, N.-E. *see* Mohan, N.K. 33757
Molin, N.-E. *see* Saldner, H.O. 33755
Molin Chang, Shuih-Jong Yih, Wu-Shiung Feng Recursive algorithm for calculating effective resistances in RC tree 21634
Molina, A. *see* Fannin, P.C. 6525
Molina, C. *see* Marques, F. 56848
Molina, G. *see* Carrescia, M. 138
Molina, G. *see* Carrescia, M. 24502
Molina, J.P. *see* Almeida, A.M. 1878
Molina, M.I. *see* Deering, W.D. 33719
Molina, P.A., Cheung, P.Y.K. A quasi delay-insensitive bus proposal for asynchronous systems 53235
Molina, P.A., Cheung, P.Y.K., Bormann, D.S. Quasi delay-insensitive bus for fully asynchronous systems 1304
Molina, R., Katsaggelos, A.K., Mateos, J., Abad, J. Restoration of severely blurred high range images using compound models 57274
Molina, R. *see* Mateos, J. 15598
Molina Torres, L.C., Verdonck, P. A precise method to determine the stress current to be applied to electromigration test structures 22610
Molina-Fernandez, I. *see* Barbancho-Perez, I. 1702
Molina-Gamez, M.C., Subirana-Vilanova, J.B. Sparse groups: A polynomial middle-level approach for object recognition 5122
Molina-Lopez, J.M. *see* Isasi-Vinuela, P. 38634
Molinar, G. Piston gauges for pressure measurements in liquids up to 3 GPa 49001
Molinar, G.E. *see* Maghenzani, R. 58725
Molinari, G. *see* Alotto, P. 44888
Molinari, G. *see* Colyer, B. 44984
Molinari, G. *see* Girdinio, P. 44902
Molinaro, A. *see* Daponte, P. 45713
Molinaro, A. *see* Grimaldi, D. 1534
Molinaro, A. *see* Iera, A. 6327
Molinas, M. *see* Senjyu, T. 8821
Molinas, M. *see* Senjyu, T. 50384
Moliner, A. *see* Sillars, D.B. 31463
Molinero, A. *see* Adam, A. 37280
Molinero, A. *see* Alberdi, J. 37564
Molinet, F. *see* Grumer, L.C. 30030
Molinie, P. Potential decay interpretation on insulating films: necessity of combining charge injection and slow volume polarization processes 43520
Molisch, A.F. Small-scale statistics of the RMS delay spread in fading channels for simulcast and on-frequency repeaters 58220
Molisch, A.F., Bonek, E. Error floor of $\pi/4$-DQPSK in mobile radio channels 47602
Moliton, A. *see* Trouillas, P. 22202
Molitor, P. *see* Peters, I. 54751
Moll, B. *see* Weigel, T. 3527
Moll, J. *see* Oh, S.-Y. 2753
Moll, J. *see* Oh, S.Y. 43240
Moll, M. *see* Feick, H. 59261
Moll, R. The WDR digital satellite reporting van 26666
Mollaev, A.Yu. *see* Bashirov, R.I. 54122
Mollame, R., Trillo, S., Assanto, G. Soliton polarization rotation and switching in type II second-harmonic generation 33646
Mollenauer, J.F. Matching HFC systems to wide-area ATM networks 16449
Mollenauer, J.F. New prospects for ATM flow control 57707
Mollenauer, L.F., Mamyshev, P.V., Neubelt, M.J. Method for facile and accurate measurement of optical fiber dispersion maps 3397
Mollenauer, L.F. *see* Mamyshev, P.V. 6764
Moller, B. *see* Fiedler, U. 26763
Moller, C. *see* Benredjem, D. 13913
Moller, D. *see* Reuter, M. 28367
Moller, D.P.F., Reuter, M. Sensitive neural nets and fuzzy-classificators and their impact for medical applications 59742
Moller, D.P.F. *see* Reuter, M. 52115
Moller, H. *see* Treitinger, L. 13114
Moller, H. *see* Treitinger, L. 22952
Moller, K.D., Warren, J.B., Heaney, J.B., Kotecki, C. Cross-shaped bandpass filters for the near- and mid-infrared wavelength regions 3542
Moller, K.O. *see* Csiki, Z. 37716
Moller, L., Leich, M. Optical lightwave synthesizer 47920
Moller, R. *see* Lange, H. 11137
Moller, S. The new telecommunication law 35538
Moller, S. *see* Franz, E. 24777
Moller, U., Galicki, M., Witte, H. Fast vector quantizer on neural clustering networks providing globally optimal cluster solutions 15543
Moller, W. *see* Mandl, S. 54361
Moller-Holst, S. Preparation and evaluation of electrodes for solid polymer fuel cells 51539
Moller-Larsen, A. *see* Brorson, S.D. 23937
Moller-Larsen, A. *see* Wang, Z. 23939
Mollers, R. *see* Schnieders, A. 54440
Mollica, F. *see* Grimaldi, D. 1534
Mollier, P. *see* Voinot, V. 14297
Mollier, P. *see* Wacogne, B. 26775
Mollot, F. *see* Fawaz, H. 54822
Mollova, G.S. Weighted mean squared error criterion with fixed-level modification for linear-phase FIR filter design 4836
Molloy, C.H. *see* Chen, X. 31981
Molloy, J. *see* Maguire, P. 12732
Molloy, J. *see* Sloman, A.W. 17254
Molloy, M.S.O., Robalewska, H., Robinson, R.W., Wormald, N.C. 1-factorizations of random regular graphs 52501
Molloy, R. *see* Parasuraman, R. 49849
Molloy, S. *see* Chien, C. 26232
Molnar, A.C., Reddy, M., Mondry, M.J., Rodwell, M.J.W., Allen, S.J., Jr., Martin, S.C., Muller, R.E., Smith, R.P. Submm-wave monolithic RTD oscillator arrays to 650 GHz 41466
Molnar, A.C. *see* Reddy, M. 53652
Molnar, B. *see* Eddy, C.R., Jr. 12782
Molnar, B. *see* Edwards, A. 54368
Molnar, C.E., Jones, I.W., Coates, W.S., Lexau, J.K. A FIFO ring performance experiment 53239
Molnar, J.A. Conversion of MIL-T-28800 to a performance specification 38188
Molnar, L., Glavas, C. Ergonomy of the driver's cabin of revitalized tram TMK 2101 9999
Molnar, M. *see* Dioszeghy, P. 49580
Molnar, R.J., Aggarwal, R., Liau, Z.L., Brown, E.R., Melngailis, I., Gotz, W., Romano, L.T., Johnson, N.M. Optoelectronic and structural properties of high-quality GaN grown by hydride vapor phase epitaxy 21281
Molnar, R.J. *see* Guenin, B.M. 20911
Molnar, R.J. *see* Maki, P.A. 14176
Molnar, S., Cselenyi, I., Bjorkman, N., Perntz, C.-G., Boda, M. ATM traffic measurements and analysis on a real testbed 35812
Molnar, S.von *see* von Molnar, S.
Molnar, T. *see* Halasz, S. 51735
Molodykh, E.I., Pevtsova, I.K., Tykotskii, V.V. Mathematical simulation of the output stage of a high-power voltage pulse generator for pumping metal vapor lasers 14225
Molodykh, E.I. *see* Buchanov, V.V. 13916
Molodykh, E.I. *see* Buchanov, V.V. 13917
Moloney, C. *see* Ramponi, G. 46208
Moloney, J.V. *see* Bleich, M.E. 55594
Moloney, J.V. *see* Forysiak, W. 44710
Molony, A., Zhang, L., Willlams, J.A.R., Bennion, I., Edge, C., Fells, J. Fiber Bragg grating networks for time-delay control of phased-array antennas 13576
Molotkov, S. *see* Borodulkin, L. 17303
Molotkov, S.N. Effect of dispersion and damping in a communication channel on the secrecy of a quantum cryptosystem 34612
Molotkov, S.N., Nazin, S.S. Single-electron computing: quantum dot logic gates 31191
Molotkov, S.N., Nazin, S.S. Is there a fundamental limit on the length of a communication channel in a single-photon quantum cryptosystem? 45491
Molotkov, S.N., Nazin, S.S. Single-electron computing: quantum dot logic gates 53264
Molotkov, S.V., Nazin, S.S. Quantum cryptography based on the time-energy uncertainty relation 56359
Molotok, V.V. *see* Kludzin, V.V. 23605
Molotok, V.V. *see* Kulakov, S.S. 13744
Molotov, E.P. *see* Selivanov, A.S. 49875
Mols, P.P.G. *see* Hummel, E. 16825
Molsen, H. *see* Eschler, J. 33150
Moltedo, L., Salvetti, O. Image-based simulation of degradation events 46288
Molthen, R. *see* Shankar, P.M. 7980
Molva, E. *see* Fulbert, L. 4161
Molva, E. *see* Rabarot, M. 14066
Molva, E. *see* Thony, P. 3895
Molva, R. *see* Blum, C. 6284
Molva, R. *see* Blum, C. 47352
Molva, R. *see* Blum, C. 57968
Molvar, K.M. *see* Chen, C.L. 43149
Molyneaux, D.A., Qureshi, A.H. Vertical field quadrature phased array coil system 7905
Molyneux, J. *see* Chippington, G.R. 29811
Molyneux, T.S. *see* Goodnough, M.A. 17530
Molzer, W. *see* Treitinger, L. 13114
Molzer, W. *see* Treitinger, L. 22952
Molzon, W. *see* Atmur, R. 37518
Momata, K. *see* Kitada, M. 13472
Momenan, R. *see* Rio, D.E. 25513
Momma, A. *see* Okuo, T. 51516
Momma, C. *see* Chichkov, B.N. 33662
Momma, C. *see* Wellegehausen, B. 14293
Momma, T., Komaba, S., Osaka, T. Simulation of power capacitor properties for electric vehicle power supply 61278
Momma, T., Liu, X., Osaka, T., Ushio, Y., Sawada, Y. Electrochemical modification of active carbon fiber electrode and its application to double-layer capacitor 11771
Momma, T. *see* Osaka, T. 40687
Momma, T. *see* Xingjiang Liu 53709
Mommaert, C. *see* Annis, P. 59237
Momoh, J.A., Bofah, P., Chuku, A. Optimizing a design based undergraduate power engineering education program 20528
Momoh, J.A., Dias, L.G., Laird, D.N. An implementation of a hybrid intelligent tool for distribution system fault diagnosis 50560
Momoh, J.A., Koessler, R.J., Bond, M.S., Stott, B., Sun, D., Papalexopoulos, A., Ristanovic, P. Challenges to optimal power flow 50477
Momoh, J.A. *see* Basheer, O.A.A. 8270
Momoh, J.A. *see* Butler, K.L. 50550
Momona, M. *see* Maruyama, M. 7088
Momosaki, E. *see* Ji Wang 32751
Momosaki, E. *see* Takagi, M. 13393
Momose, A. Phase-contrast X-ray CT 18228
Momose, H. *see* Wirner, C. 12453
Momose, H. *see* Yamanaka, K. 12485
Momose, H.S., Morifuji, E., Yoshitomi, T., Ohguro, T., Saito, I., Morimoto, T., Katsumata, Y., Iwai, H. High-frequency AC characteristics of 1.5 nm gate oxide MOSFETs 41463
Momose, H.S. *see* Ohgaro, T. 2802
Momose, H.S. *see* Ohguro, T. 41460
Momose, H.S. *see* Yoshitomi, T. 2795
Momose, M., Taike, A., Kawata, M., Gotoh, J., Nakatsuka, S. Disordering of the ZnCdSe single quantum well structure by Cd diffusion 12409
Momose, M. *see* Watanabe, K. 40414
Momose, T., Nishida, K., Hirayama, H., Toga, T., Ishimaru, H. Tungsten-aluminum brazed material application on to the internal target or radiation absorber in electron storage rings 36999
Momose, T. *see* Kosugi, Y. 59508
Momoses, H. *see* Miura, N. 2198
Momozawa, M., Morisaki, K., Namai, T. Automatic detection system of accident vehicle by image processing technology 25707
Monacelli, G. *see* Hagen, J.Q.W. 51303
Monaco, F.A. Video channel preprocessor analysis for the autogenerative nodal memory (ANM) based autonomously responsive system experiment 57535
Monaco, J.W., Smith, M.J.T. Video coding using image warping within variable size blocks 5180
Monaco, J.W., Smith, M.J.T. Sensor data enhancement of ballistic missile warheads using an affine motion model 60162
Monaco, M. *see* Mainardi, L.T. 37597
Monaco, O.Di *see* Di Monaco, O.
Monaco, R. *see* Parlato, L. 23421
Monaco, V.A. Italian technology transfer projects in microelectronics 13082
Monacos, S. *see* Lome, L.S. 6805
Monaghan, W. *see* Casey, B.G. 40690
Monaghan, W. *see* Green, N.G. 44978
Monahan, K.M. *see* Hordon, L.S. 24366
Monahan, T. *see* Lareau, R.T. 12333
Monaka, T. *see* Takayama, K. 14197
Monakhov, E.V., Nylandsted Larsen, A., Kringhoj, P. Electronic defect levels in relaxed, epitaxial p-type $Si_{1-x}Ge_x$ layers produced by MeV proton irradiation 31887
Monarch, K. *see* Parsey, J.M., Jr. 12028
Monastyrsky, M.A., Tarasov, V.A., Filachev, A.M. New theoretical approach to the self-coordinated problem in charged particle optics 33830
Moncayo, A. *see* Nimmagadda, S. 40774
Monch, W. Electronic properties of ideal and interface-modified metal-semiconductor interfaces 54248
Monch, W. *see* Nienhaus, H. 2373
Monchak, G.F. *see* Domrachev, V.M. 7282
Monchalin, J.-P. *see* Delaye, P. 18952
Monchalin, J.-P. *see* Dunning, G.J. 21398
Monchinsky, V.A., Kalagin, I.V., Govorov, A.I. Laser ion source of synchrophasotron and nucleotron in Dubna 28004
Monchinsky, V.A. *see* Baldin, A.M. 37160
Monchinsky, V.A. *see* Govorov, A.N. 37159
Moncoqut, D., Farenc, D., Rossel, P., Charitat, G., Tranduc, H., Victory, J., Pages, I. LDMOS transistor for SMART POWER circuits: modeling and design 22823
Moncorge, R., Manaa, H., Deghoul, F., Guyot, Y., Kalisky, Y., Pollack, S.A., Zharikov, E.V., Kokta, M. Saturable and excited state absorption measurements in Cr^{4+}:LuAG single crystals 3991
Mond, B., Zhang, J. Nonlinear programming with pseudo-invex constraints 21084
Mondal, J., Peterson, K., Wong, K., Vu, K., Consolazio, S., Geske, S., Blubaugh, J., Guthrie, W., Dietz, G., Haubenstricker, R., Fudem, H., Moghe, S. A highly integrated multifunction macro synthesizer chip (MMSC) for applications in 2-18 GHz synthesized sources 41492
Mondal, N. *see* Allison, W.W.M. 37269
Mondal, P.K. *see* Calvo, M.L. 35338
Mondelli, A.A. *see* Lee, Y. 49306
Mondin, M. *see* Daneshgaran, F. 34525
Mondin, M. *see* Daneshgaran, F. 35915
Mondol, H. *see* Goodberlet, J. 42873
Mondragon, J.J.S. *see* Quirino, G.S.G. 14307
Mondragon, J.J.S. *see* Sarabia, C.M.G. 24193
Mondrus, A. *see* Feighery, P. 59868
Mondry, M.J. *see* Molnar, A.C. 41466
Mondry, M.J. *see* Reddy, M. 53652
Mondt, J.F. Jupiter explorer using microspacecraft and bimodal reactor system 18703
Mondt, J.F. Aerospace gas/liquid separator for terrestrial applications 19561
Monecka, J. *see* Siegel, W. 41928
Monecke, J. *see* Miao, J. 32142
Monecke, J. *see* Tiginyanu, I.M. 54080
Monediere, T. *see* Melon, C. 55068
Monelli, A. *see* Sassella, A. 30915
Monelli, A. *see* Tonini, R. 54385

Monemar, B. *see* Bugajski, M. 12400
Monemar, B. *see* Buyanova, I.A. 2167
Monemar, B. *see* Chen, W.M. 2112
Monemar, B. *see* Godlewski, F. 12374
Monemar, B. *see* Godlewski, M. 12231
Monemar, B. *see* Godlewski, M. 12415
Monemar, B. *see* Godlewski, M. 12435
Monemar, B. *see* Godlewski, M. 12436
Monemar, B. *see* Lundstrom, T. 2129
Monemar, B. *see* Ni, W.-X. 2168
Monemar, B. *see* Son, N.T. 31889
Monemar, B. *see* Son, N.T. 42015
Monerie, M. *see* Delevaque, E. 48025
Monerie, M. *see* Poignant, H. 43979
Monerie, M. *see* Pureur, D. 43932
Monerie, M. *see* Quetel, L. 13600
Monerie, M. *see* Xie, W.X. 24284
Moneva, I.T. *see* Grabtschev, I.K. 55324
Monfort, J. *see* Calpe, J. 5183
Mong Song Liang *see* Kan Yuan Lee 54636
Mong Song Liang *see* Shye Lin Wu 22551
Mong-Song Liang *see* Kan-Yuan Lee 54290
Mong-Song Liang *see* Kan-Yuan Lee 54644
Monga, O. *see* Armande, N. 8015
Monga, O. *see* Lengagne, R. 5044
Monga, O. *see* Lengagne, R. 57450
Monga, O. *see* Prinet, V. 8041
Monge, R. *see* Paolucci, P. 37242
Mongeau, P. Combustion driven pulsed linear generators for electric gun applications 33883
Mongelli, M. *see* Barbarito, E. 18093
Mongia, R.K. Novel electric-monopole mode dielectric resonator antenna 34333
Mongiardini, E. *see* Adam, W. 59267
Mongiardo, M. *see* Accatino, L. 21875
Mongiardo, M. *see* Rozzi, T. 45291
Mongiardo, M. *see* Weisshaar, A. 21869
Mongkolwat, P. *see* Chang, C.K. 47748
Monguzzi, A. *see* Magni, V. 3756
Monhan Sondhi, M. *see* Ghitza, O. 34651
Moni, S., Kashyap, R.L. A multiresolution stochastic process for image compression 25574
Moni, S. *see* Kashyop, R.L. 34879
Moniatte, J. *see* Valenta, J. 33668
Monica, S.La *see* La Monica, S.
Monich, G. *see* Krause, J. 14633
Monich, G. *see* Lorch, R. 45226
Monich, G. *see* Wust, P. 8092
Monich, V.A. *see* Aksenov, G.A. 36440
Monier, C., Disseix, P., Leymarie, J., Vasson, A., Vasson, A.-M., Courboules, B., Deparis, C., Leroux, M., Massies, J. Oscillator strength of excitons deduced from reflectance measurements in (In,Ga)As/GaAs quantum wells grown by metalorganic molecular beam epitaxy 12404
Monier, C. *see* Disseix, P. 42169
Moniot, D.A. *see* Beck, S.E. 42443
Moniot, D.A. *see* Beck, S.E. 42523
Moniri, M. *see* Holdcroft, D. 31387
Moniri-Ardakani, S.M., Glytsis, E.N. Lossy multilayer channel optical waveguides analyzed by the transmission line matrix method 4310
Moniwa, M. *see* Shoji, K. 1356
Moniwa, M. *see* Torii, K. 55001
Monk, A.D. *see* Rayner, M. 14736
Monk, A.D. *see* Rayner, M. 45474
Monk, B. *see* Mashburn, B. 20680
Monk, D.J. *see* Sooriakumar, K. 27495
Monk, P. *see* Colton, D. 56004
Monkman, A.P. *see* Barker, P.S. 27743
Monkman, G. Micro actuation and memory alloys 13195
Monkowski, M. *see* Fu-Hua Liu 14886
Monma, J. *see* Iwase, N. 30265
Monma, J. *see* Yasumoto, T. 10943
Monma, S. *see* Sasaski, T. 10942
Monna, R., Angermeier, D., Slaoui, A., Muller, J.C. Silicon thin film homoepitaxy by rapid thermal atmospheric-pressure chemical vapor deposition (RT-APCVD) 21312
Monna, R., Angermeier, D., Slaoui, A., Muller, J.C. Polycrystalline silicon thin films by rapid thermal chemical vapor deposition (RTCVD) on graphite substrates 30896
Monna, R. *see* Lachiq, A. 20024
Monnaka, T. *see* Inoue, N. 40577
Monnard, R., Carlin, J.F., Rudra, A., Brocard, E., Miles, R., Jouneau, P.-H., Bobard, F., Berrocosa, J., Dupertuis, M.A., Sadeghi, A., Dwir, B., Reinhart, F.K., Wang, J., Leburton, J.P. Design, fabrication, and characterization of the double-barrier, reservoir, and quantum well electron tranfer modulator 33118
Monne, J. *see* Mokbel, C. 4604
Monne, J. *see* Mokbel, C. 45676
Monneret, J. *see* Lantz, E. 33005
Monneret, S. *see* Massaneda, J. 7656
Monnin, P. Assembly line definition for flexible BGA package manufacturing 20860
Monno, B. *see* Kergel, H. 20934
Monno, B. *see* Kergel, H. 22024
Monno, B. *see* Kergel, H. 53837
Monnom, G. *see* Baxter, G. 27591
Monnom, G. *see* Maurice, E. 58799
Monnoyer, M.-C. *see* Mayere, A. 26632
Mono, T. *see* Schulr, J. 54534
Monogioudis, P.N. The road ahead for mobile communications: trends for services and infrastructure 26622
Mononen, I. *see* Hallikainen, M. 8400
Mononen, J. *see* Ferrero, U. 26394
Mononen, J. *see* Ims, L.A. 26380
Mononobe, S., Naya, M., Saiki, T., Ohtsu, M. Reproducible fabrication of a fiber probe with a nanometric protrusion for near-field optics 58811
Monorchio, A., Manara, G., Pelosi, G. Electromagnetic scattering from metallic cylinders with longitudinal corrugations 33977
Monorchio, A. *see* Manara, G. 45044
Monro, D.M., Bassil, B.E., Dickson, G.J. Orthonormal wavelets with balanced uncertainty 57300
Monro, D.M. *see* Nicholls, J.A. 57288
Monro, D.M. *see* Sherlock, B.G. 15906
Monro, D.M. *see* Sherlock, B.G. 57301
Monro, D.M. *see* Sherlock, B.G. 57513
Monro, T.M., de Sterke, C.M., Poladian, L. Investigation of waveguide growth in photosensitive germanosilicate glass 23537
Monrocq, C. *see* Karray, L. 28137
Monroe, C. *see* Wineland, D.J. 48291
Monroe, D. *see* Alers, G.B. 12558
Monroe, D. *see* Alers, G.B. 43336
Monroe, S.E., Jr. *see* Knopp, J. 3485
Monroe, S.E., Jr. *see* Montes-Usategui, M. 7135
Mons, R. "Transformer" UUV for surf zone MCM 60166
Mons, S. *see* Quere, R. 53691
Monschau, H. *see* Berndt, D. 19136
Monsef, H., Ranjbar, A.M., Jadid, S. Fuzzy rule-based expert system for power system fault diagnosis 60198
Monta, M. *see* Kondo, N. 4943
Montacie, C. *see* Faudemay, P. 46053
Montag, A. *see* Azhari, H. 37625
Montag, C., Rossbach, J. An active mechanical stabilization system for linear collider quadrupoles to compensate fast ground motion 49115
Montag, C. *see* Assmann, R. 49112
Montagna, M. *see* Demartini, G. 19528
Montagna, M. *see* Granelli, G.P. 8764
Montagna, P., Marchello, L., Plasmati, R., Ferlini, A., Patrosso, M.C., Salvi, F. Electromyographic findings in transthyretin (TTR)-related familial amyloid polyneuropathy (FAP) 28313
Montagna, R., Beritelli, F., Casale, S., Cavallaro, A., Mattei, F. A monitoring system for QoS evaluation in the PSTN using a non-intrusive method 46979
Montagna, S., Paglino, R., Puglisi, A. Call acceptance control algorithms for voice, video and data traffic: a comparative study 35777
Montagne, R. *see* Glance, B. 6819
Montaigne, A. *see* Fuentes, J. 741
Montalant, T. *see* Aubin, G. 6852
Montalbano, G. *see* Presti, L.L. 25211
Montalvo, A.J., Gyurcsik, R.S., Paulos, J.J. Toward a general-purpose analog VLSI neural network with on-chip learning 41369
Montalvo, A.J., Gyurcsik, R.S., Paulos, J.J. An analog VLSI neural network with on-chip perturbation learning 41380
Montalvo, L.A., Parhi, K.K. Radix-2 over-redundant digit set converters 1296
Montalvo, L.A., Parhi, K.K., Satyanarayana, J.H. Estimation of average energy consumption of ripple-carry adder based on average length carry chains 31187
Montalvo, L.A. *see* Srinivas, H.R. 21563
Montana, M. *see* Di Dio, V. 9274
Montanari, D., Van Houdt, J., Wellekens, D., Vanhorebeek, G., Haspeslagh, L., Deferm, L., Groeseneken, G., Maes, H.E. Multi-level charge storage in source-side injection flash EEPROM 1373
Montanari, G.C., Ghinello, I., Gherardi, L., Caracino, P. An investigation on aging of multifilamentary 2223-BSCCO specimens under mechanical and environmental stresses 13486
Montanari, G.C. *see* Bozzo, R. 43528
Montanari, G.C. *see* Cacciari, M. 32693
Montanari, G.C. *see* Cavallini, A. 50308
Montanari, G.C. *see* Contin, A. 8943
Montanari, G.C. *see* Dissado, L. 13271
Montanari, G.C. *see* Mazzanti, G. 13284
Montanari, G.C. *see* Mazzanti, G. 28901
Montanari, G.C. *see* Mazzanti, G. 43545
Montanari, G.C. *see* Motori, A. 19347
Montanari, G.C. *see* Patsch, R. 43532
Montanari, G.C. *see* Penuzzottii, F. 32704
Montanari, G.C. *see* Peruzzotti, F. 50584
Montanaro, A. *see* Domenis, E. 6417
Montanaro, J., Witek, R.T., Anne, K., Black, A.J., Cooper, E.M., Dobberpuhl, D.W., Donahue, P.M., Eno, J., Hoeppner, W., Kruckemyer, D., Lee, T.H., Lin, P.C.M., Madden, L., Murray, D., Pearce, M.H., Santhanam, S., Snyder, K.J., Stehpany, R., Thierauf, S.C. A 160-MHz, 32-b, 0.5-W CMOS RISC microprocessor 1446
Montandon, I. The design of MPEG encoder and decoder hardware 46435
Montandon, S., Zagozdzon-Wosik, W., Li, J., Taferner, W.T., Bensaoula, B. Surface effects during proximity rapid thermal diffusion of phosphorus in silicon 42378
Montano, J.C., Gutierrez, J., Castilla, M., Lopez, A. Power factor optimization with switched-LC networks 8802
Montano, P.A. *see* Yoo, S.S. 7836
Montano Asquerino, J.C. *see* Salmeron Revuelta, P. 8800
Montanvert, A. *see* Attali, D. 57483
Montanvert, A. *see* Bertolino, P. 56770
Montanvert, A. *see* Miguet, S. *(editor)* 29992
Montaruli, E. *see* Dell'Aquila, A. 51172
Montchenault, G.Hamel de *see* Hamel de Montchenault, G.
Monte, F.de *see* de Monte, F.
Monte, F.del *see* del Monte, F.
Montebugnoli, S. *see* D'Amico, N. 36303
Montecchi, M. *see* Baccaro, S. 37459
Montefusco, A. *see* Ciarlini, P. 52306
Montefusco, L.B. Semi-orthogonal wavelet packet bases for parallel least-squares approximation 523
Monteil, C., Amouroux, M. Analysis of the thermal part of the soil of a greenhouse with dynamic simulation 61341
Monteil, Y. *see* Thevenot, V. 40353
Monteiro, F. *see* Dandache, A. 11317
Monteiro, J., Devadas, S. Techniques for the power estimation of sequential logic circuits under user-specified input sequences and programs 21436
Monteiro, J., Devadas, S. Techniques for power estimation and optimization at the logic level: a survey 21645
Monteiro, J., Devadas, S., Ghosh, A. Retiming sequential circuits for low power 41055
Monteiro, J., Devadas, S., Ghosh, A., Keutzer, K., White, J. Estimation of average switching activity in combinational logic circuits using symbolic simulation 41060
Monteiro, P., Casaca, A., Nunes, S. Service multiplexing in an ATM environment 47471
Monteiro, R.D.C., Tsuchiya, T. Limiting behaviour of the derivatives of certain trajectories associated with a monotone horizontal linear complementarity problem 10238
Monteiro, T. *see* Cremades, A. 31823
Montelius, A. *see* Jung, B. 28424
Montelius, L., Junno, T., Carlsson, S.-B., Samuelson, L. AFM-based fabrication of lateral single-electron tunneling structures for elevated temperature operation 42199
Montelius, L. *see* Anand, S. 54246
Montelius, L. *see* Malmqvist, L. 42881
Montelius, L. *see* Maximov, I. 42534
Montemezzani, G., Gunter, P. Inorganic and organic photorefractive materials 32980
Montemezzani, G., Gunter, P. Profile of photorefractive one-dimensional bright spatial solitons 55854
Montenegro, E. *see* Diong, B. 51126
Montenero, A., Gnappi, G., Valla, M., Bertolotti, M., Michelotti, F., Sibilia, C. Corona-poled azo-dye doped silica films obtained by sol-gel processing 831
Montenero, A. *see* Gusmano, G. 58722
Monter-Hernandez, O. *see* Baez-Lopez, D. 20491
Montera, D.A., Welsh, B.M., Roggemann, M.C., Ruck, D.W. Use of artificial neural networks for Hartmann-sensor lenslet centroid estimation 4985
Montero, A. *see* Adam, A. 37280
Montero, A. *see* Marti, J. 36093
Montero, I. *see* Najmi, O. 54898
Montero, J., Tejada, J., Cutello, C. A general model for deriving preference structures from data 52437
Montero de Espinosa, F. *see* Gomez, T.E. 32654
Montero de Espinosa, F.R. *see* Sanchez, S. 54912
Montero Hernandez, O., Bautista Cadena, S.A. Design of a flux and torque estimator for a three-phase induction motor 9228
Montero-Hernandez, O., Jimenez-Zamudio, J., Gallegos-Lopez, G. Design and evaluation of control circuits for DC/AC converters using PSPICE 52939
Montero-Hernandez, O. *see* Ballesteros, J.L. 40827
Monterulo, L. *see* Grosso, F. 53836
Montes, A.Blanco *see* Blanco Montes, A.
Montes, J.I.Alonso *see* Alonso Montes, J.I.
Montes, M. *see* Gomez, J.M. 53336
Montes, R., Castanien, K., Liang, C., Bergh, M.V.D. Determination of the voltage dependent dielectric properties of piezoelectric materials with a high-voltage/high-power electromechanical impedance analyzer 7494
Montes-Usategui, M., Monroe, S.E., Jr., Juday, R.D. Correlator self-calibration method 7135
Montesano, J.J., Osburn, G.D. Static starting system replacement at Mt. Elbert pumped storage powerplant 38640
Montesano, M.Grazia *see* Grazia Montesano, M.
Montesi, M.C. *see* Croce, N. 58731
Montesinos, P., Alquier, L. Perceptual organization of thin networks with active contour functions applied to medical and aerial images 5134
Montesinos, P. *see* Alquier, L. 15789
Montesinos, P. *see* Alquier, L. 56607
Montesinos, P. *see* Armande, N. 8015
Montesperelli, G. *see* Morten, B. 36460
Montezuma, P. *see* Dinis, R. 6514
Montgomery, D.C. *see* Lawson, C. 52331
Montgomery, H. *see* Goh, W.L. 54743
Montgomery, J.B., Sanderson, R.B., Baxley, F.O. Two color missile signature measurements 8685
Montgomery, P. *see* Conway, A. 18748
Montgomery, P.L. *see* Cowie, J. 14799
Montgomery, R.K. *see* Malik, R.J. 1736
Montgomery, T.A., Marko, K.A. Quantitative FMEA automation 52350

Montgomery, W.L., Ross, B.A., Penswick, L.B. Third generation development of an 11-watt Stirling converter 20088
Month, M. *see* Kurokawa, S.-I. *(editor)* 29946
Monti, A. Circuits as concurrent systems: through a new approach to the simulation 1070
Monti, A., Morando, A.P., Resta, L., Riva, M. Comparing two level GTO-inverter feeding a double star asynchronous motor with a three level GTO-inverter feeding a single star asynchronous motor 51799
Monti, A., Riva, M., Superti Furga, G. An approach to the analysis of power flow with time-variant components: the switching power 38888
Monti, A. *see* Brambilla, E. 9336
Monti, A. *see* Castelli Dezza, F. 29728
Monti, A. *see* Matuonto, M. 61141
Monti, C. *see* Lucchese, L. 5175
Monti, C.T., Chung, K. Stress-free thermoplastic adhesives for high reliability microelectronics applications 315
Monti, C.T., Chung, K. Stress-free thermoplastic adhesives for high reliability microelectronics applications 321
Monti Guarnieri, A. *see* Cazzaniga, G. 8332
Monticelli, A. *see* Gallego, R.A. 50471
Monticone, E. *see* Picotto, G.B. 58726
Monticone, L.C. *see* Box, F. 48211
Montie, E.A., Cosman, E.C., Lambert, N., Trompenaars, P.H.F. Triodes for Zeus displays 58935
Montie, E.A. *see* Lambert, N. 58936
Montie, E.A. *see* Lambert, N. 58939
Montie, E.A. *see* van Gorkom, G.G.P. 41802
Montiel, C.M., Lu Fan, Kai Chang A novel active antenna with self-mixing and wideband varactor-tuning capabilities for communication and vehicle identification applications 24577
Montiel, F. *see* Neviere, M. 34102
Montiel, M.E. *see* Aguado, A.S. 5412
Montiel-Nelson, J.A. *see* Eshraghian, K. 53316
Montiel-Nelson, J.A. *see* Nooshabadi, S. 53428
Montilla, G. *see* Bosnjak, A. 49529
Montilla, G. *see* Linares, P. 49439
Montisci, A. *see* Contu, S. 1046
Montmeat, A. *see* Tran-Quoc, T. 9293
Montmorillon, L.-A.de *see* de Montmorillon, L.-A.
Montmorillon, L.A.de *see* de Montmorillon, L.A.
Montois, J.-J. *see* Skhiri, F. 59002
Montojo, M.T. *see* Vergara, G. 41749
Monton, V., Ward, K., Wilby, V., Masson, R. Risk assessment methodology for network integrity 35550
Montonen, J. *see* Reinhardt, L. 49705
Montorsi, G. *see* Benedetto, S. 4467
Montorsi, G. *see* Benedetto, S. 4474
Montorsi, G. *see* Benedetto, S. 24682
Montoya, C. *see* Wakui, S. 60641
Montoya, J.A. *see* Steinman, A. 24343
Montoya, T.P., Smith, G.S. Resistively-loaded Vee antennas for short-pulse ground penetrating radar 34348
Montoya-Tena, G. *see* Fierro-Chavez, J.L. 8924
Montpetit, M.-J., Hung, A. Design issues for a satellite ATM network 58239
Montress, G.K. *see* Andres, D. 13403
Montret, M. *see* Sanzelle, S. 8187
Montrimas, E., Rinkunas, R. Initial stage of selenium layer formation 916
Montrose, B.E. *see* Kang, M.H. 26107
Montrose, M.I. Analysis on the effectiveness of image planes within a printed circuit board 41587
Montrose, M.I. Analysis on the effectiveness of clock trace termination methods and trace lengths on a printed circuit board 41592
Montrosset, I. *see* Balsamo, S. 24023
Montrosset, I. *see* Balsamo, S. 44490
Montrosset, I. *see* Dagens, B. 55645
Montrosset, I. *see* Paoletti, R. 3830
Montrosset, I. *see* Perrone, G. 3837
Montroy, J.T. *see* Boisvert, J.C. 59216
Montrozier, S. *see* Schaeffer, E. 46384
Montseny, G. *see* Solhusvik, J. 34862
Montserrat, J. *see* Garrido, B. 32077
Montserrat, J. *see* Garrido, B. 42430
Montserrat, J. *see* Morvan, E. 42417
Monzon, C. New reciprocity theorems for chiral, nonactive, and bi-isotropic media 14580
Monzon, D. *see* De La Rosa, E. 58810
Monzon, D. *see* Starodumov, A.N. 27589
Monzon, J.C. *see* Lakhtakia, A. 44848
Monzon, J.C. *see* Weiglhofer, W.S. 45114
Moo, C.S., Chuang, Y.C., Huang, Y.H., Chen, H.N. Modeling of fluorescent lamps for dimmable electronic ballasts 39389
Moo, C.S., Lee, C.R., Chua, Yu.T. High-power-factor electronic ballast with self-excited series resonant inverter 39376
Moo, C.S., Lee, C.R., Chuang, Y.C. A protection circuit for electronic ballasts with self-excited series-load resonant inverter 51826
Moo Kim Kwang *see* Kwang Moo Kim
Moo Kwon Hyuck *see* Hyuck Moo Kwon
Moo Young Kim, Nam Kyu Ha, Sang Ryong Kim Linked split-vector quantizer of LPC parameters 15100
Moo Young Kim *see* Byung Hwan Jun 57174
Moo-Sung Kim *see* Cheol Koo Hahn 12423
Moo-Sung Kim *see* Seong-Il Kim 10756
Moo-Sup Lim, Cheol-Min Park, Min-Koo Han, Yearn-Ik Choi A novel in-situ vacuum encapsulated lateral field emitter triode 53969
Moo-Sup Lim *see* Cheol-Min Park 41783
Moo-Sup Lim *see* Seong-Dong Kim 2710
Moo-Young Chun *see* Byung-Gon Park 7404
Moodie, D.G. *see* Gunning, P. 26897
Moodie, D.G. *see* Guy, M.J. 14103
Moodie, D.G. *see* Guy, M.J. 26758
Moodie, D.G. *see* Lucek, J.K. 26777
Moodie, D.G. *see* Wake, D. 47518
Moodie, D.G. *see* Westbrook, L.D. 58295
Moodie, M.L. *see* Gibson, J.D. 14878
Moody, A. *see* Yuchang Cao 56369
Moody, E. *see* Radford, W. 17492
Moody, G.B., Mark, R.G. A database to support development and evaluation of intelligent intensive care monitoring 49755
Moody, G.B. *see* Garcia, J. 37813
Moody, G.B. *see* Jager, F. 49624
Moody, G.B. *see* Jager, F. 49688
Moody, G.B. *see* Laguna, P. 49686
Moody, G.B. *see* Laguna, P. 59646
Moody, J.H. Insights into plant economics and risk based regulations 38564
Moody, M. *see* Cole, D. 45700
Moody, M. *see* Yuchang Cao 45645
Moody, M.K. Technical report literature on the World Wide Web 26158
Moody, M.V. *see* Shirron, P.J. 49988
Moody, M.Vol *see* Vol Moody, M.
Moody, R.A. *see* Cui, Z. 42829
Moody, S.M. *see* Fanggao, C. 43561
Mooers, C.N.K., Jia Wang Second-generation Straits of Florida nowcast/forecast system (SFNFS) 50096
Mooers, C.N.K., Jia Wang Development of the Prince William Sound nowcast-forecast system 50097
Mooho Cho *see* Kwangsik Kim 47731
Mooij, J.E. *see* Hadley, P. 54725
Mook Kim Jae *see* Jae Mook Kim
Mook-Seng Leong *see* Le-Wei Li 45322
Moolenaar, D. *see* Nachtergaele, L. 35065
Moon, A. *see* Roy, P.K. 1910
Moon, B.-S. *see* Lee, K.-C. 1396
Moon, B.M. *see* Yoon, Y.W. 41096
Moon, C.R., Byung-Doo Choe, Kwon, S.D., Lim, H. Difference of interface trap passivation in Schottky contacts formed on $(NH_4)_2S_x$-treated GaAs and $In_{0.5}Ga_{0.5}P$ 32069
Moon, D.W. *see* Kim, S.-H. 41873
Moon, D.W. *see* Kurokawa, A. 22578
Moon, E.E., Everett, P.N., Rhee, E.K., Smith, H.I. Simultaneous measurement of gap and superposition in a precision aligner for X-ray nanolithography 22720
Moon, H.J. *see* Park, S.H. 25382
Moon, H.S., Kim, H.A., Kim, J.B., Lee, H.S., Yang, S.H. A high-contrast absorption spectrometer with a grating for frequency stabilization and linewidth reduction of a diode laser 3931
Moon, H.S. *see* Lee, H.S. 27213
Moon, I.D. *see* Lotfi, V. 52509
Moon, J.A., Busse, L.E., Aggarwal, I.D. Angular speckle correlations and speckle removal in multimode fiber laser delivery 14018
Moon, J.A. *see* Balachandran, R.M. 55514
Moon, J.A. *see* Busse, L.E. 7373
Moon, J.I., Paik, J.K. Fast iterative image restoration algorithm 35040
Moon, J.R., Stevens, C.F. An approximate linearisation approach to bearings-only tracking 27107
Moon, J.S. *see* Yoon, Y.W. 41096
Moon, K.-W. *see* Warren, J.A. 1806
Moon, K.S. *see* Kanizar, W.L. 20277
Moon, K.W., Boettinger, W.J., Williams, M.E., Josell, D., Murray, B.T., Carter, W.C., Handwerker, C.A. Dynamic aspects of wetting balance tests 10999
Moon, N., Coffin, C.T., Steinke, D.C., Sands, R.H., Dunham, W.R. A high-sensitivity Moessbauer spectrometer facilitates the study of iron proteins at natural abundance 49363
Moon, P.R. CompactPCI analysis and simulation 47011
Moon, R.L. MOVPE: is there any other technology for optoelectronics? 40316
Moon, R.L. *see* McElvain, J. 3630
Moon, S.H. *see* Lee, S.Y. 32964
Moon, S.W. *see* Claude, S.M.X. 53623
Moon, S.W. *see* Turcu, I.C.E. 42883
Moon, S.Y. *see* Kang, H.Y. 2495
Moon, S.Y. *see* Kim, H.O. 40173
Moon, T.H. *see* Yoon, S.H. 45592
Moon, T.K. The expectation-maximization algorithm 4715
Moon, U.K.Seung-L *see* Seung-L Moon, U.K.
Moon Bongki *see* Bongki Moon
Moon Byung-Moo *see* Byung-Moo Moon
Moon Byung-Sik *see* Byung-Sik Moon
Moon Dae-Gyu *see* Dae-Gyu Moon
Moon Ghil Byung *see* Byung Moon Ghil
Moon Gi Kang, Johnson, T.C. X-ray analysis of lake sedimentary patterns using nonlinear regularization filter 60076
Moon Gi Kang, Katsaggelos, A.K. Simultaneous multichannel image restoration and estimation of the regularization parameters 57190
Moon Gi Kang *see* Jeong Ho Shin 57217
Moon Gi Kang *see* Joon Il Moon 57065
Moon Gun-Woo *see* Gun-Woo Moon
Moon Han Park *see* Han Sin Lee 2361
Moon Han Park *see* Tai-Su Park 42593
Moon Hee-Sung *see* Hee-Sung Moon
Moon Hojin *see* Hojin Moon
Moon Hyun Yul *see* Hyun Yul Moon
Moon Jaekyun *see* Jaekyun Moon
Moon Jeong Min *see* Jeong Min Moon
Moon Jong Hyun *see* Jong Hyun Moon
Moon Joo-Hee *see* Joo-Hee Moon
Moon Joon Il *see* Joon Il Moon
Moon Jung Kim, Dae Keun Kim, Sung June Kim, Das, M.B. Determination of bit-rate and sensitivity limits of an optimized p-i-n/HBT OEIC receiver using SPICE simulations 44315
Moon Jung-Ho *see* Jung-Ho Moon
Moon Key Lee *see* Kyoung Hwan Kwon 53273
Moon Ki-Seok *see* Ki-Seok Moon
Moon Kim Hyoung *see* Hyoung Moon Kim
Moon Park Young *see* Young Moon Park
Moon Roh Tae *see* Tae Moon Roh
Moon Sang Yong *see* Sang Yong Moon
Moon Seokyong *see* Seokyong Moon
Moon Seong-In *see* Seong-In Moon
Moon Seung-Il *see* Seung-Il Moon
Moon Seung-Ill *see* Seung-Ill Moon
Moon Shin Sung *see* Sung Moon Shin
Moon Songchun *see* Songchun Moon
Moon Suck-Joong *see* Suck-Joong Moon
Moon Sung In *see* Sung In Moon
Moon Sung-Jin *see* Sung-Jin Moon
Moon Sung-Wook *see* Sung-Wook Moon
Moon Un Kim Seung-L *see* Un Kim Seung-L Moon
Moon Un-Chul *see* Un-Chul Moon
Moon Un-Ku *see* Un-Ku Moon
Moon Won-Kyu *see* Won-Kyu Moon
Moon Yong Lee *see* Han Sin Lee 2361
Moon Yong Lee *see* Soon Oh Park 1350
Moon Yong Lee *see* Tai-Su Park 42593
Moon Yongsam *see* Yongsam Moon
Moon Young Shik *see* Young Shik Moon
Moon Young-Hyun *see* Young-Hyun Moon
Moon Young-Kwan *see* Young-Kwan Moon
Moon Young-Shik *see* Young-Shik Moon
Moon Youngchan *see* Youngchan Moon
Moon-Deock Kim, Bong-Jin Kim, Min-Hyon Jeon, Jeong-Keun Ji, Hac-Sung Park, Sang-Dong Lee, Eun-Soon Oh, Jin-Suck Kim, Tae-Il Kim Growth and characterization of ZnSe-based green laser diodes 24017
Moon-Hae Son *see* Jei-Hwan Yoo 1335
Moon-Ho Jo, Jung-Kyun Hong, Hyung-Ho Park, Joong-Jung Kim, Sang-Hun Hyun Evaluation of SiO_2 aerogel thin film with ultra low dielectric constant as an intermetal dielectric 43425
Moon-Ho Kang *see* Nam-Jeong Kim 9602
Moon-Ho Kye, Kee-Yeon Joe, Eun-Soo Kim, Seog-Won Juong, Wook-Kyum Kim, Sung-Chul Kim, Jum-moon Park, Soon-Kurl Kwon A 10 kW 100 kHz ZVSWAC type DC-DC converter with free-voltage AC input for telecommunication system 51324
Moon-Ho Park, Hao, P.H., Wang, L.C. Anomalous lateral Zn surface diffusion in InP caused by Zn-contained metallization 54255
Moon-Ho Park, Wang, L.C., Cheng, J.Y., Palmstrom, C.J. Low resistance ohmic contact scheme ($\sim\mu\Omega$ cm^2) to p-InP 22426
Moon-Ho Park, Wang, L.C., Dufner, D.C., Fei Deng, Lau, S.S., Tan, I.H., Kish, F. The Si/Pd ohmic contact to n-GaP based on the solid phase regrowth principle 42252
Moon-Hyun Chun *see* Seok-Jung Han 50715
Moon-Kyun Oh, Dae-Young Kim, Sung-Woong Ra, Chi-Moon Han, Han-Kyung Kim A study on point-to-multipoint connection control in ATM switching system 57577
Moon-Noh Lee, Jung-Ho Moon, Myung Jin Chung Robust H_∞ control with regional stability constraints for the track-following systems of optical disk drives 48247
Moon-Pyung Park *see* Jun-O Jeong 2587
Moon-Ryul Jung *see* Yeong-Geon Seo 8018
Moon-Soo Park *see* Tae-Whan Yoo 31478
Moon-Suhk Suh *see* Keunjoo Kim 2402
Moon-Yong Lee *see* Myoung-Bum Lee 41540
Moon-Yong Lee *see* Sung-Tae Kim 30927
Moonen, M., Deprettere, E. A fully pipelined RLS-based array for channel equalization 15327
Moonen, M. *see* Vanpoucke, F. 15194
Moonen, M. *see* Vanpoucke, F.J. 30615
Mooney, J.B. *see* Henville, C.F. 19385
Mooney, J.M. *see* Parshall, E.R. 38170
Mooney, J.M. *see* Silverman, J. 7401
Mooney, K. *see* Patel, D.N. 30164
Mooney, M.J., Naga, S.S.D., Speller, R.D., Koliglatis, T. Monitoring and correction of multiple scatter during clinical Compton scatter densitometry measurements 8003
Mooney, P.M. Strain relaxation and dislocations in SiGe/Si structures 22325
Moongilan, D. Skin-effect modeling of radiated emissions from backplanes 45190
MoonJae Jeong, Takagi, S., Czarnul, Z., Fujii, N. Design of a novel linear 3-input CMOS OTA and its application to filter realization 53049
Moonon, C.T.W. *see* Yihong Yang 7992
Moons, E., De Langhe, M., Kiss, L., Op de Beeck, E., Sevenhans, J. An analog telephone subscriber

chipset integrating 16 lines with fully programmable central office impedance 26391
Moons, R. *see* Deweerd, W. 31751
Moons, T. *see* Carlsson, S. 25541
Moonsik Bae *see* Jaeyong Sim 9963
Moor, B.De *see* De Moor, B.
Moor, M.De *see* De Moor, M.
Moor, M.W.De *see* De Moor, M.W.
Moor, W.C. *see* Boren, R.W. 35669
Moorching, S.N. *see* Poovamma, P.K. 38788
Moorcroft, D.R. *see* Jackel, B.J. 45145
Moore, A.J., Lucas, M., Tyrer, J.R. An electronic speckle pattern interferometer for two-dimensional strain measurement 24281
Moore, A.J. *see* Fernandez, A. 55943
Moore, A.J. *see* Nordt, K.M. 38551
Moore, A.J. *see* Rodriguez-Vera, R. 35237
Moore, B., III *see* Braswell, B.H. 18951
Moore, B.D., Bordogna, L. Noise in feeders: new ideas 40864
Moore, B.J. Implementation issues impacting system designer utilization of wireless technologies 6169
Moore, C.B. *see* Katz, C.A. 58518
Moore, D. BGA rework technology 41630
Moore, D.F., Daniel, J.H., Burgess, S.C., Nakayama, A., Shibaike, N., Kiriyama, T. Silicon-on-insulator material for sensors and accelerometers 23096
Moore, D.F. *see* Burgess, S.C. 43402
Moore, D.F. *see* Daniel, J.H. 43401
Moore, D.F. *see* Herrmann, K. 43819
Moore, D.F. *see* Pauza, A.J. 43829
Moore, D.M. *see* Ruberg, L.F. 20565
Moore, D.S., White, S.W., Karl, R.R., Jr., Newnam, B.E. Directional wind-measurement derived from elastic backscatter lidar data in real-time 8464
Moore, E. *see* Antos, J. 37373
Moore, E.L. *see* Huguenin, G.R. 21913
Moore, F.W., Garcia, O.N., Cavallaro, J.J., Toms, M.L. APES: the approach plate expert system 8247
Moore, G. Computation and parametrisation of invariant curves and tori 21143
Moore, G. Generating success [electric utility management] 50397
Moore, G. *see* Lixin Liu 40207
Moore, G.E. The microprocessor: engine of the technology revolution 39568
Moore, G.T., Koch, K. The tandem optical parametric oscillator 14264
Moore, J. *see* Eberle, T. 31165
Moore, J. *see* Koeppen, M. 41238
Moore, J.B. *see* Collings, I.B. 15266
Moore, J.B. *see* Collings, I.B. 25024
Moore, J.B. *see* Huper, K. 40090
Moore, J.E. Marketing a service business 20753
Moore, J.J. *see* Lindahl, K.A. 39107
Moore, J.K. *see* Shannon, R.V. 49795
Moore, J.R. *see* Haselgrove, J.C. 28173
Moore, J.R. *see* Pillsbury, P.W. 50786
Moore, J.R. *see* Travis, A.R.L. 36824
Moore, J.T. *see* Andersen, L.S. 33946
Moore, J.T. *see* Keydel, E.R. 8690
Moore, K.E., Weitzel, C.E., Nordquist, K.J., Pond, L.L., III, Palmour, J.W., Allen, S., Carter, C.H., Jr. 4H-SiC MESFET with 65.7% power added efficiency at 850 MHz 21929
Moore, K.E. *see* Turner, M.G. 44159
Moore, K.L. *see* Tsybeskov, L. 13865
Moore, K.L. *see* Tsybeskov, L. 44289
Moore, M.R. *see* Crutcher, R.I. 58214
Moore, N.E. *see* Anderson, C.W. 20687
Moore, P., Ashmole, P. Flexible AC transmission systems. II. Methods of transmission line compensation 28862
Moore, P.J., Allmeling, J.H., Johns, A.T. Frequency relaying based on instantaneous frequency measurement [power systems] 8980
Moore, P.J. *see* Bo, Z.Q. 8898
Moore, P.J. *see* Bo, Z.Q. 19430
Moore, R. *see* Adam, A. 37280
Moore, R. *see* Myers, H. 26991
Moore, R.C., Rodriguez, D.E. A single-board digital processing system design approach for the NEAR laser rangefinder instrument 49894
Moore, R.C. *see* Hector, J.R. 44385
Moore, R.C. *see* Le, B.Q. 49896
Moore, R.C. *see* Schweizer, T. 44379
Moore, R.S. *see* Adams, D.M. 36140
Moore, S.B. *see* Healey, D.M., Jr. 15904
Moore, T. Tighter security for electronic information 50405
Moore, T. Maglev in a high-speed transport future 61266
Moore, T. *see* Abe, K. 59233
Moore, T.R. *see* Fischer, G.L. 3540
Moore, W., Luk, W. *(editors)* Field-Programmable Logic and Applications. 5th International Workshop, FPL '95. Proceedings 24
Moore, W.H., II *see* Shaikh, M.A. 52133
Moore, W.J., Henry, R.L., Nordquist, P.E.R. Properties of gallium arsenide purified by zone refining and zone levelling 37315
Moore, W.J. *see* Henry, R.L. 30689
Moorehead, E. *see* Longanbach, J. 38617
Moorhead, G. *see* DeWitt, J. 59243
Moorhead, G.F. *see* Beringer, J. 37394
Moorhead, G.F. *see* Sellin, P.J. 18095
Moorleghem, W.Van *see* Van Moorleghem, W.
Moors, W.G.J. *see* Frijlink, P.M. 43133
Moorthy, H.T., Lin, S., Uehara, G.T. Good trellises for IC implementation of Viterbi decoders for linear block codes 24671
Moorthy, H.T., Shu Lin, Kasami, T. Soft-decision decoding of binary linear block codes based on an iterative search algorithm 56332
Moorthy, R.I.K., Rama Rao, A., Sinha, J.K., Kakodkar, A. Use of an unconventional technique for seismic qualification of equipments 9009
Moorthy, V. *see* Raj, B. 52902
Moorthy, V. *see* Shakshin, N.I. 40724
Moorti, T., Paulraj, A. Performance of switched beam systems in cellular base stations 6664
Moos, H.W. *see* Stutman, D. 36666
Moosbrugger, P.J., Lo, Z., Carpenter, L.A., Barton, R.R. Experimental design of a two-layer electromagnetically coupled rectangular patch with a global response surface modeling technique 56175
Moosburger, R., Fischbeck, G., Kostrzewa, C., Schuppert, B., Petermann, K. A novel polymer digital optical switch with high temperature stability 26454
Moosburger, R., Schuppert, B., Fischer, U., Petermann, K. Passive alignment technique for all-silicon integrated optics 44054
Moosburger, R. *see* Fischbeck, G. 44010
Moosburger, R. *see* Kostrzewa, C. 55257
Mooser, J. Pulse frequency changer drives. I. Interference–electromagnetic compatibility (EMC) 61189
Mor, O., Arie, A. Performance analysis of Drever-Hall laser frequency stabilization using a proportional+integral servo 44617
Mor, T. *see* Bennett, C.H. 14769
Mor, T. *see* Biham, E. 45609
Mor, T. *see* Bihan, E. 14791
Mor-Avi, V., Vignon, P., Koch, R., Bednarz, J., Weinert, L., Sandelski, J., Korcarz, C., Garcia, M.J., Spencer, K.T., Lang, R.M. Segmental analysis of Color Kinesis: new echocardiographic technique for objective assessment of regional LV endocardial motion 37732
Mor-Avi, V. *see* Remin Lin 49528
Mora, F. *see* Bravo, R. 59650
Mora, F. *see* Esteller, R. 59589
Mora, F. *see* Hernandez, A.I. 49610
Mora, F. *see* Ng, F. 49622
Mora, F. *see* Wong, S. 59658
Mora, F.P., Hussein, K. Change negotiation meetings in a distributed collaborative engineering environment 16374
Mora, M.Dalla *see* Dalla Mora, M.
Mora, P. *see* Amiranoff, F. 17898
Mora, P. *see* Milchberg, H.M. 17913
Morabito, M. *see* Endo, H. 59470
Moraes, F., Reis, R., Torres, L., Robert, M., Auvergne, D. Pre-layout performance prediction for automatic macro-cell synthesis 13070
Moraes, R.M.de *see* de Moraes, R.M.
Morain, F. Introduction to complex multiplication 30506
Morais, E.De *see* De Morais, E.
Morais de Assis Silva, F. *see* Krause, S. 57715
Moral, A.Del *see* Del Moral, A.
Moral, J.B.Gomez del *see* Gomez del Moral, J.B.
Moralejo, A. *see* Krawczynski, H. 37287
Morales, A., Sung-Jea Ko, Kyung-Hoo Lee Gray scale basis function decomposition of morphological filters in n-dimensions 35344
Morales, A. *see* Kyung-Hoon Lee 57063
Morales, A. *see* Kyung-Hoon Lee 57189
Morales, G. *see* Clevenger, L.A. 31793
Morales, G. *see* Korakakis, D. 21265
Morales, J., Suarez, A., Sarkissian, J.C., Quere, R. Global stability analysis of a broadband MMIC frequency divider in millimetric band 53692
Morales, J. *see* Cochez, M.A. 29538
Morales, J. *see* Rodriguez, M. 40708
Morales, M.A., Ferdeghini, E.M., Piacenti, M., Pelosi, G., Cerrai, T., Maggiore, Q., Distante, A. Videorecording or direct computer acquisition for videodensitometric analysis of 2-D echo images: what agreement? 49530
Morales, P. *see* Di Fabrizio, E. 1845
Morales, P. *see* Di Fabrizio, E. 31639
Morales, S. *see* Gluck, P.R. 18667
Morales De Franceschi, A.S., Kormann, L.F., Westphall, C.B. Performance evaluation for proactive network management 6114
Morales Jimenez, F. *see* Aguilar Pena, J.D. 1125
Morales O., N. *see* Asenjo S., E. 54954
Morales-Acevedo, A., Santana, G. Surface recombination velocity in silicon substrates determined from light beam induced current measurements 39002
Morales-Acevedo, A. *see* de Melo, O. 2005
Morales-Acevedo, A. *see* Ortega-Lopez, M. 12293
Morales-Acevedo, A. *see* Ortega-Lopez, M. 39121
Moran, A.K. *see* LaBel, K.A. 21696
Moran, A.K. *see* LaBel, K.A. 43327
Moran, B. *see* Keer, L.M. 30331
Moran, B.A. *see* Kim, J.H. 50107
Moran, B.A. *see* Singh, H. 48157
Moran, D. *see* Withrow, K. 8991
Moran, E. *see* Arroyo y de Dompablo, M.E. 51459
Moran, J.L., III *see* Forney, G.D., Jr. 26405
Moran, J.P. Thermally conductive adhesives for better heat dissipation 39832
Moran, K. The voice of relay speaks up 16253
Moran, L. *see* Tepper, J.S. 19054
Moran, M.S. *see* Qi, J. 8299
Moran, S. *see* Dolev, S. 46712
Moran, S. *see* Eilam, T. 25978
Moran, S. *see* Fischer, M.J. 16114
Moran, T.J., Dahlberg, E.D. Magnetoresistive sensor for weak magnetic fields 48847
Moran, W. *see* Balart, R. 415
Moran, W. *see* Bolton, A.G. 15852
Morancho, F. *see* Beydoun, B. 43034
Morand, Y. *see* Ulmer, L. 40649
Morandi, C. *see* Boni, A. 1146
Morandi, C. *see* Boni, A. 21764
Morandi, C. *see* Chiorboli, G. 1530
Morandi, C. *see* Chiorboli, G. 27438
Morandi Cecchi, M., Pirozzi, E., Zavarise, G. Numerical evaluation of special integrals with application to contact problems 52554
Morandin, M. *see* Arisaka, K. 37239
Morandin, M. *see* Arisaka, K. 37460
Morando, A.P. *see* Monti, A. 51799
Morando, M.P. *see* Mochizuki, M. 52279
Morandotti, R. *see* Rossi, P. 18092
Morante, J.R. *see* Benitez, M.A. 13174
Morante, J.R. *see* Benrakkad, M.S. 12201
Morante, J.R. *see* Ferrer, J.C. 728
Morante, J.R. *see* Ferrer, J.C. 10752
Morante, J.R. *see* Ferrer, J.C. 12317
Morante, J.R. *see* Garrido, B. 32077
Morante, J.R. *see* Garrido, B. 42430
Morante, J.R. *see* Gorostiza, P. 52740
Morante, J.R. *see* Lange, P. 10693
Morante, J.R. *see* Pedroviejo, J.J. 12623
Morante, J.R. *see* Perez-Rodriguez, A. 2081
Morante, J.R. *see* Perez-Rodriguez, A. 31936
Morante, J.R. *see* Perez-Rodriguez, A. 32120
Morante, J.R. *see* Serre, C. 12688
Morante, M.A. *see* Lopez-Higuera, J.M. 50813
Morar, R. *see* Iuga, A. 39450
Morari, B. *see* Kothare, M.V. 50725
Morari, M. *see* Tyler, M.L. 52371
Morash, R.T. Written-pole™ motor rides through momentary power interruptions 29268
Morash, R.T. Application of Written-Pole™ Roesel Motor-Generators™ for radar installation power protection 29428
Morash, R.T. *see* Barber, R.J. 29222
Morash, R.T. *see* Roesel, J.F., Jr. 29221
Morasso, P. *see* Giuffrida, F. 27900
Morasso, P. *see* Giuffrida, F. 36897
Morato, S.P. *see* Baldochi, S.L. 10600
Morato, S.P. *see* Ranieri, I.M. 10604
Moratti, S.C. *see* Baigent, D.R. 13876
Moratti, S.C. *see* Friend, R.H. 23669
Moratti, S.C. *see* Friend, R.H. 44224
Moravcikova, L. *see* Hine, N. 6172
Morawska, Z. Solderability test methods. II. Solderability tests for printed boards 11846
Morawski, A. *see* Bieg, B. 13803
Morawski, R.Z. *see* Szczecinski, L. 36396
Moray, N., Jones, B.G., Sanderson, P.M., Reising, D.V., Shaheen, S., Rasmussen, J. The "bird's foot" integrated graphical interface for NPP operation 60484
Morche, D. *see* Andre, E. 53363
Morchenko, A.T. *see* Kostishyn, V.G. 23345
Morchin, W.C. Trip modeling for electric-powered bicycles 39299
Morciaux, Y. *see* Donaton, R.A. 40388
Morcos, M.M. *see* Chan, T.K. 38848
Morcos, M.M. *see* Mersman, C.R. 20167
Mordachev, V.I. *see* Loika, S.L. 34394
Mordatch, V.P. *see* Chekhet, E.H. 9378
Mordik, S. *see* Kalinichenko, A. 49307
Mordo, D. *see* Woo Sik Yoo 30926
Mordonini, M. *see* Adorni, G. 25765
Mordonini, M. *see* Adorni, G. 35097
Mordovets, N.A. *see* Ganichev, S.D. 12532
More, J.J. *see* Bouaricha, A. 30535
More, K.M. *see* Wand, M.D. 44109
Moreau, C., Charpentier, X. On-line partial discharge detection system for instrument transformers 9315
Moreau, D., Baptist, R., Peccoud, L. Fabrication processes of silicon microtips 31704
Moreau, E., Pesquet, J.-C. New criteria for blind inversion of multichannel mixtures 56516
Moreau, E. *see* Macchi, O. 45938
Moreau, J.V. *see* Heutte, L. 5368
Moreau, J.V. *see* Pereira, P. 5599
Moreau, L. *see* Zhanqing Li 18802
Moreau, M., Dunmore-Buyze, P.J., Holdsworth, D.W., Fenster, A. X-ray imaging technique for in vitro tissue composition measurements using saline/iodine displacement: experimental verification 37750
Moreau, O., Artana, G., Romat, H., Touchard, G. A contribution to modelling and experimental studies of flow electrification in transformers 29372
Moreau, O., Artana, G., Touchard, G. Static electrification in power transformers: experimental study and modelling of a pressboard submitted to an impinging oil jet 38789
Moreau, O., Cheron, B., Gilles, H., Hamel, J., Noel, E. Laser diode pumped ^{3}He magnetometer 48838
Moreau, Y. *see* Pelanchon, F. 51585
Moreau de Saint-Martin, F., Gautier, E., d'Ales de Corbet, J.-P. Signal-based design of wavelet filters 15908
Moreau de Saint-Martin, F. *see* Gosse, K. 15300

Moreau de Saint-Martin, F. *see* Philippe, P. 14843
Moreau de Saint-Martin, F. *see* Ropert, M. 15163
Morehead, A. *see* Chandra, S. 49527
Morehead, A. *see* Illindala, U. 37686
Morehead, F., Young, R., Chidambarrao, D., Murthy, C., Murley, P., Fischer, S. Modeling and calibration of TED [dopant diffusion] 41894
Morehouse, C.C. A vision of ultra-high density memory 3213
Moreira, A., Spielbauer, R. Combining a subaperture and chirp scaling approach for real-time SAR processing 16956
Moreira, A. *see* Benz, U. 16877
Moreira, A. *see* Mayer, T. 16866
Moreira, A. *see* Mittermayer, J. 16959
Moreira, A.J.C., Valadas, R.T., de Oliveira Duarte, A.M. Performance of infrared transmission systems under ambient light interference 16808
Moreira, J. E-SAR X-Band SAR interferometry: Design and first results 27019
Moreira, J.C. Indirect sensing for rotor flux position of permanent magnet AC motors operating over a wide speed range 29211
Moreira, J.R. *see* Coltelli, M. 28608
Moreira, L. *see* Krauter, S. 39179
Moreira, M.V.B., de Oliveira, A.G., Py, M.A. Photo-Hall studies of modulation-doped field-effect transistors with short-period superlattice channels rather than alloy channels 2709
Moreira, M.V.B. *see* Alves, A.R. 42205
Moreira, M.V.B. *see* Freire, S.L.S. 22376
Moreira, R.L. *see* Dias, A. 52847
Moreira-Tamayo, O., Pineda De Gyvez, J. Filtering and spectral processing of 1-D signals using cellular neural networks 4783
Moreira-Tamayo, O., Pineda de Gyvez, J. Analog computation of wavelet transform coefficients in real-time 21828
Morel, D.L. *see* Ferekides, C.S. 39055
Morel, D.L. *see* Oman, D.M. 39109
Morel, H. *see* Allard, B. 53033
Morel, H. *see* Fraisse, H. 55959
Morel, J. *see* Manteuffel, T. 622
Morel, J.-M. *see* Caselles, V. 56943
Morel, J.-Y., Mares, M., Bourcerie, M. Composition and analysis of generalised and coloured Petri nets 52463
Morel, J.E. *see* Kensek, R.P. 28556
Morel, M., Garnesson, P. Automated bridge extraction using ERS-1 SAR and SPOT data fusion 27034
Morel, Ph., Croisier, A., Decotignie, J.-D. Requirements for wireless extensions of a FIP fieldbus 16295
Morel, T. *see* Ulmer, L. 40649
Moreland, J. *see* Liou, S.H. 23355
Morell, A. *see* Malki, E. 2901
Morell, W. *see* Funke, F. 29010
Morelli, A. *see* Adam, W. 59267
Morelli, D.T. Potential applications of advanced thermoelectrics in the automobile industry 39361
Morelli, D.T. *see* Baoxing Chen 31925
Morelli, D.T. *see* Fleurial, J.-P. 31911
Morelli, D.T. *see* Panaev, I.A. 12279
Morelli, M. *see* Mengali, U. 25846
Morelli, M.V. *see* Knopp, J. 3485
Morelli, O. *see* Parpal, J.-L. 19343
Morelli, O. *see* Parpal, J.-L. 50588
Morello, A., Visintin, M. Transmission of TC-8PSK digital television signals over Eurovision satellite links. System evaluation and optimization 17027
Morello, A. *see* Cominetti, M. 7041
Morellon, L., Algarabel, P.A., Ibarra, M.R., Arnold, Z., Kamarad, J. Magnetoelastic and pressure effects at the antiferro-ferromagnetic transition in $Hf_{1-y}Ta_yFe_{2-y}$ alloys 3048
Morellon, L. *see* Arnold, Z. 3128
Morellon, L. *see* Pareti, L. 3131
Morency, J., Winkler, K. VLANs: Can Layer 3 save the day? 26427
Moreno, A. *see* Plaza, A. 41601
Moreno, D., Wooders, J. Coalition-proof equilibrium 10274
Moreno, D.J. *see* Schwank, J.R. 28553
Moreno, E. *see* Ares, F. 24604
Moreno, E. *see* Ares, F. 34373
Moreno, E. *see* Ares, F. 34398
Moreno, E. *see* Ares, F. 34416
Moreno, E. *see* Ares, F. 45427
Moreno, Fco.J.Mustieles *see* Mustieles Moreno, Fco.J.
Moreno, I. *see* Caulfield, H.J. 15838
Moreno, J.A. *see* Garrido, B. 32077
Moreno, J.B. *see* Andraka, C.E. 29653
Moreno, J.C. *see* Nilsen, J. 33358
Moreno, J.D. *see* Guerrero-Lemus, R. 819
Moreno, J.D. *see* Martinez-Duart, J.M. 1967
Moreno, J.F. Radiometric corrections of visible/infrared satellite data over terrestrial environments: angular, atmospheric and topographic effects 8328
Moreno, J.F., Saatchi, S.S. Surface information retrieval from optical/microwave data: potentials and limits of synergistic approaches 8550
Moreno, J.M. *see* Sancha, J.L. 50300
Moreno, L.M. *see* Wijnands, F. 56063
Moreno, M. *see* Jimenez, D. 7314
Moreno, O. *see* Golomb, S.W. 21074
Moreno, O. *see* Maric, S.V. 36195
Moreno, P.J., Raj, B., Stern, R.M. A vector Taylor series approach for environment-independent speech recognition 15098
Moreno, R., Hermida, R., Fernandez, M. Register estimation in unscheduled dataflow graphs 31054
Moreno, R.L. *see* Pimenta, T.C. 53384
Moreno-Diaz, R., Moreno-Diaz, R., Jr., Garces-Guevara, S. Newton transforms: new tools for CAST and image processing 388
Moreno-Diaz, R., Jr. *see* Moreno-Diaz, R. 388
Morera, J.L., Rubio, G., Jodar, L. Higher order implicit multistep methods for matrix differential equations 30641
Moreschini, G. *see* Bernabei, P. 8808
Moreschini, G. *see* Bonelli, P. 38207
Moreschini, G. *see* Carbone, F. 8807
Moresco, L.L., Love, D.G., Chou, B., Holalkere, V. Wire interconnect technology: a new flip chip to substrate connection method 30271
Moretti, A. *see* Kroc, T. 37155
Moretti, C. *see* Klevenhagen, S.C. 18583
Moretti, J.-L. *see* Berrim, S. 59548
Moretti, P. *see* Bindner, P. 33055
Moretti, P. *see* Mignotte, C. 33085
Morettin, P.A. From Fourier to wavelet analysis of time series 4779
Morettini, P. *see* Adam, W. 59267
Morey, M.E. Mass storage for delivery of maps and documents to the field 58205
Morey, W.W., Ball, G.A., Singh, H. Applications of fiber grating sensors 36612
Morey, W.W. *see* Hewlett, S.J. 3368
Morf, M. *see* Powell, J.S. 55359
Morfouli, P., Mathieu, N., Ionescu, A.M. Fabrication, simulation and characterization of MOS devices 9903
Morfouli, P. *see* Mathieu, N. 9909
Morgado, A. *see* Gomez, D. 9888
Morgado, A.M.L.S., Simoes, J.B., Landeck, J., Correia, M.F., Almeida, P., Malaquias, J.L., Correia, C.M. A pulse processing station 53083
Morgado Estevez, A. *see* Quiros Olozabal, A. 1034
Morgal, A.V. *see* Aivazov, A.A. 39238
Morgan, A. *see* Chaplin, C.P. 8459
Morgan, A. *see* McMillian, G. 31309
Morgan, B. Proactive return path maintenance 7091
Morgan, B.A., Talin, A.A., Bi, W.G., Kavanagh, K.L., Williams, R.S., Tu, C.W., Yasuda, T., Yasui, T., Segawa, Y. Comparison of Au contacts to Si, GaAs, $In_yGa_{1-y}P$, and ZnSe measured by ballistic electron emission microscopy 22435
Morgan, D. Polyphase techniques, halfband filters, and IIR 21785
Morgan, D. A signal becomes an equation 34729
Morgan, D. Chording the circle 40037
Morgan, D. Thoughts on quantization error 56472
Morgan, D. *see* Wissinger, J. 6938
Morgan, D.V. *see* Akhtar, M.W. 40520
Morgan, D.V. *see* Aliyu, Y.H. 55450
Morgan, D.V. *see* Luo, J.K. 54292
Morgan, E.J., Crawford, N. Technology broking activities in Europe–a survey 20735
Morgan, G. *see* Palmer, R.B. 17924
Morgan, G. *see* Palmer, R.B. 17966
Morgan, H. *see* Green, N.G. 44978
Morgan, I.H., Mullen, G.L., Zivkovic, M. Almost weakly self-dual bases for finite fields 21019
Morgan, J. *see* Dewsnip, D.J. 41949
Morgan, K. *see* Peraire, J. 52581
Morgan, M. *see* Schneider, W.J. 37005
Morgan, M.D., Horne, W.E., Sundaram, V., Wolfe, J.C., Pendharkar, S.V., Tiberio, R. Application of optical filters fabricated by masked ion beam lithography 23641
Morgan, M.D. *see* Horne, W.E. 18696
Morgan, M.D. *see* Wolfe, J.C. 22711
Morgan, M.G. *see* Jun Zhang 59836
Morgan, N. *see* Konig, Y. 24876
Morgan, N. *see* Konig, Y. 56385
Morgan, N. *see* Mirghafori, N. 14929
Morgan, N. *see* Wawrzynek, J. 53323
Morgan, P., Conolly, S., Scott, G., Macovski, A. A readout magnet for prepolarized MRI 7984
Morgan, R. Wet chemical processing of large substrates in a capillary space 12837
Morgan, R. *see* Levi, E. 19743
Morgan, R. *see* Liao, Y. 60935
Morgan, R. *see* Song, Y.H. 91
Morgan, R.A., Bristow, J., Hibbs-Brenner, M., Nohava, J., Bounnak, S., Marta, T., Lehman, J., Yue Liu Vertical cavity surface emitting lasers for spaceborne photonic interconnects 47953
Morgan, R.A. *see* Lehman, J.A. 33524
Morgan, R.A. *see* Thornton, R.L. 3903
Morgan, R.B. Getting the most from your transformer installation 51069
Morgan, R.B. *see* Bishop, M.T. 39446
Morgan, R.D. *see* Guess, J.F. 18370
Morgan, S. *see* Carbone, P. 47114
Morgan, S.L. *see* Griffith, P.C. 47846
Morgan, S.P. *see* Kalmanek, C.R. 35746
Morgan, T.A. *see* Hook, T.G. 38521
Morgan, V.A. *see* Brooks, D. 60655
Morgan, V.L., Price, R.R., Lorenz, C.H. Application of linear optimization techniques to MRI phase contrast blood flow measurements 59407
Morgan, V.T. Variation of the dielectric properties of a multilayer stack of dry kraft paper with air pressure, mechanical pressure, temperature and time duration 43575
Morgan, V.T., Zhang, B., Findlay, D. Effects of temperature and tensile stress on the magnetic properties of a steel core from an ACSR conductor 8903
Morgan-Owen, G. *see* Batchelor, A. 34049
Morgana, B. *see* Messina, N. 8767
Morganti, S. *see* Arisaka, K. 37239
Morganti, S. *see* Arisaka, K. 37460
Morgenstern, H., Bandler, S., Barner, G. Characterization of printing and laser trimming of DuPont 2000 series resistors on DuPont 951 "Green Tape™" 53852
Morgenstern, H. *see* Blazek, R. 53861
Morgenstern, T. *see* Knoll, D. 2600
Morgera, S.D. *see* Das, K. 47604
Morgul, O., Solak, E. Observer based synchronization of chaotic systems 21461
Morgunov, V. *see* Bolozdynya, A. 49324
Morhac, M. *see* Bandzuch, P. 37577
Morhain, C., Tournie, E., Neu, G., Ongaretto, C., Leroux, M., Faurie, J.P. Optical spectroscopy of $Zn_{1-x}Cd_xSe/ZnSe$ strained-layer quantum wells 22358
Mori, A., Ohishi, Y., Kanamori, T., Sudo, S. Optical amplification with neodymium-doped chalcogenide glass fiber 44382
Mori, A. *see* Ando, H. 29748
Mori, C. *see* Sakai, H. 49332
Mori, C. *see* Toyokawa, H. 37522
Mori, D., Bunke, H. Off-line interpretation and execution of corrections on text documents 4976
Mori, E. *see* Fujimoto, T. 27526
Mori, H. Novel optical compensators of negative birefringence for wide-viewing-angle twisted-nematic liquid-crystal displays 58910
Mori, H., Hyodo, K., Tanaka, E., Uddin-Mohammed, M., Yamakawa, A., Shinozaki, Y., Nakazawa, H., Tanaka, Y., Sekka, T., Iwata, Y., Handa, S., Umetani, K., Ueki, H., Yokoyama, T., Tanioka, K., Kubota, M., Hosaka, H., Ishikawa, N., Ando, M. Small-vessel radiography in situ with monochromatic synchrotron radiation 37762
Mori, H., Itoh, Y., Nishiura, Y., Nakamura, T., Shinagawa, Y. Performance of a novel optical compensation film based on negative birefringence of discotic compound for wide-viewing-angle twisted-nematic liquid-crystal displays 32979
Mori, H., Kaneko, K., Kotani, S., Fujima, K. Real-time danger estimation at an intersection by wide and telephoto images 36683
Mori, H., Kobayashi, H. A fuzzy inference approach to short-term load forecasting in power systems 28842
Mori, H., Urano, S. A modified generalized Rayleigh quotient iteration method for the S-matrix method [power system stability analysis] 28738
Mori, H., Yamada, S. Pipe mill line (VT300, IV4000 system) delivered to Tokyo No.2 Plant of Maruichi Steel Tube Ltd 29904
Mori, H. *see* Ito, S. 51383
Mori, H. *see* Kase, M. 12692
Mori, H. *see* Kawase, Y. 11787
Mori, H. *see* Kawase, Y. 41563
Mori, H. *see* Kawase, Y. 55984
Mori, H. *see* Kodama, N. 12568
Mori, H. *see* Koga, H. 41166
Mori, H. *see* Morimoto, A. 38680
Mori, H. *see* Sugino, R. 54376
Mori, H. *see* Tadokoro, T. 44574
Mori, H. *see* Yamada, T. 44461
Mori, I. *see* Kikuchi, T. 20969
Mori, I. *see* Suzukawa, Y. 19564
Mori, I. *see* Takizawa, M. 12016
Mori, I. *see* Tominaga, K. 838
Mori, J. *see* Kanai, Y. 22653
Mori, J. *see* Neba, Y. 20114
Mori, J. *see* Neba, Y. 61152
Mori, K. Using in-line monitoring and statistical particle control to improve yield 43181
Mori, K., Hasegawa, J., Toriwaki, J., Anno, H., Katada, K. A fast rendering method using the tree structure of objects in virtualized bronchus endoscope system 15988
Mori, K., Iida, S. Factorization of string polynomials 52393
Mori, K., Otsu, M., Osakada, K. Distinct element simulation of grain alignment in mushy-state forging of magnets 43714
Mori, K., Saitoh, W., Suemasu, T., Kohno, Y., Watanabe, M., Asada, M. Room-temperature observation of multiple negative differential resistance in a metal ($CoSi_2$)/insulator (CaF_2) quantum interference transistor structure 13046
Mori, K., Suzuki, H., Mori, T., Fujii, H., Shimizu, Y., Shimizu, T. Development of the IDEOS-700 digital radiography system for R/F table 18335
Mori, K., Takara, H., Saruwatari, M. Wavelength interchange with an optical parametric loop mirror 44691
Mori, K., Uchiyama, K., Morioka, T., Saruwatari, M. Wavelength conversion with an optical parametric loop mirror 4014
Mori, K., Yamashita, S., Nakanishi, H., Hayashi, K., Ohmachi, K., Hori, Y. Service Accelerator (SEA) system for supplying demand oriented information services 57850
Mori, K. *see* Miura, T. 32376
Mori, K. *see* Miyamoto, I. 14498

Mori, K. *see* Miyamoto, I. 14502
Mori, K. *see* Okamura, S. 2949
Mori, K. *see* Okamura, S. 32662
Mori, K. *see* Saito, T. 4945
Mori, K. *see* Shirai, T. 10039
Mori, K. *see* Yasue, M. 7858
Mori, M., Li, D.M., Yamazaki, M., Tambo, T., Ueba, H., Tatsuyama, C. Heteroepitaxial growth of InSb on Si(001) surface via Ge buffer layers 794
Mori, M., Nagamune, Y., Watanabe, M., Noda, T., Sakaki, H. Neuron devices based on point contact phototransistors 33179
Mori, M. *see* Aritomi, M. 36973
Mori, M. *see* Higuchi, K. 13016
Mori, M. *see* Itoh, H. 51515
Mori, M. *see* Itoh, H. 51547
Mori, M. *see* Kizaki, Y. 12012
Mori, M. *see* Lindsay, T. 42820
Mori, M. *see* Mizusawa, Y. 12026
Mori, M. *see* Nakajima, A. 29747
Mori, M. *see* Ono, N. 16606
Mori, M. *see* Saito, H. 15566
Mori, M. *see* Shizuki, Y. 16564
Mori, M. *see* Takeno, H. 23158
Mori, M. *see* Tsuchiya, T. 29105
Mori, M. *see* Yamamoto, T. 20007
Mori, M. *see* Yamamoto, T. 51519
Mori, M. *see* Yoshizawa, M. 52689
Mori, N. *see* Enomoto, H. 43832
Mori, N. *see* Miura, N. 2198
Mori, N. *see* Yamamoto, T. 20007
Mori, N. *see* Yamamoto, T. 51519
Mori, N. *see* Yamanaka, K. 12485
Mori, R.De *see* De Mori, R.
Mori, S., Fukushima, T., Sato, Y. Analysis of substrate effect in chemically amplified resist on silicate-glass 32314
Mori, S. *see* Enokizono, M. 43610
Mori, S. *see* Harada, T. 19121
Mori, S. *see* Kanasugi, H. 1164
Mori, S. *see* Kawano, N. 31137
Mori, S. *see* Keshk, H. 52986
Mori, S. *see* Koh, M. 2665
Mori, S. *see* Koh, M. 22870
Mori, S. *see* Kurokawa, H. 15878
Mori, S. *see* Matsukawa, T. 21693
Mori, S. *see* Miyata, H. 37384
Mori, S. *see* Moro, S. 1176
Mori, S. *see* Moro, S. 21536
Mori, S. *see* Ohtsuki, T. 16778
Mori, S. *see* Senyo, K. 37386
Mori, S. *see* Shinoda, K. 51327
Mori, S. *see* Takebuchi, M. 42711
Mori, S. *see* Tsujita, Y. 37285
Mori, S. *see* Ue, M. 11762
Mori, T., Kozawa, T., Ohwaki, T., Taga, Y., Nagai, S., Yamasaki, S., Asami, S., Shibata, N., Koike, M. Schottky barriers and contact resistances on p-type GaN 12524
Mori, T., Morihiro, M., Takeuchi, S., Kaihara, M. Multimedia service operation system and service navigation system 16416
Mori, T., Obata, K., Imaizumi, K., Mizutani, T. Preparation and properties of an organic light emitting diode with two emission colors dependent on the voltage polarity 13864
Mori, T., Ohashi, H., Mizoguchi, H., Suzuki, K. Investigation of technology for developing large capacity and compact size GCB 51399
Mori, T., Ohwaki, T., Taga, Y., Shibata, N., Koike, M., Manabe, K. Changes in surface composition of GaN by impurity doping 31811
Mori, T., Yamamura, H., Saito, S. Preparation of an alkali-element-doped CeO_2-Sm_2O_3 system and its operation properties as the electrolyte in planar solid oxide fuel cells 21371
Mori, T. *see* Eguchi, I. 37741
Mori, T. *see* Itako, K. 29385
Mori, T. *see* Kuroda, T. 11245
Mori, T. *see* Matsumura, N. 52630
Mori, T. *see* Matsuoka, T. 15110
Mori, T. *see* Mori, K. 18335
Mori, T. *see* Nishimoto, H. 58308
Mori, T. *see* Yokoyama, N. 12905
Mori, W. *see* Fujiwara, M. 3046
Mori, W.B. *see* Lai, C.H. 4276
Mori, W.B. *see* Lai, C.H. 12084
Mori, Y. Ion sources: physics and recent progress 37170
Mori, Y., Kato, K., Uchida, K. Dynamic vision system by a mobile robot 57427
Mori, Y., Sasaki, T. $CsLiB_6O_{10}$ crystal: growth and properties 14285
Mori, Y., Takarabe, K., Iwamoto, S., Minomura, S., Niwa, E., Masumoto, K. High pressure structural study of I-III-VI_2 chalcopyrites 22289
Mori, Y. *see* Hiroike, A. 25711
Mori, Y. *see* Itoh, T. 40610
Mori, Y. *see* Iwai, M. 52589
Mori, Y. *see* Maeda, Y. 32784
Mori, Y. *see* Nan Jiang 42365
Mori, Y. *see* Nemoto, K. 3945
Mori, Y. *see* Nemoto, K. 33604
Mori, Y. *see* Nemoto, K. 55803
Mori, Y. *see* Sato, H. 59166
Mori, Y. *see* Sharma, L.B. 14341
Mori, Y. *see* Takei, H. 32978
Mori, Y. *see* Tanimura, E. 60529
Mori, Y. *see* Tokura, T. 17101
Mori, Z. *see* Ota, H. 40550
Moriai, S., Aoki, K., Ohta, K. Key-dependency of linear probability of RC5 24791
Moriarta, J. *see* Abedini, A. 8287
Moriarty, J.A. *see* Vitkin, I.A. 49760
Moriarty, P. *see* Itskevich, I.E. 22900
Moriarty, T. *see* Emery, K. 39169
Moriaty, P., Wellington, P. Electric vehicles: a long-term option only? 61284
Morice, A.H. *see* Brown, B.H. 18454
Moriceau, H., Maleville, C., Cartier, A.M., Aspar, B., Soubie, A., Bruel, M., Poumeyrol, T., Metral, F., Auberton-Herve, A.J. Cleaning and polishing as key steps for Smart-cut(R) SOI process 22554
Moriceau, H. *see* Aspar, B. 42297
Moriceau, H. *see* Auberton-Herve, A.J. 42607
Moriceau, H. *see* Maleville, C. 42291
Moriceau, H. *see* Nicoletti, S. 3293
Morichi, H. *see* Shiraishi, K. 33019
Morici, M. *see* Iny, D. 6950
Morier-Genoud, F. *see* Aus der Au, J. 55556
Morier-Genoud, F. *see* Robadey, J. 23900
Morifuji, E. *see* Momose, H.S. 41463
Morifuji, E. *see* Ohgaro, T. 2802
Morifuji, E. *see* Ohguro, T. 41460
Morifuji, E. *see* Yoshitomi, T. 2795
Morifuji, M. *see* Murayama, K. 32359
Morifuji, M. *see* Nagasawa, H. 12882
Morigaki, K. *see* Takeda, K. 55391
Morigi, S. *see* Casciola, G. 40176
Moriglioni, M. *see* Fornari, R. 12656
Moriguchi, H. *see* Shirafuji, T. 32214
Morihiro, M. *see* Mori, T. 16416
Morii, F. On entropic thresholding for image segmentation 15859
Moriizumi, K. *see* Hanawa, T. 2533
Moriizumi, K. *see* Nakae, A. 32259
Moriizumi, K. *see* Nakao, H. 22650
Moriizumi, K. *see* Tamura, T. 32485
Moriizumi, T. *see* Hanaki, S. 36778
Moriizumi, T. *see* Hyung-Ki Hong 36760
Moriizumi, T. *see* Ishida, H. 27723
Moriizumi, T. *see* Ishida, H. 27747
Moriizumi, T. *see* Nakamoto, T. 27725
Morikami, M. *see* Ohsawa, T. 6688
Morikawa, A. *see* Takahashi, M. 20282
Morikawa, H. Personal packet TDMA wireless network 16559
Morikawa, H., Mizui, Y., Mizumachi, M. Periodic reservation for mobile satellite position reporting services 36066
Morikawa, H. *see* Ikei, Y. 54837
Morikawa, H. *see* Inoue, M. 58106
Morikawa, H. *see* Qiao, M. 38028
Morikawa, J. *see* Ono, F. 31502
Morikawa, J. *see* Ono, F. 58160
Morikawa, K., Ida, J. Power reduction of new divided layer bitline dual port SRAM with a-Si/Ti local wiring scheme 21660
Morikawa, K., Tsuchimoto, M., Honma, T., Fujimoto, H., Murakami, M. Numerical evaluation of magnetization properties of a bulk HTSC with a hole 43756
Morikawa, M. *see* Enokizono, M. 9203
Morikawa, S., Okada, K., Takeuchi, S., Shirakawa, I. A high performance FIR filter dedicated to digital video transmission 48219
Morikawa, S. *see* Okada, K. 21811
Morikawa, T., Aida, M., Ohlsuka, A., Chan Bok Lee An experimental of frequency transfer using a geostationary broadcasting satellite 27935
Morikawa, T., Sugiyama, M., Tatsumi, T., Sato, K., Tashiro, T. A vertical-cavity P-i-N SiGe/Si photodetector for Si-based OEICs 48552
Morikawa, T. *see* Komuro, S. 13809
Morikawa, T. *see* Nakagiri, K. 48320
Morikawa, T. *see* Tashiro, T. 22949
Morikawa, T. *see* Tashiro, T. 48550
Morikawa, Y., Yamane, N., Hamada, H. Unified approach to ciphering and coding of still halftone images 25299
Morikawa, Y. *see* Budoh, A. 46238
Morikawa, Y. *see* Futagi, T. 31934
Morikawa, Y. *see* Kajiyama, K. 22479
Morikawa, Y. *see* Kawamura, K. 22460
Morikoshii, H., Uchida, N., Nakata, A., Yamasawa, K., Narumiya, Y. $PbTiO_3$ films grown by the liquid phase epitaxy method 695
Morillo, J. *see* Amiranoff, F. 17898
Morillo, P. *see* Marco, C. 26601
Morillon, P. *see* Gilbert, F. 36621
Morimitsu, T. *see* Manabe, T. 20971
Morimitsu, T. *see* Mikawa, M. 36115
Morimoto, A., Hayashida, E., Sekioka, S., Isokawa, M., Hiyama, T., Mori, H. Development of weatherproof mobile impulse voltage generator and its application to experiments on nonlinearity of grounding resistance 38680
Morimoto, A. *see* Dae-Sik Kim 55508
Morimoto, A. *see* Takahara, J. 55276
Morimoto, C., Chellappa, R. Fast electronic digital image stabilization 5608
Morimoto, C., Yacoob, Y., Davis, L. Recognition of head gestures using hidden Markov models 5619
Morimoto, H., Esaka, T., Kamata, M. Preparation of the perovskite-type oxide $Ca_{0.9}Nd_{0.1-y}MnO_{3-\delta}$ and its cathodic properties in alkaline solutions 60981
Morimoto, H., Wada, M., Nakamichi, M., Hirata, S.-I. A police car locator system 36279
Morimoto, J. *see* Shinagawa, Y. 46501
Morimoto, K. *see* Araki, K. 32182
Morimoto, K. *see* Inoue, N. 21283
Morimoto, K. *see* Yuki, K. 22399
Morimoto, M., Suenaga, Y., Shimohara, K. Integration of multiple range data based on a parallel estimation of coordinates transformation parameters 46103
Morimoto, M. *see* Hatano, K. 48683
Morimoto, N. *see* Bender, W. 14790
Morimoto, N.I., Swart, J.W. Development of a cluster tool and analysis of deposition of silicon oxide by TEOS/O_2 PECVD 22918
Morimoto, S., Maeda, M., Nakamura, M., Masato, H., Ota, Y. GaAs high power amplifier module for digital portable radios of multi-channel access system 41474
Morimoto, S., Sanada, M., Takeda, Y. Sinusoidal current drive system of permanent magnet synchronous motor with low resolution position sensor 29679
Morimoto, S. *see* Nishitsuji, M. 2727
Morimoto, S. *see* Sanada, M. 29680
Morimoto, T., Hiratsuka, K., Sanada, Y., Kurihara, K. Electric double-layer capacitor using organic electrolyte 11770
Morimoto, T., Tashiro, T., Takezawa, T., Nagata, M., Yato, F., Uratani, N., Suzuki, M., Kikui, G. System configuration and performance evaluation of the speech translation system: ASURA 4618
Morimoto, T. *see* Kita, L. 24817
Morimoto, T. *see* Momose, H.S. 41463
Morimoto, T. *see* Ohguro, T. 41460
Morimoto, T. *see* Sakata, Y. 44555
Morimoto, T. *see* Shibata, T. 53495
Morimoto, T. *see* Shoji, K. 1356
Morimoto, T. *see* Takezawa, T. 15106
Morimoto, W., Kishimoto, T., Takai, M., Yura, S., Hosono, A., Okuda, S., Lipp, S., Frey, L., Ryssel, H. Electron-beam-induced deposition of Pt for field emitter arrays 31696
Morimoto, Y., Fujimoto, T., Nishimura, Y., Kitamura, Y. Gasoline-engine control technologies and development of compact electronic control units 9703
Morimoto, Y., Fujisawa, M. Fringe-pattern analysis by phase-shifting method using extraction of characteristic 4932
Morimoto Masashi *see* Masashi Morimoto
Morimura, H., Shibata, N. A 1-V 1-Mb SRAM for portable equipment 11444
Morimura, M. *see* Masui, T. 27384
Morimura, T. *see* Hasaka, M. 31919
Morimura, T. *see* Hasaka, M. 61103
Morimura, T. *see* Kondo, S. 31910
Morimura, T. *see* Kondo, S. 39236
Morimura, T. *see* Wakiwaka, H. 9273
Morin, A., Caron, S., Van Neste, R., Edgecombe, M.H. Field monitoring of the ice load of an icebreaker propeller blade using fibre optic strain gauges 20186
Morin, C. *see* Sahai, A. 57872
Morin, E.L. *see* Gallant, P.J. 8068
Morin, F., Caron, J.-P., Hautier, J.-P. Concepts for an unconventional uninterruptible power supply using reversible converters 51330
Morin, G. *see* Brochu, J. 50433
Morin, G. *see* Bui, L.X. 19216
Morin, G. *see* Sybille, G. 8853
Morin, L. *see* Carlsson, S. 25541
Morin, M., Levesque, M., Mailloux, A., Galarneau, P. Moment characterization of the position stability of laser beams 55770
Morin, M. *see* Levesque, M. 55771
Morin, P. Crystal growth of rare earth intermetallic compounds 52603
Morin, P. *see* Applebaum, T.H. 15120
Morin, P. *see* Grotty, P.M. 58333
Morin, P. *see* McFarlane, J. 16674
Morin, R. Securing the Internet 6217
Morin, R., Pacradouni, V., Kanskar, M., Young, J.F., Johnson, S., Tiedje, T. Contribution of a single strained layer InGaAs quantum well to the anisotropic group velocity dispersion of GRINSCH waveguides: Experiment and model results 23985
Morin, R. *see* Kanskar, M. 43997
Morin, R. *see* Lam, L. 51424
Morin, R. *see* Pacradouni, V. 3409
Morin, V. *see* Girault, M. 48590
Morin, X., El Assad, S., Barba, D. Statistical information analysis of raw synthetic aperture radar data for compression 48071
Morinaga, A. *see* Mugino, A. 8523
Morinaga, H., Ohmi, T. Electrochemical deposition and removal of metallic impurities on Si surfaces 42558
Morinaga, N., Kobashi, S., Kamiura, N., Hata, Y., Yamato, K. Decomposition of the brain portions by fuzzy inference techniques 49481
Morinaga, N., Nakagawa, M., Kohno, R. New concepts and technologies for achieving highly reliable and high-capacity multimedia wireless communications systems 26343
Morinaga, N. *see* Ikeda, T. 47700
Morinaga, N. *see* Jeong, J.-W. 16650
Morinaga, N. *see* Kobashi, S. 49432
Morinaga, N. *see* Kuri, T. 26795
Morinaga, N. *see* Miyamoto, S. 6609
Morinaga, N. *see* Miyamoto, S. 16542
Morinaga, N. *see* Naijoh, M. 24642

Morinaga, N. *see* Otsuki, S. 47745
Morinaga, N. *see* Wannasarnmaytha, A. 6689
Morinaga, N. *see* Wannasarnmaytha, A. 34514
Morinaka, H. *see* Kim, I.J. 43261
Morinaka, H. *see* Oklobdzija, V. 21638
Morinaka, H. *see* Ueda, K. 21568
Morinec, A.G. *see* Dorr, D.S. 61319
Moring, I. *see* Marszalec, J. 17537
Morini, A. *see* Andriollo, M. 9645
Morini, A. *see* Bonvini, B. 8803
Morini, A. *see* Bottino, M.P. 60355
Morini, A. *see* Bottino, M.P. 61161
Morini, A. *see* Delfino, B. 8727
Morini, A. *see* Farina, M. 31504
Morini, A. *see* Rozzi, T. 45291
Morioka, S. *see* Kitajima, A. 11404
Morioka, T. Supercontinuum lightwave optical sources for large capacity transmission 26755
Morioka, T., Kawanishi, S., Takara, H., Kamatani, O., Yamada, M., Kanamori, T., Uchiyama, K., Saruwatari, M. 100 Gbit/s×4 ch, 100 km repeaterless TDM-WDM transmission using a single supercontinuum source 26826
Morioka, T. *see* Mori, K. 4014
Morioka, T. *see* Uchiyama, K. 36095
Morioka, Y. *see* Kobayashi, T. 38292
Morisaki, H. *see* Ichinohe, T. 2222
Morisaki, H. *see* Kunugi, T. 10697
Morisaki, H. *see* Nozaki, S. 10972
Morisaki, H. *see* Nozaki, S. 41871
Morisaki, K. *see* Momozawa, M. 25707
Morisaki, M. *see* Irie, K. 58035
Morisaki, M. *see* Tsuchiya, T. 57782
Morisawa, T., Fukuda, W. Direct patterning of spin-on-glass materials by ArF excimer laser irradiation and their new application to hard-mask processes 32254
Morisawa, Y., Kikuma, I., Takayama, N., Takeuchi, M. Effect of SiO_2 powder on mirror polishing of InP wafers 54413
Morishige, Y. *see* Haba, B. 10158
Morishige, Y. *see* Haba, B. 44834
Morishima, S. *see* Sakaguchi, T. 5617
Morishima, S. *see* Sato, J. 24882
Morishima, S. *see* Sera, H. 25787
Morishita, A. *see* Tanaka, T. 9678
Morishita, F. *see* Oashi, T. 41171
Morishita, F. *see* Tomishima, S. 1419
Morishita, H., Takahashi, S., Kamei, T. Conical radiation pattern characteristics of a quadrifilar helical antenna 34336
Morishita, K. *see* Nilesh J. Vasa 55560
Morishita, K. *see* Nishimura, J. 33016
Morishita, M. Robust controller design for Maglev transport vehicles with a guide-effective electromagnetic suspension system 39336
Morishita, S., An, Y.K. On dynamic characteristics of ER fluid squeeze film damper 30993
Morishita, S., Sugahara, S., Matsumura, M. Atomic-layer chemical-vapor-deposition of silicon-nitride 52711
Morishita, S. *see* Yamamoto, N. 34474
Morishita, T., Teramoto, I. A high-speed internal bus organization for PCA neuro-processors 41374
Morishita, T. *see* Yamaguchi, H. 43091
Morishita, T. *see* Yamazaki, J. 59460
Morisi, L., Sezenna, F., Mantica, L., Oberti, M. High performance multisystem locomotive E412 for the Italian state railways 51786
Morison, W.D. *see* Li, L. 48603
Morisse, J. *see* Gaiffe, T. 27616
Morisse, J. *see* Gaiffe, T. 27632
Morisue, M., Yamadaya, M., Noguchi, H., Kanasugi, A. A digital application of chaotic oscillation modes in Josephson circuit 41088
Morita, E., Dodds, G., Ogasawara, T. Education and research in Japan 20451
Morita, E. *see* Haga, Y. 12753
Morita, E. *see* Makino, T. 42080
Morita, H., van Wijngaarden, A.J., Han Vinck, A.J. On the construction of maximal prefix-synchronized codes 24718
Morita, H. *see* Kanda, T. 10643
Morita, H. *see* Kato, J. 32265
Morita, I., Suzuki, M., Edagawa, N., Yamamoto, S., Akiba, S. Single-channel 40 Gbit/s, 5000 km straight-line soliton transmission experiment using periodic dispersion compensation 58298
Morita, I., Suzuki, M., Edagawa, N., Yamamoto, S., Taga, H., Akiba, S. 20-Gb/s single-channel soliton transmission over 9000 km without inline filters 6733
Morita, I. *see* Edagawa, N. 26827
Morita, I. *see* Suzuki, M. 14330
Morita, I. *see* Suzuki, M. 58293
Morita, J. *see* Yano, K. 54576
Morita, K., Nozaki, H., Tone, K. The dielectric breakdown mechanism of suspension insulators due to the steep impulse voltage 28916
Morita, K., Suzuki, Y., Nozaki, H. Study on electrical strength of suspension insulators in steep impulse voltage range 50617
Morita, K. *see* Araki, K. 32182
Morita, K. *see* Chiba, Y. 35825
Morita, K. *see* Kawata, M. 51645
Morita, K. *see* Kurosu, K. 46144
Morita, K. *see* Ota, H. 38293
Morita, K. *see* Yuki, K. 22399
Morita, K.-I. *see* Asaki, Y. 17020
Morita, K.-I. *see* Katagiri, S. 58521
Morita, M., Matsuda, Y. Ethylene carbonate-based organic electrolytes for high performance aluminium electrolytic capacitors 11761
Morita, M., Tachikawa, S., Iida, M. CD metrology microscope SiSCAN 7325TQ for back side measurement [reticles] 22697
Morita, M., Tanaka, H., Ishikawa, M., Matsuda, Y. Effects of crown ethers on the electrochemical properties of polymeric solid electrolytes consisting of poly(ethylene oxide)-grafted poly(methylmethacrylates) 29580
Morita, M. *see* Hayami, H. 35766
Morita, M. *see* Ishikawa, M. 11769
Morita, M. *see* Ishikawa, M. 29555
Morita, M. *see* Iwamoto, T. 42594
Morita, M. *see* Kaito, T. 60830
Morita, M. *see* Kishida, T. 19787
Morita, M. *see* Teshima, H. 13480
Morita, M. *see* Ushikil, T. 43100
Morita, M. *see* Watanabe, T. 35934
Morita, M. *see* Yugawa, T. 16273
Morita, N. *see* Kurita, T. 30195
Morita, N. *see* Nakamura, O. 8094
Morita, R. *see* Ota, T. 7910
Morita, S., Nishiyama, M., Ueda, T. Super-high-density optical disk using deep groove method 43906
Morita, S., Watanabe, T., Funayama, M., Miyazawa, Y., Sekita, M. The growth of $(Tb_xGd_{1-x})AlO_3$ single crystals by the Czochralski method 10599
Morita, S. *see* Inanami, R. 12768
Morita, S. *see* Inanami, R. 12769
Morita, S. *see* Inanami, R. 22602
Morita, S. *see* Mizukami, Y. 60959
Morita, S. *see* Ohgami, J. 2943
Morita, S.-Y. *see* Yamagata, Y. 43414
Morita, T. An overview of active matrix LCDs in business and technology 17682
Morita, T., Ohnuchi, K., Kaji, M., Saitoh, Y., Shioya, J., Sawada, K., Takahashi, M., Kato, T., Murakami, K. Numerical model of crimping by finite element method 11794
Morita, T. *see* Hada, H. 36805
Morita, T. *see* Kurosawa, T. 59851
Morita, T. *see* Nakamura, K. 9303
Morita, T. *see* Nanto, H. 17584
Morita, T. *see* Nanto, H. 36767
Morita, T. *see* Sawasaki, N. 1507
Morita, T. *see* Suzuki, A. 20014
Morita, T. *see* Takizawa, M. 38913
Morita, T. *see* Tanaka, K. 5395
Morita, T. *see* Tanaka, K. 25704
Morita, Y., Hara, K., Higashi, N., Hosoyama, K., Kabe, A., Kawamata, H., Kojima, Y., Nakai, H., Shintomi, T., Takahashi, T., Terashima, A. AC loss measurement of superconducting dipole magnets by the calorimetric method 43846
Morita, Y., Jian-Yu Liu, Johnson, K.M., Gilman, S.E. Fast nematic liquid crystal Fabry-Perot filter for WDM all-optical networks 33214
Morita, Y. *see* Doi, M. 37082
Morita, Y. *see* Hosoyama, K. 49159
Morita, Y. *see* Hosoyama, K. 49160
Morita, Y. *see* Ichimura, M. 44201
Morita, Y. *see* Nakai, H. 43844
Morita, Y. *see* Ohshima, T. 29649
Morita, Y. *see* Shimoyama, I. 28340
Morita, Y. *see* Tsuchiya, K. 49011
Moritake, H. *see* Sagioka, K. 33654
Moritani, A., Tachikawa, A., Jono, A., Aigo, T., Ikematsu, Y., Sano, Y., Yamagishi, C., Akiyama, M. Improvement of threshold voltage uniformity in ion-implanted GaAs-metal-semiconductor field-effect transistors on Si 13017
Moritani, A. *see* Futagi, T. 31934
Morito, K., Sahara, R., Sato, K., Kotaki, Y., Soda, H. MQW modulator integrated DFB lasers for multigigabit transmission systems 26812
Morito, K. *see* Sahara, R. 3453
Moritomi, H. *see* Takei, M. 6498
Moritz, A., Wirth, R., Heppel, S., Geng, C., Kuhn, J., Schweizer, H., Scholz, F., Hangleiter, A. Intrinsic modulation bandwidth of strained GaInP/AlGaInP quantum well lasers 55633
Moritz, A. *see* Geng, C. 40459
Moritz, A. *see* Im, J.S. 31847
Moritz, A. *see* Kuhn, J. 55661
Moritz, W. *see* Over, H. 41864
Moriuchi, T. *see* Minami, K. 54849
Moriura, K., Kuzukshita, H., Zushi, T. Study on the influence of oxygen on the curability of UV curable resin for optical fiber 16670
Moriwaki, K. *see* Fukuda, M. 3840
Moriwaki, K. *see* Hashimoto, T. 3646
Moriwaki, K. *see* Yanagisawa, M. 58329
Moriwaki, M. *see* Aizawa, K. 52760
Moriwaki, M. *see* Segawa, M. 43025
Moriwaki, N. *see* Hirano, H. 1389
Moriwaki, N. *see* Hirano, H. 53292
Moriya, K. *see* Ueda, M. 48459
Moriya, K. *see* Yamaura, H. 36758
Moriya, N. *see* Passlack, M. 22480
Moriya, S., Ichige, T., Isshiki, N., Tsukada, M., Kawasaki, M., Oguci, T. Studies of recycled fuel oil for diesel engine extracted from waste plastics disposals 28988
Moriya, S. *see* Kasuga, T. 22707
Moriya, T., Iwagami, N., Ikeda, K., Miki, S. Essential techniques for TwinVQ 34575
Moriya, T., Iwakami, N., Ikeda, K., Miki, S. Extension and complexity reduction of TwinVQ audio coder 14824
Moriya, T. *see* Ikeda, K. 34577
Moriya, T. *see* Iwakami, N. 34574
Moriya, T. *see* Kataoka, A. 14868
Moriya, T. *see* Miki, S. 34576
Moriya, T. *see* Ohmuro, H. 15057
Moriya, T. *see* Uedono, A. 54030
Moriya, T. *see* Watanabe, E. 43512
Moriya, Y. *see* Aboudabra, A.A. 45122
Moriyama, A. *see* Andoh, I. 29384
Moriyama, E., Mizuno, M., Iwama, T., Ohgane, T., Ryuko, H., Sekizawa, S. Development of waveform digitizing multipath analyzer 27440
Moriyama, H., Kiyomatsu, S., Ono, S., Ito, K., Kuroha, S. Development of 29 cm (11.3-inch) and 31 cm (12.1-inch) high resolution TFT color LCD modules for note PC 36804
Moriyama, H., Mitsui, H., Ohmori, J., Murai, S., Nishijima, S., Okada, T. Mechanical and thermal properties of self-bonded superconducting winding 32942
Moriyama, H. *see* Nashimoto, K. 2911
Moriyama, M. *see* Sato, Y. 49504
Moriyama, N. *see* Kanazawa, K. 18384
Moriyama, N. *see* Tozaki, T. 59516
Moriyama, N. *see* Ukai, Y. 8047
Moriyama, T. *see* Kawada, M. 60642
Moriyasu, H. *see* Tokinaga, S. 21049
Morizaki, I. *see* Senba, N. 59876
Morizane, T., Chichikawa, T., Kimura, N., Taniguchi, K., Hirachi, K. Analysis of a novel three-phase soft-switched converter with high power factor 51121
Morizane, T., Masada, E., Hayashiya, H., Ohsaki, H. Direct linear drives for vertical transportation 61246
Morizane, T. *see* Taniguchi, K. 51730
Morjan, I. *see* De Cesare, G. 832
Morjan, I. *see* Ferrari, A. 42504
Mork, J., Mecozzi, A. Theory of nondegenerate four-wave mixing between pulses in a semiconductor waveguide 44719
Mork, J. *see* Brorson, S.D. 23937
Mork, J. *see* Franck, T. 3866
Mork, J. *see* Hofmann, M. 55878
Mork, J. *see* Mecozzi, A. 14238
Morken, K., Scherer, K. A general framework for high-accuracy parametric interpolation 40178
Morkoc, H. III-V nitrides and their device applications 12224
Morkoc, H., Kim, W., Aktas, O., Salvador, A., Botchkarev, A., Reynolds, D.C., Look, D.C., Smith, M., Chen, G.D., Lin, J.Y., Jiang, H.X., Schmidt, T.J., Yang, X.H., Shan, W., Song, J.J., Goldenberg, B., Litton, C.W., Evans, K. Optical properties of Mg-GaN, GaN/AlGaN SCH structures, and GaN on ZnO substrates 12362
Morkoc, H. *see* Aktas, O. 13025
Morkoc, H. *see* Dae-Gyu Park 2278
Morkoc, H. *see* Dae-Gyu Park 32392
Morkoc, H. *see* Dae-Gyu Park 42329
Morkoc, H. *see* Fan, Z. 12550
Morkoc, H. *see* Kim, W. 30832
Morkoc, H. *see* Mohammad, S.N. 52636
Morkoc, H. *see* Mohammed, S.N. 44280
Morkoc, H. *see* Smith, D.J. 31861
Morkoc, H. *see* Stengel, F. 2671
Morkoc, H. *see* Stengel, F. 22453
Morkoc, H. *see* Sverdlov, B.N. 21269
Morkoc, H. *see* Tsen, K.T. 31940
Morkoc, H. *see* Zhi Chen 22463
Morkoc, H.-D. *see* Martin, G.A. 21254
Morkog, H. *see* Park, D.-G. 42312
Morkok, H. The global wireless web 58139
Morl, L., Weinert, C.M., Reier, F., Stoll, L., Nolting, H.-P. Uncladded thickness tapers integrated with InGaAsP/InP rib waveguides for efficient fibre-chip butt coupling 13655
Morl, L. *see* Hoffmann, D. 16731
Morlet-Savary, F., Fouassier, J.P., Yamashita, K., Imahashi, S. A three-component visible photoinitiator: system based on dye/iron arene complex/amine for imaging applications 13545
Morley, D. *see* Cirstea, M.N. 61201
Morley, D. *see* Przybylski, J. 51371
Morley, J. *see* Day, S. 26930
Morley, R.J., Wendland, J.J., Baker, H.J., Hall, D.R. Single-line cw operation of atomic xenon lasers 33371
Morley, S. *see* Von der Emde, M. 21240
Morling, R.C.S., Kale, I. Modulation depth and stability limits of a class of third-order sigma-delta modulators 1542
Morling, R.C.S. *see* Al-Janabi, M. 1538
Morling, R.C.S. *see* Kale, I. 11521
Morling, R.C.S. *see* Kale, I. 56531
Morling, R.C.S. *see* Krukowski, A. 1532
Morlion, D. *see* Vetter, P.J. 13603
Morlock, S.E. *see* Baker, N.T. 60085
Morlot, G. *see* Poignon, C. 2953
Mormile, P., Casale, E., de Stefano, L., Villiargio, M. Light switching at a prism-liquid crystal interface. A new sensor for magnetic fields 7274
Moro, C.M.C. *see* Gutierrez, M.A. 49444
Moro, K. *see* Orii, Y. 12051
Moro, L., Paul, A., Lorents, D.C., Malhotra, R., Ruoff, R.S., Jiang, L. Patterning silicon carbide on silicon by ion modification of C_{60} films 42031

Moro, R. *see* Fioretto, E. 59283
Moro, R. *see* Scheurer, J.N. 59353
Moro, S., Mori, S. Bifurcation phenomena in Wien-bridge oscillators coupled by one resistor 1176
Moro, S., Nishio, Y., Mori, S. On coupled oscillators networks for cellular neural networks 21536
Moro, S. *see* Kanasugi, H. 1164
Moro, S. *see* Kawano, N. 31137
Morocz, I.A. *see* Gudbjartsson, H. 7964
Moroishi, K.I. *see* Sato, M. 13399
Morokuma, M. *see* Kondo, H. 15460
Morokuma, T. *see* Shiota, F. 27363
Morone, A. *see* Cappuccio, G. 40438
Moroney, D.T., Cullen, P.J. The Green's function perturbation method for solution of electromagnetic scattering problems–summary 4239
Moroney, J. *see* Kramer, A. 21612
Moroney, M.J., Jr., Chin, K.F., Hung, S.C. An interactive system for precise buoy deployment and position assurance 50192
Morono, A., Hodgson, E.R. Surface and volume electrical degradation in Wesgo AL995 54986
Moronuki, N. *see* Kwang Hee Lee 50243
Morooka, S., Shirakawa, K., Yamamoto, Y., Yano, T., Kimura, J., Mitsutake, T. Development of high performance BWR fuel bundle. Thermal-hydraulic performance of CYCLONE spacer 19510
Morooka, Y. *see* Hamamoto, T. 1399
Morooka, Y. *see* Kayama, M. 39444
Morookian, J.-M. *see* Lome, L.S. 6805
Moros, E.G., Straube, W.L., Myerson, R.J. Potential for power deposition conformability using reflected-scanned planar ultrasound 18510
Morosanu, C. *see* Arnautu, V. 21168
Morosanu, C. *see* Dumitru, V. 43893
Moroshkin, A. *see* Sheiko, L. 1746
Moroz, N.V. *see* Ptashchenko, A.A. 54150
Morozov, I.A., Snytkina, Yu.V., Demchenkov, O.V. Estimate of a probability for a random normal vector to get into an infinite cone 424
Morozov, I.N. *see* Nastoyashchii, A.F. 22159
Morozov, K.V. *see* Zhukov, G.V. 55488
Morozov, N.P. *see* Vanyakin, A.V. 44186
Morozov, O. *see* Il'in, G. 7659
Morozov, V., Neff, J., Zhou, H. Signal and noise analysis in free-space interconnects 55344
Morozov, V., Neff, J., Zhou, H.J. System analysis of massively parallel crosspoint switch with optical control 35881
Morozov, V. *see* Buccafusca, O. 23995
Morozov, V. *see* Neff, J.A. 55472
Morozov, V. *see* Zhou, H.J. 35882
Morozov, V.A., Osipov, V.V., Selyakov, A.V., Taubkin, I.I. A new InSb-based integrated array photoreceiver 48548
Morozova, N. *see* Gandel, Y. 45311
Morozova, N. *see* Mclaren, T. 33330
Morozova, N.D. *see* Goodwill, D.J. 55468
Morozova, N.D. *see* Lin, W. 33135
Morozumi, K. *see* Yamanouchi, K. 13394
Morozumi, S. AMLCD manufacturing 10024
Morozumi, S. The present and future of AMLCD production 17614
Morozumi, Y. *see* Ueno, A. 37029
Morpurgo, A.F., van Wees, B.J., Klapwijk, T.M., Borghs, G. Submicron processing of InAs based quantum wells: a new, highly selective wet etchant for AlSb 42488
Morr, C.E., Lerallut, J.-F. Multimedia medical archive consultation using ISDN and Internet 37932
Morra, O. *see* Agnello, M. 37458
Morra, O. *see* Botta, E. 37492
Morrell, C., Manning, P.P. An automatic liquid-nitrogen filling system for use with solid-state X-ray detectors 36374
Morrell, M.M. *see* Kippelen, B. 3406
Morrey, M. *see* Higgins, N.A. 18578
Morrill, G.L. *see* Conn, A.R. 11091
Morris, A., Dennison, P. Sick building syndrome: are UK libraries affected? 52110
Morris, C. *see* Gray, W. 36042
Morris, C. *see* Lee, D.M. 59268
Morris, C.L., Atencio, L.G., Sondheim, W.E., Seestrom, S.J., Rawool-Sullivan, M.W., McGaughey, P.L., Lee, D.M., Kinnison, W.W., Brooks, M.L., Armijo, V. Electric discharge etching of thin metalized plastic films 946
Morris, D. *see* McGibney, J. 46878
Morris, D.G. *see* Chong, H.F. 47274
Morris, G. *see* Sui Shen 37907
Morris, G. *see* Treen, A. 958
Morris, G.K., Garimella, S.V. Correlations for single-phase convective heat transfer from an array of three-dimensional obstacles in a channel 285
Morris, G.M. *see* Lalanne, P. 4143
Morris, G.M. *see* Norton, S.M. 44181
Morris, G.M. *see* Sales, T.R.M. 33738
Morris, J.E., Xuefei Feng, Chaoli Lee, Oakley, E., Youssof, S. The electrical and mechanical properties of electrically conductive adhesives in pin-through-hole applications 41620
Morris, J.E. *see* Feldman, M.R. 3521
Morris, J.E. *see* Li, L. 40674
Morris, J.M. *see* Joshi, S. 34865
Morris, J.M. *see* Patel, K. 36196
Morris, J.M. *see* Youhong Lu 24988
Morris, J.M. *see* Youhong Lu 34866
Morris, J.M. *see* Youhong Lu 34909
Morris, J.R. Interconnection and assembly of LCDs 17688
Morris, J.W., Jr. *see* Kang, S.H. 42779
Morris, J.W., Jr. *see* Kim, C.-U. 54503
Morris, K. *see* Vladimirsky, O. 43367
Morris, K. *see* Vladimirsky, Y. 42805
Morris, K.J., Vladimirsky, Y., Vladimirsky, O., Calderon, G. X-ray microfabrication of multi-level structures and 3-D patterning 42884
Morris, M., Waiman, S. Interconnection systems: the design, development and manufacture of prototype, medium volume and high volume fine line printed circuit boards 22067
Morris, M. *see* Parab, K.B. 12693
Morris, M. *see* Tian, S. 42397
Morris, M. *see* Yang, S.-H. 54344
Morris, M. *see* Yong, S.-H. 12655
Morris, M.M., Jenkins, J.M., DiCarlo, L.A. Samples above the median: a nonparametric method for intracardiac signal assessment 37769
Morris, N. *see* Alphonse, G.A. 3635
Morris, N.A. *see* Garbuzov, D.Z. 3847
Morris, R., Nowrouzian, B. A novel technique for pipelined scheduling and allocation of data-flow graphs based on genetic algorithms 15166
Morris, R.D., Descombes, X., Zerubia, J. The Ising/Potts model is not well suited to segmentation tasks 46488
Morris, R.D., Fitzgerald, W.J., Kokaram, A.C. A sampling based approach to line scratch removal from motion picture frames 56987
Morris, S., Lim, D., Yang, S.-H., Tian, S., Parab, K., Tasch, A.F. Development and demonstration of a two-dimensional, accurate and computationally-efficient model for boron implantation into single-crystal silicon through overlying oxide layers 12661
Morris, S., Lim, D., Yang, S.-H., Tian, S., Parab, K., Tasch, A.F., Law, M.E. A two-dimensional, accurate and computationally efficient model for boron implantation through oxide layers into silicon 54343
Morris, S. *see* Ghante, V. 12687
Morris, S. *see* Yang, S.-H. 54344
Morris, S.E., McClemont, F.S., Byrne, A.J., Haston, A.L., McGovern, M.G. High performance, crystal oscillators for space applications 21529
Morris, S.J., Obradovic, B., Yang, S.-H., Tasch, A.F. Modeling of boron, phosphorus, and arsenic implants into single-crystal silicon over a wide energy range (few keV to several MeV) 42398
Morris, S.J. *see* Parab, K.B. 12693
Morris, S.J. *see* Rose, K.C. 746
Morris, S.J. *see* Tian, S. 42397
Morris, S.J. *see* Yong, S.-H. 12655
Morris, T. *see* Cheesman, J. 47479
Morris, T. *see* Isaacs, E.A. 47249
Morris, T.G., Wilson, C.S., DeWeerth, S.P. Analog VLSI circuits for sensory attentive processing 21827
Morris, W.L. *see* Liang, J. 324
Morris Hotsenpiller, P.A., Wilson, G.A., Roshko, A., Rothman, J.B., Rohrer, G.S. Heteroepitaxial growth of TiO_2 films by ion-beam sputter deposition 10775
Morris Hotsenpiller, P.A. *see* Burgess, D.R. 10774
Morrisey, M.C. *see* Beringer, J. 37394
Morrison, A.T., III, Williams, A.J., III Preliminary tow tank and flume tests of a prototype BASS Rake wave bottom boundary layer sensor 38087
Morrison, A.T., III *see* Williams, A.J., III 50197
Morrison, B.D., Robillard, M.N. Design and certification of low-cost distributed Control-By-Light™ aircraft control systems for part 25 aircraft 59924
Morrison, B.D., Robillard, M.N. ASPEN™: a multi-transmitter, bi-directional fiber optic data bus designed for use in critical aircraft applications 59925
Morrison, C. Mass customisation–putting the theory into practice 20833
Morrison, C.A. *see* Barnes, N.P. 14063
Morrison, D. *see* McSharry, J. 51647
Morrison, E.D. *see* Somasiri, N.L.D. 24351
Morrison, G.R., Rahlff, C.P., Ebrahimzadeh, M., Dunn, M.H. A high-average-power all-solid-state, single-frequency Ti:sapphire laser 3751
Morrison, G.R. *see* Gibson, G.M. 44703
Morrison, I.F. *see* Gilbert, D.M. 50662
Morrison, J.M. *see* Askari, F. 28644
Morrison, K., Bennett, J.C. Development of a high-resolution ground-based synthetic aperture radar 8407
Morrison, L.C. Computerized image processing in the Reginald Denny beating trial 56645
Morrison, M. *see* Fuller, R. 21386
Morrison, R.E. Harmonic distortion in commercial establishments 60202
Morrison, R.E. *see* Lihua Hu 60362
Morrison, R.L. *see* Hinterlong, S.J. 35886
Morrison, R.L. *see* Lentine, A.L. 3660
Morrison, R.L. *see* Lentine, A.L. 33316
Morrison, R.L. *see* Lentine, A.L. 58290
Morrison, T.I. *see* Ilinski, P. 37065
Morrissey, J. *see* Bandyopadhyay, S. 16319
Morrissey, J.P., Sanders, P.W., Stockel, C.T. Increased domain security through application of local security and monitoring 16228
Morros, J.R. *see* Salembier, P. 35181
Morros, R. *see* Pardas, M. 25580
Morrow, D.J. *see* Martin, J.P. 19724
Morrow, D.J. *see* O'Hara, D.A. 19725
Morrow, I.I., Hall, P.S., James, J.R. Measurement and modeling of a microwave active-patch phased array for wide-angle scanning 34355
Morrow, J. *see* Schellenberg, F.M. 2536
Morrow, P., Hebert, R., Lioun Wee Chen The Simcon™ Intelligent Graphical Model Builder 8719
Morrow, R. Theory of electrical corona in SF_6 41729
Morrow, R., Weisser, D.C. Vacuum breakdown mechanisms, and X-ray pulses in accelerators 49043
Morrow, R.K., Jr. Spread-spectrum packet radio using narrowband headers 47521
Morrow, S.L. *see* Wong, G.A. 59987
Mors, P.M. *see* Etgens, V.H. 12756
Mors, W., Shaw, I., van Wyk, J.D. The development of a fuzzy controller for tractive effort of a resistor technology locomotive 51767
Mors, W. *see* Shaw, I.S. 20183
Morse, A.S. *see* Gleeson, H.F. 23591
Morse, A.W. *see* Agarwal, A.K. 42044
Morse, A.W. *see* Clarke, R.C. 1715
Morse, D.H. *see* McGregor, D.S. 37313
Morse, D.H. *see* Van Scyoc, J.M. 7837
Morse, J. *see* Graafsma, H. 7841
Morse, S.F.B. *see* Boehly, T.R. 14059
Morse, S.F.B. *see* Boehly, T.R. 14086
Morse, T. *see* Christie, B. 38531
Morse, T.F. *see* Brown, D.A. 18970
Morse, W. Medical electronics 28398
Morselli, A. *see* Borisyuk, R. 37274
Morshchakov, N.A. Obtaining a stable tooth spacing in spiral stamped magnetic systems [induction motor windings] 60778
Morshuis, P. Unraveling the physics behind partial discharge data 9147
Morshuis, P., Hoogenraad, G. Partial discharge diagnostics for DC equipment 9148
Morshuis, P., Jeroense, M., Beyer, J. Partial discharge. Part XXIV: The analysis of PD in HVDC equipment 43450
Morshuis, P., Niemeyer, L. Measurement and simulation of discharge induced ageing processes in voids 32633
Morshuis, P.H.F. *see* Hoogenraad, G. 36879
Morshuis, P.H.F. *see* Zondervan, J.P. 32740
Morsi, N.N. Note on "normal fuzzy subgroups and fuzzy normal series of finite groups" Fuzzy Sets and Systems 72(1995) 379-383 52388
Morsiani, M. *see* Ambrosini, R. 36301
Morsli, M. *see* Essaidi, H. 12320
Mort, J. *see* Chen, I. 44206
Mortara, A., Landolt, O. Accurate low voltage analogue CMOS timer for mixed-signal integrated circuits 1627
Mortara, A. *see* Maestri, R. 49390
Mortara, A. *see* Pinna, G.D. 49388
Mortara, A. *see* Venier, P. 21852
Mortazawi, A. *see* Rahman, M. 41459
Morten, B., Prudenziati, M., De Cicco, G., Bianco, A., Montesperelli, G., Gusmano, G. Thick-film magnetoresistors and related sensors 36460
Morten, B. *see* Bersani, M. 40671
Mortensen, E.N. *see* Barrett, W.A. 15993
Morthier, G. An accurate rate-equation description for DFB lasers and some interesting solutions 23967
Morthier, G., Baets, R. Trends in modelling of single frequency laser diodes 55725
Morthier, G., Baets, R. Analytical formulation of the spatial hole burning induced distortion in DFB lasers and some implications for CATV laser design 58286
Morthier, G., Verhoeve, P., Baets, R. A simple, but accurate expression for the static and dynamic chirp in DFB lasers 44480
Morthier, G., Verhoeve, P., Baets, R., Schatz, R. Extraction of a large set of laser parameters from different measurements 55648
Morthier, G. *see* Lowery, A.J. 17153
Mortimer, J.T. *see* Grill, W.M. 18494
Mortimore, D.B. Modelling of optical fibre network physical layer performance using a PC/Macintosh based software simulation tool 58347
Mortin, D.E., Braerman, W.F. Computer-aided design and reliability assessment of microelectronic packages 30228
Morton, D., Calderwood, J.H. Electrical conduction at high fields in oil-impregnated paper 43554
Morton, D. *see* Yu, C.C. 47438
Morton, D. *see* Yu, C.C. 47439
Morton, D.C. *see* Lite, K. 13811
Morton, D.E. *see* Edwards, M.J. 36956
Morton, E.J. *see* De Antonis, P. 36834
Morton, K., Thomas, E.W., Walker, N., Marr, J. Subgoal identification and error analysis in problem solving 20472
Morton, K.J. *see* Malow, B.A. 59638
Morton, K.W. *see* Borzi, A. 40278
Morton, P.A., Johnson, J.E., Park, Y.K., Yadvish, R.D., Fullowan, T., Sergent, A.M., Scoirtino, P.F., Jr., Tsang, W.T. High-speed integrated DFB/electroabsorption modulated lasers 16819
Morton, P.A., Shtengel, G.E., Tzeng, L.D., Yadvish, R.D., Tanbun-Ek, T., Logan, R.A. 38.5 km error free transmission at 10 Gbit/s in standard fibre using a low chirp, spectrally filtered, directly modulated 1.55 μm DFB laser 36126

Morton, P.A. *see* Hybertsen, M.S. 33485
Morton, P.A. *see* Wilson, G.C. 13688
Morton, R., Deng, F., Lau, S.S., Xin, S., Furdyna, J.K., Hutchins, J.W., Skromme, B.J., Mayer, J.W. Ion beam mixing in ZnSe/CdZnSe strained layer structures 12442
Morton, R. *see* Adams, D. 42715
Morton, R. *see* Bair, A.E. 42692
Morton, R. *see* Laursen, T. 42619
Morton, R. *see* Zou, Y.L. 42716
Morton, R.D. *see* Put, P.L.M. 43915
Morton, R.G., Fomenkov, I., Partlo, W., Das, P., Sandstrom, R. Design considerations and performance of 1 kHz KrF excimer lasers for DUV lithography 2481
Morton, S. *see* Appleton, S. 41106
Morton, S.V. *see* Appleton, S.S. 53327
Mortreux, P., Prevost, M. An acceleration property of the E-algorithm for alternate sequences 514
Morucci, J.P. *see* Chauveau, N. 18441
Morucci, S., Noirard, P., Grossetie, J.-C. Improvement of Fresnel computer-generated holograms 24283
Morvai, G., Yakowitz, S.J., Algoet, P. Weakly convergent nonparametric forecasting of stationary time series 34498
Morvan, E., Montserrat, J., Godignon, P., Fernandez, J., Flores, D., Locatelli, M.L., Millan, J., Brezeanu, G. Implantation beam angle study for Al implanted in 6H-SiC 42417
Morvan, M. *see* Delevaque, E. 48025
Morvay, D. *see* Biolsi, P. 12797
Morvay, D. *see* Biolsi, P. 32230
Morvillo, M. *see* Palmieri, V. 49140
Morvillo, M. *see* Porcellato, A.M. 49142
Morx, A. *see* Biegelmeier, G. 52111
Mosaddeq-ur-Rahman, M., Miki, T., Krishna, K.M., Soga, T., Igarashi, K., Tanemura, S., Umeno, M. Structural and optical characterization of $Pb_xTi_{1-x}O_2$ film prepared by sol-gel method 20034
Mosberger, D., Peterson, L.L. Making paths explicit in the Scout operating system 15844
Mosca, J.J. *see* Hoke, W.E. 42150
Mosca, R. *see* Coffa, S. 32118
Mosca, R. *see* Gombia, E. 12519
Mosca, R. *see* Rotelli, B. 32357
Moscadelli, L. *see* Massi, M. 48194
Moscato, N. *see* Capparelli, C. 38314
Moscheni, F., Bhattacharjee, S. Robust region merging for spatio-temporal segmentation 56945
Moscheni, F., Dufaux, F., Kunt, M. Object tracking based on temporal and spatial information 25366
Moscheni, F. *see* Dufaux, F. 56959
Moschinskii, Y.A., Bessmerthnikh, N.A. Mathematical model of single-phase induction motor with starting resistance 51013
Moschner, J. *see* Lauinger, T. 39195
Moschytz, G.S. *see* Mirzai, B. 31436
Moschytz, G.S. *see* Reddy, H.C. 4694
Moscicka-Grzesiak, H., Ziomek, W. Verification of role of prebreakdown phenomena in the development of flashover in vacuum 23203
Moscicka-Grzesiak, H. *see* Ziomek, W. 32694
Moscone, C.G. *see* Wintenberg, A.L. 59316
Moscone, D., Bugli, M., Mascini, M., Luzzana, M. In vivo continuous monitoring of glucose with microdialysis and biosensor 59396
Moscony, J.J., Maynard, R.B., Wetzel, C.M., Eshleman, C.C., Saunders, M.H. Optimization of the ferric chloride etching of shadow masks 54006
Moscoso, M. *see* Kastrup, J. 42173
Moscoso, M. *see* Wacker, A. 42172
Moscovitch, M., Emfietzoglou, D. Simulation of radiation effects on three-dimensional computer optical memories 32991
Moseichuk, O.N. *see* Voskoboinikov, Yu.E. 15451
Mosekilde, L. *see* Korstjens, C.M. 49551
Moseley, A.J. *see* Wood, A.K. 40337
Moseley, H., Glegg, M.M., Evans, M.J., Ellis, S., Grant, L.J. Stray RF field strength during radiofrequency endometrial ablation 8190
Moseley, P.T. Solid state gas sensors 48730
Moseley, S.H. *see* Ning Wang 17015
Moselhy, A.M., Fouad, M. Optimum microwave oscillator design using small-signal S-parameters 53601
Mosely, D. A guide to data encryption 56316
Mosely, R. *see* Littau, K.A. 40648
Moser, B. *see* Feng Liu 39706
Moser, B. *see* Klement, E.P. 10311
Moser, D. *see* Owen, M. 11908
Moser, E., Teichtmeister, C., Diemling, M. Reproducibility and postprocessing of gradient-echo functional MRI to improve localization of brain activity in the human visual cortex 37621
Moser, F. *see* Shalem, S. 33045
Moser, H. *see* Amann, H. 32420
Moser, H.O. *see* Molders, N. 52737
Moser, L.E., Melliar-Smith, P.M. Lossless packet switching with small buffers 5732
Moser, L.E. *see* Chen, X. 57908
Moser, M., Gulden, K.H., Epler, J., Schweizer, H.P. High performance deep red AlAs/AlGaAs top-emitting VCSELs grown by MOVPE at high growth rates 44553
Moser, M. *see* Aus der Au, J. 55556
Moser, M. *see* Braun, B. 55569
Moser, M. *see* Fluck, R. 3773
Moser, M. *see* Kiesel, P. 12514
Moser, M. *see* Leising, G. 23691
Moser, M. *see* Tresp, C. 18307
Moser, M.A. *see* Reiley, T.C. 3212
Moses, A. *see* Sievert, J. 23324
Moses, A.J. *see* Basak, A. 23378
Moses, A.J. *see* Nicholson, P.I. 27843
Moses, R. *see* Cedervall, M. 15184
Moses, R.L. *see* Cedervall, M. 15190
Moses, R.L. *see* Cedervall, M. 45760
Moses, R.L. *see* Potter, L.C. 27067
Moses, R.L. *see* Sorelius, J. 45910
Moses, R.L. *see* Ying, C.J. 6899
Moses, R.W., Kelly, R.E., Mack, J.M. Modeling the electromagnetic detection of buried cylindrical conductors 18932
Moses, W.W. *see* Holland, S.E. 48685
Moses, W.W. *see* Shah, K.S. 37556
Moses, W.W. *see* Shah, K.S. 59360
Moshage, W. *see* Wetzig, T. 28361
Moshavi, S. Multi-user detection for DS-CDMA communications 6589
Moshchalkov, V.V. *see* Bruynseraede, Y. 32920
Moshchinskii, Yu.A., Bessmertnkh, N.A., Mamani, N. Mathematical model of single-phase induction motors on the basis of the symmetrical components method 29316
Moshchinskii, Yu.A. *see* Kopylov, I.P. 19735
Moshegov, N.T. *see* Pusep, Y.A. 42127
Mosheiov, G., Raveh, A. On trend estimation of time-series: a simple linear programming approach 21053
Mosher, D. *see* Sanford, T.W.L. 7753
Mosher, J.C., Flynn, E.R., Quinn, A., Weir, A., Shahani, U., Bain, R.J.P., Maas, P., Donaldson, G.B. Fetal magnetocardiography: methods for rapid data reduction 49471
Moshinskii, A.V. *see* Erofeenko, V.T. 4234
Moshnyaga, V.G., Tamaru, K. A floorplan based methodology for data-path synthesis of sub-micron ASICs 2789
Moshnyaga, V.G., Tamaru, K. A placement driven methodology for high-level synthesis of sub-micron ASIC's 13065
Moshtev, R., Zlatilova, P., Manev, V., Tagawa, K. Synthesis of $LiNiO_2$ in air atmosphere: X-ray diffraction characterization and electrochemical investigation 29535
Mosidze, L. *see* Jishiashvili, D. 54281
Mosig, J.R., Alvarez-Melcon, A. Green's functions in layered media: imaginary axis integration and asymptotic behavior 34250
Mosig, J.R. *see* Bokhari, S.A. 4353
Mosig, J.R. *see* Brand, Y. 34147
Mosig, J.R. *see* Brand, Y. 34364
Mosig, J.R. *see* Eleftheriades, G.V. 11739
Mosig, J.R. *see* Eleftheriades, G.V. 34264
Mosig, J.R. *see* Michalski, K.A. 45042
Mosig, J.R. *see* Rius, J.M. 4228
Mosig, J.R. *see* Ruis, J.M. 14552
Moskal, D.N. *see* Romanyuk, B.N. 2328
Moskalenko, V.V. *see* Gornov, A.O. 20100
Moskalenko, Yu., Kravchenko, T., Semernia, V., Chervotok, A., Sharapov, K. Bioengineering support of the cranial osteopathy treatment 59744
Moskalik, A.J. *see* Brei, D. 3010
Moskalik, A.J. *see* Brei, D. 51057
Moskalik, A.P., Carson, P.L., Roubidoux, M.A. 3D tracking and display of mammary ducts 18352
Moskalyuk, V.A. *see* Poplavko, Y.M. 58744
Moske, M. *see* Langelaan, G. 42793
Mosko, M. *see* Kalna, K. 32009
Mosko, M. *see* Vagner, P. 12440
Mosko, M. *see* Vagner, P. 42153
Mosko, S.W. *see* Olsen, D.K. 49153
Moskos, G. *see* Zipp, J. 28937
Moskowitz, H. *see* Tang, J. 20996
Moskowitz, I.S. *see* Kang, M.H. 26107
Moskowitz, P.D. *see* Eberspacher, C. 51588
Moskowitz, P.D. *see* Fthenakis, V.M. 51564
Moskowitzi, M.J. *see* Paulsen, K.D. 8093
Moskvin, V.G., Chernov, V.K., Sharin, A.B. Computer modelling of dynamic processes 25181
Mosleh, A., Smidts, C., Shen, S.-H. Modeling cognition dynamics and its application to human reliability analysis 9079
Mosleh, A. *see* Goldfeiz, E.B. 30111
Mosleh, A. *see* Schade, E. 9012
Mosleh, A. *see* Smidts, C. 38493
Mosleh, A. *see* Song-Hua Shen 38474
Mosleh, A.M. *see* Julius, J.A. 9004
Mosleh, N. *see* Dorsch, W. 10912
Mosley, K., Gumley, P. Determination of safe working 50 Hz AC electrical stresses for ceramics at high temperatures 2982
Mosnier, A. *see* Garvey, T. 49193
Mosquera, A., Cabello, D. The Markov random fields in functional neighbors as a texture model: applications in texture classification 5573
Mosquet, N. *see* Cesarsky, C.J. 36548
Moss, B.S., Boudreaux, R.R., Nelms, R.M. Low temperature operation of a boost converter [for space power] 18684
Moss, D.J., Canning, J., Faith, M., Madden, S., Kemeny, P., Poladian, L., Ladouceur, F., Love, J.D., Poulsen, C.V., Leistiko, O. Ultra-strong UV written gratings in PECVD grown germanosilicate waveguides 55263
Moss, E. *see* Muller-Fiedler, R. 13196
Moss, J.G. *see* Baxter, G.M. 7895
Moss, J.S. *see* Witzman, S. 35558
Moss, M.G. *see* Giedd, R.E. 10964
Moss, M.G. *see* Kaufmann, J. 11751
Moss, M.G. *see* Kaufmann, J. 27564
Moss, R.W. *see* Lee, D.H. 40538
Moss, S., Hancock, E.N. Cartographic matching with millimetre radar images 27048
Moss, S.C. *see* Velazco, R. 21692
Moss, S.E. *see* Senior, J.M. 26862
Moss, S.J., Steele, A.C. Meteorological support for UK Navy operations 38165
Moss, T.A. *see* Andraka, C.E. 29653
Moss, W., Stockton, R. Bearing the pressure [pumped-storage power plant maintenance] 50818
Moss, W.H. Need low cost networking? Consider DeviceNet 16267
Moss, W.H. What is DeviceNet? 47052
Mossavi, K. *see* Wellegehausen, B. 13922
Mossavi, K. *see* Wellegehausen, B. 14293
Mossberg, K. *see* Harnefors, L. 1588
Mossberg, T.W. Spectral memory & other applications of spatial-spectral holography 55176
Mossberg, T.W. *see* Lin, H. 13553
Mossberg, T.W. *see* Wang, T. 3355
Mossberg, T.W. *see* Wang, T. 26728
Mosse, D. *see* Fayman, J.A. 5607
Mosser, A. *see* Seghrouchni, Z. 40492
Mosseri, Y., Brami, E. A methodology for investigating shock-drop behavior of LCDs 17664
Mossi, J.M. *see* Albiol, A. 45865
Mossing, J.C., Tuthill, T.A. Reduced interference distributions for the detection and classification of outside sound source acoustic emissions 25016
Mosso, M.M. *see* Conrado, L.F.M. 47967
Mostafa, M.A., El-Hawary, M.E., Mansour, M.M., El-Naggar, K.M., El-Arabaty, A.M. Performance evaluation of two optimal load shedding policies in electric power systems 50449
Mostafa, M.A., El-Hawary, M.E., Mbamalu, G.A.N., Mansour, M.M., El-Nagar, K.M., El-Arabaty, A.M. A computational comparison of steady state load shedding approaches in electric power systems 50354
Mostafa, M.A., El-Hawary, M.E., Mbamalu, G.A.N., Mansour, M.M., El-Nagar, K.M., El-Arabaty, A.N. Steady-state load shedding schemes: a performance comparison 60206
Mostafa, M.S. Broadband access network reference models: a different perspective 16447
Mostafa Pournejat, P.E., Schiffner, K. Opacity and odor control for hot solder leveling operations 1796
Mostafavi, M. *see* Lee, G. 34451
Mostert, C.-H. *see* Thiel, S. 60844
Mostofi, A., Hatami-Hanza, H., Chu, P.L. Optimum dispersion profile for compression of fundamental solitons in dispersion decreasing fibers 43966
Mostofi, A. *see* Hatami-Hanza, H. 26786
Mostoller, M. *see* Maiti, A. 22212
Mostovoi, V.I. *see* Abalin, S.S. 9042
Moszczynska, A. *see* Krawczynski vel Krawczyk, T. 7447
Moszkowicz, M. *see* Warner, C.L. 50838
Moszynski, M., Wolski, D., Ludziejewski, T., Kapusta, M., Lempicki, A., Brecher, C., Wisniewski, D., Wojtowicz, A.J. Properties of the new LuAP:Ce scintillator 33251
Mota, J.C.M. *see* Cavalcanti, F.R.P. 6456
Mota, W.S., Wilson, W.J. Dynamic state estimation in a multi-machine power system for optimal controller implementation 50458
Mota, W.S. *see* Ribeiro, D.L. 50565
Motamed, A., Changku Hwang, Ismail, M. A programmable low-voltage micropower CMOS input stage architecture 1151
Motamed, A. *see* Changku Hwang 53048
Motamed, A. *see* Hwang, C. 21505
Motamed, C. *see* Vannoorenberghe, P. 25508
Motamedi, M. *see* Hao Ying 28200
Motamedi, M.E., Sangtae Park, Wang, A., Dadkhah, M., Andrews, A.P., Marcy, H.O., Khoshnevisan, M., Chiou, A.E., Huhn, R.J., Sell, C.F., Smits, J.G. Development of micro-electro-mechanical optical scanner 54856
Motamedi, M.E., Tennant, W.E., Sankur, H.O., Melendes, R., Gluck, N.S., Sangtae Park, Arias, J.M., Bajaj, J., Pasko, J.G., McLevige, W.V., Zandian, M., Hall, R.L., Richardson, P.D. Micro-optic integration with focal plane arrays 58848
Motamedi, M.E., Wu, M.C., Pister, K.S.K. Micro-opto-electro-mechanical devices and on-chip optical processing 55476
Motawea, A.M.F. *see* Elkamchouchi, H.M. 53608
Motegi, F., Ogiwara, H. Parallel processing algorithm of variable threshold decoding 45548
Motegi, H. *see* Wakaki, M. 55798
Motero, C. *see* Linares, J. 13642
Mothe, J.de la *see* de la Mothe, J.
Motobe, H., Yoshimitsu, T., Matsumura, M., Misawa, H., Nakamura, Y., Sagara, T. Short curing prepreg for multilayer PWBs 1792
Motoda, T. *see* Shima, A. 55635
Motogaito, A. *see* Udono, H. 12247
Motohashi, M. *see* Ohkubo, T. 22272
Motohira, N. *see* Ota, K. 51503
Motohisa, J., Akabori, M., Hara, S., Ishizaki, J., Ohkuri, K., Fukui, T. Theoretical and experimental investigation of an electron interference device using multiatomic steps on vicinal GaAs surfaces 13048
Motohisa, J. *see* Hara, S. 40482

Motohisa, J. *see* Kumakura, K. 52655
Motoi, N. *see* Ito, M. 50913
Motoishi, A. *see* Iwane, M. 1484
Motojima, K. *see* Sakurai, H. 56010
Motojima, K. *see* Takada, N. 30684
Motojima, O. *see* Tanahashi, S. 60424
Motojima, S. *see* Fujii, M. 10838
Motokawa, M. *see* Miura, S. 4206
Motokawa, M. *see* Watanabe, K. 3301
Motokawa, M. *see* Watanabe, K. 3302
Motokawa, T. *see* Hiyamizu, S. 42109
Motoki, T., Namikawa, T., Yamazaki, Y. Effect of gas permeability of porous LSM cathode on low frequency impedance plots 61076
Motoki, Y. *see* Takenaka, Y. 20853
Motomami, K. *see* Ishii, H. 30686
Motomura, K. *see* Nakamura, N. 46939
Motomura, K. *see* Okuda, H. 60828
Motomura, R. *see* Tanaka, S. 17783
Motomura, T., Ueno, F., Simada, O., Sonoda, Y., Fukuoka, Y. New flip chip attach technology by using silver paste bumps 12025
Motomura, T. *see* Hiranuma, S. 12053
Motooka, T. *see* Harada, S. 12635
Motooka, T. *see* Pietsch, W. 33282
Motooka, T. *see* Yamaguchi, K. 42582
Motori, A., Montanari, G.C., Centurioni, L., Coletti, G. A comparison of analytical and conventional techniques for thermal endurance characterization of cable insulation 19347
Motori, A. *see* Patsch, R. 43532
Motornenko, A.P. *see* Belous, R.I. 58973
Motoshima, K. *see* Nakagawa, J. 16831
Motowidlo, L.R. *see* Wang, J.-Q. 55093
Motoyama, T. *see* Ichikawa, K. 13213
Motoyama, Y. *see* Aikawa, S. 5722
Motoyashiki, Y. *see* Kikuchi, T. 20969
Motoyoshi, K., Tambo, T., Tara, K., Hagio, M. A new low-noise, low-distortion and low-power-consumption variable gain amplifier for digital cellular phones 40928
Motoyoshi, K. *see* Inamori, M. 41524
Motoyoshi, K. *see* Miyanaga, Y. 46487
Motoyoshi, K. *see* Miyanaga, Y. 57066
Motoyoshi, M. *see* Ueshima, M. 1360
Motozu, T. *see* Hirose, K. 51466
Motronyuk, T., Barsukov, I., Barsukov, V., Drozdik, V., Radchenko, O. Metal-free graphite/HBF$_4$/anthraquinone rechargeable batteries 9509
Motronyuk, T. *see* Barsukov, V. 9507
Motrya, S.F. *see* Greznev, Yu.S. 54910
Mott, A.B. *see* Ning Wang 17015
Mott, A.G. *see* Miller, M.J. 24213
Mott, B.J., Wise, K.D. An ACTS mobile receiver simulation 6692
Mott, D. *see* Corr, D. 6934
Mott, D.B. *see* Babu, S.R. 49872
Mott, D.B. *see* Huang, Z.C. 7364
Mott, D.B. *see* Huang, Z.C. 12604
Mott, D.B. *see* Huang, Z.C. 54313
Mott, H. *see* Boerner, W.-M. 26948
Mott, J.S. *see* Macomber, S.H. 55727
Motta, A. *see* Gombia, E. 12519
Motta, L., Dipace, M., Chible, H., Do, G.M., Valle, M., Caviglia, D.D. Circuit simulation of analog VLSI on-chip learning neural networks for industrial applications 31063
Motta, V. *see* Briar, J. 20922
Motte, P.-W.de la *see* de la Motte, P.-W.
Mottel, E.A. *see* Anderson, C.W. 20687
Mottet, S. *see* Briand, D. 12885
Mottier, F.M. *see* Colby, R.S. 29261
Mottier, P. *see* Ollier, E. 48604
Mottier, P. *see* Tong, F. 26751
Mottini, F. End-user requirements for the future 13116
Mottl, V.V., Blinov, A.B., Kostin, A.A. Texture analysis algorithms and their application to seismic data processing 50008
Mottl, V.V., Kopylov, A.V. Algorithms for matching images with raster distortions 34978
Mottl, V.V., Muchnik, I.B., Blinov, A.B., Kopylov, A.V. Hidden tree-like quasi-Markov model and generalized technique for a class of image processing problems 5586
Mottl, V.V., Muchnik, I.B., Blinov, A.B., Kopylov, A.V. A generalized approach to a class of image processing problems based on a treelike quasi-Markov model of neighborhood relation between the grid elements 46289
Mottley, J.G. *see* Xucai Chen 59423
Motto, E.R., Donlon, J.F., Majumdar, G., Hatae, S. A new intelligent power module with microprocessor compatible analog current feedback, control input, and status output signals 39267
Motto, J.W., Jr., Karstaedt, W.H., Sherbondy, J.M., Sr., Leslie, S.G. Thyristor(diode) on-state voltage, the ABCD modeling parameters revisited including isothermal overload and surge current modeling 31097
Mottram, A. *see* Gys, L. 6298
Motulla, G. *see* Aschenbrenner, R. 30260
Motulla, G. *see* Ostmann, A. 22085
Motyl, E. The measurements of piezoelectric properties of the lead zirconate titanate/polystyrene composites for thick transducers of acoustic waves 43506
Motyl, E., Kacprzyk, R. On the electrical conduction in polyimide 54977
Motzer, M.R. *see* Berroth, M. 36182
Mou, Z.J.A., Rice, D.S., Wei Ding VIS-based native video processing on UltraSPARC 57113
Mou Chengyu *see* Ma Wanliang 53734
Mou Chengyu *see* Zhang Shengbin 57845
Mou-Shiung Lin *see* Li-Shuenn Wang 42323
Mou-Yan Zou *see* Zou Mou-Yan
Mouanda, B. *see* Sentein, C. 42889
Mouche, L., Meuris, M., Heynes, M.M., Zahka, J. Investigating the photoresist filtration performance of UPE and PTFE filters 32328
Mouche, L. *see* Teerlinck, I. 42561
Mouchegh, J. High efficiency light emitting diodes (LEDs) using InGaAlP 3639
Mouchegh, J. Mobility: ADCs for portable measuring instruments 7234
Mouchel, D., Wordel, R. A low-energy HPGe detector dedicated to radioactivity measurements far below environmental levels 18108
Mouchel, D. *see* Quintana, B. 18105
Mouchel, D. *see* Wordel, R. 18155
Mouchot, M. *see* Parra, G.A. 8541
Moudjahed, M., Kauffmann, J.M. Simulation of power system stability by using superconducting magnet energy storage 28728
Mouftah, H. *see* Zhang, H. 25861
Mouftah, H.T. *see* Ali, I.A. 16029
Mouftah, H.T. *see* Ali, I.A. 46833
Mouftah, H.T. *see* Kubbar, O. 16030
Mouftah, H.T. *see* Toloo, M. 47820
Mouftah, H.T. *see* Wang, J. 16031
Mouftah, H.T. *see* Zhu, Z. 46802
Mouftah, H.T. *(editor)* 18th Biennial Symposium on Communication. Symposium Proceedings 39556
Mougenot, P. *see* Bruzek, C.E. 55102
Moughabghab, R. Fully balanced tunable GaAs MESFET transconductor-C 31416
Moughamir, S. *see* Zaytoon, J. 59741
Moughton, J. *see* Cosmas, J. 26243
Mouillet, A. *see* Dami, M.A. 9144
Mouis, M. *see* Le Tron, B. 54604
Moujoud, A. *see* Sokolovskii, G.S. 44232
Moukarika, A., Papaefthymiou, V., Bakas, T., Psycharis, V., Niarchos, D. X-ray and Moessbauer studies of Sm-Fe-Nb(Zr) (2:17:2) alloys and their nitrides 32803
Moukwa, M. *see* Kale, V. 24330
Mould, J., Jr. *see* Wojcik, G. 28420
Moulder, J.C. *see* Cheng-Chi Tai 997
Moule, D. *see* Day, S. 26930
Moulin, D. *see* Behet, M. 10690
Moulin, D. *see* Tuemmler, J. 52668
Moulin, F. *see* Amiranoff, F. 17898
Moulin, P. Signal estimation using adapted tree-structured bases and the MDL principle 34918
Moulin, P., Anitescu, M., Kortanek, K.O., Potra, F. Design of signal-adapted FIR paraunitary filter banks 15306
Moulin, P., Ramchandran, K., Pavlovic, V. Transform image coding based on joint adaptation of filter banks and tree structures 57250
Moulin, P. *see* Krishnamurthy, R. 57027
Moulin, S., Fischer, A., Dedieu, G. Assimilation of shortwave remote sensing observations within an agrometeorological model–Crop production estimation 8564
Moulinard, M.L. *see* Favre, F. 47899
Moulinard, M.L. *see* Favre, F. 47963
Moulines, E., Cardoso, J.F., Gorokhov, A., Loubaton, P. Subspace methods for blind identification of SIMO-FIR systems 25013
Moulines, E. *see* Abed-Meraim, K. 25000
Moulines, E. *see* Abed-Meraim, K. 34855
Moulines, E. *see* Abed-Meraim, K. 45748
Moulines, E. *see* Abed-Meraim, K. 56536
Moulines, E. *see* Belouchrani, A. 34788
Moulines, E. *see* Gorokhov, A. 25816
Moulinier, L. *see* Charraut, D. 46031
Mouloua, M. *see* Parasuraman, R. 49849
Moult, J. *see* Rouquette, P. 53621
Moulthrop, A.A. *see* Clark, C.J. 27856
Moulthrop, A.A. *see* Clark, C.J. 36856
Moulton, M.E. *see* Moulton, R.T. 6013
Moulton, R.T., Moulton, M.E. Electronic communications risk management: a checklist for business managers 6013
Moulu, J. *see* Aubin, G. 6852
Mouly, M.C.C., Subbaiah, P.V., Lakshmi, T.S. Role of width modulated contours for serration profiles of CATR reflectors 4369
Mouly, M.C.Chandra *see* Chandra Mouly, M.C.
Mouly, V.Suchitra *see* Suchitra Mouly, V.
Moundanos, D., Abraham, J.A., Heskote, Y.V. A unified framework for design validation and manufacturing test 32507
Moung Ho Lee, Yong Il Jun, Byoung Yoon Cheon, Kwon Chul Park, Chang Hwan Oh Analysis of crosstalk of complicated striplines in a FR-4 multilayer PCB 41596
Mounier, H., Rouchon, P., Rudolph, J. π-freeness of a long electric line 56083
Mount-Learn Wu, Ping-Lin Fan, Ching-Ting Lee Completely adiabatic S-shaped bent tapers in optical waveguides 24534
Mount-Learn Wu, Ping-Lin Fan, Jui-Ming Hsu, Ching-Ting Lee Design of ideal structures for lossless bends in optical waveguides by conformal mapping 3426
Mount-Learn Wu *see* Ching-Ting Lee 33076
Mount-Learn Wu *see* Jui-Ming Hsu 34150
Mountain, R.W. *see* Reich, R.K. 36661
Mountstephens, R. *see* Vonwiller, J. 56364
Mountziaris, T.J. *see* Ingle, N.K. 911
Mountziaris, T.J. *see* Peck, J. 42047
Mountziaris, T.J. *see* Theodoropoulos, C. 40325
Moura, J.M.F. *see* Aguiar, P.M.Q. 56765
Moura, J.M.F. *see* Benno, S.A. 45863
Moura, J.M.F. *see* Chuang He 24953
Moura, J.M.F. *see* He, C. 25068
Moura, J.M.F. *see* Jasinschi, R.S. 15900
Moura, J.M.F. *see* Martins, F.C.M. 56856
Moura, L. *see* Gutierrez, M.A. 49444
Moura, M.F.S.F.De *see* De Moura, M.F.S.F.
Mourad, P.D. Inferring multiscale structure in atmospheric turbulence using satellite-based synthetic aperture radar imagery 8467
Mourad, S. *see* Haydt, M.S. 1211
Mourad, S.A. *see* Badawi, H.S. 650
Mouradian, L.Kh., Papazian, T.A., Ohanian, A.A., Margarian, N.L., Harutunian, I.G. A technique of pico-femtosecond scale temporal measurements 17848
Moure, C. *see* Noheda, B. 23172
Mourente, J. *see* de Lima, A.C.S. 9756
Mourey, M. *see* Besson, R.J. 13373
Mourey, M. *see* Besson, R.J. 31128
Mourgues, K. *see* Raoult, F. 9913
Mourgues, S. *see* Jensen, F. 33982
Mourjopoulos, J. *see* Tsoukalas, D. 56372
Mourjopoulos, J. *see* Tsoukalas, D.E. 48266
Mourlas, N.J. *see* Yasseen, A.A. 42507
Mourokh, L.G., Zheltov, S.N. Nonlinear transport and fluctuations in polar semiconductors 22191
Mourou, G. Laser for wakefield plasma accelerator 17886
Mourou, G. *see* Braun, A. 3804
Mourou, G. *see* Liu, X. 24316
Mourou, G. *see* Maksimchuk, A. 28054
Mouroux, A., Palmans, R., Keinonen, J., Zhang, S.-L., Maex, K., Petersson, S. Impact of rapid thermal annealing of Ti-TiN bilayers on subsequent chemical vapor deposition of tungsten 42677
Mouroux, A., Zhang, S.-L., Kaplan, W., Nygren, S., Ostling, M., Petersson, C.S. Interdiffusion and phase formation during thermal annealing of Ti/Mo bilayers on Si substrates 42690
Mouroux, A. *see* Melquiond, F. 7541
Mourrain, B. *see* Bonnecaze, A. 56321
Mourrain, B. *see* Comon, P. 4769
Mourtos, N.J. A model of learning as it applies to engineering 20692
Mously, M.K.El *see* El Mously, M.K.
Moussa, I., Lassen, P.S. GaAs VLSI implementation of a 2.5 Gb/s ATM label translator 35879
Moussa, M. *see* McIntosh, F.G. 21274
Moussa, M. *see* Roberts, J.C. 10794
Moussavi, M. A logical approach to logic design 20672
Moussavi, M. Cooperative learning in engineering education 20709
Moussay, P. *see* Petit, G. 27372
Mousseaux, E. *see* Sebbahi, A. 59486
Mousseigne, M. *see* Severac, H. 11018
Moussessian, A. *see* De Lisio, M.P. 11736
Moustafa, H. *see* El Razaz, Z. 19077
Moustafa, M.S. Optimal assignment policy of a single server attended by two queues 10251
Moustafa, Y.G., Amer, A.H., Mansour, M.M., Temraz, H.K., Madkour, M.A. An artificial neural network for optimum topology in distribution expansion planning 19297
Moustafa, Y.M. *see* Gohar, I.A. 41996
Moustaizis, S.D. *see* Papadogiannis, N.A. 55819
Moustakas, T.D. Epitaxial growth of GaN films produced by ECR-assisted MBE 21260
Moustakas, T.D. *see* Herzog, W.D. 42128
Moustakas, T.D. *see* Katsikini, M. 22219
Moustakas, T.D. *see* Korakakis, D. 21265
Moustakas, T.D. *see* Romano, L.T. 52726
Moustakas, T.D. *see* Singh, R. 21267
Moustakas, T.D. *see* Singh, R. 40386
Moustakides, G.V. Performance of the forgetting factor RLS during the transient phase 45908
Moustier, C.de *see* de Moustier, C.
Mouthaan, T. *see* Dima, G. 42959
Mouthuy, T., Rozanov, A., Vacavant, L. b-tagging at LHC 59241
Mouthuy, T. *see* Arrighi, C. 7816
Mouthuy, T. *see* Becks, K.H. 59228
Moutinho, H. *see* Albin, D. 40548
Moutinho, H.R., Dhere, R.G., Ramanathan, K., Sheldon, P., Kazmerski, L.L. Growth analysis of cadmium sulfide thin films by atomic force microscopy 30870
Moutinho, H.R. *see* Miranda, F.A. 54923
Mouton, A. *see* L'Ecuyer, J. 37565
Mouton, B. *see* Devanz, G. 49192
Mouton, B. *see* Garvey, T. 49193
Mouton, O., Thobel, J.L., Fauquembergue, R. Monte Carlo simulation of high field electron transport in GaAs using an analytical band-structure model 41927
Mouton, P. *see* Liboutet, J.M. 11821
Mouton, R. OSP technology improvements [PCB solderability] 53792
Mouttet, A. *see* Fulbert, L. 4161
Mouyan Zou *see* Zou Mouyan
Movahhedinia, N., Stamatelos, G., Hafez, N.M. Non-uniform polling and reservation alternatives

for bandwidth management in broadband wireless networks 47554
Movilla, J.M. *see* Martinez-Herrero, R. 55777
Movshovich, R. *see* Yurke, B. 3290
Movtchan, I. *see* Marine, W. 10900
Mow, M.A., Kahn, M.F. A two-sensor digital power inversion array 4886
Mow, M.A. *see* Kahn, M.F. 4867
Mow Wai Ho *see* Wai Ho Mow
Mowatt, L.G. *see* Smith, K.S. 29818
Mowbray, A. *see* Laczik, Z. 31822
Mowbray, D.J. *see* Steer, M.J. 32010
Mowbray, D.J. *see* Tribe, W.R. 41901
Mowbray, D.J. *see* Wilson, L.R. 42110
Mowcheng Lee, Bao-Shuh P. Lin, Chen, C.Y.R. MMBP$^{[x]}$/G/1 queues and their application to the approximation of the performance of ATM switches 46617
Mowcheng Lee, Lin, B.-S.P., Chen, C.Y.R. Discrete-time limited 1-slot G/G/1 vacation queues and asymmetric polling systems 5828
Mowry, G. *see* Leger, J.R. 14211
Moy, A.M., Chen, A.C., Cheng, K.Y., Chou, L.J., Hsieh, K.C., Tu, C.-W. Visible wavelength (6470 Å) $Ga_xIn_{1-x}P/GaAs_{0.66}P_{0.34}$ quantum wire heterostructures 3634
Moy, D. *see* Chunming Niu 41537
Moy, J.P., Hammersley, A.P., Svensson, S.O., Thompson, A., Brown, K., Claustre, L., Gonzalez, A., McSweeney, S. A novel technique for accurate intensity calibration of area X-ray detectors at almost arbitrary energy 7840
Moy, L. *see* Shah, K.S. 59360
Moy, L.P. *see* Shah, K.S. 37339
Moy, L.P. *see* Shah, K.S. 37556
Moya, F. *see* Moya-Gontier, E.G. 32627
Moya, G., Sami, A., Moya-Siesse, D. Application of microcalorimetric technique for studying the change of specific heat after charge in dielectrics 32613
Moya, O. Power system computer controlled load shedding 28804
Moya-Gontier, E.G., Moya, F., Si Ahmed, A., Bigarre, J., Juve, D., Jardin, C. Standards for space charge characterization techniques 32627
Moya-Siesse, D. *see* Moya, G. 32613
Moyama, K., Fukumoto, H. Evaluation of railgun inductance by 2-D transient FE analysis 24429
Moyer, G.C., Clements, M., Lui, W., Schaffer, T., Cavin, R.K., III. The delay vernier pattern generation technique 40943
Moyer, J. *see* Sowin, D. 38882
Moyer, L.K., Gupta, S.M. SMT feeder slot assignment for predetermined component placement paths 41619
Moyer, S.L., Flinchbaugh, G.D. The broadband service controller–a control system for interactive video networks 48238
Moyes, A. *see* Leslie, A.S. 19603
Moyes, A. *see* McDonald, J.R. 38212
Moylan, C.R., McComb, I.-H., Twieg, R.J., Wortmann, R. Characterization of photochromic and photorefractive chromophores 55936
Moylan, G.R. *see* Lundquist, P.M. 23446
Moylan, P.J. *see* Yuming Liu 5715
Moyne, J. *see* Boning, D.S. 42492
Moyne, J.R. *see* Zhe Ning 30184
Moyne, W.P. *see* Boning, D.S. 42492
Moynihan, G.P., Sunkara, R., Nichols, W.G. An examination of alternative simulation approaches for the planning of electronic systems test in an aerospace environment 49927
Moyoshi, M., Yukoyama, K., Watanabe, Y., Takata, K. Analysis of heart rate variability using the response function estimating from the auto-regressive model 59721
Moysan, J. *see* Gueudre, C. 46040
Moyssidis, M.A. *see* Cottis, P.G. 33971
Moyzhes, B. Possible ways for efficiency improvement of thermoelectric materials 30957
Moyzhes, B.Ya. The minimum collector work function and the possibility of the existence of negative Cs ions on the collector surface [thermionic conversion] 20072
Moyzhes, B.Ya., Fitzpatrick, G.O. Maximum thermionic energy conversion efficiency based on the thermodynamics of irreversible processes 20076
Mozef, E., Weber, S., Jaber, J., Prieur, G. Parallel architecture dedicated to image component labelling in O(n log n): FPGA implementation 34991
Mozef, E., Weber, S., Jaber, J., Tisserand, E. Design of Linear Array Processors with Content-Addressable Memory for intermediate level vision 25569
Mozelev, A. High-voltage electrical discharges and insulation in vacuum at the minimising volumes 28009
Mozelle, G., Seghier, A., Preteux, F. Segmentation-based wavelet transform for still-image compression 15934
Mozerov, N. *see* Silvennoinen, R. 44829
Mozgovoy, A.G. A new method of obtaining high-temperature plasma 29659
Mozina, C.J. Refurbishing generator protection using digital technology 19675
Mozina, C.J. Upgrading the protection of industrial-sized generators using digital technology 38685
Mozley, P.D., Stubbs, J.B., Hee-Joung Kim, McElgin, W., Mei-Ping Kung, Meegalla, S., Kung, H.F. Dosimetry of an iodine-123-labeled tropane to image dopamine transporters 37908
Mozolevskii, I.E. *see* Komarov, F.F. 54335
Mozuelos, R. *see* Olbrich, T. 11534
Mozume, T. *see* Kondow, M. 30833
Mpanda-Mabwe, B., Crappe, M., Trecat, J., Renglet, M., Delfino, B., Denegri, G.B., Invernizzi, M. Simulation and control technique of FACTS 50513
Mrabet, R. *see* Cohen, A. 46748
Mrad, F., Souvalian, V. Experimental fuzzy logic control for unmodeled industrial processes 39456
M'Raihi, D. Cost-effective payment schemes with privacy regulation 4566
Mrig, L. *see* Kroposki, B. 39177
Mroginski, M.A. *see* Ulrich, C. 22283
Mrowka, R., Schluter, B., Gerhardt, D., Patzak, A. Heart rate control in infants at high risk for sudden infant death syndrome (SIDS) 37782
Mroz, W., Parys, P., Wolowski, J., Woryna, E., Laska, L., Masek, K., Rohlena, K., Collier, J., Haseroth, H., Kugler, H., Langbein, K.L., Shamaev, O.B., Sharkov, B.Yu., Shumshurov, A.V. Experimental investigations of multicharged ion fluxes from laser-produced plasmas 59182
Mrozek, M. Rigorous error analysis of numerical algorithms via symbolic computations 30546
Mroziewicz, B., Litkowiec, A., Szymanski, M. Novel broad-area diode lasers with lateral mode control 3813
Mroziewicz, B. *see* Szymanski, M. 55722
Mroziewicz, B. *see* Tkaczyk, T. 22575
Mrozowski, M. *see* Okoniewaki, M. 52586
Mrozowski, M. *see* Okoniewski, M. 24544
Mrozynski, G. Transient field in a multi winding transformer 38800
Mrsic-Flogel, J. Temporal sequence identification and tracking 56360
Mrstik, B. *see* Brady, F.T. 22844
Mrstik, B.J. *see* Anc, M.J. 12595
Mrstik, B.J. *see* Lawrence, R.K. 12593
Mrstik, B.J. *see* Lawrence, R.K. 22475
Mruzek, M.T. *see* Obasih, K.M. 49472
Mrvic, J. *see* Zdravkovic, Z. 19815
Mrvic, J.D. *see* Vukelja, P.I. 19345
M'Saad, H. *see* Bakli, M. 42731
Msaki, P. *see* Bentourkia, M. 49490
M'Sirdi, N.K. *see* Cadiou, J.-C. 60967
Mu, A., Chia, B., Kondapalli, S., Koo, C., Larson, J., Luong Nguyen, Sastry, R., Satsukawa, Y., Hsi-Ching Shih, Wicki, T., Wu, C., Kenan Yu, Xiaoyang Zhang A 285 MHz 6-port plesiochronous router chip with non-blocking cross-bar switch 6415
Mu, R. *see* Henderson, D.O. 42126
Mu, R. *see* Ueda, A. 12666
Mu, Y., Varadharajan, V. On the design of security protocols for mobile communications 26629
Mu, Y., Zheng, Y. An alternative model of quantum key agreement via photon coupling 24776
Mu Chiao *see* Liwei Lin 32569
Mu Da-Cai *see* Da-Cai Mu
Mu Der Jeng, Chengche Feng, Shih Wei Chou Modeling and analysis of the photo area in an IC manufacturing system 22929
Mu Der Jeng, Mao Yu Peng Generating minimal siphons and traps for Petri nets 21081
Mu Gang *see* Ai Xin 60242
Mu Guo-Guang *see* Guo-Guang Mu
Mu Guoguang *see* Guoguang Mu
Mu Haicuan *see* Haicuan Mu
Mu Huaping *see* Zhang Zhengsong 29230
Mu Jian *see* Jian Mu
Mu Xiao-Chun *see* Xiao-Chun Mu
Mu Xiao-Dong, Shao Zong-Shu, Zhang Heng-Li, Kong Qing-Yu, Jiang Min-Hua Blue and violet Cerenkov second harmonic generation of laser diodes in proton exchanged $MgO:LiNbO_3$ optical waveguide 43989
Mu Xiao-Dong *see* Zhang Liang-Min 33674
Mu Xiao-Dong *see* Zhang Liang-Min 55850
Mu Xiaodong *see* Xiaodong Mu
Mu Xinhua The digital simulation of the reliability of complex electrical system 38206
Mu Yao-Ming *see* Yao-Ming Mu
Mu-Chun Su A speaking aid using neural networks for the deaf 18542
Mu-Chun Su *see* Ching-Tang Hsieh 15024
Mu-Gyeom Kim, Jeen Hur, Sung-Chul Shin Design and fabrication of a high-performance vibrator for a highly sensitive vibrating sample magnetometer 17292
Mu-King Tsay, Jen-Fa Huang, Wei Ping Chang-Chung Image compression using VQ and fuzzy classified algorithm 25343
Mu-Piao Shih, Lir-Fang Sun, Duei Tsai, Shyue-Ching Lu Development of personal communications services for Taiwan areas 58208
Mu-Sheng Lin *see* Dar-Chin Rau 47378
Mu-Shiang Wu *see* Wen-Ching Shih 32668
Mu-Shiang Wu *see* Wen-Ching Shih 32670
Mu-Shiang Wu *see* Wen-Ching Shih 32680
Mu-Yen Chen, Jung-Jae Chao Radar image denoising by recursive thresholding 58425
Mu-Zhong Wang *see* Siu-Wai Mok 56358
Mualem, L. *see* Allison, W.W.M. 37269
Mubata, C. *see* Thompson, V. 59763
Mucchino, C. *see* Carra, S. 10639
Mucci, P.E.R. *see* Hearn, G.I. 33845
Muccifora, V. *see* Rossi, P. 18092
Muccillo, R., Cerri, J.A., Leite, E.R., Longo, E., Varela, J.A. Impedance spectroscopy of SnO_2:CoO during sintering 21223
Muccioli, J.P., North, T.M., Slattery, K.P. Investigation of the theoretical basis for using a 1 GHz TEM cell to evaluate the radiated emissions from integrated circuits 43200
Mucha, J. *see* Otterstedt, J. 21740
Muchaier, M. *see* Kegel, R. 19369
Muchnik, I.B. *see* Mottl, V.V. 5586
Muchnik, I.B. *see* Mottl, V.V. 46289
Muchnoi, N.Yu. *see* Aulchenko, V.M. 37243
Muchnoi, N.Yu. *see* Aulchenko, V.M. 37247
Muchnoj, N.Yu. *see* Aulchenko, V.M. 37214
Muciek, A. Digital impedance bridge based on a two-phase generator 27778
Muck, M. Practical aspects for SQUID applications 55116
Muck, M. *see* Nichols, D.G. 3283
Muck, M. *see* Schone, S. 32917
Muckenheim, J. *see* Iversen, K. 47445
Muckenheim, J. *see* Iversen, K. 47998
Mucko, J., Greczko, E. Quasi-resonant buck converter–possible topologies, similarities and differences 9395
Mudawar, I. *see* Estes, K.A. 30308
Mudawar, I. *see* Johns, M.E. 28568
Mudawar, I. *see* Johns, M.E. 38152
Mudawwar, M.F. Multicode: a truly multilingual approach to text encoding 56286
Muddle, B.C. *see* Nie, J.F. 30954
Muddu, S., Chiussi, F.M., Tryfonas, C., Kumar, V.P. Max-min rate control algorithm for available bit rate service in ATM networks 5717
Muddu, S. *see* Kahng, A.B. 4308
Muddu, S. *see* Kahng, A.B. 4309
Muddu, S. *see* Kahng, A.B. 11084
Muddu, S. *see* Kahng, A.B. 53101
Muddu, S. *see* Kahng, A.B. 56074
Mudge, T. *see* Van Campenhout, D. 11347
Mudge, T.N. *see* Brown, R.B. 41214
Mudge, T.N. *see* Chen, I.-C.K. 4453
Mudge, T.N. *see* Jacob, B.L. 1347
Mudra, I. *see* Kocsis, Z. 31661
Mudrolubov, V.G. *see* Svistunov, Yu.A. 49215
Mudroncik, D. *see* Vesely, V. 60274
Mudrov, A. *see* Meshcheryakov, V. 45312
Mudrov, M. *see* Daskalov, I. 28370
Mudunuri, M.K., Schoenwald, D.A. Analysis of sliding-mode and PWM control for a DC motor 9262
Muehe, A. *see* Geng, C. 40459
Muehlbauer, M., Daniel, H., Hartmann, F.J., Hauser, P., Kottmann, F., Maierl, C., Markushin, V., Petitjean, C., Schott, W., Taqqu, D., Wojciechowski, P. Frictional cooling: latest experimental results and first application 17970
Muehlberg, M. *see* Burianek, M. 10597
Muehleman, K. *see* Leung, E.M.W. 60439
Muehlner, D.J. *see* Weyl-Kuo Wang 43999
Muellen, K. *see* Paul, S. 32343
Mueller, A. Two independently tunable distributed feedback dye lasers pumped by a single picosecond Nd:YAG laser 13980
Mueller, A. *see* Baudis, L. 49327
Mueller, A. *see* Strobl, P. 18799
Mueller, B.H. *see* Bahr, D. 10818
Mueller, C. *see* Harkness, S.D., IV 43477
Mueller, C.H. *see* Miranda, F.A. 54923
Mueller, C.H. *see* Sabataitis, J.C. 41407
Mueller, C.H. *see* Winters, M.D. 43750
Mueller, E. *see* Fettig, R. 36585
Mueller, G. *see* Abe, K. 37234
Mueller, G. *see* Amon, J. 10640
Mueller, G. *see* Baumgartl, J. 30718
Mueller, G. *see* Friedrich, J. 10656
Mueller, G. *see* Jung, T. 30722
Mueller, G. *see* Mueller, M. 10638
Mueller, G. *see* Seidl, A. 10646
Mueller, G. *see* Tsai, W. 2334
Mueller, G. *see* Tschepe, J. 33004
Mueller, G.O., Mueller-Mach, R., Alinsog, E., Lee, H., Harrison, D. Microcavity effects in thin film electroluminescence 13857
Mueller, G.O. *see* Mueller-Mach, R. 13858
Mueller, H. *see* Czarske, J.W. 36967
Mueller, J. *see* Reindl, T. 10914
Mueller, J.H. *see* Bettermann, D. 7138
Mueller, K., Yagel, R., Cornhill, J.F. The weighted-distance scheme: a globally optimizing projection ordering method for ART 49550
Mueller, K.-H., Dunlop, J.B., Handstein, A., Gebel, B., Wendhausen, P.A.P. Permanent magnet properties of $Sm_3(Fe_{0.93}Ti_{0.07})_{29}X_y$ (X=C or N) 3051
Mueller, K.-H. *see* Cao, L. 3135
Mueller, K.-H. *see* Dempsey, N.M. 3137
Mueller, K.-H. *see* Eckert, D. 3134
Mueller, K.-H. *see* Hinz, D. 3113
Mueller, M. Myth made law [universal service and the Telecommunications Act] 52066
Mueller, M., Gaertner, G., Hirt, G., Jurisch, M., Koehler, A., Mueller, G., Weinert, B. Control of oxygen in undoped liquid encapsulation Czochralski GaAs 10638
Mueller, M., Grahl, H., Mattern, N., Kuehn, U., Schnell, B. The influence of Co on the structure and magnetic properties of nanocrystalline FeSiB-CuNb and FeZrBCu-based alloys 23310

Mueller, M., Mattern, N., Kuehn, U. Correlation between magnetic and structural properties of nanocrystalline soft magnetic alloys 3083
Mueller, M., Nour Eldin, H.A. Extraction of 3-D planar surfaces of a priori known objects with structured light using cone sections 46508
Mueller, M. *see* Laeri, F.G. 3757
Mueller, M. *see* Protzmann, H. 40340
Mueller, M. *see* Thomas, B. 54132
Mueller, M.A. *see* Baholo, B. 9239
Mueller, M.R. *see* Anderson, C.W. 20687
Mueller, N. *see* Krawczynski, H. 37287
Mueller, O. Properties of high-power Cryo-MOSFETs 32399
Mueller, P., van der Spiegel, J., Blackman, D., Donham, C., Etienne-Cummings, R. A programmable analog neural computer with applications to speech recognition 34707
Mueller, P. *see* Etienne-Cummings, R. 25554
Mueller, P. *see* Etienne-Cummings, R. 58670
Mueller, P. *see* Wendler, E. 12237
Mueller, P.E. *see* Olsen, D.K. 49153
Mueller, R. Three-dimensional (3-D) image reconstruction from series of light-microscopic exposures 46109
Mueller, R. *see* Lu, P. 37739
Mueller, R. *see* Por, P.T. 13466
Mueller, R.D. *see* Narayanan, R.M. 26941
Mueller, R.L., Burger, D.R. Solar array passive functional tests 38008
Mueller, R.L. *see* Burger, D.R. 37993
Mueller, R.O. *see* Gronowski, P.E. 1444
Mueller, R.W. *see* Spiller, P. 59153
Mueller, W. *see* Clauss, W. 54047
Mueller-Gerking, J. *see* Pezard, L. 37767
Mueller-Mach, R., Mueller, G.O., Alinsog, E., Helbing, R. High luminance from thin film electroluminescence devices 13858
Mueller-Mach, R. *see* Mueller, G.O. 13857
Muendel, M.H. Optimal inner cladding shapes for double-clad fiber lasers 13996
Muenzer, H., Rohrer, L., Carli, W., Hartung, P., Schnitter, H., Trinks, U. Recent improvements and present status of the Munich accelerator facility 49137
Muff, M. *see* Schelert, J. 49611
Mufit Ulug, A. *see* Amari, S. 49466
Mufti, A. *see* Abdel-Salam, M. 50526
Mufti, A. *see* Al-Hamouz, Z. 38387
Mufti, A.H., Arafa, A.O. Conduction current-stress characteristics of mineral oil under the effect of electronegative dissolved gases 23235
Mufti, A.H., Malik, N.H. Pulsative corona from free spherical conducting particles in SF_6/gas mixtures 13309
Mugarra, F. *see* Dusza, J. 31149
Mugarra-Gonzalez, C.F. *see* Dusza, J.J. 1280
Mugenski, E. *see* Savin, D.P. 1977
Muggli, P. *see* Lai, C.H. 12084
Mughal, A. *see* Saqib, N. 38492
Mughal, G.R. The technology and applications of solar cells 9556
Mughal, G.R., Shaikh, G.H., Khan, N.A. The influence of substrate reverse biasing on the drain current-voltage characteristics of gold-doped and nongold-doped MOS transistors 2615
Mugherli, V.J. *see* Azcarate, I.N. 37409
Mugino, A., Yamamoto, T., Omatsu, T., Gubin, M.A., Morinaga, A., Takeuchi, N. High sensitive detection of trace gases using optical heterodyne method with a high finesse intra-cavity resonator 8523
Mugnai, D. *see* Ranfagni, A. 24471
Mugnier, J. *see* Mignotte, C. 33085
Muh-Rong Yang, GinKou Ma Universal packet time slot–a new paradigm of designing an ATM switch 58065
Muh-Tain Shiue *see* Chorng-Kuang Wang 16438
Muha, M.S. *see* Clark, C.J. 27856
Muha, M.S. *see* Clark, C.J. 36856
Muhamed, R., Rappaport, T.S. Comparison of conventional subspace based DOA estimation algorithms with those employing property-restoral techniques: simulation and measurements 45898
Muhammad, F.A. *see* Al-Raweshidy, H.S. 16625
Muhammad, K., Letaief, K.B., Roy, K. Efficient simulation of coded DS/CDMA over wireless personal communication channels 47647
Muhe, A. *see* Burkard, M. 42062
Muhieddine, A.A. *see* Bowron, P. 31368
Muhiyaddin, A., Alnuweiri, H.M. Design of a jitter control system for ATM networks 46655
Muhle, C., Brossmann, J., Heller, M. Kinematic MRI of the knee using a specially designed positioning device 7882
Muhle, C. *see* Barth, W. 37120
Muhle, C. *see* Spadtke, P. 37204
Muhlethaler, P. *see* Jacquet, P. 27170
Muhlethaler, P. *see* Jacquet, P. 47077
Muhlethaler, P. *see* Jacquet, P. 47080
Muhlethaler, P. *see* Jacquet, P. 47081
Muhlfelder, B. *see* Buchman, S. 7545
Muhlhofer, A. CRC in RF transmission 24665
Muhll, R.Von Der *see* Von Der Muhll, R.
Mui, R., Mello-Robinett, R., Mentley, D. To test or not to test examining inspection costs for flat panel production 17662
Mui, R. *see* Henley, F.J. 17663
Muijtjens, A.M.M., Roos, J.M.A., Arts, T., Hasman, A., Reneman, R.S. Tracking markers with missing data by lower rank approximation 18320
Muir, A., Garcia-Luna-Aceves, J.J. Supporting real-time multimedia traffic in a wireless LAN 46738
Muir, R.A. *see* Johnson, G.E. 14876
Muiras, J.M. *see* Couderc, D. 38358
Muirhead, A.G. *see* Kibedi, T. 49148
Mujat, M. *see* Iftimia, N. 58454
Mujica, A. *see* Rodriguez-Hernandez, P. 22247
Mujica, F., Leduc, J.-P., Smith, M.J.T., Murenzi, R. Spatio-temporal continuous wavelets applied to missile warhead detection and tracking 60160
Mukae, K. Electrical properties of grain boundaries in ceramic semiconductors 31735
Mukae, K., Tsuda, K., Tanaka, A. Double Schottky barrier at grain boundary in ceramic semiconductors 2228
Mukae, K., Tsuda, K., Tanaka, A. Effects of double Schottky barrier on the electric properties of ceramic semiconductors [varistors & thermistors] 22433
Mukae, K. *see* Nakajima, M. 9428
Mukaeda, S., Hasegawa, K., Handa, K., Sato, Y., Kanai, H., Yamasita, Y. Newly developed relaxor-based Y5V MLCs with 10 μF in EIA 1210 size 11775
Mukaeda, S. *see* Harada, K. 11753
Mukaeda, S. *see* Kanai, H. 933
Mukai, E. *see* Tsukiji, H. 29204
Mukai, H. *see* Lockman, D. 40103
Mukai, H. *see* Sawada, S. 31845
Mukai, H. *see* Taki, K. 27433
Mukai, K., Ohtsuka, N., Shoji, H., Sugawara, M. Growth and optical evaluation of InGaAs/GaAs quantum dots self-formed during alternate supply of precursors 52698
Mukai, K. *see* Shoji, H. 44578
Mukai, K. *see* Teramatsu, H. 58548
Mukai, M. *see* Doi, K. 12023
Mukai, M. *see* Tatsumi, T. 13103
Mukai, N. *see* Sano, Y. 21368
Mukai, R. *see* Bult, K. 17268
Mukai, S. *see* Itoh, H. 36908
Mukai, T., Ishikawa, M. Resistive network for detecting the centroid of nonlinear coordinates 46191
Mukai, T., Ohnishi, N. Grouping corresponding parts in vision and audition using perceptual grouping among different sensations 25501
Mukai, T., Tanaka, M., Nakagawa, K. Our new star: N-STAR [communication satellites] 6671
Mukaida, M. *see* Tsukada, M. 2907
Mukaigaito, T. *see* Hayami, H. 35766
Mukaihara, K. *see* Yamada, H. 17073
Mukaihara, T., Hatori, N., Ohnoki, N., Mizutani, A., Abe, M., Matsutani, A., Koyama, F., Iga, K. Fabrication processes for low threshold InGaAs vertical-cavity surface-emitting lasers 14169
Mukaihara, T. *see* Bissessur, H. 33556
Mukaihara, T. *see* Hatori, N. 23934
Mukaihara, T. *see* Hatori, N. 33471
Mukaihara, T. *see* Ohnoki, N. 32199
Mukaizawa, I. *see* Yoshida, T. 61056
Mukarwara, T. *see* Takahashi, N. 30742
Mukasa, K., Ono, M., Wakabayashi, R., Ishii, K., Ohki, Y., Nishikawa, H. Luminescence properties of sol-gel synthesized silica glass induced by an ArF excimer laser 33245
Mukasa, K. *see* Hatta, E. 54311
Mukasa, K. *see* Nagao, J. 32075
Mukashev, B.N. *see* Kikkarin, S.M. 54028
Mukawa, N. Vector field reconstruction using variance-based resolution control and its application to optic flow estimation 46087
Mukawa, N. Optical-model-based analysis of consecutive images 57144
Mukawa, N. *see* Sakano, H. 15550
Mukerjee, M. R. On iterative solutions for performance of high-speed switching networks 35491
Mukerjee, M.R. *see* Khalil, I. 46603
Mukerji, P.K. *see* Ghoshal, R. 52213
Mukhachev, A.P. *see* Karpov, V.Yu. 30991
Mukhamedzhanov, E.K. *see* Bocchi, C. 2319
Mukhanov, V.A., Spitsyna, N.G., Buravov, L.I., Vul', A.Ya., Yagubskii, E.B. Conditions for making synthetic diamond from fullerene-containing soot 10581
Mukherjee, A., Basumallick, I.N. Complex behaviour of aluminium dissolution in alkaline aqueous 2-propanol solution 9473
Mukherjee, A., Parui, S.K., Chaudhuri, D., Chaudhuri, B.B., Krishnan, R. An efficient algorithm for detection of road-like structures in satellite images 5654
Mukherjee, B. Glow curve analysis of TLD-700 dosimeters exposed to fast neutrons and gamma rays from isotopic sources 37926
Mukherjee, B., Parcell, S. Transmission of neutron and gamma radiation fields along the maze of a cyclotron vault 59112
Mukherjee, B., Singlachar, R. Development of a radiation hardness testing facility for semiconductor devices at a medical cyclotron 37168
Mukherjee, B. *see* Jia, F. 16316
Mukherjee, B. *see* Tridandapani, S.B. 57790
Mukherjee, D. *see* Vishwanath, M. 11464
Mukherjee, D.P., Pal, P., Das, J. Sodar image segmentation by fuzzy c-means 28617
Mukherjee, H. *see* Gorur, R.S. 54963
Mukherjee, M., Vemuri, S. A novel approach to represent 3-D isothetic scenes using XYZ trees 57243
Mukherjee, M. *see* Saha, A. 47096
Mukherjee, P.K., Trinitis, C., Steinbigler, H. Optimization of HV electrode systems by neural networks using a new learning method 38796
Mukherjee, P.K. *see* Sharma, S.K. 8294
Mukherjee, R. *see* Gangbing Song 24385
Mukherjee, S., Srinivasan, C., Pawar, V., Mathur, S., Godbole, K. A 2.5 V 10 bit SAR ADC 53359
Mukherjee, S. *see* Fan Shi 43356
Mukherjee, S. *see* Saha, D. 26106
Mukherji, A., Colsher, R.J. Open computer network applications at CP&L's Roxboro plant 38611
Mukherji, S. *see* Satyanarayana, S. 60358
Mukhopadhayay, B.K. *see* Borkar, V.G. 4364
Mukhopadhyay, D. *see* Majumdar, A. 41850
Mukhopadhyay, G. *see* Goveas, N. 3179
Mukhopadhyay, L., Sastry, K.V.L.N., Crownover, R.L., DeLucia, F.C. Double resonance measurements of far infrared lasing transitions in methanol 44367
Mukhopadhyay, I., Sharon, M. Investigation of semiconducting parameters of Pb-Sn alloy oxide-electrolyte interface by Butler Gartner model 42345
Mukhopadhyay, I. *see* Sharon, M. 51574
Mukhopadhyay, K. *see* Sharon, M. 51574
Mukhopadhyay, M. *see* Bera, L.K. 22557
Mukhopadhyay, P. *see* Goveas, N. 3179
Mukhopadhyay, S., Roy, J.N., Jana, A., Dutta, P., Misir, R. An optical conversion system: from 2^n radix based number to it modified trinary number system 33187
Mukhopadhyay, S., Sircar, P. ECG signal synthesis by exponential AM model 18424
Mukhopadhyay-Phillips, P. *see* Jensen, K.L. 41770
Mukhurov, N.I. *see* Grigorishin, I.L. 53956
Mukkamala, R. *see* Stoica, I. 57641
Muknahallipatna, S., Chowdhury, B.H. Determination, by Kohonen network, of the generator coherency in dynamic studies 50350
Mukohzaka, N. *see* Kobayashi, Y. 25617
Mukohzaka, N. *see* Zuyuan He 46333
Mukugi, K. *see* Hasegawa, K. 49054
Mukugi, K. *see* Ito, N. 49166
Mukugi, K. *see* Mizumoto, M. 49053
Mukumoto, K. *see* Fukuda, A. 16660
Mukumoto, K. *see* Wu, G. 6470
Mukund, P.R. *see* Meindl, J.D. *(editor)* 9818
Mukundan, R., Ramakrishnan, K.R. An iterative solution for object pose parameters using image moments 15442
Mukundan, R. *see* Long, M.L. 9155
Mukundan, S. *see* Oshinski, J.N. 59476
Mukuta, Y. *see* Miyataka, M. 18342
Mula, G., Pelekanos, N.T., Gentile, P., Magnea, N., Pautrat, J.L. Absorption electromodulation in CdHgTe heterostructures in the 1.5 μm range 13706
Mula, G., Pelekanos, N.T., Gentile, P., Magnea, N., Pautrat, J.L. Room temperature electro-optic effect in CdHgTe multiple quantum well heterostructures at 1.5 μm 31999
Mulansky, B. *see* Herrmann, M. 524
Mulbregt, P.van *see* van Mulbregt, P.
Mulcahey, M.J. *see* Smith, B.T. 18536
Mulcahy, D. *see* Son, M. 27696
Mulcahy, T.M. *see* Hull, J.R. 39258
Mulder, A. Methane conversion for application in fuel cells 19649
Mulder, D.M. *see* Luchau, D.W. 18695
Mulder, E. *see* Akay, M. 18197
Mulder, E.J.H. *see* Akay, M. 37615
Mulder, G. *see* Haaksma, J. 37772
Mulder, J., Havenaar, P., Santen, D. Blast furnace gas cuts costs at Ijmond 1 9117
Mulder, J., Serdijn, W.A., van der Woerd, A.C., van Roermund, A.H.M. Dynamic translinear RMS-DC converter 1647
Mulder, J., Serdijn, W.A., van der Woerd, A.C., van Roermund, A.H.M. Design of current-mode companding V-domain dynamic circuits 31147
Mulder, J., van der Woerd, A.C., Serdijn, W.A., van Roermund, H.M. General current-mode analysis method for translinear filters 31365
Mulder, J., van de Gevel, M., van Roermund, A.H.M. A reduced-area low-power low-voltage single-ended differential pair 21837
Mulder, J. *see* Serdijn, W.A. 48268
Mulder, J.A. *see* Chu, Q.P. 18607
Mulder, L.J.M. *see* Haaksma, J. 37772
Mulder, M., Molenaar, J.W.S., Rey, J.P., Ettes, W.G.M. The effect of zero voltage switching on EMC in a power factor corrector 9332
Mulder, M. *see* Hosman, R.J.A.W. 49928
Mulenko, S.A. Laser-driven deposition of thin films from carbonyls of transitional metals 21353
Mulertt, C. *see* Duong, S. 31086
Mulestagno, L., Iyer, S., Craven, R.A., Fraundorf, P. Gettering of copper in bonded silicon wafers [SOI] 42304
Muley, S. *see* Wiener, P. 59904
Mulgaonker, S., Hawkins, G., Ramakrishna, K., Mawer, A., Winkler, E. PBGA for high power: extending the thermal envelope 195
Mulgrew, B. *see* Chen, S. 5686
Mulgrew, B. *see* Thompson, J.S. 6516

Mulhern, E.J. *see* Seward, G.H. 55804
Mulholland, G. *see* Lindley, P.M. 43177
Mulholland, G.W., Bryner, N., Liggett, W., Scheer, B.W., Goodall, R.K. Selection of calibration particles for scanning surface inspection systems 48340
Mulholland, J.E., Tamney, F.K., Jr. Spacecraft telemetry link performance in a transfer orbit 6696
Muljadi, E., Butterfield, C.P., Migliore, P. Variable speed operation of generators with rotor-speed feedback in wind power applications 19658
Muljadi, E., Drouilhet, S., Holz, R., Gevorgian, V. Analysis of permanent magnet generator for wind power battery charging 29193
Muljadi, E., Flowers, L., Green, J., Bergey, M. Electric design of wind-electric water pumping systems 20284
Muljadi, E., Taylor, R. PV water pumping with a peak power tracker using a simple six step square wave inverter 29928
Muljadi, E. *see* Zinger, D.S. 38665
Mulkens, G. *see* Gronenschild, E. 37650
Mulkens, J. *see* Rogoff, R. 2501
Mulkern, R.V. *see* Gudbjartsson, H. 7964
Mullan, C.A., Kiely, C.J., Casey, S.M., Imanieh, M., Yakushev, M.V., Tomlinson, R.D. A microstructural and compositional analysis of $CuInSe_2$ ingots grown by the vertical Bridgman technique 30723
Mullem, C.J.van *see* van Mullem, C.J.
Mullen, E.G. *see* Ray, K.P. 51610
Mullen, G.L. *see* Morgan, I.H. 21019
Mullen, K. *see* Leising, G. 23691
Mullen, K. *see* Schenk, R. 42819
Mullen, L., Herczfeld, P.R., Contarino, V.M. Hybrid lidar-radar ocean experiment 6968
Mullen, L.J., Herezfeld, P.R., Contarino, V.M. Hybrid lidar-radar ocean experiment 27086
Mullenborn, M., Birkelund, A.K., Grey, F., Madsen, S. Laser direct writing of oxide structures on hydrogen-passivated silicon surfaces 2389
Mullenborn, M. *see* Birkelund, K. 32325
Mullenborn, M. *see* Heschel, M. 43387
Mulleneers, R.G.A. *see* Dassen, W.R.M. 49642
Mullenix, P., Zalnoski, J., Kasten, A.J. Limited yield estimation for visual defect sources 32479
Muller, A. Multimedia data services in DAB 7058
Muller, A. Optimal selection from distributions with unknown parameters: robustness of Bayesian models 10271
Muller, A., Ggttert, I., Mohr, J., Rogner, A. Fabrication of stepped microoptical benches for fibre and free space applications 55183
Muller, A., Hehmann, J., Rogner, A., Gottert, J., Mohr, J. Hybrid optical transceiver module with a micro-optical LIGA-bench 16445
Muller, A., Herzog, T., Huttner, B., Tittel, W., Zbinden, H., Gisin, N. "Plug and play" systems for quantum cryptography 34546
Muller, A., Simion, S., Dragoman, M., Iordanescu, S., Petrini, I., Anton, C., Vasilache, D., Avramescu, V., Coraci, A., Craciunoiu, F. Passive devices on GaAs substrate for MMICs applications 41505
Muller, A. *see* Mohr, J. 26687
Muller, A. *see* Weck, W. 33891
Muller, A. *see* Zbinden, H. 45623
Muller, B. *see* Stett, A. 41376
Muller, C., Starkel, D., Auff, E. Oculomotor research and neurorehabilitation–the missing link 8174
Muller, C. *see* Doppelbauer, A. 8080
Muller, C. *see* Herbernholz, R. 12323
Muller, C. *see* Krippner, P. 17334
Muller, C. *see* Mangeas, M. 60337
Muller, C. *see* Save, D. 42725
Muller, C. *see* Stein, H. 7870
Muller, C.H. Computing high breakdown point estimators for planned experiments and for models with qualitative factors 428
Muller, D. *see* Abe, K. 37234
Muller, E., Heiliger, W., Reinshaus, P., Submann, H. Determination of the thermal band gap from the change of the Seebeck-coefficient at the pn-transition in $(Bi_{0.2}Sb_{0.5})_2Te_3$ 31926
Muller, E. *see* Goncalves-Conto, S. 52613
Muller, E. *see* Ritter, R. 7611
Muller, E. *see* Strutz, T. 35365
Muller, F. PC-based I&C: why the Swiss favour a federal approach 60506
Muller, F., Illgner, K. Hierarchical hybrid video coding: Displaced frame difference coding 15627
Muller, F., Illgner, K. Hybrid video compression considering regions of interest 56874
Muller, F., Illgner, K., Menser, B. Embedded Laplacian pyramid image coding using conditional arithmetic coding 56762
Muller, F., Menser, B. Image compression using conditioning contexts 56623
Muller, F., Popel, R., Kohlmann, J., Niemeyer, J., Meier, W., Weimann, T., Grimm, L., Dunschede, F., Gutmann, P. Optimized 1 V and 10 V Josephson series arrays 27215
Muller, F. *see* Illgner, K. 15628
Muller, F. *see* Illgner, K. 56732
Muller, F. *see* Krasnopolin, I.Ya. 23410
Muller, F. *see* Schunemann, S. 15989
Muller, G., Beuthan, J., Minet, O. Recent results in medical laser diagnostics-functional imaging and quantitative optical biopsy 59527
Muller, G. *see* Endres, H.-H. 36762
Muller, G. *see* Heinbach, M. 55296
Muller, G. *see* Minet, O. 28342
Muller, G. *see* Perego, C. 58892
Muller, G. *see* Tschepe, J. 28414
Muller, H. *see* Befomestnykh, S. 49247
Muller, H. *see* Czarske, J.W. 7679
Muller, H. *see* Sparmann, U. 53132
Muller, H. *see* Yang, G.M. 54973
Muller, H.-O., Hanke, U., Chao, K.A. The influence of incoherent co-tunnelling on single-electron-tunnelling thermometry 54712
Muller, H.-O., Hanke, U., Chao, K.A., Melsen, J.A. Thermometry by parallel arrays of ultrasmall double tunnel junctions 54714
Muller, H.R. *see* Glas, P. 33426
Muller, J. High-quality RF-inductors in LTCC 53562
Muller, J., Badstubner, O., Thust, H., Exner, M. Line impedance control in MCM-Cs with meshed ground-/power planes 1869
Muller, J., Grafe, M., Hilleringmann, U., Goser, K., Holmes, A. Silicon based light emitters 3615
Muller, J., Thust, H., Schwanke, D. High frequency performance comparison of MCM-C materials 53868
Muller, J. *see* Calzone, S. 35183
Muller, J. *see* Ebersberger, M. 15103
Muller, J. *see* Jezek, K.C. 8322
Muller, J. *see* Stahl, H. 14944
Muller, J.-E., Bangert, A., Grave, T., Karner, M., Riechert, H., Schafer, A., Siweris, H., Schleicher, L., Tischer, H., Verweyen, L., Kellner, W., Meier, T. A GaAs HEMT MMIC chip set for automotive radar systems fabricated by optical stepper lithography 41493
Muller, J.-M. *see* Nielsen, A.M. 10434
Muller, J.C. *see* Lachiq, A. 20024
Muller, J.C. *see* Monna, R. 21312
Muller, J.C. *see* Monna, R. 30896
Muller, J.C. *see* Slaoui, A. 29636
Muller, J.C. *see* Slaoui, A. 39190
Muller, J.C. *see* Ventura, L. 39008
Muller, J.H. *see* Bettermann, D. 27228
Muller, J.K., Hopkin, V.D., Garland, D.J., Towhidnejad, M. Dynamic density and traffic flow information presentation 59989
Muller, J.K. *see* Towhidnejad, M. 59988
Muller, K. Catenary maintenance cars for the Rhatische Bahn 20154
Muller, K. *see* Biesenack, H. 61270
Muller, K. *see* Fritzsche, B. 30589
Muller, K.-D. *see* Both, A. 54832
Muller, K.-H., Andrikidis, C., Guo, Y.C. Irreversible critical current and the anomalous magnetic-moment peak in silver-sheathed $(Pb,Bi)_2Sr_2Ca_2Cu_3O_{10+y}$ tapes 32896
Muller, K.-H. *see* Stoye, P. 32891
Muller, K.-R. *see* Kohlmorgen, J. 14774
Muller, K.P., Flietner, B., Hwang, C.L., Kleinhenz, R.L., Nakao, T., Ranade, R., Tsunashima, Y., Mii, T. Trench storage node technology for gigabit DRAM generations 41164
Muller, K.P., Roithner, K. Trench shaping through wafer temperature control 21674
Muller, M., Budde, W., Gottfried-Gottfried, R., Hubel, A., Jahne, R., Kuck, H. A thermoelectric infrared radiation sensor with monolithically integrated amplifier stage and temperature sensor 17356
Muller, M., Rein, H.-M., Felder, A., Meister, T.F. 60 Gbit/s time-division multiplexer in SiGe-bipolar technology with special regard to mounting and measuring technique 54778
Muller, M. *see* Brakenhoff, G.J. 5516
Muller, M. *see* Fawaz, H. 54822
Muller, M. *see* Gatz, S. 4039
Muller, M. *see* Hamzaoui, R. 46481
Muller, M. *see* Hamzaoui, R. 56745
Muller, M. *see* Heppke, G. 44665
Muller, M. *see* Herrmann, J. 24041
Muller, M. *see* Herrmann, J. 44426
Muller, M.A. *see* Farruggio, D. 9591
Muller, M.R. *see* Stacy, N.J.S. 8532
Muller, M.W. *see* Glavinas, E. 43693
Muller, M.W. *see* O'Sullivan, J.A. 32873
Muller, N. *see* Knupfer, B. 23707
Muller, P., Beckers, I., Conrad, E., Elstner, L., Fuhs, W. Application of low-temperature electron cyclotron resonance CVD to silicon thin-film solar cell preparation 39032
Muller, P. *see* Breitzke, M. 18811
Muller, P. *see* Fach, A. 17358
Muller, P. *see* John, J. 7346
Muller, P. *see* Paglino, C. 7337
Muller, P. *see* Shi, Z. 13771
Muller, P. *see* Zogg, H. 7396
Muller, P. *see* Zogg, H. 48646
Muller, R., Pavelescu, I., Moagar-Poladian, V. Micromechanical structures with optical detection integrated on silicon 43405
Muller, R. *see* Baltz, S. 35865
Muller, R. *see* Boche, B. 14145
Muller, R. *see* Cabrera, J.M. 13527
Muller, R. *see* Ecke, W. 27627
Muller, R. *see* Klehr, A. 23912
Muller, R. *see* Klehr, A. 23933
Muller, R. *see* Klehr, A. 44444
Muller, R. *see* Trommer, G.F. 38146
Muller, R.E. *see* Gunapala, S.D. 17494
Muller, R.E. *see* Gunapala, S.D. 17541
Muller, R.E. *see* Gunapala, S.D. 17542
Muller, R.E. *see* Gunapala, S.D. 36569
Muller, R.E. *see* Gunapala, S.D. 48665
Muller, R.E. *see* Lin, L.Y. 6866
Muller, R.E. *see* Molnar, A.C. 41466
Muller, R.E. *see* Reddy, M. 53652
Muller, R.E. *see* Zhigang Chen 55864
Muller, R.S. *see* Daneman, M.J. 44052
Muller, R.S. *see* Judy, J.W. 23092
Muller, R.S. *see* Meng-Hsiung Kiang 13182
Muller, R.S. *see* Meng-Hsiung Kiang 44053
Muller, R.S. *see* Williams, K.R. 12796
Muller, R.U. *see* Fenton, A.A. 49463
Muller, R.W. *see* Dubenkov, V. 18057
Muller, S., Holzer, F., Delsilvestro, J., Haas, O. Aluminium alloys in sulfuric acid. II. Aluminium-oxygen cells 60993
Muller, S., Meisel, J. Flexible requirements for hydro plant control 29140
Muller, S., Muller-Jones, K., Lamersdorf, W., Tu, T. Global trader cooperation in open service markets 26207
Muller, S. *see* Mazeron, P. 45107
Muller, S. *see* Nowak, H. 49514
Muller, S. *see* Procaccia, H. 39686
Muller, S. *see* Schlatter, C. 9490
Muller, S.H., Huber, J.B. OFDM with reduced peak-to-average power ratio by optimum combination of partial transmit sequences 46559
Muller, T., Rohling, H. Channel coding for narrowband Rayleigh fading with robustness against changes in Doppler spread 35966
Muller, T., Vaccaro, P.H., Balzer, F., Rubahn, H.-G. Size dependent optical second harmonic generation from surface bound Na clusters: comparison between experiment and theory 24152
Muller, T., Wahi, A.N. Investigation of electrical power supply networks–functions in support of the network operation control 8786
Muller, T. *see* Hopper, E. 51053
Muller, Th. *see* Buttner, Th. 18407
Muller, U. *see* Chien, L.-C. 7502
Muller, V. *see* Forster, M. 61214
Muller, V. *see* Grundmann, S. 50949
Muller, W. Work functions for models of scandate surfaces 53902
Muller, W. *see* Fahrenberg, J. 59379
Muller, W. *see* Grosskopf, S. 25254
Muller, W. *see* Muz, Ch. 1974
Muller, W. *see* Trahms, L. 49492
Muller, W. *see* Windisch, H. 28364
Muller, W.-U. *see* Bocker, W. 37611
Muller, W.F.O., Hulsmann, P., Kurz, M., Peschke, C., Klein, H., Rienen, U.v., Weiland, T., Dohlus, M. Measurements and numerical calculations on higher-order-mode-dampers within a stack of 36 detuned S-band-cells 49178
Muller, W.F.O. *see* Glock, H.-W. 49179
Muller, W.H. *see* Hauck, T. 20892
Muller-Fiedler, R., Dutzi, J., Moss, E., Kuttner, K., Kummer, N., Gundlach, M. Assembly and interconnection technologies for electrical and optical microsystems 13196
Muller-Gartner, H.-W. *see* Wirrwar, A. 59464
Muller-Gartner, H.W. *see* Lipinski, B. 49500
Muller-Glaser, K.D. *see* Lehmann, G. 11088
Muller-Gorges, M.-R. *see* Knuttgen, D. 59692
Muller-Jones, K., Merz, M., Lamersdorf, W. The TRADEr: integrating trading into DCE 6113
Muller-Jones, K. *see* Muller, S. 26207
Muller-Quade, J. *see* Pellizzari, T. 13750
Muller-Romer, F. DAB–part of a future multimedia system for mobile reception: a contribution to wireless terrestrial transmission of narrowband and broadband data flows to receivers in mobile operation 17032
Muller-Schloer, C. *see* Kattner, R. 43179
Mullick, S.C. *see* Kumar, S. 9567
Mulligan, J.B. Image processing for improved eye-tracking accuracy 56666
Mulligan, J.H., Jr. *see* Friedman, E.G. 11155
Mulligan, J.H., Jr. *see* Soyata, T. 40788
Mulligan, J.J. *see* Bruce, A.G. 14779
Mulligan, L.J. *see* Henein, G.E. 44313
Mullin, R.C. *see* Ling, A.C.H. 45561
Mulliner, S.J. Research study into the impact of telemedicine on rural GP practices 47252
Mullins, B. Cleaning in a new era 11919
Mullins, B. Assembling fine pitch SMT and BGA circuits 31618
Mullins, D.R. *see* Conrad, S. 10877
Mullins, K.A. Design of a digital hearing aid 37887
Mullins, M., Medler, A., Court, D., Bayford, R., Van Putten, A., Patel, C., Sinnadurai, N. Research into novel sensors on silicon substrates 36485
Mullins, W.W. *see* Klinger, L.M. 2432
Mullins, W.W. *see* Klinger, L.M. 42768
Mullner, E. A 20 Gbit/s parallel phase detector and demultiplexer circuit in a production silicon bipolar technology with f_T=25 GHz 22953
Multekom, A.Van *see* Van Multekom, A.
Multigner, M., Lakamp, S., Pourroy, G., Hernando, A., Valenzuela, R. Co-doped ferrite single domains and the effect of metallic nanoinclusions 3160
Multon, B. *see* Camus, F. 60717
Multon, B. *see* Laurent, P. 60704

Mulugetta, Y., Drake, F. Assessment of solar and wind energy resources in Ethiopia. II. Wind energy 50684
Mulvenna, M.D. *see* Leahy, D.G. 52100
Mulvey, T. *see* Brown, P.D. 31726
Mulyarchik, S.G. *see* Borzdov, V.M. 54178
Mulyukov, Kh.Ya. *see* Sharipov, I.Z. 27782
Mumford, C. *see* Chakrabarti, C. 25159
Mumford, E. Risky ideas in the risk society 9969
Mumin Song *see* Tzyh-Jong Tarn 25491
Muminov, R.A., Ochilov, S.M., Riskiev, T.T., Tursunov, M.N. Possible applications of solar photoelectric plants and batteries in the Uzbekistan Republic 50819
Muminov, R.A., Tursunov, N.N., Ochilov, S.M., Zakharov, G.A., Ali, F.A. Studying the effect of diffusion temperature on the characteristics of solar cells based on electronic industrial waste 51569
Mummolo, G. *see* Fortunato, B. 60613
Mumolo, E., Carini, A. A stability condition for adaptive recursive second-order polynomial filters 4851
Mun, I.K. *see* Miller, J.R. 7983
Mun, J.H., Kang, C.S. A model of the operator cognitive behaviors during the steam generator tube rupture accident at a nuclear power plant 29045
Mun, S.K. *see* Jyh-Shyan Lin 28142
Mun Cheong Tek *see* Tek Mun Cheong
Mun Choon Chan, Hadama, H., Stadler, R. An architecture for broadband virtual networks under customer control 35553
Mun Geon Kyeong A novel algebraic framework for analyzing finite population DS/SS slotted ALOHA wireless network systems with delay capture 16528
Mun Kim Hyun *see* Hyun Mun Kim
Mun Kim Hyung *see* Hyung Mun Kim
Mun-No Joo *see* Bok-Hee Lee 44855
Mun-Soo Kim *see* Chang-Sun Hwang 9265
Munafo, M. *see* Ajmone Marsan, M. 25882
Munafo, M. *see* Ajmone Marsan, M. 35408
Munafo, M. *see* Marsan, M.A. 5858
Munaka, T., Kiyohara, R., Ohno, T., Yoshitomi, H., Tamada, J. A multimedia server 57938
Munakata, T., Kashima, Y., Matobā, A. 1.625-μm high-power strained multiple quantum well lasers for optical time-domain reflectometers 55675
Munakata, T. *see* Kashima, Y. 55457
Munamarty, R. *see* McCluskey, P. 52201
Munamarty, R. *see* McCluskey, P. 52265
Munawer, H.A. Reduction of specific distortions in image vector quantization 15620
Munch, J. *see* Atanackovic, P.B. 32023
Munch, M., Wehn, N., Glesner, M. An efficient ILP-based scheduling algorithm for control-dominated VHDL descriptions 1323
Munch, R. MKT-S capacitors for aerospace: exploring new worlds 31542
Mund, B. Microphony noise in coaxial cables: precise measurement methods 27883
Mund, E.H. *see* Malambu, E.M. 60511
Munday, D.J. *see* Beringer, J. 37394
Munder, A. *see* Tofanelli, A. 26393
Munder, H.G. *see* Arrand, H. 33092
Mundis, R. *see* Devine, R.T. 8193
Mundschau, M., Romanowicz, J., Wang, J.Y., Sun, D.L., Chen, H.C. Imaging of ferromagnetic domains using photoelectrons: photoelectron emission microscopy of neodymium-iron-boron ($Nd_2Fe_{14}B$) 55026
Mundula, G. *see* Puliti, C. 29376
Mundy, J.L. IU for military and intelligence applications, how automatic will it get? 60174
Munehiro, T. *see* Tsutaki, K. 31713
Munekata, H. *see* Honda, T. 44295
Munekata, H. *see* Nishida, K. 40363
Munekata, H. *see* Shiraishi, K. 54203
Munekata, H. *see* Watanabe, K. 40414
Munetomo, M., Takai, Y., Sato, Y. On tracking-ability of a stochastic genetic algorithm to changing environments 21087
Muneyasu, M., Hinamoto, T. Nonlinear digital filters 11553
Muneyasu, M., Ishizaki, N., Hinamoto, T. Realization of 3-D adaptive separable-denominator state-space filters suitable for parallel processing 31382
Muneyasu, M., Maeda, T., Hinamoto, T. Two-dimensional neural hybrid filters using adaptive windows and layered median filters 46240
Muneyasu, M., Uemoto, E., Hinamoto, T. Two-dimensional adaptive filters based on the one-dimensional recursive least squares algorithm 4950
Muneyasu, M., Wada, Y., Hinamoto, T. A realization of adaptive edge-preserving smoothing filters 35046
Muneyasu, M., Wada, Y., Hinamoto, T. Edge-preserving smoothing by adaptive nonlinear filters based on fuzzy control laws 56983
Muneyasu, M. *see* Maeda, T. 35045
Muneyasu, M. *see* Taguchi, A. 15825
Mungari, G. *see* Barbarossa, S. 16876
Mungi Choi, Galatsanos, N.P., Schonfeld, D. On the relation of image restoration and template matching: application to block-matching motion estimation 25391
Mungiguerra, V. *see* Marino, P. 61158
Munich, M.E., Perona, P. Visual input for pen-based computers 57116
Munichandraiah, N., Shukla, A.K., Scanlon, L.G., Marsh, R.A. On the stability of lithium during ageing of $Li/PEO_8LiClO_4/Li$ cells 29550
Munichandraiah, N. *see* Kumar, V.G. 38955
Munidasa, M. *see* Mandelis, A. 1006
Munilla, C.de la Torre *see* de la Torre Munilla, C.
Munir, S. MRI scanner 7971
Muniyandi, N. *see* Kumar, G. 9528
Muniyandi, N. *see* Thirunakaran, R. 9523
Muniz, J.L. *see* Delgado, A. 18570
Muniz, J.L. *see* Gomez Ros, J.M. 8197
Muniz, J.L. *see* Munoz, J.A. 44215
Muniz, P.J. *see* Haynes, R.B. 45202
Munjal, B.S. *see* Mathur, A.C. 4341
Munk, P., Pathak, P.H. A UTD analysis of the radiation and mutual coupling associated with antennas on a smooth perfectly conducting arbitrary convex surface with a uniform material coating 34370
Munkeby, S., Spofford, J. UGV/Demo II program: status through Demo C and Demo II preparations 19032
Munkelt, O. *see* Hafner, W. 46284
Munkholm, A. *see* Freund, A.K. 37068
Muno, M. *see* Shutt, T. 37472
Munoz, A. *see* Ezbiri, A. 48638
Munoz, A. *see* Rodriguez-Hernandez, P. 22247
Munoz, B.C. *see* Jolly, M.R. 30995
Munoz, B.C. *see* Jolly, M.R. 40701
Munoz, D.Ramirez *see* Ramirez Munoz, D.
Munoz, E. *see* Calleja, E. 44213
Munoz, J. *see* Bratov, A. 48458
Munoz, J. *see* Jimenez, D. 7314
Munoz, J. *see* Rosado, A. 21432
Munoz, J.A., Cusso, F., Aguirre de Carcer, I., Jaque, F., Muniz, J.L., Delgado, A., Castaneda, B., Barboza-Flores, M., Perez-Salas, R., Aceves, R., Pashchenko, L.P. Outdoor evaluation of the thermoluminescent properties of α-Al_2O_3 crystals 44215
Munoz, J.L. *see* Chen, D.-X. 55020
Munoz, J.L. *see* Miranda, H. 13420
Munoz, J.M. *see* Alejos, O. 52398
Munoz, J.M. *see* Hernandez, P. 3161
Munoz, J.S. *see* Blaskov, V. 32820
Munoz, L. *see* Aracil, J. 57869
Munoz, M. Using graphical based software to aid in the understanding of electromagnetic field theory 20623
Munoz, P.E. *see* Garnacho, F. 50672
Munoz, S., Sebastian, J.L., Gallego, J.D. Modeling the bias and temperature dependence of a C-class MESFET amplifier 53580
Munoz, T.Garin *see* Garin Munoz, T.
Munoz, V. *see* Errandonea, D. 22284
Munoz, V. *see* Sochinskii, N.V. 30823
Munoz, V. *see* Sochinskii, N.V. 40389
Munoz, V. *see* Ulrich, C. 22283
Munoz-Garcia, A., Novotny, D.W. Utilization of third harmonic-induced-voltages in PM generators 29243
Munoz-Rodriguez, D., Ambriz-Hernandez, F.deJ. Generalised phase division coding scheme for digital magnetic recording 43706
Munoz-Rodriguez, D. *see* Donis-Hernandez, G. 47667
Munoz-Rodriguez, D. *see* Donis-Hernndez, G. 47754
Munoz-Sola, R. Polynomial liftings on a tetrahedron and applications to the h-p version of the finite element method in three dimensions 40254
Munoz-Yague, A. *see* Lifante, G. 55279
Munro, A.T. *see* Liu, L.Q. 47774
Munro, A.T. *see* Liu, L.Q. 47776
Munro, E. *see* Chisholm, T. 32333
Munro, E. *see* Tsuno, K. 31729
Munro, E. *see* Xieqing Zhu 33824
Munro, J.I. *see* Poblete, P.V. 34557
Munro, N. *see* Ariffin, A.E. 38025
Munro, N. *see* Yang, T.C. 38240
Munro, P. The changing face of employment--is there an unacceptable side? 20737
Munro, W.A., Thomas, C.L.P., Simpson, I., Shaw, J., Dodgson, J. Deterioration of pH electrode response due to biofilm formation on the glass membrane 50218
Munroe, M. *see* Hodges, S.E. 33591
Munroe, M. *see* Hodges, S.E. 33592
Munshi, N. *see* Reed, R. 52850
Munson, C. *see* Nastasi, M. 10885
Munson, C.A. *see* Reass, W.A. 51256
Munson, D.C., Jr. *see* Lee, J.A.C. 26965
Munson, F. *see* Zinkann, G.P. 49144
Munson, T. *see* Kia, T. 49844
Muntean, I. On the method of near equations 30659
Muntean, N., Boldea, I. Theoretical and test results on a small power reactive synchronous motor with two level bipolar current control 60712
Munteanu, A. *see* Bezerianos, A. 49476
Munteanu, C. *see* De Mey, G. 40276
Munteanu, D. *see* Cristoloveanu, S. 22459
Munteanu, D. *see* Cristoloveanu, S. 42302
Munteanu, D. *see* Ionescu, A.M. 22452
Munteanu, D. *see* Rusu, A. 9870
Munteanu, I., Tomescu, F.M.G. Optimisation of a magnetic device based on symbolic analysis of the field 44998
Munteanu, I. *see* Grigorescu, C.E.A. 48565
Munteanu, R., Tarnovan, R., Balan, H. On the dynamic simulation of a differential transformer-type displacement transducer 48895
Munteanu, V. *see* Chiper, D.-F. 1452
Munter, K., Pape, R., Glimm, J. Portable E-field strength meter system and its traceable calibration up to 1 GHz using a μTEM cell 27296
Munter, R. Environmental studies in chemical engineering curriculum at Tallinn Technical University 30052
Muntz, H. *see* Bartels, H. 55780
Muntz, R.R. *see* Cheng, W.C. 397
Munukutla, S.S. *see* Collett, W.L. 50776
Munuzuri, A.P., De Castro, M., Hofer, E., Perez-Munuzuri, V., Gomez-Gesteira, M., Perez-Villar, V. Continuous conductive volume affects the propagation of signals in discrete systems 21472
Muqing Qiu *see* Qiu Muqing
Mur, F., Uzal, E., Martinez, S., Pumar, C., Martinez, P.M. Reconfigurable voltage and current line conditioner 9352
Mur, M. *see* Bystricky, J. 59318
Mura, A. *see* Bongiovanni, G. 44637
Mura, F. *see* D'Errico, M. 48116
Mura, T. *see* Kanai, Y. 28461
Murabayashi, M. *see* Xiao-Min Chen 13660
Murach, J., Bruckner, R. Preparation and structure-sensitive investigations on silica glass fibers 52860
Murach, J.M. *see* Nowlan, M.J. 39181
Murad, S., Rahman, M., Johnson, N., Thoms, S., Beaumont, S.P., Wilkinson, C.D.W. Dry etching damage in III-V semiconductors 22566
Murad, S. *see* Thayne, I. 53649
Murad, S.K., Cameron, N.I., Beaumont, S.P., Wilkinson, C.D.W. Effects of O_2 addition to $SiCl_4/SiF_4$ and the thickness of the capping layer on gate recess etching of GaAs-pseudomorphic high electron mobility transistors 22880
Murad, S.K. *see* Hicks, S.E. 42494
Murad, S.K. *see* Krauss, T.F. 44001
Murad, S.K. *see* Midha, A. 42818
Murad, S.K. *see* Rahman, M. 42535
Muraguchi, M. *see* Hayashi, H. 21960
Muraguchi, M. *see* Nakatsugawa, M. 21978
Muraguchi, M. *see* Tsukahara, T. 41482
Murai, F. *see* Hasegawa, N. 32340
Murai, F. *see* Yamamoto, J. 32317
Murai, H., Gotoh, T., Nakata, T., Hasegawa, E. Homeotropic reverse-mode polymer-liquid crystal device 33140
Murai, H. *see* Matsui, Y. 23907
Murai, H. *see* Mineo, N. 16796
Murai, H. *see* Sase, S. 10168
Murai, H. *see* Yamada, K. 23589
Murai, I. *see* Akimoto, T. 37516
Murai, J., Fujita, M., Hirota, J. Development of electroless solder plating for SMT 10156
Murai, K. *see* Tanaka, H. 16561
Murai, S., Koseko, Y., Hiramine, C., Muroi, K., Ogihara, T. Rule based testability check method with tri-state bus conflict checking capability 11142
Murai, S. *see* Fujiwara, S. 10665
Murai, S. *see* Fukuda, H. 32165
Murai, S. *see* Moriyama, H. 32942
Murai, T., Fujimoto, T., Fujiwara, S. Test run of combined propulsion, levitation and guidance system at Miyazaki test track 29769
Murai, T., Fujiwara, S. Characteristics of combined propulsion, levitation and guidance system with asymmetric figure between upper and lower coils in EDS 29775
Murai, T., Hasegawa, H., Fujiwara, S. Improvement of inductive power collection in null-flux EDS Maglev 39314
Murai, Y. *see* Abeyrathne, S.G. 29383
Murai, Y. *see* Abeyratne, S.G. 51133
Murakami, A. *see* Iijima, T. 37238
Murakami, A. *see* Sugimoto, Y. 59202
Murakami, A. *see* Unno, Y. 37395
Murakami, E., Harada, K., Hisamoto, D., Kimura, S. δ-doped source/drain 0.1-μm n-MOSFETs with extremely shallow junctions 43024
Murakami, E. *see* Hara, S. 22651
Murakami, G. *see* Taketani, N. 52230
Murakami, H. Real-valued fast discrete Fourier transform and cyclic convolution algorithms of highly composite even length 15285
Murakami, H. Implementation and perfect reconstruction of a maximally decimated FIR filter bank using parallel module decomposition 34779
Murakami, H. Block sampling rate conversion systems using real-valued fast cyclic convolution algorithms 45951
Murakami, H., Hattori, W., Aoki, R. Superconductivity and transport properties of narrow-gap semiconductor Pb(Tl)Te film by HWE growth 12310
Murakami, H. *see* Aono, K. 9302
Murakami, H. *see* Hashiguchi, S. 18552
Murakami, H. *see* Hoshimiya, N. 59810
Murakami, J., Sato, F., Watanabe, T., Matsuki, H., Kikuchi, S., Harakawa, K., Satoh, T. Consideration on Cordless Power Station–contactless power transmission system 8843
Murakami, J. *see* Sato, F. 9641
Murakami, K., Mabuchi, D., Kurita, T., Niwa, Y., Kaneko, S. Effects of adding various metal oxides on low-temperature sintered $Pb(Zr,Ti)O_3$ ceramics 2947

Murakami, K. *see* Kato, K. 57202
Murakami, K. *see* Kinoshita, K. 47356
Murakami, K. *see* Morita, T. 11794
Murakami, K. *see* Nagayasu, T. 47707
Murakami, K. *see* Ohguro, T. 41460
Murakami, K. *see* Ohoka, H. 48390
Murakami, K. *see* Sakamoto, Y. 1744
Murakami, K. *see* Sakamoto, Y. 53710
Murakami, K. *see* Suzuki, H. 816
Murakami, K. *see* Taniguchi, Y. 7321
Murakami, K. *see* Yoshidaya, H. 23701
Murakami, M. Electromagnetic applications of melt-processed YBCO 55129
Murakami, M., Takahashi, T., Aoyama, M., Imai, T., Amemiya, M., Sumida, M., Aiki, M. System performance evaluation of the FSA submarine optical amplifier system 16782
Murakami, M., Takahashi, T., Aoyama, M., Imai, T., Sumida, M., Amemiya, M. Design and performance of the FSA submarine optical amplifier system 26794
Murakami, M. *see* Furumai, M. 12548
Murakami, M. *see* Hashimoto, K. 54254
Murakami, M. *see* Ishikawa, H. 32053
Murakami, M. *see* Kitakaze, K. 17201
Murakami, M. *see* Kobatake, H. 5389
Murakami, M. *see* Koide, Y. 12517
Murakami, M. *see* Misono, M. 16745
Murakami, M. *see* Morikawa, K. 43756
Murakami, M. *see* Yoshinaga, Y. 49453
Murakami, R., Okura, Y., Shimada, R. Burst error correcting binary cyclic AN codes consisting of 2^m-1 codewords 34578
Murakami, S., Naito, H. Charge injection and generation in nematic liquid crystal cells 44101
Murakami, S., Tanaka, S., Amamiya, Y., Shimawaki, H., Goto, N., Honjo, K., Ishida, Y., Saitoh, Y., Yajima, M., Hisada, Y. A 3.6-W 26 GHz-band AlGaAs/GaAs HBT power amplifier 31501
Murakami, S. *see* Katayama, H. 27180
Murakami, S. *see* Kotaki, A. 10027
Murakami, S. *see* Maruyama, K. 704
Murakami, S. *see* Maruyama, K. 21286
Murakami, S. *see* Yajima, M. 53607
Murakami, T., Togari, H., Steinman, A. Electrostatic problems in TFT-LCD production and solutions using ionization 27797
Murakami, T., Togari, H., Steinman, A. Electrostatic problems and ionization solutions in TFT-LCD production 48785
Murakami, T., Yamada, S., Kitagawa, A., Muramatsu, M., Noda, K., Ogawa, H., Sato, Y., Takada, E., Tashiro, K., Yoshizawa, J., Fukushima, T., Kimura, T., Ueda, K. Status of the HIMAC injector 49064
Murakami, T. *see* Doke, T. 28019
Murakami, T. *see* Fukuhara, T. 35193
Murakami, T. *see* Furushima, Y. 14196
Murakami, T. *see* Honda, M. 24354
Murakami, T. *see* Kasezawa, T. 48231
Murakami, T. *see* Kawahigashi, M. 19330
Murakami, T. *see* Shiozawa, K. 32101
Murakami, T. *see* Suzuki, R. 15612
Murakami, T. *see* Tokii, A. 49351
Murakami, T. *see* Tokuno, K. 10166
Murakami, T. *see* Yan, L. 10129
Murakami, Y. *see* Fujikawa, A. 45546
Murakami, Y. *see* Takahashi, A. 44115
Murakami, Y. *see* Takeyama, M. 42605
Murakami, Y. *see* Torazawa, K. 44121
Murakami, Y. *see* Xiao-Gang Zhang 51556
Murakata, M. *see* Uchino, T. 11273
Murakawa, K. *see* Takahashi, M. 4288
Murakawa, K. *see* Takahashi, M. 4292
Murakawa, M. *see* Higuchi, T. 1289
Murakawa, M. *see* Higuchi, T. 53240
Murakawa, M. *see* Tanaka, S. 58801
Muraki, K. *see* Kowa, H. 59054
Murakoshi, A., Iwase, M., Koike, M., Niiyama, H., Suguro, K. Ultra-low contact resistivity by high concentration germanium and boron ion implantation combined with low temperature annealing 42749
Murakoshi, A. *see* Inaba, S. 2653
Murakoshi, A. *see* Yoshimi, M. 32410
Murakoshi, H. *see* Takeda, Y. 11468
Murakoshi, H. *see* Yasui, M. 58132
Murakoshi, K., Yamaguchi, H., Kurata, T. Depth perception of line drawings depending on first gaze point and angle of drawings 46106
Murakuni, M., Suzuki, T., Maeno, H. On-vehicle type continuous salt-concentration measuring system for efficient winter road management 59078
Murali, R., Hughes, B.L. On the stability of frequency-hop spread-spectrum networks 35474
Murali Yeddanapudi *see* Somnath Deb 56467
Muralidhar, M. *see* Karady, G.G. 8930
Muralt, P. PZT thin films for micro sensors and actuators 43393
Muralt, P. *see* Nemirovsky, Y. 36514
Muramatsu, A. *see* Masuda, R. 24962
Muramatsu, H. *see* Matsui, H. 23590
Muramatsu, K., Takahashi, N., Nakata, T., Nakano, M., Ejiri, Y., Takehara, J. 3-D time-periodic finite element analysis of magnetic field in non-oriented materials taking into account hysteresis characteristics 44882
Muramatsu, K. *see* Janicke, L. 43612
Muramatsu, K. *see* Nakata, T. 27852
Muramatsu, M. *see* Murakami, T. 49064
Muramatsu, R., Toba, Y., Tanabe, T., Tokano, Y., Kondo, M., Sato, Y., Hayeiwa, K., Naka, H. Radiowave receiving antenna by an optical modulator without electrical power supply 27129
Muramatsu, S., Kiya, H. An efficient structure of GenLOT for finite-duration sequences and its application to M-band discrete-time wavelet transforms 24909
Muramatsu, S. *see* Hongbin Zha 25676
Muramatsu, S. *see* Nadaya, N. 46992
Muramatsu, S. *see* Ohtsuka, H. 39219
Muramatsu, S. *see* Zha, H. 4962
Muramatsu, T. *see* Nishikawa, H. 57714
Muramatsu, T. *see* Nonaka, I. 19542
Muramatsu, Y., Tsuji, M., Aoto, N. Smoothing of Si(100) surface microroughness by a new etching solution $BHF-H_2O_2$ 42474
Muramatsu, Y. *see* Tsuji, M. 42564
Muramoto, M., Itoh, K., Ishii, N., Sasaki, K. A proposal of a small planar loop antenna whose polarization direction can be switched electrically 34260
Muramoto, Y., Kato, K., Kozen, A., Ueki, M., Noguchi, K., Akatsu, Y., Nakajima, O. High-efficiency, zero-bias waveguide pin photodiode for low-power-consumption optical hybrid modules 23683
Muramoto, Y. *see* Akatsu, Y. 16729
Muramoto, Y. *see* Kato, K. 3434
Muramoto, Y. *see* Mino, S. 3668
Muranaka, K. *see* Kato, T. 55151
Murano, K. *see* Ishijima, I. 14611
Murano, K. *see* Warzanskyj, W. 26388
Murao, K. Efficient wavelet compression for arbitrary size images 25692
Muraoka, H. *see* Kurihara, Y. 3216
Muraoka, H. *see* Okamoto, K. 35742
Muraoka, M. *see* Hosokawa, T. 53124
Muraoka, M. *see* Kawaguchi, K. 40792
Muraoka, S. *see* Kuribayashi, I. 29574
Muraoka, T., Sakai, N., Tsuchiya, T. Automatic discrimination system for color unevenness in the picture on thin film transistor type of liquid crystal display adapted to the color sensation of dark eyes 48777
Muraoka, T. *see* Yamazaki, T. 9449
Murari, B. Power transistors combined with "smartpower" integrated circuits 2853
Murariu, V. *see* Badescu, V. 33915
Murarka, S. *see* Kumar, K.S. 42556
Murarka, S.P. *see* Hymes, S. 42713
Murarka, S.P. *see* Hymes, S. 42752
Murarka, S.P. *see* Lee, Y.K. 42686
Murarka, S.P. *see* Liu, H.C.L. 42745
Murarka, S.P. *see* Mello, K.E. 42698
Murarka, S.P. *see* Neirynck, J.M. 40682
Murarka, S.P. *see* Sainio, C.A. 2406
Murase, A. *see* Onuki, M. 47724
Murase, H., Nayar, S.K. Learning by a generation approach to appearance-based object recognition 5047
Murase, H., Nayar, S.K. Segmentation and recognition of 3D objects using parametric eigenspace representation 15727
Murase, H. *see* Mizuno, K. 60950
Murase, H. *see* Oki, I. 60966
Murase, H. *see* Vinod, V.V. 5127
Murase, K., Kuwabara, H., Yasuhara, Y., Evans, A.C., Gjedde, A. Mapping of change in cerebral glucose utilization using fluorine-18 fluorodeoxyglucose double injection and the constrained weighted-integration method 18273
Murase, K., Tanada, S., Hamamoto, K. Elimination of background and kidney depth correction during renal uptake rate measurement with ^{99m}Tc-dimercaptosuccinic acid using a kinetic modeling approach 28179
Murase, K. *see* Fujiwara, A. 43157
Murase, K. *see* Oto, K. 12476
Murase, K. *see* Oto, K. 54174
Murase, K. *see* Takahashi, Y. 13043
Murase, K. *see* Takahashi, Y. 22890
Murase, K. *see* Takahashi, Y. 54722
Murase, K. *see* Wakaya, F. 12658
Murase, K. *see* Wakaya, F. 42201
Murase, S. *see* Watanabe, K. 3301
Murase, T., Ohyama, M., Takeda, M. Overview and future direction of the VI&P comprehensive experiments 16382
Murashige, S. *see* Saito, A. 23302
Murashima, S. *see* Kajisa, K. 15837
Murashima, S. *see* Maeda, M. 56300
Murat Tekalp, A. *see* Chang, M.M. 28101
Murata, A. *see* Jiang Yu Zheng 5311
Murata, B.N., Ukigaya, F., Eto, Y., Sakuraba, N., Delp, T. A totally digital camera system using digital triaxial transmission 17053
Murata, E. *see* Nadehara, K. 35073
Murata, H., Fujiyoshi, K., Nakatake, S., Kajitani, Y. VLSI module placement based on rectangle-packing by the sequence-pair 22932
Murata, H., Fujiyoshi, K., Watanabe, T., Kajitani, Y. A mapping from sequence-pair to rectangular dissection 40838
Murata, H., Ho, I.H., Stringfellow, G.B. Effects of growth temperature and V/III ratio on surface structure and ordering in $Ga_{0.5}In_{0.5}P$ 40350
Murata, H., Lee, S.H., Ho, I.H., Stringfellow, G.B. Correlation between surface structure and ordering in GaInP 54073
Murata, H., Ohye, T., Shimoyama, H. Improved 3-D boundary charge method 33827
Murata, H. *see* Chun, Y.S. 40355
Murata, H. *see* Harada, Y. 60726
Murata, H. *see* Nakatake, S. 11118
Murata, K., Shimotsu, M. Fabrication and evaluation of electrode-supported planar SOFC 61075
Murata, K., Tanaka, Y., Takada, T. Space charge formation in cross-linked polyethylene under AC voltage 32698
Murata, K. *see* Fujimoto, Y. 23438
Murata, K. *see* Honda, T. 29749
Murata, K. *see* Ota, T. 7910
Murata, K. *see* Otsuji, T. 31210
Murata, K. *see* Otsuji, T. 43340
Murata, K. *see* Shimizu, H. 19679
Murata, K. *see* Takada, T. 32719
Murata, K. *see* Takahashi, K. 51576
Murata, K. *see* Tomizawa, M. 26789
Murata, K. *see* Uematsu, Y. 58305
Murata, M. A study on interactive-techniques-development in VFCS with small DC-servo-motor 38751
Murata, M., Kikuchi, Y., Miyahara, H. Performance of high-speed data transfer using an FEC method in a multimedia network environment 26344
Murata, M., Takeuchi, Y., Nishida, S. Magnetically enhanced inductively coupled plasma CVD for a-Si:H fabrication 40547
Murata, M. *see* Harai, H. 36081
Murata, M. *see* Harai, H. 47492
Murata, M. *see* Hashimoto, J. 14185
Murata, M. *see* Kato, M. 46680
Murata, M. *see* Nagata, H. 8314
Murata, M. *see* Nunokawa, H. 5937
Murata, M. *see* Ohsaki, H. 46565
Murata, M. *see* Ryu, B. 46595
Murata, M. *see* Ryu, B.H. 5890
Murata, M. *see* Shimonishi, H. 5710
Murata, R. *see* Cassady, P. 8692
Murata, R. *see* Kanai, H. 59428
Murata, S., Asano, K., Mamiya, N., Suzuki, Y., Takahashi, S., Kunisa, A., Itou, N., Torazawa, K. Video disk recorder system using magneto-optical disk 48249
Murata, T., Takaya, E. Design control based on reliability engineering 52128
Murata, T. *see* Arai, Y. 37267
Murata, T. *see* Arai, Y. 37268
Murata, T. *see* Hirano, D. 28964
Murata, T. *see* Ito, S. 61037
Murata, T. *see* Yamashita, M. 9237
Murata, Y., Nakanishi, N., Egawa, T., Jimbo, T., Umeno, M. GaAs-based vertical-cavity surface-emitting laser on Si substrate by metalorganic chemical vapor deposition 33467
Murata, Y., Tanabe, S., Handa, S., Ozeki, T. A crosstalk model considering leakage fluxes and methods to reduce crosstalk between read/write head and pre-erase head 13460
Murata, Y. *see* Hirakawa, H. 39469
Murata, Y. *see* Hozumi, N. 50574
Murata, Y. *see* Kaminaga, K. 38373
Murata, Y. *see* Kaminaga, K. 43557
Murata, Y. *see* Matsuda, Y. 33812
Murata, Y. *see* Tanabe, S. 41588
Murata, Y. *see* Tanabe, S. 45197
Muratikov, K.L. *see* Glazov, A.L. 48984
Muratore, F. *see* Priscoli, F.D. 26671
Murauskas, E. *see* Buzelis, R. 3770
Murav'ev, V.V. *see* Ser'eznov, A.N. 58628
Muraviova, T. *see* Buzykaev, A. 37237
Muravjov, A.V. *see* Strijbos, R.C. 44587
Muravlev, A.B. *see* Adamovskii, L.A. 59084
Muravski, A. *see* Janssen, P. 13737
Muravski, A.A. *see* Kohns, P. 13719
Muravyov, S.V., Savolainen, V. Discrete-mathematical approach to formal description of measurement procedure 17131
Muravyov, S.V., Savolainen, V. Some structural properties of a formal model of measurement procedure 17132
Muravyova, N.A. *see* Kurchatkin, S.P. 3470
Murawski, M., Olds, B.M., Miller, R.L. The Department of Energy's Technical Leadership Development Program: lessons learned from assessment and evaluation 20505
Murayama, H., Nohara, N. The local noise property in positron volume imaging and optimal conditions for the signal-to-noise ratio of the 3D reconstructed image 37756
Murayama, H. *see* Kosuge, K. 35721
Murayama, H. *see* Shinohara, H. 59402
Murayama, J. *see* Makino, M. 16276
Murayama, K., Nagasawa, H., Ozaki, S., Morifuji, M., Hamaguchi, C., Di Carlo, A., Vogl, P., Bohm, G., Weimann, G. Wannier-Stark resonances in Zener tunneling diodes with GaAs/AlAs superlattices 32359
Murayama, K. *see* Nagasawa, H. 12882
Murayama, R. Driving mechanism on magnetostrictive type electromagnetic acoustic transducer for symmetrical vertical-mode Lamb wave and for shear horizontal-mode plate wave 8572
Murayama, S. *see* Komatsubara, A. 60539
Murayama, Y., Sakuraba, T., Sakamoto, Y., Yoshida, H., Kozakai, T., Endo, T. Ten-volt

Josephson junction array voltage standard at ETL 27216
Murayama, Y. *see* Igarashi, K. 50050
Murayama, Y. *see* Yoshida, H. 21760
Murayama, Y. *see* Yoshida, H. 27337
Murayama, Y. *see* Yoshida, H. 27344
Murch, A., Wrigley, R. Open networking in New Zealand 26311
Murch, M.B. A second generation real-time target and JEM model 50272
Murch, R.D., Tan, D.G.H. Experimental verification of two inverse scattering algorithms 35063
Murch, R.D. *see* Chuang, J.C.-I. 58210
Murch, R.D. *see* Rowell, C.R. 34262
Murch, R.D. *see* Rowell, C.R. 58222
Murchison, C., Baird, J. An introduction to green product development for SMEs 21005
Murcia, J.de *see* de Murcia, J.
Murcia, M.de *see* de Murcia, M.
Murdocca, M., Batchu, R.V., Dennison, M. Architectural evaluation of beam-steered shuffle optical interconnect 3516
Murdoch, P. *see* Blacker, T. 30667
Murdoch, S.G., Leonhardt, R., Harvey, J.D. Quasi-phase-matched modulation instability in periodically birefringent fibers 3364
Murdock, E. *see* Mao, S. 13433
Murdough, M.P., Denman, C.A. Mode-volume and pump-power limitations in injection-locked TEM_{00} Nd:YAG rod lasers 3740
Murduck, J.M. *see* Adam, R. 43827
Mure-Ravaud, A., Pelissier, S., Pigeon, F., Biasse, B., Pandraud, G. A new assembly technique for deeply-buried optical waveguides 3447
Mure-Ravaud, A. *see* Pelissier, S. 23521
Murella, K. *see* Kim, I. 12790
Murenzi, R. *see* Antoine, J.-P. 5233
Murenzi, R. *see* Mujica, F. 60160
Murgai, R., Fujita, M. Some recent advances in software and hardware logic simulation 53167
Murgai, R. *see* Fujita, M. 41069
Murgan, A.T. *see* Grigore, V. 9335
Murgas, J., Matejovic, M. Power system stabilizer design using MRAC techniques 19704
Murgatroyd, I.J. *see* Booker, G.R. 52669
Murgatroyd, I.J. *see* Klipstein, P.C. 12336
Murgatroyd, R.A. Nuclear power: PISC, NESC and beyond 38470
Muri, R.M. *see* Felblinger, T. 7956
Muriel, M.A., Carballar, A. Phase reconstruction from reflectivity in uniform fiber Bragg gratings 23517
Muriel, M.A. *see* Vizoso, B. 35760
Murin, B.P., Batskikh, G.I., Belugin, V.M., Bondarev, B.I., Fedotov, A.P., Konovalov, V.A., Shumakov, I.V. Ion linacs design with superconductivity use 49190
Murin, B.P. *see* Batskikh, G.I. 7687
Murin, B.P. *see* Batskikh, G.I. 7697
Murin, B.P. *see* Bondarev, B.I. 7702
Murin, B.P. *see* Bondarev, B.I. 37136
Murin, B.P. *see* Durkin, A.P. 37137
Murin, B.P. *see* Shumakov, I.V. 49191
Murin, I.V. *see* Tolstoy, V.P. 52717
Murino, V., Foresti, G.L., Regazzoni, C.S. Depth estimation by adaptive regulation of camera parameters 5536
Murino, V., Trucco, A., Tesei, A. Beam pattern formulation and analysis for wide-band beamforming systems using sparse arrays 56712
Murino, V. *see* Foresti, G.L. 48132
Murley, P. *see* Morehead, F. 41894
Murli, A. *see* D'Amore, L. 57500
Murlick, C. *see* Im, J. 52212
Murnane, M.M. *see* Backus, S. 33663
Murnane, M.M. *see* Rundquist, A. 4030
Murnane, M.M. *see* Taft, G. 55588
Murnane, M.R. *see* Raymond, C.J. 42847
Murnane, T.L. *see* Pavelchek, E.K. 44183
Murni, A., Jain, A.K., Rais, J. A framework for multi-date multi-sensor image interpretation 8549
Murnick, D.E. *see* Wieser, J. 51827
Murnion, S.D. Comparison of back propagation and binary diamond neural networks in the classification of a Landsat TM image 28592
Muro, H., Kiyota, S., Uchikoshi, S., Himeno, R. Air damping characteristics of integrated accelerometers with a single-side air gap 54848
Muro, K. *see* Shichijyo, S. 33660
Muro, M.Garcia del *see* Garcia del Muro, M.
Muro, R.Di *see* Di Muro, R.
Murofushi, H., Moku, T., Izawa, M., Ohtsuka, K. AlGaInP high efficiency light-emitting diodes 55446
Muroga, S. *see* Sawada, S. 53258
Muroga, S. *see* Yamashita, S. 21590
Muroga, S. *see* Yamashita, S. 41010
Murogov, V.M., Kagramanian, V.S. Separated plutonium disposition scenarios through use as MOX fuel in Russian fast and thermal reactors 60503
Murohka, H., Anami, K., Wakabayashi, G., Yoshida, H., Nohtomi, A., Uozumi, Y., Sakae, T., Matoba, M., Maki, T., Koori, N. Response function of a stacked GSO(Ce) spectrometer for cosmic-rays 59271
Murohka, H. *see* Javanmardil, F. 59285
Muroi, K. *see* Murai, S. 11142
Muromskii, A.Yu. *see* Sharygin, L.M. 38465
Muron, D.J., Hurst, M.J., Derzon, M.S. Development of a visible framing camera diagnostic for the study of current initiation in z-pinch plasmas 36669
Muronaka, T., Tanaka, Y., Takada, T., Maruyama, S., Mutou, H. Measurement of space charge distribution in XLPE cable using PEA system with flat electrode 32728
Murooka, I. *see* Kikuchi, Y. 31256
Murooka, K., Higashikawa, I., Gomei, Y. Growth rate and deposition process of silicon carbide film by low-pressure chemical vapor deposition 30935
Murooka, Y., Nakano, T., Yamashita, H. On a definition of positive and negative streamers observed optically in liquids 23125
Murota, J. *see* Sugiyama, T. 54453
Murota, M. *see* Kuroda, T. 5023
Murota, N. Characteristics of the discharge current by the human charge model ESD simulator 18439
Murotani, T., Sugibayashi, T., Takada, M. Hierarchical word-line architecture for large capacity DRAMs 53295
Murowinski, R. *see* Cuillandre, J.-C. 48679
Muroya, Y., Nakamura, T., Yamada, H., Torikai, T. Precise wavelength control for DFB laser diodes by novel corrugation delineation method 33536
Muroya, Y. *see* Yamada, H. 17073
Muroyama, S., Yamasaki, M., Takeno, K., Kato, N., Yamada, I. Design concept and characteristics of a new power supply for optical network units in FITH systems 51308
Muroyama, S. *see* Takeuchi, A. 53026
Murozono, M. *see* Nishio, T. 39108
Murphy, A.M., Tsutsumi, S., Gaussen, P. A low-power, low-cost bipolar GPS receiver chip 48187
Murphy, B.T., Manifold, S.M., Kitzmiller, J.R. Compulsator rotordynamics and suspension design 33884
Murphy, B.T. *see* Kitzmiller, J.R. 33879
Murphy, C.D., Anandakumar, K. Real-time MPEG-1 audio coding and decoding on a DSP chip 47465
Murphy, C.F., Sandborn, P.A. Cost and environmental metrics for a high density laminate technology 31614
Murphy, C.T. Future accelerators 49264
Murphy, C.T., Carrigan, R., Chen, D., Jackson, G., Mokhov, N., Shih, H.-J., Cox, B., Golovatyuk, V., McManus, A., Bogacz, A., Cline, D., Ramachandran, S., Rhoades, J., Rosenzweig, J., Newberger, B., Ellison, J.A., Baker, S., Sun, C.R., Gabella, W., Tsyganov, E., Taratin, A., Asseev, A., Biryukov, V., Khanzadeev, A., Prokofieva, T., Samsonov, V., Solodov, G. First results from bent crystal extraction at the Fermilab Tevatron 49262
Murphy, D. *see* Johnson, B.R. 53965
Murphy, D. *see* Radford, W. 17492
Murphy, D.M. *see* Allen, D.M. 38017
Murphy, D.M. *see* Pate-Cornell, E.M. 121
Murphy, D.P. *see* Meger, R.A. 4274
Murphy, D.P. *see* Myers, M.C. 48122
Murphy, E. *see* Barbier, D. 33109
Murphy, E.J. *see* Frigo, N.J. 16762
Murphy, H.J. Programs of the Center on Disabilities at California State University, Northridge 28450
Murphy, J. *see* Altman, Z. 33959
Murphy, J. *see* Murphy, L. 5746
Murphy, J. *see* O'Hare, N.J. 7891
Murphy, J.A., McCabe, M., Withington, S. Gaussian beam mode analysis of the coupling of power between horn antennas 56132
Murphy, J.B. Issues and state of the art for short bunches in e^+/e^- storage rings 17993
Murphy, J.B. *see* Bane, K. 17999
Murphy, J.C. *see* Givens, R.B. 7258
Murphy, J.C. *see* Osiander, R. 17243
Murphy, J.H. Feasibility demonstration of a second generation electronic monitoring system 48162
Murphy, J.J., Jones, R.G., Cordina, G. Electron beam resists based on oxirane functionalised polystyrenes 42823
Murphy, J.M. *see* Smiddy, P.F. 7897
Murphy, J.M.D. *see* Hayes, J.G. 39293
Murphy, K., Clint, M., Szularz, M., Weston, J. The computation of partial eigensolutions on a distributed memory machine using a modified Lanczos method 10473
Murphy, K., Legowik, S. GPS aided retrotraverse for unmanned ground vehicles 17005
Murphy, K. *see* Weston, J. 10474
Murphy, K. *see* Zabaronick, N. 17405
Murphy, K.A. Practical applications of extrinsic Fabry Perot interferometric (EFPI) sensors 36603
Murphy, K.A., Gunther, M.F., May, R.G., Claus, R.O., Tran, T.A., Greene, J.A., Duncan, P.G. EFPI sensor manufacturing and applications 17443
Murphy, K.A. *see* Bhatia, V. 7388
Murphy, K.A. *see* Grace, J.L. 17403
Murphy, K.A. *see* Greene, J.A. 17402
Murphy, K.A. *see* Jones, M.E. 18658
Murphy, K.A. *see* Jones, M.E. 49873
Murphy, K.J. *see* Cloft, H.J. 37623
Murphy, K.L. *see* Taylor, C.D. 45123
Murphy, K.M. *see* Kalata, P.R. 48044
Murphy, K.P. *see* Basu, R.S. 39950
Murphy, K.S.J. *see* Fairhurst, A.M. 35230
Murphy, K.S.J. *see* Marshall, A. 36689
Murphy, L., Murphy, J., MacKie-Mason, J.K. Feedback and efficiency in ATM networks 5746
Murphy, M. *see* Imbornone, J. 41498
Murphy, M. *see* Kallah, A.S. 29813
Murphy, M.C. *see* Akkaraju, S. 32339
Murphy, M.E. A Neighborhood Electric Vehicle (NEV) developed in Oregon for the 21st century 39298
Murphy, M.J., Cox, R.S. The accuracy of dose localization for an image-guided frameless radiosurgery system 8132
Murphy, M.M. *see* Petreski, B.P. 23783
Murphy, P. Geophone design evolution related to non-geophysical applications 18808
Murphy, P. *see* Nakamura, E. 18290
Murphy, P.A., Ford, G.E. Co-channel demodulation for continuous-phase modulated signals 6659
Murphy, P.A., Ford, G.E. Cochannel receivers for CPM signals based upon the Laurent representation 47605
Murphy, P.J. *see* Gunatunga, S.R. 21325
Murphy, R., Saxena, P., Levinson, W. Use OEE: Don't let OEE use you [IC manufacturing equipment] 2744
Murphy, R. *see* Marshall, C. 17487
Murphy, R. *see* Parker, T.W. 48655
Murphy, R. *see* Rutherford, P. 17401
Murphy, R.E., Jr., Dedera, C.R. Holistic TOC for maximum profitability 39646
Murphy, R.J. *see* Jacobs, M.E. 51297
Murphy, R.J. *see* Rodbell, K.P. 42780
Murphy, R.W. *see* Zimm, C.B. 51868
Murphy, S. *see* Erdmann, D. 56262
Murphy, S.A., Kumar, V. The front end of new product development: a Canadian survey 52142
Murphy, T.J., Chrien, R.E., Klare, K.A. Interpretation of neutron time-of-flight signals from current-mode detectors 37407
Murphy, V., McCraith, B.D., Butler, T., McDonagh, C., Lawless, B. Quasi-distributed fibre-optic chemical sensing using telecom optical fibre 48631
Murphy, W.R. *see* Bogucki, T.M. 49505
Murra, D. *see* Bollanti, S. 3704
Murra, D. *see* Bollanti, S. 13937
Murra, D. *see* Bollanti, S. 24062
Murra, D. *see* Bollanti, S. 55787
Murray, A. Motion-control chip sets 60661
Murray, A., Kettle, P. Towards a single chip DSP based motor control solution 61210
Murray, A. *see* Allen, J. 7953
Murray, A. *see* Allen, J. 37812
Murray, A. *see* Allen, J. 49534
Murray, A. *see* Clayton, R.H. 37823
Murray, A. *see* Clayton, R.H. 49695
Murray, A., Arzbaecher, R. *(editors)* Computers in Cardiology 1996 (Cat. No.96CH36012) 29953
Murray, A.D. *see* Brookes, J.A. 59406
Murray, A.F. *see* Buchan, L.W. 41367
Murray, A.F. *see* Mayes, D.J. 1657
Murray, A.F.J., Kelleher, A., Lane, W.A. On the use of a P+N+ mosaic contact for fast switching diode applications 2569
Murray, A.F.J., Lane, W.A. Optimization of interconnection-induced breakdown voltage in junction isolated IC's using biased polysilicon field plates 13095
Murray, A.G., Ade, P.A.R., Griffin, M.J. Development of achromatic waveplates for submillimeter polarimetry 7557
Murray, A.J. *see* Au, D.T.W. 1810
Murray, B. *see* Yu, M.K. 49763
Murray, B.T., Hayes, J.P. Testing ICs: getting to the core of the problem 1466
Murray, B.T. *see* Moon, K.W. 10999
Murray, C.A. *see* Partovi, A. 3354
Murray, D. *see* Montanaro, J. 1446
Murray, D.C. *see* Arthurs, C.P. 36657
Murray, D.J., Coe, D.J., White, R.G. Experimental MTI with spaceborne geometries 58475
Murray, D.W. *see* Bradshaw, K.J. 46309
Murray, G. Using AOI for process control 352
Murray, G. Utilizing SPC at inspection for manufacturing of printed circuit boards 354
Murray, G. Blueprint for tomorrow's diesel 60561
Murray, I.R., Arnott, J.L., Rohwer, E.A. Emotional stress in synthetic speech: progress and future directions 24825
Murray, J. *see* Williams, D. 1369
Murray, J.J. *see* Booth, N.O. 18866
Murray, J.J. *see* Hodgkiss, W.S. 18865
Murray, J.P., Cole, C.K., Warlick, E.S. Re-hosting the operational flight program for a tactical fighter plane's radar data processor: a software upgrade methodology 8650
Murray, J.T., Powell, R.C., Peyghambarian, N., Austin, W.L. Solid-state Raman lasers 14079
Murray, K.E. *see* Jani, M.G. 14069
Murray, K.M. *see* Foster, C.C. 49269
Murray, M. *see* King, C. 55109
Murray, M.M. *see* Lee, D.M. 59268
Murray, P., Graham, J.J., Halsall, C.L. Analysis of generator voltage and frequency variation in isolated power systems employing power electronic machine drives 19064
Murray, P. *see* De Fez-Laso, M.D.M. 37505
Murray, P.A. *see* Gopakumaran, B. 37829
Murray, R. *see* Steer, M.J. 32010
Murray, R.G. *see* Liu, C.T. 2641
Murray, S.N. *see* Olsen, D.K. 49153
Murray, W. Sequential quadratic programming methods for large-scale problems 30539

Murray, W., Williams, C.J., Pollock, J.T.A. A high resolution radar for mine detection 8614
Murray, W. *see* Beringer, J. 37394
Murray, W. *see* Sellin, P.J. 18095
Murray, W.J., Gray, J.E. Target tracking with explicit control of filter lag 48046
Murrer, L. *see* Jones, L.E. 28507
Murrer, R.L., Jr. *see* Skalka, M.S. 28502
Murri, R. *see* Ercoli, C. 58723
Murri, R. *see* Sbervegleri, G. 7285
Murrill, S.R. *see* Lelis, A.J. 21697
Murro, A.M. *see* Park, Y.D. 49587
Murry, S. *see* Malin, J.I. 3891
Murry, S.J. *see* Chih-Hsiang Lin 44547
Murry, S.J. *see* Yang, R.Q. 44293
Murset, P. *see* Colombo, B. 8796
Murshed, T.A., Bortolozzi, F., Sabourin, T. A fuzzy ARTMAP-based classification system for detecting cancerous cells, based on the one-class problem approach 18251
Murski, K. *see* Zhang, Y. 22073
Murtagh, B.A. *see* Nembou, C.S. 50812
Murtagh, F. *see* Aussem, A. 52449
Murtaza, G., Senior, J.M. Influence of LED thermal drifts on optical cross-talk in spectrally sliced WDM systems 47906
Murtaza, G., Senior, J.M. Analytical tools for the assessment of optical crosstalk in WDM systems 57588
Murtaza, S. *see* Chatterjee, A. 54800
Murtaza, S.S. *see* Anselm, K.A. 3608
Murtaza, S.S. *see* Hui Nie 23678
Murthy, C. *see* Morehead, F. 41894
Murthy, C.A. *see* Bhandari, D. 52524
Murthy, C.S. *see* Posselt, M. 54342
Murthy, C.S. *see* Srinivasan, G.R. *(editor)* 39560
Murthy, D.N.P. *see* Jiang, R. 52361
Murthy, D.N.P. *see* Jiang, R. 52366
Murthy, K.V.R.S. *see* Krishnudu, T. 9107
Murthy, K.V.R.S. *see* Madhusudhan, B. 9109
Murthy, K.V.V. *see* Pai, K.R. 31359
Murthy, M.V.Krishna *see* Krishna Murthy, M.V.
Murthy, P.K., Lee, E.A. An extension of multidimensional synchronous dataflow to handle arbitrary sampling lattices 25213
Murthy, P.K. *see* Bhattacharyya, S.S. 45886
Murthy, R., Bilgutay, N.M. Scaling techniques for medical image enhancement 28120
Murthy, R.V.R., Dutta, V. Effect of light soaking on a-Si:H solar cells under reverse biased annealing treatment 20033
Murthy, S., Garcia-Luna-Aceves, J.J. An efficient routing protocol for wireless networks 6475
Murthy, S., Lalgudi, H. Impact of QOS requirements on video coding for ATM networks 16367
Murthy, S.Dakshina *see* Dakshina Murthy, S.
Murthy, S.S. *see* Swamy, C.L.P. 29926
Murthy, T.S.R. Assessment of transformer insulation condition by evaluation of paper-oil system 38784
Murthy, T.S.R., Agashe, P.G., Kamath, K.M. Static electrification–chemical methods to suppress the charging behaviour in transformer oils 43574
Murthy, V.R.K. *see* Sivasubramanian, V. 2876
Murthy, V.R.K. *see* Sivasubramanian, V. 32607
Murthy Shree *see* Shree Murthy
Murti, M.R., Laskar, J., Moise, T.S., Kao, Y.C. Cryogenic high-frequency operation of tunnelling hot-electron transfer amplifiers 53585
Murtinova, L. *see* Gemperle, R. 43648
Murtland, J., Fyock, C. Shared stereoscopic display system 48788
Murtoniemi, T. *see* Levoska, J. 52690
Murtuza, M. *see* Abbott, J. 196
Murty, A. *see* Reddy, K.V. 54011
Murty, A.S.R., Naikan, V.N.A. Reliability strength design through inverse distributions–exponential and Weibull cases 10217
Murty, K.L. *see* Hong Yang 229
Murty, M.V.R., Atwater, H.A. Silicon epitaxy on hydrogen-terminated Si(001) surfaces using thermal and energetic beams 52732
Murty, N.S. *see* Raj, R.V. 52967
Murty, Y. *see* Ling, Y. 10928
Murtz, M., Pfister, O., Marquardt, J.H., Stephens, M., Wells, J.S., Waltman, S., Hollberg, L., Robinson, H.G., Fox, R.W., Mehuys, D., Brown, E.R., McIntosh, K.A. Nonlinear optics for optical frequency synthesis and an optical divide by 3 48311
Murtz, M. *see* Pfister, O. 14385
Murtz, M. *see* Wappelhorst, M.H. 48330
Murugkar, S. *see* Gilbert, D.R. 40643
Muruyama, E., Haku, H., Tanaka, M., Kiyama, S., Tsuda, S. Preparation of poly-Ge considering its application to a-Si/poly-Ge multilayer structures by a low-temperature solid phase crystallization method 30862
Murzin, I.H. *see* Tompa, G.S. 10888
Murzin, V.N. *see* Beloushkin, A.A. 41471
Murzin, V.N. *see* Karuzakii, A.L. 31493
Murzina, T.V., Akstipetrov, O.A., Fedyanin, A.A. Second-harmonic generation as a nondestructive read-out of information for biological photochromic storage 3344
Musa, G. *see* Kleps, I. 41779
Musa, I., Higgins, S.J., Eccleston, W. Space-charge limited conduction processes in polybenzo[c]thiophene films 42011
Musa, J.D. Software reliability-engineered testing 5906
Musa, M.A., Al-Ahmad, H. An equivalent non-recursive filter for a complex recursive filter with its associated non-zero frequency initialisation processor 31386
Musaba, L. *see* Chalmers, B.J. 29736
Musalem, F.-X. *see* Dollfus, P. 2664
Musalem, F.-X. *see* Sicard, E. 9878
Musashiya, T. *see* Kawada, M. 60642
Musayeva, N.F. *see* Aliyev, T.A. 29195
Musazzi, S. *see* Masciadri, E. 14446
Musca, C.A., Siliquini, J.F., Fynn, K.A., Nener, B.D., Faraone, L., Irvine, S.J.C. MOCVD-grown wider-bandgap capping layers in $Hg_{1-x}Cd_xTe$ long-wavelength infrared photoconductors 12281
Musca, C.A., Siliquini, J.F., Nener, B.D., Faraone, L. Heterojunction blocking contacts in MOCVD grown $Hg_{1-x}Cd_xTe$ long wavelength infrared photoconductors 23684
Muscalu, L. *see* Dabu, R. 24155
Muscara, J. *see* Diercks, D.R. 9070
Muscas, C. *see* Celli, G. 19314
Muscat, A.J., Lawing, A.S., Sawin, H.H., Butterbaugh, J., Syverson, D., Hiatt, F. Characterization of silicon oxide etching in gas phase HF/vapor mixtures 42570
Muscat, A.J. *see* Allen, E.L. 20463
Muscat, A.J. *see* Lawing, A.S. 42465
Muscato, G. *see* Arena, P. 4655
Musch, R. *see* Altmaier, H. 27134
Musch, T. A low noise and low cost YIG-oscillator in the frequency range from 2.2 GHz to 6.4 GHz for use in a high end microwave synthesizer 21916
Muschall, R. *see* Peschel, T. 44017
Muschen, B. *see* Roth, A. 8405
Muscholl, A. *see* Diekert, V. 14821
Musenich, R. *see* Fabbricatore, P. 13487
Musgrave, S. Networking technology–impact and opportunities 26102
Musgrove, C. *see* McMillian, G. 31309
Musgrove, F. *see* Nafalski, A. 20569
Musgrove, M.D. *see* Bittner, R.A., Jr. 45722
Musha, M. *see* Kaminskii, A.A. 44738
Musher, S.L. *see* Belov, S.D. 16246
Mushiga, M., Iwata, H. Reliability evaluation technology for epoxy molded components 38904
Mushiga, M. *see* Fujie, J. 39296
Mushnikov, N.V. *see* Zaikov, N.K. 55063
Musial, M. *see* Brandenburg, U.W. 58115
Musick, S. *see* Cone, M.L. 8704
Musienko, Y. *see* Alexeev, G. 59200
Musikhin, S.F. *see* Belyakov, L.V. 44242
Musikhin, Yu. *see* Dmitriev, V. 10880
Musil, C.R. *see* Mazza, E. 1015
Musil, C.R. *see* Padeste, C. 48696
Musil, V. *see* Povazanec, J. 13074
Musil, V. *see* Povazanec, J. 43232
Musinova, Yu.V., Smirnov, S.N. Development of a technique for calculating the electrical conductivity of steam solutions 36840
Musio, F. *see* Milella, E. 36961
Musio, F. *see* Penza, M. 58888
Musk, R.W. *see* Forrest, L. 55205
Muskatirovic, J., Kapor, R. Water level oscillations in reservoir caused by upstream hydropower plant operation 29133
Musman, S., Kerr, D., Bachmann, C. Automatic recognition of ISAR ship images 6953
Musman, S.A., Lehner, P.E., Elsaesser, C. Sensor planning for elusive targets 56509
Musolino, A., Raugi, M., Tellini, B. Pulse forming network optimal design for the power supply of EML launchers 33885
Musolino, A. *see* Angeli, M. 24423
Musoll, E., Cortadella, J. High-level synthesis techniques for reducing the activity of functional units 21440
Musrock, M.S. *see* Britton, C.L., Jr. 59321
Musrock, M.S. *see* Ericson, M.N. 59314
Mussa, R. *see* Ambrogiani, M. 59219
Musseau, O., Gardic, F., Roche, P., Corbiere, T., Reed, R.A., Buchner, S., McDonald, P., Melinger, J., Tran, L., Campbell, A.B. Analysis of multiple bit upsets (MBU) in CMOS SRAM 22994
Musseau, O. *see* Baggio, J. 24015
Musseau, O. *see* Brisset, C. 22845
Musseau, O. *see* Flament, O. 23013
Musser, D. *see* Erlingsson, U. 21134
Mussi, G., Stamp, P., Gisin, N., Passy, R., von der Weid, J.P. Polarization effects in coherent optical frequency-domain reflectometry 3361
Mussig, B. *see* Derville, D. 35866
Mussman, R.L. *see* Hill, D.A. 19470
Mussurakis, S., Buckley, D.L., Coady, A.M., Turnbull, L.W., Horsman, A. Observer variability in the interpretation of contrast enhanced MRI of the breast 18221
Mustaev, R.M. *see* Gisin, M.A. 13783
Mustafa, A.A.Y., Shapiro, L.G., Ganter, M.A. 3D object recognition from color intensity images 5284
Mustafa, M.S., Othman, A.T. M/GE/1 and GE/M/1 queueing systems at equilibrium using the linear algebraic approach 402
Mustafa, M.W. *see* Lo, K.L. 19204
Mustafaev, R.A., Tagiev, S.I. Investigation and generalization of experimental data on the thermal conductivity of benzoates in a wide range of parameters of state 59070
Mustafin, K.Kh. *see* Batskikh, G.I. 7697
Mustapha, M.El *see* El Mustapha, M.
Mustaphi, K.K. *see* Udren, E.A. 38417
Mustaphi, K.K. *see* Udren, E.A. 38418
Mustieles Moreno, Fco.J. *see* Cebrian De Barrio, E. 12895
Mustoe, L. Mathematics for engineers in the computer age 52059
Musumarra, A. *see* Aiello, S. 1483
Musumarra, A. *see* Aiello, S. 49328
Musumeci, L. *see* Bianchi, G. 47710
Musumeci, S., Oriti, G., Raciti, A., Testa, A., Melito, M., Galluzzo, A. Hard and soft switching behaviour of a new bipolar cascode monolithic switch 43109
Musumeci, S. *see* Consoli, A. 1140
Muswick, G.J. *see* Nelson, A.D. 7912
Muszalski, J. *see* Bugajski, M. 12400
Muszalski, J. *see* Kaniewska, M. 3816
Muszalski, J. *see* Kaniewska, M. 14118
Muszalski, J. *see* Klima, K. 691
Muszalski, J. *see* Misiewicz, J. 2134
Muszalski, J. *see* Sek, G. 54215
Muszalski, Z. *see* Litzbarski, E. 38702
Muszynski, R. *see* Halamski, J. 61169
Mut, F. *see* Pastor, D. 48023
Muta, I. *see* Tsukiji, H. 29204
Muth, J.F. *see* Shmagin, I.K. 33477
Muth, M. Optimized X/Y scanning head for laser beam positioning 3947
Muth, P. *see* Nerjes, G. 47367
Muthaly, S. *see* Jegathesan, J. 52075
Muthukrishnan, S. *see* Thakur, S. 41058
Muthukrishnan, S.N. *see* Canann, S.A. 639
Muthuswamy, K. *see* Gyires, T. 35764
Muthuswamy, N., Blum, R.S. Neural detectors for medical signal processing 7869
Muthuswamy, N., Blum, R.S. Detection of random signals with neural networks 34883
Muthuvenkatraman, S. *see* Venkatasubramanian, R. 753
Mutka, M.W. *see* Fernandez, J.R. 46632
Mutka, M.W. *see* Perkins, S.J. 6181
Mutluay, N., Tanatar, B. Exchange-correlation effects in semiconductor double-quantum-wire systems 54181
Muto, A. *see* Yubazaki, N. 21712
Muto, J. *see* Itoh, K.M. 1991
Muto, S., Sakagami, T., Sakane, Y., Namazue, A., Nihei, E., Koike, Y. Phase-matched operation of polymer TE-TM mode converter 23525
Muto, S. *see* Awano, Y. 22393
Muto, S. *see* Hosoya, Y. 3320
Muto, S. *see* Nishikawa, Y. 58395
Muto, S. *see* Yokoyama, N. 12905
Mutoh, A. *see* Xin Xu 47514
Mutoh, A. *see* Xu, X. 56064
Mutoh, N., Kaneko, S., Miyazaki, T., Masaki, R., Obara, S. A torque controller suitable for electric vehicles 39325
Mutoh, N. *see* Hatano, K. 48683
Mutoh, S., Shigematsu, S., Matsuya, Y., Fukuda, H., Kaneko, T., Yamada, J. A 1-V multithreshold-voltage CMOS digital signal processor for mobile phone application 1450
Mutou, H. *see* Muronaka, T. 32728
Mutsaddi, M.M., Easwaran, M.S., Patil, R.L., Deshpande, D.K. Impedance behaviour of crossed slots in the broad face of an X-band rectangular waveguide 1678
Mutschall, D., Holzner, K., Obermeier, E. Sputtered molybdenum oxide thin films for NH_3 detection 36781
Mutschler, P. *see* Meinhardt, M. 60592
Muttersbach, J. *see* Horstmann, M. 58316
Muttucumaru, R. *see* Kalam, A. 19551
Muttucumaru, R. *see* Kalam, A. 50756
Muwafi, J. *see* Verbauwhede, I. 31299
Muys, T. *see* Koonen, T. 58034
Muys, W. *see* van der Plaats, J.C. 17074
Muyu Zhao *see* Zhao Muyu
Muz, C. *see* Clauss, W. 54047
Muz, Ch., Muller, W., Clauss, W. Local probe measurements of current filamentation in *p*-germanium 1974
Muzagitov, M.M. *see* Charonov, V.Ya. 20279
Muzak, G. *see* Zagar, M. 36339
Muzalevskii, V.V. *see* Georgadze, A.Sh. 18101
Muzhitskii, V.S. *see* Lange, Y.V. 52907
Muzhong Wang, Blake, I.F. Normal basis of the finite field $F_2(p-1)p^m$ over F_2 34501
Muzic, R.F., Jr. *see* Nelson, A.D. 7912
Muzikant, A.L., Weitzel, E.K., Henriquez, C.S. Estimating fiber directions from local activation mapping: a model study 59584
Muzio, J.C. *see* Shujian Zhang 21631
Muzurenko, Y. *see* Kellner, A.L. 6426
Muzzini, A.V. *see* Simonetto, A. 8208
Mwansa, D.C., Mizuno, S., Fujimura, M., Kuroda, H. A pattern vector quantization scheme for mid-range frequency DCT coefficients 5258
Mwinyiwiwa, B., Wolanski, Z., Boon-Teck Ooi High power switch mode linear amplifiers for flexible AC transmission system 8854
Mwinyiwiwa, B., Wolanski, Z., Yiqiang Chen, Boon-Teck Ooi Multimodular multilevel converters with input/output linearity 29456
Mwinyiwiwa, B. *see* Yiqiang Chen 50435

Myachin, V.E. *see* Alexeev, A.N. 12713
Myal'dun, A.Z. *see* Verezub, N.A. 21219
Myasnikov, A. *see* Kovita, S. 21537
Myasnikov, A.M., Obodnikov, V.I., Seryapin, V.G., Tishkovskii, E.G., Fomin, B.I., Cherepov, E.I. Formation of a quasi-periodic boron distribution in silicon, initiated by ion implantation 54015
Myasnikov, A.V. *see* Khokhlov, A.V. 27875
Myboroda, A. *see* Titkov, B. 15649
Myburg, G. *see* Barnard, W.O. 12549
Mychuda, Z.R., Piskozub, A.Z. A charge redistribution logarithmic analog-to-digital converters modelling 1535
Mycielski, A., Szadkowsi, A., Kowalczyk, L., Zareba, A. High quality ZnSe and Zn(Se,S) produced by low temperature physical vapour transport 10627
Mycock, G.J. *see* Hatch, G.P. 3125
Mydlow, M.W. *see* Duel-Hallen, A. 47630
Myeong Lee Jong *see* Jong Myeong Lee
Myeong Seok Park *see* Su-An Choi 36774
Myeong-Hwan Lee, Han-Il Ko, Dong-Il Song Hybrid LCD panel system and its color coding algorithm 48787
Myeong-Hwan Lee *see* Suk-Jin Jung 21701
Myeongcheol Kim, Lippert, G., Osten, H.J. X-ray photoelectron spectroscopic investigation of carbon incorporation and segregation during pseudomorphic growth of $Si_{1-y}C_y$ on Si(001) 749
Myeongcheol Kim *see* Osten, H.J. 757
Myeongcheol Kim *see* Osten, H.J. 22280
Myeongho Kang, Taekyoung Kwon, Jooseok Song Design and verification of AIN service feature interaction manager using Z schema 16379
Myeongho Kang *see* Jooseok Song 26316
Myers, A.F. *see* Liu, J. 22144
Myers, B. *see* Chian, M. 26234
Myers, B. *see* Schuss, J.J. 34462
Myers, C.J. *see* Belluomini, W. 53232
Myers, D. *see* Kroposki, B. 39177
Myers, G.A. *see* Ramanathan, A. 28384
Myers, H., Moore, R., Butler, W., Ware, S. Common aperture multiband radar (CAMBR) 26991
Myers, J.D. *see* Jiang, S. 23846
Myers, J.D. *see* Loy, J.R. 9851
Myers, J.D. *see* Wu, R. 6979
Myers, J.D. *see* Wu, R. 23845
Myers, L.E. Review of quasi-phasematching and periodically poled lithium niobate 4063
Myers, L.E., Grayson, T.P., Bosenberg, W.R., Nelson, M.D., Dominic, V., Fejer, M.M., Byer, R.L. Increasing the aperture of electric-field periodically poled $LiNbO_3$ 23437
Myers, L.E. *see* Bosenberg, W.R. 24120
Myers, L.E. *see* Grayson, T.P. 6969
Myers, L.E. *see* Nelson, M.D. 4064
Myers, M. *see* Miller, M. 8585
Myers, M.C., Fernsler, R.F., Gregor, J.A., Mathew, J., Meger, R.A., Murphy, D.P., Pechacek, R.E. Power modulator for broadband agile mirror radar utilizing semiconductor switching 48122
Myers, M.C. *see* Meger, R.A. 4274
Myers, M.J. *see* Griebner, U. 23844
Myers, M.J. *see* Jiang, S. 23846
Myers, M.J. *see* Koch, R. 23836
Myers, M.J. *see* Wu, R. 6979
Myers, M.R. *see* Harris, G.R. 8576
Myers, M.R. *see* Harris, G.R. 28689
Myers, P. *see* Bishop, M.T. 51902
Myers, R., Wager, J.F. Transferred charge analysis of evaporated ZnS:Mn alternating-current thin-film electroluminescent devices 33277
Myers, R.A. *see* Alley, T.G. 24088
Myers, R.A. *see* Long, X.-C. 13628
Myers, R.J., Botti, J.A., Gonzalez, K.D. A model for Environmental Earth Science module design 97
Myers, R.L. Using CAD data in manufacturing–the right way 53742
Myers, S.M., Petersen, G.A. Diffusion, precipitation, and cavity-wall reactions of ion-implanted gold in silicon 12689
Myers, S.M., Petersen, G.A., Follstaedt, D.M., Headley, T.J., Michael, J.R., Seager, C.H. Strong segregation gettering of transition metals by implantation-formed cavities and boron-silicide precipitates in silicon 31750
Myers, S.M. *see* Follstaedt, D.M. 12697
Myers, S.M. *see* McHugo, S.A. 2298
Myers, S.R., Webber, J.M. Evaluating the performance of DSP-based RF/microwave measurement systems 36385
Myers, T. *see* Aggarwal, M.D. 10631
Myers, T.H. *see* Richards-Babb, M. 21277
Myers, T.H. *see* Zhonghai Yu 738
Myers, T.H. *see* Zhonghai Yu 762
Myers, T.H. *see* Zhonghai Yu 2013
Myers, T.J. *see* Berwald, D.H. 49106
Myers, T.J. *see* Marshall, R.E. 16862
Myerson, R.J. *see* Moros, E.G. 18510
Myhre, D. *see* Ferrero, U. 26394
Myhre, D. *see* Ims, L.A. 26380
Myhre, D. *see* Ims, L.A. 35836
Myhre, D. *see* Olsen, B.T. 16442
Myhrum, M. *see* Sponheim, N. 18347
Myken, S. *see* Fabianek, B. 58368
Mykhajlyshyn, V. *see* Iavors'kyj, I. 44862
Mykhajlyshyn, V. *see* Iavors'kyj, I. 45176
Mykietyn, E. *see* Yu, S. 55471
Mykolaitis, G. *see* Tamasevicius, A. 1160
Mykolaitis, G. *see* Tamasevicuius, A. 40954
Mykoniatis, G. *see* Galis, A. 46927
Mykytenko, Y.H. *see* Molebny, V.V. 59612
Mylavarabhata, S.P. *see* Leong, F. 6336
Myler, H.R. *see* Voicu, L.I. 57418
Myles, A.F. *see* Skellern, D.J. 35688
Myllyla, I., Trast, I. Intelligent distributed databases for industrial analysis 57966
Myllyla, R. *see* Marszalec, J. 17537
Myneni, R. *see* Begue, A. 18945
Myoi, Y. *see* Suzuki, F. 7504
Myong-Chul Shin *see* Chul-Won Park 19825
Myong-Chul Shin *see* Chun-Mo Lee 60183
Myong-Hee Lee, Yong-Pil Seo, Hae-Sul Choi, Chul-Hwan Kim, Kwang-Seok Hong, Yong-Moo Chae A study on the implementation of digital distance relaying techniques using EMTP MODELS 50623
Myong-Soo Park *see* Yong-Yoo Kim 60581
Myoren, H. *see* Chen, J. 3284
Myoung, J.M., Shim, K.H., Kim, C., Gluschenkov, O., Kim, K., Kim, S., Turnbull, D.A., Bishop, S.G. Optical characteristics of p-type GaN films grown by plasma-assisted molecular beam epitaxy 2004
Myoung An *see* Tolimieri, R. 15222
Myoung Hee Kim *see* Joo Young Park 18345
Myoung Jin Kim *see* Young Gyun Jeong 58181
Myoung Kim Young *see* Young Myoung Kim
Myoung Seob Lim *see* Seok Jin Jang 58162
Myoung-Bum Lee, Hyeon-Deok Lee, Byung-Lyul Park, U-In Chung, Young-Bum Koh, Moon-Yong Lee Electrical characterization of CVD TiN upper electrode for Ta_2O_5 capacitor 41540
Myoung-Ho Kim *see* Yon-Dohn Chung 26227
Myoung-Jin Kim *see* Byeong-Gwon Kang 47793
Myoung-Woo Hong *see* Chang-Hun Kim 5308
Myoungho-Lee *see* Hyukje-Kweon 18432
Myrtle, K. *see* Gao, Y. 29596
Mysinski, W. *see* Tondos, M. 9626
Myslik, V., Machac, P., Vrnata, M. Laser-annealed ohmic contacts to indium phosphide 42272
Myslik, V. *see* Vrnata, M. 54327
Myslinski, P., Nguyen, D., Chrostowski, J. Effects of concentration on the performance of erbium-doped fiber amplifiers 23801
Myslinski, P. *see* Atieh, A.K. 13618
Myslinski, P. *see* Atieh, A.K. 16515
Myslovitch, M. *see* Martchenko, B. 1537
Mysoor, N.R. *see* Decker, D.R. 31512
Mysyrowicz, A. *see* Benson, E. 22267
Mysyrowicz, A. *see* Ripoche, J.-F. 24203
Mythen, C.S. *see* Van Elp, J. 37538
Mythili, P., Das, A. Radiation characteristics of higher order modes in microstrip elliptical antenna 4362
Myun Kim Kyung *see* Kyung Myun Kim
Myun-Joo Park, Sangwook Nam FDTD ABC for waveguides with a new discrete Green's function and its effective implementation 4319
Myun-Joo Park, Sangwook Nam FDTD modal field generation and absorption in homogeneous waveguides with arbitrary cross section 31458
Myung Ahn Dong *see* Dong Myung Ahn
Myung Cheol Joe *see* Sang-Moon Lee 55960
Myung Choi Dong *see* Dong Myung Choi
Myung Hoon Sunwoo *see* Sohwan Ong 48410
Myung Hwan Oh *see* Jae Hoon Jung 53955
Myung Hwan Oh *see* Kyu Chang Park 40552
Myung Hwan Oh *see* Sanjo Lee 53966
Myung Hwan Oh *see* Seongjin Kim 53961
Myung Hwan Oh *see* Tae Ho Yeom 23690
Myung Hwan Oh *see* Yun Hi Lee 58927
Myung Jin Chung *see* Moon-Noh Lee 48247
Myung Joong Youn *see* Hyun Chil Choi 29403
Myung Kim Hyung *see* Hyung Myung Kim
Myung Soo Han, Byung Kwon Song, Yoo Bum Hou, Tae Won Kang, Jae Mook Kim, Hong Gook Kim, Yong Taek Jeoung, Jeong Whan Hahn, Ki Sang Jang Growth and characteristics of n-CdTe epilayers by MBE 30779
Myung Soo Han *see* Byung Kwon Song 30776
Myung Young-Soo *see* Young-Soo Myung
Myung Yun-Chan *see* Yun-Chan Myung
Myung-Chan Kim *see* Ganachaud, A. 50036
Myung-Hee Nam *see* Yo-Hwan Koh 32545
Myung-Ho Woo, Seung-Chul Lee, Seung-Gi Jeong Harmonic phase error correction method for the improvement of harmonic of compensation active power filters 50386
Myung-Hwan Oh *see* Woo-Beom Choi 54320
Myung-Hwan Oh *see* Yun-Hi Lee 17710
Myung-Jong Choi, Tae-Kyung Chung Design of high torque hybrid stepping motor 29348
Myung-Jong Choi *see* Jong-Sun Lee 19721
Myung-Joong Youn *see* Hyeong-Gil Joo 51099
Myung-Joong Youn *see* In-Hwan Oh 50970
Myung-Joong Youn *see* Jun-Young Lee 51274
Myung-Joong Youn *see* Kyeong-Hwa Kim 38708
Myung-Joong Youn *see* Sung-Soo Hong 9320
Myung-Ju Kang *see* Yong-Hoon Lee 10310
Myung-Kwan Park, Il-Hong Suh Design of an intelligent coordinated control system for 4WS/4WD electric vehicles 9658
Myung-Ro Kim, Beom-Su Lee, Sun-Koo Kang Reduction of internal flooding risks by passive flooding protection system 38576
Myung-Seok Kang *see* Ki Bang Lee 13191
Myung-Sook Ko, Tae-Won Kang, Chong-Sun Hwang Adaptive crossover operator based on locality and convergence 10366
Myung-Sung Lee, Won-Pyo Hong, Tae-Geun Kim, Yang-Ho Choi, Kyung-Soo Lee, Yoon-Hak Bang, Sang-Chul Lee Current status and development strategy of personal communications services of Korea Telecom 58211
Myung-Whan Hwang *see* Duck-Chool Lee 54964
Myung-woong Jung *see* Gwon-Jong Yu 51589
Myunghee Jung, Crawford, M.M. Contextual simulation of landscape based on remotely sensed data 8551
Myunghee Lee, Vendier, O., Brooke, M.A., Jokerst, N.M. Scaleable CMOS current-mode preamplifier design for an optical receiver 40938
Myunghee Lee, Vendier, O., Brooke, M.A., Jokerst, N.M., Leavitt, R.P. CMOS optical receiver with integrated InGaAs thin-film inverted MSM detector operating up to 250 Mbps 36172
Myunghee Lee *see* Cat, H.H. 55355
Myunghee Lee *see* Vendier, O. 36171
Myziak, P. *see* Malinowski, M. 3735

N. Donaldson, N.de *see* de N. Donaldson, N.
Na, H., Hall, B. Data measures for three-dimensional computerized ionospheric tomography systems 8476
Na, H. *see* Sutton, E. 8469
Na, H.R., Biswas, C. A localized space-frequency algorithm for computerized ionospheric tomography 18858
Na, N.J., Kim, I.S., Hwang, I.K., Lee, D.Y., Ham, C.S. AI-based alarm processing for a nuclear power plant 29004
Na, S.-J. *see* Fan, H.G. 41733
Na Kyungmin *see* Kyungmin Na
Na Seok-Hwan *see* Seok-Hwan Na
Na Seon-Uk *see* Seon-Uk Na
Na Su Yeon *see* Su Yeon Na
Na Young Whan *see* Young Whan Na
Naatanen, R. *see* Virtanen, J. 59714
Nabae, A., Yoshikawa, A., Cao, L., Tanaka, Y. A new definition of instantaneous active-reactive current and power based on instantaneous space vectors on polar coordinates in three-phase circuit 50348
Nabae, A. *see* Tanaka, T. 38840
Nabatian, D. *see* Brown, O. 53701
Nabatian, D. *see* Harrer, J. 58149
Nabavi-Niaki, A., Iravani, M.R. Steady-state and dynamic models of unified power flow controller (UPFC) for power system studies 19104
Nabawi, A.A.-F. *see* ALshebeili, S.A. 56710
Nabekawa, Y. *see* Itatani, J. 23833
Nabelek, A.K., Ovchinnikov, A. Perception of nonlinear and linear formant trajectories 34649
Nabelek, J. *see* Kirlin, R.L. 8417
Naber, A., Kock, H., Fuchs, H. High-resolution lithography with near-field optical microscopy 42813
Naber, R. *see* Abboud, F. 22654
Nabet, B. A heterojunction metal-semiconductor-metal photodetector 27573
Nabet, B. *see* Dias, I.F.L. 55658
Nabet, B. *see* Gray, W.S. 56834
Nabeta, S.I., Foggia, A., Coulomb, J.-L., Reyne, G. Finite element simulation of an out-of-phase synchronization of a synchronous machine 50926
Nabeta, S.I., Foggia, A., Coulomb, J.-L., Reyne, G. Finite element analysis of the skin-effect in damper bars of a synchronous machine 50945
Nabeta, S.I. *see* Brodskyn, H.O. 50597
Nabiev, R.F. *see* Mawst, L.J. 44551
Nabiev, R.F. *see* Mawst, L.J. 44565
Nabiev, R.F. *see* Wade, J.K. 23941
Nabiev, R.F. *see* Wade, J.K. 55707
Nabiyouni, G. *see* Schwarzacher, W. 43656
Nabok, A.V. *see* Lavrik, N.V. 58870
Naboka, A. *see* Dohlus, M. 7729
Naboka, T.V. *see* Kopytov, V.V. 48918
Nabout, A. *see* Dziech, A. 39985
Nabout, A. *see* Dziech, A. 46507
Nabulsi, K.A., Wait, J.R. Ray decomposition of the pulse responses of a two-layer half-space 50029
Nacabal, F. *see* Paulin, P.G. 46870
Nacaroglu, A., Tohumoglu, G. Effects of parasitic elements in operational transconductance amplifier AM modulator 53079
Naccache, D. *see* Michels, M. 24673
Nachef, J. *see* Everitt, H. 47410
Nachtergaele, L., Catthoor, F., Kapoor, B., Janssens, S., Moolenaar, D. Low power storage exploration for H.263 video decoder 35065
Nachtergaele, L. *see* Wuytack, S. 15733
Nachtwei, G., Liutjering, G., Weiss, D., Liu, Z.H., von Klitzing, K., Foxon, C.T. Breakdown of the quantum Hall effect in periodic and aperiodic antidot arrays 54191
Nachtwei, G. *see* Kraak, V. 12270
Nachtwei, G. *see* Svoboda, P. 42054
Nachvalger, E.E. *see* Dirani, E.A.T. 38359
Nachvalger, E.E. *see* Oliveira, J.J.S. 38390
Nachvalger, E.E. *see* Pinheiro, W. 38391

Nack, F., Parkes, A. The application of video semantics and theme representation in automated video editing 48243
Nadal, J. *see* Oliveira, L.F. 37610
Nadar, S.P. *see* Singh, N. 43888
Nadaya, N., Yamauchi, K., Watanabe, M., Kurita, A., Nagatani, K., Muramatsu, S. New generation multi-functional product: facsimile/printer/copier "MULTINA" series Ai7000/Ai7000D 46992
Nadazdy, V., Thurzo, I. Small-signal deep-level transient spectroscopy as a local probe of potential fluctuations due to electrically active defects 41953
Naddeo, C. *see* Balsamo, S. 24023
Nadeau, M. Tools for telephony apps 46947
Nadeau, M. Your E-mail is OBSOLETE 46983
Nadeau, Y. *see* Blanchard, M. 19290
Nadeau-Dostie, B. *see* Konemann, B. 2755
Nadeborn, W. *see* Andra, P. 4145
Nadeborn, W. *see* Osten, W. 35231
Nadeem, A. *see* Hutchinson, S.A. 49748
Nadehara, K., Stolberg, H.J., Ikekawa, M., Murata, E., Kuroda, I. Real-time software MPEG-1 video decoder design for low-cost, low-power applications 35073
Nadekhin, S.N. *see* Buinovskii, A.S. 3242
Nadella, R.K., Capano, M.A. High-resistance layers in n-type 4H-silicon carbide by hydrogen ion implantation 31895
Nader, G. *see* dos Santos, P.A.M. 3317
Nader, G. *see* dos Santos, P.A.M. 24300
Nader Saraiji, R.M., Mistrick, R.G., Modest, M.F. Modeling light transfer through optical fibers for illumination applications 39418
Nadeu, C. *see* Hernando, J. 24841
Nadeu, C. *see* Hernando, J. 45686
Nadimi, S.A., Bredow, J.W., May, G.C. Experimental investigation of diffraction gratings for millimeter/submillimeter-wave instruments 1699
Nadji, A. *see* Robin, D. 17996
Nadler, A.J. High dynamic range GaAs HBT LNA/mixers for low cost 1900 MHz PCS applications 58157
Nadler, J.H. *see* Miley, G.H. 22138
Nadobny, J. *see* Wust, P. 8092
Nadolny, Z., Ziomek, W. Field stress control for spacer in vacuum using varied geometry of triple junction 23208
Nadolski, R., Staszak, J. Natural hunting pulsations of large power turbogenerators 60715
Nadorov, V. *see* Kagan, M. 39178
Nadtochy, V. *see* Zaika, V. 20290
Nadworny, E.B., Yip, T.G., Farag, N. High power CPU cooling experiment 334
Nae-Hak Park *see* Kim, D.S. 848
Nae-In Lee *see* Jin-Woo Lee 54642
Naeem, M., Grewal, V., Spuler, B., Radens, C., Hanebeck, J., Narita, M. Challenges in sub 0.5 μm RIE processes 54481
Naeem, M.D., Parks, C., Wangemann, K., Glawischnig, H. Evaluation of barriers for B and P diffusion into As-doped polysilicon 42355
Naem, A. *see* Das, S.R. 42694
Naemura, T., Kaneko, M., Harashima, H. 3-D visual data compression based on ray-space projection 56638
Naemura, T., Yanagisawa, T., Kaneko, M., Harashima, H. 3-D layered representation of multiview images based on 3-D segmentation 15457
Naemura, T. *see* Yanagisawa, T. 15659
Naern, A. *see* Bardwell, J.A. 12654
Naessens, G. *see* Verheyen, G. 28330
Naesung Lee, Badzian, A. A study on surface morphologies of (001) homoepitaxial diamond films 40423
Naeven, R. *see* Althaus, M. 10634
Naf, M. *see* Szekely, G. 37683
Nafalski, A., Doan, T., Goel, Oe. Application of a virtual instrument concept in magnetic measurements 36855
Nafalski, A., Hoskins, B.G., Kundu, A., Doan, T. The use of neural networks in describing magnetisation phenomena 23316
Nafalski, A., Hyrycz, L., Marriage, A., Musgrove, F. Practical experiences with development of a computer multimedia tutoring system 20569
Nafati, M.M., Vu-Thien, H. An iterative technique to design 2D QMF banks under constraints by the method of Lagrange multipliers 31397
Nafe, H. On the electrode reaction of the Au|CO_2, O_2, Me_2CO_3 (Me=Li, Na, K)|yttria-stabilized zirconia electrode 58868
Nafi Gurcan, M., Gerek, O.N., Cetin, A.E. Binary morphological subband decomposition for image coding 35367
Nafie, M., Ali, M., Tewfik, A.H. Optimal subset selection for adaptive signal representation 25110
Nafria, M., Sune, J., Yelamos, D., Aymerich, X. Degradation and breakdown of thin silicon dioxide films under dynamic electrical stress 13209
Naftel, M. The promise and threat of Internet telephony and regulation 6226
Nag, B., Ghatak, K.P. A simple theoretical analysis of the carrier contribution to the elastic constants in quantum wires of IV-VI semiconductors in the presence of a parallel magnetic field 42187
Nag, B. *see* Banerjee, J.P. 53581
Nag, B. *see* Ghatak, K.P. 22340
Nag, B. *see* Ghatak, K.P. 22470
Nag, B. *see* Ghatak, K.P. 31899
Nag, P.K., De, S. Design and operation of a heat recovery steam generator with minimum irreversibility 50799
Nag, P.K., Maly, W., Jacobs, H.J. Simulation of yield/cost learning curves with Y4 54773
Nag, P.K. *see* Maly, W. 13090
Nag, S., Chatterjee, A., Taylor, K., Ali, I., O'Brien, S., Aur, S., Luttmer, J.D., Chen, I.C. Comparative evaluation of gap-fill dielectrics in shallow trench isolation for sub-0.25 μm technologies 42596
Nag, S. *see* Chatterjee, A. 2805
Nag, S. *see* Chatterjee, A. 43299
Nag, S. *see* Chatterjee, A. 54800
Nag, S. *see* Krishnan, P. 35617
Naga, S.S.D. *see* Mooney, M.J. 8003
Nagabhushan, P. *see* Jagannathan, S. 46150
Nagabhushan, P. *see* Prakash, H.N.S. 8335
Nagabuchi, S. *see* Watanabe, T. 51770
Nagabushnam, R.V., Singh, R.K., Sharan, S., Sandhu, G. Accurate estimation of radiative and convective losses in a multizone RTP reactor 22494
Nagacevschi, V. *see* Chiriac, H. 23306
Nagae, A. *see* Zhang, J.G. 11810
Nagae, T. *see* Nagahashi, H. 15817
Nagae, T. *see* Tanimori, T. 37261
Nagahama, H. *see* Hongbin Zha 27657
Nagahama, S.-I. *see* Nakamura, S. 3870
Nagahama, S.-I. *see* Nakamura, S. 23882
Nagahama, S.-I. *see* Nakamura, S. 33519
Nagahama, S.-I. *see* Nakamura, S. 33562
Nagahama, S.-I. *see* Nakamura, S. 44452
Nagahama, T. *see* Fukunaga, N. 23464
Nagahama, T. *see* Mibu, K. 32825
Nagahara, S., Yamashita, Y., Taguchi, T., Kozawa, T., Yoshida, Y., Tagawa, S. Proton transfer to melamine crosslinkers in X-ray chemically amplified negative resists studied by time-resolved and steady-state optical absorption measurement 32313
Nagahashi, H., Komine, K., Nagae, T., Agui, T. Shape from silhouettes for potted foliage modeling 15817
Nagahashi, H. *see* Iwata, H. 56849
Nagahashi, H. *see* Kurianski, A. 25317
Nagahisa, C. *see* Sugizaki, M. 10195
Nagahisa, H. *see* Maeda, A. 15469
Nagai, A., Ishikawa, I., Nakajima, K. Integration of concept-driven semantic interpretation with speech recognition 14971
Nagai, A., Kuno, Y., Shirai, Y. Surveillance system based on spatio-temporal information 57303
Nagai, A. *see* Tomimasu, T. 33583
Nagai, A. *see* Watanabe, I. 10164
Nagai, H., Kawaguchi, K., Nagase, F., Tonomura, F., Takigawa, S. Development of tuner for digital satellite broadcasting 36323
Nagai, H. *see* Ito, M. 13411
Nagai, H. *see* Ito, M. 43713
Nagai, H. *see* Koga, T. 51670
Nagai, H. *see* Maruyama, F. 32783
Nagai, H. *see* Ohata, K. 21958
Nagai, H. *see* Yoshidaya, H. 23701
Nagai, K. Thin gap chambers in ATLAS 37440
Nagai, K. *see* Ishii, K. 49323
Nagai, K. *see* Kajino, F. 37402
Nagai, K. *see* Okuno, A. 52239
Nagai, K. *see* Takahashi, N. 48245
Nagai, M., Yahiro, M., Sato, Y., Kakegawa, M., Nakamura, K., Inoue, H. Verification of saving energy effect by road tunnel ventilation control system based on knowledge engineering and fuzzy theory 61347
Nagai, M. *see* Tsukamoto, H. 42379
Nagai, N. *see* Kobayash, T. 1455
Nagai, N. *see* Sanada, H. 54718
Nagai, N. *see* Takao, H. 44112
Nagai, R. *see* Ikehata, T. 37545
Nagai, R. *see* Umeda, K. 43087
Nagai, S. *see* Ishikawa, H. 32053
Nagai, S. *see* Koike, M. 13883
Nagai, S. *see* Mori, T. 12524
Nagai, T., Ikehara, M. Design of over sampled perfect reconstruction FIR filter banks 1580
Nagai, T., Ikehara, M. Cosine-modulated 2-dimensional perfect reconstruction FIR filter banks with linear phase 11590
Nagai, T., Sugiyama, M., Sando, M., Hiihara, K. Anomaly in the infrared active phonon modes and its relationship to the dielectric constant of $(Ba_{1-x}Sr_x)(Mg_{1/3}Ta_{2/3})O_3$ compound 2942
Nagai, T., Suzuki, H., Nezu, T., Ohmi, S. Cable communication system 17071
Nagai, T. *see* Fuchie, T. 24908
Nagai, T. *see* Ishibashi, R. 7082
Nagai, T. *see* Ishikawa, N. 38655
Nagai, Y., Suzuki, N., Ohtani, Y., Ichinose, Y., Suda, H. Wireless tag system using an infrared beam and an electromagnetic wave for outdoor facilities 58107
Nagai, Y. *see* Kakimoto, S. 55682
Nagai, Y. *see* Yamamoto, M. 52254
Nagaiah, C.H. *see* Pal, R. 4361
Nagaishi, H. *see* Hosoya, M. 47501
Nagaitsev, S.S., Ellison, M.J., Ellison, T.J.P., Ball, M.S., Derenchuk, V., East, G., Hamilton, B.J., Schwandt, P. Space charge effects on the longitudinal oscillation modes of electron-cooled bunched beams 59172
Nagakari, S., Kamigaki, K., Nambu, S. Dielectric properties of sol-gel derived $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$ thin films 2910
Nagaki, Y. *see* Takano, Y. 30783
Nagakura, T., Ishihara, K., Furukawa, T., Masuda, K., Tsuda, T. Auto-regulated osmotic pump for insulin therapy by sensing glucose concentration without energy supply 17559
Nagakura, T. *see* Masuda, K. 18239
Nagakura, T. *see* Masuda, K. 18359
Nagakura, T. *see* Masuda, K. 49427
Nagalingam, S., Parikh, S., Sharpe, S., Anderson, L., Ross, R. Improvement in wet etch of TiW fusible links in AlCu-TiW-PtSi metallization for 0.8 μm BiCMOS 43349
Nagalingam, S. *see* Anderson, L. 43354
Nagalingam, S. *see* Parikh, S. 22616
Nagalla, R., Hellestrand, G. A visual approach for asynchronous circuit synthesis 53174
Nagamachi, M. *see* Jindo, T. 56824
Nagamani, H., Krishnan, M., Shobha, R. Electrical tree growth in XLPE material under ac and impulse voltages 43556
Nagamatsu, M. *see* Ishibashi, Y. 21452
Nagamatsu, T. *see* Kuroda, T. 5023
Nagamatsu, T. *see* Sato, T. 48119
Nagamine, F. *see* Osterwald, C.R. 39167
Nagamine, K. Intense proton accelerator of Japanese Hadron Project as a basis for $\mu^+\mu^-$ colliders 17969
Nagamine, K. Generation of ultra-slow muons for large-scale future applications 49270
Nagamine, K. *see* Koike, T. 10172
Nagamine, L.C.C.M., Rechenberg, H.R., Algarabel, P.A., Ibarra, M.R. Competing anisotropies in $(Dy_xEr_{1-x})Fe_{11}Ti$ alloys 3141
Nagamine, T. *see* Abe, K. 37234
Nagamine, T. *see* Abe, K. 59233
Nagamine, T. *see* Ikeda, A. 59690
Nagamoto, H., Ali, F.E.A.F., Nakao, Z., Chen, Y.-W. Evolutionary binary CT image reconstruction 57434
Nagamune, Y., Noda, T., Watabe, H., Ohno, Y., Sakaki, H., Arakawa, Y. Photoluminescence from point contact structures–Direct observation of electron flow 12462
Nagamune, Y. *see* Arakawa, Y. 54237
Nagamune, Y. *see* Mori, M. 33179
Nagamune, Y. *see* Sogawa, F. 3879
Nagamura, T. *see* Miyake, K. 12176
Nagamura, Y. *see* Torikai, T. 58094
Naganathan, N.G. *see* Seshu, P. 51428
Nagane, M. *see* Inaba, T. 39409
Nagano, H., Tasaka, S. Modified guaranteed bandwidth: a new protocol for real-time communication on DQDB 5879
Nagano, I. *see* Hashimoto, K. 50076
Nagano, M. *see* Araki, H. 36827
Nagano, M. *see* Ohoka, H. 48390
Nagano, M. *see* Okada, M. 43763
Nagano, M. *see* Suzuki, M. 55089
Nagano, N. *see* Suzuki, Y. 47937
Nagano, N. *see* Tanabe, S. 45197
Nagano, S., Hatakeyama, Y., Kakuda, Y., Kikuno, T. Timed reachability analysis method for EFSM-based communication protocols and its experimental evaluation 57658
Nagano, S., Kakuda, Y., Kikuno, T. Timed reachability analysis method for communication protocols with time intervals 5846
Nagano, T. *see* Koike, T. 11701
Nagano, T. *see* Minami, M. 53300
Nagano, T. *see* Miyamoto, M. 2800
Nagano, T. *see* Yoshida, J. 43808
Nagano, Y. *see* Shimada, Y. 2984
Naganuma, J., Endo, M. Polling-based real-time software for MPEG2 System protocol LSIs 46372
Naganuma, K. *see* Ishibashi, S. 14073
Naganuma, M. *see* Kawano, K. 23905
Naganuma, M. *see* Kawano, K. 44489
Naganuma, M. *see* Kawano, K. 44504
Naganuma, M. *see* Shibata, Y. 13890
Naganuma, M. *see* Takeshita, T. 44560
Naganuma, S. Public transportation priority system using optical bus detectors 58717
Naganuma, Y., Takizawa, T., Yamamoto, A. Dynamometer system replacing engines (transient dynamometer systems) 7608
Nagao, A. *see* Wadayama, T. 45482
Nagao, E. *see* Arisaka, S. 61291
Nagao, J., Hatta, E., Mukasa, K. Evaluation of metal-Bi_2Te_3 contacts by electron tunneling spectroscopy 32075
Nagao, J. *see* Hatta, E. 54311
Nagao, K. Direct methods for evaluating the planarity and rigidity of a surface using only 2D views 5103
Nagao, K. Construction of high-rank elliptic curves with a nontrivial torsion point 40183
Nagao, K. *see* Kamiyama, H. 41250
Nagao, M. Shape recognition by human-like trial and error random processes 15663
Nagao, M., Akama, W., Yamamoto, T., Kosaki, M. AC dissipation current waveform and space charge formation of water-tree-degraded polyethylene film 32717
Nagao, M., Matsubara, M., Inoue, K., Gotoh, Y., Tsuji, H., Ishikawa, J. Influences of ambient gases on the emission characteristics of nickel-deposited field emitters for vacuum microelectronics 1921

Nagao, M. *see* French, P.J. 32202
Nagao, M. *see* Kawaguchi, T. 15466
Nagao, M. *see* Minoda, A. 60401
Nagao, M. *see* Mitsumoto, S. 32718
Nagao, M. *see* Nishimura, S. 58128
Nagao, M. *see* Tohyama, K. 32699
Nagao, M. *see* Tohyama, K. 32703
Nagao, S. *see* Takanabe, S. 13734
Nagao, T. Homogeneous encoding for genetic algorithm based numerical optimization 24788
Nagao, T., Tanaka, K., Takenaka, K. Development of static and simulation programs for voltage stability studies of bulk power system 50303
Nagao, T. *see* Nakajima, Y. 22441
Nagao, Y. *see* Sakata, H. 23624
Nagaoka, K., Honda, K., Miyano, K. Cosmic-ray contribution in measurement of environmental gamma-ray dose 59850
Nagaoka, M., Terada, T., Nakai, M., Simizu, A. Reliability estimation of large capacitance film capacitors for space station use 1742
Nagaoka, M. *see* Hirose, M. 43119
Nagaoka, N. *see* Ametani, A. 50506
Nagaoka, N. *see* Noda, T. 28860
Nagaoka, S. Micro-mechanical single-mode fiber switches and their applications 13575
Nagaoka, S. Design of latching type single-mode fiber switch 26438
Nagaoka, S. Compact latching type single-mode fiber switches and their applications in subscriber loop networks 26922
Nagaoka, S. Fabrication of micro-pipes and their applications to single-mode fiber switching and splicing 43943
Nagaoka, S. *see* Fukunaga, H. 3139
Nagaoka, S. *see* Katagiri, Y. 14122
Nagaoka, Y. *see* Hasegawa, K. 6385
Nagaraj, B. *see* Rajan, S.D. 30234
Nagaraj, K., Fetterman, H.S., Anidjar, J., Lewis, S.H., Renninger, R.G. A 250-mW, 8-b, 52-Msamples/s parallel-pipelined A/D converter with reduced number of amplifiers 41267
Nagaraj, S. *see* Gollamudi, S. 57605
Nagaraj, T.M., Phalke, V., Gopinath, B. Scaleable approach to providing constant rate services 16402
Nagaraja Naidu, B. *see* Srinivasan, R. 48757
Nagarajan, N. *see* Sudaroli, P.V. 48179
Nagarajan, R., Dokos, D., Kryzak, C. Multichip module–laminates: fabrication and bandwidth electrical characterization 41718
Nagarajan, R., Dzurko, K. Data-link components meet satellite requirements 16672
Nagarajan, R. *see* Harshavardhana, P. 5895
Nagarajan, R. *see* Hernandez-Valencia, E.J. 35563
Nagarajan, S. *see* Giakos, G.C. 59471
Nagarkar, V.V., Gordon, J.S., Gupta, T.K., Vasile, S., Gothoskar, P., Entine, G. CCD-based high resolution digital radiography system for nondestructive evaluation 52925
Nagasaka, K. A study on fabrication of high performance perpendicular magnetic recording media 55061
Nagasaka, K. *see* Inaba, M. 36499
Nagasaka, K. *see* Inaba, M. 36674
Nagasaka, K. *see* Shinozaki, T. 33370
Nagasaka, K. *see* Suda, A. 13962
Nagasaka, K. *see* Suda, A. 13965
Nagasaka, K. *see* Suda, A. 13969
Nagasaka, K. *see* Suda, A. 33360
Nagasaka, K. *see* Takasaki, T. 13944
Nagasaki, M., Unno, Y., Tomiyori, M., Yanagimoto, M., Ozawa, K., Yoshida, K. 6.4 kbps ELCELP speech CODEC chip 47460
Nagasaki, T., Shimono, K., Nomura, T., Ohkawara, D., Ito, M., Takamoto, K., Niishi, K. Particle inspection machine for in-line monitoring 52179
Nagasaki, Y. *see* Yamasaki, H. 20057
Nagasaku, T., Hyogo, A., Sekine, K. A synthesis of a novel current-mode operational amplifier 11193
Nagasamy, V. *see* Buch, P. 22986
Nagasawa, H., Murayama, K., Morifuji, M., Di Carlo, A., Vogl, P., Boehm, G., Traenkle, G., Weimann, G., Hamaguchi, C. Stark-ladder transition in a $(GaAs)_4/(AlAs)_2$ Zener tunneling diode 12882
Nagasawa, H. *see* Murayama, K. 32359
Nagasawa, H. *see* Nakayama, K. 11999
Nagasawa, H. *see* Yamaguchi, Y. 10694
Nagasawa, K., Sato, H., Matsuda, I. New variable-speed motor series and PM motor series 29297
Nagasawa, K. *see* Kuribayashi, I. 29574
Nagasawa, M., Tanagawa, S., Yoshio, N., Igarashi, K., Yada, H. Inner lead bonding for a resin molded chip size package 22096
Nagasawa, M. *see* Katayama, T. 13554
Nagasawa, M. *see* Ohnishi, H. 35826
Nagasawa, M. *see* Tanigawa, S. 10153
Nagasawa, S. *see* Takaya, M. 33023
Nagasawa, S. *see* Takaya, M. 44004
Nagase, A. *see* Inoue, T. 37062
Nagase, A. *see* Miyamoto, K. 37185
Nagase, F. *see* Nagai, H. 36323
Nagase, H. *see* Hatsuda, T. 34089
Nagase, H. *see* Hattori, Y. 12904
Nagase, H. *see* Mizuno, K. 32546
Nagase, H. *see* Mizuno, K. 32547
Nagase, M. *see* Kunii, Y. 22510
Nagase, M. *see* Kurihara, K. 32321
Nagase, M. *see* Kurihara, K. 43166
Nagase, M. *see* Namatsu, H. 32017
Nagase, M. *see* Takahashi, Y. 22890
Nagase, M. *see* Takahashi, Y. 54722
Nagase, R., Kato, K., Iwano, S. Simplified SC-type receptacles for optical subscriber systems 16444
Nagase, R., Kato, K., Iwano, S.-I., Mitachi, S. Simplified SC-type receptacles for optical subscriber systems 26715
Nagase, R. *see* Kobayashi, M. 43944
Nagase, Y. *see* Kato, A. 48952
Nagashima, A. *see* Sone, K. 28491
Nagashima, H. *see* Ichise, N. 1958
Nagashima, I. *see* Shimada, T. 51513
Nagashima, K., Hirai, T., Koike, H., Fujisaki, Y., Tarui, Y. Characteristics of metal/ferroelectric/insulator/semiconductor structure using $SrBi_2Ta_2O_9$ as the ferroelectric material 32649
Nagashima, K. *see* Hirai, T. 2625
Nagashima, M., Wada, H. The oxygen deficiency effect of VO_2 thin films prepared by laser ablation 40624
Nagashima, M. *see* Ebe, H. 705
Nagashima, M. *see* Kawano, M. 10675
Nagashima, M. *see* Maruyama, K. 704
Nagashima, M. *see* Maruyama, K. 21286
Nagashima, M. *see* Shigenaka, K. 703
Nagashima, M. *see* Wada, H. 58846
Nagashima, N. *see* Ideguchi, T. 35513
Nagashima, O. *see* Fujisawa, H. 1390
Nagashima, O. *see* Fujisawa, H. 53293
Nagashima, T. *see* Kaneko, M. 414
Nagashima, T. *see* Seki, M. 11644
Nagashima, T. *see* Takahashi, J. 58551
Nagashima, Y., Seki, R., Baba, T., Funaya, N., Miyazaki, N., Takahashi, T., Kaikura, T., Aoki, T., Furuno, K., Hara, O., Koike, F. AMS studies at the University of Tsukuba 49349
Nagashima, Y. *see* Byeungsoo Cheun 36708
Nagashima, Y. *see* Hata, H. 61324
Nagashima, Y. *see* Katayose, H. 58585
Nagashima, Y. *see* Kawasaki, T. 59287
Nagashima, Y. *see* Miyata, H. 37384
Nagashima, Y. *see* Senyo, K. 37386
Nagasue, T. *see* Shiomi, K. 17613
Nagasue, T. *see* Shiomi, K. 27789
Nagata, A. *see* Okayama, H. 29603
Nagata, H. Thermal analysis of jacketing materials for commercial optical fibers 33042
Nagata, H., Shinohara, H., Murata, M., Miyawaki, M., Shinme, H., Sugawara, M., Totuka, H., Ohura, Y., Nohmi, H. The NEC interferometric SAR system "NEC-SAR" 8314
Nagata, H., Yamada, M., Sugamata, T., Shiroishi, M., Honda, H., Sakuma, M., Miyama, Y., Noguchi, T., Mitsugi, N., Ogiwara, J. Reliability evaluation of hermetically sealed Ti:$LiNbO_3$ optical modulators 26816
Nagata, H. *see* Takanabe, S. 13734
Nagata, I. *see* Takatoh, K. 48774
Nagata, J. *see* Shinohara, J. 38291
Nagata, K., Harashima, E. Improved temperature dependence of piezoelectric element for pressure sensor 7240
Nagata, K., Matano, T., Sakakibara, K., Miyano, K., Hoshino, Y., Isa, S., Nakazawa, S. 256 Mbit synchronous DRAM 53268
Nagata, K., Webb, S.J., Stradling, R.A. Raman spectra of $InAs_{1-x}Sb_x$ alloys and $InAs_{0.58}Sb_{0.42}$/InSb strained layer superlattice under high pressure 22251
Nagata, K. *see* Ishibashi, T. 16817
Nagata, K. *see* Kawano, R. 60485
Nagata, K. *see* Komori, S. 36970
Nagata, K. *see* Saeki, T. 1385
Nagata, K. *see* Shibuya, S. 60486
Nagata, M., Yokoyama, A. Evaluation of dynamical relation between subsystems and interconnected system for decentralized and hierarchical eigenvalue analysis 19120
Nagata, M., Yokoyama, A. Decentralized and hierarchical eigenvalue control using network decomposition 28789
Nagata, M. *see* Iwata, A. 11603
Nagata, M. *see* Kita, L. 24817
Nagata, M. *see* Morimoto, T. 4618
Nagata, M. *see* Onishi, S. 43589
Nagata, M. *see* Shibahara, K. 43064
Nagata, M. *see* Yongfei Zhu 52781
Nagata, S. *see* Ikuta, K. 28404
Nagata, T., Sakaki, H., Kitagawa, M. Power system restoration by joint usage of expert system and mathematical programming approach 28776
Nagata, T., Sasaki, H., Hanzheng Duo, Fujita, H., Takayama, T. A solution for unit commitment problem considering LNG fuel constraints 29068
Nagata, T., Sezaki, K., Yasuda, Y. A non-blocking architecture of wavelength division multiplexing photonic switching network 58082
Nagata, T. *see* Chung, J.-M. 25785
Nagata, T. *see* Hara, K. 4944
Nagata, T. *see* Hongbin Zha 15526
Nagata, T. *see* Hongbin Zha 25676
Nagata, T. *see* Hongbin Zha 27657
Nagata, T. *see* Jong-Eun Byun 15490
Nagata, T. *see* Kimuro, Y. 15470
Nagata, T. *see* Kogo, T. 18337
Nagata, T. *see* Okada, N. 46142
Nagata, T. *see* Zha, H. 4962
Nagata, T. *see* Zha, H. 25352
Nagata, Y. *see* Ohtsuka, H. 39219
Nagatake, Y. *see* Kawamura, K. 22460
Nagatake, Y. *see* Tachimori, M. 42293
Nagatani, K. *see* Nadaya, N. 46992
Nagato, T. *see* Ichitsubo, S. 47770
Nagatomo, T. *see* Okumura, H. 31855
Nagatomo, T. *see* Yamaguchi, M. 2921
Nagatsu, N., Okamoto, S., Sato, K. Optical path accommodation design considering failure restoration with minimum cross-connect system scale 36108
Nagatsuka, K., Sakaguchi, M., Yoshimoto, H., Sawada, T., Yoshihara, S., Nishimura, T. Analysis of embolic signals by transcranial Doppler for the characterization of emboli 49433
Nagatsuma, T. *see* Otsuji, T. 55310
Nagawa, S. *see* Hirose, H. 28897
Nagawa, Y. *see* Sakai, K. 13442
Nagaya, K. *see* Okamoto, K. 48387
Nagaya, K. *see* Yamada, H. 48388
Nagaya, N. *see* Deguchi, H. 56117
Nagaya, S. *see* Endo, T. 24821
Nagaya, S. *see* Nishimura, T. 5069
Nagaya, S. *see* Shimonosono, T. 28929
Nagaya, S. *see* Shintomi, K. 40717
Nagayama, K. *see* Mizuno, T. 38718
Nagayama, K. *see* Nakajima, A. 29747
Nagayama, T. Construction of Hokkaido University high-speed multimedia network with ATM LAN–case of well-jointed ATM LAN to existing LAN 26346
Nagayasu, T., Kubo, H., Murakami, K., Fujino, T. A soft-output Viterbi equalizer employing expanded memory length in a trellis 47707
Nagazumi, Y. A charge-domain D/A conversion system 11529
Nagchoudhurhi, D. *see* Nooshabadi, S. 53428
Nagel, A., Backhaus, K., Reinhold, H. A resonant power supply for distributed systems 51373
Nagel, A. *see* Brandt, S. 27229
Nagel, A. *see* Karvelis, G.A. 29823
Nagel, A. *see* Lohner, A. 9135
Nagel, D.J. *see* Kant, R.A. 17317
Nagel, H. *see* Ragg, O.M. 32878
Nagel, H.-H. *see* Haag, M. 46418
Nagel, J. *see* Poivey, C. 49939
Nagel, J.A. *see* Bergano, N.S. 26823
Nagel, M. *see* Heiliger, H.-M. 53525
Nagel, N. *see* Isobe, C. 52799
Nagel, N. *see* Silier, I. 10773
Nagel, N.-H. *see* Gerber, R. 57326
Nageldinger, U. *see* Hartenstein, R.W. 41006
Nageli, P. *see* Fenner, D. 26424
Nagelkerke, J.F., De Bont, J.G.M. Upgrading of a BioRad MRC-600 confocal laser scanning microscope with a 543-nm and a 633-nm HeNe laser 33775
Nagendra, C., Irwin, M.J. Design tradeoffs in CMOS FIR filters 21816
Nagendra, C., Owens, R.M., Irwin, M.J. Unifying carry-sum and signed-digit number representations for low power 21604
Nagendra Rao, P.S. *see* Raj, R.V. 52967
Nagengast, U. *see* Kruger, U. 47893
Nagengast, W. *see* Stenger, J. 36370
Nagesha, V. *see* Peskin, B. 14921
Naghdy, F., Esmaili, M. Soft fruit grading using a robotics gripper 17805
Naghshineh, K. *see* Olkin, J.A. 15247
Naghshineh, M., Acampora, A.S. Design and control of micro-cellular networks with QOS provisioning for data traffic 6506
Naghshineh, M. *see* Bar-Noy, A. 6580
Naghshineh, M. *see* Levine, D.A. 36016
Naghshpour, S. *see* Piper, W.S. 119
Naghski, D.H. *see* Poweleit, C.D. 13634
Naghwan Kim *see* Jangwoo Kwon 59803
Nagi, H.S. *see* Gardner, P. 21877
Nagi, N. *see* Balivada, A. 21821
Nagi, N. *see* Chatterjee, A. 53458
Nagib, N.N. Theory of oblique-incidence phase retarders 55757
Nagibina, I.M. *see* Gorelik, S.Ya. 44760
Nagiri, T. *see* Ban, Y. 60416
Nagl, M. *see* Esin, S.K. 37020
Nagle, F. *see* Fiore, A. 33705
Nagle, H.T. *see* McNamer, M.G. 1045
Nagle, J. *see* Duboz, J.Y. 44072
Nagle, J. *see* Fiore, A. 14282
Nagle, J. *see* Fiore, A. 33658
Nagle, J. *see* Sauvage-Simkin, M. 2040
Nagle, P. *see* Struble, W. 40929
Nagle, S.F., Lakhtakia, A. Shear axial modes in a PCTSCM. II. Towards transduction applications 27455
Nagle, S.M. A system for the test of a space electronics device 36419
Nagler, P.L., Daughtry, C.S.T., Goward, S.N. Short-wave infrared spectral reflectance of plant litter and soils 8545
Naglowski, P., Majewska, H. Parasitic bulk waves in wide band SAW filters designed on 128° rotated Y-cut of $LiNbO_3$ 23286
Nagoya, A. *see* Matsuura, A. 40993
Nagoya, A. *see* Yamashita, S. 11353
Nagoya, S. *see* Nakashima, Y. 54780
Nagoya, T. *see* Habuka, H. 12155
Nagrial, M. *see* Sadri, S.M.R. 60711
Nagrial, M.H. Performance of magnetic couplings using Nd-Fe-B magnets 43730

Naguib, A.F., Paulraj, A. Performance of wireless CDMA with M-ary orthogonal modulation and cell site antenna arrays 16591
Naguib, K., Habib, N., Wahba, M., Kilany, M., Adib, M. The optimum operating conditions of the phased double-rotor facility at the ET-RR-1 reactor 37527
Naguib, R.N.G. *see* Jones, C.M. 1256
Nagumo, H., Mi Lu, Watson, K. Dictionary-type data compression for gray-scale images 5337
Nagy, G. *see* Bozoki, Z. 7672
Nagy, I., Suto, Z. Repetitive and chaotic processes in current controlled induction motor 9637
Nagy, I., Suto, Z., Backhausz, L. Periodic states of hysteresis current control of induction motor 60783
Nagy, I., Suto, Z., Matakas, L., Jr., Masada, E. Features of adaptive PWM explored by the theory of chaos 51686
Nagy, L. In situ automation for PCR and in situ applications with an image analysing system 18297
Nagy, M.J., Buist, R.J. Transient analysis of thermal junctions within a thermoelectric cooling assembly 30326
Nagy, M.J. *see* Ritzer, T.M. 30327
Nagy, M.L. *see* Garverick, S.L. 27475
Nagy, M.L. *see* Purushotham, A. 9289
Nagy, T. *see* Csiki, Z. 37716
Nagy, W.J. *see* Kizilyalli, I.C. 32380
Nagy, Z., Bradshaw, A. A transputer based, flexible, real-time control system for robotic manipulators 41255
Nagy, Z. *see* You, H. 42436
Nahamoo, D. *see* Bahl, L.R. 15069
Nahamoo, D. *see* Padmanabhan, M. 15090
Nahas, A.El *see* El Nahas, A.
Nahata, A., Heinz, T.F. Reshaping of freely propagating terahertz pulses by diffraction 56021
Nahata, A., Misewich, J.A., Heinz, T.F. High-speed circuit testing using surface second harmonic generation 33657
Nahm Kee Suk *see* Kee Suk Nahm
Nahm Kie Bong *see* Kie Bong Nahm
Nahm Seunghyeon *see* Seunghyeon Nahm
Nahm Sik Lee, Jae Hee Park Usability testing for a tele-radiology workstation 59855
Nahmad, D. *see* Cappelletti, P. 31259
Nahman Earthing effects of coated underground cables with metallic shields bonded to earth electrodes 38376
Nahman, J., Bulatovic, S. Power system operating cost and committed generation capacity planning 19589
Nahman, J., Graovac, M. Modeling the base load generating units with derated states in composite power system reliability evaluation 38226
Nahman, J.M. Enumeration of minimal cuts of modified networks 30380
Nahmani, A. *see* Alleysson, P. 23916
Nahmias, C. *see* Alirezaie, J. 59465
Nahmias, C. *see* Gordon, C.L. 49510
Nahn, S. *see* Adam, A. 37280
Nahon, L. *see* Marsi, M. 31782
Nahon, M. *see* Driscoll, F. 49984
Nahon, M. *see* Driscoll, R. 38091
Nahrstedt, K. *see* Philp, I.R. 57566
Nahrstedt, K. *see* Qiao, L. 46739
Nahum, A.E. *see* Klevenhagen, S.C. 18583
Nahum, A.E. *see* Thwaites, D.I. 18582
Nahum, C. *see* Cantalloube, H. 58439
Nai-Ben Min *see* Min Nai-Ben
Nai-Ben Ming *see* Shi-De Cheng 2983
Nai-Ben Ming *see* Shi-Ning Zhu 44742
Nai-Ben Ming *see* Yan-Feng Chen 32764
Nai-Ben Ming *see* Yan-Qing Lu 4067
Nai-Ben Ming *see* Yong-Yuan Zhu 3022
Nai-Ben Ming *see* Yong-Yuan Zhu 3495
Nai-Ben Ming *see* Yong-Yuan Zhu 60108
Nai-Han Dong *see* Dong Nai-Han
Nai-Hsiang Sun, Butler, J.K., Jieh-Ping Sih, Evans, G.A., Pang, L. Grating-assisted coupling of highly asymmetric dielectric waveguides 13645
Nai-Hsiang Sun *see* Lehmann, R.E. 34478
Nai-Jian Zhang *see* Ting-Yang Chen 18081
Nai-Yuan Liang *see* Yen-Ann Chen 55403
Naian Liu *see* Liu Naian
Naiben Min *see* Min Naiben
Naiben Ming *see* Aidong Li 43582
Naiben Ming *see* Li Sun 55159
Naiben Ming *see* Qi Luo 40524
Naiben Ming *see* Qi Luo 52855
Naibin Wang *see* Xiaohuan Yang 18938
Naicheng Shen *see* Shen Naicheng
Naidenko, V., Guseva, E. Calculation of the capacitance matrix of a nonperiodical sequence of drift tubes of varying dimensions with roundings in a circular shield 28002
Naidenko, V., Prokopenko, O. Analysis of electrodynamics systems of spatially developed electron devices with step shaped cells 41792
Naidenko, V.I. Increase of distance between rays in electrodynamic systems of spatially-developed electronic devices 4327
Naidenko, V.I. *see* Dudko, A.G. 45343
Naidu, B.Nagaraja *see* Nagaraja Naidu, B.
Naidu, B.S.K. India's strategy for future small hydro development 60575
Naidu, B.Srinivasulu *see* Srinivasulu Naidu, B.
Naidu, D.S., Lpizra, A. Analysis of the Syrian electric power system 28747
Naiguang Luj *see* Luj Naiguang
Naihong Mao *see* Mao Naihong
Naihong Wei *see* Wei Naihong
Naiji Li *see* Li Naiji
Naijoh, M., Sampei, S., Morinaga, N., Kamio, Y. Burst error sequence and effect of FEC in adaptive modulation systems 24642
Naik, A., Bhatnagar, P.S. Experimental investigations on ring coupled triangular microstrip antenna 4360
Naik, A., Sharma, A., Bhatnagar, P.S. Experimental study of circularly polarized dielectric filled waveguide antenna 4390
Naik, D. *see* Bellegarda, J.R. 14890
Naik, R.S. *see* Lutsky, J.J. 41517
Naik, S. *see* Peng-Wie Hsia 37824
Naikan, V.N.A. *see* Murty, A.S.R. 10217
Nail, M., Gibert, P., Miquel, J.L., Cuzin, M., Gentet, M.C., Gerbe, V., Lajzerowicz, J., Rouviere, P., Armengaud, L., Lalande, M., Jecko, B. Electrical single-pulse optoelectronic sampling of X-ray photodetector signals 33259
Nail, M. *see* Armengaud, L. 48529
Nail, M. *see* Ghis, A. 53081
Nailen, R.L. Utility rebates for efficient motors–the outlook for demand-side management 38688
Naili, M. *see* Suran, G. 3087
Nailon, W.H., McLaughlin, S., Spencer, T., Ramo, M.P. Intravascular ultrasound image interpretation 8045
Nailong Wu *see* Wu Nailong
Naiman, A.E., Babuka, I.M., Elman, H.C. A note on conjugate gradient convergence 52540
Naimark, L., Zeheb, E. An extension of the Levy-Desplanque theorem and some stability conditions for matrices with uncertain entries 30596
Naini, H. *see* Yip, L. 207
Naipin Li *see* Li Naipin
Naiping Cheng *see* Cheng Naiping
Naiqian Zhang *see* Zhang Naiqian
Nair, A.N. A DAVIC-compliant hardware reference platform for a cable home communications terminal 16480
Nair, D., Aggarwal, J.K. Hierarchical, modular architectures for object recognition by parts 5133
Nair, D., Aggarwal, J.K. Robust automatic target recognition in second generation FLIR images 25474
Nair, D. *see* Wilson, L.S. 49450
Nair, I. *see* Bergamaschi, R.A. 31163
Nair, I. *see* Jun Zhang 59836
Nair, K.G. *see* Deepukumar, M. 34358
Nair, K.G. *see* George, J. 1556
Nair, K.G. *see* George, J. 4392
Nair, K.G. *see* George, J. 34429
Nair, K.G. *see* Mathew, T. 6887
Nair, K.G. *see* Rao, M.S.R. 1557
Nair, K.G. *see* Stephen, D.S. 4225
Nair, K.R.Suresh *see* Suresh Nair, K.R.
Nair, L.G. *see* Singh, S. 3951
Nair, M.Thaxiban *see* Thaxiban Nair, M.
Nair, N. *see* Varadarangan, K. 4395
Nair, P., Sivaram, B.M., Raina, J.P. Gain and noise characteristics of co- and contradirectionally pumped EDFAs with signal upconversion losses at different pump wavelengths 23825
Nair, P., Sivaram, B.M., Raina, J.P. Evidence for quasi 4-level operation of erbium doped fiber lasers on various laser transitions through studies of laser relaxation oscillations under pump modulation 33428
Nair, P.K. *see* Gonzalez, A.E.J. 2006
Nair, P.K. *see* Rincon, M.E. 33238
Nair, P.K. *see* Rincon, M.E. 33239
Nair, P.K. *see* Rincon, M.E. 52787
Nair, P.S. *see* Kalaiya, J.B. 60512
Nair, R., Hunt, D.H., Malis, A.G. Robust flow control for legacy data applications over integrated services ATM networks 26262
Nair, R., Lin, C., Haynes, L., Kelley, B., Levy, R., Prasad, P. Automatic dependency model generation using SPICE event driven simulation 31610
Nair, R. *see* Haynes, L. 36389
Nair, V.S.S., Kim, H.C., Krishnamurthy, N., Abraham, J.A. Design and evaluation of automated checks for signal processing applications 24898
Nairn, D.G., Biman, A. A comparative analysis of switched-current circuits 11515
Naishadham, K., Misra, P. Order recursive method of moments (ORMoM) for iterative design applications 21941
Naishadham, K. *see* Misra, P. 11737
Naishadham, K. *see* Nuteson, T.W. 53554
Naito, C. *see* Burkhart, A. 39847
Naito, F. *see* Feschenko, A.V. 37134
Naito, H., Kohsaka, Y., Cooke, D., Arashi, H. Development of a solar receiver for a high-efficiency thermionic/thermoelectric conversion system 61101
Naito, H. *see* Mikawa, T. 6850
Naito, H. *see* Murakami, S. 44101
Naito, H. *see* Nakajima, Y. 25725
Naito, H. *see* Nakazawa, Y. 29790
Naito, H. *see* Sato, Y. 49504
Naito, H. *see* Yugami, H. 29156
Naito, H. *see* Zoroofi, R.A. 18268
Naito, H. *see* Zoroofi, R.A. 59461
Naito, I. *see* Deguchi, H. 56117
Naito, K. *see* Matsuoka, R. 8929
Naito, K. *see* Pigini, A. 8923
Naito, M. *see* Kuroiwa, S. 26055
Naito, M. *see* Yagisawa, K. 1170
Naito, M. *see* Yamaha, T. 2453
Naito, S., Hoshi, M., Mashimo, S. A method of measuring surface permittivity by microwave dielectric analysis 7550
Naito, S. *see* Takagi, T. 56305
Naito, S. *see* Takagi, T. 56356
Naito, T., Hayano, H., Kashiwa, S., Takeda, S., Urakawa, J. OTR monitor for ATF linac 49200
Naito, T. *see* Kashiwagi, S. 49209
Naito, T. *see* Nakasugi, T. 32316
Naito, T. *see* Terahara, T. 48004
Naito, T. *see* Umeno, T. 39342
Naito, T. *see* Yoneda, M. 26372
Naito, Y., Anzai, H., Yamazaki, T., Mizumoto, T. Criteria for absorber's reflectivity lined in semi-anechoic chambers using ray-tracing technique 45241
Naito, Y., Miyazaki, T., Kuroda, I. A fast full-search motion estimation method for programmable processors with a multiply-accumulator 25663
Naito, Y., Tokuda, K., Kaneko, M. An adaptive algorithm based on nonuniform resolution filter 34816
Naito, Y. *see* Anzai, H. 4235
Naito, Y. *see* Anzai, H. 45242
Naito, Y. *see* Emori, Y. 13661
Naito, Y. *see* Inoue, K. 10157
Naitoh, H. *see* Nakazawa, Y. 60843
Naitoh, H. *see* Tadakuma, S. 50997
Naixiang Chen *see* Chen Naixiang
Najafabadi, R.M., Peterson, A.F. Conformable phased array antennas for microwave hyperthermia 37766
Najafi, K. *see* Selvakumar, A. 48486
Najafi, K. *see* Yazdi, N. 7315
Najafi, S.I. *see* Fournier, P. 33083
Najgebauer, A., Nowicki, T. The modelling and simulation of military mobile network 36040
Naji, A., Ghanbaja, J., Humbert, B., Willmann, P., Billaud, D. Electroreduction of graphite in $LiClO_4$-ethylene carbonate electrolyte. Characterization of the passivating layer by transmission electron microscopy and Fourier-transform infrared spectroscopy 29566
Naji, A., Ghanbaja, J., Willmann, P., Humbert, B., Billaud, D. First characterization of the surface compounds formed during the reduction of a carbonaceous electrode in $LiClO_4$-ethylene carbonate electrolyte [Li-ion batteries] 29543
Najim, M. *see* Alata, O. 56775
Najim, M. *see* Attallah, S. 15353
Najim, M. *see* Attallah, S. 45765
Najim, M. *see* Buzenac, V. 25662
Najim, M. *see* Guillon, S. 56977
Najim, M. *see* Rajouani, A. 4586
Najim, M. *see* Rouquette, S. 45766
Najim, M. *see* Sayadi, M. 15288
Najjar, N. *see* Chedid, R. 10574
Najjar, Y.S.H. Comparison of performance for cogeneration systems using single- or twin-shaft gas turbine engines 50790
Najjar, Y.S.H. *see* Lamfou, N.J. 29103
Najjari, H., Steiner, S.J. 3D CAD-based object recognition for a flexible assembly cell 35015
Najm, E. *see* Fudoli, T.R.T. 26358
Najm, E. *see* Samou, J.C. 47278
Najm, F.N. Towards a high-level power estimation capability 21609
Najm, F.N. *see* Nemani, M. 11328
Najmabadi, F. Fusion power plants–goals and technological challenges 19475
Najman, L., Schmitt, M. Geodesic saliency of watershed contours and hierarchical segmentation 15952
Najmi, O., Montero, I., Galan, L., Albella, J.M. Carbon incorporation during the dielectric breakdown process of silicon oxide 54898
Najmudin, Z. *see* Amiranoff, F. 17898
Nak Young Lee *see* Do Sun Bai 10047
Naka, A. *see* Iwatsuki, K. 26460
Naka, A. *see* Saito, S. 16749
Naka, H. *see* Matsuda, N. 52756
Naka, H. *see* Muramatsu, R. 27129
Naka, T. *see* Adan, A.O. 22815
Naka, T. *see* Adan, A.O. 22970
Naka, T. *see* Adan, A.O. 43318
Naka, T. *see* Kaneko, S. 43262
Nakaarai, T. *see* Hatsugai, N. 38673
Nakabayashi, M. *see* Nakahigashi, T. 30930
Nakabayashi, T. *see* Hamakawa, A. 14194
Nakabayashi, T. *see* Uehara, T. 2803
Nakachi, T., Yamashita, K., Hamada, N. An extended lattice model of two-dimensional autoregressive fields 15350
Nakachi, T., Yamashita, K., Hamada, N. A 2-D adaptive joint-process lattice estimator for image restoration 35053
Nakachi, T. *see* Watanabe, N. 56521
Nakachi, T. *see* Yamashita, K. 34714
Nakada, A., Kanemoto, K., Oka, M.M., Tamai, Y., Ohmi, T. Influence of fluorine in BF_2^+ implantation on the formation of ultrashallow and low-leakage silicon p$^+$n junctions by 450-500°C annealing 32157
Nakada, A. *see* Aharoni, H. 31941

Nakada, H. *see* Miyazaki, T. 11272
Nakada, K., Yokota, T., Yokoyama, S., Asakawa, A., Hashimoto, A. Study of failure rates of surge arresters on power distribution lines due to direct lightning hits 60370
Nakada, T., Iga, D., Ohbo, H., Kunioka, A. Effects of sodium on Cu(In,Ga)Se_2-based thin films and solar cells 42029
Nakada, T., Kume, T., Kunioka, A. Superstrate-type $CuInSe_2$ thin film solar cells with selenide buffer layers 39096
Nakada, Y., Yamada, E., Oishi, K., Shirakawa, S. Temporary overvoltage capability of surge arresters for 1000 kV power systems 28939
Nakada, Y. *see* Tanabe, T. 27667
Nakadai, K. *see* Kashino, K. 15154
Nakadai, Y., Sugimoto, K., Sakurai, T., Nishino, Y. A robust speaker-dependent word recognition technique and its application to a home telephone system 46956
Nakadaira, A., Tanaka, H. Growth of zinc-blende GaN on GaAs (100) substrates at high temperature using low-pressure MOVPE with a low V/III molar ratio 52728
Nakadan, Y., Hagimoto, K., Oh, C.H., Ikegami, T., Koga, Y., Ohshima, S. Reconstruction of optically pumped Cs frequency standard at NRLM 27255
Nakadan, Y. *see* Ohshima, S. 48296
Nakadate, S. Phase shifting speckle shearing polarization interferometer using a birefringent wedge 7632
Nakadate, S., Isshiki, M. Real-time vibration measurement by a spatial phase-shifting technique with a tilted holographic interferogram 33739
Nakade, M. *see* Cha, Y.S. 32954
Nakade, M. *see* Takahashi, M. 38434
Nakae, A., Kamon, K., Hanawa, T., Moriizumi, K., Nakao, S. Precision improvement in optical proximity correction by optimizing second illumination source shape 32259
Nakae, A. *see* Hanawa, T. 2533
Nakae, A. *see* Nakao, S. 42891
Nakae, N. *see* Takahashi, A. 58904
Nakae, T. *see* Aoki, T. 58309
Nakafuji, G. *see* Bowers, R.L. 9367
Nakagaki, A., Shibata, K., Miyanaga, Y., Tochinai, K. Adaptive spectrum estimation considering the time variation in analysis intervals 45858
Nakagami, H. Lifestyle change and energy use in Japan: household equipment and energy consumption 9741
Nakagami, H. *see* Wilhite, H. 9728
Nakagami, Y. *see* Miyamoto, M. 9305
Nakagata, N. *see* Fujii, H. 26938
Nakagata, N. *see* Tachikawa, K. 26558
Nakagawa, A. Recent advances in high voltage SOI technology for motor control and automotive applications 21487
Nakagawa, A., Yamaguchi, Y., Yasuhara, N., Hirayama, K., Funaki, H. New high voltage SOI device structure eliminating substrate bias effects 42926
Nakagawa, A. *see* Abe, Y. 4211
Nakagawa, A. *see* Imai, T. 6010
Nakagawa, A. *see* Kawaguchi, Y. 54669
Nakagawa, A. *see* Kitagawa, M. 32353
Nakagawa, A. *see* Kitagawa, M. 54666
Nakagawa, A. *see* Makino, S. 15013
Nakagawa, F., Sawa, T., Nakano, Y., Hagiwara, S. Delamination growth and thermal stress at the interface of adhesive joints under uniform temperature changes 30273
Nakagawa, G. *see* Tanaka, K. 26915
Nakagawa, H., Okazaki, S., Asakura, S., Fukuda, K., Takeuchi, N., Hayashi, T. A single mode optical fiber pressure sensor for gas insulated equipments 58820
Nakagawa, H., Tanaka, H., Kasama, A., Miyamura, K., Masumoto, H., Matsubara, K. Thermoelectric properties of $CoSb_3$ prepared by copper mold quenching technique 31916
Nakagawa, H., Yamazato, T., Katayama, M., Ogawa, A. Bit interleaved trellis coded 16 DAPSK on fading channels 35906
Nakagawa, H. *see* Fujimoto, T. 27526
Nakagawa, H. *see* Matsui, H. 23590
Nakagawa, H. *see* Nojiri, K. 60231
Nakagawa, H. *see* Yamazato, T. 45511
Nakagawa, I. *see* Mineta, T. 27925
Nakagawa, J., Shimizu, K., Mizuochi, T., Takano, K., Motoshima, K., Kitayama, T. 10 Gbit/s-270 km non-repeated optical transmission experiment with high receiver sensitivity 16831
Nakagawa, K. Large-capacity optical communication systems 26857
Nakagawa, K., Koshi, H., Minemoto, T. Temporal behavior of phase conjugate wave in self-pumped phase conjugator with internal total reflection 14358
Nakagawa, K., Minemoto, T. Recording and readout properties of PRIZ spatial light modulator in photorefractive crystal 55312
Nakagawa, K., Ohzu, H., Akasaka, Y., Tomimatsu, N. Durable MCFC electrolyte plate consisting of α-and β-$LiAlO_2$ 51505
Nakagawa, K., Suzuki, Y., Jono, T. The evaluation and qualification test of laser diode for optical inter-orbit communications engineering test satellite 28540
Nakagawa, K., Yamamoto, A. Engineering model test of LUCE (laser utilizing communications equipment) 6845
Nakagawa, K. *see* Aida, K. 26743
Nakagawa, K. *see* de Labachelerie, M. 27371
Nakagawa, K. *see* Fukuda, M. 54220
Nakagawa, K. *see* Haruki, T. 32256
Nakagawa, K. *see* Konishi, Y. 56119
Nakagawa, K. *see* Matsumoto, K. 51555
Nakagawa, K. *see* Miyao, M. 1978
Nakagawa, K. *see* Mukai, T. 6671
Nakagawa, K. *see* Nirasawa, H. 19661
Nakagawa, K. *see* Ogawa, K. 46691
Nakagawa, K. *see* Ohkawa, M. 1330
Nakagawa, K. *see* Onae, A. 27820
Nakagawa, K. *see* Sena, K. 16351
Nakagawa, K. *see* Yamamoto, N. 2479
Nakagawa, K. *see* Zinkann, G.P. 49144
Nakagawa, M., Akiyama, K., Tu, L.V., Homma, A., Higashiyama, T. Robust and highly customizable recognition of online handwritten Japanese characters 5606
Nakagawa, M., Kawabata, S., Nishiyama, K., Utsunomiya, K., Yamamoto, I., Wada, T., Yamashita, Y., Yamashita, N. Analytical detection system of mixed odor vapors using chemiluminescence-based gas sensor 17588
Nakagawa, M. *see* Adachi, T. 6593
Nakagawa, M. *see* Adachi, T. 26656
Nakagawa, M. *see* Atarashi, H. 47706
Nakagawa, M. *see* Esmailzadeh, R. 58212
Nakagawa, M. *see* Huang, W. 6604
Nakagawa, M. *see* Kohno, R. 58207
Nakagawa, M. *see* Michael, L.B. 26377
Nakagawa, M. *see* Mizui, K. 48087
Nakagawa, M. *see* Morinaga, N. 26343
Nakagawa, M. *see* Nakayama, M. 35818
Nakagawa, M. *see* Raziq, P. 16791
Nakagawa, M. *see* Schafer, P. 6471
Nakagawa, M. *see* Sourour, E.A. 26375
Nakagawa, M. *see* Takeda, D. 26530
Nakagawa, M. *see* Young-An Kim 26376
Nakagawa, N. *see* Biswas, P. 41228
Nakagawa, N. *see* Osaka, Y. 52775
Nakagawa, N. *see* Tanizawa, M. 12978
Nakagawa, O. *see* Baba, S. 239
Nakagawa, O.S. *see* Oh, S.-Y. 2753
Nakagawa, O.S. *see* Oh, S.Y. 43240
Nakagawa, S., Kato, Y., Nakai, S., Ogura, K., Saito, H. Self-sizing network operation systems in ATM networks 35635
Nakagawa, S., Saito, T. An RC OTA hysteresis chaos generator 1158
Nakagawa, S., Saito, T. An RC OTA hysteresis chaos generator 11203
Nakagawa, S., Sumita, S. New performance measure and overload control for switching systems with focused traffic 47477
Nakagawa, S., Ueno, S., Iramina, K., Weinberg, H. MEG and EEG evoked by verbal cognitive tasks 8049
Nakagawa, S., Yamamoto, K. Evaluation of segmental unit input HMM 15030
Nakagawa, S. *see* Kuno, Y. 5653
Nakagawa, S. *see* Yamamoto, M. 56394
Nakagawa, T., Koyama, H., Koshida, N. Control of structure and optical anisotropy in porous Si by magnetic-field assisted anodization 2366
Nakagawa, T., Nosaka, H. A direct digital synthesizer with interpolation circuits 1157
Nakagawa, T. *see* Hasegawa, K. 6385
Nakagawa, T. *see* Itatani, T. 33255
Nakagawa, T. *see* Kanda, A. 53687
Nakagawa, T. *see* Kinosada, Y. 7949
Nakagawa, T. *see* Korogi, Y. 59489
Nakagawa, T. *see* Nishimura, K. 41801
Nakagawa, T. *see* Ohmori, H. 13013
Nakagawa, T. *see* Satow, T. 52336
Nakagawa, T. *see* Sugaya, T. 22356
Nakagawa, T. *see* Tsukahara, T. 41482
Nakagawa, T. *see* Ugai, Y. 44084
Nakagawa, T. *see* Ugai, Y. 48794
Nakagawa, T. *see* Yasui, K. 26016
Nakagawa, T. *see* Yasui, K. 46746
Nakagawa, Y. *see* Iijima, T. 48841
Nakagawara, K. *see* Inaba, T. 39409
Nakagi, Y. *see* Sone, T. 27663
Nakagiri, K., Umezu, J., Ohta, Y., Kajita, M., Kotake, N., Morikawa, T. Design and preliminary results of a vertical cesium beam frequency standard 48320
Nakagiri, K. *see* Shibuki, M. 7136
Nakagiri, N. *see* Sugimura, H. 2482
Nakagiri, N. *see* Sugimura, H. 22733
Nakagiri, T. *see* Albrecht, O. 21323
Nakagome, H. *see* Chandratilleke, G.R. 43840
Nakagome, H. *see* Kuriyama, T. 51873
Nakagome, H. *see* Takahashi, M. 38434
Nakagome, H. *see* Tsukagoshi, T. 51874
Nakagome, Y. *see* Itoh, K. 1387
Nakagome, Y. *see* Itoh, K. 53290
Nakagome, Y. *see* Kobayashi, K. 37531
Nakagome, Y. *see* Nishio, K. 37467
Nakagome, Y. *see* Watanabe, T. 1388
Nakagomi, M. *see* Agawa, H. 27390
Nakagomi, S., Iriyama, T., Yamamoto, T. Evaluation of hydrogen-sensitive switching device by capacitance-voltage method 48722
Nakaguro, H. *see* Yoneda, N. 45348
Nakahama, S. *see* Senjyu, T. 29676
Nakahara, H. Review of the current status of laser direct imaging [PCB manufacture] 1798
Nakahara, H. Pacific Asian electronic equipment & PWB production 9971
Nakahara, H. *see* Maruno, S. 31730
Nakahara, H. *see* Miyao, M. 1978
Nakahara, J. *see* Kobayashi, T. 22225
Nakahara, J. *see* Suemune, I. 40468
Nakahara, K. *see* Shidara, T. 49303
Nakahara, M. A fast computer algorithm for switching converters 29405
Nakahara, S. *see* Abys, J.A. 926
Nakahara, S. *see* Chu, S.N.G. 24008
Nakahara, S. *see* Liu, C.T. 32155
Nakahara, T. *see* Izutani, S. 60540
Nakahara, T. *see* Matsuo, S. 3665
Nakahara, T. *see* Matsuo, S. 7322
Nakahara, Y., Takeuchi, K., Tatsumi, T., Ochiai, Y., Manako, S., Samukawa, S., Furukawa, A. Ultra-shallow in-situ-doped raised source/drain structure for sub-tenth micron CMOS 2807
Nakahara, Y. *see* Mizukata, K. 27803
Nakahata, A., Kadoya, K., Kawase, Y., Yamaguchi, T. 3-D finite element analysis of electromagnets with permanent magnet taking into account magnetizing process 44985
Nakahata, H. *see* Shikata, S. 13376
Nakahata, M. *see* Jing-Long Wu 27798
Nakahigashi, T., Hayashi, T., Izumi, Y., Kobayashi, M., Kuwahara, H., Nakabayashi, M. Properties of a-Si:H film deposited by amplitude-modulated RF plasma chemical vapour deposition for thin film transistor 30930
Nakahira, H., Fukuda, M., Yamamoto, A., Sakiyama, S., Maruyama, M. Digital neuro chip with Adaptive Segmentation of Quantizer neuron Architecture (ASQA) 41382
Nakahira, H. *see* Maruyama, M. 1473
Nakahira, K. *see* Okuno, A. 52239
Nakahira, Y. *see* Yokouchi, N. 14130
Nakahori, I., Washino, S. Technology trends of systems integration in automotive electronics 9696
Nakai, H., Kabe, A., Kojima, Y., Hara, K., Hosoyama, K., Morita, Y., Shintomi, T., Terashima, A. Magnetic field measurement of superconducting dipole magnets with harmonic coil and Hall probe 43844
Nakai, H. *see* Doi, M. 37082
Nakai, H. *see* Hosoyama, K. 49159
Nakai, H. *see* Hosoyama, K. 49160
Nakai, H. *see* Kajioka, H. 36589
Nakai, H. *see* Kato, A. 48952
Nakai, H. *see* Kondou, Y. 39365
Nakai, H. *see* Morita, Y. 43846
Nakai, H. *see* Nishihara, M. 58905
Nakai, I. *see* Okada, T. 53799
Nakai, K., Yamamoto, G. Universal biquadratic filters using current conveyors 53423
Nakai, K. *see* Iwasaki, T. 678
Nakai, K. *see* Miyaso, H. 16479
Nakai, M. *see* Nagaoka, M. 1742
Nakai, R. *see* Sawada, S. 31845
Nakai, S. *see* Ishitobi, N. 11649
Nakai, S. *see* Kiriyama, H. 55565
Nakai, S. *see* Nakagawa, S. 35635
Nakai, S. *see* Ohkubo, K. 53935
Nakai, S. *see* Roy, P.K. 1910
Nakai, S. *see* Sharma, L.B. 14341
Nakai, S. *see* Sharma, L.B. 33460
Nakai, S. *see* Yoshida, H. 44409
Nakai, T. *see* Kasezawa, T. 48231
Nakai, T. *see* Matsumura, Y. 5260
Nakai, T. *see* Shabani, M.B. 42356
Nakai, T. *see* Shibata, T. 53495
Nakai, T. *see* Sudou, M. 22511
Nakai, Y. *see* Ichinose, N. 2073
Nakai, Y. *see* Kamada, T. 36308
Nakai, Y. *see* Nakakura, Y. 48218
Nakajima, A., Futatsugi, T., Kosemura, K., Fukano, T., Yokoyama, N. Room temperature operation of Si single-electron memory with self-aligned floating dot gate 41151
Nakajima, A., Futatsugi, T., Kosemura, K., Fukano, T., Yokoyama, N. Room temperature operation of Si single-electron memory with self-aligned floating dot gate 43145
Nakajima, A., Nozaka, K., Mori, M., Nagayama, K. Latest technologies for EV driving systems contributing to environmental preservation 29747
Nakajima, A. *see* Mizuno, T. 29773
Nakajima, A. *see* Saito, Y. 6601
Nakajima, A. *see* Shinozaki, M. 57973
Nakajima, A. *see* Yamamoto, K. 39029
Nakajima, H. A generalized expression for collector transit time of heterojunction bipolar transistors taking account of electron velocity modulation 42951
Nakajima, H., Charil, J., Leroy, A., Robein, D., Gloukhian, A., Pierre, B., Grosmaire, S., Raffle, Y., Landreau, J. Optical crosstalk reduction of 1.3 μm/1.55 μm full-diplex in-line PIC transceiver 26910
Nakajima, H., Leroy, A., Charil, J. Full-duplex performance assessment of in-line transceivers emitting at 1.3 μm and receiving at 1.55 μm 6729
Nakajima, H., Nishio, M., Enome, S., Shibasaki, K., Takano, T., Hanaoka, Y., Torii, C., Sekiguchi, H., Bushimata, T., Kawashima, S., Shinohara, N., Irimajiri, Y., Koshiishi, H., Kosugi, T., Shiomi, Y.,

Sawa, M., Kai, K. New Nobeyama Radioheliograph 7024
Nakajima, H., Nunoya, Y., Nozawa, M., Ivano, O., Takano, K., Ando, T., Kawasaki, T., Hanawa, H., Seki, S., Tsuji, H., Sato, Y., Yamamoto, A., Ohkita, S. Development of high strength austenitic stainless steel for conduit of Nb_3Al conductor 52832
Nakajima, H., Ueda, Y. A simple model of riddled basin in chaotic synchronization 21473
Nakajima, H., Yamamoto, T., Matsuzaka, F., Hara, H., Fujii, M., Kai, K. Atmospheric environmental monitoring by an eye-safe laser radar 38111
Nakajima, H. *see* Delprat, D. 23944
Nakajima, H. *see* Matsuda, S. 197
Nakajima, H. *see* Minami, K. 49639
Nakajima, H. *see* Okamoto, K. 41207
Nakajima, H. *see* Okazaki, H. 21955
Nakajima, H. *see* Ramdane, A. 26813
Nakajima, H. *see* Tanimoto, S. 16278
Nakajima, H. *see* Yoshikawa, M. 50365
Nakajima, I. *see* Aritomi, M. 36973
Nakajima, I. *see* Ishihara, T. 47327
Nakajima, K. Development of ultra-high-gradient particle accelerators 17914
Nakajima, K. NEC's 13.3-inch TFT LCD uses multiple IC output, expands display area for notebook computers 36799
Nakajima, K., Kusunoki, T. Constant temperature LEC growth of InGaAs ternary bulk crystals using the double crucible method 40298
Nakajima, K. *see* Akasaka, Y. 2429
Nakajima, K. *see* An-Yeu Wu 1499
Nakajima, K. *see* Chen, J. 3284
Nakajima, K. *see* Hiyamizu, S. 42109
Nakajima, K. *see* Izumikawa, M. 21731
Nakajima, K. *see* Kitahara, K. 12301
Nakajima, K. *see* Koga, H. 41166
Nakajima, K. *see* Kurisu, M. 26417
Nakajima, K. *see* Nagai, A. 14971
Nakajima, K. *see* Ogata, A. 18018
Nakajima, K. *see* Takagi, M.T. 43276
Nakajima, K. *see* Yamaguchi, H. 41538
Nakajima, K. *see* Yamashita, H. 32261
Nakajima, M., Mukae, K., Tsutsumi, M., Kaneko, H. Development of surge arrester of GIS for non-effectively grounded system 9428
Nakajima, M., Nonaka, S., Sambe, Y., Nakamura, T. A study on frame structure of segment-based coding 46098
Nakajima, M., Saruta, S., Takahashi, H. Hair image generating algorithm using fractional hair model 56675
Nakajima, M. *see* Kaneko, M. 17056
Nakajima, M. *see* Kong, W.M. 35249
Nakajima, M. *see* Liu, Y. 15819
Nakajima, M. *see* Nakamura, K. 44550
Nakajima, M. *see* Saito, S. 15821
Nakajima, M. *see* Tanaka, H. 60525
Nakajima, M. *see* Watanabe, E. 43512
Nakajima, M. *see* Yamada, K. 37071
Nakajima, N. Scanning phase-retrieval system with an exponential-filtered probe 15690
Nakajima, N. Reconstruction of a complex-valued object under illumination with random light in coherent imaging through a random phase screen 46121
Nakajima, N., Tsuchiya, T., Kamimura, T., Yamada, K. Analysis of address layout on Japanese handwritten mail–a hierarchical process of hypothesis verification 5643
Nakajima, N. *see* Ara, K. 19505
Nakajima, N. *see* Mandai, H. 16604
Nakajima, N. *see* Oguri, Y. 33250
Nakajima, N. *see* Okuno, K. 49454
Nakajima, N. *see* Serizawa, M. 6312
Nakajima, N. *see* Watanabe, M. 51501
Nakajima, O. *see* Fukano, H. 13841
Nakajima, O. *see* Fukano, H. 55433
Nakajima, O. *see* Ishibashi, T. 16817
Nakajima, O. *see* Kato, K. 3434
Nakajima, O. *see* Muramoto, Y. 23683
Nakajima, S. Clock recovery circuit with cyclic filters 11587
Nakajima, S., Takeda, T. Failure analysis in halfmicron and quartermicron eras 2769
Nakajima, S. *see* Chun, Y.-J. 716
Nakajima, S. *see* Chun, Y.J. 12481
Nakajima, S. *see* Doi, K. 31603
Nakajima, S. *see* Hata, N. 18387
Nakajima, S. *see* Shiga, N. 53625
Nakajima, S. *see* Shiomi, S. 37630
Nakajima, S. *see* Takahashi, K. 44276
Nakajima, S. *see* Yoshioka, H. 39168
Nakajima, T., Tokuda, H. User-level real-time network system on Real-Time Mach 6318
Nakajima, T. *see* Funada, K. 6274
Nakajima, T. *see* Groult, H. 29526
Nakajima, T. *see* Hayashi, Y. 2443
Nakajima, T. *see* Ji-Yuan Liu 7575
Nakajima, T. *see* Nishihara, A. 282
Nakajima, T. *see* Tachimori, M. 42293
Nakajima, T. *see* Yamaguchi, I. 17817
Nakajima, Y., Nogawa, H., Sato, Y., Naito, H., Tamura, S., Takemoto, Y. Estimation and feature extraction of velocity field of blood flow from DSA images of aortic arch 25725
Nakajima, Y., Omura, Y. Electron mobility in nMOSFETs/SIMOX with a 2-nm-thick silicon layer 12994
Nakajima, Y., Uchida, G., Nagao, T., Hasegawa, S. Two-dimensional adatom gas on the Si(111)-($\sqrt{3}\times\sqrt{3}$)-Ag surface detected through changes in electrical conduction 22441
Nakajima, Y., Ujihara, K., Yoneyama, A. Universal scene change detection on MPEG-coded data domain 57360
Nakajima, Y. *see* Nogawa, H. 25624
Nakajima, Y. *see* Omura, Y. 54645
Nakajima, Y. *see* Tanaka, K. 33378
Nakajou, T. *see* Lee, K.H. 7752
Nakakawaji, T. *see* Teshigawara, Y. 35633
Nakakita, E., Ikebuchi, S., Nakamura, T., Kanmuri, M., Okuda, M., Yamaji, A., Takasao, T. Short-term rainfall prediction method using a volume scanning radar and grid point value data from numerical weather prediction 38070
Nakakoshi, K. *see* Ishikawa, Y. 10692
Nakakuma, T. *see* Hirano, H. 1389
Nakakuma, T. *see* Hirano, H. 53292
Nakakura, Y., Kamada, T., Fukuoka, T., Nakai, Y., Ueda, K., Ota, K., Shiomi, T., Fukumoto, Y. Channel decoder LSI MN88411 for digital satellite TV broadcasting 48218
Nakakura, Y. *see* Kamada, T. 36308
Nakama, T. *see* Kudo, I. 14991
Nakamae, K., Fujii, M., Fujioka, H. Evaluation of wafer test process in LSI manufacturing system 10048
Nakamae, K., Orita, T., Fujioka, H. Image-based fault diagnosis method for multiple faults in CAD-linked electron beam test system 11255
Nakamae, K., Sakamoto, H., Fujioka, H. How ATE planning affects LSI manufacturing cost 17198
Nakamae, K. *see* Fujioka, H. 32506
Nakamae, K. *see* Miura, K. 40995
Nakamae, K. *see* Miura, K. 41079
Nakamae, M. *see* Kanda, A. 53687
Nakamae, M. *see* Tashiro, T. 22949
Nakamichi, M. *see* Morimoto, H. 36279
Nakamichi, T. *see* Kosaka, M. 27841
Nakamichi, Y. *see* Suzuki, H. 43524
Nakamori, A., Eguchi, N., Nakanishi, Y. High speed large capacity inverter for power system apparatus 51152
Nakamori, M. *see* Akiyama, J. 26037
Nakamori, M. *see* Kuboyama, H. 16260
Nakamori, S. Reduced-order estimation technique using covariance data of observed value in linear discrete-time systems 45868
Nakamoto, E., Qing-Ming Chen, Takeuchi, H., Brauer, J.R. Electromagnetic and structural coupled finite element analysis of active control in an anti-vibration device 44997
Nakamoto, J. *see* Sadahisa, T. 11934
Nakamoto, K. *see* Kakunai, S. 48899
Nakamoto, M., Hasegawa, T., Ono, T., Sakai, T., Sakuma, N. Low operation voltage field emitter arrays using low work function materials fabricated by transfer mold technique 41782
Nakamoto, M. *see* Nakayama, K. 11999
Nakamoto, S. *see* Takeno, H. 23158
Nakamoto, T., Ishida, H., Moriizumi, T. An odor compass for localizing an odor source 27725
Nakamoto, T., Yamaguchi, K., Abraha A., P. Consideration on the producing of high aspect ratio micro parts using UV sensitive photopolymer 23070
Nakamoto, T. *see* Hanaki, S. 36778
Nakamoto, T. *see* Ishida, H. 27723
Nakamoto, T. *see* Ishida, H. 27747
Nakamura, A., Shimura, T., Kuroda, K. Stabilization of an externally-pumped phase conjugator by the control of mean phases of incident beams 24206
Nakamura, A. *see* Akiyama, Y. 29334
Nakamura, A. *see* Hirai, T. 43352
Nakamura, A. *see* Noji, T. 21428
Nakamura, A. *see* Nonoyama, S. 54228
Nakamura, A. *see* Takahashi, A. 58904
Nakamura, A. *see* Takai, M. 32792
Nakamura, A. *see* Takai, M. 32793
Nakamura, A.I. *see* Milburn, H.B. 38084
Nakamura, D. *see* Ogihara, T. 4503
Nakamura, E., Kehtarnavaz, N., Wendt, R., III., Murphy, P. Automatic right ventricular ejection fraction computation from equilibrium and first-pass scintigraphic cardiac images 18290
Nakamura, E. *see* Hosokawa, H. 49608
Nakamura, E. *see* Ohgami, J. 2943
Nakamura, F. *see* Kikuchi, Y. 7244
Nakamura, F. *see* Kikuchi, Y. 43723
Nakamura, F. *see* Kim, Y.D. 21228
Nakamura, F. *see* Ooshima, M. 38716
Nakamura, F. *see* Toda, A. 40464
Nakamura, H. Relationship between sign lighting conditions and legibility 36801
Nakamura, H., Kamimura, Y., Yamada, Y., Amemiya, Y. Calculation of induced current inside human body in the vicinity of an electric shaver 28454
Nakamura, H., Komano, H., Sugihara, K., Koike, T., Higashikawa, I. Focused ion beam imaging of defects on deep UV single-layer halftone masks 22692
Nakamura, H., Komano, H., Sugihara, K., Koike, T., Higashikawa, I. Divot defect repair on a deep ultraviolet SiN, halftone mask 22710
Nakamura, H., Komatsu, H., Yoshio, M. Suppression of electrochemical decomposition of propylene carbonate at a graphite anode in lithium-ion cells 29553
Nakamura, H., Oda, T. Optimization of facility planning and circuit routing for survivable transport networks – an approach based on genetic algorithm and incremental assignment 46813
Nakamura, H., Okamura, T., Shioda, S. Experimental studies on Joule dissipation in a nonequilibrium MHD disk generator 39222
Nakamura, H., Shioda, S. Numerical simulation in nonequilibrium disk MHD generators considering fluctuation of seed fraction 39221
Nakamura, H., Shishikura, M., Tanaka, S., Matsuoka, Y., Ono, T., Miyazaki, T., Tsuji, S. High responsivity, low dark current, and highly reliable operation of InGaAlAs waveguide photodiodes for optical hybrid integration 23719
Nakamura, H. *see* Aita, K. 22691
Nakamura, H. *see* Jin-Ki Kim 1402
Nakamura, H. *see* Jin-Ki Kim 53294
Nakamura, H. *see* Kajita, S. 32750
Nakamura, H. *see* Kawabata, K. 48880
Nakamura, H. *see* Mishina, H. 11986
Nakamura, H. *see* Saito, Y. 6601
Nakamura, H. *see* Seguchi, T. 58089
Nakamura, H. *see* Tanaka, S. 2459
Nakamura, H. *see* Ugai, Y. 44084
Nakamura, I., Taba, M., Tomiyama, N., Tamamoto, H. Characteristics of the class E resonant DC-DC converter 38805
Nakamura, I. *see* Ishii, K. 49323
Nakamura, I. *see* Kajino, F. 37402
Nakamura, I. *see* Shishikura, M. 55429
Nakamura, I. *see* Yen-Wei Chen 15560
Nakamura, J., Maeda, T. Analysis of electrical characteristics of anodic foils with tunnel pits for electrolytic capacitors 41544
Nakamura, J. *see* Hirose, H. 5272
Nakamura, J. *see* Miyamoto, K. 43278
Nakamura, J. *see* Ohtake, A. 2250
Nakamura, J. *see* Zhou, Z. 17505
Nakamura, K. Elastic wave energy-trapping and its application to piezoelectric devices 2991
Nakamura, K. Precise hole array drilling of ceramics by excimer laser photo-ablation process 44842
Nakamura, K., Abe, F., Kasahara, K., Hara, T., Sato, M., Ito, H. Spectral characteristics of an all solid-state frequency-shifted feedback laser 14068
Nakamura, K., Amano, H. Design of longitudinally coupled SAW resonator filters with Chebyshev characteristics 13392
Nakamura, K., Fukaya, K. Optical fiber coupler array for multi-point sound field measurements 58797
Nakamura, K., Ho, S., Mangelsdorf, C., Nishio, K. A 3 V CMOS video acquisition channel 5270
Nakamura, K., Horowitz, M.A. A 50% noise reduction interface using low-weight coding 6386
Nakamura, K., Ide, T., Kiyokane, Y. Roles of multimedia technology in telework 47353
Nakamura, K., Kasahara, K., Sato, M., Ito, H. Spectral characteristics of all-solid-state frequency-shifted feedback laser 3778
Nakamura, K., Kishii, S., Arimoto, Y. Reconditioning-free polishing for interlayer-dielectric planarization 54447
Nakamura, K., Kobayashi, S., Tawada, S., Goto, T. Scanpath's wire length minimization and its short path error correction 53201
Nakamura, K., Kurokawa, A., Ichimura, S. Analysis by surface-sensitive second harmonic generation of Si(111)7×7 exposed to high-purity ozone jet for oxide film formation 54464
Nakamura, K., Kurokawa, M., Hashiguchi, A., Kanou, M., Aoyama, K., Okuda, H., Iwase, S., Yamazaki, T. Video DSP architecture and its application design methodology for sampling rate conversion 35071
Nakamura, K., Noro, A., Watanabe, T., Morita, T. Acoustic based location of corona discharge in oil-filled transformer 9303
Nakamura, K., Oshiba, S., Nakajima, M., Gotoh, S., Horikawa, H. Microampere laser threshold at 80°C with InGaAs/GaAs/InGaP buried heterostructure strained quantum well lasers 44550
Nakamura, K., Takeuchi, A., Yamamoto, N., Yamada, Y., Suzuki, Y.-I., Kawamura, I. Full-color antiferroelectric liquid crystal displays with high contrast ratio 48770
Nakamura, K., Yaba, M., Sato, T., Watanabe, K., Hirai, N. A twin-lens optical pickup for DVD applications 17105
Nakamura, K., Yoshino, T. Nondestructive optical fiber modulation using radiation mode coupling phenomena 36102
Nakamura, K. *see* Abe, H. 2993
Nakamura, K. *see* Abe, H. 7241
Nakamura, K. *see* Chang-Qing Xu 33626
Nakamura, K. *see* Chen, L.J. 42689
Nakamura, K. *see* Endoh, T. 41366
Nakamura, K. *see* Enokizono, M. 21997
Nakamura, K. *see* Fukushima, A. 27248
Nakamura, K. *see* Hwang, S.W. 12473
Nakamura, K. *see* Inarida, S. 20176
Nakamura, K. *see* Inarida, S. 29757
Nakamura, K. *see* Kimoto, S. 18592
Nakamura, K. *see* Kishii, S. 2360
Nakamura, K. *see* Kitamura, T. 33388

Nakamura, K. *see* Koike, T. 18960
Nakamura, K. *see* Konno, Y. 53086
Nakamura, K. *see* Nagai, M. 61347
Nakamura, K. *see* Neda, T. 17262
Nakamura, K. *see* Ninomiya, H. 23731
Nakamura, K. *see* Nishimura, Y. 23389
Nakamura, K. *see* Sakamoto, T. 12461
Nakamura, K. *see* Sakamoto, T. 22309
Nakamura, K. *see* Satonobu, J. 9277
Nakamura, K. *see* Suu, K. 2918
Nakamura, K. *see* Suu, K. 52796
Nakamura, K. *see* Toyoshima, H. 1333
Nakamura, K. *see* Xu, C.Q. 44661
Nakamura, K. *see* Yamada, K. 23589
Nakamura, K. *see* Yamashiro, S. 38312
Nakamura, K. *see* Yeong-Lin Lai 32267
Nakamura, K. *see* Yew, J.Y. 10722
Nakamura, K. *see* Yew, J.Y. 42695
Nakamura, M., Imacho, N., Osawa, S., Kato, H. Ice-road detection system using optical fiber sensor 59074
Nakamura, M., Ishihara, N., Akazawa, Y. A 156 Mbps CMOS clock recovery circuit for burst-mode transmission 1549
Nakamura, M., Ishihara, N., Akazawa, Y. A 156 Mb/s CMOS clock recovery circuit for burst-mode transmission 31410
Nakamura, M., Kakuda, Y., Kikuno, T. On constructing communication protocols from component-based service specifications 46726
Nakamura, M., Nakanishi, M., Yamamoto, K. Influence of physical properties of activated carbons on characteristics of electric double-layer capacitors 11768
Nakamura, M., Sugimoto, I., Kuwano, H. Chemical sensing system using plasma-synthesized organic films 17571
Nakamura, M., Tsukamoto, N. A notch circuit using CCVS without null condition among element values 41319
Nakamura, M. *see* Goto, S. 38927
Nakamura, M. *see* Hikosaka, Y. 54308
Nakamura, M. *see* Hojo, N. 19987
Nakamura, M. *see* Inoue, N. 24812
Nakamura, M. *see* Ishizawa, H. 48998
Nakamura, M. *see* Kishimoto, T. 35880
Nakamura, M. *see* Kitayama, K. 36096
Nakamura, M. *see* Kitayama, K. 57951
Nakamura, M. *see* Kondoh, J. 27518
Nakamura, M. *see* Koterayama, W. 50150
Nakamura, M. *see* Kurosaki, T. 3669
Nakamura, M. *see* Morimoto, S. 41474
Nakamura, M. *see* Nishida, S. 49628
Nakamura, M. *see* Nishikata, S. 51251
Nakamura, M. *see* Nonaka, N. 37380
Nakamura, M. *see* Shiomi, H. 12296
Nakamura, M. *see* Shirai, Y. 40549
Nakamura, M. *see* Sugimoto, I. 48723
Nakamura, M. *see* Suzuki, N. 23712
Nakamura, M. *see* Yeom, H.W. 2253
Nakamura, N., Kashimura, N., Motomura, K. CMIP to SNMP translation technique based on rule description 46939
Nakamura, N., Shioyama, Y., Ohsawa, S., Sugiki, T., Matsunaga, Y. Random noise generation mechanism for a CCD imager with an incomplete transfer-type storage diode 7403
Nakamura, N., Tsunomachi, H., Fukui, R. Road vehicle communication system for vehicle control using leaky coaxial cable 6586
Nakamura, N. *see* Hanabusa, M. 21356
Nakamura, N. *see* Hanabusa, M. 41869
Nakamura, N. *see* Sato, H. 32887
Nakamura, O., Morita, N., Okazaki, K. Quantitative evaluation of trigger-pulse reflected waves in supersonic extracorporeal shock-wave lithotriptor 8094
Nakamura, O. *see* Kajiwara, Y. 4934
Nakamura, O. *see* Kawata, S. 56543
Nakamura, O. *see* Kimura, S. 53907
Nakamura, O. *see* Kobayashi, T. 35177
Nakamura, O. *see* Maruo, S. 24318
Nakamura, O. *see* Matsuhashi, S. 4935
Nakamura, O. *see* Suzuki, H. 4936
Nakamura, R. *see* Tokumitsu, E. 41145
Nakamura, R. *see* Yasugi, H. 58854
Nakamura, R.-I. *see* Tokumitsu, E. 22852
Nakamura, S. InGaN light-emitting diodes with quantum-well structures 13882
Nakamura, S. III-V nitride based light-emitting devices 44297
Nakamura, S. First III-V-nitride-based violet laser diodes 44445
Nakamura, S. Blue/green semiconductor laser 44563
Nakamura, S. Blue-green light-emitting diodes and violet laser diodes 55456
Nakamura, S., Nakamura, Y., Ataka, M., Fujita, H. A study on patterning method of TiNi shape memory thin film 43413
Nakamura, S., Saito, K., Sawa, G. Electrical field dependence of conductivity and critical exponent of it for carbon black-resin composites 43508
Nakamura, S., Saitoh, H. Active-matrix VFD with phosphor on chip allows static graphic display mode 36800
Nakamura, S., Senoh, M., Nagahama, S.-I., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Continuous-wave operation of InGaN multi-quantum-well-structure laser diodes at 233 K 3870
Nakamura, S., Senoh, M., Nagahama, S.-I., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Room-temperature continuous-wave operation of InGaN multi-quantum-well structure laser diodes 23882
Nakamura, S., Senoh, M., Nagahama, S.-I., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Room-temperature continuous-wave operation of InGaN multi-quantum-well-structure laser diodes with a long lifetime 33519
Nakamura, S., Senoh, M., Nagahama, S.-I., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Longitudinal mode spectra and ultrashort pulse generation of InGaN multiquantum well structure laser diodes 33562
Nakamura, S., Senoh, M., Nagahama, S.-I., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Room-temperature continuous-wave operation of InGaN multi-quantum-well structure laser diodes with a lifetime of 27 hours 44452
Nakamura, S., Tajima, K. Analysis of subpicosecond full-switching with a symmetric Mach-Zehnder all-optical switch 33627
Nakamura, S., Takiguchi, T., Shikano, K. Noise and room acoustics distorted speech recognition by HMM composition 15127
Nakamura, S. *see* Carlos, W.E. 13881
Nakamura, S. *see* Carlos, W.E. 42229
Nakamura, S. *see* Chichibua, S. 12502
Nakamura, S. *see* Hanada, T. 26919
Nakamura, S. *see* Kaito, T. 60830
Nakamura, S. *see* Kashiwagi, S. 49209
Nakamura, S. *see* Kishida, T. 19787
Nakamura, S. *see* Kitamura, N. 44005
Nakamura, S. *see* Kuji, N. 11143
Nakamura, S. *see* Nakamura, Y. 13179
Nakamura, S. *see* Nakashima, S. 22971
Nakamura, S. *see* Narukawa, Y. 42098
Nakamura, S. *see* Nishii, T. 11880
Nakamura, S. *see* Nishikawa, T. 24043
Nakamura, S. *see* Okamura, H. 1264
Nakamura, S. *see* Takiguchi, T. 15105
Nakamura, S. *see* Watanabe, K. 36595
Nakamura, S. *see* Ponce, F.A. *(editor)* 20309
Nakamura, T., Shiba, T., Ikeda, T. Bipolar and BiCMOS on SOI 42310
Nakamura, T., Takahashi, T., Kuroyanagi, H., Yanagisawa, H. Hands free system for cars 58221
Nakamura, T., Takamura, S., Asada, M. Behaviour-based map representation for a sonar-based mobile robot by statistical methods 36894
Nakamura, T., Tokumaru, S., Ito, S. SAR inside human body protected by lossy dielectric shield 59852
Nakamura, T., Tokumaru, S., Itoh, S. Reduction of SAR in human body by lossy dielectric shield 18581
Nakamura, T., Tsuruoka, K., Fukushima, K., Uda, A., Hosono, Y., Kurata, K., Torikai, T. High efficiency 1.3 μm strained multi-quantum well lasers entirely grown by MOVPE for passive optical network use 55668
Nakamura, T. *see* Ando, A. 7771
Nakamura, T. *see* Ando, D. 13378
Nakamura, T. *see* Gavrilov, N.M. 50064
Nakamura, T. *see* Guo, S. 28059
Nakamura, T. *see* Hagihara, Y. 41206
Nakamura, T. *see* Ichiya, M. 2856
Nakamura, T. *see* Ichiya, M. 23086
Nakamura, T. *see* Ichiyanagi, T. 52124
Nakamura, T. *see* Igarashi, K. 50050
Nakamura, T. *see* Kim, H. 12777
Nakamura, T. *see* Kobayashi, K. 43060
Nakamura, T. *see* Kominami, H. 13818
Nakamura, T. *see* Kurosawa, T. 59851
Nakamura, T. *see* Makino, M. 35047
Nakamura, T. *see* Matsuhashi, H. 2643
Nakamura, T. *see* Matsumoto, Y. 36532
Nakamura, T. *see* Mori, H. 32979
Nakamura, T. *see* Muroya, Y. 33536
Nakamura, T. *see* Nakajima, M. 46098
Nakamura, T. *see* Nakakita, E. 38070
Nakamura, T. *see* Narita, Y. 8005
Nakamura, T. *see* Ohta, T. 7044
Nakamura, T. *see* Oka, T. 31496
Nakamura, T. *see* Oka, T. 41447
Nakamura, T. *see* Otsuka, K. 24186
Nakamura, T. *see* Ren, Y. 18826
Nakamura, T. *see* Sawada, H. 18333
Nakamura, T. *see* Shuxiang Guo 49382
Nakamura, T. *see* Takada, M. 7801
Nakamura, T. *see* Takao, H. 27452
Nakamura, T. *see* Tamai, T. 22000
Nakamura, T. *see* Tatsuoka, H. 13417
Nakamura, T. *see* Watanabe, J. 22442
Nakamura, T. *see* Yamamoto, Y. 59613
Nakamura, Y. The BCH-Goppa decoding as a moment problem and a tau function over finite fields 14841
Nakamura, Y., Chen, C., Tsai, J.S. 100-K operation of Al-based single-electron transistors 32463
Nakamura, Y., Fukushima, A., Kinoshita, J., Sakamoto, Y., Endo, T. 10:1 ratio transformer for capacitance measurement 27830
Nakamura, Y., Kawakami, H. Bifurcation of synchronized oscillations in an oscillator with hard characteristics 1163
Nakamura, Y., Koshiba, S., Sakaki, H. Large conductance anisotropy in a novel two-dimensional electron system grown on vicinal (111)B GaAs with multiatomic steps 22301
Nakamura, Y., Mizukawa, M., Kanayama, K. Multimedia communication pendant for sensor-based robotic task teaching by sharing information: concepts and evaluations 35822
Nakamura, Y., Nakamura, S., Ataka, M., Fujita, H., Miyazaki, S. Micromachining process for thin-film SMA actuators 13179
Nakamura, Y., Suzuki, Y., Watanabe, Y. Effect of oxygen plasma etching on adhesion between polyimide films and metal 42439
Nakamura, Y. *see* Ando, S. 2915
Nakamura, Y. *see* Fukuda, T. 866
Nakamura, Y. *see* Hisamoto, D. 1724
Nakamura, Y. *see* Hussein, E. 5388
Nakamura, Y. *see* Kamiya, H. 29864
Nakamura, Y. *see* Kawahara, K. 25718
Nakamura, Y. *see* Kohno, H. 41264
Nakamura, Y. *see* Koshiba, S. 30773
Nakamura, Y. *see* Kurihara, Y. 3216
Nakamura, Y. *see* Makino, M. 16276
Nakamura, Y. *see* Matsumura, K. 57398
Nakamura, Y. *see* Motobe, H. 1792
Nakamura, Y. *see* Nakamura, S. 43413
Nakamura, Y. *see* Narihiro, M. 22337
Nakamura, Y. *see* Ohishi, K. 29714
Nakamura, Y. *see* Sakamoto, T. 12461
Nakamura, Y. *see* Sakamoto, T. 22309
Nakamura, Y. *see* Sugiyama, K. 6607
Nakamura, Y. *see* Sunaga, T. 21677
Nakamura, Y. *see* Takemura, R. 22891
Nakamura, Y. *see* Tanaka, I. 52733
Nakamura, Y. *see* Wada, H. 60893
Nakamura, Y. *see* Wang, Z. 3199
Nakamura, Y. *see* Xia, Y. 60233
Nakamura, Y. *see* Yokota, W. 49266
Nakane, G. *see* Hirano, H. 1389
Nakane, G. *see* Hirano, H. 53292
Nakane, H. *see* Pegrum, C.M. 49414
Nakane Hideaki *see* Hideaki Nakane
Nakanishi, A. *see* Oka, T. 28482
Nakanishi, H., Yoshida, K., Imai, H., Fujimura, Y., Nitta, T., Akita, O., Michitsuji, Y., Yoshimura, M., Saito, T., Terauchi, H., Yamabayashi, N., Kuhara, Y. Development of the receptacle type 1.3 μm FP-LD module 58307
Nakanishi, H. *see* Kamata, A. 40474
Nakanishi, H. *see* Kuhara, Y. 58275
Nakanishi, H. *see* Kuhara, Y. 58392
Nakanishi, H. *see* Matsuda, H. 55836
Nakanishi, H. *see* Matsuzawa, H. 24082
Nakanishi, H. *see* Mitsuishi, M. 37840
Nakanishi, H. *see* Mori, K. 57850
Nakanishi, H. *see* Ogata, A. 18018
Nakanishi, H. *see* Sakurai, A. 13377
Nakanishi, H. *see* Yanagawa, T. 55815
Nakanishi, I., Itoh, Y., Fukui, Y. Reduction of computational complexity in the IA algorithm 15351
Nakanishi, I., Itoh, Y., Fukui, Y. Image reduction method using MR codes 46447
Nakanishi, I. *see* Yae, S. 9545
Nakanishi, J. *see* Wada, H. 58846
Nakanishi, J. *see* Yoshiie, R. 61100
Nakanishi, K. *see* Kubota, T. 49428
Nakanishi, K. *see* Tanii, T. 11799
Nakanishi, M., Ogura, T. A real-time CAM-based Hough transform algorithm and its performance evaluation 5406
Nakanishi, M. *see* Nakamura, M. 11768
Nakanishi, N. *see* Itoh, Y. 37166
Nakanishi, N. *see* Murata, Y. 33467
Nakanishi, N. *see* Saeki, T. 1385
Nakanishi, T. The new generation of photocathodes for polarized electron sources 37171
Nakanishi, T., Ito, K., Imazu, M., Yamakido, M. Evaluation of coronary artery stenoses using electron-beam CT and multiplanar reformation 59450
Nakanishi, T., Kokogawa, T., Numata, T., Inokuchi, S. Deformed MO loops: appearance of orthogonal components of magnetization 48843
Nakanishi, T., Yokoyama, Y., Yarai, A. Optimum design of arrayed multi-probes on high-speed photopyroelectric thermal wave tomographic imaging equipment 36706
Nakanishi, T. *see* Kondo, H. 48260
Nakanishi, T. *see* Nomamoto, H. 48261
Nakanishi, T. *see* Ohmori, Y. 60739
Nakanishi, T. *see* Oka, H. 49396
Nakanishi, T. *see* Shimizu, T. 38778
Nakanishi, T. *see* Yamagishi, Y. 10225
Nakanishi, T.G. *see* Viduya, L.A. 29839
Nakanishi, Y., Kominami, H., Hatanaka, Y. Cathodoluminescent properties of $Zn_{1-x}Cd_xS$:Ag, Cl phosphors including In_2O_3 excited by low-energy electrons 55418
Nakanishi, Y. *see* Gurumurugan, K. 871
Nakanishi, Y. *see* Jayatissa, A.H. 10734
Nakanishi, Y. *see* Kominami, H. 13818
Nakanishi, Y. *see* Nakamori, A. 51152
Nakanishi, Y. *see* Sano, K. 10887
Nakanishi, Y. *see* Tatsuoka, H. 13417
Nakano, B. *see* Inohara, T. 21038
Nakano, B. *see* Inohara, T. 52434
Nakano, E. *see* Inoue, Y. 49326
Nakano, H., Higuchi, Y., Hirachi, K. Current doubler rectifier 19836

Nakano, H., Ikeda, N., Yamauchi, J. Quadrifilar conical helical antenna with travelling-wave current distribution 45376
Nakano, H., Odachi, N., Mimaki, H., Yamauchi, J. An array of Franklin and Bruce antennas 34413
Nakano, H., Odaka, K., Akiyama, T. Character recognition for multimedia communications 35815
Nakano, H., Shinma, Y., Mimaki, H., Yamauchi, J., Hirose, K. Fan beam formation using spiral array antennas 34459
Nakano, H., Takashima, D., Tsuchida, K., Shiratake, S., Inaba, T., Ohta, M., Oowaki, Y., Watanabe, S., Ohuchi, K., Matsunaga, J. A dual layer bitline DRAM array with Vcc/Vss hybrid precharge for multi-gigabit DRAMs 1405
Nakano, H., Watanabe, N., Sato, T., Ohkawa, M., Maruyama, T., Shimba, M. Zeeman effect-based control-signal improvement for frequency stabilization of a semiconductor laser 33575
Nakano, H., Yoshida, Y., Fujita, K. A method to aid detection of macro defects of color liquid crystal display through Gabor function 44111
Nakano, H. *see* Arima, N. 40860
Nakano, H. *see* Choong-Gon Lee 51507
Nakano, H. *see* Kubota, T. 39439
Nakano, H. *see* Miura, T. 32376
Nakano, H. *see* Nakayama, K. 34445
Nakano, H. *see* Nishimura, K. 7094
Nakano, H. *see* Sato, T. 44534
Nakano, H. *see* Shinohara, K. 7950
Nakano, H. *see* Shiratake, S. 53298
Nakano, H. *see* Takano, H. 22661
Nakano, H. *see* Watanabe, K. 9278
Nakano, H. *see* Yamauchi, J. 23503
Nakano, H. *see* Yamauchi, J. 23559
Nakano, H. *see* Yamauchi, J. 24525
Nakano, H. *see* Yamauchi, J. 33011
Nakano, H. *see* Yamauchi, J. 44021
Nakano, H. *see* Yamauchi, J. 55186
Nakano, I. *see* Hara, K. 37400
Nakano, J. *see* Ohno, M. 16259
Nakano, K., Horie, T., Sakamoto, H. Low-temperature growth of SiO_2 films by electron-induced ultrahigh vacuum chemical vapor deposition 30890
Nakano, K., Kasahara, H. Authors' reply to the comments by Dr. Iikura [on their paper "Fast vector quantization using sorted codebook"] 14804
Nakano, K., Sengoku, M., Shinoda, S., Abe, T. Clique packing and dynamic channel assignment in cellular mobile communication systems 26562
Nakano, K., Yoshioka, H., Sengoku, M., Shinoda, S. Analysis of connection delay caused by dynamic channel assignment in cellular mobile communication systems 58185
Nakano, K. *see* DeSalvo, G.C. 12761
Nakano, K. *see* Logue, F.P. 31970
Nakano, K. *see* Nakayama, N. 55637
Nakano, K. *see* Watanabe, K. 52504
Nakano, K. *see* Yoshida, H. 14161
Nakano, M., Aizawa, R., Asako, Y. Steady and transient responses of electrorheological suspension passing through a rectangular channel 973
Nakano, M., Sugita, K. Influences of electrode spacing on electric field-induced motion in mineral oil after change of electrode polarity 13280
Nakano, M. *see* Kobayashi, F. 11236
Nakano, M. *see* Koga, T. 51670
Nakano, M. *see* Kotaki, H. 43026
Nakano, M. *see* Mao-Fu Lai 11234
Nakano, M. *see* Mao-Fu Lai 20107
Nakano, M. *see* Mao-Fu Lai 39285
Nakano, M. *see* Matsubara, K. 27849
Nakano, M. *see* Mitani, K. 42296
Nakano, M. *see* Mitani, K. 42335
Nakano, M. *see* Muramatsu, K. 44882
Nakano, M. *see* Nakata, T. 27852
Nakano, N. *see* Okamoto, A. 48728
Nakano, N. *see* Shibata, M. 1899
Nakano, R. *see* Yamada, T. 10397
Nakano, S. *see* Kameda, M. 39128
Nakano, S. *see* Yanagisawa, K. 43415
Nakano, T., Higuchi, K., Yamamoto, S. Visualization system for experiencing visual functions of elderly people by image processing 17237
Nakano, T., Komatsudaira, Y., Shiomi, A., Imai, M. VLSI implementation of a real-time operating system 41125
Nakano, T., Makishima, S., Inoue, Y., Goto, K. Application of dielectric and thermal analysis to the curing of epoxy resins 43518
Nakano, T., Sugiyama, K., Mizuno, M., Yamamoto, S. Blink measurement by image processing and application to detection of driver's drowsiness 49413
Nakano, T., Tada, Y., Reif, R. Analysis of thermal effect on the interfacial oxide between polysilicon and silicon for polysilicon bipolar transistors by capacitance and contact resistance measurements 12898
Nakano, T. *see* Hatano, K. 48683
Nakano, T. *see* Higuchi, K. 58923
Nakano, T. *see* Mizuno, M. 25768
Nakano, T. *see* Murooka, Y. 23125
Nakano, T. *see* Sakaguchi, Y. 27417
Nakano, T. *see* Sakaguchi, Y. 48760
Nakano, T. *see* Sakuta, S. 27887
Nakano, T. *see* Samukawa, S. 12716
Nakano, T. *see* Yamada, K. 46090
Nakano, Y., Tada, K. Recent progress in semiconductor gain-coupled DFB laser research 3843
Nakano, Y. *see* Feng, H. 54213
Nakano, Y. *see* Maruyama, M. 7088
Nakano, Y. *see* Nakagawa, F. 30273
Nakano, Y. *see* Nomizu, S. 7531
Nakano, Y. *see* Shimogaki, Y. 54468
Nakano, Y. *see* Sudoh, T.K. 33509
Nakano, Y. *see* Sudoh, T.K. 55631
Nakano, Y. *see* Yamamatsu, J. 11764
Nakano, Y. *see* Yi Luo 14134
Nakano, Y. *see* Zhang, X. 15861
Nakao, A.N. *see* Ohkubo, K. 53935
Nakao, H., Moriizumi, K., Kamiyama, K., Terai, M., Miwa, H. A new figure fracturing algorithm for high quality variable-shaped EB exposure-data generation 22650
Nakao, H. *see* Kondou, Y. 39365
Nakao, K., Segawa, S., Shimazu, T. Control of crystalline defects on wafers by using simulation in heat treating 12617
Nakao, K. *see* Fukuda, S. 37132
Nakao, K. *see* Nitta, F. 35798
Nakao, M. Data acquisition system for Belle 36439
Nakao, M., Hatamura, Y. Tabletop factory to fabricate micro machines, "nano manufacturing world" 43416
Nakao, M., Inoue, S., Yoshinobu, T., Iwasaki, H. High-resolution pH imaging sensor for microscopic observation of microorganisms 17560
Nakao, M., Norimatsu, M., Mizutani, Y., Yamamoto, M. Spectral distortion properties of the integral pulse frequency modulation model 59686
Nakao, M., Sato, H., Kamimura, K., Onuma, Y. Preparation and property of tetragonal zirconia thin films for oxygen sensor 17574
Nakao, M. *see* DeWitt, J. 59243
Nakao, M. *see* Ichiki, K. 2483
Nakao, M. *see* Inoue, S. 7453
Nakao, M. *see* Itaya, Y. 26909
Nakao, M. *see* Mochi, H. 51317
Nakao, M. *see* Ohsugi, T. 37385
Nakao, M. *see* Ohsugi, T. 37392
Nakao, M. *see* Wada, M. 44468
Nakao, M. *see* Zhan He Wang 12291
Nakao, N. *see* Oguchi, T. 26918
Nakao, S., Nakae, A., Yamaguchi, A., Kimura, H., Ohno, Y., Matsui, Y., Hirayama, M. 0.12 μm hole pattern formation by KrF lithography for Giga bit DRAM 42891
Nakao, S., Saitoh, K., Ikeyama, M., Niwa, H., Tanemura, S., Miyagawa, Y., Miyagawa, S. Effects of high energy ion irradiation on crystallization of amorphous germanium films deposited on calcium fluoride substrates 10790
Nakao, S. *see* Fujino, T. 22740
Nakao, S. *see* Hanawa, T. 2533
Nakao, S. *see* Nakae, A. 32259
Nakao, S. *see* Saitoh, K. 10757
Nakao, S. *see* Shimizu-Iwayama, T. 31754
Nakao, S. *see* Shimizu-Iwayama, T. 41870
Nakao, T. *see* Muller, K.P. 41164
Nakao, T. *see* Ohshima, T. 29649
Nakao, Y., Naruse, M., Itoh, H., Suzuki, Y., Sakai, Y., Tagashira, H. Influence of a sort and a thickness of solid insulators on propagation of the positive creepage discharge in transformer oil 19820
Nakao, Y., Naruse, M., Suzuki, Y., Itoh, H., Sakai, Y., Tagashira, H. Influence of sort and thickness of insulating barriers on the positive impulse creepage discharge in transformer oil 23245
Nakao, Z. *see* Nagamoto, H. 57434
Nakao, Z. *see* Nakasone, M. 57432
Nakao, Z. *see* Noborikawa, M. 57433
Nakao, Z. *see* Tobaru, S. 57431
Nakao, Z. *see* Yen-Wei Chen 15570
Nakao, Z. *see* Yen-Wei Chen 56845
Nakao Zensho *see* Zensho Nakao
Nakaoka, H. *see* Hori, A. 43295
Nakaoka, H. *see* Mizuno, B. 2323
Nakaoka, M., Hiraki, E. High frequency switched resonant mode power conversion technologies. IV. Feasible applications of resonant power conversion circuit systems 51243
Nakaoka, M. *see* Fukuda, H. 51096
Nakaoka, M. *see* Hamada, S. 9330
Nakaoka, M. *see* Hamada, S. 51116
Nakaoka, M. *see* Hirachi, K. 9365
Nakaoka, M. *see* Hirachi, K. 50854
Nakaoka, M. *see* Hirachi, K. 51147
Nakaoka, M. *see* Hirashi, K. 51228
Nakaoka, M. *see* Inoue, K. 51662
Nakaoka, M. *see* Izaki, K. 51881
Nakaoka, M. *see* Izumi, T. 29309
Nakaoka, M. *see* Kajiyama, A. 51277
Nakaoka, M. *see* Kambe, A. 51302
Nakaoka, M. *see* Michihira, M. 19847
Nakaoka, M. *see* Michihira, M. 51310
Nakaoka, M. *see* Nishida, Y. 38253
Nakaoka, M. *see* Nishida, Y. 38819
Nakaoka, M. *see* Ogasawara, K. 51844
Nakaoka, M. *see* Omori, H. 61349
Nakaoka, M. *see* Takano, H. 51244
Nakaoka, M. *see* Uchiori, Y. 51856
Nakaoka, T. *see* Yamaguchi, M. 41258
Nakaoka, Y. *see* Saeki, T. 1385
Nakarai, H. *see* Mizoguchi, H. 2474
Nakasako, N., Ohta, M. A digital filter for restoring a stochastic signal from noisy and quantized level observations 45889
Nakasato, N. *see* Mino, K. 59500
Nakasato, N. *see* Mino, K. 59511
Nakase, K. *see* Yasui, T. 891
Nakase, M. *see* Nakasugi, T. 32316
Nakase, Y. *see* Oklobdzija, V. 21638
Nakashi, K. *see* Seki, I. 53387
Nakashiba, T. *see* Hirachi, K. 50854
Nakashiba, T. *see* Yoshizaki, S. 43315
Nakashiba, Y. *see* Hatano, K. 48683
Nakashima, H. The status and the plan of the Yamanashi Test Line R&D 20156
Nakashima, H., Takeuchi, M., Inoue, K., Takeuchi, T., Inoue, Y., Fischer, P., Christen, J., Grundmann, M., Bimberg, D. Size-dependent luminescence of GaAs quantum wires on vicinal GaAs (110) surfaces with giant steps formed by MBE 12480
Nakashima, H. *see* Keshk, H. 52986
Nakashima, H. *see* Nakayama, M. 35818
Nakashima, H. *see* Takeuchi, M. 40450
Nakashima, K., Tsujino, T., Fujii, T. Multivariable control of a magnetic levitation system using closed loop identification and H_∞ control theory 44994
Nakashima, K. *see* Eryu, O. 42266
Nakashima, K. *see* Kawakami, T. 59817
Nakashima, M., Harada, S., Yano, K., Maruyama, Y., Hasegawa, T. Development of a robot language for hot-line work allowing practical use of the hot-line work robot system 'Phase II' 8913
Nakashima, M. *see* Aranda, F.J. 24229
Nakashima, M. *see* Kimball, B.R. 24230
Nakashima, M. *see* Yamashita, K. 57779
Nakashima, S. High-quality low-dose SIMOX wafers 42334
Nakashima, S., Ohno, T., Nakamura, S., Ueki, T., Kado, Y., Tsuchiya, T., Takeda, T., Sakai, T. Sacrificial oxidation techniques of top Si layer to reduce source-to-drain leakage current in 0.25-μm MOSFETs/SIMOX 22971
Nakashima, S. *see* Jablonski, J. 22456
Nakashima, S. *see* Jablonski, J. 42292
Nakashima, S. *see* Kawamura, K. 22460
Nakashima, S. *see* Sugie, R. 2146
Nakashima, S.-I. *see* Abe, H. 22263
Nakashima, T., Kubo, S., Otsu, Y., Ike, T., Ikeda, T., Suematsu, N., Yamawaki, M., Hirao, T. 0.8 μm BiCMOS process with high resistivity substrate for L-band Si-MMIC applications 21946
Nakashima, T., Tsuyuhara, Y. A central traffic system for the central Japan office of the Japan Highway Public Corporation 35697
Nakashima, T. *see* Kishimoto, M. 23420
Nakashima, Y., Nagoya, S., Saitou, K., Uehara, I., Yamagiwa, H., Tashiro, M. Development of parallel ACOS PX7800 enhanced model 54780
Nakashiro, M. *see* Yoshizawa, H. 19543
Nakashizu, T. *see* Iwasaki, T. 678
Nakashizuka, M., Kikuchi, H., Ishii, I., Makino, H. A rotation-insensitive multiscale image representation based on the wavelet transform: definition and image recovery algorithm 25294
Nakasima, N. *see* Nakayama, M. 23746
Nakasone, M., Takashibu, M., Nakao, Z., Chen, Y.-W. Evolutionary CT image reconstruction by exponential gray level growth 57432
Nakasu, E., Aoki, K., Yajima, R., Kanatsugu, Y., Kubota, K. A statistical analysis of MPEG-2 picture quality for television broadcasting 17035
Nakasuga, Y. *see* Hashimoto, T. 3646
Nakasugi, T., Tamura, H., Niiyama, H., Saito, S., Kihara, N., Naito, T., Nakase, M. Optimization of a high-performance chemically amplified positive resist for electron-beam lithography 32316
Nakasugi, T. *see* Akasaka, Y. 2429
Nakasuji, A., Kitajima, Y., Yoshioka, T., Hatada, N., Watanabe, T. Inventory management system using wireless handy terminal 58045
Nakasuji, M. Aberrations as a function of reduction factor in symmetric magnetic doublet for electron beam image projection system 2554
Nakasuji, M., Shimizu, H. Generation mechanism of distortion aberration in a symmetric magnetic doublet for an electron beam projection system 54546
Nakasuji, Y. *see* Ito, Y. 20246
Nakata, A. *see* Morikoshii, H. 695
Nakata, F. *see* Shigenaka, K. 703
Nakata, J. *see* Takahashi, M. 2313
Nakata, J. *see* Yamaguchi, T. 42246
Nakata, K. *see* Fujisawa, K. 40110
Nakata, K. *see* Maruyama, A. 40559
Nakata, K. *see* Saito, A. 23302
Nakata, M. *see* Kushiro, N. 10017
Nakata, R. *see* Nojo, H. 42553
Nakata, S. *see* Ichiya, M. 2856
Nakata, S. *see* Ichiya, M. 23086
Nakata, S. *see* Nishimura, K. 41801
Nakata, T., Nakano, M., Fujiwara, K., Muramatsu, K., Zhu, H.L., Yano, H. Effects of geomagnetism and residual magnetism on single sheet testers for amorphous magnetic material 27852
Nakata, T. *see* Basak, K. 51049
Nakata, T. *see* Eryu, O. 42266
Nakata, T. *see* Hachiya, K. 40834
Nakata, T. *see* Harada, S. 12635
Nakata, T. *see* Inoue, H. 43686
Nakata, T. *see* Inoue, N. 54366
Nakata, T. *see* Iwashita, H. 11342
Nakata, T. *see* Janicke, L. 43612
Nakata, T. *see* Matsubara, K. 27849

Nakata, T. *see* Murai, H. 33140
Nakata, T. *see* Muramatsu, K. 44882
Nakata, T. *see* Shirazee, N.A. 44986
Nakata, Y. *see* Horiguchi, N. 42195
Nakata, Y. *see* Horiguchi, N. 54219
Nakata, Y. *see* Okada, T. 10863
Nakata, Y. *see* Okada, T. 14279
Nakata, Y. *see* Shoji, H. 44578
Nakata, Y. *see* Yoshikawa, M. 50365
Nakatake, S., Fujiyoshi, K., Murata, H., Kajitani, Y. Module placement on BSG-structure and IC layout applications 11118
Nakatake, S. *see* Murata, H. 22932
Nakatani, A. *see* Okada, K. 12903
Nakatani, H. *see* Minamitani, Y. 33365
Nakatani, H. *see* Nishimata, T. 27786
Nakatani, H. *see* Ogawa, Y. 16142
Nakatani, H. *see* Yamazaki, T. 37416
Nakatani, H.S., de Oliveira Neto, G., Godinho, O.E.S., Aleixo, L.M., Zinner, K. Bombardier beetle based biosensor 7449
Nakatani, I. *see* Kohno, M. 7564
Nakatani, K. *see* Chauvin, J. 55835
Nakatani, M. *see* Yamawaki, C. 27181
Nakatani, N. Measurements of the flow velocity and temperature of cases by the laser photothermal effect with a differential interferometer 27973
Nakatani, S. *see* Nishii, T. 11880
Nakatani, S. *see* Ogawa, T. 11938
Nakatani, S. *see* Ogawa, T. 11938
Nakatani, S. *see* Takahashi, K. 51576
Nakatani, S. *see* Yasuda, M. 46451
Nakatani, T., Goto, M., Kawabata, T., Okuno, H.G. Residue-driven architecture and its application to sound stream segregation 45804
Nakatani, T., Goto, M., Okuno, H.G. Localization by harmonic structure and its application to harmonic sound stream segregation 15078
Nakatani, T. *see* Okuno, H.G. 56377
Nakatani, Y., Suzuki, T. Light waveform in time domain and relaxation mechanism of ZnS:Cu,Br dispersive electroluminescent devices 33276
Nakato, Y. *see* Yae, S. 9545
Nakatomi, E. *see* Okada, K. 35874
Nakatomi, T. *see* Kobayash, T. 1455
Nakatsu, R. *see* Hata, K. 5107
Nakatsu, R. *see* Ohya, J. 27689
Nakatsu, T. *see* Onuki, T. 51764
Nakatsugawa, M., Muraguchi, M. Quasi-transmission-line variable reactance circuits for a wide variable-phase range X-band monolithic phase shifter 21978
Nakatsugawa, M. *see* Shimizu, T. 26923
Nakatsugawa, N. *see* Takahashi, M. 20282
Nakatsuka, H. *see* Hattori, T. 44673
Nakatsuka, M. *see* Fujimoto, Y. 23438
Nakatsuka, M. *see* Geun-Young Yoon 33600
Nakatsuka, M. *see* Matsuoka, S. 24072
Nakatsuka, S., Ichikawa, I. Mounting components inspection machine "Panasert" IMC series 53739
Nakatsuka, S. *see* Kondow, M. 14124
Nakatsuka, S. *see* Momose, M. 12409
Nakauchi, S. *see* Takebe, K. 57205
Nakaue, A. *see* Suzuki, K. 32318
Nakaue, A. *see* Suzuki, T. 22714
Nakaura, S., Hoshino, T., Tokura, H., Yoshikawa, M. Development of a bilateral manipulator for surgical operation–characteristics of developed manipulator 18495
Nakaya, K., Katayama, S., Koshin, A. Daylight control system for the Tokyo Museum of Contemporary Art 39408
Nakaya, M. DC/DC converters exhibit fine performance from refined technologies 38814
Nakaya, S. *see* Kudou, Y. 16793
Nakayama, A., Ishikawa, T., Takagi, H., Tomono, K. Application of lanthanum cobaltite to component for excessive inrush current suppression 11746
Nakayama, A. *see* Moore, D.F. 23096
Nakayama, C. *see* Ando, M. 36733
Nakayama, D.H. *see* Moeglein, M.L. 47843
Nakayama, F. *see* Hata, K. 31681
Nakayama, F. *see* Noumi, H. 37073
Nakayama, H., Arakawa, Y. Calculation of lasing characteristics in quantum dot lasers considering interaction of electrons with LO phonons 44577
Nakayama, H., Kaneko, T., Odou, J., Matsune, T., Tsuji, T., Otsubo, M., Honda, C., Oguro, Y. Development of an optical current sensor system and measurement of harmonics on distribution lines 28874
Nakayama, H., Matsushima, R., Okamoto, N., Mizuno, A., Sugihara, O., Egami, C. Second-order nonlinearity of nonpoled polymeric thin films doped with pyrylium salts with blue window characteristics 14246
Nakayama, H. *see* Arakawa, Y. 22354
Nakayama, H. *see* Guang-Pu Wei 7843
Nakayama, H. *see* Kamatani, H. 23154
Nakayama, H. *see* Ohuchi, Y. 40366
Nakayama, H. *see* Onoda, M. 36478
Nakayama, H. *see* Rezaul Huque Khan, M. 32365
Nakayama, H. *see* Wakaya, F. 12658
Nakayama, H. *see* Wakaya, F. 42201
Nakayama, H. *see* Yanagisawa, J. 10821
Nakayama, H. *see* Yanagisawa, J. 22538
Nakayama, H. *see* Yanagisawa, J. 30891
Nakayama, I. *see* Mizuno, B. 2323
Nakayama, I. *see* Mizuno, B. 2645
Nakayama, J., Gao, L. Formulas on orthogonal functionals of stochastic binary sequence 56357
Nakayama, J. *see* Sakaguchi, K. 42353
Nakayama, J. *see* Takahashi, A. 44115
Nakayama, K., Nakano, H. Dual polarized slot array antennas fed by triplate transmission lines 34445
Nakayama, K., Ohbayashi, S., Nakamoto, M., Nagasawa, H. Development of the low temperature decomposible Ag- and Pt-MOC and application to the MOC pastes 11999
Nakayama, K., Send, S., Uchida, F. The paste of ITO for fine line printing 12000
Nakayama, K. *see* Atse, Y. 15269
Nakayama, K. *see* Hara, K. 56475
Nakayama, K. *see* Takamatsu, S. 58678
Nakayama, M., Nakagawa, M., Hashimoto, Y., Tanaka, K., Nakashima, H. A satellite communication system for interactive multimedia networks 35818
Nakayama, M., Suzuki, H., Ohyabu, M. AE energy detection for judging the quality of the end of optical glass fiber produced by a pressure cutting procedure using AE parameter 36144
Nakayama, M., Watanabe, A., Takahashi, T., Satoh, T., Kameda, Y., Nakasima, N. Development of spaceborne frequency-stabilized helium-neon laser 23746
Nakayama, M. *see* Ban, Y. 60416
Nakayama, M. *see* Hosoda, M. 42138
Nakayama, M. *see* Ui, O. 58252
Nakayama, M. *see* Yamamota, K. 16628
Nakayama, M. *see* Yamamoto, K. 21944
Nakayama, M. *see* Yatsuzuka, M. 12090
Nakayama, M. *see* Yokoyama, T. 31528
Nakayama, N., Taniguchi, S., Hino, T., Nakano, K., Ishibashi, A. High-power continuous-wave operation of 512-nm ZnCdSe/ZnSSe/ZnMgSSe SQW-SCH laser diodes 55637
Nakayama, N. *see* Kashiwagi, M. 22648
Nakayama, N. *see* Tosaka, Y. 59209
Nakayama, O. *see* Kawahara, R. 23000
Nakayama, S., Sakai, T. The effect of nitrogen in p+ polysilicon gates on boron penetration into silicon substrate through the gate oxide 2658
Nakayama, S. *see* Guang Xu 33379
Nakayama, S. *see* Ikeda, K. 2838
Nakayama, S. *see* Itsumi, M. 2301
Nakayama, S. *see* Ogawa, S. 54294
Nakayama, S. *see* Watanabe, K. 3301
Nakayama, S.I. *see* Tanaka, K. 2065
Nakayama, T., Noda, T., Banno, T. Numerical analysis technology of molded equipment 38675
Nakayama, T. *see* Katayama, M. 783
Nakayama, T. *see* Miyamoto, W. 18331
Nakayama, T. *see* Wakejima, A. 31942
Nakayama, W. Electronic packaging education–a generic approach 30078
Nakayama, W., Goh, H. Modeling of rapid solidification of microscale solder balls 30960
Nakayama, W. *see* Copeland, D. 280
Nakayama, W. *see* Copeland, D. 30333
Nakayama, W. *see* Mizunuma, H. 283
Nakayama, W. *see* Hsu, T.R. *(editor)* 20376
Nakayama, Y., Aikawa, S. Cell discard and TDMA synchronization using FEC in wireless ATM systems 25838
Nakayama, Y. *see* Horinouchi, K. 38895
Nakayama, Y. *see* Kato, T. 51866
Nakayama, Y. *see* Koyama, K. 29463
Nakayama, Y. *see* Sohda, Y. 22704
Nakayasu, F. *see* Badics, Z. 40719
Nakayasu, F. *see* Badics, Z. 40720
Nakayoshi, K. *see* Yamashita, H. 7215
Nakazama, M. *see* Komukai, T. 13624
Nakazato, A. *see* Tanaka, A. 7402
Nakazato, K. Single-electron directional-coupler logic devices 2738
Nakazato, K., Ahmed, H. Operation of single-electron logic devices 54721
Nakazato, K., Kakui, M., Kasiwada, T., Fukuda, C., Onishi, M., Nishimura, M. Hybrid EDFA characterization for WDM transmission with various span loss 14017
Nakazato, K., Kashiwada, T., Kakui, M., Onishi, M., Nishimura, M. Four channel 2.5 Gbit/s WDM transmission over 509 km using gain-flattened hybrid in-line EDFAs 26819
Nakazato, K. *see* Kakui, M. 47982
Nakazato, T. Coherent radiation experiments at Tohoku University 17894
Nakazato, T. *see* Kato, R. 18014
Nakazato, T. *see* Shibata, Y. 20221
Nakazato, T. *see* Watanabe, K. 49212
Nakazawa, H. A study on hydrogen adsorption and desorption process during Si gas-source molecular beam epitaxy 52730
Nakazawa, H. *see* Aoshima, Y. 9301
Nakazawa, H. *see* Mori, H. 37762
Nakazawa, H. *see* Watanabe, Y. 13176
Nakazawa, M., Sahara, A., Kubota, H. Marked increase in the power margin through the use of dispersion-allocated soliton and evaluation of transmission characteristics using Q map–comparison between D-A soliton, NRZ pulse, and RZ pulse at zero GVD 55216
Nakazawa, M., Sugiura, T., Hanji, M. Reliable quadric for frequency-turnover temperature vs. orientation of rotated Y-cut quartz plate resonator oscillating in the third overtone C-mode in the vicinity of AT-cut 13316
Nakazawa, M., Sugiura, T., Itoh, H., Hanji, M. Third overtone frequency turnover temperature-orientation characteristics for quartz plate resonator in the vicinity of AT-cut 13329
Nakazawa, M. *see* Abe, N. 47330
Nakazawa, M. *see* Endo, T. 24821
Nakazawa, M. *see* Imai, T. 44389
Nakazawa, M. *see* Itoh, H. 17309
Nakazawa, M. *see* Kaneko, J. 37465
Nakazawa, M. *see* Kishimoto, M. 23420
Nakazawa, M. *see* Komukai, T. 3359
Nakazawa, M. *see* Komukai, T. 16719
Nakazawa, M. *see* Komukai, T. 23515
Nakazawa, M. *see* Kurashashi, T. 59338
Nakazawa, M. *see* Onozawa, T. 19494
Nakazawa, M. *see* Takahashi, H. 37560
Nakazawa, M. *see* Tamura, K. 14010
Nakazawa, M. *see* Tamura, K. 33401
Nakazawa, M. *see* Yamada, E. 48003
Nakazawa, M. *see* Yamamoto, T. 33034
Nakazawa, M. *see* Yoshida, E. 33429
Nakazawa, S. *see* Nagata, K. 53268
Nakazawa, S. *see* Saeki, T. 1385
Nakazawa, T. Peak-shaving effect of grid-connected photovoltaic power generation systems 60596
Nakazawa, T., Taniguchi, S., Seino, M. Low-sidelobe thermo-optically tunable filter 26933
Nakazawa, T. *see* Inoue, Y. 10082
Nakazawa, T. *see* Noda, K. 54984
Nakazawa, T. *see* Sasayama, T. 13173
Nakazawa, Y., Ishino, R., Komatsu, T., Saito, T. Robust active contour model and its application to tracking of power transmission wire 28893
Nakazawa, Y., Komatsu, T., Saito, T. Temporal integration method for image-processing-based super-high-resolution image acquisition 4924
Nakazawa, Y., Komatsu, T., Saito, T. Video enhancement by temporal integration based on global segmentation representation of interframe spatial image transformation 56971
Nakazawa, Y., Komatsu, T., Saito, T. A simple cue-based method for camera calibration and 3-D shape measurement with a single moving camera 57233
Nakazawa, Y., Komatsu, T., Saito, T. A robust object-specified active contour model for tracking smoothly deformable line-features and its application to outdoor moving image processing 57311
Nakazawa, Y., Naitoh, H. A new PWM scheme for NPC inverters which reduces waveform distortion due to pulsewidth limitation and a new neutral point voltage control 60843
Nakazawa, Y., Toda, S., Yasuoka, I., Naito, H. One-pulse PWM mode vector control for traction drives 29790
Nakazawa, Y. *see* Aoki, Y. 33374
Nakazoe, J. *see* Nishiyama, H. 24513
Nakazono, H. *see* Tsukuda, N. 31763
Nakazumi, H. *see* Nanto, H. 17584
Nakazumi, H. *see* Nanto, H. 27737
Nakhla, M. *see* Guowu Zheng 11082
Nakhla, M. *see* Li, M. 14512
Nakhla, M.S. *see* Mihan, K.K. 30231
Nakhla, M.S. *see* Phanilatha, V. 292
Nakhleh, W. *see* Rao, G. 61007
Nakhodkin, N.G., Rodionova, T.V. The mechanism of secondary grain growth in polysilicon films 31786
Nakhutsrishvili, I. *see* Jishiashvili, D. 54281
Nakkeeran, K. *see* Porsezian, K. 23519
Nakonechny, V.P. *see* Cherny, I.V. 18875
Nakov, V. *see* Cole, B.E. 2144
Nakura, M. *see* Umehira, M. 6519
Nakura, M. *see* Umehira, M. 47090
Nakwaski, W., Osinski, M. Thermally conductive dielectric mirrors as a possible solution enabling continuous wave operation of 1.3-μm vertical-cavity surface-emitting lasers at room temperature 3916
Nakwaski, W. *see* Sarzala, R.P. 3917
Nakwaski, W. *see* Sarzala, R.P. 14136
Nalamasu, O., Wallow, T.I., Reichmanis, E., Novembre, A.E., Houlihan, F.M., Dabbagh, G., Mixon, D.A., Hutton, R.S., Timko, A.G., Wood, O.R., Cirelli, R.A. Revolutionary and evolutionary resist design concepts for 193 nm lithography 42826
Nalamasu, O. *see* Yoshino, H. 42831
Nalbandian, V. *see* Choon Sae Lee 56148
Nalbant, M.K. A new CCFL inverter circuit far AMLCD panels results in significantly higher efficiency and brightness 11176
Nalbantis, D. *see* Shi, K. 53041
Nalbantis, D. *see* Shi, K. 54737
Nalcioglu, O. *see* Guclu, C. 28267
Naldi, C.U. *see* Bonani, F. 53595
Naldi, C.U. *see* Ghione, G. 53696
Naldi, M. *see* Galati, G. 16835
Nalesso, G.F. *see* Capobianco, A.D. 58372
Nalesso, G.F. *see* De Angelis, C. 55249
Naletto, G. *see* Placentino, L. 13832
Nalevka, P. *see* Pust, L. 43764
Nalewajko, C. *see* Zaluzny, M. 42152
Nalivko, S.V. *see* Afonenko, A.A. 23992
Nallan, H.C., Rastgoufard, P. Computational voltage stability assessment of large-scale power systems 60208
Nallatamby, J.C. *see* Branger, B. 53689

Nallatamby, J.C. *see* Laporte, E. 53664
Nallatamby, J.C. *see* Prigent, M. 1060
Nallo, C.Di *see* Di Nallo, C.
Nam, B.-H. *see* Kim, D.H. 2491
Nam, B.-S. *see* Oh, H.-K. 2520
Nam, C.H. *see* Lee, J.M. 55516
Nam, C.W., Ashok, S., Sekiguchi, T. Thermal anneal activation of near-surface deep level defects in electron cyclotron resonance hydrogen plasma-exposed silicon 42583
Nam, H.G. *see* Nam-Ihn Cho 12926
Nam, J.Y. *see* Lee, Y. 56630
Nam, K. An investigation of telecommunications' network outsourcing in Canada 46913
Nam, K.S. *see* Kim, J.D. 32347
Nam, K.S. *see* Lee, S. 31498
Nam, O.H. *see* Edwards, N.V. 41982
Nam, S., Oztek-Yerli, C.F., Robertson, I.D. Monolithic amplitude and phase control circuits for 17/18 GHz indoor radio applications 21981
Nam, S. *see* Baree, A.H. 53668
Nam, S.M., Mitarai, S., Ishibasi, Y., Ohashi, N., Tsurumi, T., Fukunaga, O. Fabrication of $BaTiO_3/SrTiO_3$ artificial superlattices by atomic layer epitaxy and their dielectric properties 21299
Nam, S.W. *see* Cabrera, B. 37470
Nam, S.W. *see* Choi, B.J. 31072
Nam, S.W. *see* Shutt, T. 37472
Nam Chang Hee *see* Chang Hee Nam
Nam Choong-Mo *see* Choong-Mo Nam
Nam Chul Kim *see* Hae Ryong Kim 56905
Nam Donk Soo *see* Donk Soo Nam
Nam Gi-Jung *see* Gi-Jung Nam
Nam Hong Jo, Kae Dal Kwack Analysis of the output response according to the image scanning in self-signal processing infrared detectors 36695
Nam Hwang *see* Haksoo Han 58391
Nam Hwang *see* Min Kyu Song 296
Nam Hwang *see* Seong-Su Park 3838
Nam Jiseung *see* Jiseung Nam
Nam Jun-Hyun *see* Jun-Hyun Nam
Nam Kee Soo *see* Kee Soo Nam
Nam Kee-Soo *see* Kee-Soo Nam
Nam Ki Gon *see* Ki Gon Nam
Nam Ki Woong *see* Ki Woong Nam
Nam Kidong *see* Kidong Nam
Nam Kim *see* Deug-Ju Lee 36118
Nam Kim *see* Lee, Y.K. 34136
Nam Kim Seog *see* Seog Nam Kim
Nam Kwanghee *see* Kwanghee Nam
Nam Kyu Ha *see* Moo Young Kim 15100
Nam Le Quan *see* Quan Nam Le
Nam Ling, Jui-Hua Li A vector quantizer with increased codebook patterns 5335
Nam Lyong Kang *see* Sang Chil Lee 54189
Nam Myung-Hee *see* Myung-Hee Nam
Nam Oh Ki *see* Ki Nam Oh
Nam Sang-Won *see* Sang-Won Nam
Nam Sangwook *see* Sangwook Nam
Nam Seong Kim *see* Hyun Su Kim 3760
Nam Soo Kim, Chong Kwan Un Frame-correlated hidden Markov model based on extended logarithmic pool 34695
Nam Soo Kim, Chong Kwan Un Statistically reliable deleted interpolation 45706
Nam Soon-Kwon *see* Soon-Kwon Nam
Nam Suk Kim *see* Yamazaki, K. 20445
Nam Suk Woo *see* Suk Woo Nam
Nam Tae Kim Analysis of the radiation characteristics from a slot antenna in a plane conductor covered with a moving isotropic plasma layer 45418
Nam Tae Young *see* Tae Young Nam
Nam Taekyong *see* Taekyong Nam
Nam Yanghee *see* Yanghee Nam
Nam Zin Cho *see* Ung Chul Cho 29044
Nam-Beng Tay *see* Geok-Leong Tan 192
Nam-Gook Cho, Jae-Sub Hyun, Kwang-Sub Yoon, Chong-Ho Lee An analog current-mode continuous-time filter synthesizer 1564
Nam-Ho Lee *see* Jaiwan Cho 46021
Nam-Hoon Cho, Ki-Wan Jang, Jeong-Yong Lee, Jae-Sang Ro MeV ion induced damages and their annealing behavior in silicon 12694
Nam-Ihn Cho, Soon-Young Oh, Nam, H.G. Substrate engineering analysis of δ-doped $Si_{0.8}Ge_{0.2}$ p-MOSFET transistors 12926
Nam-Il Tak *see* Seok-Jung Han 50715
Nam-Jeong Kim, Moon-Ho Kang, Ji-Yoon Yoo, Gwi-Tae Park A study on the improvement of the AC motor variable speed control characteristics using load torque prediction 9602
Nam-Jong Kim *see* Kyuchan Lee 53291
Nam-Joon Kim, Hee-Sung Moon, Dong-Seok Hyun Inertia identification for the speed observer of the low speed control of induction machines 29305
Nam-Joon Kim *see* Dong-Myung Lee 29292
Nam-Kung Do *see* Do Nam-Kung
Nam-Kyeong Kim, Soon-Gil Yoon, Won-Jae Lee, Ho-Gi Kim Effects of SrF_2 phase on electrical properties of $SrTiO_3$ thin films deposited by plasma-enhanced metalorganic chemical vapor deposition 52800
Nam-Soo Kim *see* Jeong-Hyeop Lee 21665
Namai, T. *see* Momozawa, M. 25707
Namajunas, A. *see* Pozela, J. 31975
Namajunas, A. *see* Pozela, J. 42181
Namajunas, A. *see* Tamasevicuius, A. 40954
Namatsu, H., Kurihara, K., Nagase, M., Makino, I. Fabrication of 2-nm-wide silicon quantum wires through a combination of a partially-shifted resist pattern and orientation-dependent etching 32017
Namatsu, H. *see* Kurihara, K. 32321
Namatsu, H. *see* Kurihara, K. 43166
Namatsu, H. *see* Takahashi, Y. 22890
Namatsu, H. *see* Takahashi, Y. 54722
Namavar, F., Colter, P., Cremins-Costa, A., Gagnon, E., Perry, D. CVD growth of SiC on ultrathin SiO_2: a step towards development of a compliant substrate for SiC and III-V compounds 40417
Namavar, F. *see* Karimy, H. 10889
Namavar, F. *see* Parkhutik, V.P. 41823
Namavar, F. *see* Tang, C.K. 3441
Namazi, N.M. *see* Matthews, K.E. 25577
Namazue, A. *see* Muto, S. 23525
Namba, A. *see* Shiota, F. 27363
Namba, Y., Yoshida, K. Technology to evaluate electromagnetic compatibility in information system products 14625
Namba, Y. *see* Bennett, J.M. 55161
Nambi, K.S.V. *see* Gundu Rao, T.K. 3592
Nambi, K.S.V. *see* Sadagopan, G. 59840
Nambiar, K.K. Structured labels and directed paths 10326
Nambu, H. *see* Ohhata, K. 21566
Nambu, S. *see* Nagakari, S. 2910
Nambu, Y. *see* Kohmoto, S. 22378
Name, J.Van *see* Van Name, J.
Nameki, M. *see* Sato, T. 40917
Nametov, K.M. *see* Aksyonov, V.A. 3371
Namgoong, W., Chaddha, N., Meng, T.H.Y. Low-power video encoder/decoder using wavelet/TSVQ with conditional replenishment 26414
Namgoong Eok *see* Eok Namgoong
Namho Hur, Kichul Hong, Kwanghee Nam A real-time parameter identification scheme for the sensorless control of induction motors using a reduced order model 50974
Namhoon Kim, Chunghee Kim, Hyunchul Shin An improved partitioning method using clustering refinement [VLSI design] 54749
Nami, Z., Erbil, A., May, G.S. Reactor design considerations for MOCVD growth of thin films 52635
Nami, Z., Misman, O., Erbil, A., May, G.S. Semi-empirical neural network modeling of metal-organic chemical vapor deposition 52789
Namie, H., Yasuda, A. Study on keeping high-precision positioning in KGPS–comparison of covariance-ellipse and error-ellipse 48180
Namie, H. *see* Yasuda, A. 48183
Namikawa, T. *see* Asuke, N. 43707
Namikawa, T. *see* Ide, T. 61057
Namikawa, T. *see* Motoki, T. 61076
Namikawa, T. *see* Oishi, N. 51526
Namikawa, T. *see* Yamazaki, T. 51528
Namiki, A., Ishikawa, M. Optimal grasping using visual and tactile feedback 27658
Namiki, I., Kimeda, T. Broadband network applications aimed at the realization of multimedia communications services 16413
Namiki, S., Haus, H.A. Noise of the stretched pulse fiber laser. I. Theory 55526
Namiki, S., Ippen, E.P., Haus, H.A., Tamurab, K. Relaxation oscillation behavior in polarization additive pulse mode-locked fiber ring lasers 23773
Namiki, S., Yu, C.X., Haus, H.A. Observation of nearly quantum-limited timing jitter in an all-fiber ring laser 23818
Namiki, S. *see* Yu, C.X. 33409
Namiki, S. *see* Yu, C.X. 55530
Namiki, T. The performance of PML absorber for quasi-TEM wave propagating along the microstrip line 34170
Namiki, T. Numerical simulation of antennas using three-dimensional finite-difference time-domain method 56134
Namkung, M., Bryant, R.G., Fox, R.L., Buchman, A. Magnetic and mechanical properties of molded iron particle cores 3229
Namkung, W. *see* Cho, M.H. 37112
Namkung, W. *see* Ko, I.S. 37017
Namkung, W. *see* Ko, I.S. 37111
Namkung, W. *see* Oh, J.S. 51267
Namkung, W. *see* Park, S.S. 49075
Namkyoo Park *see* Wysocki, P.F. 3728
Nampoori, V.P.N. *see* Bindhu, C.V. 3588
Nampoori, V.P.N. *see* Issac, R.C. 4065
Namuduri, K.R., Ranganathan, N., Rashedi, H. SVBS: a high-resolution medical image compression algorithm using slicing with variable block size segmentation 5660
Namuduri, K.R. *see* Aruru, S.B. 2815
Namuduri, K.R. *see* Aruru, S.B. 11466
Namuduri, K.R. *see* Ramaswamy, V.N. 5661
Namuduri, K.R. *see* Ramaswamy, V.N. 35362
Namura, I. *see* Sato, K. 28161
Nan, S. *see* Rusu, E. 42269
Nan Ce-Wen *see* Ce-Wen Nan
Nan Chang The *see* The Nan Chang
Nan Jiang, Yagyu, H., Deguchi, M., Jaihyung Won, Mori, Y., Hatta, A., Kitabatake, M., Ito, T., Hirao, T., Sasaki, T., Hiraki, A. Study of ion-implanted and post-annealed CVD diamond by TEM 42365
Nan Li *see* Xiangyang Yang 23459
Nan Li *see* Zhiqing Wen 23451
Nan Miu Karen *see* Karen Nan Miu
Nan Yang *see* Yang Nan
Nan Zhang *see* Zhang Nan
Nan-Ning Zheng *see* Yao-Yong Li 24973
Nanamegi, H. *see* Hongbin Zha 15526
Nanami, M. *see* Miyagi, K. 59001
Nanashima, S. *see* Kunii, Y. 22510
Nanba, T. *see* Fukushima, T. 1475
Nance, P. *see* Kreuzer, C.H. 43028
Nance, S.A. *see* Fischer, A. 39103
Nancy, T. *see* Dupont, O. 57581
Nancy, T. *see* ShaoJun Wei 58058
Nanda, A. *see* Speranza, T. 22503
Nanda, A.K., Riley, T.J., Miner, G., Pas, M.F., Hossain-Pas, S. Evaluation of Applied Materials' rapid thermal processor using SEMATECH methodologies for 0.25 μm technology thermal applications. II 22486
Nanda, A.K. *see* Bondi, J.O. 21713
Nanda, A.K. *see* Ko, U. 21682
Nanda, A.K. *see* Riley, T.J. 22512
Nanda, G.S. *see* Garner, H. 18487
Nanda, H.K., Jones, N.B. Design aspects of an intelligent windscreen wiper based on fuzzy inference and the general framework for a hybrid control system managing passenger comfort in automobiles 39352
Nanda, J. *see* Kalam, A. 28769
Nanda, K., Desai, S.K., Roy, S.K. A new methodology for the design of asynchronous digital circuits 53175
Nanda, S. Media processors 53314
Nanda, S. *see* Chih-Lin I. 47369
Nanda, S. *see* Das, L.N. 40098
Nanda, S. *see* Rege, K.M. 26636
Nanda, S. *see* Yeung, K.L. 6528
Nandakumar, M., Chatterjee, A., Stacey, G., Chen, I.-C. A 0.25 μm gate length CMOS technology for 1V low power applications–device design and power/performance considerations 1238
Nandakumar, M. *see* Chatterjee, A. 11241
Nandakumar, M. *see* Rodder, M. 43294
Nandhakumar, N., Aggarwal, J.K. Physics-based integration of multiple sensing modalities for scene interpretation 25649
Nandhakumar, N., Michel, J.D., Arnold, D.G., Tsihrintzis, G.A., Velten, V. Robust thermophysics-based interpretation of radiometrically uncalibrated IR images for ATR and site change detection 25631
Nandhakumar, N. *see* Kapoor, R. 5239
Nandhakumar, N. *see* Michel, J. 25622
Nandhakumar, N. *see* Smith, P.W. 35051
Nandhakumar, N. *see* Wenyi Zhao 17523
Nandi, A.K. Asymptotic region of stability of digital filters represented by y[i]=Ay[i−1]+By[i−N−1]+x[i] 56507
Nandi, A.K., Azzouz, E.E. Modulation recognition using artificial neural networks 56248
Nandi, A.K., Mampel, D., Roscher, B. Blind deconvolution of ultrasonic signals in nondestructive testing applications 52921
Nandi, A.K., Zarzoso, V. Fourth-order cumulant based blind source separation 15261
Nandi, A.K. *see* Azzouz, E.E. 4429
Nandi, A.K. *see* Azzouz, E.E. 34508
Nandi, A.K. *see* Azzouz, E.E. 34509
Nandi, A.K. *see* McCormick, A.C. 9166
Nandi, A.K. *see* MacDougall, S. 52451
Nandi, R. Allpass network using a current conveyor 41312
Nandy, D., Ben-Arie, J., Jojic, N., Wang, Z., Rao, R.K. On the use of the Karhunen-Loeve transform and expansion matching for generalized feature detection 25410
Nandy, D. *see* Wang, Z. 5345
Nandy, S.K. *see* Menezes, V. 15998
Nanek, M. *see* Laskoskie, C. 58787
Nang Jongho *see* Jongho Nang
Nangalia, S. *see* Rinne, G. 22083
Nangle, P. Flash memories: description and comparison of NAND and NOR flash memories 1336
Nango, N. *see* Ogawa, T. 55910
Nango, T. *see* Harada, K. 35695
Nango, Y. *see* Harada, K. 35695
Nanii, O.E. *see* Voronin, V.G. 23830
Nanjundaswamy, K.S., Padhi, A.K., Goodenough, J.B., Okada, S., Ohtsuka, H., Arai, H., Yamaki, J. Synthesis, redox potential evaluation and electrochemical characteristics of NASICON-related-3D framework compounds 38948
Nanming Chen *see* Deh-Chang Wei 60227
Nannarelli, A., Lang, T. Low-power radix-4 divider 11320
Nannarone, S. Electronic properties of hydrogen exposed III-V semiconductor surfaces 41958
Nanni, L. *see* De Battisti, A. 9494
Nannini, A. *see* Bruschi, P. 58891
Nannini, A. *see* Diligenti, A. 42343
Nanping Chen *see* Chen Nanping
Nanqiang He *see* He Nanqiang
Nansheng Zhou *see* Zhou Nansheng
Nantel, M. *see* MacPhee, A.G. 13967
Nantel, M. *see* Maksimchuk, A. 28054
Nantista, C. *see* Miller, R.H. 49048
Nantista, C. *see* Ruth, R.D. 49165
Nantista, C.D. *see* Wang, J.W. 49051
Nanto, H., Douguchi, Y., Nishishita, J., Kadota, M., Kashiwagi, N., Shinkawa, T., Nasu, S. Novel erasable and rewritable optical memory utilizing photostimulated luminescence in Eu and Sm codoped SrS phosphor ceramics 43901
Nanto, H., Kondo, K., Habara, M., Douguchi, Y., Waite, R.I., Nakazumi, H. Identification of aromas

from alcohols using a Japanese-lacquer-film-coated quartz resonator gas sensor in conjunction with pattern recognition analysis 27737
Nanto, H., Morita, T., Habara, H., Kondo, K., Douguchi, Y., Minami, T. Doping effect of SnO_2 on gas sensing characteristics of sputtered ZnO thin film chemical sensor 36767
Nanto, H., Tsubakino, S., Habara, M., Kondo, K., Morita, T., Douguchi, Y., Nakazumi, H., Waite, R.I. A novel chemical sensor using $CH_3Si(OCH_3)_3$ sol-gel thin film coated quartz-resonator microbalance 17584
Nanver, L.K. *see* Cowern, N.E.B. 31747
Nanya, T., Kameda, Y. Pulse-driven delay-insensitive circuits using single-flux-quantum devices 1248
Nanya, T. *see* Duarte, E.P., Jr. 6136
Nanya, T. *see* Duarte, E.P., Jr. 35632
Nanya, T. *see* Kishore, B.R. 41113
Nanya, T. *see* Sung-Bum Park 41110
Nanya, T. *see* Thongtak, A. 31224
Nanya, T. *see* Yoneda, T. 41092
Nanzetta, K. *see* Dowling, J. 6032
Naoe, M., Ehara, Y., Kishida, H., Ito, T. The fractal analysis of the treeing process 43439
Naoe, N., Yamada, H. Prototype equipment for active noise control of motor 19672
Naoi, H., Naoi, Y., Sakai, S. MOCVD growth of InAsN for infrared applications 31858
Naoi, Y. *see* Naoi, H. 31858
Naoi, Y. *see* Okada, T. 775
Naoi, Y. *see* Sato, H. 31962
Naomoto, H. *see* Kawama, Y. 30869
Naone, R. *see* Thibeault, B.J. 23902
Naone, R.L., Hegblom, E.R., Thibeault, B.J., Coldren, L.A. Oxidation of AlGaAs layers for tapered apertures in vertical-cavity lasers 33525
Naor, M., Shamir, A. Visual cryptography II: improving the contrast via the cover base 56285
Naor, M. *see* Impagliazzo, R. 4535
Naoumidis, L.P. *see* Molebny, V.V. 7977
Napel, S. *see* Shahidi, R. 18399
Napier, A. *see* Allison, W.W.M. 37269
Napier, H.J. *see* Galloway, R.B. 49992
Napieralski, A. *see* Furmanczyk, M. 11041
Napieralski, A. *see* Grecki, M. 43225
Napieralski, A. *see* Turowski, M. 9287
Napieralski, A. *see* Turowski, M. 9873
Napieralski, A. *see* Wojciak, W. 43222
Napoleone, A. *see* Donnelly, J.P. 3831
Napoleone, A. *see* Walpole, J.N. 3824
Napoletano, C. *see* Caputo, C. 10178
Napoli, A.Di *see* Di Napoli, A.
Napoli, R., Piglione, F. On-line static security assessment of power systems by a progressive learning neural network 8799
Napolitano, A., Settimo, F., Ainsworth, P. Implementation perspectives for optimal routing in GSM networks 26615
Napolitano, A. *see* Berruto, E. 16560
Napolitano, A. *see* Izzo, L. 4805
Napolitano, A. *see* Izzo, L. 24916
Napoly, O. *see* Breidenbach, M. 37151
Naponen, E. *see* Kettunen, V. 57134
Napp, D. *see* Zwolinski, M. 22032
Napp, D. *see* Zwolinski, M. 41634
Napp, M. *see* Uhlenbusch, J. 4171
Nappi, C., Cristiano, R. Annular Josephson junctions as superconductive nuclear particle detectors 43797
Nappi, E. *see* Perrino, R. 37264
Nappi, J., Ovtchinnikov, A., Asonen, H., Heinemann, S., Daiminger, F. High power Al-free 808 nm laser bars 55671
Nappi, J. *see* Zhang, G. 44492
Nappi, M. *see* Della Vecchia, G. 15580
Nappi, M. *see* Distasi, R. 5431
Nappi, M. *see* Vitulano, S. 5268
Nappi, M. *see* Vitulano, S. 5359
Naqavi, S.A. *see* Thorp, J.S. 28737
Naqvi, S., Kerslick, G.S., Nation, J.A., Schacter, L. Coaxial extraction of RF power from a traveling wave amplifier 12109
Naqvi, S.S.H. *see* Raymond, C.J. 42847
Nara, K., Hasegawa, J. A new flexible, reliable and intelligent electrical energy delivery system 38265
Nara, K. *see* Hayashi, Y. 60322
Nara, K. *see* Kim, H. 50755
Nara, K. *see* Kuwabara, H. 38346
Nara, T. *see* Yokota, W. 49266
Nara Hwang, Gwan-Chong Joo, Sang-Hwan Lee, Seong-Su Park, Ho-Sung Cho, Min-Kyu Song, Kwang-Eui Pyun Structure-dependent reliability assessment of 1.3 μm InGaAsP/InP uncooled laser diodes by accelerated aging test 3842
Nara Won *see* Joon-Seo Yim 41225
Nara Won *see* Joonseo Yim 53334
Naraghi-Pour, M. *see* Hegde, M. 46638
Narahara, T., Aratani, K., Fukumoto, A., Masuhara, S. Partial-response maximum-likelihood detection method for magneto-optical recording 44119
Narahari, Y., Khan, L.M. Modeling reentrant manufacturing systems with inspection stations 20822
Narahari, Y., Khan, L.M. Modeling the effect of hot lots in semiconductor manufacturing systems 30148
Narahashi, S., Nojima, T. A new phasing scheme for multitone signal systems to reduce peak-to-average power ratio 45505
Narain, M. *see* Cremaldi, L. 59262
Narang, S.N. *see* Aswal, D.K. 55088
Naranjo, V. *see* Albiol, A. 45865
Narasimha, M.J. *see* Kim, D. 4782
Narasimha, S., Kamra, S., Rohatgi, A., Khattak, C.P., Ruby, D. The optimization and fabrication of high efficiency HEM multicrystalline silicon solar cells 39202
Narasimha, S. *see* Rohatgi, A. 39053
Narasimhalu, A.D. *see* Wu, J.K. 5015
Narasimhamurthi, N. *see* Safari, R. 5159
Narasimhan, L. *see* Gunther, B. 21572
Narasimhan, M. *see* Dixit, G.A. 42665
Narasimhan, P. *see* Raychaudhuri, D. 6089
Narasimhan, P. *see* Raychaudhuri, D. 26517
Narasimhan, R., Audeh, M.D., Kahn, J.M. Effect of electronic-ballast fluorescent lighting on wireless infrared links 6772
Narasimhan, R., Audeh, M.D., Kahn, J.M. Effect of electronic-ballast fluorescent lighting on wireless infrared links 16809
Narasimhan, R., Rosenkrantz, D.J., Ravi, S.S. Early comparison and decision strategies for datapaths that recover from transient faults 53104
Narasimhan, S.V. *see* Chandra, M.G. 5703
Narasimhan, V.L. *see* Slomka, S. 45654
Narasimhan, V.L., Jain, L.C. *(editors)* 1996 Australian New Zealand Conference on Intelligent Information Systems. Proceedings. ANZIIS 96 (Cat. No.96TH8234) 39528
Narasimman, R. *see* Felix, V.P. 46070
Narayan, A., Doherty, J.F. Multiple codebook decoding of VQ compressed images 25379
Narayan, A., Jain, J., Fujita, M., Sangiovanni-Vincentelli, A. Partitioned ROBDDs–a compact, canonical and efficiently manipulable representation for Boolean functions 11363
Narayan, A. *see* Jain, J. 30508
Narayan, A. *see* Jain, J. 53165
Narayan, J. *see* Borek, M.A. 12812
Narayan, J. *see* Dovidenko, K. 12285
Narayan, J. *see* Kumar, D. 13497
Narayan, J. *see* Oktyabrsky, S. 12546
Narayan, J. *see* Oktyabrsky, S. 12547
Narayan, J. *see* Vispute, R.D. 761
Narayan, J. *see* Vispute, R.D. 10801
Narayan, J. *see* Vispute, R.D. 10809
Narayan, J. *see* Vispute, R.D. 12552
Narayan, J. *see* Singh, R. *(editor)* 9797
Narayan, K.S., Gautam, K.S., Shivkumar, B., Ramakrishnan, S. Photocurrent spectral responses in poly(2,5-dimethoxy-p-phenylenevinylene) devices 3610
Narayan, M. *see* Levy, R.A. 42687
Narayan, M.D.Raj *see* Raj Narayan, M.D.
Narayan, P.B., Kim, Y.K. Materials reliability of GMR spin-valve structures 43721
Narayan, S. *see* Chang, E.-S. 31053
Narayana, M.S. Approximations ease power-amplifier design 1143
Narayana, P.A. *see* Bedell, B.J. 28269
Narayana, P.A. *see* Falconer, J.C. 28271
Narayana, S. *see* Johnson, M.A. 52411
Narayana, T.Badry *see* Badry Narayana, T.
Narayana, T.V. *see* Biju, S. 6044
Narayana, T.V. *see* Krishnakumar, M. 8261
Narayana, T.V. *see* Krishnakumar, M. 8266
Narayana, T.V. *see* Vishwanathan, A.N. 8291
Narayana Dutt, D. *see* Pradhan, N. 8059
Narayana Dutt, D. *see* Sadasivan, P.K. 28343
Narayana Rao, D. *see* Aranda, F.J. 24229
Narayanachar, M.N. *see* Mohsin, M.M. 19789
Narayanachar, M.N. *see* Raja, K. 19788
Narayanachar, M.N. *see* Raja, K. 32722
Narayanamurti, V. *see* Brazel, E.G. 22255
Narayanamurti, V. *see* Rubin, M.E. 22345
Narayanamurti, V. *see* Rubin, M.E. 42139
Narayanan, C., Presby, H.M., Vengsarkar, A.M. Band-rejection fibre filter using periodic core deformation 33030
Narayanan, H. *see* Patkar, S. 52966
Narayanan, K.R., Stuber, G.L. A novel ARQ technique using the turbo coding principle 45570
Narayanan, M. *see* Krabbe, R.J. 39455
Narayanan, P.J. *see* Rander, P.W. 25486
Narayanan, R. *see* Khadakkar, A.G. 33763
Narayanan, R. *see* Ortiz-Conde, A. 32431
Narayanan, R.M., Mueller, R.D., Palmer, R.D. Random noise radar interferometry 26941
Narayanan, R.M. *see* Corner, B.R. 18823
Narayanan, R.M. *see* Hoffmeyer, P.D. 8695
Narayanan, R.M. *see* Howell, P.B. 18825
Narayanan, R.M. *see* Jackson, S.R. 18896
Narayanan, R.M. *see* Palmer, R.D. 60052
Narayanan, R.M. *see* Yi Xu 8357
Narayanan, R.M. *see* Zhang, J. 8414
Narayanan, S., Alwan, A. Parametric hybrid source models for voiced and voiceless fricative consonants 14939
Narayanan, S., Creager, J., Roy, M., Wohlgemuth, J. Process development toward a 15% efficient 230 cm^2 screen printed multicrystalline silicon solar cell 39015
Narayanan, S. *see* Doshi, P. 39196
Narayanan, S. *see* Ruby, D.S. 39023
Narayanan, S. *see* Singh, R. 22493
Narayanan, S. *see* Singh, R. 42399
Narayanan, S. *see* Wohlgemuth, J.H. 39157
Narayanan, S.B., McLaughlin, J., Atlas, L., Droppo, J. An operator theory approach to discrete time-frequency distributions 45781
Narayanan, S.R. *see* Valdez, T.I. 61066
Narayanan, V., Chappell, B.A., Fleischer, B.M. Static timing analysis for self resetting circuits 11346
Narayanan, V. *see* Shepard, K.L. 11361
Narayanan, V.M. *see* Shankar, P.M. 7980
Narayanasamy, A. *see* Manivel Raja, M. 23295
Narayanaswamy, P.R.Iyer *see* Iyer Narayanaswamy, P.R.
Narayandass, S.K. *see* Gurumurugan, K. 871
Narayanswamy, C. *see* Fischer, A. 39103
Narayanswamy, R. *see* Metz, J.L. 37619
Narayanswamy, R. *see* Metz, J.L. 37729
Narcowich, F.J., Ward, J.D. Nonstationary wavelets on the m-sphere for scattered data 24980
Nardelli, D. *see* Troitsky, V.I. 828
Nardo, E.Di *see* Di Nardo, E.
Nardone, P., Fortuny, J., Sieber, A. Initial conditions, reflection and transmission coefficients revisited 24462
Nardone, S.C., Graham, M.L. A closed-form solution to bearings-only target motion analysis 45729
Narducci, D., Girardi, G., Piseri, C. Preparation, micromorphology and stability of tin dioxide thin films 12298
Narducci, D., Romanelli, C. Morphology control and microstructural evolution of tin dioxide thin film sensors 58894
Narduzzi, C. *see* Bertocco, M. 27400
Naredo, J.L. *see* Guardado, J.L. 38696
Narendran, B. *see* Agrawal, P. 47692
Nargi-Toth, K. *see* Conrod, J. 1802
Narihiro, M., Yusa, G., Nakamura, Y., Noda, T., Sakaki, H. Resonant tunneling of electrons via 20 nm scale InAs quantum dot and magnetotunneling spectroscopy of its electronic states 22337
Narikiyo, T. *see* Itoh, S. 55363
Narine, T. *see* Cooperstock, J.R. 47248
Narinskaya, V.M. *see* Tubis, Ya.B. 61220
Narita, K., Kawano, T., Takeshima, H. Feasibility study of high density land/groove recording on magnetooptical disks 44114
Narita, K. *see* Tanimoto, M. 15601
Narita, K. *see* Zbroszczyk, J. 23309
Narita, M. *see* Akimoto, T. 37516
Narita, M. *see* Naeem, M. 54481
Narita, N., Sugiura, Y. On an absolute evaluation method of the quality of television sequences 36324
Narita, S. *see* Abe, K. 37234
Narita, T. *see* Onoda, H. 54523
Narita, Y., Eberl, S., Iida, H., Hutton, B.F., Braun, M., Nakamura, T., Bautovich, G. Monte Carlo and experimental evaluation of accuracy and noise properties of two scatter correction methods for SPECT 8005
Narita, Y. *see* Sato, K. 28161
Naritomi, T. *see* Miyaki, I. 26054
Nariyama, K., Singh, K., Ohya, J., Kishino, F. Realistic and real-time reproduction of human body movements for virtual space teleconferencing 15458
Narkhinov, V.P. *see* Semenov, A.P. 18073
Narkiewicz, J. A survey of applicability of electrically/mechanically stimulated materials to sensors and actuators on smart structures 52867
Narkowicz, R. *see* Brazis, R. 42055
Narkun, Z.M. Electric capacitance of systems of parallel infinitely long circular shells 4181
Narn-Yih Lee *see* Tzonelih Hwang 6224
Narovlyanskii, V.G. *see* Yakimets, I.V. 8948
Narovlyanskii, V.G. *see* Yakimets, I.V. 9670
Narovlyanskii, V.G. *see* Yakimets, I.V. 28814
Narui, H. Metalorganic vapor deposition growth of AlGaAs on a ridged GaAs(100) substrate for a low threshold current laser 804
Narui, M. *see* Shikama, T. 53722
Narui, S. *see* Tsuneno, K. 11450
Narukawa, Y., Kawakami, Y., Funato, M., Fujita, S., Fujita, S., Nakamura, S. Role of self-formed InGaN quantum dots for exciton localization in the purple laser diode emitting at 420 nm 42098
Naruke, K. *see* Yamada, S. 1343
Narumalani, S. *see* Arnavut, Z. 25308
Narumi, Y. *see* Ozawa, S. 7607
Narumiya, Y. *see* Morikoshii, H. 695
Naruo, K. *see* Kawahara, Y. 17108
Narusawa, T., Nishiyama, F., Zhu, Z., Yao, T. (110) substrates for ZnSe on GaAs heteroepitaxy 30765
Naruse, M. *see* McArdle, N. 33182
Naruse, M. *see* Nakao, Y. 19820
Naruse, M. *see* Nakao, Y. 23245
Narvaez, J., Sebastian, P.J. Formation of photosensitive films by high temperature sintering 22264
Narvaez, J. *see* Sebastian, P.J. 31810
Narvaez, P. *see* Jackson, D.K. 51195
Narveson, B. How many isolated dc-dc converters do you really need? 31075
Narzul, J.-P.Le *see* Le Narzul, J.-P.
Nasalski, W. Scale formulation of first-order nonlinear optics 55816
Nasalski, W. First-order nonlinear optics–aberrationless, nonspecular and bistable effects 55859
Nasar, S.A. *see* Boldea, I. 29347
Nascu, C., Vomir, V., Pop, I., Ionescu, V., Grecu, R. The study of lead sulphide films. VI. Influence of oxidants on the chemically deposited PbS thin films 31893
Nascu, C. *see* Pop, I. 2086

Naseem, H. *see* Dovgalenko, G. 14420
Naseem, H.A. *see* Brown, W.D. 40530
Naseem, H.A. *see* Haque, M.S. 43428
Naseem, H.A. *see* Pawar, M.R. 10884
Naseer, A.R., Balakrishnan, M., Kumar, A. Delay minimal mapping of RTL structures onto LUT based FPGAs 11074
Naseer, A.R., Balakrishnan, M., Kumar, A. Optimal clock period for synthesized data paths 52971
Naseh, S., Landsberger, L.M., Paranjape, M., Nikpour, B., Kahrizi, M., Antaki, R., Currie, J.F. Release-control structure for post-process release of a micromachined cantilever 13189
Naseri, H., Stuller, J.A. Segmentation and motion estimation 25364
Nash, C. *see* Gray, R.M. 8038
Nash, C.T. *see* Raquet, J. 18747
Nash, E. Buffered multiplexers for video applications 58085
Nash, F. *see* Villarica, R.M. 13561
Nash, G.R., Bending, S.J., Boero, M., Grambow, P., Eberl, K., Kershaw, Y. Anisotropic surface acoustic wave scattering in quantum-wire arrays 2157
Nash, J.N. Direct torque control, induction motor vector control without an encoder 61111
Nash, R.A. Utilizing latest FPD technologies while minimizing vulnerability to manufacturer's discontinuation of products 17631
Nash, R.J., Bickmore, J.T., Hollenbaugh, W.H., Jr., Wohaska, C.L. Xerographic response of an aging conductive developer 33226
Nash, T.J. *see* Sanford, T.W.L. 7753
Nash-Stevenson, S.K. *see* Bullock, S.R. 44644
Nash-Stevenson, S.K. *see* Pope, C.L. 55519
Nashash, H.A. *see* Lvov, B.V. 6829
Nashelsky, A.Ya., Pulner, E.O. A volatile impurity distribution over the length of a crystal grown via the method of directional melt crystallization 30705
Nashiki, H. *see* Suemune, I. 40468
Nashiki, H. *see* Suzuki, H. 31966
Nashimoto, K., Moriyama, H., Osakabe, E. Control of crystallinity in sol-gel derived epitaxial $LiNbO_3$ thin films on sapphire 2911
Nashimoto, Y. *see* Haruyama, J. 13035
Nashiyama, I. *see* Ohshima, T. 29649
Nashiyama, I. *see* Ohyama, H. 22761
Nashiyama, I. *see* Ohyama, H. 42920
Nasi, L. *see* Holt, D.B. 39036
Nasibov, A.S. *see* Kozlovskii, V.I. 44479
Nasibov, G.N. *see* Kadzhar, Ch.O. 17741
Nasilowski, T. *see* Berghmans, F. 44091
Nasir, A., Ansari, A.Q., Ahmad, W. A simple method for the measurement of impedances in polar form 48817
Nasiri-Kenari, M., Rushforth, C.K. A class of DC-free subcodes of convolutional codes 4527
Nasiri-Kenari, M., Rushforth, C.K., Abbaszadeh, A.D. A reduced-complexity sequence detector with soft outputs for partial-response channels 14834
Naso, C., Pitrone, N. On-line management of the distribution system: results of on-field test 19317
Nasr, C. *see* Nsengiyumva, S. 44248
Nasrabadi, N.M., Sattler, J.P., Kwon, H., Rizvi, S.A. High compression of SAR imagery for battlefield surveillance 8661
Nasrabadi, N.M., Venkatraman, M., Kwon, H. Compression of SAR imagery using adaptive residual vector quantization 60170
Nasrabadi, N.M. *see* Chan, L.A. 25493
Nasrabadi, N.M. *see* Chan, L.A. 25744
Nasrabadi, N.M. *see* Jang, E.S. 25359
Nasrabadi, N.M. *see* Park, S.H. 25382
Nasrabadi, N.M. *see* Rizvi, S.A. 56687
Nasrabadi, N.M. *see* Young, S.S. 35290
Nasrednov, F.S. *see* Masterov, V.F. 54125
Nasri, A. Curve interpolation in recursively generated B-spline surfaces over arbitrary topology 10462
Nasri, R. *see* Siblini, A. 23338
Nass, R. High-end boards continue to raise performance bar 21746
Nass, R. Single-chip audio device handles wavetable synthesis 27196
Nassar, A. *see* Farouk, H. 35263
Nassar, C.R., Soleymani, M.R. A novel receiver structure for MPSK in the presence of rapidly changing phase 4828
Nasser, A. *see* Kamiel, Z. 61087
Nassery, P., Faez, K. Signature pattern recognition using pseudo Zernike moments and a fuzzy logic classifier 57226
Nassi, G. *see* Taddei, A. 49474
Nassif, C., Nemes, M.C. Superradiance phenomena in a nonlinear generalization of the maser model 55483
Nassif, M.P. *see* Stabler, E.P. 11501
Nassiopoulos, A.G. *see* Grigoropoulos, S. 1979
Nassiopoulos, A.G. *see* Kaltsas, G. 41867
Nassiri, A. *see* Henke, H. 49122
Nassisi, V. Realization and characterization of a transmission line compression circuit for low impedance pulse power generation 31108
Nassopoulos, A. *see* Pieper, R.J. 55227
Nast, R. *see* Kotsubo, V. 43850
Nast, R. *see* Wong, W.H. 55135
Nastar, C., Ayache, N. Frequency-based nonrigid motion analysis: application to four dimensional medical images 8022
Nastar, C., Moghaddam, B., Pentland, A. Flexible images: matching and recognition using learned deformations 46416
Nastar, C. *see* Moghaddam, B. 5391
Nastasi, M., Elmoursi, A.A., Faehl, R.J., Hamdi, A.H., Henins, I., Malaczynski, G.W., Mantese, J.V., Munson, C., Qui, X., Reass, W.A., Rej, D.J., Scheuer, J.T., Speck, C.E., Walter, K.C., Wood, B.P. Materials science issues of plasma source ion implantation 10885
Nastasi, M. *see* Jervis, T.R. 22603
Nastasi, M. *see* McIntyre, P.C. 43662
Nastoyashchii, A.F., Morozov, I.N., Rodionov, N.B. Electron emission at superhigh current densities 22159
Nastran, J. *see* Nedeljkovic, D. 8758
Nastro, V., Rovito, L., Russo, A. Alternative map projections for air traffic control 18749
Nasu, H., Ito, T., Hase, H., Matsuoka, J., Kamiya, K. Third-order optical non-linearity of Bi_2O_3-based glasses 14316
Nasu, H. *see* Hase, H. 4016
Nasu, H. *see* Kanbara, H. 44628
Nasu, K. *see* Mantsyzov, B.I. 14401
Nasu, M. *see* Peng Chen 39919
Nasu, S. *see* Hinomura, T. 43634
Nasu, S. *see* Nanto, H. 43901
Nasu, T. *see* Shimada, Y. 2984
Nasunjilegal, B. *see* Wang, J.L. 23297
Nasyrov, A.R. *see* Makarov, A.S. 13840
Nataf, G. *see* Omnes, F. 9538
Natale, C., Cherifi, H. A distortion analysis of image VQ-based coding using a finite mixture distribution model 46489
Natale, C.di *see* di Natale, C.
Natale, E.Di *see* Di Natale, E.
Natale, F.G.B.De *see* De Natale, F.G.B.
Natale, M.Di *see* Di Natale, M.
Natale, P.De *see* De Natale, P.
Natalucci, L. *see* Bazzano, A. 7799
Natalyuk, M.F. *see* Kolpak, B.D. 7281
Natan, D., Orenstein, M. Coherence, stability and localization resistance of extended two dimensional vertical cavity locked laser arrays 23926
Natansohn, A. *see* Paterson, J. 13633
Natansohn, A. *see* Rochon, P. 55264
Natarajan, B., Konstantinides, K., Herley, C. Occam filters for stochastic sources with application to digital images 56930
Natarajan, B., Vasudev, B., Konstantinides, K. Low-complexity algorithm and architecture for block-based motion estimation via one-bit transforms 25664
Natarajan, B. *see* Konstantinides, K. 35298
Natarajan, L.V., Sutherland, R.L., Tondiglia, V.P., Bunning, T., Adams, W.W. Electro-optical switching of volume holographic gratings recorded in polymer dispersed liquid crystals 4133
Natarajan, M. *see* Bao, X.J. 37308
Natarajan, M. *see* Goorsky, M.S. 37301
Natarajan, M. *see* Medlin, D.L. 37336
Natarajan, M. *see* van Scyoc, J.M. 37305
Natarajan, R., Vilmur, P. Concentration in HFC telephony systems 16198
Natarajan, R. *see* Cross, E.S. 37304
Natarajan, S. Voltage-mode filters using CFAs insensitive to their nonideal parameters 41302
Natarajan, S. *see* Long Wan 41303
Natarajan, S. *see* Marr, D.T. 1467
Natarajan, S. *see* Martin, B.J. 49584
Natarajan, V. *see* Behringer, R.E. 54556
Natatsuka, S. *see* Kondow, M. 14106
Natelson, B.H. *see* Zhang, P.Z. 49666
Natelson, D. *see* Kupiszewski, T. 32946
Nateprov, A., Radautsan, S., Schon, J.H., Kloc, K., Riazi-Nejad, H., Bucher, E. ZnO/CdS/$CuGaSe_2$ single crystal solar cells 61082
Natesan, V., Gupta, A., Katkoori, S., Bhatia, D., Vemuri, R. A constructive method for data path area estimation during high-level VLSI synthesis 40836
Nath, A.K. *see* Bhawalkar, D.D. 39761
Nath, A.K. *see* Choudhary, P. 55499
Nath, J. *see* Mali, S. 19300
Nath, J. *see* Srivastava, G.P. 3274
Nath, P. *see* Mishra, G.K. 58069
Nath, S. Funneling in LANL high intensity linac designs 7703
Nath, S., Billen, J.H., Stovall, J.E., Takeda, H., Young, L.M. Front-end physics design of APT linac 49168
Nath, S., Billen, J.H., Stovall, J.E., Takeda, H., Young, L.M. Physics design of APT linac with normal conducting RF cavities 49170
Nath, S. *see* Garnett, R.W. 17896
Nath, S. *see* Krawczyk, F.L. 7704
Nath, S. *see* Lapostolle, P. 49087
Nath, S. *see* Lawrence, G. 49177
Nath, S. *see* Stovall, J.E. 49169
Nath, S. *see* Takeda, H. 49055
Nath, S. *see* Wangler, T.P. 49188
Nath, S.K., Singh, S.K., Pani, A., Sengupta, S. Forward modelling in cross-hole seismic tomography using reciprocity 38031
Nath, S.S. *see* Sen, S. 48357
Nathan, A. *see* Bhatnagar, Y.K. 13154
Nathan, A. *see* Lu, Y. 43727
Nathan, A. *see* Yong Lu 43632
Nathan, M. *see* Kaplan, L. 41991
Nathan, M.I. *see* Chen, C.-J. 33138
Nathan, M.I. *see* Fung, A.K. 32438
Nathan, S. Current and future deployment of WDM in the USA 58330
Nathan, S., Tarazi, I. Challenges to create optical networks for large carriers 26892
Nathan, V. Laser-induced upset of HgCdTe IR detectors 48532
Nathan, V. Linear absorption in $Hg_{1-x}Cd_xTe$ 48537
Nati, S., Kyles, I. A monolithic gallium arsenide interval timer IC with integrated PLL clock synthesis having five hundred picosecond single shot resolution 31207
Nation, J.A. *see* Flechtner, D. 1904
Nation, J.A. *see* Golkowski, C. 12113
Nation, J.A. *see* Naqvi, S. 12109
Natkaniec, Z. *see* Miyata, H. 37384
Natkaniec, Z. *see* Senyo, K. 37386
Natke, H.G. *see* Cempel, C. 59021
Natori, A., Fujito, M., Yasunaga, H. Capacitance of anisotropic quantum dots 42236
Natori, K. *see* Fischetti, M.V. 12160
Natori, K. *see* Sakuyama, S. 11885
Natori, K. *see* Sano, N. 42208
Natori, K. *see* Terashima, M. 39322
Natori, K. *see* Terashima, M. 51744
Natori, M. *see* Cheng Hai Jin 21127
Natori, M.C. *see* Kakizaki, K.-I. 56139
Natori, N. *see* Kaiho, K. 55074
Natowicz, R., Bergen, L., Gas, B. Kohonen's maps for contour and "region-like" segmentation of gray level and color images 25735
Natrajan, R. *see* Chandrasekhar, P. 20993
Natsik, V.D. *see* Pal-Val, P.P. 23392
Natsin, V.A. *see* Vafiadi, A.V. 58825
Natsui, T. *see* Nishikawa, M. 23598
Natsume, N., Noda, H. Construction and preoperational test of Kashiwazaki-Kariwa nuclear power station unit no. 6 9074
Natsusaka, M. *see* Sakamoto, Y. 1744
Natsusaka, M. *see* Sakamoto, Y. 53710
Natsuume, M. *see* Tachikawa, K. 55101
Natto, S.S.A. *see* Lewis, D.G. 59472
Nattori, T. *see* Hongo, H. 22742
Nattrass, L.A. *see* Friedman, A. 59103
Nattrass, L.A. *see* Newton, M.A. 59105
Natvig, B., Gasemyr, J. On probabilistic risk analysis of technological systems 19508
Nau, D.S. *see* Regli, W.C. 5038
Nau, S.L., Silveira, S.B. Determination and analysis of causes of induction motor magnetic noise 50967
Nau, S.L. *see* Bastos, J.P. 51020
Nauchi, Y. *see* Matsuyama, S. 37452
Naudet, S., Nicolas, L., Faye, C., Viala, M. Tracking objects in a long monocular image sequence with occlusion managing 46520
Naughton, J.F. *see* Venkataraman, S. 57864
Naujoks, G. *see* Kupferman, S.L. 27217
Nauka, K. *see* Krska, J.-H.Y. 22462
Naukamm, J. *see* Friedrich, C. 9752
Naulleau, P. *see* Leith, E. 4119
Naumann, B. *see* Huebner, B. 37357
Naumann, L. *see* Huebner, B. 37357
Naumann, M. *see* Glas, P. 23807
Naumann, M. *see* Glas, P. 33426
Naumann, T. *see* Eick, W. 59238
Naumann, Th. *see* Eick, W. 28034
Naumenko, A.V. *see* Kotomtseva, L.A. 44328
Naumenko, M.A. *see* Karetnikov, S.G. 27036
Naumenkov, A.I. *see* Aulchenko, V.M. 37247
Naumkin, N.I. *see* Kravtsov, N.V. 23728
Naumov, A.K. *see* Sarukura, N. 3752
Naumov, A.N. *see* Akimov, D.A. 3337
Naumov, A.N. *see* Akimov, D.A. 43903
Naumov, A.N. *see* Zheltikov, A.M. 4057
Naumov, A.P. *see* Kitai, Sh.D. 14608
Naumov, A.P. *see* Markina, N. 8445
Naumov, A.V. *see* Buzanov, O.A. 10624
Naumov, N.V., Petrovskiy, V.N., Protsenko, E.D., Yermachenko, V.M. Intensity and frequency resonances in a He-Ne/CH_4 laser with synchronized modes 44358
Naumov, R.M. *see* Vukelja, P.I. 19345
Naumov, S.V. *see* Gizhevskii, B.A. 32153
Naumov, V. *see* Kalashnikova, I. 13233
Naumov, V.S., Kalashnikova, I.I., Aleshko-Ozhevskij, O.P. The investigation of the real structure and mechanical stresses in berlinite and langasite crystals 13235
Naumova, I.I. *see* Kataevskii, N.G. 32966
Naumova, N.M. *see* Klyachko, A.V. 28026
Naumovich, G.N., Clarke, L.A., Osterweil, L.J. Verification of communication protocols using data flow analysis 5852
Naumovski, I. *see* Shammas, N. 19913
Naunin, D. Electric vehicles 9671
Naunin, D. *see* Kruger, L. 51003
Naunton, S. *see* Combridge, B.L. 11510
Naus, D.J., Oland, C.B., Ellingwood, B.R., Graves, H.L., III, Norris, W.E. Aging management of containment structures in nuclear power plants 29031
Nauwelaers, B. *see* Baeyens, Y. 53659
Nava, F., Bertuccio, G., Vanni, P., Fantacci, M.E., Canali, C., Cavallini, A., Peroni, M. Improved performance of GaAs radiation detectors 59280
Nava, F., Vanni, P., Canali, C., Cavallini, A., Chiossi, C., Bertuccio, G., Pullia, A., Lanzieri, C. SI LEC GaAs nuclear detectors: characterization, performance and applications 59213
Nava, F. *see* Bertuccio, G. 59208

Nava, F. *see* Quaranta, A.A. 37329
Nava, J.F.Garcia *see* Garcia Nava, J.F.
Nava, R., Ponce, M.A., Rejon, L., Viquez, S., Castano, V.M. Response time and viscosity of electrorheological fluids 40696
Navakauskas, D. New trends in speech processing with artificial neural networks 34656
Navaneethakrishnan, K. *see* Jayam, Sr.G. 2051
Navara, M. Boolean representations of fuzzy quantum spaces 52386
Navarrete, B., Canadas, L., Cortes, V., Salvador, L., Galindo, J. Influence of plate spacing and ash resistivity on the efficiency of electrostatic precipitators 38609
Navarrete, J. *see* Adam, A. 37280
Navarrete, J.J. *see* Alberdi, J. 37564
Navarrete, L. Direction of polyethylene separator development for the SLI market 61004
Navarro, E. *see* Espi, J.M. 51854
Navarro, E.A. *see* Reig, C. 24567
Navarro, F.J. *see* Mari, B. 31805
Navarro, H. *see* Gudino-Martinez, A. 2000
Navarro, J., Ruiz, J.M. Failure-rate functions for doubly-truncated random variables 30396
Navarro, J.J. *see* Larriba-Pey, J.-L. 592
Navarro, L. *see* Chandler, D. 51458
Navarro, L. *see* Rodriguez, G. 16239
Navarro, L.M. *see* Marques, F.M.B. 29607
Navarro, M.F., Notario, A.P. Simulation of heterogeneous optical channel for indoor wireless infrared communications 6091
Navarro, M.J. *see* Voccio, J.P. 60721
Navarro, R., Sarabia, J. Focal points and second-order linear differential equations 10499
Navarro, R. *see* Escofet, J. 39858
Navarro, R. *see* Marcos, S. 28085
Navarro, R. *see* Portilla, J. 46125
Navas, R. *see* Vidal-Verdu, F. 1630
Navasquillo, J. *see* Diez, A. 36871
Navatel, R. *see* Duchateau, J.L. 32948
Nave, J. *see* Jung, E. 22094
Navet, N. *see* Yeqiong Song 57859
Navghare, P.M., Limaye, S.S. Computer aided interactive network synthesis 40820
Navi, M., Dunham, S.T. Modeling SiO_2 stress relaxation and stress dependent oxidation 54418
Navia-Vazquez, A. *see* Isasi-Vinuela, P. 38634
Navid, S. *see* Behbahani, F. 21542
Navid, S. *see* Behbahani, F. 21778
Navsariwala, U.D., Gedney, S. An unconditionally stable parallel finite element time domain algorithm 34143
Navvab, M. Scale model photometry techniques under simulated sky conditions 36350
Nawa, K., Ohkita, M. Reliability of the laminate from advanced COPNA-resin/E-glass fabrics system 30979
Nawa, M., Takizawa, T., Yokozawa, O., Irie, T. Flat-track-type vehicle testing system, demonstrating its compactness (flat chassis dynamometer) 17802
Nawab, S.H., Oppenheim, A.V., Chandrakasan, A.P., Winograd, J.M., Ludwig, J.T. Approximate signal processing 45806
Nawab, S.H. *see* Ludwig, J.T. 24897
Nawab, S.H. *see* Mani, R. 24899
Nawab, S.Hamid *see* Hamid Nawab, S.
Nawak, M., Rarlik, R., Grochal, P. Three phase line converter with optimising influence on power system 51334
Nawano, S. *see* Okuno, K. 49454
Nawarycz, T., Jankowski, J., Ostrowska-Nawarycz, L., Baszczynski, J. Triple-frequency electroimpedance method for evaluation of body water compartments 59614
Nawata, M. *see* Yong Hyuk Kim 43167
Nawaz, M., Jensen, G.U. Design of active phase shifters based on multichannel heterojunction field effect transistors (MCHFET's) 1646
Nawaz, M. *see* Burton, P.C.M. 20525
Nawfel, R.D. Comment on "TLD measurements of in vivo mammographic exposures and the calculated mean glandular dose across the United States" [Med. Phys. 23, 899-903 (1996)] 49817
Nawghare, P.M., Singh, K., Limaye, S.S. PC based instrument for impedance analysis, cyclic voltammetry and transient analysis 27394
Naya, M. *see* Mononobe, S. 58811
Nayagam, S.C. *see* Avudainayagam, K.V. 55785
Nayak, D. *see* Ming-Yin Hao 54804
Nayak, D.K. *see* Bera, L.K. 22549
Nayak, D.K. *see* Bera, L.K. 22557
Nayak, N. *see* Joshi, A. 23721
Nayak, O.B. *see* Gole, A.M. 38858
Nayak, R.R. *see* Bhat, J.C. 22501
Nayar, C.V. *see* Borle, L.J. 60585
Nayar, S.K., Watanabe, M., Noguchi, M. Real-time focus range sensor 17544
Nayar, S.K., Xi-Sheng Fang, Boult, T. Separation of reflection components using color and polarization 46317
Nayar, S.K. *see* Baker, S. 5584
Nayar, S.K. *see* Murase, H. 5047
Nayar, S.K. *see* Murase, H. 15727
Nayar, V. *see* Bozeat, R.J. 23043
Nayeri, M. *see* Iyer, U. 15284
Nayfeh, B.A. *see* Olukotun, K. 1436
Nayfeh, M.H. *see* Martin, G.A. 21254
Nayfeh, M.H. *see* Rigakis, N. 33242
Naylor, A.R. *see* Smith, J.L. 49555
Naylor, K. *see* Milne, A. 54756
Naylor, P. *see* Doukas, N. 56395
Naylor, R. *see* Smith, J.L. 28090
Nayuki, M. *see* Koseki, T. 13729
Nayuki, T. *see* Fujii, T. 33469
Naz, O., Ditchi, T., Lewiner, J., Alquie, C. Direct measurement of injected charges in insulators submitted to strongly diverging fields using the pressure wave propagation method 58978
Nazarchuk, Z. Advance of mathematical methods of electromagnetic theory in the Karpenko Physico-Mechanical Institute 45011
Nazarchuk, Z., Ovsyannikov, O. Diffraction of electromagnetic wave on multielement diffraction grating 24433
Nazare, M.H. *see* Boemare, C. 22314
Nazarenko, S. *see* Meigas, K. 28287
Nazareno, H.N., Masut, R.A. Bloch oscillations in a Boltzmann transport equation formalism under the relaxation time approximation 42176
Nazareno, H.N. *see* Shon, N.H. 54188
Nazareth, S. *see* Chien, C. 26232
Nazareth, S. *see* Mangione-Smith, W. 16466
Nazarkin, A. *see* Kittelmann, O. 33666
Nazarko, J., Zalewski, W. An application of the fuzzy regression analysis to the electrical load estimation 8878
Nazarko, J., Zalewski, W. Modelling of the effect of inaccuracy in load evaluation on the result of analysis of power distribution systems 19306
Nazarko, J., Zalewski, W. The fuzzy set approach to substation peak load estimation 19928
Nazarko, J. *see* Broadwater, R.P. 38922
Nazarov, A.A., Yurevich, N.M. Study of the bistability of a network with the ALOHA protocol and a finite number of stations 58242
Nazarov, A.A., Yuzhakov, A.A. Study and optimization of a controllable adaptive terminal measuring system 399
Nazarov, A.A. *see* Davydov, N.I. 19529
Nazarov, A.N., Barchuk, I.P., Kilchitskaya, V.I. Thermal polarization and depolarization processes in BOX of SOI SIMOX structures 42306
Nazarov, A.N. *see* Barchuk, I.P. 32085
Nazarov, A.N. *see* Barchuk, I.P. 43259
Nazarov, D.S. *see* Batrakov, A.V. 23206
Nazarov, I.V. *see* Gvozdev, V.I. 17293
Nazarov, N. *see* Evstropov, V.V. 42066
Nazarov, S.L. *see* Konyaev, A.Yu. 20262
Nazarov, V.N. *see* Andreeva, O.V. 14415
Nazarov, Yu.V. *see* McEuen, P.L. 54185
Nazem, S.M. *see* Heeseok Lee 16187
Nazimov, A. *see* Harel, R. 12402
Nazin, S.S. *see* Molotkov, S.N. 31191
Nazin, S.S. *see* Molotkov, S.N. 45491
Nazin, S.S. *see* Molotkov, S.N. 53264
Nazin, S.S. *see* Molotkov, S.V. 56359
Nazran, P. *see* Hill, E.W. 7243
Nazri, G.A., Conell, R.A., Julien, C. Preparation and physical properties of lithium phosphide-lithium chloride, a solid electrolyte for solid state lithium batteries 29559
NcLean, G.F. *see* Leung, J.C.H. 57236
Ndagijimana, F., Chilo, J. CAD models of a QFP-24 pin package for radiofrequency applications 39812
Ndagijimana, F., Chilo, J. Design of very high performance packages for microwave GaAs IC's 53663
Ndagijimana, F. *see* Corrao, N. 9916
Ndap, J.O. *see* Tournie, E. 770
Ndeh-Che, F. *see* Lai, L.L. 50661
Nderu, J.N., Shinokawa, Y., Yamasaki, J., Humphrey, F.B., Ogasawara, I. Dependence of magnetic properties of $(Fe_{50}Co_{50})_{78}Si_7B_{15}$ amorphous wire on the diameter 3032
Ndousse, T.D., Okuda, T. Computational intelligence for distributed fault management in networks using fuzzy cognitive maps 5975
Ndzi, D., Shen, X., Austin, J., Vilar, E. Wide-band statistical characterisation of an over-the-sea experimental transhorizon link 35918
Neacsu, D. *see* Stincescu, R. 38739
Neacsu, D.O. *see* Donescu, V. 9620
Neacsu, D.O. *see* Donescu, V.D. 20126
Neag, M., Festila, L., Fazakas, A. A current mode versatile analog building block 40934
Neag, M. *see* Festila, L. 40935
Neagoe, O., Avram, M. A new bipolar magnetotransistor with combined phenomena of carrier deflection and emitter injection modulation 48480
Neagoe, O. *see* Avram, M. 43403
Neagoe, O. *see* Podaru, C. 48702
Neagu, C. *see* Jansen, H. 42495
Neagu, E.R., Neagu, R.M., Marat-Mendes, J.N. Analysis of electrical charge transport, storage and release by metal-insulator-metal structures 54314
Neagu, E.R., Neagu, R.M., Pissis, P., Das-Gupta, D.K. The characterization of insulating materials using triangular signals of very high period 58959
Neagu, E.R., Pissis, P., Marat-Mendes, J.N., Ribelles, G., Neagu, R.M. The dipolar α peak and space charge ρ peak in the electrical polarized materials 54879
Neagu, M. *see* Chiriac, H. 3142
Neagu, M. *see* Hristoforou, E. 3036
Neagu, M. *see* Hristoforou, E. 3254
Neagu, M. *see* Hristoforou, E. 17302
Neagu, R.M. *see* Neagu, E.R. 54314
Neagu, R.M. *see* Neagu, E.R. 54879
Neagu, R.M. *see* Neagu, E.R. 58959
Neal, H. *see* Gauen, K. 22836
Neal, H. *see* Miyamoto, I. 59269
Neal, J. *see* Riley, A.L. 58260
Neal, J. *see* Riley, L. 58257
Neal, J. *see* Zhou, Z.-L. 7793
Neal, R.M. *see* MacKay, D.J.C. 45586
Neal, T.E., Bingham, A.H., Doughty, R.L. Protective clothing guidelines for electric arc exposure 39681
Neale, C.M.U. *see* Ahmed, R.H. 8514
Neale, M. *see* Wilson, L. 37723
Neale, R. RAMBUS memory–realising the potential 41127
Neale, R. DSOs: LeCroy attacks the remaining frontiers 48750
Nealey, P. *see* Ocola, L.E. 22721
Neamtu, C. *see* Brie, M. 48713
Neamtu, J. Magnetic studies of Ni-Fe thin films prepared by dc sputtering 3184
Neamtu, M. Homogeneous simplex splines 522
Neamtu, M. *see* Alfeldl, P. 515
Near, C. *see* Bowen, L. 43593
Near, C. *see* Gentilman, R. 17289
Near, C.D. Piezoelectric actuator technology 3007
Neary, T.E., Huston, D.R., JunRu Wu, Spillman, W.B., Jr. In-situ damage monitoring of composite structures 10988
Neasham, J. *see* Thompson, D. 48032
Neasham, J.A., Thompson, D., Tweedy, A.D., Lawlor, M.A., Hinton, O.R., Adams, A.E., Sharif, B.S. Combined equalisation and beamforming to achieve 20 kbits/s acoustic telemetry for ROVs 48034
Neat, G.W., O'Brien, J.F. Micro-precision interferometer testbed: fringe tracker control system 49860
Neave, J.H. *see* Belk, J.G. 21300
Neave, J.H. *see* Joyce, B.A. 764
Neave, J.H. *see* Tok, E.S. 52679
Neba, Y. A PWM method of single-phase current source converter by using two triangular carrier waves 51095
Neba, Y., Higashi, M. A method of maximum power control in utility interactive photovoltaic generating system by using PWM current source inverter 19631
Neba, Y., Mori, J. Characteristics on PWM CSI-induction motor drive system with utility interactive photovoltaic generation 20114
Neba, Y., Mori, J. Characteristics on PWM CSI-induction motor drive system with utility interactive photovoltaic generation 61152
Nebauer, E. *see* Klein, A. 22446
Nebauer, E. *see* Wurfl, J. 43343
Nebbia, G. *see* Fioretto, E. 59283
Nebeker, B.M., Starr, G.W., Hirleman, E.D. Modeling of light scattering from structures with particle contaminants 39897
Nebel, C.E., Rother, M., Stutzmann, M., Summonte, C., Heintze, M. The sign of the Hall effect in hydrogenated amorphous and disordered crystalline silicon 12304
Nebel, W. *see* Rabe, D. 13128
Neblett, B. Implementing reusable, instrument independent test programs in the factory 48346
Nebojsa, M. *see* Dobrivoje, S.P. 19747
Nebol'sin, V.A., Shchetinin, A.A., Darinskii, B.M., Popova, E.E. Model for the axial growth of filamentary silicon crystals 10673
Nebot, E.M., Whyte, H.D., Scheding, S. Kalman filtering design techniques for aided GPS land navigation applications 27115
Nebrich, A. *see* Peterson, B. 48167
Nebrigic, D.D. *see* Rangan, V. 8144
Nebro, A.J. *see* Cotta, C. 21105
Nechaev, V.G. *see* Guzhov, V.I. 7646
Nechaev, V.V. *see* Buzanov, O.A. 10624
Nechay, B.A. *see* Ho, F. 58949
Nechev, K. *see* Golben, M. 61033
Nechval, N.A. Techniques for recognizing identity of several response functions from the data of visual inspection 39859
Necioglu, B.F., Clements, M.A., Barnwell, T.P., III Objectively measured descriptors applied to speaker characterization 15041
Necsoiu, D. *see* Dumitru, V. 43893
Necsoiu, T. *see* Grigorescu, C.E.A. 48565
Neculoiu, D., Tebeanu, T. SPICE implementation of double barrier resonant tunnel diode model 41452
Neculoiu, D. *see* Tebeanu, T. 41451
Ned, A.A., De Dios, T.V., Provost, L.G., Kurtz, A.D., Davidson, J.L. Passivation of PZR diamond films for high temperature operability 27520
Ned, A.A. *see* Okojie, R.S. 48482
Neda, T., Nakamura, K., Takumi, T. A polysilicon flow sensor for gas flow meters 17262
Nedavnii, O.I., Osipov, S.P., Sidulenko, O.A. Radiation methods evaluating the capabilities of the gamma-absorption method of measuring the thickness of layers of multilayered products 58989
Nedbal, R. Get a ten fold increase in CAM productivity using macros 1767
Nedelchev, I. *see* Jesshope, C. 32487
Nedelcu, O. *see* Popescu, D.S. 48740
Nedelec, L. *see* Jemaa, N.B. 11820
Nedelec, P. *see* Alexeev, G. 59200
Nedelec, S., Mathiot, D. Dynamic segregation of arsenic in polycrystalline silicon 41889

Nedeljkovic, D., Voncina, D., Ambrozic, V., Cajhen, R., Nastran, J. Control of three-phase power filter with direct calculation of load current's active fundamental harmonic 8758
Nedevschi, S. *see* Kelemen, A. 51432
Nedh-Che, F. *see* Lai, L.L. 60889
Nedic, P. *see* Skokljev, I. 19063
Nedich, A. *see* Antipin, A.A. 52522
Nedich, A. *see* Vasil'ev, F.P. 487
Nedjar, M. *see* Mammeri, M. 54959
Nedkov, I., Gyuot, M., Cagan, V. Magnetoelastic and total anisotropy effects on the domain-wall dynamics in the polycrystalline state 23340
Nedogovor, V. *see* Popsuev, E. 37866
Nedolya, A.V. *see* Savin, V.V. 3116
Nedoseka, S.A. *see* Chausov, N.G. 1017
Nedosekin, A. *see* Andryakov, A. 37226
Nedosekin, D.D. *see* Gridina, E.G. 34812
Nedosekina, T.N. *see* Vasilyev, V.V. 36550
Nedosekina, T.N. *see* Voinov, V.G. 32057
Nee, H.-P. *see* Harnefors, L. 29322
Nee, J.T. *see* Krska, J.-H.Y. 2267
Nee, V.W. *see* Huang, H.J. 30291
Nee, V.W. *see* Liao, Q.D. 31311
Neeb, M. *see* Schlick, C. 35785
Needes, C.R., Mason, R.C., Fahey, M.A. Diffusion Patterning: a "smart" technology 10138
Needes, C.R. *see* Mason, R.C. 53811
Needes, C.R.S. *see* Horowitz, S.J. 10966
Needes, C.R.S. *see* LaBranche, M.H. 61294
Needham, G. *see* Brookes, J.A. 59406
Needham, R.M. Fast communications and slow computers 47124
Needham, W., Gollakota, N. DFT strategy for Intel microprocessors 41200
Neef, H. *see* Heisele, B. 25779
Neegard, S. *see* Hjelme, D.R. 36600
Neeley, G.W. *see* Lvovsky, Yu.M. 32939
Neeley, J.E., Harris, J.G. A subthreshold-CMOS chaotic oscillator 1181
Neelin, J.D. *see* Jin, F.-F. 21158
Neely, D. *see* Behjat, A. 23738
Neeman, S. Incorporating MATLAB's signal processing toolbox into a DSP course at an undergraduate E.E. program 20585
Neeper, R. *see* Hansen, E. 53720
Neeracher, M. *see* Regli, P. 12632
Neergard, S. *see* Hjelme, D.R. 51737
Neethling, J.H. *see* Scriven, G.J. 52671
Nefediev, L.A. *see* Kalachev, A.A. 14403
Nefedov, A.P., Petrov, O.F., Vaulina, O.S. Analysis of particle sizes, concentration, and refractive index in measurement of light transmittance in the forward-scattering-angle range 48986
Nefedov, I.S. *see* Gulyaev, Yu.V. 53953
Nefedov, S.N. *see* Lange, Y.V. 52907
Nefedov, V.G. *see* Kulakov, S.S. 13744
Neff, H. *see* Burnus, M. 17377
Neff, H. *see* Leonhardt, J.W. 8621
Neff, H. *see* Rohrbeck, W. 8603
Neff, J. *see* Mclaren, T. 33330
Neff, J. *see* Mao, C.C. 33184
Neff, J. *see* Morozov, V. 35881
Neff, J. *see* Morozov, V. 55344
Neff, J. *see* Zhou, H.J. 35882
Neff, J.A. Review on the status of optical interconnect technology 33312
Neff, J.A., Chen, C., McLaren, T., Chong-Chang Mao, Fedor, A., Berseth, W., Lee, Y.C., Morozov, V. VCSEL/CMOS smart pixel arrays for free-space optical interconnects 55472
Neff, R., Zakhor, A. Very low bit-rate video coding based on matching pursuits 35189
Neff, T.F. *see* Saletore, V.A. 26100
Neff, W.D. *see* Wilczak, J.M. 18850
Nefian, A.V., Khosravi, M., Hayes, M.H. Real-time detection of human faces in uncontrolled environments 56850
Neftin, S., Mirsky, U. A new low cost, high performance MCM substrate technology 1889
Negahdaripour, S. Direct computation of the FOE with confidence measures 5467
Negahdaripour, S., Jin, L., Xu, X., Tsukamoto, C., Yuh, J. A real-time vision-based 3D motion estimation system for positioning and trajectory following 25482
Neganov, V.A., Sovetkin, V.Yu. Scattering of electromagnetic waves by a wall-section impedance discontinuity in a rectangular waveguide 14666
Neganov, V.I. *see* Potapov, A.I. 40738
Negendanck, M. *see* Hintz, G. 13938
Neger, T. *see* Widmann, K. 4096
Negev, M. 2D/3D integrated antenna system 56219
Negishi, H. *see* Haruyama, J. 13035
Negishi, H. *see* Kulbachinskii, V.A. 54139
Negley, B. *see* Wilkie, D. 31260
Negley, G. *see* Kong, H.-S. 13884
Negm, S. *see* Talaat, H. 2117
Negnevitsky, M. Application of an intelligent tutoring system in electrical engineering education 20572
Negnevitsky, M. *see* Ha, Q.P. 51668
Negoescu, R., Filcescu, V., Dinca-Panaitescu, S. QT versus RR spectrum shades into sympathetic control during hypobaric hypoxia 59664
Negoi, A., Zimmermann, J. Monte Carlo hardware simulator for electron dynamics in semiconductors 53305
Negoro, M. Intravascular manipulation of microcatheter system for cerebral vascular system--clinical application for monitoring and treatment 28401
Negoro, M. *see* Shuxiang Guo 49382
Negoro, N. *see* Sugawara, N. 48840
Negoro, Y., Okabe, A., Kano, H., Kagawa, K., Suzuki, A., Yaoi, T., Hayashi, K. Sensitivity analysis of structure in GMR/insulator/SAL sensor 43725
Negre, R. Interfacing VMEbus and PCIbus–the ALMA Bridge 16342
Negrea, K. *see* Kukhlevsky, S.V. 13664
Negrea, K. *see* Kukhlevsky, S.V. 23549
Negrescu, C., Constantin, I. On performance analysis of an adaptive LMS filter for narrow-band interference rejection in direct-sequence spread spectrum systems 26469
Negrete-Regagnon, P. *see* Cudney, R.S. 55851
Negri, A. *see* Ng, W. 58358
Negri, A.J., Mehr, J.F., Duchene, G.A., Tabasky, M.J., Armiento, C.A., Hangsjaa, P.O., Yap, D., Hsu, H.P., Ng, W.W., Bohmeyer, D.M., Yen, H.W. Passively aligned PIN photodetector array's on silicon waferboard platforms 47925
Negri, G. *see* Fumi, F. 54820
Negrini, P. *see* Dori, L. 58900
Negro, A. *see* Arri, E. 27428
Negro, C. *see* Dufour, J. 935
Negro, G. *see* Machin, G. 27205
Negru, S. *see* Badila, M. 43252
Nehl, T.W. *see* Lequesne, B. 29225
Nehorai, A. *see* Hawkes, M. 16978
Nehorai, A. *see* Hawkes, M. 18910
Nehorai, A. *see* Hawkes, M. 27104
Nehorai, A. *see* Hochwald, B. 18316
Nehorai, A. *see* Hochwald, B. 45490
Nehorai, A. *see* Kah-Chye Tan 15342
Nehra, D., Watt, P., Pye, J.K., Beynon, J. Automated oesophageal reflux sampler–a new device used to monitor bile acid reflux in patients with gastro-oesophageal reflux disease 49403
Nehrbass, J., Lee, R. Numerical stability analysis for perfectly matched absorbers 33926
Nehrir, H. *see* Venkataramanan, G. 19659
Nehrir, M.H. *see* Kellogg, W. 60630
Neiberg, L. *see* Casasent, D. 6944
Neiberg, L. *see* Casasent, D.P. 57518
Neidhardt, A.L., Erramilli, A. Shaping and policing of fractal traffic 35484
Neifeld, E.A., Demchuk, K.M., Harus, G.I., Boubnova, A.E., Domanskaya, L.I., Shtrapenin, G.L., Paranchich, S.Yu. Shubnikov-de Haas oscillations in Fe- and Co-doped HgSe under pressure 22229
Neifel'd, E.A., Demchuk, K.M., Kharus, G.I., Bubnova, A.E., Domanskaya, L.I., Shtrapenin, G.D., Paranchich, S.Yu. Shubnikov-de Haas oscillations in HgSe(Fe) and HgSe(Co) under hydrostatic pressure 54060
Neifeld, M.A., Chugg, K.M., King, B.M. Parallel data detection in page-oriented optical memory 3329
Neifeld, M.A., Wu-Chun Chou Information theoretic limits to the capacity of volume holographic optical memory 32994
Neifer, R. *see* Welfonder, E. 29171
Neikirk, D.P. *see* Beom-Taek Lee 39825
Neil, G., Curtis, K.M. Scale and rotational invariant object recognition using fractal transformations 25758
Neil, G. *see* Kehne, D. 18015
Neilsen, M.K. *see* Frear, D.R. 39755
Neilsen, M.L. Properties of nondominated k-coteries 46745
Neilson, D.T., Wilkinson, L.C., Goodwill, D.J., Walker, A.C., Vogele, B., McElhinney, M., Pottier, F., Stanley, C.R. Effects of lattice mismatch due to partially relaxed buffer layers in InGaAs/AlGaAs strain balanced quantum well modulators 44083
Neilson, D.T. *see* Barrett, C.P. 13764
Neilson, D.T. *see* Gontijo, I. 14314
Neilson, D.T. *see* Williams, R. 33180
Neira, A. *see* Cabanas, M.F. 50999
Neira, L.Rebollo *see* Rebollo Neira, L.
Neirynck, J.M., Yang, G.-R., Murarka, S.P., Gutmann, R.J. The addition of surfactant to slurry for polymer CMP: effects on polymer surface, removal rate and underlying Cu 40682
Neis, E. *see* Link, U. 61140
Neis, H.-C. *see* Ambus-Spies, K. 579
Neisius, H.-T. *see* Beissler, G. 19144
Neittaanmaki, P. *see* Liping Liu 52582
Neitzel, M. *see* Xiaoming Wang 23261
Neitzel, M. *see* Xiaoming Wang 52865
Neiva, A.C. *see* Sinan, S.A. 3138
Nejad, M.S., Sebaa, L.L., Ladick, A. Analog built-in measurement schemes 41681
Nejim, A., Hemment, P.L., Stoemenos, J. High temperature carbon implantation in SIMOX 32119
Nejim, A. *see* Cristiano, F. 31937
Nejim, A. *see* Omri, M. 31745
Nekipelova, G.D. *see* Aleshin, Y.D. 18124
Nekrasov, G. *see* Serak, S. 14292
Nekrasov, N.P. *see* German, M.L. 4230
Nekrasova, A.N. *see* Skipetrov, E.P. 54121
Nekrasova, L.M. *see* Belanov, A.S. 58770
Nekrutkin, V. Theoretical properties of the "Caterpillar" method of time series analysis 4662
Nel, J.J., Swart, P.H., Case, M.J. Life cycle cost comparison of laser modulator topologies 51255
Nelder, J. *see* Ruowen Rong 44972
Nelemans, W. *see* Rosten, H.I. 52280
Nelidov, M.V. *see* Gontar, A.S. 20075
Nelissen, J. *see* Auffray, E. 37281
Nellas, V. *see* Mitrou, N. 5673
Nellen, P.M. *see* Sennhauser, U. 36615
Neller, A.L. *see* Saltzberg, M. 20199
Nelles, D. *see* Dilger, R. 60352
Nelli, P. *see* Depero, L.E. 30906
Nelli, P. *see* Ferroni, M. 52829
Nellis, G.F., Smith, J.L., Jr. Design of an experimental apparatus for investigation of a Stirling/magnetic cycle 51877
Nellums, B. *see* Sackos, J. 6970
Nelmes, R.J. *see* McMahon, M.I. 22207
Nelms, C.R. Root-cause analysis transforms plant failures into betterments 19441
Nelms, N. *see* Holland, A.D. 49858
Nelms, R.M. *see* Boudreaux, R.R. 38855
Nelms, R.M. *see* Cornwell, J.A. 18595
Nelms, R.M. *see* Halpin, S.M. 19291
Nelms, R.M. *see* Moss, B.S. 18684
Nelms, R.M. *see* Roberts, B.P. 9392
Nelms, R.M. *see* Spyker, R.L. 20095
Nelms, R.M. *see* Spyker, R.L. 38938
Nelms, S.D. *see* Kolesar, E.S. 27513
Nelsen, D.C. Cost effective monitoring 39725
Nelson, A.D., Muswick, G.J., Muzic, R.F., Jr., Descamps, X. A robust edge detection method for gated radionuclide ventriculograms 7912
Nelson, A.J., Berry, G., Rockett, A., Shuh, D.K., Carlisle, J.A., Sutherland, D.G.J., Terminello, L.J. Observation of core-level binding energy shifts between (100) surface and bulk atoms of epitaxial $CuInSe_2$ 42045
Nelson, B. *see* Graham, P. 10307
Nelson, B.P. *see* Mahan, A.H. 39132
Nelson, C.L., Fitzgerald, D.S. Sensor fusion for intrusion detection and assessment 46059
Nelson, C.M. *see* Dentinger, P.M. 32281
Nelson, C.S., Watson, J.A., Ching, J.K., Barrow, P.I. The effect of teacher scaffolding and student comprehension monitoring on a multimedia/interactive videodisc science lesson for second graders 30064
Nelson, C.W. Wavelength division mini-money: small subsidy for small business 8580
Nelson, C.W. From free money to free market [Small Business Innovation Research] 52082
Nelson, C.W., Walls, F.L., Boggs, C.K. Extending the range for precision AM noise measurements 17221
Nelson, C.W. *see* Ferre-Pikal, E.S. 53039
Nelson, C.W. *see* Walls, F.L. 48331
Nelson, D. *see* Barlow, F.D. 53017
Nelson, D. *see* Chung, T.C. 213
Nelson, D. *see* Dmitriev, V. 10796
Nelson, D. *see* Udd, E. 17398
Nelson, D. *see* Umesh, S. 24855
Nelson, D. *see* Umesh, S. 25019
Nelson, D.A. *see* Leece, G.D. 20953
Nelson, D.E., Starzyk, J.A. Advanced feature selection methodology for automatic target recognition 46202
Nelson, D.F. *see* Fang-Fang Yin 28159
Nelson, D.F. *see* Glass, C.J. 1383
Nelson, D.J. *see* Creel, K.E. 291
Nelson, D.V., Makino, A., Fuchs, E.A. The holographic-hole drilling method for residual stress determination 20844
Nelson, D.V. *see* Lawrence, C.M. 1013
Nelson, D.V. *see* Lawrence, C.M. 48615
Nelson, D.V. *see* Lawrence, C.M. 48619
Nelson, D.V. *see* Makino, A. 7603
Nelson, E.M. *see* Allison, W.W.M. 37269
Nelson, G. *see* Rokni, S.H. 8216
Nelson, G.C. *see* Clews, P.J. 42455
Nelson, J. *see* Alley, R. 37033
Nelson, J. *see* Conway, T. 32863
Nelson, J. *see* Gray, W. 36042
Nelson, J. *see* Zachariou, A. 38988
Nelson, J.K., Azizi-Ghannad, S., Schwabe, R.J. Partial discharge characterization of machine insulation by the transfer of reactive power 38699
Nelson, J.K. *see* Azizi-Ghannad, S. 9179
Nelson, J.K. *see* Palmer, J.A. 60838
Nelson, J.P., Snr., Sen, P.K. High resistance grounding of low voltage systems: a standard for the petroleum and chemical industry 51898
Nelson, J.S. *see* Anvari, B. 49771
Nelson, J.S. *see* Chow, W.W. 33491
Nelson, J.S. *see* Gubanov, V.A. 12264
Nelson, J.S. *see* van Gemert, M.J.C. 37870
Nelson, J.S. *see* Verkruysse, W. 37871
Nelson, J.S. *see* Zhongping Chen 28295
Nelson, K. *see* Yamazaki, K. 20445
Nelson, L. *see* Lucke, L. 35947
Nelson, L.B., Poor, H.V. Iterative multiuser receivers for CDMA channels: an EM-based approach 16064
Nelson, L.B. *see* Ghazi-Moghadam, V. 4678
Nelson, L.E., Fleischer, S.B., Lenz, G., Ipen, E.P. Efficient frequency doubling of a femtosecond fiber laser 3729
Nelson, L.M. *see* Walls, F.L. 48331
Nelson, M., Mason, K. General principles for data fusion systems 25246
Nelson, M.B. *see* Fessenden, T.J. 59135
Nelson, M.B. *see* Friedman, A. 59103

Nelson, M.D., Dominic, V., Grayson, T.P., Myers, L.E. PPLN optical parametric oscillator energy scaling capabilities 4064
Nelson, M.D. *see* Grayson, T.P. 6969
Nelson, M.D. *see* Myers, L.E. 23437
Nelson, M.J. *see* Oxenham, M.G. 25233
Nelson, P., Seth, D.L. Integrodifferential equations for the two-dimensional transition kernels of invariant imbedding 30638
Nelson, P. *see* Baldwin, T. 60141
Nelson, P. *see* Bult, K. 17268
Nelson, P.A., Orduna-Bustamante, F., Engler, D., Hamada, H. Experiments on a system for the synthesis of virtual acoustic sources 25090
Nelson, P.A., Orduna-Bustamante, F., Hamada, H. Multichannel signal processing techniques in the reproduction of sound 27192
Nelson, P.R. *see* Copeland, K.A.F. 10182
Nelson, R. Embedded memory enhances programmable logic for complex, compact designs 31235
Nelson, R. *see* Hovater, C. 37107
Nelson, R. *see* Mahinfallah, A. 41031
Nelson, R.C. *see* Luchau, D.W. 18695
Nelson, R.C. *see* Paulson, E.K. 37644
Nelson, R.D. *see* Dolbear, T.P. 41722
Nelson, R.F. *see* Walthall, C.L. 8325
Nelson, R.L., Jr., Kwan, H. "Leapfrog" methods for numerical solution of differential equations, sinewave generation, and magnitude approximation 609
Nelson, R.L., Jr. *see* Kwan, H. 31232
Nelson, S. TMF ultra-high rate discharge performance 61013
Nelson, S., Helgeson, M. High-resolution color flat panel head-mounted display design for the advanced flat panel program 17635
Nelson, S. *see* Christenson, K.K. 42482
Nelson, S.F., Jackson, T.N. Ohmic contacts to n-type silicon-germanium 12526
Nelson, S.F. *see* Gundlach, D.J. 32422
Nelson, S.N. *see* Reinhart, W.F. 18984
Nelson, S.O. Determining dielectric properties of coal and limestone by measurements on pulverized samples 58958
Nelson, S.O. *see* Kraszewski, A.W. 36842
Nelson, S.O. *see* Kraszewski, A.W. 36861
Nelson, T. *see* Oliver, W.C. 16214
Nelson, T.R., Pretorius, D.H. Interactive acquisition, analysis, and visualization of sonographic volume data 37720
Nelson, T.R. *see* Mehendale, M. 44421
Nelson, T.R., Jr., Prineas, J.P., Khitrova, G., Gibbs, H.M., Berger, J.D., Lindmark, E.K., Shin, J.-H., Shin, H.-E., Lee, Y.-H., Tayebati, P., Javniskis, L. Room-temperature normal-mode coupling in a semiconductor microcavity utilizing native-oxide AlAl/GaAs mirrors [sic AlAs/GaAs] 3934
Nelson, V.P. *see* Williamson, S.T. 9693
Nelson, W.E. Digital Light Processing™ for color printing 46131
Nelson, W.R. *see* Rokni, S.H. 8216
Nelson, W.S., Buckley, M.J. Broad band synthesis of a shaped beam pattern for a non-uniformly spaced, phase constrained linear array 34396
Nelson, W.S. *see* Buckley, M.J. 34395
Nelson, W.T. *see* Hettinger, L.J. 59935
Nelwan, S., Meij, S., Lundstrom, L., van Dam, T., Gilman, P., Simoons, M.L. Continuous 12 lead ST monitoring 49623
Nelyubin, M.E. *see* Kozlov, B.A. 24053
Nema, K. *see* Uezato, K. 60237
Nema, R.S. *see* Mohsin, M.M. 19789
Nema, R.S. *see* Raja, K. 19788
Nema, R.S. *see* Raja, K. 32722
Nema, R.S. *see* Ramachandra, B. 19945
Nema, R.S. *see* Thomas, B. 13288
Nemamcha, M. Electrical discharges in liquid cavities in a mixed insulation 23238
Nemani, M., Najm, F.N. High-level power estimation and the area complexity of Boolean functions 11328
Nemanich, J. *see* Baumann, P.K. 2247
Nemanich, R.J. *see* Benjamin, M.C. 780
Nemanich, R.J. *see* Ja-Hum Ku 2246
Nemanich, R.J. *see* King, S.W. 12781
Nemarich, C.P. *see* Bhatia, V. 7388
Nemati, B. *see* Kagan, H. 37508
Nemati, B. *see* Shipsey, I. 59232
Nemati, B. *see* Spencer, M.B. 59274
Nembou, C.S., Murtagh, B.A. A chance-constrained programming approach to modelling hydro-thermal electricity generation in Papua New Guinea 50812
Nemchinsky, V.A. The distribution of the electromagnetic force in a welding pool 164
Nemec, J. Highly integrated termination solutions 22019
Nemechek, J. *see* Webb, J. 32342
Nemes, M.C. *see* Nassif, C. 55483
Nemeth, G. *see* Kiss, C.I. 4919
Nemeth, G. *see* Korondi, P. 51239
Nemeth, J. *see* Fazekas, Z. 37694
Nemeth, S., Hargitai, C., Szabo, L., Papp, L. Field and loss measurements in Epstein frame and sheet testers 27853
Nemeth, S. *see* Srnanek, R. 12339
Nemiroff, M. *see* Tustaniwskyj, J.I. 30314
Nemirovski, A. *see* Goldenshluger, A. 56505
Nemirovsky, A. *see* Nemirovsky, Y. 36514
Nemirovsky, I. *see* Saint-Martin, G. 18128
Nemirovsky, Y., Nemirovsky, A., Muralt, P., Setter, N. Design of a novel thin-film piezoelectric accelerometer 36514
Nemirovsky, Y., Ruzin, A., Asa, G., Gorelik, J. Study of the charge collection efficiency of CdZnTe radiation detectors 7780
Nemirovsky, Y. *see* Goren, D. 39041
Nemirovsky, Y. *see* Jakobson, C.G. 37512
Nemirovsky, Y. *see* Sudharsanan, R. 7914
Nemish, Yu.N., Alekseeva, I.V. Mathematical modeling of axisymmetric problems of elasticity theory for piecewise-homogeneous bodies of revolution 52561
Nemoto, A. *see* Katakami, K. 31712
Nemoto, K., Akcali, E., Uzsoy, R. Quantifying the benefits of cycle time reduction in semiconductor wafer fabrication 32490
Nemoto, K., Fujii, T., Goto, N., Takino, H., Kobayashi, T., Shibata, N., Yamamura, K., Mori, Y. Laser beam intensity profile transformation with a fabricated mirror 33604
Nemoto, K., Fujii, T., Goto, N., Takino, H., Kobayashi, T., Shibata, N., Yamamura, K., Mori, Y. Influence of fabrication precision on laser beam forming by fabricated optics 55803
Nemoto, K., Fujii, T., Goto, N., Takino, H., Shibata, N., Yamamura, K., Mori, Y. Mirror fabricated with nonaxisymmetric surface profile for laser beam forming and wave front correction 3945
Nemoto, K. *see* Fujii, T. 33469
Nemoto, M. *see* Yoshikawa, S. 32965
Nemoto, N. *see* Pesce, A. 21694
Nemoto, Y., Hamamoto, N., Suzuki, R., Ikegami, T., Hashimoto, Y., Ide, T., Ohta, K., Mansfield, G., Kato, N. Construction and utilization experiment of multimedia education system using satellite ETS-V and Internet 47320
Nemoto, Y. *see* Ino, H. 56920
Nemoto, Y. *see* Kang, J. 47862
Nemoto, Y. *see* Ohba, Y. 41291
Nemoto, Y. *see* Takeuchi, T. 55104
Nemoto, Y. *see* Tobishima, S. 61043
Nemouchi, Y., Mathieu, Y., Havet, C., Demassieux, N. A reference data oriented approach for implementing a multiresolution block-matching algorithm 5549
Nemov, S.A., Proshin, V.I., Ravich, Yu.I. Thermoelectric power and activation energy for hopping conductivity in $Pb_{0.78}Sn_{0.22}Te$ solid solutions with high In content 42010
Nemov, S.A. *see* Abaidulina, T.G. 31922
Nemov, S.A. *see* Masterov, V.F. 54125
Nemova, O.Yu. *see* Kekalo, I.B. 3072
Nemoz-Gaillard, M. *see* Slangen, P. 10994
Nen-Fu Huang, Chi-An Su On the design issues of dual-bus high-speed metropolitan area networks 6122
Nen-Fu Huang, Chi-An Su, Chieh-Wen Cheng, Chuan-Pwu Wang, Jer-Han Fang, Yi-Jang Wu The design and implementation of a multicast real-time multimedia protocol 57626
Nen-Fu Huang, Huey-Ing Liu On the isochronous and asynchronous traffic scheduling problem for single-star WDM networks 5792
Nen-Fu Huang, Shiann-Tsong Sheu An efficient wavelength reusing/migrating/sharing protocol for dual bus lightwave networks 26791
Nenad, M. *see* Zorica, N. 35910
Nencib, N., Kedous-Lebouc, A., Cornut, B. Experimental analysis of the field distribution in a large RSST 27846
Nencib, N., Kedous-Lebouc, A., Cornut, B. Performance evaluation of a large rotational single sheet tester 27847
Nencib, N. *see* Kedous-Lebouc, A. 24362
Nener, B.D. *see* Musca, C.A. 12281
Nener, B.D. *see* Musca, C.A. 23684
Neng Li *see* Li Neng
Neng-Tsann Ueng, Scharf, L.L. Frequency-damping resolution of the unit disc: a wavelet idea 4811
Neng-Tsann Ueng, Scharf, L.L. The gamma transform: a local time-frequency analysis method 4899
Neng-Tsann Ueng, Scharf, L.L. Frames and orthonormal bases for variable windowed Fourier transforms 24942
Nengzuo Jiang *see* Shounan Hua 29572
Nenkov, M., Pencheva, T. Symmetrical five-layer periods from nonabsorbing high- and low-refractive-index materials 44182
Nenkov, M. *see* Pencheva, T. 43478
Nenninger, B.J. *see* Floyd, H.L., II 60441
Nenonen, J. *see* Simelius, K. 49701
Nenonen, J. *see* Wach, P. 49491
Nenov, A.T. *see* Shumov, D.P. 43887
Nenu, C. *see* Dumitru, V. 43893
Nenyei, Z. *see* Bremensdorfer, R. 22499
Neo, C.C. *see* Vo, N.V. 43839
Neocleous, D. *see* Louri, A. 13762
Neogi, A. Transient interband light modulation via intersubband coupling light in undoped semiconductor quantum wells 13702
Neogi, A., Takahashi, Y., Kawaguchi, H. Interband difference-frequency generation by means of resonant intersubband transitions in asymmetric quantum wells 55843
Neogy, S.K. *see* Mohan, S.R. 30613
Neophytou, R.I., Metaxas, A.C. Computer simulation of a radio frequency industrial system 61340
Nepa, P. *see* Kouyoumjian, R.G. 14586
Nepa, P. *see* Manara, G. 33943
Nepa, P. *see* Pelosi, G. 33984
Nepote, A. *see* Fratta, A. 9711
Ner, M.S., Kemmler, M., Spahlinger, G. Lithium niobate based integrated optic chip utilizing digital electrode layout for use in a miniature fibre optic rate sensor 27631
Nerandzic, M. *see* Bjelic, S. 19308
Nerbun, W.J. *see* Alteneder, K.P. 60628
Nerem, R.M. Tissue engineering: the next generation of medical implants 28440
Neri, A., Colonnese, S., Russo, G. Automatic moving object and background segmentation by means of higher order statistics 56854
Neri, A. *see* Jacovitti, G. 25599
Neri, B. *see* Ciofi, C. 2424
Neri, F. *see* Bianco, A. 47496
Neri, F. *see* Geria, M. 57907
Neri, F. *see* Leonardi, E. 6144
Neri, G. *see* Patel, D.N. 30164
Nerin, P., Puget, P., Besesty, P., Chartier, G. Self-mixing using a dual-polarisation Nd:YAG microchip laser 44417
Nerino, R., Sosso, A., Picotto, G.B. An AC current source for capacitance-based displacement measurements 27901
Nerino, R. *see* Picotto, G.B. 58726
Nerjes, G., Muth, P., Weikum, G. Stochastic performance guarantees for mixed workloads in a multimedia information system 47367
Nerkararyan, Kh.V. *see* Aroutiounian, V.M. 27967
Nern, H.-J. *see* Fischer, F. 60491
Nerng-Fu Shin *see* Tean-Sen Jen 44286
Nerone, L.R. Design of a 2.5-MHz, soft-switching, class-D converter for electrodeless lighting 61325
Neronov, V.A. *see* Zhukov, M.F. 38600
Nersessian, G., Kaiser, M. Modeling critical overloading in 6-10/0.4 kV, 250-630 kVA power, oil-immersed transformers 38776
Nertens, R., Pahner, U., Hameyer, K., Belmans, R., De Weerdt, R. Force calculation based on a local solution of Laplace's equation 50989
Nerukh, A., Sherbatko, I., Tyzhnenko, A. Evolution of an electromagnetic wave penetration into half-bounded plasma in a waveguide 45169
Nerukh, A. *see* Tyzhnenko, A. 45026
Nerukh, A.G., Scherbatko, I.V., Nerukh, D.A. Using evolutionary recursion to solve an electromagnetic problem with time-varying parameters 33783
Nerukh, D.A. *see* Nerukh, A.G. 33783
Nervi, A. *see* Pellegrini, P.F. 8307
Nervi, M. *see* Alotto, P. 44888
Nervi, M. *see* Alotto, P. 44962
Nervi, M. *see* Girdinio, P. 44902
Nervo, G. *see* Parente, F. 5910
Nese, M. *see* Steinsland, E. 13183
Nesheva, D. *see* Popescu, M. 42083
Nesi, P., Magnolfi, R. Tracking and synthesizing facial motions with dynamic contours 4929
Nesic, Z., Davies, M., Dumont, G. Paper machine data compression using wavelets 7168
Nesin, R. *see* Fisher, G.D. 4463
Nesmelov, E.A., Borisov, A.N., Nikitin, A.S., Gainutdinov, I.S. Effect of the structure of the layers of an interference coating on its optical properties 13782
Nesmelov, E.A. *see* Nikitin, A.S. 13781
Nesmelov, N.S. *see* Slavnikov, V.S. 12590
Nesmelova, I.M. *see* Baryshev, N.S. 17364
Nesnidal, M. *see* Mawst, L.J. 44551
Nesnidal, M. *see* Syrbu, A.V. 3846
Nesnidal, M. *see* Yang, H. 24011
Nesnidal, M. *see* Yang, H. 55729
Nesnidal, M.P., Mawst, L.J., Botez, D. Distributed-feedback grating used as a lateral-mode selector in phase-locked antiguided arrays 23910
Nesnidal, M.P., Mawst, L.J., Botez, D., Buus, J. Distributed-feedback grating used as a lateral spatial-mode selector in phase-locked antiguided arrays 55730
Nesper, O., Ho, P. A reference symbol assisted successive interference cancellation scheme for an asynchronous DS/CDMA system 47822
Nespoli, P., Bessone, L. The Payload and Crew Support Computer for Euromir 95 28591
Nespor, J.D. *see* Kim, Y.U. 34397
Nespurek, S. *see* Pfleger, J. 55392
Nessa, J. *see* McSharry, J. 51647
Nesset, D., Marcenac, D.D., Kelly, A.E. Improved system performance of wavelength conversion via four-wave mixing in a tandem semiconductor optical amplifier configuration 24237
Nesset, D. *see* Cotter, D. 26442
Nessi-Tedaldi, F. *see* Alexeev, G. 59200
Nesson, R., Wernecke, C. F-22 CATS application to the thermal cycling stress screen of self-testing, liquid flow-through LRMs 36394
Nestares, O. *see* Portilla, J. 46125
Neste, R.Van *see* Van Neste, R.
Nesterenko, B.A. *see* Lavrik, N.V. 58870
Nesterenko, Y.A. *see* Komar, V.K. 10603
Nesterenko, Yu.N. *see* Algazinov, E.K. 24500
Nesterov, V. *see* Ruth, R.D. 49165
Nesterova, Z.V. *see* Alexandrov, I.V. 24091
Nesterovich, A. *see* Bogdanovich, B. 37129
Nesterovich, A. *see* Shalnov, A. 37127
Nesteruk, A.V. *see* Miroshnikov, M.M. 4416
Nesteruk, V.F. *see* Miroshnikov, M.M. 4416

Nesti, G. *see* Fung, A.K. 8505
Nestler, B. *see* Schmitz, G.J. 30692
Nestmann, U., Pierce, B.C. Decoding choice encodings 4543
Nestoros, M. *see* Mandelis, A. 41886
Nestoros, M. *see* Othonos, A. 46453
Net, F. *see* de Beauvoir, B. 27263
Netanyahu, N. *see* Chettri, S. 60030
Netanyahu, N.S., Philomin, V., Rosenfeld, A., Stromberg, A.J. Robust detection of road segments in noisy aerial images 5371
Netanyahu, N.S. *see* Cucka, P. 10358
Netanyahu, N.S. *see* Szu, H.H. 60028
Netchaeva, L.P. *see* Belov, A.S. 37190
Netesin, S.G. *see* Kolpak, B.D. 7281
Netiksis, V. *see* Juodkazis, S. 24106
Neto, A.G., Da Rocha, C.S., Aubert, H., Bajon, D., Baudrand, H. MTRT–a modified transverse resonance technique 45301
Neto, C.K., Polak, E. On the use of consistent approximations for the optimal design of beams 10003
Neto, G.de Oliveira *see* de Oliveira Neto, G.
Neto, J.A.M. *see* De Araujo, M.T. 33400
Neto, J.A.Medeiros *see* Medeiros Neto, J.A.
Neto, J.L.S. *see* Minh Ta-Cao 20132
Neto, J.P., Martins, C., Almeida, L.B. Speaker-adaptation in a hybrid HMM-MLP recognizer 34644
Neto, L.M., Pinheiro de Alvarenga, B. Effects of windings and magnetic saturation on the torque of an induction machine 29295
Neto, S.F.Campos *see* Campos Neto, S.F.
Neto, S.P.X., De Oliveira, A.J.B. Simulating a six-port reflectometer 48859
Netsch, T. *see* Evertsz, C.J.G. 49449
Netsu, T. *see* Kawai, M. 232
Nett, E. *see* Jia, W. 57642
Netter, D., Leveque, J., Rezzoug, A., Caron, J.P., Sargos, F.M. Analytical design of a Superconducting Magnetic Energy Storage for pulsed power peak 9568
Netter, D. *see* Leveque, J. 8960
Netter, P. *see* Saied, A. 18373
Netterfield, C.B. *see* Wollack, E.J. 48199
Nettleton, D.J., Garigliano, R. Reductions in the search space for deriving a fractal set of an arbitrary shape 15848
Netunaeva, V.N. *see* Gornov, A.O. 92
Neu, G. *see* Morhain, C. 22358
Neu, V., Crespo, P., Schaefer, R., Eckert, J., Schultz, L. High remanence Nd-Fe-B-X (X=Cu, Si, Nb_3Cu, Zr) powders by mechanical alloying 3121
Neubauer, A. A comparative study of evolutionary algorithms for on-line parameter tracking 11552
Neubauer, A. Genetic design of analog IIR filters with variable time delays for optically controlled microwave signal processors 56496
Neubauer, O., Bohn, F.H., Chudnovskij, A., Giesen, B., Huttemann, P., Lochter, M. Measurement of the vertical magnetic field in TEXTOR using the electron beam technique 48842
Neubelt, M.J. *see* Mollenauer, L.F. 3397
Neubert, A. *see* Kruger, J. 16309
Neubert, M. *see* Rudolph, P. 52595
Neubert, M. *see* Ellis, N. *(editor)* 30026
Neubert, T. *see* Umstadter, D. 17885
Neubig, B.W. Comparison of passive and active aging of SC-cut and AT-cut crystals 13321
Neubig, B.W. Polylithic SAW filters using coupled-resonator filter elements 13385
Neubig, B.W. Comparison of passive and active aging of SC-cut and AT-cut crystals 23266
Neudeck, G.W. *see* Chang, J.C. 22811
Neudeck, G.W. *see* Fultz, W.W. 22558
Neudeck, G.W. *see* Gaynor, W. 10729
Neudeck, G.W. *see* I-Ming Lee 52610
Neudeck, G.W. *see* Pak, J.J. 36516
Neudeck, G.W. *see* Wei-Chung Wang 40427
Neudeck, P.G., Fazi, C. Positive temperature coefficient of breakdown voltage in 4H-SiC pn junction rectifiers 32363
Neudert, R., Rotter, P., Rossler, U., Suhrke, M. Magnetotransport in rectangular antidot superlattices 42167
Neuenschwander, A. Texas Space Grant Consortium: educational opportunities in Earth science and remote sensing 99
Neuenschwander, W., Fua, P., Szekely, G., Kubler, O. Velcro surfaces: fast initialization of deformable models 46419
Neuer, G., Ptacek, J. Possibilities of two-wavelength and multi-wavelength pyrometry 48979
Neufeld, E. *see* Jaumann, M. 2578
Neufeld, G.R. *see* Brown, B.H. 18454
Neufeld, N. *see* Adam, W. 37221
Neuffer, D. Principles and applications of muon cooling 7733
Neuffer, D. Analyses and simulations of longitudinal motion in μ-recirculating linacs 37087
Neuffer, D., Whittum, D., Bombade, P., Cline, D., Jackson, G., McIntyre, P., Peters, G., Sasaki, M., Summers, D., Yokoya, K. Summary of the 200×200 GeV μ^+-μ^- Collider Working Group 7694
Neuffer, D. *see* Chattopadhyay, S. 7691
Neuffer, D. *see* Cline, D. 7688
Neuffer, D. *see* Liu, H. 18050
Neuffer, D. *see* Palmer, R.B. 7736
Neuffer, D. *see* Palmer, R.B. 17924
Neuffer, D. *see* Palmer, R.B. 17966
Neuffer, D.V. μ^+-μ^- colliders: possibilities and challenges 7734
Neuffer, D.V. Acceleration to collisions for the $\mu^+\mu^-$ collider 17942
Neuffer, D.V., Palmer, R.B. Progress toward a high-energy, high-luminosity $\mu^+\mu^-$ collider 7693
Neuffer, D.V., Palmer, R.B. Progress toward a high-energy, high luminosity μ^+-μ^- collider 17888
Neuffer, D.V. *see* Fernow, R.C. 7739
Neuffer, D.V. *see* Fernow, R.C. 17931
Neuffer, D.V. *see* Palmer, R.B. 7742
Neuffer, L.D. *see* Fernow, R.C. 7737
Neugebauer, J. *see* Di Felice, R. 30796
Neugebauer, M. *see* Andresen, K. 10049
Neugebauer, R. *see* Hofling, R. 10992
Neugroschel, A., Chih-Tang Sah Measurement of built-in electric field in base of $Si/Ge_xSi_{1-x}/Si$ HBT with linearly-graded Ge profile 12890
Neugroschel, A., Chih-Tang Sah, Carroll, M.S., Pfaff, K.G. Base current relaxation transient in reverse emitter-base bias stressed silicon bipolar junction transistors 54605
Neugroschel, A. *see* Carroll, M.S. 12908
Neuhauser, W. *see* Appasamy, B. 7141
Neuhoff, D.L. *see* Khayrallah, A.S. 34627
Neuhold, P. Evaluations for the choice of the best target material in an accelerator-driven reactor 7761
Neukirch, M. *see* Ecke, W. 27627
Neukirch, U. *see* Gutowski, J. 23917
Neukirchen, C. *see* Rigoll, G. 15001
Neukirchen, Ch. *see* Rigoll, G. 5367
Neuman, K.C. *see* Farkas, Gy. 4020
Neuman, W.A., Velako, S.P. Optical parametric oscillator performance at high average power 14376
Neumann, A. *see* Song, I. 37734
Neumann, A. *see* Wu, K.L. 37687
Neumann, B. *see* Lange, H. 11137
Neumann, B. *see* Schroder, C. 57322
Neumann, C. *see* Goulon, J. 49357
Neumann, G. *see* Nghiem, S.V. 8430
Neumann, G. *see* Nghiem, S.V. 18874
Neumann, H. *see* Yakushev, M.V. 54419
Neumann, J., Jaekel, G., Kraetzig, E. Holographic scattering lines observed with photorefractive $BaTiO_3$ 24302
Neumann, J. *see* Jakel, G. 44734
Neumann, M., Pantenburg, F.J., Rohde, M., Sesterhenn, M. Heat transport in masks for deep X-ray lithography during the irradiation process 42896
Neumann, M. *see* Schiller, N. 40533
Neumann, M. *see* Slebarski, A. 3158
Neumann, P. Security risks in computer-communication systems 35737
Neumann, R. *see* Baumgartner, P. 54719
Neumann, R. *see* Noach, S. 17621
Neumark, G.F. Wide bandgap light-emitting devices materials and doping problems 33305
Neumayer, D. *see* Grill, A. 54949
Neumayer, D.A., Carmalt, C.J., Arendt, M.F., White, J.M., Cowley, A.H., Jones, R.A., Ekerdt, J.G. A new single source precursor approach to gallium and aluminum nitride 21257
Neumayer, D.A., Purtell, R.J., Kane, W.F., Grill, A. Preparation of $(Pb,La)TiO_3$ films by metal organic chemical vapor deposition with new lanthanum precursors 52798
Neumerkel, D., Shorten, R., Hambrecht, A. Robust learning algorithms for nonlinear filtering 25225
Neumerkel, D. *see* Kruger, L. 51003
Neumeyer, C. *see* Ramakrishnan, S. 29436
Neumeyer, L. *see* Sankar, A. 15093
Neunann, V. *see* Steiger, B. 58618
Neuner, U. *see* Spiller, P. 59153
Neuner, U. *see* Stetter, M. 59163
Neungsoo Park, Jongwsoo Bae, Prasanna, V.K. Synthesis of VLSI architectures for tree-structured image coding 53344
Neuper, Ch. *see* Homann, N. 8064
Neuper, Ch. *see* Kalcher, J. 8065
Neuper, Ch. *see* Pfurtscheller, G. 49588
Neureiter, H. *see* Heske, C. 42424
Neureuther, A.R. *see* Hagouel, P.I.L. 32284
Neureuther, A.R. *see* Socha, R.J. 22668
Neureuther, A.R. *see* Zuniga, M.A. 32277
Neurgaonkar, R.R. *see* Jian Ma 55939
Neurogaonkar, R.R. *see* Bai, Y.S. 55930
Neurohr, K., Golubov, A.A., Klocke, Th., Kaufmann, J., Schapers, Th., Appenzeller, J., Uhlisch, D., Ustinov, A.V., Hollfelder, M., Luth, H., Braginski, A.I. Properties of lateral Nb contacts to a two-dimensional electron gas in an $In_{0.77}Ga_{0.23}As/InP$ heterostructure 22448
Neurohr, K. *see* Uhlisch, D. 23398
Neuschaefer-Rube, S. *see* Halzapfel, W. 59037
Neuschaefer-Rube, S. *see* Holzapfel, W. 59062
Neuschaefer-Rube, U. *see* Halzapfel, W. 59037
Neuschaefer-Rube, U. *see* Holzapfel, W. 59013
Neuschl, S. Applied informatics and medical electronics in medicine (medical informatics) 37582
Neusser, S. *see* Gemmeke, H. 59323
Neustroev, N.S. *see* Grechishkin, R.M. 3171
Neustruev, V.B. *see* Dianov, E.M. 33041
Neuttiens, G. *see* Bruynseraede, Y. 32920
Neuville, S.Martin dit *see* Martin dit Neuville, S.
Neuzil, P., Serry, F.M., Maclay, G.J. Microfabricated sharp ridges on single crystal silicon wafers 23045
Neuzil, P. *see* Serry, F.M. 27517
Neuzil, P. *see* van der Weide, D.W. 23051
Nevanlinna, O. Convergence of Krylov methods for sums of two operators 10446
Nevatia, R. *see* Chung, R. 5494
Nevatia, R. *see* Yongwha Chung 25452
Nevatia, R. *see* Zerroug, M. 5493
Neve, A.C. *see* Palama, G.F. 17227
Neve, H.De *see* De Neve, H.
Neve, M.J., Rowe, G.B., Sowerby, K.W., Williamson, A.G., Shafi, M. Wireless personal communications services: a New Zealand perspective 58209
Neve, P.De *see* De Neve, P.
Neve, W.De *see* De Neve, W.
Nevedel, P. *see* Kubert, C. 8984
Nevels, R.D., Goswami, J.C. Current distribution on a scatterer obtained by integral equations with semi-orthogonal and orthogonal wavelet basis sets 33932
Nevels, R.D., Zuoguo Wu Determination of propagation constants in two-dimensional waveguides by frequency-domain path-integral methods 45320
Never, J. *see* Voldman, S. 22831
Never, J.M., Voldman, S.H. Failure analysis of shallow trench isolated ESD structures 33802
Nevernova, I. *see* Sartore, M. 58867
Neverov, V.N. *see* Arapov, Yu.G. 54145
Neves, A., Martins, H.J.A. Surface charging and charge decay in solid dielectrics 13294
Neves, A. *see* Martins, H.J.A. 19921
Neves, B.R.A., Foster, T.J., Eaves, L., Main, P.C., Henini, M., Fisher, D.I., Lerch, M.L., Martin, A.D., Zhang, C. Tunneling spectroscopy of hole plasmons in a valence-band quantum well 12391
Neves, J.L.P.C. Maximizing speed performance of multi-level combinational circuits implemented with pass transistors 11389
Neves, N., Fuchs, W.K. Adaptive recovery for mobile environments 47168
Nevesely, M. *see* Spaldonova, D. 18961
Neveu, J. *see* Jemaa, N.B. 11820
Neviani, A. *see* Canali, C. 2593
Neviani, A. *see* Meneghesso, G. 2728
Neviani, A. *see* Meneghesso, G. 43152
Neviere, M., Montiel, F. Electromagnetic theory of multilayer gratings and zone plates 34102
Neville, C. *see* Knowles, I. 6173
Nevins, M. *see* Zwinkels, J.C. 36945
Nevirkovets, I.P. Properties of superconducting $Nb/Al/Nb/Al\text{-}AlO_x\text{-}Al\text{-}AlO_x\text{-}Al/Nb/Al/Nb$ tunnel junctions 23418
Nevmerzhitska, O. *see* Mikityuk, Z. 23597
Nevo, Y. *see* Lisenker, B. 2822
Nevolin, V.K. Current-voltage characteristics of quasi-one-dimensional microconductors 32020
Nevrovsky, V.A., Pertsev, A.A., Rylskaya, L.A. On criteria of discharge triggering by macroparticles in vacuum 23186
Nevrovsky, V.A., Zimin, A.M. Unstable heating of dielectric by preflashover current 23114
Nevrovsky, V.A. *see* Kozyrev, S.P. 29913
Nevskaya, G.E., Reveleva, M.A. Examination of defects in silicon wafers and SiO_2 films by laser scanning and liquid-crystal methods 32106
Nevsky, A.Y. *see* Bagayev, S.N. 27375
Nevzorov, V.A. *see* Makarov, A.S. 13840
New, B. *see* Kean, T. 11426
New, C.C. The building blocks of manufacturing excellence 9935
New, G.H.C. *see* Ritsataki, A. 3754
Newall, P. *see* Ching, T. 49789
Newberg, I. *see* Cohen, D.A. 56215
Newberg, I.L. Fiber optic delay line radar test target unit 58457
Newberg, I.L. *see* Chang, Y. 34393
Newberg, I.L. *see* Cohen, D.A. 16700
Newberg, I.L. *see* Coppinger, F. 58455
Newberg, I.L. *see* Fetterman, H.R. 45460
Newberger, B. *see* Murphy, C.T. 49262
Newberger, J. Totally enclosed naturally cooled electronic enclosures 259
Newbold, D. *see* Alexeev, G. 59200
Newburg, F.L. *see* Bult, K. 17268
Newburger, J.W. *see* Helmers, S.L. 59639
Newbury, D.E. Imaging deep holes in structures with gaseous secondary electron detection in the environmental scanning electron microscope 12130
Newbury, J. Deregulation of the electricity supply industry in the United Kingdom and the effects on communications services 50452
Newbury, J. Power communication developments and international standards 50454
Newbury, R. *see* Bird, J.P. 12467
Newbury, R. *see* Bird, J.P. 42235
Newbury, R. *see* Dunford, R.B. 54149
Newbury, R. *see* Sachrajda, A.S. 32351
Newbury, R. *see* Taylor, R.P. 42074
Newby, P.G., Karam, R.A. Improved filter design for BNCT at the Georgia Tech research reactor 8119
Newby, P.S. *see* Wietfeldt, R.D. 17009
Newby, R.A. *see* Bannister, R.L. 19583
Newby, W. *see* Kranbuehl, D. 11003

Newcomb, R.M., Pellegrini, J., Singh, B. A new paradigm for real-time stepper performance monitoring 12830
Newcomb, R.W. *see* Hodge, A. 1675
Newcomb, R.W. *see* Hodge, A. 53492
Newcomb, R.W. *see* Sellami, L. 53473
Newcombe, A. *see* McGrath, D. 26049
Newcomer, F.M. *see* Arai, Y. 37267
Newcomer, F.M. *see* Arai, Y. 37268
Newel, T.C., Kovanis, V., Gavrielides, A., Bennett, P. Observation of the concurrent creation and annihilation of periodic orbits in a nonlinear RLC circuit 1114
Newell, C. *see* Broadhead, N. 9021
Newell, D. *see* Gillespie, A. 27362
Newell, D. *see* Steiner, R. 17814
Newell, D.B. *see* Faller, J.E. 17188
Newell, J.M., Larson, T.W., Gerscb, G., Stoklosa, M. Reliability modeling of MCMs – RELTECH lessons learned 1871
Newell, J.M. *see* Larson, T.W. 1881
Newell, R.D., Wilson, K. Why is industry dramatically increasing its use of electric trace heating? 20227
Newell, S. *see* Daigle, L.L. 26138
Newell, S.A. *see* Drake, M.E., Jr. 49579
Newhouse, J.H. *see* Gruss, L.P. 7889
Newhouse, M. *see* Hui, R. 33037
Newhouse, M.A. *see* Yanming Liu 13597
Newkirk, M.A. *see* Chen, T.R. 23904
Newland, D.E. *see* Burgess, S.C. 43402
Newland, S. The development of aluminium-beryllium composite material for electronic packaging applications 52269
Newman, B.A. *see* Brown, L.F. 18367
Newman, D., Fowler, J. Web servers: digging into corporate data 16312
Newman, D., Holzbaur, H., Bishop, K. Firewalls: don't get burned 57876
Newman, D., Kumar, S.S. Ethernet switches: Quantity, not commodity 16490
Newman, D., Kumar, S.S. Branch-office routers and frame relay: first things fast 47031
Newman, D.A. *see* Elton, R.C. 33199
Newman, E. A new cascade-type heat conversion system 20073
Newman, E.H. *see* Tekin, I. 4295
Newman, F.D. *see* Augusteijn, M.F. 18293
Newman, G. *see* Flack, W.W. 2552
Newman, G.A., Alumbaugh, D.L. Electromagnetic modeling of subsurface 3D structures 18933
Newman, G.A., Alumbaugh, D.L. Three-dimensional massively parallel electromagnetic inversion. I. Theory 50014
Newman, G.A. *see* Alumbaugh, D.L. 50175
Newman, H. *see* Alexeev, G. 59200
Newman, H.S., Webb, D.C., Krowne, C.M. Design and realization of millimeter-wave microstrip circulators 41404
Newman, J.S. "IPPD+: new approaches for the new business environment" 52117
Newman, M. *see* Mendoza, S. 14981
Newman, N. *see* Liliental-Weber, Z. 10804
Newman, N. *see* Porter, A.L. 115
Newman, P., Minshall, G., Lyon, T., Huston, L. IP switching and gigabit routers 25928
Newman, P. *see* Weimin Zhou 12408
Newman, R.C., Ashwin, M.J., Fahy, M.R., Hart, L., Holmes, S.N., Roberts, C., Zhang, X., Wagner, J. Lattice locations of silicon atoms in δ-doped layers in GaAs at high doping concentrations 2029
Newman, R.C., Jones, R. Light impurities (O, H, C, N) in silicon 41884
Newman, R.C. *see* Ashwin, M.J. 758
Newman, R.C. *see* Davidson, B.R. 766
Newman, R.C. *see* Kaczor, P. 12233
Newman, T. *see* Su, L. 2793
Newman-Coburn, D. *see* Beringer, J. 37394
Newmiller, J. *see* Kroposki, B. 39177
Newnam, B.E. *see* Moore, D.S. 8464
Newnam, G.E. *see* Cox, I.J. 38161
Newnest, K. *see* Abramowski, S. 26370
Newnham, R.E. Composite sensors and actuators 7262
Newnham, R.E. *see* Alkoy, S. 17311
Newnham, R.E. *see* Carlson, W.B. 43489
Newnham, S.J., Jakubovics, J.P., Daykin, A.C. Domain structure of thin NdFeB foils 3111
Newnham, S.J. *see* Brown, M.P. 43479
Newns, D.M. *see* Zhou, C. 31646
Newport, D. *see* Watson, C.C. 37675
Newport, D.F. *see* Defrise, M. 49502
Newquist, C. *see* Bagen, S. 1877
Newquist, C. *see* Bagen, S. 21324
Newquist, C. *see* Bagen, S. 53866
Newquist, C. *see* Wells, G.T. 53857
Newrock, R.S. *see* Ahoujja, M. 31943
Newrock, R.S. *see* Elhamri, S. 2213
Newsam, G.N. *see* Gibbins, D. 27178
Newsam, M.I. *see* Walton, A.J. 54774
Newsome, G. *see* Lohrmann, D. 17526
Newson, D. *see* Barnes, J. 5877
Newson, D. *see* Barnes, J. 6244
Newson, T.P. *see* De Souza, K. 7380
Newson, T.P. *see* De Souza, K. 48630
Newson, T.P. *see* Lees, G.P. 44377
Newt, R.M.H. *see* White, R.L. 32848
Newton, A.L. *see* Miller, L.S. 36963
Newton, A.M. *see* Eick, W. 28034
Newton, A.M. *see* Eick, W. 59238
Newton, A.R. *see* Lennard, C.K. 11325
Newton, A.R. *see* Lennard, C.K. 21615
Newton, C.O. Design assurance for airborne COTS hardware 37964
Newton, D., Main, J., Garcia, E., Massengill, L. Piezoelectric actuation systems: optimization of driving electronics 3008
Newton, D. *see* Sanders, J. 28544
Newton, D.A. *see* Bennett, S.M. 51795
Newton, D.A. *see* Bennett, S.M. 61264
Newton, D.V. *see* Main, J.A. 32769
Newton, J. *see* Carlson, D.E. 39124
Newton, M.A., Deadrick, F.J., Hanks, R.L., Hawkins, S.A., Holm, K.A., Kirbie, H.C., Karpenko, V.P., Longinotti, D.B., Nattrass, L.A. Engineering development for a small-scale recirculator experiment 59105
Newton, M.A. *see* Barnard, J.J. 59104
Newton, M.A. *see* Friedman, A. 59103
Newton, M.I. *see* Hooper, P.D. 12602
Newton, M.I. *see* Hooper, P.D. 12603
Newton, M.I. *see* Hooper, P.D. 54131
Newton, R.A., Meyer, C.H., Meyer, T.A. Westinghouse Owners Group Life Cycle Management/License Renewal Program 38572
Newton, S.L. Operating experience feedback–lessons learned reducing industry events–human performance is the key [nuclear power] 38544
Newton, T. *see* Westfeldt, P., Jr. 45466
Ney, H. *see* Beulen, K. 34669
Ney, H. *see* Ortmanns, S. 56367
Ney, H. *see* Welling, L. 14984
Ney, R. *see* Delage, D. 60053
Neyer, A. *see* Kim, J.-H. 6711
Neyer, A. *see* Wiesmann, R. 13681
Neyer, Ch. *see* Badura, E. 37241
Neytcheva, M. *see* Axelsson, O. 537
Neyts, K. *see* Soenen, B. 55441
Nez, F. *see* Bourzeix, S. 14364
Nez, F. *see* Touahri, D. 14172
Nez, F. *see* Touahri, D. 27264
Nezar, A., Nowlin, N., Ludikhuize, A., Brock, R., Slotboom, M., Harker, S. Hot-electron-induced snapback in 50-V LDMOS transistors fabricated in 0.8-μm CMOS technology 22824
Nezhadi, H. *see* Zahedi, E. 18241
Nezhevenko, O.A. *see* Gold, S.H. 7720
Nezry, E., Zagolski, F., Lopes, A., Yakam-Simen, F. Bayesian filtering of multi-channel SAR images for detection of thin structures and data fusion 48066
Nezry, E. *see* Lee, J.S. 6891
Nezu, H. *see* Saito, Y. 32236
Nezu, T. *see* Nagai, T. 17071
Nezu, Y. *see* Bettin, H. 27220
Nezu, Y. *see* Fujii, Y. 27944
Nezu, Y. *see* Shiota, F. 27363
Nezuka, M. *see* Shimogaki, Y. 54468
Ng, A.H. A design strategy for energy savings in air-conditioning for applications requiring humidity control 9734
Ng, B.C. *see* Halder, B. 16612
Ng, C. *see* Decker, F.-J. 37121
Ng, C. *see* Heifets, S. 49221
Ng, C.-K., Weiland, T. Impedance of the PEP-II DIP screen 49226
Ng, C.-K. *see* Kurita, N. 49229
Ng, C.-M.S., Houston, P.A., Ho-Kwang Yow Analysis of the temperature dependence of current gain in heterojunction bipolar transistors 12907
Ng, C.K. *see* Wu, A. 53200
Ng, D. *see* Backer, D.C. 48204
Ng, D. *see* Perry, J.W. 14408
Ng, F., Wong, S., Almeida, D., Mora, F., Passariello, G. Stress ECG analysis for ischemic preconditioning evidence 49622
Ng, G.C., Freiburger, P.D., Walker, W.F., Trahey, G.E. A new technique for adaptive imaging in the presence of distributed aberrations 28132
Ng, G.I. *see* Wang, H. 11721
Ng, G.I. *see* Wang, H. 40400
Ng, H. *see* Su, L. 2793
Ng, H. *see* Subbanna, S. 41161
Ng, H.C., Leung, S.H. Scalar quantization using vector measure with application to quantization of LSF parameters 15101
Ng, H.M. *see* Korakakis, D. 21265
Ng, H.N., Salama, M.M.A., Chikhani, A.Y. Capacitor placement in distribution systems using fuzzy technique 19298
Ng, H.S., Lam, K.P. Current-mode optimization circuits for minimax path problems 1023
Ng, J.K.-Y. A study on transmitting MPEG-I video over a FDDI network 6188
Ng, J.K.Y. *see* Lee, V.C.S. 57710
Ng, J.M. *see* Xiaohua Jia 46629
Ng, K., Zhu, Z.Q., Howe, D. Open-circuit field distribution in a brushless motor with diametrically magnetised PM rotor, accounting for slotting and eddy current effects 9280
Ng, K.-Y. *see* Garren, A. 17972
Ng, K.-Y. *see* Palmer, R.B. 17966
Ng, K.C. *see* Cooper, D. 17128
Ng, K.K. *see* Amos, N. 37445
Ng, K.K. *see* Smith, I.R. 60187
Ng, K.S. Fault isolation with fanin tree technique 39891
Ng, K.T., Chan, S.C., Ng, T.S. Buffer control algorithm for low bit-rate video compression 56962
Ng, K.T., Saleheen, H.I. Three-dimensional bidomain simulation of electrical propagation in cardiac tissue 59574
Ng, K.T. *see* Hutchinson, S.A. 49748
Ng, K.T. *see* Saleheen, H.I. 59727
Ng, K.W., Pollard, A.J., Dacombe, L.R., McLeod, R.D., Card, H.C. Performance of lossless compression algorithms on voiceband data 16202
Ng, K.W. *see* Leung, K.W. 45360
Ng, K.Y. *see* Bai, M. 59148
Ng, K.Y. *see* Lee, S.Y. 18034
Ng, K.Y. *see* Trbojevic, D. 18008
Ng, M.J. *see* Park, S.-Y. 26419
Ng, M.K. *see* Chan, R.H. 375
Ng, M.W.R. *see* Sobhy, M.I. 21898
Ng, M.W.R. *see* Sobhy, M.I. 53567
Ng, P.K., Hirsch, M., Nguyen, T.V. Evaluation of a reserve time prediction algorithm for lead acid battery 51483
Ng, P.K., Wolf, K. Effect of temperature compensation on battery temperature as predicted by a thermal model 51462
Ng, P.T. *see* Koenker, R.W. 30429
Ng, R.N. *see* Tipton, T.E. 38573
Ng, S.C., Leung, S.H., Chung, C.Y., Luk, A., Lau, W.H. The genetic search approach. A new learning algorithm for adaptive IIR filtering 4714
Ng, S.L., Dewar, B. Cut through routing in shared buffered banyan networks 46588
Ng, T. *see* von der Emde, M. 796
Ng, T.-B., Janes, D.B., McInturff, D., Woodall, J.M. Inhibited oxidation in low-temperature grown GaAs surface layers observed by photoelectron spectroscopy 12725
Ng, T.K., Kumar, B.V.K.V. MACE-type correlation filter with controlled in-plane rotation response 3561
Ng, T.L., Maung, N., Fan, G., Poole, I.B., Williams, J.O., Wright, A.C., Foster, D.F., Cole-Hamilton, D.J. Metal-organic vapor phase epitaxial growth of cubic gallium selenide, Ga_2Se_3 30740
Ng, T.L. *see* Gnoth, D.N. 40346
Ng, T.L. *see* Poole, I.B. 40475
Ng, T.S. *see* Choi, K.T. 57280
Ng, T.S. *see* Ng, K.T. 56962
Ng, T.W. Optical distance sensing using digital speckle shearing interferometry 7619
Ng, V., Lee, T. Measuring border irregularities of skin lesions using fractal dimensions 18206
Ng, W., Bourgholtzer, S., Persechini, D., Hsu, H.P., Yen, H.W., Tangonan, G., Negri, A., Haugsjaa, P., Tabasky, M. Array transmitters and their application in rf-photonics systems 58358
Ng, W.I. *see* Bhullar, H.K. 37820
Ng, W.S., Tan, C.K. On safety enhancements for medical robots 28390
Ng, W.T. *see* Zeng, X. 2629
Ng, W.T. *see* Zeng, X. 22847
Ng, W.W. *see* Loo, R.Y. 58456
Ng, W.W. *see* Negri, A.J. 47925
Ng, Y. *see* Cole, M. 49105
Ng, Y. *see* Debiak, T.W. 49104
Ng, Y.H., Grant, P.M., Stirling-Gallacher, R.A. Carrier tracking technique for OFDM signal transmissions 7031
Ng Boon Chong *see* Boon Chong Ng
Ng Chi-Man *see* Chi-Man Ng
Ng Chun-Sum *see* Chun-Sum Ng
Ng Jim-Mee *see* Jim-Mee Ng
Ng Kah-Hoe *see* Kah-Hoe Ng
Ng Kai-Tat *see* Kai-Tat Ng
Ng Kang Siong *see* Hasan, S.M.R. 41370
Ng Kim-Gau *see* Kim-Gau Ng
Ng King-Yuen *see* King-Yuen Ng
Ng Seng Lee *see* Seng Lee Ng
Ng Tuck Wah *see* Tuck Wah Ng
Ng Tung Sang *see* Tung Sang Ng
Ng Tung-Sang *see* Tung-Sang Ng
Ng Wee Teck *see* Wee Teck Ng
Ngai, K.L. *see* Kwok Yeung Tsang 1171
Ngai Li, Liew, S.C. Video compression with output traffic conforming to leaky-bucket network access control 57265
Ngalamou, L., Noury, N., Chamberod, E., Benech, P. Phase measurement system for piezopolymer resonator 48808
Ngan, K. *see* Ki-Chul Park 2430
Ngan, K.N. *see* Lee, M.H. 57349
Ngandui, E., Olivier, G., April, G.-E., Guimaraes, C. DC harmonic distortion minimization of thyristor converters under unbalanced voltage supply using asymmetrical firing angle 51141
Ngbangadia, D. *see* Thornbloom, M. 60571
Nghiem, P. *see* Tanaka, H. 17907
Nghiem, S.V., Kwok, R., Yueh, S.H., Gow, A.J., Perovich, D.K., Kong, J.A., Hsu, C.C. Evolution in polarimetric signatures of thin saline ice under constant growth 38078
Nghiem, S.V., Li, F.K., Neumann, G. K_u-band ocean backscatter functions for surface wind retrieval 8430
Nghiem, S.V., Li, F.K., Neumann, G., Lou, S.H. Results of airborne backscatter measurements during the Surface Wave Dynamics Experiment 18874
Nghiem, S.V., Martin, S., Perovich, D.K., Kwok, R., Drucker, R., Gow, A.J. A laboratory study of the effect of frost flowers on C band radar backscatter from sea ice 60077
Ngin Tan Swee *see* Tan Swee Ngin

Ngo, A.D., Reigelsperger, W.C., Banda, S.S., Bessolo, J.A. Tailless aircraft control law design using dynamic inversion & μ-synthesis 8705
Ngo, C. *see* Du, Y. 47130
Ngo, C.W. *see* Lai, K.F. 5136
Ngo, D. *see* Babcock, J.A. 41526
Ngo, D. *see* Videen, G. 24493
Ngo, K.D.T. *see* Chin-yu Tsai 32560
Ngo, K.D.T. *see* Harris, W.S. 53022
Ngo, K.D.T. *see* Hsu, J.-T. 2639
Ngo, K.D.T. *see* Hsu, J.-T. 53716
Ngo, K.D.T. *see* Hsu, J.-T. 55037
Ngo, K.D.T. *see* Hsu, J.T. 53715
Ngo, N. *see* Turner, J. 12809
Ngo, N.Q., Binh, L.N., Dai, X. Optical dark-soliton generators and detectors 3995
N'Go, R. *see* Bachmann, M. 6715
N'Go, R. *see* Ducellier, T. 47962
Ngoc, B.Phung *see* Phung Ngoc, B.
Ngoc Lan Ton Thi *see* Ton Thi Ngoc Lan
Ngoc Minh Hoang *see* Hoang Ngoc Minh
Ngoc Tho-Le *see* Tho-Le Ngoc
Ngoh, L.H., Lazar, A., Pan, H. A multimedia-on-demand system with end-to-end quality of service guarantees 58007
Ngoh, L.H. *see* Li, H. 47342
Ngoi, K.P., Jia, J.C. A new colour image energy for active contours in natural scenes 15441
Ngoya, E., Larcheveque, R. Simulation of microwave communication circuits and systems by envelop and compressed transient methods 53693
Ngoya, E. *see* Prigent, M. 1060
Ngoya, E. *see* Quere, R. 53691
Ngu, N.I. *see* Sebko, P. 40725
N'Guy, K., Menelle, A., Gergaud, P., Al Usta, K. Behavior of Ni_xC_{1-x}/Ti multilayers under neutron irradiation 33196
Nguyen, B.-Y. *see* Gelatos, A.V. 54511
Nguyen, B.T. On comparisons of time-domain scattering schemes 45119
Nguyen, C. Unsymmetrical broadside-coupled coplanar waveguides for loose- and tight-coupling MIC and MMIC applications 11725
Nguyen, C. Analysis of unsymmetrical broadside-coupled coplanar waveguides for microwave integrated circuits 31471
Nguyen, C. *see* Kunasani, S.R. 34176
Nguyen, C. *see* Nguyen, N.X. 31494
Nguyen, C. *see* Rahman, K.M. 31470
Nguyen, C.T., Gong, K.F. Performance analysis of a wavelet-based hybrid neurosystem for signal classification 25076
Nguyen, C.T., Hammel, S.E., Gong, K.F. Wavelet-based hybrid neurosystem for feature extractions, characterizations and signal classifications 4897
Nguyen, C.T. *see* Chan, A.B.Y. 32413
Nguyen, C.T. *see* Chi-Man Ng 12928
Nguyen, C.T. *see* Chuang, J.C.-I. 58210
Nguyen, C.T. *see* Fung, S.K.H. 22820
Nguyen, C.T. *see* Kuehne, S.C. 22813
Nguyen, C.T. *see* Lau, J. 7265
Nguyen, C.T. *see* Lau, J. 13448
Nguyen, C.T. *see* Leung, Y.K. 22819
Nguyen, C.T. *see* Ying-Keung Leung 12990
Nguyen, C.T.-C. *see* Bannon, F.D., III 41292
Nguyen, D. *see* Myslinski, P. 23801
Nguyen, D.C. High-power FEL based on seeded single-pass amplifier using prebunched electron beams 33585
Nguyen, D.C. *see* Carlsten, B.E. 59170
Nguyen, D.M. Inductive tuned oscillator 21533
Nguyen, D.T. *see* Le-Tien, T. 26969
Nguyen, D.T. *see* Le-Tien, T. 26970
Nguyen, D.T. *see* Le-Tien, T. 45725
Nguyen, D.T. *see* Le-Tien, T. 45796
Nguyen, G.D. *see* Wieselthier, J.E. 35459
Nguyen, H., Chatterjee, A. Activity measures for fast relative power estimation directed numerical transformation for low power DSP synthesis 1492
Nguyen, H., Kunath, R. Fabrication of a low-loss microstrip-coplanar transition with the use of a diffraction photolithographic technique 11642
Nguyen, H. *see* Perry, M.D. 14509
Nguyen, H.G., Marsh, W.C., Bryan, W.D. Virtual systems [Air-Mobile Ground Security and Surveillance System prototype] 8626
Nguyen, H.N. *see* Patel, D.N. 30164
Nguyen, H.Q. *see* Friedman, L.J. 7635
Nguyen, H.T., Shore, B.W., Bryan, S.J., Britten, J.A., Boyd, R.D., Perry, M.D. High-efficiency fused-silica transmission gratings 33598
Nguyen, H.T. *see* Daly, M.P.J. 59756
Nguyen, H.V., Dommel, H.W., Marti, J.R. Modelling of single-phase nonuniform transmission lines in electromagnetic transient simulations 50570
Nguyen, J. *see* Hansen, D.A. 54421
Nguyen, J. *see* Pixley, C. 36430
Nguyen, K., Danly, B., Levush, B., Blank, M., Liu, C., Antonsen, T. Design of magnetron injection gun for 94 GHz gyro-amplifiers 1938
Nguyen, K. *see* Freund, H.P. 1943
Nguyen, K. *see* Jensen, K.L. 41770
Nguyen, K. *see* Phillips, P.M. 31702
Nguyen, K. *see* Turner, J. 12809
Nguyen, K.B., Cardinale, G.F., Tichenor, D.A., Kubiak, G.D., Berger, K., Ray-Chaudhuri, A.K., Perras, Y., Haney, S.J., Nissen, R., Krenz, K., Stulen, R.H., Fujioka, H., Hu, C., Bokor, J., Tennant, D.M., Fetter, L.A. Fabrication of metal-oxide-semiconductor devices with extreme ultraviolet lithography 32401
Nguyen, K.D., Anderson, G.T., Nielsen, C.A. The use of transient simulations to resolve control system issues at the Palo Verde Nuclear Generating Station 9008
Nguyen, L., Aazhang, B., Young, J.F. Optical CDMA with spectral encoding and bipolar codes 36194
Nguyen, L. *see* Johnson, W.H. 42390
Nguyen, L. *see* Mayor, S. 18768
Nguyen, L.D. *see* Madden, C.J. 31531
Nguyen, L.T. Low-Cost Flip Chip Consortium 312
Nguyen, L.T., Chen, A.S., Peterson, D.W., Quearry, D., Reilly, J.F. Moisture sensing and stress test chips for plastic packaging qualification 20945
Nguyen, L.T., Garverick, T., Field, C. CLAy field configurable multi-chip module 6686
Nguyen, L.T., Garverick, T.G., Field, C. CLAy field configurable multichip module 53849
Nguyen, L.T., Giberti, R.W. Plastic Packaging Consortium–first year results 237
Nguyen, L.T. *see* Gee, S.A. 330
Nguyen, L.T. *see* Kuo, A.Y. 210
Nguyen, M. *see* Chen Wu 45392
Nguyen, M. *see* Street, R.A. 33228
Nguyen, M.C. *see* Vollmann, K. 35020
Nguyen, M.T., Tu Xuan, M., Simond, J.-J. Digital transient torque or force measurement for rotating or linear AC machines. (Real time measurement) 50910
Nguyen, M.T. *see* Betts, W. 59222
Nguyen, N.B. Properly implementing thermal spreading will cut cost while improving device reliability 52223
Nguyen, N.M. *see* Cogan, S.F. 55369
Nguyen, N.T., Bochnia, D., Kiehnscherf, R., Dotzel, W. Investigation of forced convection in microfluid systems 36470
Nguyen, N.X., Keller, B.P., Keller, S., Wu, Y.-F., Le, M., Nguyen, C., Denbaars, S.P., Mishra, U.K., Grider, D. GaN/AlGaN MODFET with 80 GHz f_{max} and >100 V gate-drain breakdown voltage 31494
Nguyen, S. *see* Huey, K. 8253
Nguyen, S.T. *see* Gowens, J.W. 57812
Nguyen, T. *see* Babu, S.R. 49872
Nguyen, T. *see* Branst, L. 13721
Nguyen, T. *see* Johnson, K. 25056
Nguyen, T. *see* Jong, J.-M. 53085
Nguyen, T. *see* Leong, F. 6336
Nguyen, T. *see* Mochizuki, M. 52279
Nguyen, T.B., Oommen, B.J. Moment-preserving piecewise linear approximations of signals and images 25628
Nguyen, T.D., Hiziroglu, H.R., Dincer, M.S. Breakdown voltages in SF_6+argon mixtures 43460
Nguyen, T.L., Freundorfer, A.P. A balanced distributed preamplifier using MMIC GaAs MESFET technology 11727
Nguyen, T.L., Freundorfer, A.P. A balanced distributed preamplifier using MMIC GaAs MESFET technology 41504
Nguyen, T.L., Freundorfer, A.P. A MESFET balanced distributed preamplifier MMIC 41525
Nguyen, T.P., Mansot, J.L. Metal-oxygen-carbon interaction in the poly(p-phenylene vinylene)-aluminum system: a study by analytical transmission electron microscopy and X-ray photoelectron spectroscopy 2087
Nguyen, T.P. *see* Kondoh, E. 42631
Nguyen, T.Q. Variable-delay dyadic wavelets 34950
Nguyen, T.Q., Heller, P.N. Biorthogonal cosine-modulated filter bank 15297
Nguyen, T.Q. *see* Afonso, V.X. 37788
Nguyen, T.Q. *see* Chen, L. 35350
Nguyen, T.Q. *see* Djohan, A. 59649
Nguyen, T.Q. *see* Hajj, H.M. 5329
Nguyen, T.Q. *see* Hajj, H.M. 25598
Nguyen, T.Q. *see* Hui, Y. 25596
Nguyen, T.Q. *see* Hui, Y. 34907
Nguyen, T.Q. *see* Jianlin Li 34869
Nguyen, T.Q. *see* Kok, C.W. 5163
Nguyen, T.Q. *see* Kok, C.W. 5336
Nguyen, T.Q. *see* Kok, C.W. 15911
Nguyen, T.Q. *see* Tran, T.D. 4793
Nguyen, T.Q. *see* Trautmann, S. 35351
Nguyen, T.T. Parametric harmonic analysis [of power systems] 38215
Nguyen, T.T. Load-flow parallel processing system. Conjugate-gradient neural network architecture 60211
Nguyen, T.T., Werking, J., Chan, D.Y. B-field effects on CMOS device in metal etch 54483
Nguyen, T.T. *see* Sahraoui, B. 55861
Nguyen, T.V. *see* Delavaux, J.-M.P. 26731
Nguyen, T.V. *see* Ng, P.K. 51483
Nguyen, X.T., Bouzerdoum, A., Moini, A. Velocity measurement using a smart micro-sensor 59016
Nguyen Anh Tuan, Lefevre, T. Analysis of household energy demand in Vietnam 50690
Nguyen Binh Le *see* Le Nguyen Binh
Nguyen Bui *see* Donggun Park 12935
Nguyen Buong On approximate solution for operator equations of Hammerstein type 544
Nguyen Cam *see* Cam Nguyen
Nguyen Cong, H. *see* Sene, C. 61089
Nguyen Hong Ha *see* Bannack, A. 61142
Nguyen Hong Ky *see* Gusarov, A. 13701
Nguyen Hung Quoc *see* Chirarattananon, S. 29917
Nguyen Huy *see* Huy Nguyen
Nguyen Lim *see* Lim Nguyen
Nguyen Luong *see* Luong Nguyen
Nguyen Minh *see* Minh Nguyen
Nguyen Phu, X. *see* Sahraoui, B. 55861
Nguyen The Khoi, Gaj, J.A., Karczewski, G., Wojtowicz, T., Kossut, J., Demianiuk, M. Exciton dynamics in ZnTe based semimagnetic semiconductors and CdMnTe quantum wells 12433
Nguyen Tue *see* Tue Nguyen
Nguyen Van Dau, F. *see* Sussiau, M. 43654
Nguyen Xuan Thong *see* Xuan Thong Nguyen
Nguyen-Ngoc, D. *see* Ahlgren, D.C. 43253
Nguyen-Ngoc, D. *see* Sunderland, D.A. 22777
Nguyen-Phi, K., Weinrichter, H. Contextual bit-plane coding for DWT image compression 57343
Nguyen-Tat, T., Athimon, C., Fisher, D.G. Bringing ATM to residential users 47225
Nguyen-Van-Dau, F. *see* Mathet, V. 10703
Nguyenphu, B., Oh, M., Fiory, A.T. Temperature monitoring by ripple pyrometry in rapid thermal processing 22919
Ngyen, T.Q. *see* Trautmann, S. 5328
Ni, C.K., Kung, A.H. Effective suppression of amplified spontaneous emission by stimulated Brillouin scattering phase conjugation 3746
Ni, C.K., Kung, A.H. SBS suppression of amplified spontaneous emission in high-gain amplifiers 33441
Ni, H. *see* Shu, Q. 24255
Ni, J., Yang, T., Tsang, D.H.K. CBR transportation of VBR MPEG-2 video traffic for video-on-demand in ATM networks 5771
Ni, J. *see* Hong, S.Y. 36921
Ni, J.Q., Ho, K.L., Tse, K.W. Rate-constrained adaptive quantization scheme for wavelet pyramid image coding 5156
Ni, Q. QP-free, truncated hybrid methods for large-scale nonlinear constrained optimization 21095
Ni, S. *see* Greenwood, A.D. 34241
Ni, S.S. *see* Greenwood, A.D. 45374
Ni, S.S. *see* Sancer, M.I. 14565
Ni, W.-X., Buyanova, I.A., Henry, A., Chen, W.M., Joelsson, K.B., Hansson, G.V., Monemar, B. Intense photoluminescence observed in modulation doped Si/SiGe quantum well structures 2168
Ni, W.-X. *see* Buyanova, I.A. 2167
Ni, W.-X. *see* Chen, W.M. 2112
Ni, W.-X. *see* Joelsson, K.B. 31888
Ni, W.-X. *see* Radamson, H.H. 1989
Ni, W.-X. *see* Tang, Y.S. 2173
Ni, W.X. *see* Tang, Y.S. 33296
Ni, Y., Devos, F., Arion, B. Analog retina based real-time vision system 46368
Ni, Y. *see* Arion, B. 46367
Ni, Y.-X., Vittal, V., Kliemann, W., Fouad, A.A. Nonlinear modal interaction in HVDC/AC power systems with DC power modulation 19282
Ni Guangzheng *see* Li Ronglin 45410
Ni Guangzheng *see* Yang Shiyou 50956
Ni Guoqi *see* Guoqi Ni
Ni Guoquan *see* Zhao Hao 3382
Ni Jian *see* Jian Ni
Ni Jinlin *see* Xue Fengzhang 56172
Ni Jinlin *see* Xue Fengzhang 56221
Ni Jinlin *see* Xue Fengzhang 56229
Ni Ming, Shan Yuanda The application of evidential theory in thermal power plant siting 29063
Ni Ming *see* Ming Ni
Ni Ru-Shan *see* Zhang Miao 54289
Ni Wei-Tou *see* Wei-Tou Ni
Ni Wei-Xin *see* Wei-Xin Ni
Ni Weidou, Jiang Dongxiang, Yu Wenhu Study on the methods of knowledge processing in an intelligent diagnostic system for large scale power plants 28976
Ni Weidou *see* Jiang Dongxiang 29098
Ni Xiao-Wu *see* Xiao-Wu Ni
Ni Xuewen *see* Mo Bangxian 31212
Ni Yixin *see* Chen Zhou 28818
Ni Yixin *see* Chen Zhou 28819
Ni Yixin *see* Yixin Ni
Ni Zhengqun, Cai Xuexiang, Weng Xingtai Computation of inductive magnetic field induced by vessel's main deck model 20165
Ni Zhengqun *see* Cai Xuexiang 20166
Niande Xiang *see* Xiang Niande
Nianmao Deng *see* Deng Nianmao
Nianzu Yang *see* Yang Nianzu
Niarchos, D. *see* Christides, C. 3156
Niarchos, D. *see* Moukarika, A. 32803
Niay, P. *see* Bernage, P. 23472
Niay, P. *see* Cordier, P. 43946
Niay, P. *see* Dianov, E.M. 33029
Niay, P. *see* Dianov, E.M. 43981
Niay, P. *see* Douay, M. 24268
Niay, P. *see* Douay, M. 55193
Niay, P. *see* Douay, M. 55261
Niay, P. *see* Kurkov, A.S. 44399
Niay, P. *see* Poignant, H. 43979
Niay, P. *see* Pureur, D. 23476
Niay, P. *see* Pureur, D. 43932
Niay, P. *see* Taunay, T. 13617
Niay, P. *see* Taunay, T. 43967
Niay, P. *see* Xie, W.X. 24284
Niazi, A.Y. *see* Ramadan, O. 45106
Nibbering, E. *see* Ripoche, J.-F. 24203
Niblack, W. *see* Qian Huang 5588
Nibu, K. *see* Cholewicki, J. 37595

Nicander, I., Rozell, B.L., Emtestam, L., Ollmar, S. Interpretation of impedance data of stripped skin supported by histological findings 49712
Nicastro, L. *see* D'Amico, N. 36303
Nicati, P.-A. *see* Kung, A. 17433
Nicati, P.-A. *see* Kung, A. 58795
Nicati, P.-A. *see* Meyer, T. 3370
Nicati, P.A. *see* Meyer, T. 55209
Niccoli, J. *see* Sees, J. 42451
Nicewarner, E. *see* Landis, D. 22086
Nichol, J. Visualisation of urban surface temperatures derived from satellite images 8472
Nicholas, J.R. *see* Brooks, D. 60655
Nicholas, J.V. Comments on Hill and Steele's reply [Nicholas model for Pt resistance thermometry and ITS-90 thermodynamic accuracy] 48305
Nicholas, R.J., Leadley, D.R., Daly, M.S., van der Burgt, M., Gee, P., Singleton, J., Maude, D.K., Portal, J.C., Harris, J.J., Foxon, C.T. The dependence of the composite fermion effective mass on carrier density and Zeeman energy 2126
Nicholas, R.J. *see* Booker, G.R. 52669
Nicholas, R.J. *see* Klipstein, P.C. 12336
Nicholas, R.J. *see* Salesse, A. 54079
Nicholas, R.J. *see* Stone, R.J. 13835
Nicholas, R.J. *see* Stone, R.J. 42206
Nicholas, R.J. *see* Wood, A.K. 40337
Nicholas, W. Designing for electrostatic discharge 55966
Nicholls, D.B., McCallum, M. Selection of equipment to leverage commercial technology (SELECT) 60167
Nicholls, D.R. The pebble bed nuclear reactor 60497
Nicholls, E. *see* Thrush, E.J. 30799
Nicholls, G. *see* Zarrinch, K. 1048
Nicholls, J.A., Monro, D.M. Scalable video with background segmentation 57288
Nicholls, J.E. *see* Ozanyan, K.B. 23884
Nicholls, J.E. *see* Ozanyan, K.B. 33557
Nicholls, J.F.H., Gallagher, H., Henderson, B., Trager-Cowan, C., Middleton, P.G., O'Donnell, K.P., Cheng, T.S., Foxon, C.T., Chai, B.H.T. Growth and optical properties of GaN grown by MBE on novel lattice-matched oxide substrates 10805
Nicholls, J.F.H. *see* Andrianov, A.V. 41950
Nicholls, J.T. *see* Kardynal, B. 42165
Nicholls, J.T. *see* Turner, N. 2210
Nicholls, P.J., Greaves, S.D., Sibley, M.J.N. Optical wireless Ethernet 26152
Nicholls Posada, J.C., Cerezo Restrepo, J.H. Metal oxide arresters end lightning-caused outages 28956
Nichols, A., Goodstein, F.R., Vancouvering, K. Integrated CCSDS, SGLS and STDN telemetry, tracking and command processing system 6045
Nichols, C.A., Rossnagel, S.M., Hamaguchi, S. Ionized physical vapor deposition of Cu for high aspect ratio damascene trench fill applications 2421
Nichols, C.S. *see* Smith, D.A. 12193
Nichols, D. *see* Zmudzinski, C. 58359
Nichols, D.G., Dantsker, E., Kleiner, R., Muck, M., Clarke, J. Linearity of high-T_c dc superconducting quantum interference device operated in a flux-locked loop 3283
Nichols, D.K., Coss, J.R., Miyahira, T., Titus, J., Oberg, D., Wert, J., Majewski, P., Lintz, J. Update of single event failure in power MOSFETs 43107
Nichols, D.K., Coss, J.R., Miyahira, T.F., Schwartz, H.R. Heavy ion and proton induced single event transients in comparators 21844
Nichols, D.T. *see* Dutta, N.K. 48503
Nichols, F.T. *see* Jackson, J.R. 28125
Nichols, J. *see* McNamara, W.G. 8635
Nichols, J.A. *see* Peters, R.A., II 56900
Nichols, J.M., Yakoob, N.A., Baumgartner, T.J. End customer control in the intelligent network 26295
Nichols, K.B. *see* McIntosh, A. 14710
Nichols, K.B. *see* McIntosh, A. 23658
Nichols, T.S. *see* Dempster, R.J. 48048
Nichols, W.G. *see* Moynihan, G.P. 49927
Nicholson, A. Interactive learning: using the design, run, evaluate cycle 52022
Nicholson, B., Troxel, D. Update of the AN/AVS-7 head up display program 18639
Nicholson, B.A., Dunn, R.W., Daniels, A.R., Chan, K.W. Analysis of system sensitivity for on-line optimisation of security and economy 19206
Nicholson, D. *see* Willemsen, H. 36178
Nicholson, G.D. Single loss of phase tests at 33 kV on operating windfarms 29178
Nicholson, J.E., Mathur, J.P., Parker, J.H., Jr. Spectral discrimination using temporal mapping of light pulses through optical filters 7644
Nicholson, J.J. *see* Huguenin, G.R. 21913
Nicholson, J.M. *see* Blair, H.D. 20847
Nicholson, J.M. *see* Blair, H.D. 39348
Nicholson, J.M. *see* Blair, H.D. 40664
Nicholson, J.M. *see* Ray, U. 22060
Nicholson, J.W., Bienfang, J., Rudolph, W., Hager, G. Intrinsic gigahertz modulation of photolytic iodine lasers 33385
Nicholson, J.W., Rudolph, W., Hager, G. Gigahertz-mode beating in photolytic iodine lasers 33372
Nicholson, N.C., McDicken, W.N. A comparison of coupling horns for waveguides used in medical ultrasonics 7929
Nicholson, P.I., So, M.H., Meydan, T., Moses, A.J. Non-destructive surface inspection system for steel and other ferromagnetic materials using magneto-resistive sensors 27843
Nicieza, C.Gonzalez *see* Gonzalez Nicieza, C.
Nickel, H. *see* Ye, P. 2202
Nickel, J.H. *see* Brug, J.A. 3225
Nickel, M. Results of the consultation with the catering industry 39491
Nickel, N.H., Jackson, W.B., Johnson, N.M., Walker, J. Hydrogen induced passivation and generation of defects in polycrystalline silicon 41862
Nickel, W. *see* Bober, C. 39707
Nickens, D. *see* Carroll, D. 6038
Nickerson, R. *see* DeWitt, J. 59243
Nickerson, R. *see* Sadrozinski, H.F.W. 37399
Nickerson, R.B. *see* Beringer, J. 37394
Nickerson, R.B. *see* Fox-Murphy, A.F. 37397
Nickl, T. *see* Burger, D. 58921
Nicklasson, P.J. *see* Espinosa-Perez, G. 29298
Nicklaus, J., Boost, M. Advanced packaging of a 600 Amp power plant 51208
Nickles, P. *see* Will, I. 7642
Nickles, P.V., Shlyaptsev, V.N., Kalachnikov, M., Schnurer, M., Will, I., Sandner, W. Short pulse X-ray laser at 32.6 nm based on transient gain in Ne-like titanium 44369
Nickles, P.V. *see* Kalashnikov, M.P. 14055
Nickola, W.E. *see* Corby, T.W., Jr. 21405
Nickolaus, H., Henneberger, F., Schulzgen, A. Coherent exciton-exciton interaction in wide-gap II-VI quantum wells 22362
Nickolay, B. *see* Grossert, S. 5425
Nickson, R. *see* Allison, W.W.M. 37269
Nickum, W.G. *see* Troendly, G.M. 8276
Nicoara, D. *see* Nicoara, I. 13535
Nicoara, G., Fratiloiu, D., Nogues, M., Dormann, J.L., Vasiliu, F. Ni-Zn ferrite nanoparticles prepared by ball milling 55036
Nicoara, I., Vizman, D., Nicoara, D. Thermal stresses in shaped semi-transparent crystals 13535
Nicodeme, P. A computer support for genotyping by multiplex PCR 35446
Nicol, C. *see* Milne, R. 9105
Nicol, C.J. *see* Larsson, P. 11274
Nicol, D., Heidelberger, P. Parallel execution for serial simulators 35566
Nicol, J.R. *see* Eliassen, F. 6197
Nicol, J.R. *see* Phuah, V. 35431
Nicol, M. *see* Ashwin, P. 40952
Nicol, T.H. TESLA test facility alternate cryostat design 49015
Nicol, T.H. *see* Alessandria, F. 49017
Nicola, S.De *see* De Nicola, S.
Nicola, V.F. *see* De Boer, P.-T. 35778
Nicola, V.F. *see* Slingerland, A.M.R. 25909
Nicolae, M. *see* Caldararu, M. 3451
Nicolaescu, D. *see* Filip, V. 41752
Nicolaescu, D. *see* Kleps, I. 41779
Nicolai, J. Simplified electronics bring the switched-reluctance motor to the mass market 61173
Nicolaide, A., Cernat, M. Numerical equipment for energy measurement and harmonic analysis of electric quantities in power systems 60449
Nicolaides, G.K. *see* Tsamakis, D.M. 3265
Nicolaides, R. *see* Kangro, U. 33917
Nicolaidis, M. Theory of transparent BIST for RAMs 1345
Nicolaidis, M., Parekhji, R.A., Boudjit, M. E-groups: a new technique for fast backward propagation in system-level test generation 53122
Nicolaidis, M. *see* Calin, T. 21695
Nicolaidis, M. *see* Velazco, R. 21692
Nicolao, G.De *see* De Nicolao, G.
Nicolaou, G. *see* Abbas, K. 37544
Nicolas, A. *see* Krahenbuhl, L. 44938
Nicolas, A. *see* Sareni, B. 43430
Nicolas, A. *see* Vasconcelos, J.A. 51388
Nicolas, A. *see* Vollaire, C. 45067
Nicolas, B., Fadel, M., Cheron, Y. Fixed-frequency sliding mode control of a single-phase voltage source inverter with input filter 9379
Nicolas, B., Fadel, M., Cheron, Y. Robust control of switched power converters via sliding mode 38889
Nicolas, B., Fadel, M., Cheron, Y. Sliding mode control of DC-to-DC converters with input filter based on the Lyapunov-function approach 51164
Nicolas, B., Lecorgne, G. Judicael: an extensible ODBMS for IN management 35804
Nicolas, B. *see* Bellosta, M.-J. 5934
Nicolas, E. *see* Darboux, M. 37701
Nicolas, E. *see* Dinten, J.-M. 59442
Nicolas, G. From multichip modules (MCMs) to microsystem modules (MSMs) 30213
Nicolas, G., Autric, M. Production of a metallic thin film on AlN surface by UV laser radiation 40672
Nicolas, H., Jordan, F. Interactive optimization and massively parallel implementations of video compression algorithms 56764
Nicolas, J.-M. *see* Tupin, F. 48076
Nicolas, L. *see* Naudet, S. 46520
Nicolas, L. *see* Vollaire, C. 45067
Nicolaus, A. *see* Bonsch, G. 27230
Nicole, P. *see* Dueme, P. 58315
Nicole, P. *see* Mathoorasing, D. 58296
Nicolet, M.-A. *see* Gottlieb, U. 42270
Nicolet, M.-A. *see* Im, S. 32131
Nicolet, M.-A. *see* Im, S. 32135
Nicolet, M.-A. *see* Pan, E.T.-S. 22437
Nicolet, M.-A. *see* Sun, X. 42651
Nicolet, M.A. *see* Shalish, I. 32060
Nicoletta, C. *see* Alvarez, J. 1193
Nicoletti, G. *see* Grossmann, G. 10052
Nicoletti, S., Moriceau, H., Villegier, J.C., Chateigner, D., Bourgeaux, B., Cabanel, C., Laval, J.Y. Bi-epitaxial YBCO grain boundary Josephson junctions on $SrTiO_3$ and sapphire substrates 3293
Nicolini, C. Supramolecular architecture and molecular bioelectronics 22081
Nicolini, C. *see* Carrara, S. 25727
Nicolini, C. *see* Erokhin, V. 31932
Nicolini, C. *see* Fanigliulo, A. 7454
Nicolini, C. *see* Sartore, M. 58867
Nicolini, C. *see* Troitsky, V.I. 828
Nicolini, C. *see* Tronin, A. 17566
Nicollian, E.H. *see* Tsu, R. 2586
Nicollian, P.E. *see* Hattangady, S.V. 42554
Nicollini, G. *see* Strojwas, A.J. 13139
Nicoloff, M.J. *see* Steinway, W.J. 58503
Nicolopoulou, K., Smithson, S. A framework for success studying IOS in medium-sized companies in unfavourable environments: the case of Greece 16344
Nicolucci, A. *see* Vespasiani, G. 18180
Nicopoulos, V.N. *see* Rau, G. 22385
Nicoud, J.D. A demining technology project 8595
Nicula, G. *see* Zaciu, R. 57029
Niculae, C., Craciunescu, T., Dobrin, R. On the reconstruction of the fission products distribution in nuclear fuel rods 15816
Niculae, C. *see* Turcanu, C.O. 25324
Niculin, D., Strelets, M., Dvinsky, A., Bar-Cohen, A. Navier-Stokes study of natural convection and heat transfer in vertical symmetrically heated plate-fin heat sinks 39780
Nido, M. *see* Kimura, A. 10724
Nie, J.C., Chen, L., Li, L., Yang, T., Huang, M.Q., Wu, P.J., Liu, G.R., Zhao, Z.X. A simple lift-off process for sharp step edges and $YBa_2Cu_3O_7$ Josephson junctions 13484
Nie, J.F., Muddle, B.C. Microstructure in rapidly solidified Al-Ti-Ni alloys 30954
Nie Hongzhan *see* Qiu Chungtao 50370
Nie Hui *see* Hui Nie
Nie Huijun *see* Zhu Guoliang 53613
Nie Jiacai *see* Huang Mingqiang 32908
Nie Lihua *see* Lihua Nie
Nie Shiqi, Yao Zongxi, Wang Changhua Scandium oxide cathode research 12066
Nie Shouping *see* Bian Songlin 46400
Nie Shouping *see* Wang Jiawang 48129
Nie Zaiping *see* Zhang Yerong 58954
Nie Zuoren *see* Zhou Meiling 31685
Niebauer, M., Rauschenberger, D. Optimisation of power output of solar cell circuits: intelligent MPP-tracking with an ST62-microcontroller 19840
Niebauer, T.M. *see* Faller, J.E. 17188
Nieberger, M. *see* Vaishnav, C. 47995
Niebling, G., Aigner, R., Wabner, D., Menzel, R. Data reduction for curve analysis [chemical analysis] 27434
Niebuhr, R. *see* Rouviere, J.-L. 12286
Niebur, E., Koch, C. Control of selective visual attention: modeling the "Where" pathway 57048
Niedejohn, R.J. *see* Heinen, J.A. 40193
Nieden, K.Z. *see* Knuttgen, D. 59692
Niederhagen, R. Comparison of logic simulator methods 1066
Niedermair, G.T. A flexible call-server architecture for multi-media and speech dialog systems 46965
Niedernostheide, F.-J., Brillert, C., Kukuk, B., Purwins, H.-G., Schulze, H.-J. Frequency-locked, quasiperiodic, and chaotic motions of current-density filaments in a semiconductor device 22906
Niedernostheide, F.J. *see* Gorbatyuk, A.V. 31961
Niederreiter, H. *see* Larcher, G. 21165
Niederwald, H., Reimer, P., Erdelyi, D. Infrared optical coatings by simultaneous evaporation 875
Niedoba, H., Mirecki, B., Jackson, M., Jordan, S., Thompson, S., Whiting, J.S.S., Djemia, P., Ganot, F., Moch, P., Hase, T.P., Pape, I., Tanner, B.K. Magnetization process and magnetic properties of Co/Cr/Co trilayers 43670
Niedoba, H. *see* Suran, G. 3087
Niedra, J.M., Gerber, S.S. Improved L-C resonant decay technique for Q measurement of quasilinear power inductors: New results for MPP and ferrite powdered cores 19822
Niedung, L. *see* Kunde, K. 60338
Niehaus, D. *see* Lazarou, G.Y. 6085
Niehsen, W., Simon, S.F. Block motion estimation using orthogonal projection 56956
Niehuis, E. *see* Schnieders, A. 54440
Nield, M. *see* Jones, C. 44307
Niell, A.E. *see* Jaldehag, R.T.K. 8351
Nielsen, A.M., Muller, J.-M. On-line algorithms for computing exponentials and logarithms 10434
Nielsen, B. *see* Albregtsen, I. 15719
Nielsen, B. *see* Holland, O.W. 12660
Nielsen, C.A. *see* Nguyen, K.D. 9008
Nielsen, F. *see* Skriver, H. 8320
Nielsen, J. *see* Ferrari, F. 6006
Nielsen, J. *see* Sandini, G. 26072
Nielsen, J.A. *see* Kim, N.P. 38019
Nielsen, J.F. Improvement of amplitude variability of motor evoked potentials in multiple sclerosis patients and in healthy subjects 28312
Nielsen, J.M. *see* Brorson, S.D. 23937

Nielsen, J.M. *see* Wang, Z. 23939
Nielsen, J.V., Dittman, L., Madsen, J.K., Lassen, P.S. VLSI implementation of a fairness ATM buffer system 6409
Nielsen, K. *see* Bhasavanich, D. 33878
Nielsen, K. *see* Hammon, J. 51263
Nielsen, K. *see* Penzel, T. 28066
Nielsen, L. *see* Carter, G. 4490
Nielsen, L.G. *see* Hubner, J. 55189
Nielsen, M., Deriche, R. Binocular dense depth reconstruction using isotropy constraint 15866
Nielsen, M. *see* Ke Chen 53708
Nielsen, M. *see* Niessen, W.J. 46420
Nielsen, M. *see* Sporring, J. 15729
Nielsen, M.A. *see* Schumacher, B. 14767
Nielsen, P. *see* Casadei, D. 51348
Nielsen, R. *see* Cho, Y. 18067
Nielsen, R.O. Relationship between dilution of precision for point positioning and for relative positioning with GPS 36051
Nielsen, S.E. *see* Thogersen, P. 61136
Nielsen, T.N. *see* Haner, M. 16744
Nielsen, T.N. *see* Nykolak, G. 58373
Nielson, D.L. *see* Wright, P.M. 19587
Niemann, H., Fischer, V., Paulus, D., Fischer, J. Knowledge based image understanding by iterative optimization 15913
Niemann, H., Kasprzak, W., Weierich, P. Integrated motion and geometry based obstacle detection in image sequences of traffic scenes 15763
Niemann, H. *see* Bess, R. 57452
Niemann, H. *see* Denzler, J. 56785
Niemann, H. *see* Eckert, W. 14969
Niemann, H. *see* Fischer, V. 5064
Niemann, H. *see* Noth, E. 14968
Niemann, H. *see* Weierich, P. 49498
Niemann, H. *see* Wolf, M. 49499
Niemann, H.H., Stoustrup, J. Filter design for failure detection and isolation in the presence of modeling errors and disturbances 39885
Niemann, O. *see* Bhogal, A.S. 8552
Niemann, R.C., Cha, Y.S., Hull, J.R., Buckles, W.E., Weber, B.R., Yang, S.T. Performance evaluation of high-temperature superconducting current leads for micro-SMES systems 39255
Niemann, R.C., Cha, Y.S., Hull, J.R., Rey, C.M., Dixon, K.D. Performance evaluation of high-temperature superconducting current leads for electric utility SMES systems 39256
Niemann, R.C., Evans, D.J., Rey, C.M. Thermal and electrical stabilization of high-temperature superconductor powder-in-tube conductor 43749
Niemann, R.C. *see* Cha, Y.S. 32954
Niemann-Delius, B. *see* Rosche, J. 49583
Niemczewski, B., Gorczynski, J. The investigation of intensity and distribution of ultrasonic cavitation in tubular ultrasonic transducer 18962
Niemegeers, A., Burgelman, M. Numerical modelling of AC-characteristics of CdTe and CIS solar cells 39098
Niemegeers, A., Burgelman, M. Effects of the Au/CdTe back contact on IV and CV characteristics of Au/CdTe/CdS/TCO solar cells 39187
Niemegeers, I.G. *see* Heijenk, G.J. 5887
Niemegeers, I.G.M.M. *see* Koonen, T. 58034
Niemeijer, J. *see* van der Putten, N. 59746
Niemeyer, J. *see* Ahlers, F.-J. 22894
Niemeyer, J. *see* Hebrank, F.X. 23408
Niemeyer, J. *see* Kessel, W. 21567
Niemeyer, J. *see* Krasnopolin, I.Ya. 23410
Niemeyer, J. *see* Muller, F. 27215
Niemeyer, L. *see* Morshuis, P. 32633
Niemeyer, L. *see* Piemontesi, M. 13313
Niemeyer, L. *see* Piemontesi, M. 43458
Niemeyer, M. *see* Goodwin, T.J. 2023
Niemi, E., Hedstrom, J., Martinsson, T., Granath, K., Stolt, L., Skarp, J., Hariskos, D., Ruckh, M., Schock, H.W. Small- and large-area CIGS modules by co-evaporation 39066
Nieminen, M. *see* Seim, H. 52715
Nieminen, R. *see* Raback, P. 52590
Nieminen, S. *see* Pietikainen, M. 5651
Nien-Hua Chao *see* Jih Yuan 53780
Nien-Mien Chung *see* Chung Nien-Mien
Nien-Tze Yeh *see* Ching-Ting Lee 22427
Nienhaus, H., Monch, W. Fluorine adsorption on GaAs(110) surfaces and the onset of etching after XeF_2 exposures 2373
Nienhuis, G.-J. *see* Van Delft, F.C.M.J.M. 42497
Nieniewski, M. *see* Kurianski, A. 15730
Nierlich, S.L. *see* Mannheimer, P.D. 37710
Nierode, C.F. *see* Rohrer, R.J. 29033
Niesler, T.R., Woodland, P.C. A variable-length category-based n-gram language model 14888
Niessen, C.W. Emergency communications via airborne communications node 58216
Niessen, W.J., Duncan, J.S., Nielsen, M., Florack, L.M.J., Ter Haar Romeny, B.M., Viergever, M.A. A multiscale approach to image sequence analysis 46420
Niessen, W.J., Ter Haar Romeny, B.M., Florack, L.M.J., Viergever, M.A. A general framework for geometry-driven evolution equations 46318
Niessen, W.J. *see* Bouma, C.J. 18382
Nieto, V. *see* Gomez, P. 4620
Nieto-Vesperinas, M. *see* Madrazo, A. 23447
Nieusma, D. *see* Woodhouse, E.J. 39647
Nieuwenhuys, G.J. *see* van Wieringen, N. 8135
Niewczas, M. *see* Jaworski, Z. 1637
Niewiadomska, M. *see* Wochnik-Dyjas, D. 28311 ,
Niewiadomski, S. A programmable architecture for the IP era 31215
Niewiadomski, T., Bilski, P., Budzanowski, M., Olko, P., Ryba, E., Waligorski, M. Progress in thermoluminescent dosimetry for radiation protection and medicine at the Institute of Nuclear Physics, Krakow 18572
Niewiadomski, W. *see* Cybulski, G. 18194
Niewierowicz, T. *see* Kawecki, L. 9257
Niewierowicz, T. *see* Kawecki, L. 19738
Niewierowicz, T. *see* Kawecki, L. 55504
Niezette, J. *see* Thielen, A. 12599
Niezette, J. *see* Thielen, A. 12600
Niezette, J. *see* Thielen, A. 54312
Nifterik, L.Van *see* Van Nifterik, L.
Nigaglioni, R.H., Swartzlander, E.E. Variable spanning tree adder 1318
Nigg, D.W., Mitchell, H.E., Harker, Y.D., Harman, J.F. Experimental investigation of filtered epithermal photoneutron beams for BNCT 8115
Nigge, K.-M., Baumgartner, F.P., Bucher, E. CVT-growth of $AgGaSe_2$ single crystals: electrical and photoluminescence properties 674
Niggemann, J., Plantholt, M. Videotext capture with domestic video recorders 35683
Niggemann, M., Katerkamp, A., Pellmann, M., Bolsmann, P., Reinbold, J., Cammann, K. Remote sensing of tetrachloroethene with a micro-fibre optical gas sensor based on surface plasmon resonance spectroscopy 17587
Niggemeyer, D. *see* Nordholz, P. 21684
Nigh, P. *see* Gattiker, A. 23001
Nighan, W.L., Jr., Hutchinson, S.B., Dudley, D., Keirstead, M.S. Highly efficient, diode-bar-end-pumped Q-switched Nd:YAG laser with 11 W TEM_{00} output 14081
Nightingale, K.R. *see* Bohs, L.N. 28183
Nightingale, M.P.S. *see* McAdams, R. 7756
Nightingale, S.A. *see* Ciacchi, F.T. 21378
Niglei, D.F. *see* Dyntu, M.P. 49676
Nigmatullin, R., Ryabov, Ya., Polygalov, E., Fewldman, Yu. The fractal nature of electrode polarization 43433
Nigol, O. *see* Chisholm, W.A. 8927
Nigon, F., Cros, D., Verdeyme, S., Aubourg, M., Guillon, P. Full wave electromagnetic analysis of planar whispering gallery mode DRO 53533
Nigrin, A. SONNET 2: a new unsupervised neural network for segmentation 57547
Nigro, A. *see* Cucolo, A.M. 43831
Nigro, N.J., Zhou, F.J., Elkouh, A.F., Fournelle, R.A., Heinrich, S.M., Lee, P.S. Parametric finite element method for predicting shapes of three-dimensional solder joints 30247
Nigro, N.J., Zhou, F.J., Heinrich, S.M., Elkouh, A.F., Fournelle, R.A., Lee, P.S. Parametric finite element method for predicting shapes of three-dimensional solder joints 11876
Nigro, S.Lo *see* Lo Nigro, S.
Nihei, E., Ishigure, T., Koike, Y. High-bandwidth, graded-index polymer optical fiber for near-infrared use 23511
Nihei, E., Ishigure, T., Tanio, N., Koike, Y. Present prospect of graded-index plastic optical fiber in telecommunication 26917
Nihei, E. *see* Muto, S. 23525
Nihei, E. *see* Tagaya, A. 33392
Nihizawa, M. *see* Wakiwaka, H. 51045
Niho, T., Jiang, H., Yamamoto, S. Comparison of efficient algorithms of mathematical morphology 15858
Niho, T. *see* Horie, T. 44961
Niho, T. *see* Horie, T. 44966
Nihous, G.C., Syed, M.A. A financing strategy for small OTEC plants 29159
Nihtianova, D.D. *see* Shumov, D.P. 43887
Nii, K. *see* Maeda, S. 41066
Nii, T. *see* Ishikawa, N. 38655
Niihara, T. *see* Miyamoto, H. 3183
Niijima, H. *see* Oyama, Y. 41017
Niikura, J. *see* Hatoh, K. 61070
Niiler, P.P. *see* LaBelle, R.P. 50135
Niimi, H. *see* Hattangady, S.V. 12614
Niimi, H. *see* Lucovsky, G. 881
Niimi, H. *see* Lucovsky, G. 22915
Niimi, H. *see* Schmidt, D. 54396
Niimi, M. *see* Kamata, S. 5657
Niimi, T. *see* Aizawa, M. 7437
Niimi, Y. Recognition and synthesis on dialogue speech 45658
Niimura, T., Ziao, M., Yokoyama, R. Flexible generator maintenance scheduling considering uncertainties of objectives and parameters 19434
Niimura, T. *see* Yokoyama, R. 29073
Niina, T. *see* Uetani, T. 33494
Niinikoski, T.O. *see* Ylostalo, J. 17855
Niinisto, L. *see* Seim, H. 52715
Niino, S., Miura, K. The present and future prospects of electrical equipment for steel mills 20266
Niino, T., Ban, T., Yamamoto, A., Higuchi, T. X-Y positioner driven by electrostatic motor 33847
Niino, T., Higuchi, T., Egawa, S., Nishiguchi, N. Dual excitation electrostatic stepping motor 19776
Niino, T. *see* Yamagata, Y. 43414
Niino, T. *see* Yamamoto, A. 33848
Niino, T. *see* Yamamoto, A. 60813
Niio, Y. *see* Shinohara, H. 59402
Niiori, Y., Yamada, Y., Yoshida, Y., Hirabayashi, I. Fabrication of $REBa_2Cu_3O_x$ (RE=Y, Nd) films on Yttria-Stabilized zirconia by liquid phase epitaxial method with Ba-Cu-O-F flux 30735
Niishi, K. *see* Nagasaki, T. 52179
Niitani, E. *see* Fukumasa, O. 37175
Niitsu, Y. Simple small-signal model for 3-port MOS transistors 21915
Niitsu, Y., Gomi, K. Influence of crystal orientation on photoelastic property of silicon single crystal 31017
Niitsu, Y., Gomi, K., Ono, T. Investigation of photoelastic property of semiconductor wafers 1011
Niitsu, Y., Miyazaki, S. Noncontact 3-dimensional 360° shape measuring system using light section method 48915
Niitsu, Y., Urata, J., Mizuno, O. Customization methodology of advanced IN services for a large number of subscribers 47256
Niitsu, Y. *see* Okamoto, M. 26285
Niitsu, Y. *see* Sakai, H. 6290
Niitsu, Y. *see* Shibata, A. 47300
Niitsu, Y. *see* Urata, J. 6289
Niitsuma, T., Tachikawa, S. Performance of M-ary/spread spectrum communication system in the presence of continuous wave interference 47519
Niiyama, H. *see* Murakoshi, A. 42749
Niiyama, H. *see* Nakasugi, T. 32316
Nijdam, W. *see* van Rijn, C. 43388
Nijenhuis, J.te *see* te Nijenhuis, J.
Nijhuis, A., ten Kate, H.H.J., Duchateau, J.L., Bruzzone, P. Coupling loss time constants in full-size Nb_3Sn CIC model conductors for fusion magnets 43867
Nijhuis, A. *see* Sumption, M.D. 43869
Nijhuis, J.A.G. *see* ter Brugge, M.H. 35104
Nijhuts, J.A.G. *see* ter Brugge, M.H. 35081
Nijim, Y.W., Stearns, S.D., Mikhael, W.B. Lossless compression of images using a hybrid transform/differentiation technique 5558
Nijmeijer, M.J.P., Landau, P. Simulation of optical fiber growth in three dimensions 55201
Nijs, J., Sivoththaman, S., Szlufcik, J., Poortmans, J., Mertens, R. Modern technologies for polycrystalline silicon solar cells 20038
Nijs, J. *see* Ghannam, M. 61085
Nijs, J. *see* Horzel, J. 39009
Nijs, J. *see* Krotkus, A. 51599
Nijs, J. *see* Poortmans, J. 32190
Nijs, J. *see* Sivoththaman, S. 39019
Nijs, J. *see* Vermeulen, T. 39027
Nijs, J.F. *see* Ghannam, M.Y. 31779
Nijs, J.F. *see* Ghannam, M.Y. 31797
Nikaaien, P. *see* Duernberger, P.M. 30077
Nikaido, N. *see* Dohi, H. 25726
Nikamura, Y. *see* Ogihara, M. 44296
Nikander, A., Lakervi, E., Lehtonen, V. Alternative applications for extinguishing of earth fault arc in medium voltage network 19316
Nikandrou, N. *see* Salous, S. 6599
Nikandrou, N. *see* Salous, S. 36045
Nikanorov, A.V. *see* Ostanin, S.Yu. 19702
Nikanorov, A.V. *see* Ostanin, S.Yu. 20101
Nikanorov, V.B., Ostanin, S.Yu., Shmeleva, G.A. Mathematical modelling of a hysteresis motor with a nonsinusoidal asymmetrical supply 9196
Nikanorov, V.B., Ostanin, S.Yu., Shmeleva, G.A. Software for calculating the characteristics of hysteresis electric motors 19699
Nikanorov, V.B., Ostanin, S.Yu., Shmeleva, G.A. Computer-aided modelling of a hysteresis motor and numerical analysis of its characteristics 29267
Nikanorov, V.B., Ostanin, S.Yu., Shmelyova, G.A. Computer-aided modelling of a hysteresis motor and investigation of its characteristics 9193
Nikanorova, E.A., Kotov, V.B. Layer-by-layer reading of information in bacteriorhodopsin-based 3D optical memory 55169
Niki, H. *see* Kotakemori, H. 588
Niki, H. *see* Sawami, H. 21122
Niki, H. *see* Usui, M. 21135
Niki, K. *see* Arai, S. 49038
Niki, K. *see* Kato, T. 57999
Niki, K. *see* Yoshikawa, S. 32965
Niki, N. *see* Kanazawa, K. 18384
Niki, N. *see* Kawata, Y. 28239
Niki, N. *see* Mino, K. 59500
Niki, N. *see* Mino, K. 59511
Niki, N. *see* Sammouda, R. 18249
Niki, N. *see* Sammouda, R. 28241
Niki, N. *see* Tozaki, T. 59516
Niki, N. *see* Ukai, Y. 8047
Niki, S. *see* Fons, P. 732
Niki, S. *see* Hellman, O. 727
Niki, S. *see* Yamada, A. 31924
Nikias, C.L. *see* Heidari, S. 14649
Nikias, C.L. *see* Jun Shen 4788
Nikias, C.L. *see* Lambert, R.H. 5699
Nikias, C.L. *see* Raspanti, R. 6878
Nikias, C.L. *see* Tsakalides, P. 15185
Nikias, C.L. *see* Tsakalides, P. 25037
Nikias, C.L. *see* Tsihrintzis, G.A. 6922
Nikias, C.L. *see* Tsihrintzis, G.A. 15149
Nikias, C.L. *see* Tsihrintzis, G.A. 48050
Nikias, C.L. *see* Xinyu Ma 4634
Nikias, C.L. *see* Xinyu Ma 15186
Nikias, C.L. *see* Xinyu Ma 25202
Nikias, N.L. *see* Tsihrintzis, G.A. 34878
Nikiel, S.S. Noise suppression based on the fractal dimension estimates 57225

Nikiforov, A.I., Markov, V.A., Pchelyakov, O.P. Effect of epitaxial film growth temperature on the period of the specular beam intensity oscillations in high-energy electron diffraction 21297
Nikiforov, A.P. *see* Obabkov, V.K. 38243
Nikiforov, A.P. *see* Obabkov, V.K. 60248
Nikiforov, A.Y., Mavritsky, O.B., Egorov, A.N., Figurov, V.S., Telets, V.A., Skorobogatov, P.K., Polevich, S.A. "RADON-5E" portable pulsed laser simulator: description, qualification technique and results, dosimetry procedure 44845
Nikiforov, A.Y., Poljakov, I.V. CMOS/SOS RAM transient radiation upset and "inversion" effect investigation 21678
Nikiforov, A.Y., Skorobogatov, P.K. Dose rate laser simulation tests adequacy: shadowing and high intensity effects analysis 22948
Nikiforov, I.V. Two strategies in the problem of change detection and isolation 34858
Nikiforov, V.F. *see* Anders, V.I. 11164
Nikiforov, V.O. *see* Drozdov, V.N. 61223
Nikiforova, I.O. *see* Drozd, V.E. 52718
Nikiforuk, P.N. *see* Liang Jin 56590
Nikishin, S.A., Antipov, V.G., Ruvimov, S.S., Seryogin, G.A., Temkin, H. Nucleation of cubic GaN/GaAs(001) grown by gas source molecular beam epitaxy with hydrazine 771
Nikishin, S.A. *see* Yang, J.W. 12341
Nikita, K.S. *see* Kaklamani, D.I. 45049
Nikitin, A.S., Nesmelov, E.A., Borisov, A.N. Theory of nonpolarizing dielectric mirrors 13781
Nikitin, A.S. *see* Nesmelov, E.A. 13782
Nikitin, A.V. *see* Grinev, S.N. 17232
Nikitin, A.V. *see* Kozlitin, A.I. 17789
Nikitin, I.P. *see* Meriakri, V.V. 14698
Nikitin, S. *see* Antipov, Yu. 37233
Nikitin, V.A. *see* Zubkov, A.A. 29039
Nikitin, V.V. *see* Khozhainov, A.L. 29797
Nikitina, I. *see* Dmitriev, V. 10880
Nikitina, N. *see* Makisimovich, N. 37614
Nikitina, N. *see* Vorotyntsev, V. 36759
Nikitina, Yu.M. *see* Pflueger, J. 33582
Nikitskiy, S., Tretyakov, O., Yemelyanov, K. An arbitrary signal propagation in waveguides 45318
Nikityuk, N.M. Precision microvertex detectors 49318
Nikkanen, H. Pragmatic approach to protect human assets in migration to object oriented analysis 35659
Nikkel, E. *see* Kim, I. 12790
Nikkel, E. *see* Small, M. 42721
Nikkinen, P. *see* Pohjonen, H. 28278
Nikl, M. *see* Auffray, E. 18084
Nikl, M. *see* Auffray, E. 37281
Niklach, N. *see* Marchal, N. 7006
Niklaus, T.R. *see* Sie, S.H. 49293
Nikles, D.E. General chemistry for an integrated freshman engineering curriculum 20686
Nikles, D.E. *see* Izatt, J.R. 20660
Nikmanesh, N. *see* Li, Y. 31608
Nikneshan, S. *see* Safavi-Naeini, S. 34276
Nikogosian, A.S., Laziev, E.M. Measuring the autocorrelation function of ultrashort light pulses intensity in the microwave spectral range 7558
Nikogossian, A.S., Laziev, E.M. Light USP autocorrelation function measurement in microwave band 17849
Nikogosyan, A.S., Laziev, E.M. Microwave-range determination of the autocorrelation function of the intensity of ultrashort light pulses 17843
Nikol, H. *see* Bechtel, H. 58942
Nikolaev, A.E., Ivantsov, V.A., Rendakova, S.V., Blashenkov, M.N., Dmitriev, V.A. SiC liquid-phase epitaxy on patterned substrates 10766
Nikolaev, E.I. *see* Dan'shin, N.K. 3165
Nikolaev, G., Uuemaa, O. Stimulated Raman light scattering by an atom near a macroscopic body with spectral peculiarities 33621
Nikolaev, I.P. *see* Larichev, A.V. 3476
Nikolaev, V. *see* Dmitriev, V. 10796
Nikolaev, V. *see* Dmitriev, V. 10880
Nikolaev, V.D. *see* Gureev, D.M. 39762
Nikolaev, V.D. *see* Zagidullin, M.V. 55487
Nikolaev, Yu.V., Vbyvanets, V.I., Suganeev, V.S., Dzhalandinov, D.N., Belousenko, A.P., Fedorova, V.N. Multi-purpose sulphur-sodium cell and mockup battery of twelve cells for electric car 19976
Nikolaev, Yu.V., Vybyvanets, V.I., Belousenko, A.P., Dzalandinov, D.N., Fedorova, V.N. Beta-alumina solid electrolyte parameters in as-fabricated condition and after tests in Na-Na cells 19977
Nikolaev, Yu.V. *see* Gontar, A.S. 20075
Nikolaev, Yu.V. *see* Gridnev, A.A. 28569
Nikolaev, Y.V. *see* Luchau, D.W. 18695
Nikolaidis, G. *see* Modeas, I. 26548
Nikolaidis, N., Pitas, I. Copyright protection of images using robust digital signatures 25400
Nikolaidis, S. *see* Bisdounis, I. 13130
Nikolaidis, S. *see* Bisdounis, L. 1315
Nikolaidou, M. *see* Anagnostopoulos, D. 47129
Nikolaiko, A.S. *see* Georgadze, A.Sh. 18101
Nikolajevic, S.V., Pekaric-Nad, N.M., Dimitrijevic, R.M. Optimization of cable terminations 50585
Nikolajevic, S.V., Pekaric-Nadj, N.M., Dimitrijevic, R.M., Djurovic, M. Modeling of cable terminations with embedded electrodes 19357
Nikolajevic, S.V., Stojanovic, B.B. The influence of water in XLPE cable conductor on XLPE insulation breakdown voltage and partial discharge 19341
Nikolajevic, V. *see* Kolundzija, B. 34243
Nikolic, K. *see* Sordan, R. 2730
Nikolic, N. *see* Kot, J.S. 45406
Nikolic, P.M., Vujatovic, S.S., Todorovic, D.M., Miletic, M.B., Golubovic, A., Bojicic, A.I., Kermendi, F., Duric, S., Radulovic, K.T., Elazar, J. Thermal and electronic transport properties of single crystal $PtSb_2$ obtained by the photoacoustic method 54130
Nikolic, Z., Dimitrijevic, B., Milosevic, N. Rejection of PSK interference in DS-SS/QPSK system using complex adaptive filter and nonlinear correlation receiver 47563
Nikolik, V. *see* Santic, A. 37599
Nikolin, I.B. *see* Gorban, A.P. 42330
Nikolopoulos, S.D., Samaras, G. Sub-optimal solutions to track detection problem using graph theoretic concepts 34766
Nikolos, D., Verges, H.T., Vazaios, A., Voulgaris, S. Yield-performance tradeoffs for VLSI processors with partially good two-level on-chip caches 31335
Nikolos, D., Vergos, H.T. On the yield of VLSI processors with on-chip CPU cache 21735
Nikolos, D. *see* Gizopoulos, D. 1236
Nikolos, D. *see* Gizopoulos, D. 21584
Nikolos, D. *see* Tsiatouhas, Y. 43257
Nikoloski, L.M., Hristovski, D.D. Drying of already impregnated oil-paper insulation 32723
Nikolov, G. On certain definite quadrature formulae 10440
Nikolov, L. *see* Milanova, M. 15893
Nikolov, V. *see* Sole, R. 682
Nikolov, V. *see* Sole, R. 10602
Nikolov, V.S. *see* Shumov, D.P. 43887
Nikolov, Z. *see* Pantchev, B. 23542
Nikolova, L. *see* Holme, N.C.R. 44758
Nikolova, M. Regularisation functions and estimators 57271
Nikonorov, N.V. *see* Dianov, E.M. 24177
Nikonorov, N.V. *see* Kolobkova, E.V. 55832
Nikonorov, V.V. *see* Gavrilenko, V.I. 54201
Nikonov, D.E., Scully, M.O., Kurizki, G. Free-electron laser without inversion via transverse momentum discrimination 33581
Nikonov, D.E., Scully, M.O., Lukin, M.D., Fry, E.S., Hollberg, L.W., Padmbandu, G.G., Welch, G.R., Zibrov, A.S. Lasing without inversion: a dream come true 13957
Nikonov, V.I. *see* Ivakhnik, V.V. 24211
Nikookar, H., Prasad, R. Multicarrier transmission with nonuniform carriers in a multipath channel 45513
Nikorich, A., Kantser, V., Nikorich, V., Constantinescu, D. Non-linear transport properties of PbTe<Ga> semiconductors 54129
Nikorich, V. *see* Nikorich, A. 54129
Nikoskinen, K.I., Lempiainen, J.J.A., Heiska, K.J.M. Beam diversity simulations in microcellular environment 35939
Nikoskinen, K.I. *see* Lempiainen, J.J.A. 45398
Nikoskinen, K.I. *see* Lindell, I.V. 14528
Nikpour, B., Landsberger, L.M., Haroun, B., Kahrizi, M. Processes to achieve vibrating beams for an angular rate measurement sensor 17283
Nikpour, B. *see* Naseh, S. 13189
Niksa, M. *see* Tseng, S. 29097
Niku, S.M., Adey, R.A. Computational aspect of the dual reciprocity method for dynamics 21199
Nikula, E., Malkamaki, E. High bit rate services for UMTS using wideband TDMA carriers 47722
Nikulainen, M. *see* Hallikainen, M. 18877
Nikulenkov, E.V. *see* Chugunov, A.A. 52910
Nikulin, A., Shikov, A., Vorobjova, A., Khlebova, N., Malafeeva, O., Pantsyrnyi, V., Silaev, A., Beliakov, N., Semin, M. The investigation of the effect of niobium artificial doping with titanium on Nb_3Sn superconductors properties 55098
Nikulin, A.Yu. New method for comprehensive phase-amplitude contrast imaging of the internal structure of matter using high-energy radiation 49354
Nikulin, S.P. Computer simulation of large-scale ion optics 22155
Nikulina, L.M. *see* Abroyan, I.A. 12138
Nikulina, L.M. *see* Titov, A.I. 54332
Nikultzev, V.S. *see* Belov, S.D. 16246
Nilaya, J.Padma *see* Padma Nilaya, J.
Niles, D. *see* Contreras, M.A. 39067
Niles, D. *see* Ramanathan, K. 39074
Niles, D.W., Contreras, M., Ramanathan, K., Noufi, R. Determination of the valence-band offset of CdS/CIS solar cell devices by target factor analysis 39073
Niles, D.W. *see* Schulz, D.L. 30859
Niles, L.C. *see* Chen, H.D. 54947
Nilesh J. Vasa, Morishita, K., Sakai, A., Okada, T., Maeda, M. Pulse compression of a Ti:sapphire laser by stimulated Brillouin scattering in liquid media 55560
Nilius, D. *see* Christie, B. 38531
Nilsen, J., Moreno, J.C., Da Silva, L.B., Barbee, T.W., Jr. Two-dimensional spatial imaging of the multiple-pulse-driven 196-Å neonlike germanium X-ray laser 33358
Nilsen, J. *see* Li, Y. 33354
Nilsen, J.E.O. *see* Gytre, T. 50108
Nilsen, R., Kasteenpohja, T. Direct torque controlled induction motor drive utilized in an electrical vehicle 51807
Nilsen, S. *see* Kim, I.S. 38518
Nilsen, S.H. *see* Martinsen, O.G. 59609
Nilson, D.G., Hill, D.N., Evans, J.C., Carlstrom, T.N., Hsieh, C.L., Stockdale, R.E. Thomson scattering stray light reduction techniques using a CCD camera 36663
Nilssen, R. *see* Nysveen, A. 50993
Nilsson, A. *see* Huynh, L. 35483
Nilsson, A. *see* Huynh, L. 46703
Nilsson, A. *see* Piehler, D. 36343
Nilsson, A.A. *see* Balay, R.I. 47470
Nilsson, A.A. *see* Cui, Z. 5826
Nilsson, A.A. *see* Kim, B. 25964
Nilsson, A.A. *see* Kim, B. 46749
Nilsson, A.A. *see* Ouyang, T. 47204
Nilsson, B.S. *see* Drevermann, H. 49338
Nilsson, F., Danielsson, P.-E. Finding the minimal set of maximum disks for binary objects 35274
Nilsson, H. *see* Reymann, D. 27374
Nilsson, H.-E., Sannemo, U., Zhang, T., Petersson, C.S. Hypertext self study material in solid state electronics 9867
Nilsson, J., Lee, Y.W., Kim, S.J. Robust dual-wavelength ring-laser based on two spectrally different erbium-doped fiber amplifiers 14007
Nilsson, J. *see* Lee, Y.W. 14001
Nilsson, J. *see* Paschotta, R. 23827
Nilsson, J. *see* Paschotta, R. 44387
Nilsson, J.O. *see* Vanderberg, B.H. 9440
Nilsson, M. *see* Steinvall, O. 8499
Nilsson, O., Sjelvgren, D. Hydro unit start-up costs and their impact on the short term scheduling strategies of Swedish power producers 50808
Nilsson, O., Sjelvgren, D. Variable splitting applied to modelling of start-up costs in short term hydro generation scheduling 60580
Nilsson, O. *see* Palm, T. 44082
Nilsson, P. *see* Blad, B. 8111
Nilsson, P. *see* Priotti, P. 26392
Nilsson, P.-A. *see* Dantsker, E. 23400
Nilsson, P.O. *see* He, Z.Q. 2121
Nilsson, S. *see* Kjebon, O. 44491
Nilsson, S. *see* Levin, K. 17427
Nilsson, S. *see* Lindgren, S. 33542
Nilsson, S. *see* Lourdudoss, S. 24014
Nilsson, S. *see* Rigole, P.-J. 14121
Nilsson, S. *see* Rigole, P.-J. 14156
Nilsson, S. *see* Rigole, P.-J. 58283
Nilsson, S. *see* Schatz, R. 55615
Nilsson, S.L. *see* Udren, E.A. 38417
Nilsson, S.L. *see* Udren, E.A. 38418
Nimmagadda, S., Moncayo, A., Dillon, J. Measurement, modeling and simulation of a high speed digital system using VNA and HSPICE 40774
Nimori, S. *see* Kido, G. 3300
Nimz, G. *see* Lechlein, H. 38667
Nin Hanben *see* Guo Baoping 17473
Ninagawa, N. *see* Yasui, K. 52821
Nindra, B. *see* Gao, G. 60675
Ning, T.H. 0.1 μm technology and BEOL [CMOS ICs] 43320
Ning, X.J. Distribution of residual stresses in boron doped p^+ silicon films 1988
Ning, X.J. Distribution of residual stresses in boron doped p^+ silicon films 23042
Ning, Y. *see* Lu, Y. 43727
Ning, Y.N., Liu, Y., Grattan, K.T.V., Rahman, B.M.A., Palmer, A.W. The limitations for suppressing modal noise induced in a graded-index multimode fibre in a white light interferometer 17447
Ning, Y.N. *see* Kemp, J. 48642
Ning, Y.N. *see* Marshall, R.H. 27553
Ning, Y.N. *see* Marshall, R.H. 36611
Ning, Y.N. *see* Qi Wang 17446
Ning, Y.N. *see* Shi, W.J. 48612
Ning Baojun *see* Mo Bangxian 31212
Ning Bi, Yingyong Qi Application of speech conversion to alaryngeal speech enhancement 34689
Ning Chang *see* Guiyun Tian 27476
Ning Chen An updated micromouse competition 20643
Ning Cheng *see* Cheng Ning
Ning Dai *see* Tamargo, M.C. 21243
Ning Feng *see* Feng Ning
Ning Ge *see* Ge Ning
Ning Gu, Feng Qian, Qinyue Hong, Zuhong Lu, Yu Wei, Xiangdong Yu, Li Pang, Zhongyi Zhang, Lixing Zhao, Haiping Zhang, Yang Kuan Liu Application of poly(methyl methacrylate) ultrathin resist supported by a flowing subphase method in electron-beam fabrication of a 4 in. high-resolution mask 42845
Ning Gu *see* Wu Lu 42800
Ning Hui *see* Xu Ri 29502
Ning Kong, Milstein, L.B. Performance of CDMA with mobile cells 6657
Ning Li, Adah, T., Xiao Liu Finite alphabets least relative entropy algorithm for channel equalization 56247
Ning Li *see* Li, X.R. 45839
Ning Li *see* Li Ning
Ning Liu *see* Liu Ning
Ning Pau Fiber interactions in a twisted fiber structure under tension 50183
Ning Taikang *see* Taikang Ning

Ning Tang *see* Tang Ning
Ning Wang, Hunter, T.R., Benford, D.J., Serabyn, E., Lis, D.C., Phillips, G., Moseley, S.H., Boyce, K., Szymkowiak, A., Allen, C., Mott, A.B., Gygax, J. Characterization of a submillimeter high-angular resolution camera with a monolithic silicon bolometer array for the Caltech Submillimeter Observatory 17015
Ning Wang, Liren Liu Hit-or-miss representation of a pattern spectrum and its optical implementation 15755
Ning Xi *see* Di Xiao 25500
Ning Xi *see* Ghosh, B.K. 25786
Ning Xi *see* Tzyh-Jong Tarn 25491
Ning Xie, Lei Zhou, Shengyu Jin, Ruibao Tao The studies on multiple metastable states in magnetic multilayer 32827
Ning Xie *see* Lei Zhou 43689
Ning Xie *see* Xie Ning
Ning Yan Zhu, Landstorfer, F.M. Numerical study of diffraction and slope-diffraction at anisotropic impedance wedges by the method of parabolic equation: space waves 56026
Ning Ye *see* Chuangtian Chen 14280
Ning Zhang *see* Zaibing Guo 43642
Ning Zhang *see* Zhang Ning
Ning Zhao-Yuan *see* Zhao-Yuan Ning
Ning Zhe *see* Zhe Ning
Ning Zhou, Krishnan, A. Numerical simulation of coupled heat transfer characteristics for flows at supercritical pressure [aircraft fuel flow] 28529
Ning Zhu, Yuanqing Ge, Rende Zhou, Xingzi Yang Design and analysis of loop code recognition circuits 53143
Ning-Cheng Lee *see* O'Hara, W.B. 10113
Ningjia Zhu *see* Taylor, R.P. 42074
Ninglong Lu *see* Jian-Ming Jin 45048
Ningning Li *see* Li Ningning
Ningping Fan Limits of lossless compression of digital cine angiograms: Markov models 49475
Ningsheng Li *see* Li Ningsheng
Ningsheng Wang *see* Wang Ningsheng
Ninkovic, P. *see* Janda, Z. 19873
Ninkovic, P. *see* Jankovic, M. 9382
Ninno, D. *see* Di Francia, G. 41817
Nino, E. *see* D'Emilia, G. 59030
Ninomija, S.P. *see* Funada, M.F. 59594
Ninomiya, H., Asai, H. Recurrent neural networks for digital sequential circuits 21649
Ninomiya, H., Nakamura, K. Ar_2^* excimer emission from a pulsed electric discharge in pure Ar gas 23731
Ninomiya, H., Onitsuka, T., Chung-Ho Chen, Kinukawa, N. Possible overlapping potentials of the auditory P50 in humans: factor analysis of middle latency auditory evoked potentials 59634
Ninomiya, H. *see* Kamio, T. 21859
Ninomiya, K., Kawachi, M., Yamaguchi, T., Sato, M., Tsukahara, K. On-orbit operation of free flyer SFU's navigation, guidance and control system 49906
Ninomiya, K. *see* Noguchi, K. 59885
Ninomiya, M. *see* Haiji, H. 23323
Ninomiya, T. High frequency switched resonant mode power conversion technologies. I. Resonant DC-to-DC converter technologies 51242
Ninomiya, T. *see* Inaba, M. 36499
Ninomiya, T. *see* Matsuyama, Y. 25469
Ninomiya, T. *see* Ohkubo, M. 40527
Ninomiya, T. *see* Saito, T. 27072
Ninomiya, T. *see* Tanaka, H. 51326
Ninomiya, T. *see* Uchiyama, S. 23971
Ninomiya, Y. *see* Takahashi, A. 25770
Ninov, V. *see* Saro, S. 37275
Nion Sock Chang *see* Maekawa, Y. 34090
Niones, C. *see* Anderson, H. 10115
Nipoti, R. *see* Bianconi, M. 54356
Nipoti, R. *see* Donolato, C. 39038
Nipoti, R. *see* Nylandsted Larsen, A. 42371
Nir, A. *see* Averbakh, A. 59085
Niranjan, T.N. *see* Aref, W.G. 48248
Nirasawa, H., Kawachi, T., Ogawa, T., Hori, M., Tomimatsu, N., Nakagawa, K., Ohzu, H., Yamazaki, Y. Stabilized matrix for molten carbonate fuel cell 19661
Nirei, K., Saito, H., Mochimaru, M., Ozawa, S. Human hand tracking from binocular image sequences 35370
Nirei, M. *see* Wakiwaka, H. 59019
Nirmal, M. *see* Harris, T.D. 2047
Nirmalathas, A., Liu, H.F., Ahmed, Z., Novak, D., Ogawa, Y. Subharmonic synchronous and hybrid mode-locking of a monolithic DBR laser operating at millimeter-wave frequencies 44506
Nirmalathas, A., Liu, H.F., Ahmed, Z., Pelusi, M., Novak, D. Subharmonic synchronous mode-locking of a monolithic DBR semiconductor laser 44583
Nisafi, A.M. *see* Boritko, S.V. 18959
Nisan, N. *see* Kremer, I. 35500
Nisancioglu, K. *see* Svensson, A.M. 29622
Nisch, W. *see* Mohr, A. 17564
Nishi, H., Amano, H., Nishimura, K., Anjo, K.-I., Kudoh, T. The RDT network router chip 43355
Nishi, H. *see* Inoue, W. 47275
Nishi, K., Ando, S., Aida, S. Optimum harmonics tracking filter for auditory scene analysis 15060
Nishi, K., Ohyama, H., Suzuki, T., Mitsuyu, T., Tomimasu, T. Determining the band discontinuities of ZnSe/GaAs and ZnMgSSe/GaAs heterojunctions using free electron laser 54170
Nishi, K. *see* Kai, K. 12958
Nishi, K. *see* Kobayash, T. 1455
Nishi, K. *see* Mitsuyu, T. 55918
Nishi, K. *see* Ohyama, H. 54331
Nishi, K. *see* Omori, T. 48795
Nishi, K. *see* Saito, H. 3880
Nishi, K. *see* Suzuki, K. 2543
Nishi, M. *see* Bruzzone, P. 55100
Nishi, M. *see* Kanai, Y. 22653
Nishi, M. *see* Nozawa, M. 43865
Nishi, S. *see* Iwatsuki, K. 16752
Nishi, S. *see* Iwatsuki, K. 26460
Nishi, S. *see* Katagiri, Y. 14122
Nishi, S. *see* Nitta, Y. 43141
Nishi, T. A theorem on an Ω-matrix which is a generalization of the P-matrix 1093
Nishi, T. A transistor circuit can possess infinitely many solutions on the assumption that the first and the second derivatives of V-I curves of nonlinear resistors are positive 1101
Nishi, T., Hanaoka, R., Miyamoto, T. Influence of applied impulse voltage on creeping discharges along aerial insulated wire 38389
Nishi, T. *see* Feng Lu 53536
Nishi, T. *see* Hanaoka, R. 23127
Nishi, T. *see* Hironishi, K. 16735
Nishi, Y. The development of lithium ion secondary batteries 9480
Nishi Tetsuo *see* Tetsuo Nishi
Nishibori, K., Okuma, S., Oshima, K., Eryu, Y., Ikegaya, Y. Position control of robot manipulators with ultrasonic motors using pulse width modulation 51066
Nishida, H. A structural analysis of curve deformation by discontinuous transformations 15892
Nishida, H. A structural approach to representation of curved objects 25557
Nishida, H. *see* Okada, Y. 50894
Nishida, I.A. *see* Noda, Y. 30710
Nishida, J. *see* Uchida, N. 32302
Nishida, K., Haneda, S., Hara, K., Munekata, H., Kukimoto, H. MOVPE of GaN using a specially designed two-flow horizontal reactor 40363
Nishida, K. *see* Kato, T. 51866
Nishida, K. *see* Momose, T. 36999
Nishida, K. *see* Shiraishi, T. 21709
Nishida, M. *see* Hagihara, Y. 41206
Nishida, M. *see* Inoue, N. 9697
Nishida, M. *see* Kasezawa, T. 48231
Nishida, M. *see* Ogawa, K. 9699
Nishida, M. *see* Tsutsumi, K. 9698
Nishida, S., Hosoba, M., Ando, M., Takumi, Y. Support of DICOM Standard and Common Standard 28068
Nishida, S., Nakamura, M., Suwazono, S., Honda, M., Shibasaki, H. Design of a morphological filter for extracting waveform characteristics from single sweep evoked potentials 49628
Nishida, S. *see* Horino, M. 28067
Nishida, S. *see* Miwa, S. 60955
Nishida, S. *see* Murata, M. 40547
Nishida, S. *see* Tanabe, T. 27667
Nishida, T. *see* Ibrahim, R.C. 2923
Nishida, T. *see* Iwazume, M. 6260
Nishida, T. *see* Junguo Xu 55058
Nishida, T. *see* Levy, C.E. 8051
Nishida, T. *see* Minami, M. 53300
Nishida, Y. Three-phase buck/boost-type high-power-factor switching converter 60891
Nishida, Y., Kanamori, T., Ohishi, Y., Yamada, M., Kobayashi, K., Sudo, S. Efficient PDFA module using high-NA PbF_2/InF_3-based fluoride fiber 33422
Nishida, Y., Nakaoka, M. Simplified predictive instantaneous current control for single-phase and three-phase voltage-fed PFC converters 38253
Nishida, Y., Ohgoe, Y., Nakaoka, M., Maeda, A. A simple three-phase boost-mode PFC rectifier 38819
Nishida, Y., Sone, K., Amano, K., Matsuba, S., Yukawa, A. An 8-bit 200 Ms/s 500 mW BiCMOS ADC 31346
Nishida, Y. *see* Makihara, M. 43995
Nishida, Y. *see* Shoji, T. 33111
Nishide, T. *see* Sato, M. 43881
Nishide, T. *see* Shibata, I. 43880
Nishie, M. *see* Takahashi, S. 58306
Nishigai, M. *see* Tamai, T. 27174
Nishigaki, A. *see* Yamamoto, Y. 35809
Nishigaki, K. *see* Minowa, M. 36582
Nishigaki, S. *see* Mizuta, M. 2877
Nishigaki, Y. *see* Hayashi, K. 61074
Nishigohri, M., Ishimaru, K., Takahashi, M., Unno, Y., Okayama, Y., Matsuoka, F., Kinugawa, M. Anomalous hot-carrier induced degradation in very narrow channel nMOSFETs with STI structure 43077
Nishiguchi, H. *see* Hayakawa, N. 13265
Nishiguchi, H. *see* Ishihara, T. 51530
Nishiguchi, I., Matsuzawa, H., Sasaki, I. A comparative study of magnetostatics using three-field and conventional vector potential formulations 44927
Nishiguchi, N. *see* Niino, T. 19776
Nishiguchi, S. *see* Shiomi, S. 37630
Nishihara, A., Sasaki, S., Ohsone, Y., Nakajima, T. Distribution of heat transfer coefficients from small surfaces cooled with submerged jets of fluorocarbon liquid determined by inverse analysis of heat conduction 282
Nishihara, A. *see* Cooklev, T. 25017
Nishihara, A. *see* Gottscheber, A. 31377
Nishihara, A. *see* Gottscheber, A. 34737
Nishihara, A. *see* Resende, F.G.V., Jr. 45763
Nishihara, A. *see* Sasao, K. 10136
Nishihara, A. *see* Sugino, N. 53324
Nishihara, A. *see* Watanabe, E. 34819
Nishihara, A. *see* Yagyu, M. 53440
Nishihara, H. *see* Asano, A. 51498
Nishihara, H. *see* Fujimura, M. 44690
Nishihara, H. *see* Kintaka, K. 14262
Nishihara, H. *see* Masalkar, P.J. 44011
Nishihara, H. *see* Masuda, K. 18359
Nishihara, H. *see* Ura, S. 7272
Nishihara, M., Katou, A., Nakai, H., Shimizu, M. LCD projector for workstation NX8000 58905
Nishihara, S. *see* Chang-Hun Kim 5308
Nishihara, S. *see* Tomimasu, T. 33583
Nishihara, T. *see* Hada, K. 38504
Nishihara, T. *see* Ishiyama, O. 54134
Nishihori, K. *see* Hirose, M. 43119
Nishihori, K. *see* Kitaura, Y. 43121
Nishii, K. *see* Yokoyama, T. 31528
Nishii, R., Tanaka, S. A new coefficient for accuracy assessment of land-cover classification based on Kullback-Leibler information 50021
Nishii, R. *see* Yoshikawa, M. 46386
Nishii, T., Nakamura, S., Takenaka, T., Nakatani, S. Performance of any layer IVH structure multilayered printed wiring board 11880
Nishii, T. *see* Kubota, T. 49428
Nishii, W. *see* Yagi, Y. 5325
Nishii, W. *see* Yagi, Y. 36680
Nishijima, K. *see* Sadahisa, T. 11934
Nishijima, K. *see* Sato, T. 40917
Nishijima, M. *see* Ariki, Y. 14925
Nishijima, M. *see* Yokoyama, T. 31528
Nishijima, S. *see* Kashima, T. 32938
Nishijima, S. *see* Moriyama, H. 32942
Nishijima, T., Hirasawa, S. On the multi-stage compression for built-in self-test using generator polynomials of iterated codes 31238
Nishijima, Y. *see* Ebe, H. 705
Nishijima, Y. *see* Maruyama, K. 704
Nishijima, Y. *see* Maruyama, K. 21286
Nishijima, Y. *see* Nishino, H. 807
Nishikata, S., Nakamura, M. Steady-state performance analysis of a parallel-running AC power system when loaded with a capacitor-filtered rectifier 51251
Nishikata, S. *see* Mizuno, T. 29755
Nishikata, S. *see* Sato, T. 60701
Nishikawa, A. *see* Oshiro, N. 56817
Nishikawa, H., Miyata, S., Yoshida, S., Muramatsu, T., Ishii, H., Kobayashi, H., Inoue, Y. A data-driven implementation of telecommunication network systems 57714
Nishikawa, H. *see* Ishii, K. 13207
Nishikawa, H. *see* Mukasa, K. 33245
Nishikawa, I. *see* Jing-Long Wu 27798
Nishikawa, J. *see* Kosugi, Y. 59508
Nishikawa, K., Toyoda, I., Kamogawa, K., Tokumitsu, T. Highly-integrated three-dimensional MMIC 31522
Nishikawa, K. *see* Asano, Y. 27053
Nishikawa, K. *see* Horita, E. 45993
Nishikawa, K. *see* Ohshima, S. 27054
Nishikawa, K. *see* Onodera, K. 21957
Nishikawa, K. *see* Sato, K. 14699
Nishikawa, K. *see* Suzuki, N. 58506
Nishikawa, K. *see* Tokumitsu, T. 31523
Nishikawa, K. *see* Toyoda, I. 31520
Nishikawa, K. *see* Tuda, M. 2336
Nishikawa, K. *see* Tuda, M. 42505
Nishikawa, K. *see* Watanabe, T. 35934
Nishikawa, M., Bessho, N., Natsui, T., Ohta, Y., Yoshida, N., Seo, D.-S., Iimura, Y., Kobayashi, S. A model of the unidirectional alignment accompanying the pretilt angle of a nematic liquid crystal (NLC), 5CB, oriented on rubbed organic-solvent-soluble polyimide film 23598
Nishikawa, M., Katagiri, Y., Hirayama, M. Vehicle information and communication system 27130
Nishikawa, M. *see* Amano, H. 10807
Nishikawa, N. *see* Fukunaga, K. 15745
Nishikawa, R.M. Comment on "Quantitative classification of breast tumors in digitized mammograms" [Med. Phys. 23, 1337-1345 (1996)] 49418
Nishikawa, R.M. *see* Giger, M. 57539
Nishikawa, R.M. *see* Krupinski, E.A. 28250
Nishikawa, R.M. *see* Yoshida, H. 28208
Nishikawa, S. Research on optimum tilt angle of a grounded solar PV array 29633
Nishikawa, S. *see* Matsuhashi, H. 2643
Nishikawa, S. *see* Tani, K. 54943
Nishikawa, S. *see* Yoshioka, H. 39168
Nishikawa, T., Yokota, M., Nakamura, S., Kadoya, Y., Yamanishi, M., Ogura, I. Influence of photon reabsorption on the transfer efficiency of output intensity in semiconductor microcavities 24043
Nishikawa, T. *see* Sunamoto, M. 11180
Nishikawa, W.T. *see* Chiang, P.K. 37980
Nishikawa, Y. Mobile robot system for transportation in the clean room 20813
Nishikawa, Y., Tackeuchi, A., Yamaguchi, M., Muto, S., Wada, O. Ultrafast all-optical spin

polarization switch using quantum-well etalon 58395
Nishikawa, Y. *see* Fukumoto, Y. 11855
Nishikawa, Y. *see* Jae-Eon Kim 28880
Nishikawa, Y. *see* Maekawa, S. 57531
Nishikawa, Y. *see* Takigawa, A. 28166
Nishiki, Y. *see* Katsuki, N. 54316
Nishikoori, H. *see* Oodo, M. 56122
Nishima, H. *see* Wakami, T. 55204
Nishimae, J. *see* Takenaka, Y. 20853
Nishimaki, J., Hono, K., Hasegawa, N., Sakurai, T. Three-dimensional atom probe analysis of Co-Cr-Ta thin film 3096
Nishimaki, T., Sakai, Y., Furudate, S. Safety handling of ^{125}I in animal experiments 59425
Nishimaru, Y. *see* Koide, T. 40795
Nishimata, T., Usui, H., Nakatani, H. Color management technology for color monitors 27786
Nishimichi, Y. *see* Kamiyama, H. 41250
Nishimiya, T. *see* Ganguly, G. 29630
Nishimori, K., Kikuma, N., Inagaki, N. Performance analysis of CMA adaptive array for QAM signals 26528
Nishimori, T., Sakamoto, H., Takakuwa, Y., Kono, S. Methane adsorption and hydrogen desorption kinetics during diamond gas source molecular beam epitaxy 40424
Nishimori, T. *see* Mizukami, Y. 60325
Nishimoto, H., Komeda, H., Mori, T., Yoshie, N., Ishimaru, H., Horihata, S., Hosoki, K., Fujieda, K., Hara, S. Development of the SUMINET-5910 MC optical information access-point system 58308
Nishimoto, K., Abe, S., Miyasato, T., Kishino, F. A system supporting the human divergent thinking process by provision of relevant and heterogeneous pieces of information based on an outsider model 35787
Nishimoto, M., Ikuno, H. Method of equivalent currents for calculation of surface diffraction by a smooth convex objects 4223
Nishimoto, M. *see* Kawano, M. 56008
Nishimoto, M. *see* Lai, R. 41496
Nishimoto, N. *see* Tamura, Y. 7084
Nishimoto, S. *see* Ando, K. 2794
Nishimoto, S. *see* Ando, K. 22619
Nishimoto, S. *see* Sone, S. 854
Nishimoto, S. *see* Yamaguchi, H. 41538
Nishimoto, S. *see* Yoshida, M. 11441
Nishimoto, T. *see* Fukushima, T. 1475
Nishimura, A. *see* Fukuda, Y. 2944
Nishimura, A. *see* Kitano, M. 30250
Nishimura, A. *see* Miura, H. 329
Nishimura, A. *see* Miura, H. 12631
Nishimura, A. *see* Tamura, H. 55130
Nishimura, A. *see* Tanaka, N. 30289
Nishimura, H. *see* Sato, K. 39393
Nishimura, H. *see* Tsukada, Y. 20859
Nishimura, J., Morishita, K. Control of spectral characteristics of dispersive optical fibers by annealing 33016
Nishimura, K., Maruyama, M., Sakamoto, H., Suzuki, H., Nakano, H. A double-layered disk array for quick-response video servers 7094
Nishimura, K., Nakata, S., Nakagawa, T. Optimization of the coil distribution of the deflection yoke for CRT 41801
Nishimura, K., Tanaka, H.T.. Active shape inferring based on the symmetry in stable poses–shape from function approach 5063
Nishimura, K., Tsutsumi, M. Scattering of millimeter waves by metallic strip gratings on an optically plasma-induced semiconductor slab 14578
Nishimura, K. *see* Inokawa, H. 2813
Nishimura, K. *see* Inoue, M. 43607
Nishimura, K. *see* Nishi, H. 43355
Nishimura, K. *see* Ohtomo, Y. 41103
Nishimura, K. *see* Shiojima, K. 22430
Nishimura, K. *see* Sugiyama, H. 58561
Nishimura, K. *see* Suzuki, H. 48229
Nishimura, K. *see* Ugai, Y. 40654
Nishimura, M. *see* Hano, M. 44881
Nishimura, M. *see* Iwashima, T. 43937
Nishimura, M. *see* Kakui, M. 47982
Nishimura, M. *see* Nakazato, K. 14017
Nishimura, M. *see* Nakazato, K. 26819
Nishimura, M. *see* Onishi, M. 16692
Nishimura, M. *see* Sato, M. 19281
Nishimura, M. *see* Suetsugu, Y. 55203
Nishimura, M. *see* Takemura, H. 31701
Nishimura, M. *see* Wakami, T. 55204
Nishimura, O. *see* Kobayashi, T. 5031
Nishimura, R., Asano, F., Suzuki, Y., Sone, T. Speech enhancement using spectral subtraction with wavelet transform 24811
Nishimura, S., Hai-Yun Jiang Gradient-based complex adaptive IIR notch filters for frequency estimation 53437
Nishimura, S., Sato, H. Eigenvalue expression for a batch Markovian arrival process 52423
Nishimura, S., Shimoura, H., Nagao, M., Tenmoku, K. Evaluation of an in-vehicle dynamic route guidance system 58128
Nishimura, S. *see* Chujo, T. 37284
Nishimura, S. *see* Fujita, T. 975
Nishimura, S. *see* Kaneyuki, K. 9677
Nishimura, T., Katayama, S., Yamamoto, N. Study on the subjective effects of color temperatures in general lighting for commercial spaces with miniature models 39410
Nishimura, T., Kojima, H., Ito, Y., Held, A., Nozaki, S., Nagaya, S., Oka, R. Effect of time-spatial size of motion image for localization by using the spotting method 5069
Nishimura, T., Oka, R. Towards the integration of spontaneous speech and gesture based on spotting method 25492
Nishimura, T. *see* Hamamoto, K. 49434
Nishimura, T. *see* Itoyama, K. 43459
Nishimura, T. *see* Iwamatsu, T. 53114
Nishimura, T. *see* Nagatsuka, K. 49433
Nishimura, T. *see* Oashi, T. 41171
Nishimura, T. *see* Sekiguchi, H. 20815
Nishimura, T. *see* Takebuchi, M. 42711
Nishimura, T. *see* Urushibata, H. 61077
Nishimura, T. *see* Yasuoka, A. 43013
Nishimura, T.B., Iwata, N., Takemura, K., Kuzuhara, M., Miyasaka, Y. $SrTiO_3$ capacitor with relative dielectric constant of 200 on GaAs substrate at microwave frequency 31490
Nishimura, T.H., Eguchi, T., Hirachi, K., Saito, M., Maejima, Y. An advanced transcutaneous energy transformer for a rechargeable cardiac pacemaker battery by using a resonant DC to DC converter 49784
Nishimura, T.H. *see* Hosokawa, H. 49608
Nishimura, T.Hiro *see* Hiro Nishimura, T.
Nishimura, Y., Sato, J., Haruki, N., Kogi, T., Okuno, Y., Takeda, H., Wakisaka, Y., Fujita, T. Development of generator-cooling hydrogen purity improvement system using hydrogen absorbing alloy 60455
Nishimura, Y., Tanahashi, I., Taniguchi, S., Matsumoto, N., Nakamura, K. A new concept for vehicle localization of road debiting system 23389
Nishimura, Y. *see* Haruyama, J. 13035
Nishimura, Y. *see* Hashizume, S. 21069
Nishimura, Y. *see* Matsutani, Y. 10300
Nishimura, Y. *see* Morimoto, Y. 9703
Nishimuta, I. *see* Igarashi, K. 50050
Nishina, E. *see* Oohashi, T. 49593
Nishina, T., Uchida, I. Optimization of cathode gas compositions for MCFC using simplified thin film model 51510
Nishina, T. *see* Choong-Gon Lee 29600
Nishina, T. *see* Choong-Gon Lee 51507
Nishina, T. *see* Shibuya, M. 19961
Nishinaga, T. *see* Hong-Wen Ren 10696
Nishinaga, T. *see* Ren Hongwen 10685
Nishinaga, T. *see* Shen, X.Q. 30781
Nishino, A. Capacitors: Operating principles, current market and technical trends 11756
Nishino, A. *see* Mineo, N. 16796
Nishino, A. *see* Yoshida, A. 11766
Nishino, H., Nishijima, Y. CdTe(111)B/Si(100) structure grown by metalorganic vapor phase epitaxy with Te adsorption and annealing 807
Nishino, H., Yang, W., Dohnalek, Z., Ukraintsev, V.A., Choyke, W.J., Yates, J.T., Jr. Silicon crystal heating and thermocouple mounting designs 48474
Nishino, H. *see* Ebe, H. 705
Nishino, H. *see* Maruyama, K. 704
Nishino, H. *see* Maruyama, K. 21286
Nishino, J., Kawarada, T., Ohshio, S., Saitoh, H., Maruyama, K., Kamata, K. Conductive indium-doped zinc oxide films prepared by atmospheric pressure chemical vapour deposition 52809
Nishino, J. *see* Koinuma, H. 52609
Nishino, K. *see* Kurai, S. 52588
Nishino, K. *see* Okada, T. 775
Nishino, K. *see* Ozaki, T. 18332
Nishino, K. *see* Suzuki, F. 7504
Nishino, S. *see* Ishiyama, O. 54134
Nishino, S. *see* Kitaoka, Y. 33081
Nishino, S. *see* Komma, Y. 4130
Nishino, S. *see* Komma, Y. 43909
Nishino, T. Progress in Nb-based low-temperature superconductive electronics for high-speed digital applications in Japan 32931
Nishino, T. *see* Beals, R. 31186
Nishino, T. *see* Guang-Pu Wei 7843
Nishino, T. *see* Hosoya, M. 47501
Nishino, T. *see* Kita, T. 31766
Nishino, T. *see* Kominami, S. 3292
Nishino, T. *see* Miyao, M. 10786
Nishino, T. *see* Takehana, M. 13055
Nishino, T. *see* Yoneda, N. 45348
Nishino, Y. *see* Nakadai, Y. 46956
Nishino, Y. *see* Zongtao Ge 7175
Nishinohara, K. *see* Fronckowiak, D. 32497
Nishio, G.-I. *see* Tsuchiya, T. 57782
Nishio, K., Yamamoto, H., Kanno, I., Kirnura, I., Nakagome, Y. A system for correlation measurement of fission fragments and prompt neutrons for thermal neutron induced fission 37467
Nishio, K. *see* Fujimoto, M. 29575
Nishio, K. *see* Miyake, Y. 19997
Nishio, K. *see* Nakamura, K. 5270
Nishio, K. *see* Nohma, T. 9522
Nishio, K. *see* Taniguchi, S. 51518
Nishio, K. *see* Yamauchi, J. 33011
Nishio, K. *see* Yamauchi, J. 55186
Nishio, K. *see* Yano, M. 60988
Nishio, M. *see* Nakajima, H. 7024
Nishio, N. *see* Hamada, K. 12690
Nishio, O. *see* Itaya, K. 3872
Nishio, S., Chiba, T., Matsuzaki, A., Sato, H. Preparation of polymer films by laser ablation of polyacrylonitrile: significant dependence on ablation wavelengths 902
Nishio, S., Kato, S., Matsuzaki, A., Sato, H., Kinoshita, H., Yata, S., Tanaka, K., Yamabe, T. Preparation of polyacenic semiconductive thin films by excimer laser ablation 40635
Nishio, S. *see* Hara, T. 35765
Nishio, S. *see* Kamahara, J. 6335
Nishio, T., Ikeda, H., Yoshida, H. New type of optical fiber data transmission system using AO mode space frequency modulator and LED 6770
Nishio, T., Matsuzaki, A. Transistor with temperature compensatory function for audio output 58591
Nishio, T., Omura, K., Hanafusa, A., Arita, T., Higuchi, H., Aramoto, T., Shibutani, S., Kumazawa, S., Murozono, M., Yabuuchi, Y., Takakura, H. Thin-film CdS/CdTe solar cell with 15.05% efficiency 39108
Nishio, T., Rabou, N.A., Ikeda, H., Yoshida, H., Sugimoto, Y., Satoh, T. New type of optical fiber SSB analog data communication system using edge-emitting LEDs coupled to single mode optical fibers 46995
Nishio, T. *see* Ishihara, T. 45931
Nishio, Y., Ushida, A. On synchronization phenomena in coupled chaotic circuit networks 1106
Nishio, Y. *see* Hamada, Y. 3638
Nishio, Y. *see* Kawata, J. 1107
Nishio, Y. *see* Kishida, J. 4957
Nishio, Y. *see* Moro, S. 21536
Nishio, Y. *see* Setou, Y. 1166
Nishio, Y. *see* Sugimoto, T. 1094
Nishio, Y. *see* Ushida, A. 4305
Nishio, Y. *see* Ushida, A. 52999
Nishio, Y. *see* Ushida, A. 53006
Nishio, Y. *see* Wada, M. 1115
Nishio, Y. *see* Yahata, H. 53296
Nishioka, H., Odajima, W., Tateno, M., Ueda, K., Kaminskii, A.A., Butashin, A.V., Bagayev, S.N., Pavlyuk, A.A. Femtosecond continuously tunable second harmonic generation over the entire-visible range in orthorhombic acentric $Gd_2(MoO_4)_3$ crystals 44652
Nishioka, H. *see* Kaminskii, A.A. 4012
Nishioka, H. *see* Kaminskii, A.A. 44738
Nishioka, K. *see* Shimogaki, Y. 54468
Nishioka, M., Schur, R., Kitamura, M., Watabe, H., Arakawa, Y. Light emission from vertical-microcavity quantum dot laser structures 14170
Nishioka, M. *see* Arakawa, Y. 22354
Nishioka, M. *see* Kitamura, M. 40480
Nishioka, M. *see* Schur, R. 55656
Nishioka, M. *see* Sogawa, F. 3879
Nishioka, N. *see* Kawabata, K. 48880
Nishioka, S. *see* Matsumoto, T. 35999
Nishioka, T., Kanamori, N., Sakaguchi, Y., Oohira, Y. Emergency text display unit 17638
Nishioka, Y. *see* Komeda, T. 54449
Nishioki, N. *see* Haijun Zhang 48892
Nishishita, J. *see* Nanto, H. 43901
Nishitani, H. *see* Sammouda, R. 18249
Nishitani, H. *see* Sammouda, R. 28241
Nishitani, K. *see* Hiyoshi, M. 51154
Nishitani, K. *see* Watanabe, K. 49212
Nishitani, T. *see* Krasilnikov, A.V. 49352
Nishitani, T. *see* Matsui, T. 15132
Nishitoba, M. *see* Yoshida, T. 29670
Nishitsuji, M., Masato, H., Morimoto, S., Inoue, K., Ota, Y. Ohmic metal self-aligned gate power double-hetero FET for unity supply voltage operation in digital cellular 2727
Nishitsuji, M. *see* Ishida, I. 41497
Nishitsuji, M. *see* Kitagawa, M. 21989
Nishitsuji, M. *see* Yokoyama, T. 31528
Nishiura, M. *see* Wada, M. 37186
Nishiura, Y. *see* Mori, H. 32979
Nishiwaki, F. *see* Kurishige, M. 9701
Nishiwaki, H., Asai, K., Tambo, T., Ueba, H., Tatsuyama, C., Hatta, A., Ito, T., Hiraki, A. Heteroepitaxy of GaS and GaSe on diamond and GaAs surfaces 30761
Nishiwaki, H. *see* Izumi, T. 795
Nishiwaki, M. *see* Iwakiri, T. 7087
Nishiwaki, S., Takahashi, J., Kodaira, K., Kishi, M. Morphotropic phase boundary and dielectric properties of V_2O_5-containing $Sr_xBa_{1-x}NbaO_6$ ($0.2 \leq x \leq 0.4$) ferroelectrics 2938
Nishiwaki, Y. Uncertainties under emergency conditions and possible application of fuzzy theory for nuclear safety 29022
Nishiya, K. *see* Daeseok Rho 60371
Nishiya, K. *see* Kuwayama, A. 38596
Nishiya, T. *see* Temmyo, J. 3848
Nishiya, T. *see* Temmyo, J. 23913
Nishiya, T. *see* Temmyo, J. 55696
Nishiyama, A., Arisumi, O., Yoshimi, M. Mechanism of the suppression of the floating-body effect for SOI MOSFETs with SiGe source structure 13002
Nishiyama, A. *see* Terauchi, M. 43300
Nishiyama, A. *see* Yoshimi, M. 11455
Nishiyama, A. *see* Yoshimi, M. 32410
Nishiyama, A. *see* Yoshimi, M. 42986
Nishiyama, E., Matsumura, M., Hirai, C. Endurance characteristics of internal reforming molten carbonate fuel cells 29604
Nishiyama, E. *see* Egashira, S. 4387

Nishiyama, F. *see* Narusawa, T. 30765
Nishiyama, H., Nakazoe, J. An efficient calculation of interconnect capacitance and characteristic impedance for coupled pairs of microstrip-like transmission lines 24513
Nishiyama, K. Power output characteristics on open cycle OTEC system producing fresh water 19629
Nishiyama, K. Power output characteristics on open cycle OTEC system using a direct contact condenser 19630
Nishiyama, K. A nonlinear filter for estimating a sinusoidal signal and its parameters in white noise: on the case of a single sinusoid 45941
Nishiyama, K. *see* Kawabata, T. 9746
Nishiyama, K. *see* Kawabatd, Y. 61110
Nishiyama, K. *see* Nakagawa, M. 17588
Nishiyama, M., Ogawa, K., Mochiku, T., Kadowaki, K. Direct evidence for the STM observation of CuO_2 plane in $Bi_2Sr_2CaCu_2O_{8+x}$ and possibility of new tunnel transistor operation 13054
Nishiyama, M. *see* Morita, S. 43906
Nishiyama, N. *see* Kuhara, Y. 58274
Nishiyama, T. *see* Ishikawa, Y. 16565
Nishiyama, T. *see* Yokoi, S. 16274
Nishiyama, Y. *see* Yamamoto, Y. 7926
Nishiyuki, H. *see* Urahama, K. 30681
Nishizaki, K. *see* Watanabe, M. 51501
Nishizawa, A. *see* Koga, H. 41166
Nishizawa, E. *see* Minagawa, H. 33856
Nishizawa, H., Obi, T., Yamaguchi, M., Ohyama, N. Hierarchical clustering method for the analysis of large amount of data 24995
Nishizawa, H. *see* Ikegami, K. 7792
Nishizawa, J., Kurabayashi, T. Reaction mechanisms of mono-molecular layer growth using chemical adsorption 798
Nishizawa, J., Takeda, N., Masuoka, F. Characteristics of silicon n^+-n^--n^+ diode with sub-micrometer n^- region 12878
Nishizawa, J. *see* Liu, Y.X. 12887
Nishizawa, K. A method to estimate results of unknown comparisons in binary AHP 52439
Nishizawa, K., Konishi, Y., Chiba, I., Katagi, T. A far-field radiation pattern measurement method for eliminating residual reflections by distance changing 56137
Nishizawa, K. *see* Ogasawara, T. 4941
Nishizawa, N. *see* Miyake, Y. 19997
Nishizawa, N. *see* Takano, Y. 51908
Nishizawa, S., Hashimoto, O. The FDTD analysis on reflection characteristics of metal plate which is smaller than lambda 33975
Nishizawa, S., Hashimoto, O., Tsuchida, W. A study of reducing peak local SAR of side part of human model using the permittivity shielding material 37913
Nishizawa, S., Uehara, M. High-resolution supertwisted nematic liquid crystal color displays 17646
Nishizawa, S. *see* Shimoyama, I. 28340
Nishizuka, N., Tahara, M., Ying Dan Li Pulse response analysis of three-winding hybrid-transformer compensated with balun 31552
Nisikawa, T. *see* Maekawa, Y. 11132
Nisimura, M. *see* Takemura, H. 53962
Nisituji, J. *see* Tominaga, S. 46081
Nisoli, M., De Silvestri, S., Svelto, O. Generation of high-energy 10-fs pulses by a new pulse compression technique 3805
Nisoli, M. *see* Leising, G. 23691
Nissel, M. *see* Hellendoorn, H. 46627
Nissel, T. *see* Gerber, R. 41807
Nissen, R. *see* Nguyen, K.B. 32401
Nissen, R.P. *see* Ray-Chaudhuri, A.K. 22719
Nissila, S. *see* Ruha, A. 37805
Nissim, Y. *see* Pepin, A. 10845
Nissim, Y. *see* Pepin, A. 42197
Nissopoulos, I.K. *see* Dimakis, C.E. 26621
Nissov, M. *see* Pedersen, R.J.S. 6750
Nistal, M.C. *see* Linares, J. 13675
Nistor, D. *see* Popescu, M.O. 2612
Nistor, L.C., Van Landuyt, J., Ralchenko, V.G., Obraztsova, E.D., Smolin, A.A. Nanocrystalline diamond films: transmission electron microscopy and Raman spectroscopy characterization 40644
Nitardy, J.H. *see* Bonebright, R.K. 49891
Nitatori, T. *see* Ichikawa, T. 7890
Nithiyanandam, N. *see* Frank, A.E.R. 6886
Nitishinski, M.S. *see* Barinov, N.U. 29386
Nitishinski, M.S. *see* Dolgachev, G.I. 19899
Nito, K. *see* Yasuda, A. 36820
Nitoh, O. *see* Emi, K. 7794
Nitsch, K. *see* Dziedzic, A. 36465
Nitsch, K. *see* Golonka, L.J. 36490
Nitsche, U. *see* Capellmann, C. 6299
Nitta, F., Nomura, S., Nakao, K., Wakahara, Y. Semi-automated test data generation and test results examination for testing of IN service software 35798
Nitta, H. *see* Kuriyama, T. 51873
Nitta, H. *see* Tsukagoshi, T. 51874
Nitta, J., Akazaki, T., Takayanagi, H., Enoki, T. Gate control of spin-orbit interaction in an inverted $In_{0.53}Ga_{0.47}As/In_{0.52}Al_{0.48}As$ heterostructure 42121
Nitta, K. *see* Hiraki, M. 11477
Nitta, K. *see* Kojima, H. 21710
Nitta, K. *see* Takagi, K. 53261
Nitta, S. *see* Itoh, T. 40610
Nitta, S. *see* Matsuki, H. 8138
Nitta, S. *see* Tanaka, A. 59793
Nitta, S. *see* Xin Xu 47514
Nitta, S. *see* Xu, X. 56064
Nitta, S. *see* Yoshizawa, M. 59792
Nitta, S.-I. *see* Matsuki, H. 8139
Nitta, S.-I. *see* Yoshizawa, M. 59797
Nitta, T., Okada, T., Shirai, Y., Kishida, T., Ogawa, Y., Hasegawa, H., Takagi, K., Matsumoto, H. Experimental studies on power system stability of a superconducting generator with high response excitation 60308
Nitta, T., Shirai, Y., Otoba, K. A method of simulation for power system characteristics including superconducting generator with high response excitation 28723
Nitta, T. *see* Hirose, M. 11683
Nitta, T. *see* Kitaura, Y. 43121
Nitta, T. *see* Nakanishi, H. 58307
Nitta, Y., Ohshima, T., Shigemasa, R., Nishi, S., Kimura, T. Control of electro-chemical etching for uniform 0.1 μm gate formation of HEMT 43141
Nitta, Y. *see* Sakashita, N. 1340
Nittono, T., Hyuga, F. X-ray diffraction analysis of InGaP/GaAs heterointerfaces grown by metalorganic chemical vapor deposition 32027
Nittono, T., Hyuga, F. Reduction of unintentional impurities at the interface between epitaxial layers and GaAs substrates 54426
Nittono, T. *see* Shiojima, K. 22430
Nitu, S. *see* Pavelescu, D. 29480
Nitu, V. The correlation between philosophy, science, energy and world sustainable civilization 38461
Nitusov, V.V. *see* Korobkov, V.V. 29094
Nitusov, V.V. *see* Korobkov, V.V. 38614
Nitz, W. Imaging sequences in magnetic resonance tomography and their clinical application. 2 49457
Nitzan, M., Babchenko, A., Milston, A., Turivnenko, S., Khanokh, B., Mahler, Y. Measurement of the variability of the skin blood volume using dynamic spectroscopy 7873
Nitzsche, G. *see* Hild, R. 44176
Nitzsche, G. *see* Hubner, H. 48881
Niu, G.F., Chen, R.M.M., Ruan, G. Comparisons and extension of recent surface potential models for fully depleted short-channel SOI MOSFET's 2637
Niu, G.F., Chen, R.M.M., Ruan, G. Comparison and generalization of recent surface potential models for fully depleted SOI MOSFETs 32428
Niu, G.F., Chen, R.M.M., Ruan, G. Building user-interface for heterogeneous network device simulation: experiences with MINIMOS 32432
Niu, G.F., Ruan, G., Chen, R.M.M. Further Comments on "Threshold voltage model for deep-submicrometer MOSFETs" and its extension to subthreshold operation 12929
Niu, H. *see* Chao, J.-H. 37925
Niu, S.S., Ljung, L., Bjorck, A. Decomposition methods for solving least-squares parameter estimation 583
Niu, W., Xu, C., Su, L. A study of highly sensitive In_2O_3 thin-film O_3 sensor 36744
Niu, Z. *see* Notzel, R. 44662
Niu Chunming *see* Chunming Niu
Niu Gang *see* Yu, D.C. 8956
Niu Hanben *see* Pan Dong 1911
Niu Hanben *see* Zhao Huijuan 44252
Niu Lirong *see* Wang Maosen 53677
Niu Meng-Nian *see* Meng-Nian Niu
Niu Mengnian, Ding Xinfang, Tong Qinyi A study of surface-site/recombination center model for electrolyte-insulator (Si_3N_4) interface 12964
Niu Xiaojuan *see* Xiaojuan Niu
Niu Zhichan *see* Zhichan Niu
Nivelle, F. *see* Frost, R. 8607
Niwa, A., Ohtoshi, T., Kuroda, T. Valence subband structures of (10$\bar{1}$0)-GaN/AlGaN strained quantum wells calculated by the tight-binding method 54218
Niwa, A. *see* Kondow, M. 30833
Niwa, A. *see* Ohtoshi, T. 12441
Niwa, E. *see* Mori, Y. 22289
Niwa, E. *see* Yonenaga, I. 2097
Niwa, H. *see* Nakao, S. 10790
Niwa, H. *see* Saitoh, K. 10757
Niwa, K. *see* Furuyabu, H. 61290
Niwa, K. *see* Nonaka, N. 37380
Niwa, M. *see* Araki, K. 32182
Niwa, S., Taketani, Y. Development of new series of aluminium solid capacitors with organic semiconductive electrolyte (OS-CON) 11759
Niwa, Y. *see* Murakami, K. 2947
Niwano, K. *see* Sato, H. 26526
Niwano, Y. *see* Fujita, K. 13866
Niwaya, H. *see* Tamura, Y. 7086
Nix, A. *see* Sun, Y. 47156
Nix, A.R., Athanasiadou, G.E., McGeehan, J.P. Predicted HIPERLAN coverage and outage performance at 5.2 and 17 GHz using indoor 3-D ray-tracing techniques 26118
Nix, A.R., Beach, M.A., Evei, C., Umebira, M., Araki, M. High performance wireless LANs for future multimedia communications 47210
Nix, A.R. *see* Fitton, M.P. 35989
Nix, W.D. *see* Gleixner, R.J. 42784
Nix, W.D. *see* Ozkan, C.S. 2079
Nix, W.D. *see* Ozkan, C.S. 54328
Nixon, M.R. *see* Gunn, S.R. 5418
Nixon, M.S. *see* Aguado, A.S. 5412
Nixon, M.S. *see* Gunn, S.R. 25625
Nixon, M.S. *see* Runnacles, B.S. 57504
Nixon, R.H., Kemeny, S.E., Pain, B., Staller, C.O., Fossum, E.R. 256x256 CMOS active pixel sensor camera-on-a-chip 27650
Niziol, S. *see* Barta, P. 23668
Nizovskii, V.L. *see* Golovanov, A.V. 29101
Niztaev, A. *see* Zilberstein, G.V. 23146
Njastad, O., Waadeland, H. Asymptotic properties of zeros of orthogonal rational functions 30560
Njastad, O. *see* Bultheel, A. 30558
Njastad, O. *see* Bultheel, A. 30579
Njastad, O. *see* Gonzalez-Vera, P. 510
Njau, E.C. Velocity characteristics of wind patterns in Tanzania 50683
Njoku, P.C., Chhabrar, C.N., Ridhma, A. Pulmonary physiology in clinical practice: dynamic framework of asthma study 7863
Njolstad, T., Aas, E.J. Power consumption and performance of low-voltage bit-serial adders 1292
N'kaoua, G. *see* Fremont, H. 53844
No, K. *see* Hong, S. 22642
No Jong-Seon *see* Jong-Seon No
No Kwang-Soo *see* Kwang-Soo No
No Kwangsoo *see* Kwangsoo No
Noach, S., Faraggi, E.Z., Cohen, G., Avny, Y., Neumann, R., Davidov, D., Lewis, A. Microfabrication of an electroluminescent polymer light emitting diode pixel array 17621
Noack, A. *see* Beck, M. 36120
Noack, F., Schmidt, F. Investigations of ageing of low-voltage varistors by impulsive loading 19403
Noack, F. *see* Petrov, V. 4038
Noack, F. *see* Petrov, V. 44626
Noack, M. *see* Grimmer, D. 29647
Noad, J.P. *see* Ersoni, M. 33065
Noad, J.P. *see* Ersoni, M. 36559
Noad, J.P. *see* Robitaille, L. 13895
Noah, J.O. A rational approach to testing MPEG-2 58018
Noakes, T.C.Q. *see* McConville, C.F. 12419
Noam, E.M., Singhal, A. Supra-national regulation for supra-national telecommunications carriers? 25994
Nobar, P.M., Crilly, A.J., Iynkaran, K. The increasing influence of computers in engineering education: teaching vibration via multimedia programs 20446
Nobayashi, M. *see* Ishiguro, F. 60359
Nobe, K. *see* Arcos, C. 30847
Nobe, T., Itagaki, Y., Tsuchida, H., Tonegawa, S., Suzuki, W. High-efficiency traveling wave tubes for earth stations 31715
Nobechi, T. *see* Kozuka, T. 7919
Nobile, A. Modern techniques for soldering by refusion 22068
Nobile, C. *see* Bolla, R. 47720
Nobili, M. *see* Dozov, I. 48764
Noblanc, O., Gaucher, P. PMN-PT ceramics for active vibration control 51436
Noble, K. *see* Unno, Y. 37395
Noble, P.J.W. Design for manufacture. The factors involved 41602
Noble, P.J.W. Linking design to manufacture–the problems 52127
Noble, R. *see* Palmer, R.B. 17924
Noble, R. *see* Palmer, R.B. 17966
Noble, R.J. *see* Mokhov, N.V. 18068
Nobles, P., Halsall, F. Delay spread measurements within a building at 2 GHz, 5 GHz and 17 GHz 34062
Nobles, P., Halsall, F. Spatial correlation analysis of indoor radiowave propagation measurements for wireless LANs 35775
Nobles, P. *see* Eyadeh, A. 35901
Noblett, P., Bennett, G., Ewbank, M., Rosker, M. Electro-optic tuning of optical parametric oscillators 55871
Nobori, T. *see* Ikeda, H. 59310
Noborikawa, M., Kina, Y., Nakao, Z., Chen, Y.-W., Tengan, T. CT image reconstruction by simulated annealing and exponential gray level growth 57433
Nobre, M.A.L. *see* Leite, E.R. 938
Nobuhara, S. *see* Yatsuzuka, M. 12090
Nobuhara, S. *see* Yatsuzuka, M. 12114
Nobuta, K. *see* Shiino, T. 11933
Nocera, D. *see* Rink, K. 4176
Nocetti, D.F.Garcia *see* Garcia Nocetti, D.F.
Nocham, G. *see* Kastner, R. 33986
Nochez, N. *see* Fracasso, B. 14472
Nocun, J. *see* Bednarek, B. 28018
Noda, A., Kohiro, K., Oda, O. Dislocation-free undoped semi-insulating GaAs epilayers prepared by chloride chemical vapor deposition and successive wafer annealing 52632
Noda, A., Takahashi, K., Isogai, T., Ikeuchi, T., Yoneda, I., Sasagawa, M., Konishi, C., Fujita, S. Fully integrated 10 Gb/s optical transmitter module and receiver module 26736
Noda, A. *see* Dewa, H. 37141
Noda, A. *see* Iwashita, Y. 49211
Noda, A. *see* Kapin, V. 49181
Noda, A. *see* Shirai, T. 37142
Noda, A. *see* Watanabe, T. 37036
Noda, H., Kawaguchi, E. Image reconstruction using two dimensional DFT in interpolative predictive coding 15471
Noda, H., Shirazi, M.N., Kawaguchi, E. An MRF model-based method for unsupervised textured image segmentation 5564

Noda, H. *see* Natsume, N. 9074
Noda, H. *see* Takahashi, M. 41075
Noda, K., Fujie, F., Shiozaki, M. Vehicle management system with differential GPS 58511
Noda, K., Nakazawa, T., Oyama, Y., Yamaki, D., Ikeda, Y. Electrical resistivity of ceramic insulators under irradiation using 14 MeV neutrons 54984
Noda, K. *see* Araki, N. 28410
Noda, K. *see* Bin Yu 2650
Noda, K. *see* Bin Yu 43045
Noda, K. *see* Fujikawa, H. 23115
Noda, K. *see* Hayashi, F. 41163
Noda, K. *see* Horiba, S. 1359
Noda, K. *see* Murakami, T. 49064
Noda, K. *see* Tokito, S. 13862
Noda, K. *see* Tokito, S. 44268
Noda, K. *see* Wann, C.H. 2642
Noda, M. *see* Kimura, T. 60541
Noda, M. *see* Tsukuda, N. 31763
Noda, O. *see* Taguchi, M. 26565
Noda, S. Frequency response of two dimensional LC circuit 1090
Noda, S. *see* Ahmadi, V. 44306
Noda, S. *see* Asada, M. 35223
Noda, S. *see* Imada, M. 44501
Noda, S. *see* Ishibashi, F. 29301
Noda, S. *see* Mitsuyu, T. 55918
Noda, S. *see* Ohta, T. 22681
Noda, T., Kanetani, T., Uchidat, K. FVTD analysis of metallic grating 24452
Noda, T., Nagaoka, N., Ametani, A. Fault-surge calculations using the phase-domain ARMA line model 28860
Noda, T., Ogawa, H., Noma, N., Shirota, Y. A novel yellow-emitting material, 5,5''-bis{4-[bis(4-methylphenyl)amino]phenyl}-2,2':5',2''-terthiophene, for organic electroluminescent devices 33278
Noda, T. *see* Ametani, A. 50506
Noda, T. *see* Mori, M. 33179
Noda, T. *see* Nagamune, Y. 12462
Noda, T. *see* Nakayama, T. 38675
Noda, T. *see* Narihiro, M. 22337
Noda, T. *see* Uchida, K. 24450
Noda, Y. Infrared optical fibers and their applications to sensing 33033
Noda, Y., Orihashi, M., Kaibe, H., Imai, Y., Shiota, I., Nishida, I.A. High efficient program and carrier concentration FGM thermoelectric materials in the intermediate temperature region 30710
Noda, Y., Wada, H., Sumita, J., Kashimoto, Y., Araki, Y., Ogura, I., Takada, K., Watanabe, M., Kuroda, H. Development of high-resolution ITV camera system [power system monitoring] 60960
Noda, Y., Yoshimi, M., Kohno, S. Electrical and optical properties of $CuInSe_2$ grown by travelling heater method using pure In and Cu-In alloy solvents 22281
Noda, Y. *see* Kitai, M. 46964
Nodaguchi, H. *see* Ohtani, H. 7080
Nodell, M. *see* Steyer, H.C., Jr. 6258
Noden, S.C. *see* Tyrer, J.R. 13943
Nodera, T. *see* Togashi, S. 46341
Nodine, C.F. *see* Liu, H. 5250
Noe, J.de La *see* de La Noe, J.
Noe, S., Bohme, H., Pilsinger, G., Schmidt, B. Empirical criterion for electrical breakdown in high-voltage vacuum insulations 23188
Noebauer, J. *see* Makino, S. 15013
Noel, E. *see* Moreau, O. 48838
Noel, J., Oklobdzija, V.G. New pipelined architecture for DSP 1480
Noel, J.-P., Melville, D., Jones, T., Shepherd, F.R., Miner, C.J., Puetz, N., Fox, K., Poole, P.J., Feng, Y., Koteles, E.S., Charbonneau, S., Goldberg, R.D., Mitchell, I.V. High-reliability blue-shifted InGaAsP/InP lasers 14098
Noel, J.-P. *see* Bhaumik, K. 2633
Noel, L., Marcenac, D., Wake, D. Optical millimetre-wave signal generation using an optically-injected DFB laser 23898
Noel, L. *see* Westbrook, L.D. 58295
Noel, M. *see* Fourmigue, J.-M. 32738
Noel, P. *see* Passernard, G. 40693
Noel, S. *see* Schindler, R. 39214
Noell, M. *see* Lucas, K.D. 13106
Noerpel, A.R. PACS: personal access communications systems an alternative technology for PCS 6590
Noetzel, J., Tonnesen, T., Benecke, W., Binder, J., Mader, G. Quasianalog accelerometer using microswitch array 13168
Nofal, M. Channel sharing policies for a mobile radio network providing wireless telephone and dispatch services 58173
Noffke, M. *see* Schulze, S. 23066
Nogaki, M. *see* Suginuma, Y. 53889
Nogami, J. *see* Glueckstein, J.C. 10844
Nogami, M. *see* Ichihangase, H. 58039
Nogami, M. *see* Makita, K. 52735
Nogami, M. *see* Yano, M. 60988
Nogami, Y. *see* Maruyama, K. 21286
Nogaret, A. *see* Itskevich, I.E. 22900
Nogaret, E., Stavrakakis, G., Kariniotakis, G., Lopes, J.A.P., Papadopoulos, M., Hatziargyriou, N., Androutsos, A., Papathanassiou, S., Halliday, J., Dutton, G., Gatopoulos, J., Karagounis, V. Development and implementation of an advanced control system for autonomous power systems including renewable power sources 19648
Nogaret, E.F. *see* Kariniotakis, G.N. 19652
Nogawa, H., Nakajima, Y., Sato, Y., Tamura, S. Acquisition of symbolic description from flow fields: a new approach based on a fluid model 25624
Nogawa, H. *see* Nakajima, Y. 25725
Noge, H. *see* Kadoya, Y. 31956
Noge, H. *see* Koshiba, S. 30773
Noge, H. *see* Tanaka, I. 52733
Noggle, T. *see* Bieser, F. 59307
Noghanian, S. *see* Shafai, L. 14706
Nogi, K. *see* Minagawa, H. 33856
Nogi, S. *see* Kagawa, T. 21517
Noginov, M.A., Caulfield, H.J., Venkateswarlu, P., Mahdi, M., Sorokina, I.T. Transient light induced grating study of excitation diffusion in $Y_3Sc_2Ga_3O_{12}$ laser crystals 14266
Noginov, M.A., Curley, M., Venkateswarlu, P., Jenssen, H.P. Excitation mechanism of the upper $^1D_2$ and $^3P_0$ levels in Tm:Yb:BaY_2F_8 laser crystal 3785
Noginov, M.A. *see* Fu, J. 33114
Noginov, M.A. *see* Kukhtarev, N. 24269
Noginov, M.A. *see* Noginova, N. 14441
Noginov, M.A. *see* Noginova, N. 14461
Noginov, M.A. *see* Noginova, N.E. 14455
Noginov, M.A. *see* Sorokina, I.T. 55581
Noginova, N., Kukhtarev, K., Bo Su Chen, Caulfield, H.J., Venkateswarlu, P., Noginov, M.A. Holographic photocurrent in photorefractive crystals 14461
Noginova, N., Kukhtarev, N., Noginov, M.A., Bo Su Chen, Caulfield, H.J., Venkateswarlu, P. Holographic-current study in laser and photorefractive crystals 14441
Noginova, N. *see* Kukhtarev, N. 24269
Noginova, N.E., Kukhtarev, N.V., Noginov, M.A., Bo Su Chen, Caulfield, H.J., Venkateswarlu, P. Holographic current study in laser and photorefractive crystals 14455
Nogoduyko, V.K. *see* Bairamov, B.H. 3745
Nogome, M., Kunihiro, K., Ohno, Y. Numerical simulation of drain lag in HJFETs with a p-buffer layer 13031
Nogome, M., Kunihiro, K., Ohno, Y. Numerical simulation of drain lag in HJFETs on hole-trap substrates 43115
Nogome, M. *see* Francis, P. 13030
Nogome, M. *see* Kunihiro, K. 43118
Nogotov, E.F. *see* German, M.L. 4230
Noguchi, A. *see* Ibuka, K. 8188
Noguchi, H., Kashida, M., Kubota, Y., Takarada, T. Diamond membrane for X-ray lithography 22683
Noguchi, H. *see* Morisue, M. 41088
Noguchi, H. *see* Yoshio, M. 60989
Noguchi, K., Kawakami, W. Optical digital cross-connect system for broadband WDM network reconfiguration using liquid-crystal optical multichannel switches 16736
Noguchi, K., Mizusawa, M., Yamaguchi, T., Okumura, Y. Numerical analysis of the radiation characteristics of the meander line antennas consisting of two strips 34315
Noguchi, K., Sasaki, M., Yanagi, S., Yuge, T. Reliability of connected-(r, s)-out-of-(m,n): F system 52378
Noguchi, K., Sato, K., Kasikawa, R., Ogura, N., Ninomiya, K., Hasimoto, T., Hirokawa, E. CCD star tracker for attitude determination and control of satellite for space VLBI mission 59885
Noguchi, K. *see* Kato, K. 3434
Noguchi, K. *see* Muramoto, Y. 23683
Noguchi, K. *see* Nomura, K. 17103
Noguchi, M. *see* Haikawa, Y. 27194
Noguchi, M. *see* Nayar, S.K. 17544
Noguchi, N. *see* Yasui, M. 58132
Noguchi, S. Superconducting cavities. II. Couplers and tuners 37052
Noguchi, S., Ishiyama, A. Optimal design method for MRI superconducting magnets with ferromagnetic shield 43860
Noguchi, S. *see* Aita, K. 22691
Noguchi, S. *see* Ideguchi, T. 35513
Noguchi, S. *see* Ito, N. 49166
Noguchi, S. *see* Ohshima, Y. 18083
Noguchi, T., Deguchi, K. Visual servoing without feature correspondences using eigenspace method 15487
Noguchi, T., Hase, T., Miyasaka, Y. Analysis of the dependence of ferroelectric properties of strontium bismuth tantalate (SBT) thin films on the composition and process temperature 2906
Noguchi, T., Tomiki, H., Kondo, S., Takahashi, I. Direct power control of PWM converter without power source voltage sensors 29451
Noguchi, T., Yamada, K., Kondo, S., Takahashi, I. Rotor position estimation method of sensorless PM motor at rest with no sensitivity to armature resistance 50932
Noguchi, T., Yamada, K., Kondo, S., Takahashi, I. Quick-response torque control of induction motor with robustness against variations of primary and secondary resistances 60744
Noguchi, T. *see* Baba, H. 49065
Noguchi, T. *see* Irimajiri, Y. 60067
Noguchi, T. *see* Kakizaki, K.-I. 56139
Noguchi, T. *see* Miyamoto, T. 58547
Noguchi, T. *see* Nagata, H. 26816
Noguchi, T. *see* Shengcai Shi 58517
Noguchi, Y., Messerschmitt, D.G., Shih-Fu Chang MPEG video compositing in the compressed domain 5148
Noguchi, Y. *see* Wakita, K. 26832
Noguchi, Y. *see* Yoshimoto, N. 22405
Noguchi Toshihiko *see* Toshihiko Noguchi
Nogueira, A.F.L. Limitations of the conventional methods of force and torque prediction 50882
Nogueira, G.E.C. *see* Ranieri, I.M. 10604
Nogueira, J. *see* Mariao, P. 26208
Nogueira, J.M.S., Meira, D.M. The SIS project: a distributed platform for the integration of telecommunication management systems 35602
Nogueira, J.S., Mattoso, L.H.C., Faria, R.M. AC conductivity behavior of poly(o-methoxyaniline) 32612
Nogueira, J.S.M. *see* Silva, R.G.R. 46912
Nogueira Lima, A.M. *see* Jacobina, C.B. 29296
Noguera-Puig, F. *see* Sole-Pareta, J. 47324
Nogueras, A. *see* Hansen, K. 6487
Nogues, G. *see* Chardonnet, Ch. 36362
Nogues, M. *see* Nicoara, G. 55036
Noh, D.S., Kim, J.W., Kim, S.J., Cho, W.H., Doh, Y.H. Multiplexed symbolic substitution based on optical correlator for optical parallel addition with redundant binary number 13748
Noh, D.S. *see* Kim, C.S. 3348
Noh, D.S. *see* Lee, S.H. 15798
Noh, H.S. *see* Suh, K.S. 32743
Noh, M.D., Maslen, E.H. Self-sensing magnetic bearings using parameter estimation 23391
Noh, M.D. *see* Maslen, E.H. 13475
Noh, S.-K. *see* Lee, C.-R. 30792
Noh, S.K. *see* Lee, C.D. 42108
Noh, T.H. Reconfiguration for service and self-healing in ATM networks based on virtual paths 46600
Noh, T.W., Kim, D.W., Jo, W., Byun, Y.T., Kim, S.H. Growth of an epitaxial $Bi_4Ti_3O_{12}$/CeO2/MgO heterostructure for waveguide applications 21298
Noh, T.W. *see* Bae Ho Park 52676
Noh, T.W. *see* Kyoung Ha Kim 2056
Noh, T.W. *see* Park, B.H. 43483
Noh, Y.C., Choi, S.D. TM scattering from a hollow slotted circular cylinder with thickness 56031
Noh Bongnam *see* Bongnam Noh
Noh Duck Soo *see* Duck Soo Noh
Noh Jaewoo *see* Jaewoo Noh
Noh Sam Kyu *see* Sam Kyu Noh
Noh Sam-Kyu *see* Sam-Kyu Noh
Noh Yong Deok *see* Yong Deok Noh
Nohama, P., Cliquet, A., Jr. A solution for linearity, stability and frequency bandwidth in PAM electrocutaneous stimulators' isolation interface 8084
Nohama, P. *see* Marchesi, B. 28277
Nohara, H. *see* Nojiri, K. 60231
Nohara, N. *see* Murayama, H. 37756
Nohara, T., Tanaka, H., Ishii, H., Miyagashi, O., Yamada, M. An environment for supporting cooperative operation over multiple networks 35597
Noharet, B. *see* Michie, C. 17454
Noharet, B. *see* Wosinski, L. 5204
Nohava, J. *see* Fulkerson, D. 40989
Nohava, J. *see* Morgan, R.A. 47953
Noheda, B., Gonzalo, J.A., de Frutos, J., Gonzalez, A., Moure, C. Thermal expansion anomalies at the antiferroelectric-ferroelectric (F_{RL}), ferroelectric (F_{RL})-ferroelectric(F_{RH}) and ferroelectric (F_{RH})-paraelectric transitions in $PbZr_{1-x}Ti_xO_3$ (0)<x<0.35 23172
Nohguchi, K. *see* Teshima, H. 43742
Nohira, H., Sekikawa, H., Matsuda, M., Hattori, T. Effect of chemical preoxidation treatment on the structure of SiO_2/Si interfaces 2380
Nohira, H. *see* Hattori, T. 2377
Nohma, T., Yoshimura, S., Nishio, K., Yamamoto, Y., Fukuoka, S., Hara, M. Development of coin-type lithium secondary batteries containing manganese dioxide/Li-Al 9522
Nohma, T. *see* Fujimoto, M. 29575
Nohma, T. *see* Kurokawa, H. 38942
Nohmi, H. *see* Nagata, H. 8314
Nohr, W.-D., Hanke, G. Reverse beam-lead interconnections for ultra high-speed multichip applications 314
Nohre, R. Deformed template matching by the Viterbi algorithm 35030
Nohtomi, A., Sakae, T., Matoba, M., Koori, N. Transition condition to the SQS mode of gas counters for heavy charged particles 59302
Nohtomi, A. *see* Javanmardil, F. 59285
Nohtomi, A. *see* Murohka, H. 59271
Nohtomi, A. *see* Uozumi, Y. 49315
Noirard, P. *see* Morucci, S. 24283
Noirie, L., Vidakovic, P., Levenson, J.A. Squeezing due to cascaded second-order nonlinearities in quasi-phase-matched media 33630
Noji, K. *see* Ohtsuka, T. 52024
Noji, T., Shimizu, K., Hamada, H., Nakamura, A. Design and implementation of synthesis prediction in RTL design 21428
Nojima, K. *see* Kawashima, S. 16710
Nojima, K. *see* Mizuno, K. 60950
Nojima, K. *see* Vachev, V.D. 55837
Nojima, R. *see* Tachibana, M. 21610
Nojima, S. Trend in networking technology with ATM 35744
Nojima, S. *see* Takezawa, N. 48966
Nojima, T. *see* Narahashi, S. 45505
Nojima, T. *see* Taki, M. 6501

Nojiri, H. *see* Miura, N. 2198
Nojiri, K., Kikuchi, T., Nakagawa, H., Goto, M., Nohara, H. Improvement of power system stability by high speed power control of adjustable speed machine 60231
Nojiri, K. *see* Kawamoto, S. 28790
Nojiri, K. *see* Kawamoto, S. 38268
Nojiri, K. *see* Kita, T. 28762
Nojo, H., Kodera, M., Nakata, R. Slurry engineering for self-stopping, dishing free SiO_2-CMP 42553
Nojo, S. *see* Hayashi, Z. 16072
Nokali, M.A.El *see* El Nokali, M.A.
Nokl, D. PowerPC–the best choice processor for real-time applications 11507
Nokleby, J.E. *see* Runde, M. 51426
Nolan, A. The Brazilian beat: orchestrating investments to match restructuring 8780
Nolan, D.A. *see* Alexandrov, I.V. 24091
Nolan, K. *see* Carlisle, J.C. 50542
Nolan, K. *see* Carlisle, J.C. 50543
Nolan, M. A commercial, structured approach to diagnostics design 36409
Nolan, M., Tremblay, R. A new computer-based, objective measurement system for compressed audio using perceptual analysis on short interval test signals 36335
Nolan, M. *see* Carroll, K. 36411
Nolan, R. Advanced driver packaging in display products 186
Nolas, G.S., Harris, V.G., Tritt, T.M., Slack, G.A. Low-temperature transport properties of the mixed-valence semiconductor $Ru_{0.5}Pd_{0.5}Sb_3$ 2082
Nolden, F. *see* Steck, M. 37080
Nolden, F. *see* Stohlker, Th. 7727
Nolen, J. *see* Harss, B. 49275
Nolen, J. *see* Zinkann, G.P. 49144
Nolen, J.A. Overview of linac applications at future radioactive beam facilities 37012
Nolhier, N., Charitat, G., Zerrouk, D., Rossel, P. Self-shielded high voltage SOI structures for HVICs 43208
Noll, D.C. *see* Eddy, W.F. 8035
Noll, D.C. *see* Eddy, W.F. 28170
Noll, E.D., Kowalski, L. Capacitors in series: a laboratory activity to promote critical thinking 9929
Noll, J., Wooding, M., Attema, E. Snow and ice observations during the European Multi-sensor Airborne Campaign in 1995 18876
Noll, J. *see* Lambert, G. 5560
Noll, P. *see* Cluver, K. 34709
Noll, P. *see* Purat, M. 14823
Noll, R. *see* Sturm, V. 3375
Noll, T.E., Jayaraj, K., Farrell, B., Larmouth, R.S. A low-cost near-hermetic multichip module based on liquid crystal polymer dielectrics 1887
Noll, T.E., Jayaraj, K., Farrell, B., Larmouth, R.S. A low cost, near hermetic multichip module based on liquid crystal polymer dielectrics 52237
Noll, T.E., Jayaraj, K., Farrell, B., Perkins, T., Glynn, D. A low-cost phased array antenna packaging technology 45465
Noll, T.G. *see* Brenner, A.R. 28116
Nollau, V. The Bellman equation for vector-valued semi-Markovian dynamic programming 10344
Nolle, T. Overcoming cellular deja vu 6630
Nolle, T. Switching: in search of the hassle-free network 57797
Nolle, T.L. AIN and ATM: collision or coexistence 16378
Noller, F. *see* Kastle, S. 37604
Nollo, G. *see* Porta, A. 49636
Nolte, D.D., Lahiri, I., Melloch, M.R. Reflection-geometry photorefractive quantum wells 12426
Nolte, D.D., Lahiri, I., Melloch, M.R. Volume reflection gratings in photorefractive quantum well thin films 14432
Nolte, D.D. *see* Brubaker, R.M. 2175
Nolte, D.D. *see* Chen-Chia Wang 42228
Nolte, D.D. *see* Kwolek, K.M. 14457
Nolte, D.D. *see* Lahiri, I. 12406
Nolte, D.D. *see* Lahiri, I. 14247
Nolte, D.D. *see* Melloch, M.R. 10695
Nolte, L. *see* Qing Hang Li 18219
Nolte, L.-P. Computer assisted orthopaedic surgery (CAOS)–a generalised concept and early clinical experience 37843
Nolte, L.W., Shorey, J.A. A posteriori probability source localization in an uncertain shallow water environment (Hudson Canyon) 16991
Nolte, L.W. *see* Book, P.J. 36273
Nolte, M.J. *see* Coetzer, J. 38951
Nolting, F., Schurr, J., Kundig, W. A new experiment to measure G by means of a beam balance 27386
Nolting, H.-P., Gravert, M., Bachmann, M., Renaud, M. Crosstalk reduced digital optical switch with single electrode designed for InP 47935
Nolting, H.-P., Gravert, M., Reden, W.V. Y-branch–the key component for crosstalk reduced optical switches: modelling analysis 55252
Nolting, H.-P. *see* Morl, L. 13655
Noma, M. *see* Tsukahara, M. 59277
Noma, M. *see* Young-Jae Cho 44266
Noma, N. *see* Noda, T. 33278
Nomamoto, H., Nakanishi, T. Recognition of automobiles by analyzing the brightness distribution of TV image 48261
Nomicos, C. *see* Cavouras, D. 28276
Nomicos, C. *see* Kandarakis, I. 28290
Nomicos, C.D. *see* Cavouras, D. 8027
Nomiyama, T. *see* Teramura, M. 21817
Nomizu, S., Yin, J., Nakano, Y., Ogawa, K., Matsuda, J. Reconstruction of magnetic fields by reflection electron beam tomography 7531
Nomizu, S. *see* Yin, J. 55060
Nomood, R.A. *see* Eldada, L. 55346
Nomoto, K. Vehicular information terminal equipment utilizing pager functions 26415
Nomoto, K., Suzuki, T., Taira, K., Hase, I. Tunneling spectroscopy of quantum dots using sub-micrometer-diameter $Al_xGa_{1-x}As$-GaAs triple-barrier diodes 42921
Nomoto, K., Taira, K., Suzuki, T., Hase, I., Hiroshima, H., Komuro, M. Diameter dependence of current-voltage characteristics of ultrasmall area AlSb-InAs resonant tunneling diodes with diameters down to 20 nm 42934
Nomoto, M. *see* Matsuyama, Y. 25469
Nomoto, Y. *see* Kanazawa, S. 33838
Nomura, A. *see* Kobayashi, F. 839
Nomura, A. *see* Shibata, K. 27064
Nomura, C.S. *see* Reay, R.J. 23373
Nomura, E. *see* Fujita, J. 32287
Nomura, E. *see* Yamashita, H. 22703
Nomura, E. *see* Yamashita, H. 32261
Nomura, H. *see* Kaiho, K. 55074
Nomura, H. *see* Kikuchi, Y. 31256
Nomura, H. *see* Kikuchi, Y. 32292
Nomura, H. *see* Sunouchi, K. 41169
Nomura, I., Kishino, K., Kikuchi, A. Theoretical estimation of threshold current of cubic GaInN/GaN/AlGaN quantum well lasers 33577
Nomura, I., Sato, M. Control ICs for DC-DC converter with synchronous rectifier 40879
Nomura, K., Ueda, Y., Noguchi, K. A study on technology for optimization of tape loading 17103
Nomura, K. *see* Hata, H. 61324
Nomura, K. *see* Kumakura, H. 55082
Nomura, M., Sawabe, T., Fujii, T., Ono, S. Design of parallel signal processing system for real-time SHD image processing 5548
Nomura, M. *see* Eki, Y. 60545
Nomura, M. *see* Ichinose, N. 2916
Nomura, M. *see* Oka, K. 17677
Nomura, M. *see* Sano, K. 10887
Nomura, M. *see* Tanaka, S. 38628
Nomura, S., Isshiki, H., Aoyagi, Y., Sugano, T. Magnetic field effects in p-type modulation-doped GaAs quantum wires 12454
Nomura, S. *see* Fukuda, H. 32165
Nomura, S. *see* Nitta, F. 35798
Nomura, S. *see* Seo, H. 48727
Nomura, T., Wayashi, M., Yasuda, T. Measurement of SAW velocity using impulse system and its application on NDE 13396
Nomura, T. *see* Ishikawa, K. 2948
Nomura, T. *see* Lawrence, A. 11304
Nomura, T. *see* Nagasaki, T. 52179
Nomura, T. *see* Taumi, S. 15058
Nomura, T. *see* Yamamatsu, J. 11764
Nomura, Y., Zhang, D., Sakaida, Y., Fujii, S. 3-D object pose estimation based on iterative image matching: Shading and edge data fusion 5121
Nomura, Y. *see* Kajikawa, Y. 11586
Nonaka, I., Torihata, S., Muramatsu, T., Kihara, S., Umaki, H. Recent techniques for residual life assessment of aged fossil power materials 19542
Nonaka, K. *see* Kume, T. 4137
Nonaka, K. *see* Tadokoro, T. 44574
Nonaka, N., Itoh, K., Nakamura, M., Niwa, K., Yamamoto, K., Ishikawa, Y. An APD linear array for scintillating fiber tracker read-out 37380
Nonaka, S. Investigation of equivalent circuit quantities and equations for calculation of characteristics of single-sided linear induction motors (LIM) 29345
Nonaka, S. Current control method for a novel single-phase sinusoidal PWM voltage source inverter 51184
Nonaka, S. *see* Nakajima, M. 46098
Nonaka, S. *see* Unuma, M. 50682
Nonaka, S. *see* Yoshida, A. 11766
Nonami, K. *see* Sivrioglu, S. 43732
Nong Sang, Tianxu Zhang, Wei Li, Guoyou Wang A fast and effective algorithm for radar to optical scene matching based on the knowledge of object region 15764
Nong Ye The presentation of knowledge and state-information for system fault diagnosis 30392
Nongqi Ben *see* Ben Nongqi
Nonin, K. *see* Serizawa, M. 6312
Nonnenmacher, J., Biersack, E.W. Reliable multicast: Where to use FEC 5860
Nono, M.C.A. *see* Corat, E.J. 30904
Nono, M.C.A. *see* Ueda, M. 28010
Nonoda, Y. *see* Arai, F. 58688
Nonomura, T., Uehara, Y., Hirate, M., Matsumoto, K., Yamashita, A. Elevator AV information system 36349
Nonoyama, S., Nakamura, A. Quantum interference effects of electrons scattered by antidots in magnetic fields 54228
Noojin, G.D. *see* Hammer, D.X. 59779
Noonan, C.A., Orford, K.J. Entropy measures of multi-sensor fusion performance 34744
Noonan, J.P. *see* Polchlopek, H.M. 45866
Noonan, P. *see* O'Keefe, M.F. 53599
Noonan, T.J. Refurbishment versus replacement of in-service aged transformers 19801
Noor Mohammad, S. *see* Stengel, F. 2671
Noordegraaf, A.V., Kunst, P.W.A., Janse, A., Smulders, R.A., Heethaar, R.M., Postmus, P.E., Faes, T.J.C., de Vries, P.M.J.M. Validity and reproducibility of electrical impedance tomography for measurement of calf blood flow in healthy subjects 49717
Noorlag, D.J.W. *see* Gronowski, P.E. 1444
Nooshabadi, S., Montiel-Nelson, J.A., Visweswaran, G.S., Nagchoudhurhi, D. Micropipeline architecture for multiplier-less FIR filters 53428
Nooshabadi, S. *see* Eshraghian, K. 53316
Noponen, A.-L. *see* Lukkarinen, S. 28097
Noponen, T. *see* Heikonen, J. 29532
Nopp, P., Zhao, T.X., Brown, B.H., Wang, W. Cardiac-related changes in lung resistivity as a function of frequency and location obtained from EITS images 18463
Nopp, P. *see* Brown, B.H. 18454
Nopp, P. *see* Tian-Xian Zhao 18464
Noras, J.M. *see* Guerrero, F. 14815
Noras, M. *see* Mazurek, B. 22162
Norbiato, A. *see* Steffenino, G. 8185
Norbury, J.R., Craig, K.H., Hall, M.P.M. Propagation research for millimetrewave cellular services 36048
Nordbotten, A. COST 235: radiowave propagation effects on next generation fixed-services telecommunication systems 47564
Nordby, M. *see* Heifets, S. 49221
Nordebo, S., Claesson, I. A well-conditioned quadratic program for unique design of two-dimensional weighted Chebyshev FIR filters 15356
Nordebo, S., Claesson, I. Minimum norm design of two-dimensional weighted Chebyshev FIR filters 31395
Nordell, N., Schoner, A., Linnarsson, M.K. Control of Al and B doping transients in 6H and 4H SiC grown by vapor phase epitaxy 54367
Norden, C. *see* Withington, S. 58520
Nordgren, J. *see* Skytt, P. 37580
Nordh, L. *see* Cesarsky, C.J. 36548
Nordhan, M. *see* Carapella, G. 43811
Nordhaus, K. *see* Silva, R. 28714
Nordhauser, S. *see* Beckstead, J.A. 58579
Nordholz, P., Otterstedt, J., Niggemeyer, D. A defect-tolerant word-oriented static RAM with built-in self-test and self-reconfiguration 21684
Nordin, G.P., Jones, M.W., Kulick, J.H., Lindquist, R.G., Kowel, S.T. Three-dimensional display utilizing a diffractive optical element and an active matrix liquid crystal display 27788
Nordin, P., Banzhaf, W. Programmatic compression of images and sound 57038
Nordlander, E. *see* Jonsson, P. 42912
Nordling, K., Mehbains, R. The fundamentals of simultaneous voice and data 6380
Nordlund, E. *see* Barbance, K. 58505
Nordlund, K. *see* Jokinen, J. 42405
Nordman, M. *see* Kozlowski, W.E. 60251
Nordman, N. *see* Ozols, A. 44772
Nordman, O. *see* Ozols, A. 44772
Nordmann, I., Fruebing, P., Ruhmann, R., Prescher, D., Katholy, S., Knochenhauer, W., Rosin, C., Brehmer, L. Maxwell-displacement current generated by cis-trans photoisomerisation in azobenzene-containing Langmuir-Blodgett films 52858
Nordmann, Th. The Swiss 1 MWp PV-school demonstration program 38642
Nordquist, C. *see* Kyung Tek Lee 17207
Nordquist, J. Controlling resonance and damping in hybrid step motors 38761
Nordquist, K.J. *see* Moore, K.E. 21929
Nordquist, P.E.R. *see* Henry, R.L. 30689
Nordquist, P.E.R. *see* McGregor, D.S. 37313
Nordquist, P.E.R. *see* McGregor, D.S. 37323
Nordquist, P.E.R. *see* Moore, W.J. 37315
Nordt, K.M., Moore, A.J. An application of risk management techniques to operating nuclear power plants 38551
Nore, D. *see* Dupuis, V. 7838
Noreika, D. *see* Grivickas, V. 12205
Norek, G. *see* Cho, Y. 18067
Norem, J. *see* Palmer, R.B. 17924
Norem, J. *see* Palmer, R.B. 17966
Norem, J. *see* Teng, L.C. 17879
Noren, B. *see* Berg, M. 37259
Noret, E. *see* Guglielmi, M. 56525
Norfolk, J.A. Drax power station FGD electrical power system–the direct project management approach 29095
Norga, G.J., Black, K.A., Black, M.R., Michel, J., Kimerling, L.C. In-line monitoring of wet cleaning processes using radio frequency photoconductance decay 42567
Norgard, J. *see* James, C. 47515
Norgren, M., Sailing He Corrections to "Reconstruction of the constitutive parameters for an Ω material in a rectangular waveguide" 45298
Norholm, N., Iversen, C., Larsen, T. GaAs MESFET large-signal modelling for multiport Volterra series analysis 54701
Norikane, L., Wilson, B., Jezek, K. RADARSAT Antarctica Mapping System: system overview 8321
Norikane, L. *see* Jezek, K.C. 8322
Norikane, L. *see* Pierce, L. 18778
Norimatsu, F. *see* Tanaka, K. 55430
Norimatsu, M. *see* Nakao, M. 59686
Norimoto, M. *see* Mizutani, Y. 9708
Norin, L. *see* McGinnis, S. 30910

Norio, S. *see* Mikihiko, K. 21389
Norishima, M. *see* Kuroda, T. 5023
Norisue, K. *see* Shimazaki, Y. 21711
Noritake, K., Ushuima, S., Shimojo, S., Yamaguchi, S. Field trial service using ATM-based connectionless service 26247
Noritake, K. *see* Ushijima, S. 25954
Noritsugu, T., Tanaka, T., Yamanaka, T. Application of rubber artificial muscle manipulator as a rehabilitation robot 28407
Noritsugu, T. *see* Hashimoto, K. 46146
Norizawa, K. *see* Kusakabe, T. 18136
Norkin, D.P. *see* Gallo, R.M. 38536
Norkus, V., Budzier, H., Sokoll, T., Hofmann, G., Hoffmann, U., Hess, N. High-sensitivity pyroelectric linear arrays and their applications 17490
Norlin, L.-O. *see* Palacz, M. 37539
Norman, A. *see* Rothwell, E.J. 28706
Norman, A.G. *see* Mazzer, M. 31995
Norman, C.E. *see* Dion, M. 55620
Norman, C.E. *see* Gardner, N.R. 2107
Norman, J. *see* Kaloyeros, A.E. 12819
Norman, J. *see* Martinson, T. 49820
Norman, J.A.T. *see* Custer, J.S. 42258
Norman, J.A.T. *see* Healy, M.D. 40598
Norman, J.M., Anderson, M.C., Diak, G.R. An approach for mapping light-use efficiency on regional scales using satellite observations 8411
Norman, J.M. *see* Anderson, M.C. 8378
Norman, O. A band-pass delta-sigma modulator for ultrasound imaging at 160 MHz clock rate 11543
Norman, P.A. *see* Dissado, L.A. 32708
Norman, P.A. *see* Dissado, L.A. 58091
Norman, R. QFD–what it all means and where it's headed 39908
Norman, R. *see* Bisdikian, C. 26113
Norman, R. *see* Zhang, L. 20140
Norman, R.J., Cannon, P.S. A two-dimensional analytic ray tracing technique accommodating horizontal gradients 56043
Norman, R.J., Dyson, P.L., Bennett, J.A. Analytic ray parameters for the quasi-cubic segment model of the ionosphere 56049
Normand, E. Single event upset at ground level 21680
Normand, E. *see* Oberg, D.L. 22864
Normand, J.-P.Le *see* Le Normand, J.-P.
Normand, N. *see* Guedon, J.P. 57352
Normand, X., Diolez, E., Berard, E. TRACCI: a thermal power plant full scope training simulator on workstations 9084
Normant, E., Hermer, J.M., Hardange, J.P., Busson, M., Magnan, J.C. SARCM, a SAR simulator dedicated to the technical specification and operational evaluation of an image functional chain 16936
Noro, A. *see* Nakamura, K. 9303
Noronha, C. *see* Jia, F. 6809
Norregaard, J. *see* Wang, Z. 23939
Norren, D.van *see* van Norren, D.
Norris, A.P. Electronic charts–issues concerning back-up 61253
Norris, B.L. Initial performance of upgraded Tevatron cryogenic systems 49010
Norris, J.A. *see* Warnes, W.H. 55096
Norris, M. Dispensing technology [SMT assembly] 1827
Norris, M.H. Low cost design techniques for rf circuits in consumer electronics 54742
Norris, P.E., Zhu, L.D., Maruska, H.P., Ho, W., Ustin, S., Lauhon, L. Supersonic jet epitaxy: an improved method for nitride deposition 10797
Norris, P.M. *see* Lee, A.S. 36953
Norris, P.M. *see* Ribando, R.J. 20482
Norris, T. *see* Kamath, K. 55621
Norris, T. *see* Kane, S. 3953
Norris, T.B. *see* Citrin, D.S. 36191
Norris, T.B. *see* Citrin, D.S. 42183
Norris, T.B. *see* Hariharan, A. 3726
Norris, T.B. *see* Sung, C.Y. 31813
Norris, W.E. *see* Naus, D.J. 29031
Norris, W.T. *see* Hill, J.E. 60911
Norris, W.T. *see* Hill, J.E. 60912
Norris-Zachery, K. *see* Wellfare, M. 8675
Norsett, S.P. *see* Jackson, K.R. 10516
Norsett, S.P. *see* Kvaerno, A. 10538
Norstedt, G. *see* Stenbeck, J. 51322
Norte, D., Willner, A.E. Demonstrations of all-optical conversions between the RZ and NRZ data formats incorporating noninverting wavelength shifting leading to format transparency 36152
North, C. *see* Anderson, M. 26108
North, G.R. *see* Soman, V.V. 38071
North, K. Field information systems for managing your assets 60269
North, P.R., Plummer, S.E., Deering, D.W., Leroy, M. Validation of a BRDF model for boreal forest 8536
North, R. *see* Fitzpatrick, D. 1720
North, T.M. *see* Muccioli, J.P. 43200
Northcote, B., Rumsewicz, M. A comparison of CCS tandem overload controls 46539
Northcote, B.S. Analysing SCP congestion control strategies: a study of control dynamics 26283
Northcut, E. *see* Hoff, W.A. 28430
Northe, J. *see* Dahler, P. 9668
Northmore, D.P.M. *see* Elias, J.G. 13081
Northmore, D.P.M. *see* Elias, J.G. 31418
Northrup, J.E. *see* Di Felice, R. 30796
Northrup, M.A. *see* Hsueh, Y.-T. 27708
Northrup, M.A. *see* Krulevitch, P. 13200
Northrup, M.A. *see* Lee, A.P. 19930
Northrup, M.R. *see* Rooney, D.T. 53835
Northwood, D.O. *see* Byczynski, G.E. 10932
Norton, B. *see* Waterfield, P. 51634
Norton, C.A., III, Zahorian, S.A. Speaker verification based on speaker position in a multidimensional speaker identification space 14963
Norton, D. *see* Singh, R. *(editor)* 9797
Norton, D.A. New optical fiber for spectroscopy and sensing 36644
Norton, D.P. *see* Christen, H.-M. 52682
Norton, G.A. *see* Ferry, J.A. 49294
Norton, J.R., Cloeren, J.M., Sulzer, P.G. Brief history of the development of ultra-precise oscillators for ground and space applications 13319
Norton, L.J. *see* Schwartz, D.B. 23710
Norton, M. *see* Preston, R. 17236
Norton, P.R. *see* Gao, L.J. 32796
Norton, P.W. *see* Meyer, J.R. 7562
Norton, S.M., Erdogan, T., Morris, G.M. Coupled-mode theory of resonant-grating filters 44181
Nortone, D.P. *see* Christen, D.K. 52673
Nortrup, E., Krasko, Z., Lou, S. Pulse start of metal halide lamps for improved lumen maintenance 39404
Norum, B., Rossmanith, R. Polarized beams in a muon collider 17977
Norum, B. *see* Palmer, R.B. 17966
Norum, L. *see* Qing Yu 50511
Norum, L.E. *see* Yu, Q. 50516
Norvang Madsen, S. *see* Lintz Christensen, E. 8311
Norwood, R.A., Eldada, L., Emo, S., Gustus, J., Rapoport, R., Stengel, K.M.T., Shacklette, L.W., Wu, C., Xu, C., Yardley, J.T. Polymer optical interconnection technology: toward WDM applications 3390
Norwood, R.B., McCluskey, E.J. Orthogonal scan: low overhead scan for data paths 41022
Norwood, T.E., Qing Xiang On GMW designs and a conjecture of Assmus and Key 56339
Nosaka, H. *see* Nakagawa, T. 1157
Nose, M., Tsuchida, H., Matsushita, M., Fujimoto, K. Intelligent dynamic service provisioning (IDSP) 35790
Nose, M., Tsukuda, I., Uchinokura, K. Fabrication of c-axis oriented $Bi_2Sr_2CaCu_2O_{8+\delta}/Bi_2Sr_2CoO_y/Bi_2Sr_2CaCu_2O_{8+\delta}$ junction 43828
Nose, T., Masuda, S., Sato, S., Li, J., Chien, L.-C., Bos, P.T. Effects of low polymer content in a liquid-crystal microlens 55326
Nose, T. *see* Li, J. 3483
Nose, T. *see* Zhan He 55323
Nosenko, A.E. *see* Moiseenko, V.N. 24080
Nosich, A.I. The method of regularization in wave scattering and propagation problems 56018
Nosich, A.I., Okuno, Y., Shiraishi, T. Scattering and absorption of E- and H-polarized plane waves by a circularly curved resistive strip 14591
Nosich, A.I. *see* Boriskina, S.V. 41416
Noskov, M., Karpov, D., Lopatin, V., Pleshkov, O. The simulation of the discharge channels propagation in liquids 23136
Noskov, M.D. *see* Lopatin, V. 32729
Noskowski, J. Future, public mobile telecommunication systems FPLMTS/IMT-2000 26617
Nosov, V. *see* Shulman, Z.P. 969
Nosov, V.R. Some stability theorems for nonautonomous equations 52399
Nosratinia, A., Orchard, M.T. Optimal warping prediction for video coding 25581
Noss, R.S., Boles, C.D., Yingling, C.D. Steady-state analysis of somatosensory evoked potentials 18409
Nossarzewska-Orlowska, E., Lipinski, D., Pawlowska, M., Brzozowski, A., Przyborowska, K. Silicon epitaxy over porous silicon 1964
Nossarzewska-Orlowska, E. *see* Kordyas, A.J. 49334
Nosseir, A.I. *see* Abdelaziz, A.Y. 38274
Nosseir, A.I. *see* Abdelaziz, A.Y. 50624
Nosseir, A.I. *see* Abdelaziz, A.Y. 50633
Nossek, J.A. Information processing with lossless cellular neural networks 31442
Nossek, J.A. *see* Haardt, M. 25021
Nossek, J.A. *see* Rieder, P. 15305
Nossek, J.A. *see* Rieder, P. 34951
Nossek, J.A. *see* Schlaffer, A. 31430
Nossek, J.A. *see* Simon, S. 1495
Nossek, J.A. *see* Simon, S. 31297
Notari, A. *see* Henderson, A.J. 18942
Notario, A.P. *see* Navarro, M.F. 6091
Notario, A.Puerta *see* Puerta Notario, A.
Notaristefani, F.de *see* de Notaristefani, F.
Notaros, B.M., Popovic, B.D. General entire-domain method for analysis of dielectric scatterers 14573
Notay, Y. *see* Saint-Georges, P. 10571
Notcutt, M., Taylor, C.T., Wong, E.K., Mann, A.G., Blair, D.G. Allan deviation measurements of a cryogenic all-sapphire Fabry-Perot reference cavity 24040
Notcutt, M. *see* Blair, D.G. 33204
Notcutt, M. *see* Taylor, C.T. 24038
Noth, E., De Mori, R., Fischer, J., Gebhard, A., Harbeck, S., Kompe, R., Kuhn, R., Niemann, H., Mast, M. An integrated model of acoustics and language using semantic classification trees 14968
Nothnagle, P.E. Ways to improve SMT inspection 31596
Noting, H.-P., Sztefka, G., Grawert, M., Ctyroky, J. Wave propagation in a waveguide with a balance of gain and loss 23555
Notingher, P. *see* Mares, G. 2976
Notingher, P. *see* Radu, I. 43438
Notingher, P.V., Ciuprina, F., Radu, I., Filippini, J.C., Gosse, B., Jipa, S., Setnescu, T., Setnescu, R., Mihalcea, T. Studies on water treeing and chemiluminescence on irradiated polyethylene [insulated cables] 1750
Notis, M.R. *see* Imanaka, Y. 30252
Notman, J. *see* Landis, D. 22086
Notni, G. *see* Kirschner, V. 7419
Notni, G. *see* Krause, A. 4070
Notni, G. *see* Maack, T. 36398
Notni, G. *see* Rehn, H. 4071
Notni, G. *see* Schreiber, W. 17768
Noto, K. *see* Katagiri, K. 3269
Noto, K. *see* Katagiri, K. 55106
Notoh, H. *see* Shibata, M. 28523
Notohara, Y. *see* Anno, H. 31927
Notohara, Y. *see* Matsubara, K. 31912
Notomi, S., Shimizu, H., Ohno, K. High-speed GaAs ASSP for communication 5928
Notsu, A. *see* Tanaka, K. 12867
Nottelman, E.L. *see* Raaijmakers, C.P.J. 8109
Notten, P.H.L., Kremers, M., Griessen, R. Optical switching of Y-hydride thin film electrodes. A remarkable electrochromic phenomenon 3468
Nottenburg, R. *see* Bond, A.E. 13008
Nottenburg, R.N. *see* Ramakrishnan, V. 26702
Nottmeyer, K. *see* Mizuno, J. 13170
Notzel, K.R. Integrated Satellite Control Center 18755
Notzel, R., Ramsteiner, M., Niu, Z., Schonherr, H.-P., Daweritz, L., Ploog, K.H. Enhancement of optical nonlinearity in strained (InGa)As sidewall quantum wires on patterned GaAs (311)A substrates 44662
Notzel, R. *see* Temmyo, J. 23913
Nouacry, A. *see* Bouhdada, A. 54623
Nouaoura, M., Rouanet, M., Tahraoui, A., Lassabatere, L., Bonnet, J. Reflection high energy electron diffraction study of GaSb(100) molecular beam epitaxy grown surfaces. Contribution of temperature and of Ga or Sb irradiation 10711
Nouaoura, M. *see* Ferhat, M. 10782
Nouaoura, M. *see* Ferhat, M. 21247
Noubir, G., Choueiry, B.Y., Nussbaumer, H.J. Fault tolerant multiple observers using error control codes 57657
Noubir, G., Vijayananda, K., Berthet, G. Robust communication protocols for run-time fault detection 46762
Noubir, G. *see* Berthet, G. 46763
Nouchi, P., Laklalech, H., Sansonetti, P., Von Wirth, J., Ramos, J., Bruyere, F., Brehm, C., Boniort, J.Y., Perrin, B. Low-PMD dispersion-compensating fibers 13598
Nouchi, P. *see* Hamaide, J.-P. 26828
Nouet, P., Toulouse, A. Use of test structures for characterization and modeling of inter- and intralayer capacitances in a CMOS process 54807
Nouet, P. *see* Popowski, Y. 59768
Noufi, R. *see* Contreras, M.A. 39067
Noufi, R. *see* Gabor, A.M. 39095
Noufi, R. *see* Lindahl, K.A. 39107
Noufi, R. *see* Niles, D.W. 39073
Noufi, R. *see* Ramanathan, K. 39074
Noufi, R. *see* Tuttle, J.R. 39065
Nougier, J.P., Vaissiere, J.C., Varani, L. Microscopic modelling of transport in semiconductor structures 12853
Nougues, P.O., Brown, D.E. We know where you are going: tracking objects in terrain 45801
Noullet, J.L., Calmon, P.-F., Pierrel, G., Bourdeau d'Aguerre, P. Introducing digital gates in the basic MOS fabrication training 9911
Noullet, J.L. *see* Ferreira, A. 9906
Noumi, H., Sawada, S., Hasegawa, T., Horikawa, N., Ieiri, M., Ishii, M., Ishimoto, S., Iwata, T., Kim, Y.D., Katoh, Y., Kawabata, M., Kovash, M.A., Minakawa, M., Mizuno, Y., Nakayama, F., Ogami, H., Ogawa, A., Sasaki, T., Shibata, T.-A., Suzuki, Y., Takasaki, M., Tamura, K., Tanaka, K.H., Trice, J., Yamanoi, Y. Neutron beam line at the KEK 12-GeV PS 37073
Nour, C.A., Leon, L.J., Vermeulen, M., Cardinal, R., Roberge, F.A. Mapping of reentry in a thin sheet of canine myocardium 59581
Nour, H.A. *see* Rajouani, A. 4586
Nour, N. Trials of mobile computing applications using circuit-switched cellular and cellular digital packet data (CDPD) 47760
Nour Eldin, H.A. *see* Dziech, A. 46507
Nour Eldin, H.A. *see* Mueller, M. 46508
Noura, H., Aubrun, C., Hamelin, F., Sauter, D. Fault accommodation and control law reconfiguration 52373
Nouragas, P., Seeger, D., Kopardekar, P., Stahl, D. Approach station keeping: is indicated airspeed information required? 59968
Nourani, M., Papachristou, C. Avoiding false paths caused by resource binding in RTL delay analysis 1312
Nourani, M. *see* Papachristou, C. 21606

Noureddine, Z., Andre, L. Breakdown in vacuum between two silver or alloy silver-nickel electrodes 22135
Nouri, H. *see* Carse, B. 28727
Nouri, H. *see* Davies, T.S. 11819
Nouri, H. *see* Davies, T.S. 11823
Nouri, H. *see* Davies, T.S. 19646
Nouri, H. *see* Davies, T.S. 20177
Nourijelyani, K. *see* Block, F.E., Jr 59537
Nournia, M. *see* Das, S.R. 42694
Nourry, G.R. *see* Johnson, T.D. 18999
Nourry, G.R. *see* Lafreniere, J.A.A.L. 16364
Nourry, J. *see* Sixou, P. 13539
Noury, A. *see* Bathelon, L. 36147
Noury, N. *see* Ngalamou, L. 48808
Nousek, J.A. *see* Townsley, L.K. 27681
Nousiainen, H. *see* Friedrich, C. 39335
Nousiainen, J., Makynen, P., Anttonen, O., Malmivuo, J. An integrated computer system for electrophysiological testing of the heart 28315
Nousiainen, J. *see* Vanttinen, H. 28316
Nousiainen, K. *see* Lahti, K. 50664
Nousoura, M. *see* Ferhat, M. 10698
Nouvel, F., Citerne, J. Microelectronics course with practical applications 9887
Nouza, J. Feature selection methods for hidden Markov model-based speech recognition 4602
Novac, B.M., Smith, I.R., Stewardson, H.R., Senior, P. Experimental methods with flux-compression generators 9360
Novak, A., Lindahl, T., Hellgren, E. Study of different techniques for building MCM-L substrates 12039
Novak, D. *see* Nirmalathas, A. 44506
Novak, D. *see* Nirmalathas, A. 44583
Novak, D. *see* Smith, G.H. 26781
Novak, D. *see* Waterhouse, R.B. 35929
Novak, E., Ritter, K. High dimensional integration of smooth functions over cubes 10450
Novak, E., Roschmann, I. Numerical integration of peak functions 10497
Novak, E., Wozniakowski, H. Topological complexity of zero-finding 10465
Novak, F. *see* Biasizzo, A. 53475
Novak, J. *see* Kudela, R. 52634
Novak, J. *see* Smanek, R. 12339
Novak, J.P., Bartnikas, R. Quantitative model of a short-gap breakdown in air 28940
Novak, L. *see* Kuttikkad, S. 6897
Novak, L.A. A comment on "Bases of fuzzy matroids" Fuzzy Sets and Systems 31 (1989) 253-261 52387
Novak, L.A., Gibbons, A. Double independence and tree pairs in graphs 40050
Novak, L.M., Benitz, G.R., Owirka, G.J., Bessette, L.A. ATR performance using enhanced resolution SAR 6942
Novak, L.M., Halversen, S.D., Owirka, G., Hiett, M. Effects of polarization and resolution on SAR ATR 28716
Novak, L.M., Halversen, S.D., Owirka, G.J., Heitt, M. Effects of polarization and resolution on the performance of a SAR automatic target recognition system 19024
Novak, R. *see* Kashkoush, I. 42473
Novak, R. *see* Roman, P. 42566
Novak, R.E., Ruzyllo, J. *(editors)* Proceedings of the Fourth International Symposium on Cleaning Technology in Semiconductor Device Manufacturing 29995
Novak, T. *see* Johnson, P.W. 39489
Novakov, E. *see* Bensadoun, Y. 59652
Novakovic, D. *see* Lutovac, M.D. 53407
Novellino, J. Higher coverage, lower overhead enhance logic BIST 1222
Novellino, J. Scan-based testing hits the mainstream 31175
Novembre, A. *see* Watson, G.P. 32288
Novembre, A.E. *see* Harriott, L.R. 22700
Novembre, A.E. *see* Harriott, L.R. 42874
Novembre, A.E. *see* Nalamasu, O. 42826
Novero, C. *see* Levi, F. 27259
Novick, D.G. *see* Colton, D. 9925
Novick, D.G. *see* Sutton, S. 24872
Novik, D.A. Stereo images data compression and digital stereo compatible TV 7068
Novikov, A.D. *see* Sturman, B.I. 3310
Novikov, A.G. *see* Kolev, D. 54404
Novikov, A.V. *see* Esin, S.K. 37133
Novikov, E.V. *see* Gulakov, I.R. 44231
Novikov, E.V. *see* Lobachenko, M.B. 49386
Novikov, G.K. *see* Metsik, M.S. 54983
Novikov, M.V. *see* Selivanov, A.S. 48085
Novikov, N.N., Korovin, O.V., Astapenko, Yu.V., Overchenko, D.V. Interaction between monitorability indicators and operational characteristics of communications equipment 39944
Novikov, S. *see* Lifanov, I. 45083
Novikov, S.A., Razin, S.V. Formation of ultrashort microwave pulses in coaxial cavities 41428
Novikov, S.S., Maidanovskii, S.A., Sulakshin, S.A. Stabilization of synchronous frequency in system of strongly coupled microwave oscillators 53584
Novikov, S.V. *see* Izumi, A. 778
Novikov, V. *see* Shutt, T. 37472
Novikov, V.A. *see* Swallom, D.W. 20053
Novikov, V.K., Moiseenko, V.V., Chernokov, A.Ya. Automatic equipment for acceptance testing of asynchronous electric motors 60779
Novikov, V.K. *see* Kravchik, A.E. 60772
Novikov, V.P., Dymont, V.P. Synthesis of diamondlike films by an electrochemical method at atmospheric pressure and low temperature 21320
Novikov, Ya.A., Rakov, A.V., Stekolin, I.Yu. Calibration of scanning electron microscopes 17180
Novikova, I., Kikdal, P.S., Celuch-Marcysiak, M., Gwarek, W. FDTD investigation of the field distributions in rectangular hard waveguides 31457
Novikova, O.P. *see* Loiko, N.A. 55599
Novikova, T.A. *see* Dolinov, D.S. 56599
Novikova, T.S., Barashkov, N.N., Yassar, A., Hmyene, M., Ferraris, J.P. Aromatic copolyamides and copolyesters with vinylenarylene and terthiophene fragments in the polymer chain: synthesis and photophysical properties 44219
Novitskii, E.G. *see* Veledinskii, A.N. 29041
Novoderezhkin, V.P. *see* Kalashnikov, A.A. 19539
Novogrozky, Y. *see* Hadar, O. 5512
Novokhatski, A.V. *see* Aleksandrov, A.V. 49205
Novokhatsky, A.V. *see* Abalin, S.S. 9042
Novokov, E. *see* Gondran, C. 18472
Novomlintsev, A.V. *see* Kanaev, I.F. 14426
Novosel, D., Bachmann, B., Hart, D., Yi Hu, Saha, M.M. Algorithms for locating faults on series compensated lines using neural network and deterministic methods 8979
Novoselov, A.P. *see* Voinov, V.G. 32057
Novoselov, A.R. *see* Klimenko, A.G. 31021
Novoselov, N.A. *see* Dutov, A.I. 13958
Novotnak, R., Sobek, R., Botos, S.A. Linear motors: how to beat the heat 60809
Novotny, D.B. *see* Kinard, J.R. 27360
Novotny, D.B. *see* Kinard, J.R. 27491
Novotny, D.R. *see* Masterson, K.D. 56160
Novotny, D.W. *see* Munoz-Garcia, A. 29243
Novotny, D.W. *see* Shaotang Chen 29694
Novotny, M. *see* Zezulka, F. 36443
Novotny, R., Doring, W., Mengel, K., Metag, V., Pienne, C. Response of a $PbWO_4$-scintillator array to electrons in the energy regime below 1 GeV 59270
Novotny, R.A., Lentine, A.L. Analysis of pulse width distortion within an optoelectronic switching system demonstrator 35885
Novotny, R.A. *see* Hinterlong, S.J. 35886
Novotny, R.A. *see* Lentine, A.L. 3660
Novotny, R.A. *see* Lentine, A.L. 33316
Novotny, R.A. *see* Lentine, A.L. 58290
Novozhilov, A.N. EMF of compact measuring converters for the protection of synchronous motors 19697
Nowack, R.L., Matheney, M.P. Inversion of seismic attributes for velocity and attenuation structure 50035
Nowacka, E.B. *see* Dewilde, P.M. 11032
Nowak, A. Straight lines detection based stereo vision for indoor mobile robot navigation 35281
Nowak, A. *see* Gierlotka, K. 9757
Nowak, A.S. *see* Radzik, T. 40010
Nowak, E. Moisture measurement with capacitive polymer humidity sensors 36493
Nowak, E. *see* Bin Yu 2650
Nowak, E. *see* Su, L. 2793
Nowak, E.D. *see* Bin Yu 43045
Nowak, E.J. *see* Bernstein, K. 11478
Nowak, H., Brabetz, S., Giessler, F., Haueisen, J., Huonker, R., Leder, U., Weidl, R., Dorrer, L., Seidel, P., Muller, S. Magnetocardiography with high and low T_c SQUID-gradiometer devices 49514
Nowak, L. *see* Demenko, A. 29300
Nowak, M., Grochal, P., Barlik, R. Universal microprocessor based control system for three phase converters 38890
Nowak, M. *see* Dakir, A. 9256
Nowak, M. *see* Dakir, A. 9258
Nowak, M. *see* Grabowski, A. 1984
Nowak, M. *see* Grochal, P. 9405
Nowak, M.P., Van Veen, B.D. An active noise controller based on a constrained transform domain adaptive IIR filter 4906
Nowak, P., Jirsak, V. Thinking small: mountain streams power micro-hydro plants 19594
Nowak, R.D. Volterra filter identification using penalized least squares 25023
Nowak, R.D. Optimal signal estimation using cross-validation 25054
Nowak, R.D., Baraniuk, R.G. Wavelet-based decompositions for nonlinear signal processing 25066
Nowak, R.D., Van Veen, B.D. Volterra filter equalization: a fixed point approach 34783
Nowak, R.D. *see* Andre, T.F. 25153
Nowak, R.D. *see* Andre, T.F. 45746
Nowak, R.J. Wireless: part of the broadband future 47411
Nowak, S., Pfau, T., Mlynek, J. Writing nanostructures with a metastable helium beam 42866
Nowak, T. *see* Burger, J. 28046
Nowak, W. *see* Florkowska, B. 50596
Nowak, W.D. *see* Akchurin, N. 37077
Nowakowski, R. *see* Jaroszynski, J. 12438
Nowara, T. The "Video Machine" as a high-grade cutting system 7066
Nowell, M.C. *see* Raddatz, L. 36123
Nowick, A.S. *see* Du, Y. 38959
Nowick, S.M., Yun, K.Y., Beerel, P.A., Dooply, A.E. Speculative completion for the design of high-performance asynchronous dynamic adders 53238
Nowick, S.M. *see* Plana, L.A. 11279
Nowick, S.M. *see* Singh, M. 41041
Nowick, S.M. *see* Singh, M. 53216
Nowicki, A. *see* Lange, A. 49560
Nowicki, A. *see* Wissinger, J. 6938
Nowicki, E. *see* Salmon, J.C. 19854
Nowicki, E. *see* Salmon, J.C. 20133
Nowicki, E.P. *see* Ashrafzadeh, F. 38727
Nowicki, E.P. *see* Mohamadian, M. 19750
Nowicki, P. *see* Slawska-Waniewska, A. 3060
Nowicki, T. *see* Najgebauer, A. 36040
Nowinowski-Kruszelnicki, E. *see* Walczak, A. 48965
Nowitsky, T.E. *see* Wiest, T. 16997
Nowlan, M.J., Hogan, S.J., Patterson, J.S., Sutherland, S.F., Murach, J.M., Breen, W.F., Darkazalli, G. Processing evaluations of an automated high-throughput system for interconnecting crystalline silicon solar cells 39181
Nowlin, C.H. *see* Crutcher, R.I. 58213
Nowlin, N. *see* Nezar, A. 22824
Nowlin, R.W. *see* Sundararajan, R. 38407
Nowoczyn, M. *see* Bamberger, A. 7787
Nowoczyn, M. *see* Bamberger, A. 37358
Noworolski, J.M., Klaassen, E., Logan, J., Petersen, K., Maluf, N.I. Fabrication of SOI wafers with buried cavities using silicon fusion bonding and electrochemical etchback 12717
Noworolski, J.M., Klaassen, E.H., Logan, J.R., Petersen, K.E., Maluf, N.I. Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators 32570
Noworolski, Z., Reskov, U. AC, noise and migration in the battery installations 51492
Nowotny, J. *see* Bak, T. 38949
Nowotny, U. *see* Lao, Z. 48001
Nowotny, U. *see* Thiede, A. 41131
Nowrouzian, B. *see* Botteron, Y. 15165
Nowrouzian, B. *see* Fuller, A.T.G. 16001
Nowrouzian, B. *see* Morris, R. 15166
Nowrouzian, B. *see* Rao, V.M. 21702
Nowrouzian, B. *see* Satyanarayana, J.H. 41097
Noya, A., Takeyama, M., Sasaki, K., Aoyagi, E., Hiraga, K. Transmission electron microscopy observation of polymorphic epitaxial growth of YSi_{2-x} layer in Al(001)/YSi_{2-x}/Si(001) systems 785
Noya, A., Takeyama, M., Sasaki, K., Aoyagi, E., Hiraga, K. Transmission electron microscopy of the sequence of phase formation in the interfacial solid-phase reactions in Ta/Si systems 32065
Noya, A. *see* Takeyama, M. 32246
Noya, A. *see* Takeyama, M. 42605
Noya, A. *see* Yanagisawa, H. 42733
Noya, A. *see* Yoshimoto, K. 32247
Noyan, I.C., Liniger, E.G., Hu, C.-K., Wang, P.-C., Cargill, G.S., III Local and global stress distributions in BEOL metallization 42796
Noyan, I.C. *see* Wang, P.-C. 42739
Noyel, G. *see* Siblini, A. 23338
Noyel, G. *see* Vincent, D. 27877
Noyes, G. *see* Eick, W. 28034
Noyes, G. *see* Eick, W. 59238
Noyes, J.M. *see* Baber, C. 24824
Nozaka, K. *see* Mizuno, T. 29773
Nozaka, K. *see* Nakajima, A. 29747
Nozaki, H. *see* Morita, K. 28916
Nozaki, H. *see* Morita, K. 50617
Nozaki, K. *see* Asai, S. 2494
Nozaki, M., Kado, Y., Ishida, I., Konuma, R. Design and development of ATM traffic control LSI 26033
Nozaki, M. *see* Ishii, K. 49323
Nozaki, M. *see* Kajino, F. 37402
Nozaki, S., Sato, S., Ono, H., Morisaki, H., Iwase, M. Germanium nanostructures deposited by the cluster-beam evaporation technique 41871
Nozaki, S., Sato, S., Ono, H., Morisaki, H., Iwase, M., Takahashi, K. Photo-sensitive tetragonal germanium nanostructures deposited by the cluster-beam evaporation 10972
Nozaki, S. *see* Ichinohe, T. 2222
Nozaki, S. *see* Kunugi, T. 10697
Nozaki, S. *see* Nishimura, T. 5069
Nozaki, Y. *see* Kojima, Y. 38010
Nozal, L.L. *see* Martin, J.L. 4961
Nozawa, H. *see* Ishii, T. 42807
Nozawa, H. *see* Ishii, T. 42821
Nozawa, K. *see* Prabhakaran, K. 2367
Nozawa, M., Ando, T., Iwamoto, S., Yasukawa, S., Ogata, H., Miura, Y., Takaya, Y., Terasawa, A., Isono, T., Nishi, M., Koizumi, N., Tsuji, H. Experimental investigation of stability in cable-in-conduit conductors subjected to varying field due to plasma disruption 43865
Nozawa, M. *see* Nakajima, H. 52832
Nozawa, S. *see* Katsumata, M. 22638
Nozawa, S. *see* Kawahira, H. 22632
Nozawa, S. *see* Sugawara, M. 2468
Nozawa, T. *see* Hanafusa, H. 33108
Nozette, S., Lichtenberg, C.L., Spudis, P., Bonner, R., Ort, W., Malaret, E., Robinson, M., Shoemaker, E.M. The Clementine bistatic radar experiment 27126
Nozik, A.J. *see* Rosenwaks, Y. 2125
Nozu, M., Sakashita, Y., Kunitomo, Y., Tokumoto, S., Kanaya, T., Matsushita, H., Ochiai, Y., Hoshida, T., Kido, N., Saito, N. CSP of CPU control LSI for mobile intelligence terminals 39829
Nozue, H. *see* Itoh, K. 22684
Nozue, H. *see* Yamashita, H. 22703

Nozue, H. *see* Yamashita, H. 32261
Nsengiyumva, S., Nasr, C., Hotchandani, S., Leblanc, R.M. Capacitance measurements of photovoltaic cells based on mixed monolayers of chlorophyll a and sulfoquinovosyldiacylglycerol 44248
Ntsoenzok, E., Desgardin, P., Barbot, J.F., Vernois, J., Isabelle, D.B. Comparison of N- and P-type silicon irradiated by MeV protons and post-annealed at different temperatures 54020
Nu Delu Research on broad-band high-gain klystrons of megawatt output power level 53991
Nuansri, N., Dillon, T.S., Singh, S. An AI-based approach for domain name system monitoring and diagnosis 46945
Nuao, L. *see* Balbastre, J.V. 45256
Nubbemeyer, H.G. *see* Mangum, B.W. 27206
Nubile, P., Ferreira da Silva, A. Bandgap narrowing in silicon solar cells considering the p-type doping material 29635
Nucci, C.A. *see* Borghetti, A. 9098
Nucci, C.A. *see* Borghetti, A. 50304
Nucci, J.A., Keller, R.R., Field, D.P., Shacham-Diamand, Y. Grain boundary misorientation angles and stress-induced voiding in oxide passivated copper lines 42632
Nucci, J.A., Keller, R.R., Sanchez, J.E., Jr., Shacham-Diamand, Y. Local crystallographic texture and voiding in passivated copper interconnects 22609
Nuccio, P., Michaud, M., Gentile, S. Optimizimg the mobile PC battery through smart battery software 61018
Nucciotti, A. *see* Alessandrello, A. 7819
Nucciotti, A. *see* Alessandrello, A. 37480
Nucciotti, A. *see* Alessandrello, A. 48812
Nucciotti, A. *see* Alessandrello, A. 59340
Nuckel, A. *see* Klappenecker, A. 21813
Nuebel, J. *see* Barth, J. 24350
Nueckel, G. *see* Jeng, S.J. 22775
Nuernbergk, D. *see* Schwierz, F. 31510
Nuffelen, D.Van *see* Van Nuffelen, D.
Nugent, K. *see* Finkman, E. 799
Nuhanovic, A. *see* Glavic, M. 19062
Nuhn, H.-D. *see* Soon-Kwon Nam 14201
Nukii, T. *see* Matsubara, H. 12011
Nukiwa, M. *see* Minamizawa, M. 10170
Nukiwa, M. *see* Minamizawa, M. 52217
Nukulin, A.Yu., Stevenson, A.W., Hashizume, H., Cookson, D., Hobler, G., Wilkins, S.W. Model-independent determination of 2D strain distribution in ion-implanted silicon crystals from X-ray diffraction data 41826
Null, J.M., Bourke, R.H., Wilson, J.H. Perturbative inversion of geoacoustic parameters in a shallow water environment 18763
Null, S.R. Virtual engineer 39605
Nuller, T. *see* Kagan, M. 38992
Nulman, J. *see* Dixit, G.A. 42665
Numa, M. *see* Yoshikawa, A. 11403
Numagami, Y. *see* Kajiwara, Y. 4934
Numaguchi, T. Control of static charge on personnel: impact of socks on resistance to ground through footwear 24355
Numajiri, M. *see* Terada, S. 37391
Numakura, D.K. *see* Matsuo, K. 10173
Numano, M. *see* Yoshimi, M. 11455
Numasawa, Y. *see* Furuya, A. 12807
Numata, H., Ikegami, M., Tanaka, M. Design of universal pipelining discrete time cellular neural network by PARTHENON 1673
Numata, J., Taura, T. A case study: a network system for knowledge amplification in the product development process 107
Numata, K. *see* Fukuda, Y. 2944
Numata, K. *see* Kasukabe, S. 1868
Numata, K. *see* Maeda, T. 2842
Numata, T. *see* Nakanishi, T. 48843
Numazawa, J. *see* Miyashita, E. 23374
Numazawa, T., Hirata, Y., Takada, H. The copolymer of methyl methacrylate and methacrylic acid as a sensitive resist for deep-etch X-ray lithography 54533
Numazawa, T. *see* Takada, H. 43368
Numeroli, R., Gatti, E., Torri, G., Kranenburg, R. Four quadrant, large power, IGBT vector controlled, adjustable speed drive, design and test 51706
Numoto, A. *see* Gofuku, A. 38519
Nunes, I. *see* Silva, A. 7187
Nunes, L.A.O. *see* Zanatta, A.R. 41843
Nunes, L.B. *see* Correia, M.V. 5118
Nunes, R. *see* Azuma, T. 32282
Nunes, R. *see* Farrell, T. 2500
Nunes, S. *see* Casaca, A. 28815
Nunes, S. *see* Monteiro, P. 47471
Nunes, S. *see* Urnes, J.M., Sr. 59909
Nunes, U. *see* Marques, L. 7329
Nunez, A. *see* Cheben, P. 14447
Nunez, A. *see* Lopez, J.F. 11390
Nunez, A. *see* Lopez, J.F. 41155
Nunez, A. *see* Lopez, J.F. 53287
Nunez, C.M. *see* Lawless, P.A. 29930
Nunez, J., Otazu, X. Multiresolution image reconstruction by wavelet decomposition 35366
Nunez, M. Some rigorous results for the kinematic dynamo problem with general boundary conditions 33820
Nunez, T. *see* Gomez, F. 37446
Nunez-Lagos, R., Virto, A. Shielding and background reduction 18107
Nung Shiau Ting *see* Ting Nung Shiau
Nung Tzu-Chen *see* Tzu-Chen Nung
Nung-Pyo Hong, Pil-Gyu Im, Deok-Jung Kim, Kyung-Soon Cho, Don-Chan Cho, Yong-Woo Lee, Jin-Woong Hong The electrical breakdown properties of low density polyethylene film due to morphological change 43445
Nuninger, W., Balaud, B., Kratz, F. Disturbance rejection using output and input estimation. Application to the friction compensation of a DC motor 60788
Nunn, D. On the numerical modelling of the VLF Trimpi effect 34067
Nunn, D. *see* Mehta, M. 47870
Nunnally, C.E. Teaching microcontrollers 20526
Nunnally, C.E. Teaching EE circuits I lab with Labview 20625
Nunnally, W.C. *see* Mayes, J.R. 51260
Nunnari, G. *see* Langer, H. 18781
Nunnelee, W.M. *see* Jacobson, M.D. 8439
Nunnelee, W.M. *see* Jacobson, M.D. 50063
Nunnery, W. *see* Camp, W.O., Jr. 47601
Nuno, F. *see* Pernia, A.M. 51319
Nuno, L., Balbastre, J.V., Castane, H. Analysis of general lossy inhomogeneous and anisotropic waveguides by the finite-element method (FEM) using edge elements 45329
Nunokawa, F., Yamazaki, T., Ohsawa, K., Ando, Y. Portable earth station for satellite communication 47842
Nunokawa, H., Horikiri, K., Arai, T., Fukuda, K., Murata, M., Kazama, K., Masunaga, Y. A network environment information system based on object-oriented approach 5937
Nunokawa, H. *see* Yamaguchi, T. 7158
Nunomura, K. Development of 33-inch and 42-inch color plasma displays 36802
Nunomura, Y. *see* Sakamoto, M. 1461
Nunoshita, M. *see* Ohtsuka, K. 32049
Nunoue, S. *see* Itaya, K. 3872
Nunoue Shin-Ya *see* Shin-Ya Nunoue
Nunoya, Y. *see* Nakajima, H. 52832
Nuns, J. *see* Ferrieux, J.-P. 51857
Nunzi, J.-M. *see* Fiorini, C. 33706
Nunzi, J.-M. *see* Fiorini, C. 55156
Nunzi, J.-M. *see* Gautier, E. 23693
Nunzi, J.-M. *see* Lefin, P. 55937
Nuofu Chen *see* Chen Nuofu
Nuovo, M.-M. *see* Castagnolo, B. 46822
Nur, M., Hernandez-Avila, J.L., Bonifaci, N., Denat, A., Belevtsev, A.A. Spectroscopic investigation of corona discharges in liquid and high density gaseous nitrogen 23156
Nur, O., Willander, M., Turan, R., Sardela, M.R., Jr., Hansson, G.V. Low Schottky barrier junctions on strained p-$Si_{1-x}Ge_x$ for infrared detection 54265
Nur, O., Willander, M., Turan, R., Sardela, M.R., Jr., Radamson, H.H., Hansson, G.V. Electrical and structural characterization of PtSi/p-$Si_{1-x}Ge_x$ low Schottky barrier junctions prepared by co-sputtering 42930
Nur, O. *see* Wahab, Q. 12879
Nur Cakar, A. *see* Eskiizmirliler, S. 59435
Nurani, R. *see* Elias, A. 39890
Nurani, R.K., Akella, R., Strojwas, A.J. In-line defect sampling methodology in yield management: an integrated framework 343
Nurani, R.K. *see* McIntyre, M. 30361
Nurdin, M. Assessment of strategic approaches to the commercialization of fuel cells 19984
Nurgaliev, T., Chakalov, R.A., Ivanov, Z., Donchev, T., Spasov, A. Microwave properties of YBCO thin films in the weakly coupled grain model 43740
Nurgaliev, T. *see* Donchev, T. 55149
Nurgaliev, T. *see* Kojouharov, R. 11700
Nuri, I. *see* Nuri, V. 35855
Nuri, V. Space-frequency adaptive trellis-coded wavelet image coding 25606
Nuri, V., Bamberger, R.H. Spatially-varying, adaptive subband image coding 57251
Nuri, V., Nuri, I. Optimal bit allocation for high quality wavelet color image codec 35855
Nurmi, J. The electric concept [ship propulsion] 29808
Nurmikko, A., Gunshor, R.L. Wide bandgap semiconductors: blue-green lasers and exciton physics 44474
Nurmikko, A.V. *see* Gunshor, R.L. 21237
Nurmikko, A.V. *see* Jeon, E.S. 12503
Nurmikko, A.V. *see* Kozlov, V. 24157
Nurmonen, J. On winning strategies with unary quantifiers 10277
Nurnberger, G. Approximation order of bivariate spline interpolation 567
Nurnberger, J., Faschinger, W., Schmitt, R., Korn, M., Ehinger, M., Landwehr, G. Optimization of p-contacts on ZnSe diodes 44457
Nurnberger, J. *see* Eisert, D. 55638
Nurre, G. *see* Edberg, D. 49861
Nurushev, S.B. *see* Akchurin, N. 37077
Nurushev, S.B. *see* Glavanakov, I.V. 37260
Nusinovich, G.S., Danly, B.G., Levush, B. Gain and bandwidth in stagger-tuned gyroklystrons 31707
Nusinovich, G.S., Levush, B. Bandwidth and gain in stagger-tuned multi-cavity gyroklystrons 1942
Nusinovich, G.S., Levush, B., Dumbrajs, O. Optimization of multistage harmonic gyrodevices 1941
Nusinovich, G.S., Saraph, G.P., Granatstein, V.L. Scaling law for ballistic bunching in multicavity harmonic gyroklystrons 41791
Nuss, M.C. *see* Boivin, L. 58382
Nuss, M.C. *see* Brener, I. 11677
Nuss, M.C. *see* Cundiff, S.T. 25845
Nuss, M.C. *see* Ford, J.E. 36154
Nuss, M.C. *see* Ford, J.E. 36176
Nuss, M.C. *see* Mittleman, D.M. 3537
Nuss, M.C. *see* Mittleman, D.M. 58969
Nussbaum, C., Booth, T., Ilo, A., Pfuetzner, H. A neural network for the prediction of performance parameters of transformer cores 23385
Nussbaum, M. *see* Abe, K. 37234
Nussbaum, M. *see* Hansen, J. 37584
Nussbaum, P., Volkel, R., Herzig, H.P., Dandliker, R. Micro-optics for sensor applications 13779
Nussbaum, P. *see* Mange, D. 1288
Nussbaum, P. *see* Volkel, R. 12846
Nussbaum, P. *see* Volkel, R. 42878
Nussbaumer, H.J. *see* Berthet, G.G. 25977
Nussbaumer, H.J. *see* Chutani, S. 46940
Nussbaumer, H.J. *see* Noubir, G. 57657
Nusse, S., Bolivar, P.H., Kurz, H., Levy, F., Chevy, A., Lang, O. Femtosecond coherent polariton dynamics in the layered III-VI semiconductor InSe 42036
Nusslin, F. *see* Laub, W.U. 49773
Nuteson, T.W., Huan-Sheng Hwang, Steer, M.B., Naishadham, K., Harvey, J., Mink, J.W. Analysis of finite grid structures with lenses in quasi-optical systems 53554
Nutov, Z. *see* Dinitz, Y. 30487
Nutt, R. *see* Rogers, J.G. 28162
Nuttall, A.H. Detection performance of power-law processors for random signals of unknown location, structure, extent, and strength 25045
Nuttall, B.W. *see* Finch, J.W. 38681
Nutzel, J.F. *see* Jaumann, M. 2578
Nutzel, J.F. *see* Kruck, P. 17348
Nutzenadel, C., Kuttel, O.M., Groning, O., Schlapbach, L. Electron field emission from diamond tips prepared by ion sputtering 1906
Nuyts, J. *see* Bijnens, B. 18356
Nuyts, J. *see* De Man, B. 49526
Nuyts, R.J., Tzeng, L.D., Mizuhara, O., Gallion, P. Effect of transmitter speed and receiver bandwidth on the eye margin performance of a 10-Gb/s optical fiber transmission system 47974
Nuyts, R.J., Tzeng, L.D., Mizuhara, O., Gallion, P. New analytical results on fiber parametric gain and its effects on ASE noise 47975
Nuyts, R.J., Yong Kwan Park, Gallion, P. Dispersion equalization of a 10 Gb/s repeatered transmission system using dispersion compensating fibers 26788
Nuzzo, L. *see* Betin, F. 61172
Nuzzo, R.G. *see* Eliadis, E.D. 40511
Nwankpa, C.O. *see* Carullo, S.P. 19103
Nwi Feng *see* Feng Nwi
Nwosu, K.C. *see* Orji, C.U. 48224
Nxumalo, J.N., Shimizu, D.T., Thomson, D.J., Simard-Normadin, M. High-resolution cross-sectional imaging of MOSFETs by scanning resistance microscopy 22850
Nyang, D.H. *see* Lim, H.T. 46587
Nyang DaeHun *see* DaeHun Nyang
Nyarko, D.J., Stromsmoe, K.A. A modified DFT for improved accuracy in harmonic measurements of periodic waveforms 15169
Nyb, K. *see* Berg, M. 37259
Nyberg, C. *see* Ahlfors, U. 46541
Nyberg, C. *see* Kihl, M. 47307
Nyberg, I. *see* Opperud, T. 58026
Nyberg, J. *see* Palacz, M. 37539
Nyberg, K. Generalized Feistel networks 4555
Nyberg, K. *see* Anderson, R. 24677
Nyberg, T., Heszler, P., Carlsson, J.O. Diamond deposition from halogenated methane precursors on Si and SiC substrates 40608
Nyberg, T. *see* Skytt, P. 37580
Nye, J.F., Liang, W. Theory and measurement of the field of a pyramidal horn 4352
Nye, J.F. *see* Liang, W. 24609
Nye, J.F. *see* Liang, W. 56143
Nygaard, H., Yoganathan, A.P. In vivo and in vitro evaluation of turbulent stresses downstream of the St. Jude medical aortic valve 28441
Nygaard, T. PMC-SCI adapter brings the scaleable coherent interface to the embedded market 57832
Nygaard, T. PMC I/O subsystem for VMEbus and RACEway 57839
Nygard, E. *see* Beringer, J. 37394
Nygard, E. *see* Ronnqvist, C. 59367
Nygard, E. *see* Weilhammer, P. 37381
Nygard, E. *see* Weilhammer, P. 37429
Nygren, A., Firek, L., Clark, J.W., Jr., Lindblad, D.S., Clark, R.B., Giles, W.R. A model of the adult human atrial cell 49725
Nygren, M. *see* Ekstrand, A. 54730
Nygren, S. *see* Mouroux, A. 42690
Nygren, T., Markkanen, M. Long alternating codes. I. Search by playing dominoes 36212
Nygren, T., Markkanen, M., Lehtinen, M., Kaila, K. Application of stochastic inversion in auroral tomography 38055
Nygren, T. *see* Markkanen, M. 36213
Nygren, T. *see* Saksman, E. 60047
Nyholm, K. *see* Lekkala, J. 18191
Nyklinski, A. *see* Gonka, J. 9215

Nykolak, G., de Barros, M.R.X., Nielsen, T.N., Eskildsen, L. All-fiber active add-drop wavelength router 58373
Nykolak, J. *see* Haner, M. 16744
Nylandsted, L.A., Shiryaev, S.Yu., Gaiduk, P., Tishkov, V.S. Rapid thermal annealing of arsenic implanted relaxed $Si_{1-x}Ge_x$ 32109
Nylandsted, L.A. *see* O'Raifeartaigh, C. 30743
Nylandsted Larsen, A., O'Raifeartaigh, C., Barklie, R.C., Holm, B., Priolo, F., Franzo, G., Lulli, G., Bianconi, M., Nipoti, R., Lindner, J.K.N., Mesli, A., Grob, J.J., Cristiano, F., Hemment, P.L.F. MeV ion implantation induced damage in relaxed $Si_{1-x}Ge_x$ 42371
Nylandsted Larsen, A. *see* Monakhov, E.V. 31887
Nylen, P. *see* Street, R.A. 33228
Nyman, A. *see* Tykeson, K. 8863
Nyman, B.M. *see* Bergano, N.S. 26823
Nyman, M. *see* Daftari, I.K. 18503
Nyong, D. *see* Cosmas, J. 26243
Nyquist, D.P. *see* Dai, Y. 36235
Nyquist, D.P. *see* Rothwell, E.J. 28706
Nyrkoya, L.I. *see* Andriiko, A.A. 29582
Nys, J.P. *see* Tetelin, E. 2382
Nystrom, G.U. *see* Vessot, R.F.C. 48294
Nystrom, I. *see* Borgefors, G. 15890
Nysveen, A., Nilssen, R. Time domain simulation of magnetic systems with a general moving geometry 50993
Nywen Sheu *see* Cheng-Tsung Liu 9272

O, A.de la *see* de la O, A.
O., A.Marcano *see* Marcano O., A.
O., N.Morales *see* Morales O., N.
O Beom-hoan *see* Beom-hoan O
O-Kyun Kwon *see* Young-Wan Choi 23616
O-Seung Yang, Song-Cheol Hong, Young-Se Kwon Surface-emitting microlensed LED and its self-focusing effect 33294
Oakberg, T.C. Measurement of low-level strain birefringence in optical elements using a photoelastic modulator 59053
Oakes, D.B., Gelb, A., Green, B.D., Pirri, A.N., Wolfson, R. Hyperthinning of silicon and SiO_2 for low power electronic applications 12799
Oakes, I.K., Lee, G.L. Approaches to innovation amongst component suppliers: some smaller firm perspectives 52123
Oakey, P. *see* Tiemessen, M. 32251
Oakland, V. Broadband from above 58246
Oakley, B., II Helping faculty develop new asynchronous learning environments 20592
Oakley, C.G. *see* Dietz, D.R. 28199
Oakley, C.G. *see* Guess, J.F. 18370
Oakley, C.G. *see* Pazol, B.G. 18368
Oakley, D.L. *see* Cicci, D.A. 18588
Oakley, E. *see* Morris, J.E. 41620
Oakley, J.P. *see* Farrow, G.S.D. 15472
Oakley, T.W. *see* Peters, H.E. 17186
Oaku, H. *see* Shimada, M. 8313
Oana, Y. The cost of producing AMLCDs 13713
Oara, C., Van Dooren, P. An algorithm for computing the staircase form of a system pencil and related geometric aspects 39970
Oara, C., Van Dooren, P. An improved algorithm for the computation of structural invariants of a system pencil and related geometric aspects 39974
Oashi, T., Eimori, T., Morishita, F., Iwamatsu, T., Yamaguchi, Y., Okuda, F., Shimomura, K., Shimano, H., Sakashita, N., Arimoto, K., Inoue, Y., Komori, S., Inuishi, M., Nishimura, T., Miyoshi, H. 16 Mb DRAM/SOI technologies for sub-1 V operation 41171
Oates, A.S. *see* Filter, W.F. *(editor)* 39546
Oatley, J. *see* Stobbe, S. 29658
Oba, N. *see* Sasaki, T. 41094
Oba, T., Inaba, A. Sintering behavior of silver with various glass frits 10927
Obabkov, V.K., Nikiforov, A.P. Accuracy of automatic trimming frequency of free oscillations in symmetrical networks with resonantly earthed neutral [power systems] 38243
Obabkov, V.K., Nikiforov, A.P. Accuracy of automatic tuning of the frequency of free oscillations in symmetrical networks with a resonant grounded neutral 60248
Obaid, A., Sari, W., Karmouch, A. A protocol for a continuous multimedia player 47384
Obaidat, M.S. *see* Teng, J. 26150
Obana, I. Chaotic firing property of a neuron represented by an electronic circuit 41372
Obana, S. *see* Horiuchi, H. 24758
Obana, S. *see* Horiuchi, H. 26099
Obana, S. *see* Horiuchi, H. 35637
Obana, S. *see* Matsumoto, K. 35671
Obana, S. *see* Sugiyama, K. 24654
O'Bannon, T.E., Gearhart, S.A. Dual-mode infrared and radar hardware-in-the-loop test assets at the Johns Hopkins University Applied Physics Laboratory 28520
Obara, A. *see* Harada, K. 12700
Obara, A. *see* Katsumata, H. 2314
Obara, A. *see* Katsumata, H. 31930
Obara, A. *see* Kawasumi, Y. 12627
Obara, A. *see* Shibata, H. 31907
Obara, A. *see* Shima, T. 12445
Obara, A. *see* Shima, T. 12652
Obara, A. *see* Yamada, A. 31924
Obara, H. *see* Mawatari, Y. 55086
Obara, K. *see* Seki, M. 11644
Obara, K. *see* Shima, T. 12696
Obara, M. *see* Ezaki, M. 867
Obara, M. *see* Ezaki, M. 13795
Obara, M. *see* Shiratori, A. 33495
Obara, S. *see* Mutoh, N. 39325
Obarski, G.E., Larson, D.R., Phelan, R.J. Relative intensity noise of an InGaAsP laser over a 22 GHz bandwidth at cryogenic and room temperature 33484
Obarski, G.E. *see* Jones, R.D. 55789
Obasih, K.M., Ige, O.O. Cooldown analysis of a conduction-cooled superconducting magnet for magnetic resonance therapy (MRT) 49473
Obasih, K.M., Mruzek, M.T. Thermal design and analysis of a cryogenless superconducting magnet for interventional MRI therapy 49472
Obata, H. *see* Sakawa, M. 21100
Obata, K. *see* Ayaki, T. 35976
Obata, K. *see* Mori, T. 13864
Obata, M. *see* Kato, D. 36336
Obata, M. *see* Kato, D. 48212
Obata, S. *see* Gotoh, S. 49822
Obayashi, S., Zander, J. A deterministic man-made shadowing model for indoor radio communication environment 34044
Obee, J. *see* Petric, H. 4601
Obeidat, A.T., Kalayjian, Z., Andreou, A.G., Khurgin, J.B. A model for visible photon emission from reverse-biased silicon p-n junctions 44261
Obelleiro, F., Rodriguez, J.L., Pino, A.G. An automatic location algorithm of MoM basis in the hybrid GMT-MoM method 24464
Obelleiro, F., Rodriguez, J.L., Pino, A.G. Hybrid GMT-MoM method for solving electromagnetic scattering problems 45064
Obelleiro, F., Rodriguez, J.L., Pino, A.G. A progressive physical optics (PPO) method for computing the electromagnetic scattering of large open-ended cavities 45300
Obenschain, S.P. *see* Lehecka, T. 23734
Obenschain, S.P. *see* Sethian, J.D. 51265
Ober, U., Glesner, M., Herpel, H.-J. CAPpartx: computer aided prototyping partitioning for Xilinx FPGAs, a hierarchical partitioning tool for rapid prototyping 11145
Ober, U. *see* Herpel, H.-J. 11475
Oberacker, T.A. *see* Braunger, D. 10881
Oberafo, A.A., Zebaza Kana, M.G., Odunaike, R.K. Electrical transport across singly and doubly-deposited layers of Ge in Al-Ge-Au sandwich structures 54310
Oberg, A., Gustafsson, R., Saksvik, O., Stomberg, H., Olsson, K.-E. The ageing physics of electrical contacts subjected to DC current 11795
Oberg, A., Olsson, K.-E. Computer simulation of the influence of intermetallics on the stability of electrical contacts 11793
Oberg, B. *see* Johansson, B. 20289
Oberg, D. *see* Nichols, D.K. 43107
Oberg, D.L., Wert, J.L., Normand, E., Majewski, P.P., Wender, S.A. First observations of power MOSFET burnout with high energy neutrons 22864
Oberg, J., Kumar, A., Hemani, A. Grammar-based hardware synthesis of data communication protocols 1322
Oberg, O. *see* Weber, J.-P. 16783
Oberg, O. *see* Weber, J.-P. 26935
Oberg, P.A. Clinical engineers as innovators and product developers 18174
Oberg, P.A. *see* Cai, H. 37633
Oberg, P.A. *see* Olsson, E. 37635
Oberg, P.A. *see* Pettersson, H. 18323
Oberg, P.Ake *see* Ake Oberg, P.
Oberg, S. *see* Ashwin, M.J. 758
Oberheide, J., Wilhelms, P., Zimmer, M. New results on the absolute ion detection efficiencies of a microchannel plate 59344
Oberholzer, J.W. *see* de Kock, A. 30104
Oberle, J. *see* Jonusauskas, G. 55821
Oberle, L.G. *see* Tuma, M.L. 36926
Oberle, W. *see* White, K.J. 33867
Oberle, W.F., Wren, G.P. An analysis of ballistic parameters/mechanisms affecting efficiency in electrothermal-chemical (ETC) guns 33861
Oberle, W.F. *see* Bourham, M.A. 33857
Oberle, W.F. *see* Katulka, G.L. 33859
Oberle, W.F. *see* Wren, G.P. 33868
Oberlin, B. *see* Chung, T.C. 213
Oberlin, J.C. *see* Schut, H. 42359
Obermann, K., Kindt, S., Breuer, D., Petermann, K., Schmidt, C., Diez, S., Weber, H.G. Noise characteristics of semiconductor-optical amplifiers used for wavelength conversion via cross-gain and cross-phase modulation 33544
Obermann, K., Kindt, S., Koltchanov, I., Breuer, D., Petermann, K., Diet, S., Ludwig, R., Weber, H.G. Amplified spontaneous emission noise of wavelength converters exploiting cross-gain and cross-phase modulation in semiconductor-laser amplifiers 48021
Obermann, K., Koltchanov, I., Petermann, K., Diez, S., Ludwig, R., Weber, H.G. Noise analysis of frequency converters utilizing semiconductor-laser amplifiers 14187
Obermann, K. *see* Kindt, S. 13898
Obermeier, E. *see* Fricke, J. 17265
Obermeier, E. *see* Li Qiu 13165
Obermeier, E. *see* Lossy, R. 54364
Obermeier, E. *see* Maier-Schneider, D. 22206
Obermeier, E. *see* Mutschall, D. 36781
Obermuller, C., Bickel, F., Frank, W., Karrai, K. Spatial distribution of electromagnetic fields of sub-wavelength sized apertures 55206
Obermyer, R.T. *see* Denes, L.J. 55341
Oberoi, S. A protocol for lossy transmission of digital video 25453
Oberschelp, W. *see* Lipinski, B. 49500
Oberschmid, R. *see* Klehr, A. 23912
Oberschmidt, G., Jacob, A.F. Non-uniform wavelets in electromagnetic scattering analysis 33966
Oberschmidt, J. *see* Capasso, C. 32299
Oberski, M. *see* Lussem, G. 13871
Oberson, V. *see* Audet, J. 20909
Oberti, M. *see* Lovati, V. 9609
Oberti, M. *see* Morisi, L. 51786
Obi, T. *see* Kondoh, T. 46179
Obi, T. *see* Nishizawa, H. 24995
Obina, T. *see* Shintake, T. 49228
Obinata, G. *see* Fujita, T. 975
Obinata, K. *see* Chen, L.T. 47193
Obinata, S. *see* Fujihira, T. 13079
Obinata, T. *see* Suemune, I. 40468
Obinata, T. *see* Suzuki, H. 31966
Obinelo, I.F. *see* Barrett, A.V. 52283
Obitz, D.L. *see* Minadeo, M.M. 39759
Obodnikov, V.I. *see* Myasnikov, A.M. 54015
Obodovski, I., Kirsanov, M., Pokachalov, S. Electron avalanches in liquid xenon induced by space charge 23117
Obokata, K., Iwasaki, Y., Bao, F., Igarashi, Y. Independent spanning trees of product graphs and their construction 10328
Obote, S. *see* Sumi, Y. 40946
Obote, S. *see* Sumi, Y. 53062
O'Boyle, P., Ming, J., McMahon, J., Smith, F.J. Improving n-gram models by incorporating enhanced distributions 14889
Oboznov, V.A. *see* Seng, P. 43814
Obradors, X. *see* Seffar, A. 3145
Obradovic, B. *see* Morris, S.J. 42398
Obradovic, B. *see* Tian, S. 42397
Obradovic, M. *see* Markovic, M. 45691
Obradovic, M.M. *see* Vucic, D.Z. 24635
Obradovic, Z. *see* Drossu, R. 53499
Obradovich, B. *see* Parab, K.B. 12693
Obradovich, B. *see* Yang, S.-H. 54344
Obradovich, B. *see* Yong, S.-H. 12655
Obradovich, J.H., Woods, D.D. Users as designers: how people cope with poor HCI design in computer-based medical devices 49746
Obraztsova, E.D. *see* Buchin, E.Yu. 31743
Obraztsova, E.D. *see* Karabutov, A.V. 53922
Obraztsova, E.D. *see* Nistor, L.C. 40644
Obregon, J. *see* Laporte, E. 53664
Obregon, J. *see* Prigent, M. 1060
Obregon, J. *see* Quere, R. 53691
Obreja, V.V.N., Dinoiu, Gh. On the nature of leakage current of fast recovery silicon pn junctions 42096
Obreza, P. *see* Bajd, T. 49757
O'Brian, T.R. *see* Byrd, D.A. 17177
O'Brien, A., Balkan, N., Roberts, J. Ultra bright surface emission from a distributed Bragg reflector hot electron light emitter 23960
O'Brien, D.C., McKnight, D.J., Fedor, A. A holographically routed optical crossbar using a ferroelectric liquid-crystal over silicon spatial light modulator 33153
O'Brien, H. *see* Beard, C.A. 7757
O'Brien, J., Holt, H., Maney, H., Orwig, L. Interferometric radar imaging using the AN/APG-76 radar 8664
O'Brien, J., Painter, O., Lee, R., Cheng, C.C., Yariv, A., Scherer, A. Lasers incorporating 2D photonic bandgap mirrors 14105
O'Brien, J.C. *see* MacIntyre, J. 36376
O'Brien, J.F. *see* Neat, G.W. 49860
O'Brien, K.D. *see* Capucciati, M. 46991
O'Brien, P., Malik, M.A., Chunggaze, M., Trindade, T., Walsh, J.R., Jones, A.C. Precursor chemistry: remaining challenges and some novel approaches 40318
O'Brien, P., Walsh, J.R., Watson, I.M., Hart, L., Silva, S.R.P. Properties of cadmium sulphide films grown by single-source metalorganic chemical vapour deposition with dithiocarbamate precursors 12260
O'Brien, P. *see* Taudt, W. 40588
O'Brien, S., Geels, R.S., Plano, W.E., Lang, R.J. 1.26 W CW diffraction-limited InGaAsP flared amplifier at 780 nm 33527
O'Brien, S., Lang, R., Parke, R., Major, J., Welch, D.F., Mehuys, D. 2.2-W continuous-wave diffraction-limited monolithically integrated master oscillator power amplifier at 854 nm 44508
O'Brien, S., Schoenfelder, A., Lang, R.J. 5 W CW diffraction-limited InGaAs flared amplifier at 980 nm 44566
O'Brien, S., Somashekar, A. Etching SiO_2 films in aqueous 0.49% HF [wafer cleaning] 42480

O'Brien, S. *see* Chatterjee, A. 54800
O'Brien, S. *see* MacCormack, S. 44510
O'Brien, S. *see* Nag, S. 42596
O'Brien, S.L., McDougall, M.M., Barkley, W.E. Howard Hughes Medical Institute dose assessment survey 49821
O'Brien, T., Linton, N., Jonas, M., Linton, R., Band, D. Point-of-care sensor technology for critical care applications 49392
O'Brien, W.D., Jr., Zachary, J.F. Lung damage assessment from exposure to pulsed-wave ultrasound in the rabbit, mouse, and pig 59829
O'Brien, W.D., Jr. *see* Chen, E. 18354
O'Brien, W.D., Jr. *see* Webb, A.G. 28419
Obrocka, A. Application of ISO 9000 series standards to quality systems of telecom services 5949
Obrutsky, L.S., Sullivan, S.P., Cecco, V.S. Transmit-receive eddy current probes for crack detection 40704
O'Bryan, H.M. *see* Cava, R.J. 43422
O'Bryan, H.M. *see* Fratello, V.J. 13432
Obuchi, M. *see* Shinohara, H. 59402
Obuchowicz, A., Honczarenkoz, J., Banaszak, Z.A. Modelling and control design of repetitive processes using (max,+) algebra 39884
Obuchowski, N.A. *see* Davros, W.J. 59454
Obukhov, S.A. *see* Voronina, T.I. 54146
Obukhovskii, V.V. *see* Karpov, G.M. 14475
Obukhovskii, V.V. *see* Karpov, G.M. 24304
Obukhovsky, V.V. *see* Karpov, G.M. 14464
Obydennikov, S.S. *see* Azanov, I.B. 28543
Ocali, O., Atalar, E. Intravascular magnetic resonance imaging using a loopless catheter antenna 28270
Ocali, O. *see* Atalar, E. 7989
O'Callaghan, M.J., Perlmutter, S.H., TeKolste, R. Compact optical processing systems using off-axis diffractive optics and FLC-VLSI spatial light modulators 34998
Ocampo, M. *see* Sebastian, P.J. 7349
Ocana, F.A. *see* Aguilera, A.M. 434
Occhipinti, L. *see* Caponetto, R. 34545
Occhipiuti, I. *see* Langer, H. 18781
Occorsio, D. *see* Mastroianni, G. 10439
Ochadlick, A. *see* Rino, C.L. 50082
Ochayon, M. *see* Peled, A. 3449
Ochi, A. *see* Furuya, M. 43426
Ochi, A. *see* Kibi, Y. 11767
Ochi, A. *see* Ohshima, Y. 18083
Ochi, A. *see* Saitou, S. 31102
Ochi, A. *see* Tanimori, T. 37261
Ochi, H. An exact minimization of AND-EXOR expressions using encoded MRCF 21593
Ochi, H. A zero-suppressed BDD package with pruning and its application to GRM minimization 21594
Ochi, H. ASAver.1: an FPGA-based education board for computer architecture/system design 39631
Ochi, H., Baba, Y., Segawa, S. Internal capacitor of low temperature co-fired multilayer ceramic substrate 11752
Ochi, H., Yajima, S. Formal design verification of combinational circuits specified by recurrence equations 1033
Ochi, H. *see* Higa, Y. 4817
Ochi, H. *see* Higa, Y. 15395
Ochi, H. *see* Shiomi, S. 37630
Ochi, H. *see* Suzuki, K. 53436
Ochi, K. *see* Miyazaki, N. 19506
Ochi, K. *see* Toda, K. 7473
Ochi, M. *see* Gotoh, S. 49822
Ochi, Y. *see* Ishii, A. 46140
Ochiai, H. *see* Fukunaga, H. 3122
Ochiai, J. *see* Shimizu, H. 51743
Ochiai, K.-I. *see* Hamasaki, T. 11540
Ochiai, M. *see* Patel, D. 23956
Ochiai, M. *see* Sokolovskii, G.S. 44232
Ochiai, M. *see* Yamagishi, Y. 10225
Ochiai, M. *see* Yamaguchi, I. 11988
Ochiai, S. *see* Irimajiri, Y. 60067
Ochiai, T. *see* Matsuhashi, H. 2643
Ochiai, T. *see* Miyazaki, M. 54049
Ochiai, Y., Fujita, J., Matsui, S. Electron-beam-induced deposition of copper compound with low resistivity 21349
Ochiai, Y., Yamamoto, K., Ishibashi, K., Bird, J.P., Aoyagi, Y., Sugano, T., Ferry, D.K. Experimental evidence for boundary and impurity scattering related crossover in quasi-ballistic wires 12468
Ochiai, Y. *see* Bird, J.P. 12467
Ochiai, Y. *see* Fujita, J. 32287
Ochiai, Y. *see* Kawaura, H. 54673
Ochiai, Y. *see* Nakahara, Y. 2807
Ochiai, Y. *see* Nozu, M. 39829
Ochiai, Y. *see* Ohnishi, Y. 42822
Ochiai, Y. *see* Sasaki, N. 42237
Ochii, K. *see* Kato, H. 21690
Ochilov, S.M. *see* Muminov, R.A. 50819
Ochilov, S.M. *see* Muminov, R.A. 51569
Ochkin, V.N., Witteman, W.J., Ilukhin, B.I., Kochetov, I.V., Peters, P.J.M., Udalov, Y.B., Tskhai, S.N. Influence of the electric field frequency on the performance of a RF excited CO_2 waveguide laser 23752
Ochkin, V.N. *see* Tskhai, S.N. 44364
Ochoa, J.R. *see* Le, H.Q. 14089
Ochoa, J.R. *see* Le, H.Q. 14123
Ochoa, V. *see* Gang Bai 2437
Ochsenschlager, P. *see* Capellmann, C. 6299
Ocker, B., Radloff, W., Saunders, M. A high productivity sputtering system for 3rd generation AMLCD 13727
Ocker, B. *see* Stollenwerk, J. 13731
Ocola, L.E., Fryer, D., Nealey, P., DePablo, J., Cerrina, F., Kammer, S. Latent image formation: nanoscale topography and calorimetric measurements in chemically amplified resists 22721
O'Connell, K.J. Object-adaptive vertex-based shape coding method 35199
O'Connell, M. *see* Chalermwat, P. 57223
O'Connell, M. *see* Smith, I.W. 23718
O'Connell, N. *see* Duffield, N.G. 5674
O'Connell, R.F. *see* Hu, G.Y. 13038
O'Connell, R.F. *see* Hu, G.Y. 22899
O'Connell, R.M. *see* Essah, D.N. 29413
O'Connell, R.M. *see* Yaow-Ming Chen 38241
O'Conner, T.P. *see* Cobb, A.T. 20520
O'Connor, D. *see* Fahd, G. 38459
O'Connor, D.C. *see* Solomon, S.C. 60062
O'Connor, D.N., Eppinger, S.D., Seering, W.P., Wormley, D.N. Active control of a high-speed pantograph 61244
O'Connor, D.P. *see* Libous, J.P. 43290
O'Connor, J. *see* Miller, G.L. 38532
O'Connor, J.J., Robertson, E.F. Developing mathematical intuition 52060
O'Connor, J.P. *see* Kawski, J.L. 42377
O'Connor, K.C. *see* Greenough, R.D. 48490
O'Connor, K.J. *see* Dutta, S. 15914
O'Connor, K.J. *see* Dutta, S. 31290
O'Connor, L. Nondegenerate functions and permutations 34586
O'Connor, L. *see* Hawkes, P. 14794
O'Connor, M.A. *see* Srinivasan, V. 30226
O'Connor, M.L., Elkaim, G.H., Parkinson, B.W. Carrier-phase DGPS for closed-loop control of farm and construction vehicles 17002
O'Connor, N. *see* Brady, N. 57017
O'Connor, P., Rehak, P., Gramegna, G., Corsi, F., Marzocca, C. CMOS preamplifier with high linearity and ultra low noise for X-ray spectroscopy 59315
O'Connor, P. *see* Gramegna, G. 59327
O'Connor, R.B. *see* Peterson, J.B. 21719
O'Connor, R.F., Williams, G.B. Standardising the design of automobile electronic inter-connection architectures using the analytical hierarchy process 29846
O'Connor, S.A., Drysdale, M. Ventricular fibrillation and implantable defibrillators 28447
O'Connor, T., Kopp, R. Producing course materials for electrical engineering instruction using Corel Draw 3.0 20698
O'Connor, T. *see* Kopp, R. 20612
Oda, H. *see* Shimizu, S. 2797
Oda, H. *see* Ueno, S. 1352
Oda, I., Otani, Y., Just, D., Liu, L., Yoshizawa, T. Vibration detection using photorefractive two-wave mixing in KNSBN:Cu crystal and its polarization effect 55909
Oda, J. *see* Wakiwaka, H. 9273
Oda, K., Fukui, M., Fukutoku, M., Umeda, A., Kitoh, T., Toba, H. 10 channel×10 Gb/s over 500 km optical FDM-add/drop multiplexing experiment employing a 16-channel arrayed-waveguide-grating ADM filter 16723
Oda, K., Fukutoku, M., Toba, H., Kitoh, T. 128-channel, 480-km optical frequency division multiplexing transmission employing 0.98-μm pumped erbium-doped fiber amplifiers and a gain equalizer 47903
Oda, K. *see* Fukui, M. 58294
Oda, K. *see* Kondo, M. 41465
Oda, K. *see* Miyake, Y. 19997
Oda, K. *see* Tanimoto, H. 11570
Oda, K. *see* Yamaoka, N. 58837
Oda, M., Tamaki, M., Takahashi, K., Tasaka, K. Removal of scattered neutrons in thermal neutron radiography using a multichannel collimator 1010
Oda, M., Uchiyama, S., Matsuda, T. Simulation of X-ray mask pattern displacement 32309
Oda, M., Uchiyama, S., Watanabe, T., Komatsu, K., Matsuda, T. X-ray mask fabrication technology for 0.1 μm very large scale integrated circuits 32305
Oda, M., Yokotani, A., Kurosawa, K. Fabrication of transparent conducting oxide films by using excimer laser ablation technique 21342
Oda, M. *see* Deguchi, K. 32291
Oda, M. *see* Setoguchi, K. 11998
Oda, M. *see* Sunouchi, K. 41169
Oda, M. *see* Suzuki, T. 11997
Oda, M. *see* Uchiyama, S. 32298
Oda, M. *see* Yamaguchi, M. 31602
Oda, N. *see* Kawano, M. 10675
Oda, N. *see* Mikagi, K. 42667
Oda, N. *see* Sano, M. 27562
Oda, N. *see* Sano, M. 48515
Oda, N. *see* Solin, S.A. 27441
Oda, O. *see* Noda, A. 52632
Oda, O. *see* Okazaki, H. 30838
Oda, O. *see* Seki, Y. 30699
Oda, S. *see* Ara, T. 29205
Oda, S. *see* Yamamoto, S. 43784
Oda, T., Kato, T., Takahashi, T., Shimizu, K. Nitric oxide decomposition in air by using nonthermal plasma processing–with additives and catalyst 38106
Oda, T., Takashima, K. Space charge distribution measuring system using PVDF piezoelectric thin film 32647
Oda, T. *see* Kasuga, T. 22707
Oda, T. *see* Nakamura, H. 46813
Oda, T. *see* Ogawa, T. 2499
Oda, T. *see* Yamashita, R. 39481
Odachi, N. *see* Nakano, H. 34413
Odagawa, H., Meguro, T., Yamanouchi, K. GHz-range low-loss wideband SAW filters using new narrow-gap floating electrode type unidirectional transducers 13380
Odagawa, H. *see* Yamanouchi, K. 32661
Odagawa, I. *see* Takeuchi, M. 13391
Odajima, K. *see* Hide-Aki Saito 35077
Odajima, W. *see* Kaminskii, A.A. 44738
Odajima, W. *see* Nishioka, H. 44652
Odajimu, W. *see* Kaminskii, A.A. 4012
Odaka, A. *see* Fujimoto, K. 21641
Odaka, K. *see* Aoki, Y. 5647
Odaka, K. *see* Nakano, H. 35815
Odaka, S. *see* Arai, Y. 37267
Odaka, S. *see* Arai, Y. 37268
O'Daly, J.P. *see* Junguo Zhao 7450
Odanaka, S., Hiroki, A. Potential design and transport property of 0.1-μm MOSFET with asymmetric channel profile 43043
Odanaka, S. *see* Misaka, A. 43298
Odanaka, S. *see* Wang, E.X. 12161
Odano, N. *see* Kanai, Y. 28461
Odarenko, E.N. *see* Chursin, V.S. 12082
Odashima, H., Kuroda, K., Matsushima, F., Tsunekawa, S., Takagi, K. dc bias dependence of metal-insulator-metal diodes as generators of far-infrared radiation 33702
Odashima, H. *see* Inoue, K. 10157
Odawara, K., Kawakami, H. Forwarding LCD technologies and industry 17617
Ode, T. *see* Fujita, H. 22657
Ode, T. *see* Kusunose, H. 22685
Ode, T. *see* Takizawa, H. 22656
O'Dea, R.J. *see* Miller, S.L. 24636
Odefey, M.L. *see* Culp, R.D. *(editor)* 39575
Odegaard, L.A. Using signals scattered from diffuse inhomogeneities to correct for phase aberrations caused by a phase-screen far from the transducer 28131
Odegard, J.E., Burrus, C.S. Discrete finite variation: a new measure of smoothness for the design of wavelet basis 15296
Odegard, J.E., Burrus, C.S. Smooth biorthogonal wavelets for applications in image compression 46360
Odegard, J.E. *see* Gotze, J. 4700
Odegard, J.E. *see* Guo, H. 39630
Odegard, J.E. *see* Selesnick, I.W. 45918
Odegard, J.E. *see* Tian, J. 6948
Odegard, O., Oygard, K.A. Learning in collaborative virtual environments–impressions from a trial using the Dovre framework 47187
Odeh, A., Wang, Y., Powner, E.T. Fault-tolerant ATM LAN/LAN interworking: inter-LAN connectionless data services 47125
Odell, J.J. *see* Valtchev, V. 15067
O'Dell, T.H. Skin effect for transient currents 11640
Odemer, C. *see* Knitter, R. 52841
Oden, J.T., Yusheng Feng Local and pollution error estimation for finite element approximations of elliptic boundary value problems 617
Oden, J.T. *see* Duarte, C.A. 10461
Oden, J.T. *see* Patra, A. 40258
Oden, P.I., Datskos, P.G., Thundat, T., Warmack, R.J. Uncooled thermal imaging using a piezoresistive microcantilever 7408
Oden, P.I., Wachter, E.A., Datskos, P.G., Thundat, T., Warmack, R.J. Optical and infrared detection using microcantilevers 27565
Oden, P.I. *see* Datskos, P.G. 7340
Oden, P.I. *see* Wachter, E.A. 7325
Odendaal, J.W., Joubert, J. Radar cross section measurements using near-field radar imaging 16838
Odendaal, R.Q. *see* Demanet, C.M. 2019
Odendaal, W.G., Ferreira, J.A., Roos, S.D. Leakage impedance design as function of frequency scaling in power transformers 38773
Odenwalder, E.P., III GIS takes on strategic role in upcoming telecom wars 5897
Odet, C. *see* Dupont, F. 52899
O'Dette, P. *see* Reine, M.B. 50042
Odgaard, M., Skou, E. SOFC cathode kinetics investigated by the use of cone shaped electrodes: the effect of polarization and mechanical load 29623
Odgers, J. *see* Kretschmer, D. 28984
Odgers, J. *see* Kretschmer, D. 28990
Odian, A.C. *see* Kotseroglou, T. 33602
Odic, E. *see* Goldman, A. 2979
Odierna, L.P. *see* Di Francia, G. 41817
Odinets, V.A. *see* Machehin, Yu.P. 17183
Odinokov, S.B., Kvashin, V.A., Petrov, A.V., Gibin, I.S., Potapov, A.N. Analysis of how the characteristics of an acoustooptic matrix-vector processor affect the precision of computations 5445
Odinokov, S.B., Smyk, A.F., Bondarev, L.A. Parallel-access optical memory for storing digital information on plastic holographic card 32989
Odinokov, S.B. *see* Evtikhiev, N.N. 6955

Odintsov, V.I., Ponomarev, A.N. Spectral width of oscillations and ultimate sensitivity of phase-conjugation systems with multiple light-beam intersections 55806
Odintsov, V.I., Sokolova, E.Y., Krupenin, A.I., Ponomarev, A.N., Terehin, R.I. FWM broad-band optical beams with tilted coherence layers 33616
Odlyzko, A.M. *see* Grigoriev, D. 21124
Odmark, A. *see* Engstrom, M. 59305
Odo, S., Yamashiro, T., Toguchi, M. A study of recognition system about free handwritten roman characters 56847
Odom, J. *see* Kurczynski, P. 59369
Odom, J. *see* Stahle, C.M. 37354
Odom, J.V. *see* Harding, G.F.A. 8056
O'Donnell, D. *see* Pergande, A. 17513
O'Donnell, F.J. *see* Betts, G.E. 44077
O'Donnell, F.J. *see* Donnelly, J.P. 3831
O'Donnell, F.J. *see* Donnelly, J.P. 14195
O'Donnell, G. An update on using boundary scan for system-level test integration 7195
O'Donnell, K., Aindow, M., Harris, I.R., Skomski, R., Coey, J.M.D. Structural imaging of mechanically alloyed remanence-enhanced $Sm_2Fe_{17}N_y/\alpha$-Fe 3127
O'Donnell, K.P., Breitkopf, T., Kalt, H., Van Der Stricht, W., Moerman, I., Demeester, P., Middleton, P.G. Optical linewidths of InGaN light emitting diodes and epilayers 44223
O'Donnell, K.P. *see* Andrianov, A.V. 41950
O'Donnell, K.P. *see* Baru, V.G. 12582
O'Donnell, K.P. *see* Nicholls, J.F.H. 10805
O'Donnell, K.P. *see* Van der Stricht, W. 21276
O'Donnell, K.P. *see* Woggon, U. 32037
O'Donnell, M., Eberle, M.J., Stephens, D.N., Litzza, J.L., San Vicente, K., Shapo, B.M. Synthetic phased array imaging of coronary arteries with an intraluminal array 18366
O'Donnell, M. *see* Shapo, B.M. 28188
O'Donnell, W.J. *see* Berger, D.G. 1867
O'Donoghue, K.F., Plunkett, T.R. Development and validation of network clock measurement techniques 6130
Odorico, A. *see* Feudale, F. 61361
Odou, J. *see* Nakayama, H. 28874
Odoulov, S., Shumelyuk, A., Hellwig, U., Rupp, R., Brost, G. New photorefractive ferroelectric material for red and near infrared: tin hypothiodiphosphate 3311
Odoulov, S. *see* Jakel, G. 44734
Odoulov, S. *see* Shcherbin, K. 3306
Odoulov, S. *see* Shcherbin, K. 14463
Odoulov, S. *see* von Bally, G. 4156
Odoulov, S.G., Shumelyuk, A.N., Brost, G.A., Magde, K.M. Enhancement of beam coupling in the near infrared for tin hypothiodiphosphate 13531
Odoulov, S.G., Shumelyuk, A.N., Hellwig, U., Rupp, R.A., Grabar, A.A., Stoyka, I.M. Photorefraction in tin hypothiodiphosphate in the near infrared 4105
Odoulov, S.G. *see* Goul'kov, M.Yu. 14310
O'Dowd, R. *see* Farrell, T. 58336
Odri, S. *see* Erdeljan, A. 47155
Odulov, S.G. *see* Sturman, B.I. 3310
Odunaike, R.K. *see* Oberafo, A.A. 54310
O'Dwyer, J., Evans, P. Triangular element refinement in automatic adaptive mesh generation 44884
O'Dwyer, J., Patterson, C., Reibe, T. Dual voltage alternator 29858
Odyn, S.V. *see* Bulatov, O.G. 51127
Oe, K., Asai, H. Proposal on a temperature insensitive wavelength semiconductor laser 23914
Oe, K. *see* Yamashita, K. 57779
Oe, K. *see* Yasaka, H. 36104
Oe, S., Enokihara, M., Hashida, M., Shinohara, Y. Texture segmentation method using decision-based neural networks 15864
Oe, S. *see* Chunke, Y. 28135
Oechsler, F. *see* Kreusel, J. 19890
Oechslin, P. *see* Almesberger, W. 26189
Oechslin, P. *see* Gauthier, E. 57620
Oechsner, H. *see* Bauer, S. 9549
Oeda, Y. *see* Shichijyo, S. 33660
Oeff, M. *see* Endt, P. 49511
Oeff, M. *see* Jazbinsek, V. 37692
Oeff, M. *see* Lewandowski, P. 49668
Oeff, M. *see* Link, A. 28383
Oeftiger, U., Hofmann, I. Simulation of the debunching process and adiabatic r.f. capture of intense beams 59139
Oehler, K. *see* Talluri, R. 35194
Oehler, K.L. Region-based wavelet compression for very low bit rate video coding 57298
Oehlers, W. Salient features of diesel-electric propulsion concepts for various ship types 29809
Oehlmann, H. *see* Brie, D. 52875
Oehme, L. *see* Schmitt, T. 37704
Oehrle, G. *see* Pratapneni, S. 53084
Oehser, C. *see* Krizan, P. 59293
Oei, Y.S. *see* Van der Tol, J.J.G.M. 23567
Oei, Y.S. *see* Van Der Tol, J.J.G.M. 44026
Oei, Y.S. *see* Verschuren, C.A. 52647
Oei, Y.S. *see* Vreeburg, C.G.M. 26871
Oei, Y.S. *see* Vreeburg, C.G.M. 44024
Oelgardt, G. *see* Knauer, A. 40357
Oelhafen, P. *see* Francz, G. 1993
Oelmann, B., Tenhunen, H. Micropipeline DSP-ASIC for a DS-SS receiver 16549
Oelmann, B. *see* Olson, H. 16617
Oelze, B., Ruck, B., Sodtke, E., Kirichenko, A.F., Kupriyanov, M.Yu., Prusseit, W. A 3 bit single flux quantum shift register based on high-T_c bicrystal Josephson junctions operating at 50 K 31211
Oepts, D. *see* Jaroszynski, D.A. 44590
Oepts, D. *see* Knippels, G.M.H. 14204
Oepts, D. *see* Weits, H.H. 33589
Oepts, W. *see* Gijs, M.A.M. 43655
Oerle, B.M.van *see* van Oerle, B.M.
Oertel, D. *see* Strobl, P. 18799
Oertel, D. *see* Zhukov, B. 8379
Oertel, D. *see* Zhukov, B. 15776
Oertel, J.A., Archuleta, T., Peterson, C.G., Marshall, F.J. Dual microchannel plate module for a gated monochromatic X-ray imager 37574
Oesch, L. *see* Miyamoto, J. 59269
Oesterdiekhoff, B. *see* Kutlowski, M. 57883
Oestergaard, L. *see* Blaabjerg, F. 29732
Oestergaard, L. *see* Blaabjerg, F. 51687
Oestergard, T. *see* Bolognesi, A. 55447
Oesterheld, G. Field distortion effects by an electro-optical field sensor and the resulting influence on the sensor output 17721
Oesterlei, R. *see* Brosius, B. 39367
Oestreich, M. *see* Wang, P.D. 12490
Oestreich, M. *see* Zhao, Q.X. 12411
Oestreicher, Y., Bauer, M., Scartezzini, J.-L. Accounting free gains in a non-residential building by means of an optimal stochastic controller 51638
Oetjen, H.-F., Schmidt, V.M., Stimming, U., Trila, F. Performance data of a proton exchange membrane fuel cell using H_2/CO as fuel gas 51494
Oeynhausen, H., Drosdziok, A., Deckers, M. Steam turbines for the new power plant generation 60537
Oezer, M. *see* Salamov, B.G. 53891
Ofek, E., Shilat, F., Rappoport, A., Werman, M. Multiresolution textures from image sequences 46159
Ofek, Y., Sohraby, K., Ho-Ting Wu Integration of synchronous and asynchronous traffic on the MetaRing and its performance study 35748
Ofek, Y., Yener, B. Reliable concurrent multicast from bursty sources 57618
Ofek, Y. *see* Li, C.-S. 6282
Offenberg, M. *see* Benrakkad, M.S. 12201
Offenwanger, R. *see* Bruck, J. 5755
Offers, B. A new role for automated traffic management 26026
Officer, S.M. *see* Lawler-Covell, M.R. 18838
Offord, E.A. *see* Taylor, M.B. 8145
Ofitserov, M.M. *see* Belousov, V.I. 17273
O'Flaherty, D.C. *see* Donegan, H.A. 8024
O'Flaherty, M., Cahill, C., Rodgers, K., Slattery, O. Validation of numerical models of ceramic pin grid array packages 39828
O'Flattery, M. *see* Rosten, H.I. 52280
O'Foghludha, F. *see* Arai, Y. 37267
O'Foghludha, F. *see* Arai, Y. 37268
Ofrim, D. *see* Pintilie, I. 3578
Ofuji, K. Transcutaneous signal transmission using figure-of-eight coils [functional electrical stimulation] 59751
Ofuji, K. *see* Matsuki, H. 8138
Ofuji, M. *see* Jinno, K. 61307
Ogale, S.B. *see* Shinde, S.R. 40694
Ogama, T. *see* Tanimura, J. 730
Ogami, H. *see* Noumi, H. 37073
Oganesyan, A.A. *see* Eganov, V.S. 7795
Ogar, V.I. *see* Pavlenko, Yu.F. 27260
Ogarev, S.A. *see* Aandreyev, G.A. 36024
Ogasa, M. *see* Watanabe, T. 51804
Ogasawara, I. *see* Nderu, J.N. 3032
Ogasawara, J. *see* Takahashi, N. 41939
Ogasawara, K., Laknath, K.D.G., Watanabe, S., Nakaoka, M., Uchihori, Y. Compact electromagnetic induction-heated fluid energy utilization system using voltage-fed resonant PWM inverter with power factor correction scheme 51844
Ogasawara, K. *see* Michihira, M. 51310
Ogasawara, K. *see* Yasuda, I. 29620
Ogasawara, M. *see* Sugiura, H. 31973
Ogasawara, S., Akagi, H. An approach to real-time position estimation at zero and low speed for a PM motor based on saliency 29682
Ogasawara, S., Ayano, H., Akagi, H. Measurement and reduction of EMI radiated by a PWM inverter-fed AC motor drive system 29675
Ogasawara, S., Ayano, H., Akagi, H. Measurement and reduction of EMI radiated by a PWM inverter-fed AC motor drive system 39266
Ogasawara, S. *see* Akizuki, M. 40535
Ogasawara, S. *see* Fujita, H. 38837
Ogasawara, T., Ohno, H., Karaki, K., Nishizawa, K., Akiba, A. Image transmission with a pair of graded-index optical fibers and a $BaTiO_3$ phase-conjugate mirror 4941
Ogasawara, T. *see* Morita, E. 20451
Ogasawara, Y., Mochizuki, S., Yada, T., Hiramatsu, O., Yamamori, S., Hosaka, H., Kajiya, F. A high speed CCD intravital video microscope–observation and analysis of microcirculation in a beating heart 18225
Ogasawara, Y. *see* Fujita, T. 975
Ogasawara, Y. *see* Hoshimiya, N. 59810
Ogashiwa, T., Hoshino, Y., Oho, E., Baba, N. A method for obtaining a SEM image with color information 1960
Ogashiwa, T. *see* Oho, E. 1959
Ogata, A., Nakajima, K., Nakanishi, H., Kawakubo, T. Production of micro-bunches by a laser wakefield in a plasma and its application: X-ray generation 18018
Ogata, H. *see* Harakawa, K. 14648
Ogata, H. *see* Nozawa, M. 43865
Ogata, K. *see* Takahashi, E. 41750
Ogata, K.-I., Kera, T., Kawaguchi, D., Fujita, S., Fujita, S. Characterization of p-type ZnSe grown by MOVPE; excitonic emission lifetime measurements 40471
Ogata, K.-I. *see* Orange, C. 31853
Ogata, M. *see* Yagi, A. 59591
Ogata, N. *see* Hodgson, A.J. 7440
Ogata, N. *see* Yamamota, K. 16628
Ogata, N. *see* Yamamoto, K. 21944
Ogata, S. *see* Kanai, M. 10132
Ogata, S. *see* Sekimoto, M. 45963
Ogata, S. *see* Shimizu, S. 843
Ogata, T., Kobayashi, K., Watanabe, H., Kurokawa, H., Matsui, Y., Hirayama, M. High-quality CVD/thermal stacked gate oxide films with hydrogen-free CVD SiO_2 formed in a $SiCl_4$-N_2O system 52791
Ogata, T. *see* Hirai, T. 20061
Ogata, T. *see* Ishizawa, M. 51500
Ogata, T. *see* Kato, N. 29548
Ogata, T. *see* Kuwata, Y. 51558
Ogata, T. *see* Mazumder, M.K. 54278
Ogata, W. *see* Kurosawa, K. 34535
Ogata, Y. *see* Ohsuka, S. 31723
Ogata, Y. *see* Takigawa, A. 28166
Ogawa, A. *see* Egawa, T. 44517
Ogawa, A. *see* Ishiguro, T. 35907
Ogawa, A. *see* Ishiguro, T. 35974
Ogawa, A. *see* Jamalipour, A. 6616
Ogawa, A. *see* Jamalipour, A. 16647
Ogawa, A. *see* Jamalipour, A. 36032
Ogawa, A. *see* Kuno, S. 46668
Ogawa, A. *see* Mizuno, K. 60950
Ogawa, A. *see* Nakagawa, H. 35906
Ogawa, A. *see* Noumi, H. 37073
Ogawa, A. *see* Okada, H. 26533
Ogawa, A. *see* Saito, M. 36061
Ogawa, A. *see* Sato, K. 14699
Ogawa, A. *see* Sato, T. 46665
Ogawa, A. *see* Wakaki, I. 25886
Ogawa, A. *see* Yamazato, T. 45511
Ogawa, C. *see* Tashiro, T. 22949
Ogawa, D., Ketner, L. Benchmarking product development 46847
Ogawa, E. *see* Kawamura, H. 26574
Ogawa, H. *see* Kawabata, K. 60038
Ogawa, H. *see* Kobayashi, O. 56203
Ogawa, H. *see* Li, M. 4657
Ogawa, H. *see* Murakami, T. 49064
Ogawa, H. *see* Noda, T. 33278
Ogawa, H. *see* Ogawa, I. 56194
Ogawa, H. *see* Okayama, H. 29415
Ogawa, I., Horikawa, K., Kitoh, T., Ogawa, H. Novel multibeam forming network miniaturized by optical slab waveguide 56194
Ogawa, I., Maeda, T. New electronic ballasts for fluorescent lighting fixtures 20214
Ogawa, I. *see* Idehara, T. 53993
Ogawa, J. *see* Gotoh, K. 1398
Ogawa, J. *see* Saito, M. 1397
Ogawa, K., Hiruma, K., Katsuyama, T. Photoluminescence characteristics of GaAs nanowhiskers: Effects of depletion potential 23662
Ogawa, K., Horiuchi, Y., Fujii, N. Calculation of electromagnetic forces for magnet wheels 51762
Ogawa, K., Nakagawa, K. The optimal IS simulation distribution of MMPP/D/1 queueing 46691
Ogawa, K., Suzuki, H., Suenaga, N., Nishida, M., Shimotani, M., Satake, T. A drowsiness detection system 9699
Ogawa, K., Uwano, T. Analysis of a diversity antenna comprising a whip antenna and a planar inverted F antenna for portable telephones 24553
Ogawa, K. *see* Miyamoto, T. 58547
Ogawa, K. *see* Nishiyama, M. 13054
Ogawa, K. *see* Nomizu, S. 7531
Ogawa, K. *see* Sakuta, S. 27887
Ogawa, K. *see* Sengoku, N. 2062
Ogawa, K. *see* Thomas, H.J. 26912
Ogawa, K. *see* Tsukuda, K. 7923
Ogawa, K. *see* Yoshida, Y. 25286
Ogawa, M. Analysis of the transient phenomena of magnetizing currents of transformer generated by DC interrupted excitations 53717
Ogawa, M., Itoh, M., Miyoshi, T. Analysis of valence-subband structures in a quantum wire with an arbitrary cross-section 12460
Ogawa, M. *see* Date, T. 17113
Ogawa, M. *see* Horiuchi, H. 51499
Ogawa, M. *see* Katayama, T. 13554
Ogawa, M. *see* Togawa, T. 18188
Ogawa, M. *see* Watanabe, T. 35934
Ogawa, N., Kohno, T., Yamada, M., Umehara, R., Arimoto, Y., Okamoto, S., Tsuruta, T. PWSCC susceptibility of mill annealed alloy 600 in reactor coolant system water during the high pH operation 9073
Ogawa, N. *see* Okada, K. 35874

Ogawa, O. Measurement of strain distribution on OPGW using Brillouin scattering light 58389
Ogawa, O., Kawakami, S. Analysis of anisotropic channel optical waveguide using an equivalent transformation of the index profile 44013
Ogawa, R. *see* Hase, T. 13519
Ogawa, R. *see* Hase, T. 55134
Ogawa, R. *see* Matsukura, N. 55099
Ogawa, S. A software and hardware fault-tolerant switching system architecture 35876
Ogawa, S., Kobayashi, T., Nakayama, S., Sakakibara, Y. Evaluation of hot-hole-induced interface traps at the tunnel-SiO_2 (3.5 nm)/Si interface by the conductance technique 54294
Ogawa, S. *see* Cho, H. 40735
Ogawa, S. *see* Futatsugi, T. 40736
Ogawa, S. *see* Iijima, T. 37238
Ogawa, S. *see* Kuribayashi, K. 23076
Ogawa, S. *see* Okamoto, A. 48728
Ogawa, T., Kawaai, S., Qiguang Tan, Nango, N. Dual beam light-scattering-tomography (LST) for detection of functional defects in nonlinear optical crystals 55910
Ogawa, T., Kawakita, K., Okano, M., Nakatani, S., Nakatani, S. A new interconnection technique using conductive paste for multilayered printed wiring board 11938
Ogawa, T., Sekiguchi, A., Yoshizawa, N. Advantages of a SiO_xN_y:H anti-reflective layer for ArF excimer laser lithography 32253
Ogawa, T., Uematsu, M., Takeuchi, K., Sekiguchi, A., Oda, T. Challenges to depth-of-focus enhancement with a practical super-resolution technique [photolithography] 2499
Ogawa, T., Yamaguchi, A., Yamanashi, H., Ito, M., Tachibana, H., Matsumoto, M., Sekitani, T., Tanaka, K. Photon-stimulated ion desorption measurement of organosilicon resist reactions in extreme ultraviolet lithography 32312
Ogawa, T. *see* Korematsu, S. 49383
Ogawa, T. *see* Nirasawa, H. 19661
Ogawa, T. *see* Ohfuji, T. 32273
Ogawa, T. *see* Oyama, Y. 52600
Ogawa, Y., Ichinose, H., Kaneko, T., Miura, T., Kishimoto, E., Nakatani, H. Activities at MEW's network testing center 16142
Ogawa, Y. *see* Akimoto, T. 37516
Ogawa, Y. *see* Arahira, S. 23970
Ogawa, Y. *see* Arahira, S. 55713
Ogawa, Y. *see* Hara, S. 22651
Ogawa, Y. *see* Hoshida, T. 14148
Ogawa, Y. *see* Hoshida, T. 44586
Ogawa, Y. *see* Hoshida, T. 55715
Ogawa, Y. *see* Jae-Young Choi 37156
Ogawa, Y. *see* Katoh, Y. 24020
Ogawa, Y. *see* Matsui, Y. 23907
Ogawa, Y. *see* Nirmalathas, A. 44506
Ogawa, Y. *see* Nitta, T. 60308
Ogawa, Y. *see* Ohsawa, S. 49204
Ogawa, Y. *see* Ohshima, K. 45856
Ogawa, Y. *see* Ohtake, N. 37889
Ogawa, Y. *see* Sato, A. 1145
Ogawa, Y. *see* Shirakawa, T. 36250
Ogawa, Y. *see* Ueda, K. 29652
Ogawa, Y. *see* Yamada, K. 23589
Ogawa, Y. *see* Yokoyama, T. 15824
Ogborn, L.L. *see* Wey, T.A. 1103
Ogden, R.T. *see* Hilton, M.L. 34796
Oge, T. *see* Fischer, B. 43476
Ogelman, H. *see* Tumer, T.O. 59361
Oggianu, S. *see* Guido, P.N. 29005
Oghanna, W. *see* Yang Xia 60759
Ogi, K. *see* Ito, Y. 2908
Ogi, K. *see* Ito, Y. 52748
Ogi, K. *see* Ushikubo, M. 52750
Ogier, J.L. *see* Degraeve, R. 43239
Ogihara, A. *see* Igawa, S. 15023
Ogihara, M., Shimizu, T., Taninaka, M., Nikamura, Y., Abiko, I. 1200 dots-per-inch light emitting diode array fabricated by solid-phase zinc diffusion 44296
Ogihara, N. *see* Fujino, Y. 34447
Ogihara, T., Nakamura, D., Yokoya, N. Data embedding into pictorial images with less distortion using discrete cosine transform 4503
Ogihara, T. *see* Murai, S. 11142
Ogilvy, J.A. *see* Du, J. 38133
Ogimoto, K. *see* Wakita, Y. 35782
Ogino, A. *see* Takeshita, K. 16165
Ogino, K. *see* Aizu, Y. 49538
Ogino, M. *see* Yamazaki, K. 58649
Ogino, S., Fujiwara, N., Miyatake, H., Yoneda, M. Influence of poly-Si potential on profile distortion caused by charge accumulation 54465
Ogino, S. *see* Kuroi, T. 2810
Ogino, T., Hibino, H., Homma, Y. Step arrangement design and nanostructure self-organization on Si(111) surfaces by patterning-assisted control 12170
Ogino, T., Hibino, H., Prabhakaran, K. Fabrication of nanostructures on silicon surfaces on wafer scale by controlling self-organization processes 22400
Ogino, T. *see* Prabhakaran, K. 32245
Ogita, E., Sakuma, H., Sakamoto, Y. Determination of step number in DC voltage measurement using Josephson junction array voltage standard 27234
Ogita, S., Lowery, A.J., Tucker, R.S. Influence of asymmetric nonlinear gain on the transient intensities of longitudinal modes in long wavelength Fabry-Perot laser diodes 23964
Ogita, S. *see* Higashi, T. 44581
Ogita, S. *see* Higashi, T. 58323
Ogita, S. *see* Kurakake, H. 55606
Ogita, S. *see* Tanaka, K. 26915
Ogita, S. *see* Yamamoto, T. 23945
Ogita, S. *see* Yamamoto, T. 26778
Ogitsu, T. *see* Devred, A. 37050
Ogitsu, T. *see* Tsuchiya, K. 49011
Ogiwara, H., Anzai, K. Modeling of time-correlated fading channel for analysis of trellis-coded modulation system 45518
Ogiwara, H. *see* Motegi, F. 45548
Ogiwara, J. *see* Nagata, H. 26816
Oglesby, S.J. *see* Beringer, J. 37394
Ogliani, F. *see* Ori, G.G. 48196
Ogoljuk, V.P. *see* Sugatchev, O.L. 28596
Ogoluk, V.P. *see* Pushkarev, G.P. 14508
Ogoma, T. Cable-car driving system for Hakone Tozan Railway Co., Ltd 29772
O'Gorman, J. *see* Weldon, V. 36747
O'Gorman, L., Rabinovich, I. Photo-image authentication by pattern recognition and cryptography 5663
O'Gorman, T. Sensorless control of a permanent magnet machine/gasoline engine using an extended Kalman filter 38683
Ogoshi, H. *see* Oshima, I. 44525
Ogot, M., Liang, Y., Cuitino, A. Hybrid simulation strategy for multiple planar collisions with changing topologies and local deformation 659
O'Grady, K. *see* Por, P.T. 13454
O'Grady, K. *see* Thomson, T. 32780
O'Grady, K.F., Easty, A.C. Electrosurgery smoke: hazards and protection 18488
Ogren, H. *see* Arai, Y. 37267
Ogren, H. *see* Arai, Y. 37268
Ogrutan, P., Gerigan, C. Testing PC power supply 9340
Oguchi, K. Novel passive star coupler with asymmetric wavelength characteristics for wavelength division multiplexed (WDM) star networks connection employing arrayed-waveguide-grating 26739
Oguchi, K., Yamada, T. Novel 18-step diode rectifier circuit with nonisolated phase shifting transformers 38865
Oguchi, K. *see* Okamoto, S. 35587
Oguchi, T., Takato, N., Hanafusa, H., Tomita, N., Enomoto, Y., Nakao, N. Design and fabrication of highly-dense optical components for in-service fiber testing and monitoring in subscriber loops 26918
Oguci, T. *see* Moriya, S. 28988
Oguma, T. *see* Toyohara, A. 47983
Ogumi, Z. *see* Ioroi, T. 51517
Ogumi, Z. *see* Katakura, K. 51541
Ogunbona, P.O. *see* Andrew, J.P. 30425
Ogunbona, P.O. *see* Shanbehzadeh, J. 46261
Ogunbona, P.O. *see* Shanbehzadeh, J. 56597
Ogunfunmi, T. *see* Wilhoyte, M.E. 5706
Ogunfunmi, T. *see* Worsley, D.J. 47333
Ogunjimi, A.O., Mannan, S.H., Whalley, D.C., Williams, D.j.. Assembly of planar array components using anisotropic conducting adhesives–a benchmark study: pt.I. Experiment 41701
Ogunjimi, A.O. *see* Mannan, S.H. 41702
Ogunjimi, Y.O. *see* Mannan, S.H. 12017
Ogura, A. Thinning of SOI bonded wafers by applying voltage during KOH etching: improvement of thickness variation by reducing leakage current 54446
Ogura, A. *see* Kawahira, H. 22632
Ogura, H. *see* Kiguchi, T. 14168
Ogura, H. *see* Matsuda, N. 52756
Ogura, H. *see* Miyagi, S. 4956
Ogura, I. *see* Nishikawa, T. 24043
Ogura, I. *see* Noda, Y. 60960
Ogura, I. *see* Saito, H. 3880
Ogura, K. *see* Nakagawa, S. 35635
Ogura, K. *see* Toyoshima, M. 16415
Ogura, M. *see* Mizuno, B. 2645
Ogura, M. *see* Uehara, T. 2803
Ogura, M. *see* Wang, X.-L. 30822
Ogura, N. *see* Noguchi, K. 59885
Ogura, N. *see* Yamada, I. 56589
Ogura, T., Fujita, H., Yokouchi, H. Analysis of noise properties of a new 2k–2k-matrix II-TV based digital radiography system 7948
Ogura, T. *see* Nakanishi, M. 5406
Ogura, T. *see* Yamamoto, Y. 29668
Ogura, Y. *see* Tanabe, H. 2478
Ogura, Y. *see* Yano, J. 54550
Oguri, H., Miyamoto, N., Okumura, Y., Mizumoto, M. Development of a negative ion source for a high intensity linac 49300
Oguri, H. *see* Hasegawa, K. 49054
Oguri, H. *see* Mizumoto, M. 49053
Oguri, K., Iwata, A., Yamauchi, K. Diagnostic information extraction from automated ECG analysis in anterior myocardial infarction using neural networks 28387
Oguri, T. *see* Uenoya, T. 1008
Oguri, T. *see* Yamada, M. 20879
Oguri, Y., Adachi, R., Tono, H., Nakajima, N., Endo, T. The effect of rare earth ion dopants on the grain size of Y_2O_2S phosphors 33250
Oguri, Y. *see* Sasa, K. 59165
Oguro, K. *see* Guo, S. 28059
Oguro, K. *see* Mizuhata, M. 51538
Oguro, K. *see* Shuxiang Guo 49382
Oguro, M. *see* Akiyama, T. 34775
Oguro, T., Koyama, H., Ozaki, T., Koshida, N. Mechanism of the visible electroluminescence from metal/porous silicon/n-Si devices 32052
Oguro, Y. *see* Nakayama, H. 28874
Ogurtsov, A. *see* Borisyuk, R. 37274
Ogushi, S. *see* Miyazaki, M. 54049
Ogusu, K., Kohtani, Y., Heng Shao Laser-induced diffraction rings from an absorbing solution 4047
Ogusu, M. *see* Miyachi, M. 16725
Oguzman, I.H. *see* Ilgu Yun 44253
Oguzman, I.H. *see* Kolnik, J. 12267
Oh, A.D. *see* Sang-Kyu Lee 58404
Oh, B. *see* Lee, S.Y. 32964
Oh, C. *see* Kang, S.H. 57611
Oh, C.H. *see* Nakadan, Y. 27255
Oh, D.J. *see* Chang, G.S. 7073
Oh, E. The basics of successful hand soldering 41623
Oh, H.-K., Baek, S.-Y., Park, S.-W., Lee, K.-S. Studies of image and resist profile by sublayer variation in deep UV lithography 2528
Oh, H.-K., Nam, B.-S., Baek, S.-Y. Effect of numerical aperture and partial coherence to the resist sidewall angle 2520
Oh, H.J., Kang, I.S. Effect of crucible geometry on the flow pattern in the magnetic field applied Czochralski process 10664
Oh, H.K. *see* Kim, D.J. 1362
Oh, H.S. *see* Babuska, I. 649
Oh, H.S. *see* Carin, L. 45109
Oh, J., Pyo, I., Pedrame, M. Constructing minimal spanning trees with lower and upper bounded path delays 1075
Oh, J.-G. Global strategic alliances in the telecommunications industry 16147
Oh, J.-H., Kim, J.-W., Kim, K.-D., Chang, S.-Y. A study on the development of high-speed wireless modem using DS/SS DQPSK modulation 47458
Oh, J.S., Park, S.S., Jang, S.D., Cho, M.H., Ko, I.S., Namkung, W., Jang, G.H. Prototype 2-stage magnetic pulse compression modulator for pulse power applications 51267
Oh, J.S. *see* Cho, M.H. 37112
Oh, J.S. *see* Park, S.S. 49075
Oh, J.Y. *see* Doo, S.G. 61054
Oh, K.G. *see* Baek, H.L. 50977
Oh, M. *see* Nguyenphu, B. 22919
Oh, M.-C. *see* Lee, S.-S. 27538
Oh, M.H. *see* Chung, B. 53917
Oh, M.H. *see* Jung, J.H. 41781
Oh, M.H. *see* Song, M.H. 13860
Oh, M.S. *see* Lee, B.W. 36594
Oh, N.Y. *see* Shin, H.K. 40637
Oh, S. *see* Chen, T.R. 23904
Oh, S. *see* Chen, T.R. 23920
Oh, S. *see* Chen, T.R. 55646
Oh, S. *see* Lee, T. 10098
Oh, S.-Y., Rahmat, K., Nakagawa, O.S., Moll, J. A scaling scheme and optimization methodology for deep sub-micron interconnect 2753
Oh, S.-Y. *see* Voorde, P.V. 43071
Oh, S.H., Kim, D.I., Chung, Y.H., Zoo, O.P., Yun, W.Y., Kim, K.J. Sensor signal validation method of nuclear power plant using the neural network and the inconsistency index 38467
Oh, S.H. *see* Arai, Y. 37267
Oh, S.H. *see* Arai, Y. 37268
Oh, S.K., Stapleton, S.P. Blind phase recovery using finite alphabet properties in digital communications 34768
Oh, S.M. *see* Lee, H.Y. 29606
Oh, S.M. *see* Young-Jin Hong 7481
Oh, S.R. *see* Dario, P. 27522
Oh, S.R. *see* Park, M.K. 51819
Oh, S.Y., Okasaki, K., Moll, J., Nakagawa, O.S., Rahmat, K., Chang, N., Hu, D., Chow, J., Young, T., Ho, W. 3D GIPER: global interconnect parameter extractor for full-chip global critical path analysis 43240
Oh, S.Y. *see* Choi, J.-W. 31642
Oh, T.-H., Huffaker, D.L., Deppe, D.G. Size effects in small oxide confined vertical-cavity surface-emitting lasers 3881
Oh, T.C. *see* Ahn, E.C. 39836
Oh, T.C. *see* Ahn, E.C. 39837
Oh, W.U. *see* Hahn, S.R. 30774
Oh, Y., Rai, S. A novel architecture for priority handling in an ATM multicast switch 46614
Oh, Y.T. *see* Han, M.S. 2026
Oh, Y.Y. *see* Son, J.W. 5712
Oh Byeong Ho *see* Byeong Ho Oh
Oh Cha Hwan *see* Cha Hwan Oh
Oh Chang Hwan *see* Chang Hwan Oh
Oh Changhwan *see* Changhwan Oh
Oh Changsuk *see* Changsuk Oh
Oh Cho Sung *see* Sung Oh Cho
Oh Choon-Sik *see* Choon-Sik Oh
Oh Choung Suk *see* Choung Suk Oh
Oh Dae Kon *see* Dae Kon Oh
Oh Dae-Il *see* Dae-Il Oh
Oh Dae-Sun *see* Dae-Sun Oh
Oh Eun-Soon *see* Eun-Soon Oh
Oh Geok-Lian *see* Geok-Lian Oh
Oh Hae-Seok *see* Hae-Seok Oh
Oh Hee Kuck *see* Hee Kuck Oh
Oh Hun-Seung *see* Hun-Seung Oh

Oh Hunseung *see* Hunseung Oh
Oh Hwa-Joon *see* Hwa-Joon Oh
Oh Hwan Sool *see* Hwan Sool Oh
Oh Hwang-Seok *see* Hwang-Seok Oh
Oh Il-Seok *see* Il-Seok Oh
Oh In-Hwan *see* In-Hwan Oh
Oh Jae-Chul *see* Jae-Chul Oh
Oh Jae-Hyuk *see* Jae-Hyuk Oh
Oh Jae-Kyung *see* Jae-Kyung Oh
Oh Jehwan *see* Hatatani, S. 40360
Oh Jong-Hoon *see* Jong-Hoon Oh
Oh Jun-Ho *see* Jun-Ho Oh
Oh Ki Nam *see* Ki Nam Oh
Oh Ki-Young *see* Ki-Young Oh
Oh Kilnam *see* Kilnam Oh
Oh Kwang-Man *see* Kwang-Man Oh
Oh Min-Cheol *see* Min-Cheol Oh
Oh Moon-Kyun *see* Moon-Kyun Oh
Oh Myung Hwan *see* Myung Hwan Oh
Oh Myung-Hwan *see* Myung-Hwan Oh
Oh Park Soon *see* Soon Oh Park
Oh Sang-Rok *see* Sang-Rok Oh
Oh Se-Yong *see* Se-Yong Oh
Oh Se-Young *see* Se-Young Oh
Oh Seok-Gyu *see* Seok-Gyu Oh
Oh Seong-Keun *see* Seong-Keun Oh
Oh Seoung-Jun *see* Seoung-Jun Oh
Oh SeungHyun *see* SeungHyun Oh
Oh Si-Doek *see* Si-Doek Oh
Oh Soo-Ghee *see* Soo-Ghee Oh
Oh Soo-Hyoung *see* Soo-Hyoung Oh
Oh Soon-Young *see* Soon-Young Oh
Oh Sung-Hun *see* Sung-Hun Oh
Oh Sung-Won *see* Sung-Won Oh
Oh Weon-Geun *see* Li Xingyuan 57484
Oh Woo Jin *see* Woo Jin Oh
Oh Wook Kwon, Chong Kwan Un Performance of connected digit recognizers with context-dependent word duration modeling 56391
Oh Wook Kwon, Chong Kwan Un Discriminative state-weighting of HMM-based speech recognizers 56392
Oh Yang-Gyun *see* Yang-Gyun Oh
Oh Yisok *see* Yisok Oh
Oh Young Jei *see* Young Jei Oh
Oh Young-Seek *see* Young-Seek Oh
Oh Youngin Shin *see* Youngin Shin Oh
Oh Yung Hwan *see* Yung Hwan Oh
Oh Yung-Hwan *see* Yung-Hwan Oh
Oh-e, M. *see* Ahatani, S. 33146
Oh-Il Kwon *see* Tong-Ha Kim 7095
Oh-Jun Kwon *see* Jin-Soo Lee 5019
Oh-Kyong Kwon *see* Sang-Gi Lee 43014
Oh-Kyu Kwon, de Souza, C.E., Hee-Seob Ryu Robust H_∞ FIR filter for discrete-time uncertain systems 45834
Oh-Kyu Kwon, Dong-Gyu Sim, Rae-Hong Park New Hausdorff distances based on robust statistics for comparing images 57485
Oh-Sung Kwon *see* Ok Kim 23227
Oh-Young Kang *see* Tang, A. 35616
Oh-Young Kwon, Jun-Cheol Park, Gi-Ho Park, Tack-Don Han, Shin-Dug Kim, Sung-Bong Yang Compiler optimization for locality improvement of matrix multiplication 21157
Ohama, T., Ishihara, N., Yamada, Y. Heat transfer functions of the VENUS vertex chamber 18115
O'Handley, R.C. *see* Kim, C.K. 7297
O'Handley, R.C. *see* Kim, C.K. 58674
Ohanian, A.A. *see* Mouradian, L.Kh. 17848
Ohanisian, M. *see* Halmagean, E. 49576
O'Hanlon, P. *see* Jameson, D.G. 6300
Ohar, O. *see* Lizotte, T. 44339
Ohar, O.P. *see* Engelsberg, A.C. 32193
O'Hara, A. *see* Elliott, J.P. 54745
O'Hara, A. *see* Rankin, I.D. 33160
Ohara, A. *see* Sato, A. 1145
O'Hara, A. *see* Underwood, I. 33148
O'Hara, D. *see* Li, J.K.-J. 59427
O'Hara, D.A., Morrow, D.J., Tindall, C.E., Calvert, P.A.J. A digital AVR control scheme for a small synchronous generator 19725
Ohara, K., Takeda, A., Sextro, G. Video signal enhancement optimized on SVP2 57117
Ohara, K. *see* Hasegawa, K. 6385
O'Hara, M., Yu, X., Mehdi, N., Schwartz, C., Wu, D., Avitall, B., He, B. Body surface Laplacian mapping of ventricular depolarization from potential recordings in humans 59678
O'Hara, M. *see* Wilkinson, A.J. 51111
O'Hara, P. *see* Lashbrook, W. 30158
Ohara, S. *see* Yamada, H. 21925
Ohara, T., Kaiho, K., Kiyoshi, T. Optimization of a superconducting solenoid for High Gradient Magnetic Separation systems 4213
Ohara, T. *see* Tsukada, M. 26443
O'Hara, W.B., Ning-Cheng Lee Voiding mechanism in BGA assembly 10113
Ohara, Y. *see* Inoue, T. 37062
Ohara, Y. *see* Miyamoto, K. 37185
O'Hare, N.J., Wallis, F., Kennedy, J.M.T., Hickey, E., McDermott, G.J., Dowling, A., Murphy, J., Malone, J.F. Specification and initial evaluation of a multiple application teleradiology system 7891
Ohashi, H. *see* Kato, S. 35043
Ohashi, H. *see* Mori, T. 51399
Ohashi, H. *see* Takahashi, M. 4288
Ohashi, H. *see* Takahashi, M. 4292
Ohashi, H. *see* Umeno, T. 39342
Ohashi, K. *see* Kato, K. 2885
Ohashi, K. *see* Miyata, K. 44982
Ohashi, M., Hattori, T. Correlation between surface microroughness of silicon oxide film and SiO_2/Si interface structure 54300
Ohashi, M., Tateda, M., Shiraki, K., Tajima, K., Tsujikawa, K. Optical fiber loss reduction 43940
Ohashi, M. *see* Shiraki, K. 13595
Ohashi, M. *see* Suzuki, N. 23712
Ohashi, N. *see* Nam, S.M. 21299
Ohashi, N. *see* Sekiguchi, T. 55397
Ohashi, S., Higashi, E., Ohsaki, H., Masada, E. Running simulation of the superconductive magnetically levitated system 61262
Ohashi, S., Higashi, K., Ohsaki, H., Masada, E. Influence of magnet quench on the superconducting magnetically levitated bogie 9643
Ohashi, S., Honma, M., Kondo, Y., Matsushima, H. Prediction method for air cooling performance of notebook size electronic equipment 10135
Ohashi, Y. *see* Ego, H. 37045
Ohashi, Y. *see* Hara, M. 17909
Ohashi, Y. *see* Ikeuchi, M. 9705
Ohashi, Y. *see* Takizawa, M. 38913
Ohata, A., Toriumi, A. Coulomb blockade effects in edge quantum wire SOI-MOSFETs 22801
Ohata, K., Inoue, T., Funabashi, M., Inoue, A., Takimoto, Y., Kuwabara, T., Shinozaki, S., Maruhashi, K., Hosaya, K., Nagai, H. Sixty-GHz-band ultra-miniature monolithic T/R modules for multimedia wireless communication systems 21958
O'Haver, K.W. *see* Axness, T.A. 4388
Ohazama, C. *see* Drezek, R. 59530
Ohba, A. *see* Shima, I. 11940
Ohba, K., Ikeuchi, K. Recognition of the multi-specularity objects using the eigen-window 5141
Ohba, K., Ikeuchi, K. Recognition of the multi specularity objects for bin-picking task 35220
Ohba, K., Mito, A., Wakamatsu, M., Ito, S., Shoji, T., Hiratate, Y. Irradiation effects on Au-Si nuclear detectors by 10 MeV α-particles 37311
Ohba, K. *see* Shima, I. 11940
Ohba, K. *see* Shoji, T. 59217
Ohba, R., Mizuno, T. Experimental analysis of velocity overshoot degradation in sub-0.1 μm fully-depleted SOI-MOSFETs 54671
Ohba, R. *see* Mizuno, T. 43098
Ohba, Y., Sato, R., Nemoto, Y. The mixed lumped and nonuniform distributed circuit band-pass filter 41291
Ohba, Y. *see* Itaya, K. 3872
Ohbayashi, K. *see* Hino, T. 27146
Ohbayashi, S. *see* Nakayama, K. 11999
Ohbo, H. *see* Nakada, T. 42029
Ohbuchi, M. *see* Ito, K. 25287
Ohchi, M., Furukawa, T., Shimada, H. Novel scheme for drawing electric lines of force using scalar potential 44906
Ohchi, M. *see* Furukawa, T. 44895
Ohdachi, Y., Kawase, Y., Miura, Y., Hayashi, Y. Optimum design of switched reluctance motors using dynamic finite element analysis 50943
Ohdaira, E. *see* Kazumi, M. 27768
Ohdaira, T. *see* Uedono, A. 54030
Ohdomari, I. *see* Hoshino, T. 12175
Ohdomari, I. *see* Koh, M. 2665
Ohdomari, I. *see* Koh, M. 22870
Ohdomari, I. *see* Koyama, M. 2579
Ohdomari, I. *see* Matsukawa, T. 21693
Ohe, K. *see* Shimada, T. 51513
Ohe, S. *see* Watanabe, T. 51804
O'Hearn, K. *see* Ware, R.M. 30713
O'Hearn, M. Designing a frequency synthesizer module using low-temperature co-fired ceramic 40942
O'Hearn, M.D. A voltage controlled oscillator using low temperature co-fired ceramics 11222
O'Hearn, M.D. LTCC technology: VCO in low temperature co-fired ceramics technology 21956
Ohfuji, S. *see* Itsumi, M. 2917
Ohfuji, T., Ogawa, T., Kuhara, K., Sasago, M. Prospect and challenges of ArF excimer laser lithography processes and materials 32273
Ohfuji, T. *see* Ushioda, J. 32252
Ohga, J. *see* Fujii, K. 30561
Ohga, J. *see* Fujii, K. 31383
Ohga, J. *see* Fujii, K. 45890
Ohga, J. *see* Fujii, K. 58041
Ohgami, J., Sugawara, Y., Morita, S., Nakamura, E., Ozaki, T. Time evolution of surface topography around a domain wall in ferroelectric $(NH_2CH_2COOH)_3.H_2SO_4$ 2943
Ohgane, T. *see* Moriyama, E. 27440
Ohgaro, T., Morifuji, E., Saito, M., Ono, M., Yoshitomi, T., Momose, H.S., Ito, N., Iwai, H. 0.2 μm analog CMOS with very low noise figure at 2 GHz operation 2802
Ohgi, T., Kinoh, H., Ohue, M., Kanno, I., Kitao, M. Full interactive digital CATV system 17070
Ohgoe, Y. *see* Nishida, Y. 38819
Ohguchi, K.-I. *see* Ishikawa, H. 10067
Ohguro, T. The closure class of MIN Σ_0 is NPO-PB 30523
Ohguro, T., Saito, M., Morifuji, E., Murakami, K., Matsuzaki, K., Yoshitomi, T., Morimoto, T., Momose, H.S., Katsumata, Y., Iwai, H. High efficiency 2 GHz power Si-MOSFET design under low supply voltage down to 1 V 41460
Ohguro, T. *see* Momose, H.S. 41463
Ohguro, T. *see* Yoshitomi, T. 2795
Ohhata, K., Nambu, H., Kanetani, K., Masuda, T., Kusunoki, T., Homma, N. A BiCMOS circuit using a base-boost technique for low-voltage, low-power application 21566
Ohi, M. *see* Oka, H. 31538
Ohi, T. *see* Koyama, K. 29463
Ohigashi, N. *see* Ohkubo, K. 53935
Ohigashi, N. *see* Roy, P.K. 1910
O'Higgins, B. Entrust: the key to corporate data security 16237
Ohira, F. *see* Koyabu, K. 13570
Ohira, T. *see* Kobayashi, O. 36203
Ohira, T. *see* Saito, M. 12071
Ohishi, I. *see* Shiraishi, K. 33019
Ohishi, K., Nakamura, Y. Robust self-tuning speed servo system for wide speed range based on instantaneous speed observer and disturbance observer 29714
Ohishi, K. *see* Miyazaki, T. 19759
Ohishi, M. *see* Sekimoto, Y. 14602
Ohishi, N. *see* Abe, K. 59233
Ohishi, N. *see* Emi, K. 7794
Ohishi, Y. Fluoride fiber amplifiers operating at 1.3 μm 44397
Ohishi, Y. *see* Mori, A. 44382
Ohishi, Y. *see* Nishida, Y. 33422
Ohishi, Y. *see* Ono, H. 55533
Ohishi, Y. *see* Yamada, M. 33423
Ohishi, Y. *see* Yamada, M. 55524
Ohiski, A. *see* Kishii, S. 2360
Ohiso, Y., Tateno, K., Kohama, Y., Tsunetsugu, H., Kurokawa, T. Flip-chip bonded 0.85-μm vertical-cavity surface-emitting laser array using an AlGaAs substrate 44512
Ohiso, Y. *see* Kohama, Y. 33533
Ohiso, Y. *see* Matsuo, S. 3665
Ohiso, Y. *see* Sale, T.E. 33490
Ohitsuka, S. *see* Kajiyama, K. 22479
Ohiwa, T. *see* Azuma, T. 32282
Ohk, Y. *see* Lee, H. 15641
Ohk Young-Hwan *see* Young-Hwan Ohk
Ohka, M., Mitsuya, Y., Hattori, K., Higashioka, I. Data conversion capability of optical tactile sensor featuring an array of pyramidal projections 27472
Ohkama, H. *see* Fujiwara, Y. 36067
Ohkami, T. Displaying the network 36823
Ohkawa, K. *see* Komatsu, M. 27561
Ohkawa, M., Sugawara, H., Sudo, N., Tsukiji, M., Nakagawa, K., Kawata, M., Oyama, K.-i., Takeshima, T., Ohya, S. A 98 mm^2 die size 3.3-V 64-Mb flash memory with FN-NOR type four-level cell 1330
Ohkawa, M. *see* Hatori, M. 32999
Ohkawa, M. *see* Nakano, H. 33575
Ohkawa, M. *see* Sato, T. 44534
Ohkawa, M. *see* Yamamoto, Y. 7926
Ohkawa, N. *see* Hayashi, Y. 13613
Ohkawa, N. *see* Sone, T. 27663
Ohkawa, T. *see* Dohi, Y. 40988
Ohkawa, T. *see* Itoh, K. 59055
Ohkawa, T. *see* Yumoto, M. 51863
Ohkawa, Y., Tsuji, Y., Koshiba, M. Finite element analysis of general conical diffraction by arbitrarily profiled gratings 45065
Ohkawara, D. *see* Nagasaki, T. 52179
Ohki, A. *see* Ohno, T. 55444
Ohki, M., Sakurai, H., Horikoshi, J., Kozaki, S. Electromagnetic beam wave scattering by arbitrary cross-sectional conducting cylinder using N circular cylindrical models 14566
Ohki, M., Shimizu, K., Sakurai, H., Kozaki, S. A new expression for beam wave scattering in the case of various types of arbitrary scattering 55992
Ohki, M., Tateno, H., Kozaki, S. T-matrix analysis of electromagnetic wave diffraction from a metallic Fourier grating with complex permittivity 56016
Ohki, M. *see* Hashiguchi, S. 18552
Ohki, M. *see* Sakurai, H. 56010
Ohki, N. *see* Minami, M. 53300
Ohki, N. *see* Mizuno, H. 1334
Ohki, Y., Asada, T., Umeshima, Y., Ikeda, M. Electrical conduction in highly-resistive polyolefin films modified by polar groups 32700
Ohki, Y., Li, Y., Kawai, J., Ebinuma, Y., Fujiwara, Y. Space charge behavior under AC voltage application in water-treed polyethylene observed by the pulsed electroacoustic method 43525
Ohki, Y. *see* Ishii, K. 13207
Ohki, Y. *see* Ishii, K. 43444
Ohki, Y. *see* Li, S. 31534
Ohki, Y. *see* Mukasa, K. 33245
Ohki, Y. *see* Suzuki, H. 43524
Ohki, Y. *see* Ying Li 54960
Ohkita, M. *see* Nawa, K. 30979
Ohkita, S. *see* Nakajima, H. 52832
Ohkoshi, S. OCN for intranet solutions 47112
Ohkoshi, S., Yorozu, S., Sato, O., Iyoda, T., Fujishima, A., Hashimoto, K. Photoinduced magnetic pole inversion in a ferro-ferrimagnet: $(Fe_{0.40}^{II}Mn_{0.60}^{II})_{1.5}Cr^{III}(CN)_6$ 43614
Ohkubo, A. *see* Shichijyo, S. 33660
Ohkubo, H. *see* Arisaka, S. 61291
Ohkubo, H. *see* Hayashi, F. 41163
Ohkubo, H. *see* Horiba, S. 1359
Ohkubo, K., Kubo, S., Idei, H., Sato, M., Shimozuma, T., Takita, Y. Coupling of tilting Gaussian beam with hybrid mode in the corrugated waveguide 45308
Ohkubo, K., Nakao, A.N., Mima, K., Nakai, S., Fujita, M., Imasaki, K., Yamanaka, C., Watanabe,

T., Ishida, T., Ohigashi, N., Tsunawaki, Y. Characteristic improvement of tungsten photocathode by two-wavelength irradiation of the Nd:YAG laser 53935
Ohkubo, K. *see* Miyamoto, M. 9305
Ohkubo, K. *see* Tanaka, H. 16561
Ohkubo, K. *see* Wakiwaka, H. 59019
Ohkubo, M., Martin, J., Drachsler, K., Gross, R., Huebener, R.P., Sakamoto, I., Hayashi, N. Asymmetric response of superconducting niobium-tunnel-junction X-ray detectors 7850
Ohkubo, M., Osabe, J., Shiojima, T., Yamaguchi, T., Ninomiya, T. Magnesium-doped InGaAs using $(C_2H_5C_5H_4)_2Mg$: application to InP-based HBTs 40527
Ohkubo, M. *see* Yamamoto, A. 30831
Ohkubo, M. *see* Yamauchi, Y. 30873
Ohkubo, R., Shoki, T., Mitsui, H., Annaka, N., Yamaguchi, Y.-I. Characteristics of Ta_4B-SiC X-ray mask blanks 22682
Ohkubo, S. *see* Matsui, T. 55172
Ohkubo, T., Motohashi, M., Homma, K. Dependence of optical and electrical properties of a-$Si_{1-x}C_x$:H films on thermal annealing 22272
Ohkubo, T. *see* Ishii, K. 49323
Ohkubo, T. *see* Kajino, F. 37402
Ohkubo, T. *see* Kanazawa, S. 33838
Ohkubo, T. *see* Kogiku, I. 16388
Ohkubo, T. *see* Maeda, Y. 32784
Ohkubo, T. *see* Matsuyama, S. 37452
Ohkubo, T. *see* Okada, I. 32297
Ohkubo, T. *see* Saitoh, Y. 22679
Ohkubo, Y. *see* Sasaki, N. 42237
Ohkuma, Y. *see* Minami, K. 49639
Ohkura, H. Microwave property of YBCO thin films 55080
Ohkura, K., Ueda, K. A genetic algorithm with neutral mutations for deceptive function optimization 10332
Ohkura, K., Ueda, K. Solving deceptive problems using a genetic algorithm with neutral mutations 10361
Ohkura, M., Yanagida, Y., Tachi, S. Sound distance localization using virtual environment 58907
Ohkura, M. *see* Itoga, T. 54448
Ohkura, M. *see* Shoji, K. 1356
Ohkura, T. *see* Kanai, M. 10132
Ohkura, Y. *see* Mizuta, H. 53598
Ohkuri, K. *see* Motohisa, J. 13048
Ohlbach, L. *see* Wilson, D. 28628
Ohlen, M. *see* Runde, M. 9432
Ohlen, P., Berglind, E., Thylen, L. Transmission of stationary pulses at 1.55 μm over 3600 km standard fiber concatenated with analog optoelectronic repeaters 6732
Ohlen, P. *see* Thylen, L. 58325
Ohlenbusch, J. *see* Albrecht, H.-S. 55786
Ohlenbusch, J. *see* Mann, K. 55788
Ohler, M. *see* Prieur, E. 12562
Ohler, S.G. *see* Gilchrist, B.E. 38023
Ohletz, M.J. Realistic faults mapping scheme for the fault simulation of integrated analogue CMOS circuits 32554
Ohlhoff, C., Lupke, G., Meyer, C., Kurz, H. Static and high-frequency electric fields in silicon MOS and MS structures probed by optical second-harmonic generation 44714
Ohlhoff, C. *see* Pfeifer, T. 58968
Ohlidal, I., Ohlidal, M., Franta, D., Michalek, A. Method of shearing interferometry for characterizing non-Gaussian randomly rough surfaces 7639
Ohlidal, M. *see* Ohlidal, I. 7639
Ohlin, C. *see* Giess, H. 51476
Ohlinger, W.L. *see* Magnus, S.H. 53904
Ohlinger, W.L. *see* Magnus, S.H. 53905
Ohlsson, N., Alberg, H. Predicting fault-prone software modules in telephone switches 16199
Ohlsson, T. *see* Sundberg, R. 39474
Ohlsuka, A. *see* Morikawa, T. 27935
Ohm, D.Y. Optimized control method produces maximum torque in PM synchronous motors 9198
Ohm, J.-R. Scalable video coding for asynchronous and heterogeneous networks 5476
Ohm, J.-R., Izquierdo, E. An object-based system for stereoscopic videoconferencing with viewpoint adaptation 15594
Ohm, W.Y., Chang, H.J., Chang, G.K., Song, J.T. Formation of Ti-silicides by rapid thermal annealing 12808
Ohm Woo Yong *see* Woo Yong Ohm
Ohmachi, K. *see* Mori, K. 57850
Ohmacht, M. *see* Kneip, J. 1500
Ohmagari, S.-I. *see* Ikuina, K. 41707
Ohmatsu, H. *see* Kanazawa, K. 18384
Ohmatsu, H. *see* Tozaki, T. 59516
Ohmatsu, H. *see* Ukai, Y. 8047
Ohmatsu, K., Yumura, H., Takahashi, K., Sato, K., Ueda, T., Suganuma, Y. Development of Nb-Ti cable with ultra-fine filament and high resistivity matrix for AC use 23423
Ohme, M., Schierwagen, A. A reduced model for dendritic trees with active membrane 11631
Ohmer, M.C. *see* Fischer, D.W. 33640
Ohmer, M.C. *see* McCrae, J.E. 42026
Ohmi, K. A coupled bunch instability due to beam-photoelectron interactions in KEKB-LER 49235
Ohmi, K., Hirose, T., Harada, M., Tanaka, S., Kobayashi, H. Improvement in aging characteristics by Zn doping of electron-beam evaporated SrS:Ce thin-film electroluminescent devices 33281
Ohmi, K. *see* Daud, A. 13824
Ohmi, S., Okamoto, T., Tagami, M., Tokumitsu, E., Ishiwara, H. Device characterization of high-electron-mobility transistors with ferroelectric-gate structures 32453
Ohmi, S. *see* Ishtwara, H. 55008
Ohmi, S. *see* Nagai, T. 17071
Ohmi, T. Proposal of advanced wet cleaning of silicon surface 42450
Ohmi, T. *see* Aharoni, H. 31941
Ohmi, T. *see* Iwamoto, T. 42594
Ohmi, T. *see* Iwamoto, T. 54420
Ohmi, T. *see* Kimura, M. 2272
Ohmi, T. *see* Konda, M. 1676
Ohmi, T. *see* Kotani, K. 1544
Ohmi, T. *see* Kubo, K. 42460
Ohmi, T. *see* Meuris, M. 42475
Ohmi, T. *see* Morinaga, H. 42558
Ohmi, T. *see* Nakada, A. 32157
Ohmi, T. *see* Shibata, T. 53495
Ohmi, T. *see* Shirai, Y. 40549
Ohmi, T. *see* Toda, M. 42459
Ohmi, T. *see* Ushiki, T. 54791
Ohmi, T. *see* Ushikil, T. 43100
Ohmi, T. *see* Yamashita, Y. 1644
Ohmori, H., Karaki Doy, T., Nakagawa, T. High-speed, high-quality thinning processes of GaAs wafers for high-power FETs 13013
Ohmori, H. *see* Jiang, F. 15411
Ohmori, H. *see* Ojiro, N. 4633
Ohmori, J. *see* Moriyama, H. 32942
Ohmori, K. *see* Hirata, K. 10171
Ohmori, M. *see* Ozaki, T. 37319
Ohmori, M. *see* Takamoto, T. 29638
Ohmori, M. *see* Yamaguchi, M. 37975
Ohmori, M. *see* Yamaguchi, M. 38968
Ohmori, Y., Hironaka, Y., Yoshida, M., Fujii, A., Yoshino, K. Efficient emission from poly(3-alkylthiophene) light emitting diode with different alkyl-side-chain lengths by doping of dye molecules 55466
Ohmori, Y., Nakanishi, T., Kobayashi, H. A speed sensorless spatial vector controlled inverter added an auto-measuring function 60739
Ohmori, Y., Tada, N., Yoshida, M., Fujii, A., Yoshino, K. Carrier transport in a three-layered electroluminescent device 13861
Ohmori, Y., Tada, N., Yoshida, M., Fujii, A., Yoshino, K. Multi-color emission organic EL diode with vapor deposited multi-layer structure 55442
Ohmori, Y. *see* Abe, M. 33094
Ohmori, Y. *see* Fujii, A. 33254
Ohmori, Y. *see* Hamaguchi, M. 33275
Ohmori, Y. *see* Takiguchi, K. 47947
Ohmoto, S. *see* Okada, H. 41942
Ohmoto, T. *see* Antos, J. 37373
Ohmoto, T. *see* Ohsugi, T. 37385
Ohmoto, T. *see* Ohsugi, T. 37392
Ohmoto, T. *see* Unno, Y. 37395
Ohmukai, M., Tsutsumi, Y. Photoluminescent intensity from porous silicon depends on current density during anodization 55398
Ohmura, M. *see* Kinoshita, K. 20237
Ohmura, M. *see* Ono, M. 184
Ohmuro, H., Ikedo, J., Moriya, T., Kataoka, A., Hayashi, S., Mano, K. Dual-Pulse CS-CELP: a toll-quality low-complexity speech coder at 7.8 kbit/s 15057
Ohn, M. *see* Berger, S. 36623
Ohn, M. *see* Measures, R.M. 48572
Ohn, M.M., Huang, S.Y., LeBlanc, M., Measures, R.M. Distributed strain sensing using long intracore fiber Bragg gratings 48575
Ohnaka, I. *see* Kalonji, G. 20515
Ohnaka, S., Ishii, T. Filled bottle inspector for beer 353
Ohnakado, T., Takada, H., Hayashi, K., Sugahara, K., Satoh, S., Abe, H. Novel self-limiting program scheme utilizing N-channel select transistors in P-channel DINOR flash memory 41159
Ohnakado, T. *see* Sakamoto, O. 1361
Ohnami, M. *see* Tsukada, Y. 20859
Ohnemus, M. *see* Treitinger, L. 13114
Ohnemus, M. *see* Treitinger, L. 22952
Ohnesorge, B., Albrecht, M., Oshinowo, J., Forchel, A., Arakawa, Y. Rapid carrier relaxation in self-assembled $In_xGa_{1-x}As/GaAs$ quantum dots 2216
Ohnishi, A., Sugiyama, Y., Okamoto, T. Timing verification of asynchronous sequential circuits with specifications–a method of reducing state transitions to be verified in detail 21591
Ohnishi, A. *see* Sakata, Y. 42481
Ohnishi, H. Improvement of resolution capability of submicron resist patterns with alkaline treatment under ultrasonic irradiation 54538
Ohnishi, H., Hirai, M., Fujita, K., Watanabe, T. Lateral inter-subband tunneling junction using Si-doped AlGaAs/GaAs multiple quantum well grown on patterned GaAs(111)A substrate 12874
Ohnishi, H., Nagasawa, M. Using the NS8000 series to build multimedia networks: new ATM switching system: multimedia handling node-ATM (MHN-A) 35826
Ohnishi, H. *see* Fujita, K. 13866
Ohnishi, H. *see* Kusakabe, Y. 30900
Ohnishi, H. *see* Miyashita, T. 41013
Ohnishi, H. *see* Ota, T. 7910
Ohnishi, K., Sakamoto, M., Isozaki, K., Sasaki, N., Kuwano, Y. Development of three-phase HB-type stepping motors 19775
Ohnishi, K., Sakurai, K., Tomikawa, Y., Kusakabe, C. Piezoelectric ceramic oscillator using damped capacitance elimination technique 1162
Ohnishi, K. *see* Kawarasaki, M. 47285
Ohnishi, M. *see* Fukunaga, N. 23464
Ohnishi, M. *see* Masuda, K. 22177
Ohnishi, N. *see* Chung, J.-M. 25785
Ohnishi, N. *see* Jun Yang 15456
Ohnishi, N. *see* Minagawa, H. 18558
Ohnishi, N. *see* Mukai, T. 25501
Ohnishi, N. *see* Yang, J. 35013
Ohnishi, N. *see* ZengFu Wang 25488
Ohnishi, S. *see* Hamanaka, F. 48716
Ohnishi, T. Single phase line current compensator based on AC line current detection 60389
Ohnishi, T., Minamoto, Y. Three-phase current-fed type converter with direct control of instantaneous current vector 38885
Ohnishi, T. *see* Cheng-Huang Lin 55913
Ohnishi, T. *see* Koinuma, H. 10787
Ohnishi, Y., Fujita, J., Ochiai, Y., Matsui, S. Calixarenes–prospective materials for nanofabrications 42822
Ohnishi, Y. *see* Fujita, J. 32287
Ohnishik, H. *see* Ihara, T. 47940
Ohniwa, K. *see* Fujimaki, T. 61186
Ohno, H., Okano, H., Hatakeyama, S., Yoshimura, N., Hayashi, F., Yajima, A. Landscape broadcast for Internet 57800
Ohno, H. *see* Hide-Aki Saito 35077
Ohno, H. *see* Ogasawara, T. 4941
Ohno, H. *see* Shen, A. 40393
Ohno, J. A study on improvements of the laminated polarization splitter 55294
Ohno, K., Sato, M., Arita, Y. Reactive ion etching of copper films in a $SiCl_4$, N_2, Cl_2, and NH_3 mixture 42618
Ohno, K. *see* Notomi, S. 5928
Ohno, K. *see* Suehiro, J. 23141
Ohno, K. *see* Tomonoh, Y. 21546
Ohno, M., Iijima, O., Mizoguchi, Y., Matsuzaki, A., Nakano, J. Easily installed master/slave network hub units 16259
Ohno, N., Horiguchi, K., Omiya, M., Itoh, K. A study on design of cavity-backed slot antennas using the finite difference time-domain technique 14725
Ohno, N. *see* Taniguchi, J. 32180
Ohno, S. Statistical analysis of subband adaptive filters 31398
Ohno, S., Ichii, M., Mamiya, M., Ohta, T., Ichinose, T. Bistable polarization switching in transverse magnetic wave-injected semiconductor lasers by mode hopping 33725
Ohno, S., Sakai, H. Optimization of filter banks using cyclostationary spectral analysis 4637
Ohno, T., Ohki, A., Matsuoka, T. Investigation of degradation in homoepitaxially grown ZnCdSe/ZnSe light emitting diode 55444
Ohno, T., Ohya, A., Yuta, S. Autonomous navigation for mobile robots referring pre-recorded image sequence 35210
Ohno, T. *see* Fukidome, H. 41855
Ohno, T. *see* Kikkawa, T. 11497
Ohno, T. *see* Koibuchi, K. 50946
Ohno, T. *see* Maruyama, M. 7088
Ohno, T. *see* Munaka, T. 57938
Ohno, T. *see* Nakashima, S. 22971
Ohno, T. *see* QikunXue 2001
Ohno, T. *see* Xue Qikun 30826
Ohno, Y., Kishimoto, S., Mizutani, T., Maezawa, K. Operation speed consideration of resonant tunneling logic gate based on circuit simulation 21565
Ohno, Y. *see* Cromer, C.L. 17154
Ohno, Y. *see* Francis, P. 13030
Ohno, Y. *see* Kunihiro, K. 43118
Ohno, Y. *see* Maeda, T. 2842
Ohno, Y. *see* Nagamune, Y. 12462
Ohno, Y. *see* Nakao, S. 42891
Ohno, Y. *see* Nogome, M. 13031
Ohno, Y. *see* Nogome, M. 43115
Ohno, Y. *see* Shen, A. 40393
Ohno, Y. *see* Tanaka, H. 16561
Ohno, Y. *see* Yamaguchi, S. 12031
Ohno, Y. *see* Yokoi, H. 35434
Ohnoki, N., Mukaihara, T., Hatori, N., Mizutani, A., Koyama, F., Iga, K. Proposal and demonstration of AlAs-oxide confinement structure for InP-based long wavelength lasers 32199
Ohnoki, N. *see* Hatori, N. 23934
Ohnoki, N. *see* Hatori, N. 33471
Ohnoki, N. *see* Mukaihara, T. 14169
Ohnstein, T. *see* Arch, D. 44173
Ohnstein, T. *see* Cox, J.A. 55385
Ohnuchi, K. *see* Morita, T. 11794
Ohnuki, H. *see* Shiraishi, K. 33019
Ohnuki, S. *see* Awano, H. 23354
Ohnuki, T., Miyashita, O., Lataire, P., Tomita, H. Power conditioning of single-phase AC-DC converters in parallel 60870
Ohnuki, T., Miyashita, O., Maeda, A. Analysis of power flow in a power converter 29408
Ohnuki, T. *see* Lijiang Zeng 36902
Ohnuki, T. *see* Zeng, T. 48912
Ohnuki, Y., Shibuya, H., Utsunomiya, J., Iida, S. Development of low cost solder bump-on LSI 13062

Ohnuma, K. *see* Kang, J. 47862
Oho, E., Ichise, N., Ogashiwa, T. The performance of a scanning electron microscope with 4096 scanning lines 1959
Oho, E. *see* Ogashiwa, T. 1960
Oho, K. *see* Iwao, T. 37645
Oho, S., Sonobe, H., Kajioka, H. Time-domain Sagnac phase reading in open-loop fiber optic gyroscopes 27598
Oho, S., Sonobe, H., Kajioka, H. Signal distortion induced by Fresnel reflection in open-loop fiber-optic gyroscopes 58815
Ohoka, H., Takeda, M., Hayashida, N., Honda, K., Honda, M., Inoue, N., Kadota, K., Kakimoto, F., Kamata, K., Kawaguchi, S., Kawasumi, N., Matsubara, Y., Murakami, K., Nagano, M., Teshima, M., Tsushima, I., Uchihori, Y., Yoshida, S., Yoshii, H. Further development of data acquisition system of the Akeno giant air shower array 48390
Ohomori, M. *see* Fujino, N. 42433
Ohomori, M. *see* Fujino, N. 42486
Ohora, Y. *see* Yamada, M. 15008
Ohora, Y. *see* Yamada, M. 15108
Ohora, Y. *see* Yamamoto, H. 24818
Ohota, K. *see* Iwasawa, T. 23101
Ohota, K. *see* Iwasawa, T. 43429
Ohotomo, S. *see* Kirino, F. 21376
Ohring, M. *see* Barr, D.L. 42777
Ohsaka, K., Chung, S.K., Rhim, W.K., Holzer, J.C. Densities of Si determined by an image digitizing technique in combination with an electrostatic levitator 48958
Ohsaki, H., Murata, M., Miyahara, H. Performance of rate-based congestion control algorithm with binary-mode switch in ATM networks 46565
Ohsaki, H., Takenami, K., Kaneda, H., Masada, E. Novel electromagnetic actuators using high-temperature superconducting film 60968
Ohsaki, H. *see* Dehong Xu 51097
Ohsaki, H. *see* Hayashiya, H. 4205
Ohsaki, H. *see* Hayashiya, H. 51888
Ohsaki, H. *see* Morizane, T. 61246
Ohsaki, H. *see* Ohashi, S. 9643
Ohsaki, H. *see* Ohashi, S. 61262
Ohsaki, H. *see* Paddison, J.E. 51753
Ohsaki, H. *see* Ryu, B. 46595
Ohsaki, H. *see* Senba, A. 3298
Ohsaki, H. *see* Tamai, T. 11813
Ohsaki, H. *see* Tamai, T. 22000
Ohsaki, S. *see* Sawaki, N. 12491
Ohsaki, Y., Kuroiwa, H. Simulation-based error analysis for the path-averaged rainfall rate estimated from the rain attenuation 34055
Ohsako, N., Sugiura, H., Torii, T. An extended algorithm by Givens rotations for the polynomial remainder sequence 40167
Ohsato, H. *see* Kato, T. 30836
Ohsato, H. *see* Mizuta, M. 2877
Ohsato, M.H. *see* Qing Mao 39374
Ohsawa, H. *see* Saitoh, K. 32293
Ohsawa, K. *see* Nunokawa, F. 47842
Ohsawa, S., Choi, J.-Y., Ogawa, Y., Enomoto, A., Kamitani, T., Kobayashi, H., Sato, I. Pre-injector of the KEK 2.5-GeV linac and high-current single-bunch acceleration 49204
Ohsawa, S. *see* Jae-Young Choi 37156
Ohsawa, S. *see* Nakamura, N. 7403
Ohsawa, T., Morikami, M. Multiple reservation pipeline polling for satellite packet communications 6688
Ohsawa, T., Okanoue, K., Madihian, M., Ishii, K., Kakura, Y. Seamless networked mobile computing realized by wireless Internet access 6115
Ohsawa, T., Okanoue, K., Madihian, M., Ishii, K., Kakura, Y. Seamless networked mobile computing realized by wireless Internet access 57873
Ohsawa, T. *see* Imada, H. 48351
Ohsawa, T. *see* Inaba, T. 21659
Ohsawa, T. *see* Shiratake, S. 53298
Ohsawa, Y. *see* Matsumoto, H. 38627
Ohshika, K. *see* Miura, H. 13024
Ohshima, H. *see* Inoue, S. 43067
Ohshima, H. *see* Menlove, H.O. 7179
Ohshima, H. *see* Tokuda, Y. 12682
Ohshima, K., Ishihara, T. Asymptotic time-domain analysis of sound propagation in a deep ocean sound channel 45859
Ohshima, K., Ogawa, Y., Itoh, K. High-resolution time domain estimation of signals with amplitude frequency dependence using a linear approximation 45856
Ohshima, M. Error tracking mode AC current waveform control method for three-phase self-commutated voltage source power converters 38886
Ohshima, N., Masada, E. Novel error tracking mode AC current waveform control method and its AC filter design procedure 51333
Ohshima, N. *see* Lee, K.H. 7752
Ohshima, N. *see* Shin, J.-K. 55350
Ohshima, N. *see* Takagi, Y. 54062
Ohshima, S., Asano, Y., Nishikawa, K. A method for accomplishing accurate RCS image in compact range 27054
Ohshima, S., Kurosu, T., Ikegami, T., Nakadan, Y. Multipulse operation of cesium atomic fountain 48296
Ohshima, S. *see* Asano, Y. 27053
Ohshima, S. *see* Miyachi, M. 16725
Ohshima, S. *see* Nakadan, Y. 27255
Ohshima, S. *see* Okuyama, S. 58876
Ohshima, S. *see* Slyusarev, S. 24154
Ohshima, S. *see* Slyusarev, S. 24208
Ohshima, T. Stability of binary logic tunneling phase states in DC-biased and AC-pumped single-electron tunnel junctions 22297
Ohshima, T., Mishima, T., Okamoto, M., Kuroda, K. Resonant tunneling electron beam source using GaAs/AlAs/GaAs field emitter 41751
Ohshima, T., Morita, Y., Nashiyama, I., Kawasaki, O., Hisamatsu, T., Nakao, T., Wakow, Y., Matsuda, S. Mechanism of anomalous degradation of silicon solar cells subjected to high-fluence irradiation 29649
Ohshima, T. *see* Ego, H. 37045
Ohshima, T. *see* Hara, M. 17909
Ohshima, T. *see* Ishii, O. 13362
Ohshima, T. *see* Kurogo, S. 13338
Ohshima, T. *see* Nitta, Y. 43141
Ohshima, Y., Ahn, H.S., Aoki, M., Awa, S., Fukushima, M., Hayashii, H., Hu, X.Q., Hur, T.W., Igarashi, S., Ikeda, H., Jeong, H.C., Kaneyuki, K., Kim, D.Y., Kim, S.K., Kuzmin, A., Lee, M.H., Noguchi, S., Ochi, A., Sagawa, H., Sato, N., Sugiyama, N., Tamai, K., Tanimori, T., Toomi, N., Wang, T.J., Watanabe, K., Watanabe, Y., Zhong, X.C., Zhu, Y.C. B test of the CsI(Tl) calorimeter for the BELLE detector at the KEK-B factory 18083
Ohshio, S. *see* Nishino, J. 52809
Ohshita, A. *see* Hata, K. 31681
Ohshita, Y. *see* Furuya, A. 12807
Ohsima, T. *see* Ohta, H. 12040
Ohsima, T. *see* Ohta, H. 31601
Ohsima, Y. *see* Shioda, S. 35645
Ohska, T.K. *see* Arai, Y. 37267
Ohska, T.K. *see* Arai, Y. 37268
Ohsone, Y. *see* Nishihara, A. 282
Ohsono, M., Iwane, T., Uchida, I., Tajima, N., Kada, M. The development of a new resin with high mechanical strength at a high temperature for TCP's 190
Ohsono, M. *see* Tajima, N. 52218
Ohsugi, S. *see* Hosoya, Y. 3320
Ohsugi, T., Iwata, Y., Ohyama, H., Ohmoto, T., Yoshikawa, M., Handa, T., Kurino, K., Fujita, K., Kitabayashi, H., Tamura, N., Hatakenaka, T., Maeohmichi, M., Takahata, M., Nakao, M., Iwasaki, H., Kohriki, T., Terada, S., Unno, Y., Takashima, R., Yamamoto, K., Yamamura, K. Micro-discharge noise and radiation damage of silicon microstrip sensors 37392
Ohsugi, T., Iwata, Y., Ohyama, H., Ohmoto, T., Yoshikawa, M., Handa, T., Kurino, K., Fujita, K., Tamura, N., Hatakenaka, T., Maeohmichi, M., Takahata, M., Nakao, M., Asai, M., Kimura, A., Takashima, R., Yamamoto, K., Yamamura, K. Micro-discharge at strip edge of silicon microstrip sensors 37385
Ohsugi, T. *see* Antos, J. 37373
Ohsugi, T. *see* DeWitt, J. 59243
Ohsugi, T. *see* Dubbs, T. 37393
Ohsugi, T. *see* Sadrozinski, H.F.W. 37399
Ohsugi, T. *see* Terada, S. 37391
Ohsugi, T. *see* Unno, Y. 37395
Ohsugi, T. *see* Unno, Y. 37398
Ohsuka, S., Ogata, Y., Tamura, Y. Application of a point-process model to occurrence-time data of photomultiplier dark pulses 31723
Ohsung Song *see* Maeda, Y. 32784
Ohta, A., Hisamura, T. On some analysis properties of Petri net systems under the earliest firing rule 10320
Ohta, C., Shinagawa, K., Onozato, Y. Cell loss properties for multiplexing of MPEG video sources considering picture coding types in ATM networks 5772
Ohta, H., Honma, S. Construction of workstation-based system for astronomical radio observation 48195
Ohta, H., Miura, H., Kitano, M. Proposal of prediction method for dislocation generation in silicon substrate for semiconductor devices 22196
Ohta, H., Ohsima, T., Hurui, S., Ikeda, M., Hotta, S. Development of DV-multi printed wiring board for high density packaging 31601
Ohta, H., Ohsima, T., Ikeda, M., Hotta, S. Development of DVH-ADD printed wiring board for high density MCM 12040
Ohta, H., Ueda, H. ATM hitless line protection switching method for forced switch commands 25865
Ohta, H. *see* Ikeda, S. 43209
Ohta, H. *see* Kitahara, I. 17609
Ohta, H. *see* Koumoto, K. 30712
Ohta, H. *see* Sugie, R. 2146
Ohta, H. *see* Tanaka, K. 10997
Ohta, H. *see* Yoshimura, T. 32263
Ohta, I., Kawai, T., Kokubo, Y. A design method of directional couplers of twofold symmetrical structure 21878
Ohta, K., Iwasawa, T., Sone, M. The molecular orientation of insulating liquid in terms of dissolving water and its effect on conductivity 32603
Ohta, K. *see* Aoki, A. 24790
Ohta, K. *see* Feuillet, G. 40306
Ohta, K. *see* Fujita, S. 32217
Ohta, K. *see* Itatani, T. 33255
Ohta, K. *see* Moriai, S. 24791
Ohta, K. *see* Nemoto, Y. 47320
Ohta, K. *see* Okumura, H. 31855
Ohta, M. Effect of small amounts of silver on the electrical properties of As_2S_3 glasses 54110
Ohta, M., Kanbe, N. Design tool for PVC-based ATM networks 46585
Ohta, M. *see* Ahatani, S. 33146
Ohta, M. *see* Amano, H. 10807
Ohta, M. *see* Hosokawa, T. 53124
Ohta, M. *see* Katto, J. 57454
Ohta, M. *see* Kobayashi, M. 49800
Ohta, M. *see* Kurosu, K. 46144
Ohta, M. *see* Marugame, A. 57451
Ohta, M. *see* Minami, K. 12108
Ohta, M. *see* Nakano, H. 1405
Ohta, M. *see* Nakasako, N. 45889
Ohta, M. *see* Sakamoto, Y. 1744
Ohta, M. *see* Sakamoto, Y. 53710
Ohta, N. *see* Awano, H. 23354
Ohta, N. *see* Irie, K. 58035
Ohta, N. *see* Miyazaki, T. 11272
Ohta, N. *see* Miyazaki, T. 11420
Ohta, N. *see* Mizuno, K. 32546
Ohta, N. *see* Mizuno, K. 32547
Ohta, N. *see* Takao, H. 44112
Ohta, N. *see* Torazawa, K. 44121
Ohta, R. *see* Katashiro, M. 17520
Ohta, S. *see* Kurasawa, M. 10783
Ohta, S. *see* Sakai, K. 19932
Ohta, T. Phase-change optical disk recording systems 3333
Ohta, T., Baba, Y., Shimozawa, T. A new method of linear filter approximation with Laguerre function for sandwich system identification 15155
Ohta, T., Nakamura, T., Kimura, A., Matsumoto, M. Installation of Tokyo TV earth station and Yamaguchi TV earth station 7044
Ohta, T., Noda, S., Kasai, M., Hoga, H. Simulation of X-ray mask displacement by absorber and membrane stress 22681
Ohta, T. *see* Ashikaga, K. 22680
Ohta, T. *see* Enoki, H. 57550
Ohta, T. *see* Hara, H. 7287
Ohta, T. *see* Hirosawa, Y. 13080
Ohta, T. *see* Ohno, S. 33725
Ohta, T. *see* Takura, A. 5926
Ohta, T. *see* Takura, A. 35495
Ohta, T. *see* Yamada, H. 10862
Ohta, T. *see* Yamamoto, A. 20068
Ohta, T. *see* Yamamoto, A. 32046
Ohta, Y. *see* Hussein, E. 5388
Ohta, Y. *see* Itoh, T. 34571
Ohta, Y. *see* Nakagiri, K. 48320
Ohta, Y. *see* Nishikawa, M. 23598
Ohta, Y. *see* Satoh, K. 5083
Ohtaka, H., Itoh, H., Teramoto, M. Agent-based pragmatic system initiated in Japan: various original applications realized on Telescript™ 35678
Ohtaka, M., Santo, T., Hashimoto, A. Analysis of mesoscopic scaled optical cavities with waveguide structure 33053
Ohtaka, T., Kameyama, Y., Yamagishi, I., Yonemoto, T., Suzumura, T. High performance, low-cost leadframe with a heat spreader for HQFPs 191
Ohtake, A., Nakamura, J., Eguchi, T., Osaka, T. Geometry and lattice formation of surface layers of Sn growing on InSb{111}A,B 2250
Ohtake, H. *see* Samukawa, S. 12731
Ohtake, H. *see* Samukawa, S. 12733
Ohtake, K. *see* Kameda, M. 25702
Ohtake, K. *see* Kuroyanagi, N. 6466
Ohtake, K. *see* Yamaguchi, I. 11988
Ohtake, N., Ogawa, Y., Yonezawa, Y. Improved accessibility system. Communication environment for the visually handicapped 37889
Ohtake, S. *see* Fujiwara, H. 31225
Ohtake, Y., Ichikawa, M., Okamoto, T., Yamada, A., Konagai, M., Saito, K. Cu(InGa)Se_2 thin-film solar cells with continuously evaporated Cd-free buffer layers 39064
Ohtani, A. *see* Koike, K. 4343
Ohtani, F. *see* Ishiyama, O. 54134
Ohtani, H., Horio, I., Nodaguchi, H., Mochizuki, K., Chubachi, H., Akama, A. HFC (hybrid fiber coaxial) system 7080
Ohtani, K. *see* Wado, H. 30818
Ohtani, M. *see* Koyanagi, T. 31914
Ohtani, N., Hosoda, M., Grahn, H.T. Photocurrent self-oscillations in a direct-gap GaAs-AlAs superlattice 22397
Ohtani, N. *see* Hosoda, M. 42138
Ohtani, N. *see* Takahashi, J. 2096
Ohtani, T. *see* Menlove, H.O. 7179
Ohtani, Y. *see* Chandratilleke, G.R. 43840
Ohtani, Y. *see* Kuriyama, T. 51873
Ohtani, Y. *see* Nagai, Y. 58107
Ohtani, Y. *see* Tsukagoshi, T. 51874
Ohtera, Y., Chiba, T., Kawakami, S. Rotating waveplates using liquid crystal 13732
Ohtera, Y. *see* Yoda, H. 55370
Ohto, K., Urabe, K., Taguwa, T., Chikaki, S., Kikkawa, T. A novel TiN/Ti contact plug technology for gigabit scale DRAM using Ti-PECVD and TiN-LPCVD 42666
Ohtomo, A. *see* Koinuma, H. 52609
Ohtomo, H., Ara, M., Suzuki, E. Improvement of control characteristic of nuclear power plant by applying H_∞ control 8993
Ohtomo, K. *see* Sugimoto, S. 60848

Ohtomo, N., Kamo, T., Watanabe, M., Yoneyama, K., Tanaka, Y., Hayashi, R. Power spectral densities of temporal variations of blood pressures 7872
Ohtomo, Y., Mizusawa, T., Nishimura, K., Sawada, H., Ino, M. A fully depleted CMOS/SIMOX LSI scheme using LVTTL-compatible and over-2,000-V ESD-hardness I/O circuit for reduction in active and static power consumption 41103
Ohtoshi, T., Niwa, A., Kuroda, T. Crystal orientation effect on valence-subband structures in wurtzite-GaN strained quantum wells 12441
Ohtoshi, T. *see* Niwa, A. 54218
Ohtoshi, T. *see* Takahashi, M. 33107
Ohtsu, M. *see* Anan, T. 25260
Ohtsu, M. *see* Arakawa, Y. 54237
Ohtsu, M. *see* de Labachelerie, M. 27371
Ohtsu, M. *see* Fujii, T. 33469
Ohtsu, M. *see* Kourogi, M. 13695
Ohtsu, M. *see* Mononobe, S. 58811
Ohtsu, M. *see* Saitoh, T. 6723
Ohtsu, M. *see* Shigeishi, M. 4628
Ohtsu, S. *see* Takeuchi, A. 53026
Ohtsubo, J. *see* Kikuchi, N. 14184
Ohtsubo, J. *see* Xin Lin 46111
Ohtsubo, J. *see* Yamada, S. 23458
Ohtsubo, Y. *see* Takayama, J. 26797
Ohtsuji, E., Miyashita, O., Maeda, A. A high-power-factor PWM rectifier without voltage sensors 38874
Ohtsuka, C. *see* Itakura, T. 24328
Ohtsuka, H., Muramatsu, S., Nagata, Y., Sakamoto, M., Tsutsui, K., Uematsu, T., Warabisako, T. Improved geometry of heavily diffused emitters in high-efficiency silicon solar cells 39219
Ohtsuka, H., Uematsu, T., Warabisako, T. Numerical analysis of field-effect surface passivation for solar cells 9560
Ohtsuka, H. *see* Koike, H. 2792
Ohtsuka, H. *see* Nanjundaswamy, K.S. 38948
Ohtsuka, H. *see* Shimizu, T. 26923
Ohtsuka, H. *see* Yamaki, J.I. 29593
Ohtsuka, K., Suita, M., Endoh, Y., Imaizumi, M., Isu, T., Nunoshita, M. Electrical characterization of Au/p-ZnSe structure 32049
Ohtsuka, K. *see* Imaizumi, M. 40415
Ohtsuka, K. *see* Murofushi, H. 55446
Ohtsuka, M. *see* Hori, K. 60937
Ohtsuka, N. *see* Mukai, K. 52698
Ohtsuka, S. *see* Ishigure, Y. 17608
Ohtsuka, S. *see* Tsunetomo, K. 885
Ohtsuka, T., Yaguchi, K., Yoshimura, S., Takada, Y., Noji, K. Development of an operator training support system for nuclear power plants 52024
Ohtsuka, T. *see* Fuad Mas'ud, A. 11065
Ohtsuka, T. *see* Kamae, T. 37359
Ohtsuka, Y. *see* Takeuchi, Y. 22542
Ohtsuka, Y. *see* Tanaka, S. 58800
Ohtsuka, Y. *see* Tanaka, S. 58801
Ohtsuki, H. *see* Kawaguchi, I. 20161
Ohtsuki, K. *see* Matsuoka, T. 15110
Ohtsuki, T. Channel interference cancellation using time division reference signal for direct-detection optical synchronous CDMA systems 6768
Ohtsuki, T. Direct-detection optical synchronous CDMA systems with channel interference canceller using time division reference signal 26796
Ohtsuki, T. Performance analysis of direct-detection optical asynchronous CDMA systems with double optical hard-limiters 47919
Ohtsuki, T., Honkanen, S., Ingenhoff, J., Heyden, J., Fabricius, N., Hajafi, S.I., Peyghambarian, N. Polarization-insensitive planar glass waveguide amplifiers by silver ion exchange 33442
Ohtsuki, T., Sato, K., Sasase, I., Mori, S. Direct-detection optical synchronous CDMA systems with double optical hard-limiters using modified prime sequence codes 16778
Ohtsuki, T. *see* Togawa, N. 21595
Ohtsuki, T. *see* Togawa, N. 40815
Ohtsuki, T. *see* Togawa, N. 41101
Ohtsuki, T. *see* Togawa, N. 53210
Ohtsuru, Y. *see* Suzuki, F. 7504
Ohtsuuka, M. *see* Senba, N. 59876
Ohu, Y.S. *see* Sim, S.P. 41168
Ohuchi, A. *see* Shinohara, J. 38291
Ohuchi, K., Habuchi, H. Synchronization method using several synchronizing chips for M-ary/SS communication system 26468
Ohuchi, K. *see* Fuse, T. 41104
Ohuchi, K. *see* Inaba, T. 21659
Ohuchi, K. *see* Nakano, H. 1405
Ohuchi, K. *see* Shiratake, S. 53298
Ohuchi, K. *see* Takashima, D. 1418
Ohuchi, K. *see* Tanzawa, T. 1394
Ohuchi, N. *see* Tsuchiya, K. 49011
Ohuchi, R. *see* Kawaguchi, T. 10688
Ohuchi, Y., Tadatomo, K., Nakayama, H., Kaneda, N., Detchprohm, T., Hiramatsu, K., Sawaki, N. New dopant precursors for n-type and p-type GaN 40366
Ohue, E., Kiyota, Y., Onai, T., Tanabe, M., Washio, K. 100-GHz f_T Si homojunction bipolar technology 1725
Ohue, E. *see* Kiyota, Y. 22768
Ohue, E. *see* Kondo, M. 41465
Ohue, M. *see* Ohgi, T. 17070
Ohura, Y. *see* Nagata, H. 8314
Ohwa, H. *see* Yasuda, N. 2932
Ohwaki, J., Otsuka, M. Dy^{3+}- and Er^{3+}-codoped YBr_3 upconversion phosphor for detection of 1.3-μm band infrared light 33253
Ohwaki, T., Yoshida, T., Hashimoto, S., Hosokawa, H., Mitsushima, Y., Taga, Y. Preferred orientation in Ti films sputter-deposited on SiO_2 glass: the role of water chemisorption on the substrate 40560
Ohwaki, T. *see* Mori, T. 12524
Ohwaki, T. *see* Mori, T. 31811
Ohya, A. *see* Ohno, T. 35210
Ohya, J., Ebihara, K., Kurumisawa, J., Nakatsu, R. Virtual Kabuki Theater: towards the realization of human metamorphosis systems 27689
Ohya, J., Kishino, F. Detecting facial expressions from face images using a genetic algorithm 5638
Ohya, J. *see* Ebihara, K. 16375
Ohya, J. *see* Fuse, M. 27169
Ohya, J. *see* Hata, K. 5107
Ohya, J. *see* Nariyama, K. 15458
Ohya, J. *see* Otsuka, T. 25788
Ohya, J. *see* Sengupta, K. 25784
Ohya, J. *see* Yoshida, K. 15822
Ohya, K. *see* Hashimoto, K. 18120
Ohya, N. *see* Idogaki, T. 19931
Ohya, S. *see* Itako, K. 29385
Ohya, S. *see* Ohkawa, M. 1330
Ohya, Y. *see* Kodate, K. 25529
Ohyabu, M. *see* Nakayama, M. 36144
Ohyama, H., Suzuki, T., Nishi, K., Mitsuyu, T., Tomimasu, T. Free electron laser annealing of silicon carbide 54331
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Kudou, T., Hakata, T., Kohiki, S., Sunaga, H. Degradation and recovery of $In_{0.53}Ga_{0.47}As$ photodiodes by 1-MeV fast neutrons 23685
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Sunaga, H., Nashiyama, I., Uwatoko, Y., Poortmans, J., Caymax, M. Degradation and recovery of proton irradiated $Si_{1-x}Ge_x$ epitaxial devices 22761
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Tokuyama, J., Hakata, T., Kudou, T., Sunaga, H., Nashiyama, I., Uwatoko, Y., Poortmans, J., Caymax, M. Proton irradiation effects on the performance of $Si_{1-x}Ge_x$ devices 42920
Ohyama, H. *see* Mitsuyu, T. 55918
Ohyama, H. *see* Nishi, K. 54170
Ohyama, H. *see* Ohsugi, T. 37385
Ohyama, H. *see* Ohsugi, T. 37392
Ohyama, H. *see* Tanimoto, M. 56741
Ohyama, H. *see* Unno, Y. 37395
Ohyama, M. *see* Murase, T. 16382
Ohyama, N. *see* Ban, H. 59404
Ohyama, N. *see* Kondoh, T. 46179
Ohyama, N. *see* Nishizawa, H. 24995
Ohyama, R., Kaneko, K. Experimental flow measurements of electrohydrodynamic convection fields by particle image velocimetry 36974
Ohyama, R. *see* Kaneko, K. 60396
Ohyama, S. A study of designing rectenna elements for microwave power transmission 60341
Ohyama, S., Kobayashi, A. Local positioning system by means of enclosing signal field 17774
Ohyama, T. *see* Mino, S. 3668
Ohyama, T. *see* Mino, S. 3884
Ohyama, T. *see* Yang, B. 41943
Ohye, T. *see* Murata, H. 33827
Ohyun Kim *see* Kee-Jong Kim 54652
Ohzeki, K., Saito, T., Kaneko, M., Harashima, H. Interactive model-based coding of facial image sequence with a new motion detection algorithm 5261
Ohzeki, K., Saito, T., Kaneko, M., Harashima, H. Interactive model-based coding for face metaphor user interface in network communications 57508
Ohzone, T. *see* Iwata, H. 43267
Ohzone, T. *see* Iwata, H. 54564
Ohzone, T. *see* Ooka, T. 43090
Ohzu, H. *see* Nakagawa, K. 51505
Ohzu, H. *see* Nirasawa, H. 19661
Ohzu, H. *see* Takaki, Y. 13761
Oi, D.K.L. *see* Tobar, M.E. 50242
Oi Yul Park *see* Man Tak Huh 15221
Oichi, A. *see* Aono, Y. 8162
Oida, T. *see* Tochigi, M. 11685
Oide, K. Collective effects in storage rings with micro bunches 17994
Oide, K. *see* Kashiwagi, S. 49209
Oide, K. *see* Palmer, R.B. 17966
Oide, K. *see* Shintake, T. 37131
Oie, H. *see* Lucke, L. 35947
Oie, Y. *see* Cavendish, D. 46598
Oie, Y. *see* Kato, M. 46680
Oien, G.E., Bertelsen, N.A., Eftestol, T., Husoy, J.H. ECG rhythm classification using artificial neural networks 49745
Oikawa, H. *see* Iwata, N. 31503
Oikawa, H. *see* Matsuda, H. 55836
Oikawa, S. *see* Tsuda, M. 12172
Oikawa, T., Tomizawa, M., Degawa, S. New monitoring system for thermal power plants using digital image processing and sound analysis 29065
Oikawa, T. *see* Furumai, M. 12548
Oikawa, T. *see* Suzuki, Y. 20244
Oikawa, T. *see* Taniyama, A. 1961
Oikawa, Y. *see* Ihara, T. 47940
Oimatsu, K., Yamaguchi, S., Kuramoto, K., Kuwahara, S. Practical methods of evaluating the underwater insulation effect of a single wall 36201
Oimatsu, T. *see* Seshake, H. 35650
Oing, S., John, H.-J. Influence of measurement antenna scattering on the radiated electromagnetic field 45207
Oinuma, T. *see* Masuda, R. 24962
Oishi, A. *see* Hanatani, S. 26810
Oishi, H., Okada, H., Ishizaka, K., Itoh, R. Multiple switching strategy of single-phase switch-mode rectifier 29409
Oishi, H., Okada, H., Ishizaka, K., Itoh, R. Single-phase step-up/down rectifier with improved supply current waveform 38866
Oishi, H. *see* Itoh, R. 40865
Oishi, K. *see* Ando, D. 13378
Oishi, K. *see* Hara, S. 44120
Oishi, K. *see* Kurasawa, M. 10783
Oishi, K. *see* Nakada, Y. 28939
Oishi, M., Yamamoto, M., Kasaya, K. 2.0-μm single-mode operation of InGaAs-InGaAsP distributed-feedback buried-heterostructure quantum-well lasers 44505
Oishi, N., Namikawa, T., Yamazaki, Y. Thermal cycle tests of a planar SOFC stack with flexible interconnections and sliding seals 51526
Oishi, N. *see* Yamazaki, T. 51528
Oishi, R.T. *see* Shuvaev, A.P. 18753
Oishi, S. *see* Tanaka, H.-A. 5922
Oishi, T., Furuta, K., Kondo, S. Workspace recognition and navigation of autonomous mobile robot using self-creating and organizing neural network 57426
Oishi, T. *see* Shiozawa, K. 32101
Oishi, T. *see* Yoshida, M. 37288
Oishi, Y., Wen-Biao Wu, Matsumuro, Y., Okuyama, M., Hamakawa, Y. Preparation of Bi layer structured ferroelectric thin film by laser ablation-$SrBi_2Ta_2O_9$ and $Bi_4Ti_3O_{12}$ thin films 52828
Oishi, Y. *see* Wenbiao Wu 23178
Oiwa, T., Kamiura, T., Kyusojin, A. High-rigidity multi-degree-of-freedom fine motion mechanism using piezoelectric actuators. II. Extension to six-degrees-of-freedom 3005
Oizumi, S. *see* Hotta, Y. 240
Oja, E., Hyvarmen, A. Blind signal separation by neural networks 25188
Oja, E. *see* Hyvarinen, A. 56556
Oja, E. *see* Laaksonen, J. 15869
Oja, E. *see* Valkealahti, K. 15870
Ojala, T. *see* Pietikainen, M. 5651
Ojanguren, A. *see* Woodin, J. 57772
Ojeda, A. *see* Martil, I. 44274
Ojeda, A.M., Redondo, E., Gonzalez Diaz, G., Martil, I. Analysis of light-emission processes in light-emitting diodes and semiconductor lasers 55445
Ojeda-Castaneda, J. Binary holograms for multilevel phase gratings 44783
Ojeda-Castaneda, J., Sauceda, A. Random gratings as correlator sensors 55929
Ojeda-Castaneda, J. *see* Diaz-Santana, L. 25656
Ojeda-Castaneda, J. *see* Lohmann, A.W. 25651
Ojha, M. *see* Ballyk, P.D. 59789
Ojha, M. *see* Bascom, P.A.J. 49556
Ojha, S. *see* Day, S. 26930
Ojha, S.M. *see* Thompson, G.H.B. 36110
Ojha, S.P. *see* Choudhury, P.K. 33101
Ojha, S.P. *see* Sharan, P. 43991
Ojha, S.P. *see* Shukla, P.K. 4320
Ojha, S.P. *see* Shukla, P.K. 23483
Ojha, S.P. *see* Srinivasa Rao, M.P. 43992
Ojika, T. *see* Kijima, R. 48779
Ojima, M. *see* Miyamoto, H. 3183
Ojima, S. *see* Kubo, K. 42460
Ojima, S. *see* Meuris, M. 42475
Ojima, S. *see* Toda, M. 42459
Ojiri, K. *see* Tode, H. 35810
Ojiro, N., Kajiki, M., Ohmori, H., Sano, A., Tsujii, H. Stability-guaranteed adaptive algorithm and its application to active noise canceling 4633
Ojiro, N. *see* Jiang, F. 15411
Ojo, I.A.O. *see* Osasona, O. 44193
Ojo, O., Cox, J. Investigation into the performance characteristics of an interior permanent magnet generator including saturation effects 29244
Ojo, O., Zhiqing Wu Modeling of the doubly-fed reluctance machines using harmonic balance technique and Manley-Rowe power frequency relationships 29285
Ojovan, M.I. *see* Golubtsov, I.V. 50225
Ok Kim, Chang-R Lee, Mi-Kyung Lee, Kwang-S Suh, Oh-Sung Kwon Physical properties of poly-ethylene/ethylene n-butyl acrylate copolymer blends 23227
Ok Kim *see* Chang Ryong Lee 32709
Ok Kim Chae *see* Chae Ok Kim
Ok Park Geun *see* Geun Ok Park
Ok-Chan Jeong, Eui-Hyeok Yang, Sang-Sik Yang An experimental study on electrochemical discharge machining technique for micromachining of pyrex glasses 29910
Oka, A. *see* Hasegawa, K. 6385
Oka, H., Fujiwara, S., Oshima, M., Kishimoto, H. Estimation of muscle fatigue of low back on a vehicle seat 18475
Oka, H., Ohi, M., Fujiwara, M., Funaya, O. Development of tantalum capacitor for multimedia use 31538
Oka, H., Yasuhara, K., Saratani, K., Nakanishi, T., Tatsuta, M., Kawazoe, T., Hirai, K. Tooth movement sensor for clinical use 49396

Oka, H. *see* Takahara, Y. 42559
Oka, K., Matsui, K. Embedding signature into a hardcopy of dithered image 46450
Oka, K., Nomura, M. Automatic test of LCD panel/module by high precision/resolution CCD camera 17677
Oka, K., Unoki, H., Yamaguchi, H., Takahashi, H. Crystal growth of $PbTiO_3$ by the top-seeded solution-growth method 10601
Oka, K. *see* Ishii, H. 30686
Oka, M., Enokizono, M. A detection of backside crack using rotational magnetic flux sensor with search coils 995
Oka, M. *see* Kubota, S. 2475
Oka, M. *see* Yang, S.T. 3747
Oka, M.M. *see* Nakada, A. 32157
Oka, M.Massazumi *see* Massazumi Oka, M.
Oka, R. *see* Endo, T. 24821
Oka, R. *see* Nishimura, T. 5069
Oka, R. *see* Nishimura, T. 25492
Oka, R. *see* Sato, Y. 31427
Oka, T., Ikeya, M., Sugawara, N., Nakanishi, A. A high-sensitivity portable spectrometer for ESR dosimetry 28482
Oka, T., Ouchi, K., Nakamura, T. Small InGaP/GaAs heterojunction bipolar transistors with high-speed operation 31496
Oka, T., Ouchi, K., Uchiyama, H., Taniguchi, T., Mochizuki, K., Nakamura, T. High-speed InGaP/GaAs heterojunction bipolar transistors with buried SiO_2 using WSi as the base electrode 41447
Oka, T. *see* Kojima, Y. 60404
Oka, T. *see* Sone, K. 28491
Oka, Y. *see* Baba, R. 7947
Oka, Y. *see* Gorska, M. 42042
Oka, Y. *see* Kuroda, T. 37176
Oka, Y. *see* Tsumori, K. 37061
Okabayashi, H. *see* Grosjean, D.E. 54515
Okabayashi, H. *see* Sugai, K. 54492
Okabayashi, N. *see* Fukunaga, N. 23464
Okabe, A. *see* Negoro, Y. 43725
Okabe, A. *see* Sugawara, N. 48840
Okabe, C. *see* Kanda, H. 12001
Okabe, H. *see* Kanno, M. 55003
Okabe, H. *see* Mizuno, Y. 40323
Okabe, H. *see* Watanabe, K. 28779
Okabe, I. *see* Harihara, S. 27182
Okabe, M. *see* Tsuruya, H. 10026
Okabe, N. *see* Tanaka, H. 20886
Okabe, S., Hara, T., Takaaki, F. Simulation of positive corona discharge in SF_6 gas by multichannel model 13311
Okabe, Y. *see* Kurashige, M. 13231
Okada, A. *see* Fons, P. 732
Okada, A. *see* Hasegawa, N. 23592
Okada, A. *see* Taki, K. 27433
Okada, A. *see* Takiya, T. 27991
Okada, A. *see* Tokito, S. 44268
Okada, A. *see* Wada, S. 39390
Okada, A. *see* Watanabe, H. 13434
Okada, E. *see* Sawada, K. 60829
Okada, F. *see* Tokita, K. 864
Okada, H., Abe, Y., Iwasaki, T. User interface design for automotive information and communications equipment 9706
Okada, H., Kawanaka, T., Ohmoto, S. Melt growth of ZnSe single crystals with B_2O_3 encapsulant: the role of solid-solid phase transformation on macro defect generation in ZnSe crystals 41942
Okada, H., Saito, M., Sato, T., Yamazato, T., Katayama, M., Ogawa, A. CDMA ALOHA systems with Modified Channel Load Sensing Protocol for satellite communications 26533
Okada, H. *see* Fujikawa, M. 12024
Okada, H. *see* Hashizume, T. 12455
Okada, H. *see* Kohno, M. 7564
Okada, H. *see* Matsuo, T. 50413
Okada, H. *see* Matsuo, T. 50440
Okada, H. *see* Mishina, H. 11986
Okada, H. *see* Oishi, H. 29409
Okada, H. *see* Oishi, H. 38866
Okada, H. *see* Saito, M. 36061
Okada, H. *see* Sakai, T. 48861
Okada, H. *see* Sato, T. 46665
Okada, H. *see* Satoh, M. 31796
Okada, H. *see* Tode, H. 16040
Okada, H. *see* Tode, K. 46560
Okada, H. *see* Tomozawa, H. 13044
Okada, H. *see* Watanabe, K. 26211
Okada, H. *see* Watanabe, M. 44100
Okada, H. *see* Youngbok Choi 47500
Okada, I., Saitoh, Y., Sekimoto, M., Ohkubo, T., Matsuda, T. Defect-free X-ray masks for 0.2-μm large-scale integrated circuits 32297
Okada, I. *see* Itoh, K. 9169
Okada, I. *see* Saitoh, Y. 22679
Okada, K. The coefficients of Daubechies's scaling functions on the wavelet transform 52545
Okada, K. Extended time dependent dielectric breakdown model based on anomalous gate area dependence of lifetime in ultra thin silicon dioxides 54895
Okada, K., Morikawa, S., Takeuchi, S., Shirakawa, I. A high performance multiplier and its application to an FIR filter dedicated to digital video transmission 21811
Okada, K., Nakatani, A., Horio, K. Energy transport modeling of graded AlGaAs/GaAs HBTs: importance of giving adequate transport parameters 12903
Okada, K., Nakatomi, E., Ogawa, N. Implementing the NS8000 series of next-generation switching systems: constructing new networks for the multimedia age 35874
Okada, K., Onodea, H., Tamaru, K. A global routing algorithm for analog circuits using a resistor array model 13067
Okada, K., Taniguchi, K. Electrical stress-induced variable range hopping conduction in ultrathin silicon dioxides 22468
Okada, K. *see* Asano, H. 38267
Okada, K. *see* Brosio, A. 26856
Okada, K. *see* Doi, K. 31603
Okada, K. *see* Faulkner, D. 57722
Okada, K. *see* Haiji, H. 23323
Okada, K. *see* Inoue, T. 26264
Okada, K. *see* Inoue, T. 57847
Okada, K. *see* Itoh, R. 40865
Okada, K. *see* Kohno, H. 41264
Okada, K. *see* Kurosawa, K. 34491
Okada, K. *see* Morikawa, S. 48219
Okada, K. *see* Okuda, T. 11528
Okada, K. *see* Tanaka, M. 24340
Okada, K. *see* Warzanskyj, W. 26388
Okada, M., Hashimoto, M., Funakoshi, T. Wavelength switching of a Fabry-Perot semiconductor laser by detuned optical input pulses 14164
Okada, M., Sakurai, K., Iwata, A. An implementation of large scale distributed workstation system for computer science education 35749
Okada, M., Sato, J., Higashiyama, K., Yaegashi, Y., Nagano, M., Kumakura, H., Togano, K. Development of high-T_c superconducting tapes and their application 43763
Okada, M., Urahama, K. Analog solution method for least trimmed squares regression 21146
Okada, M. *see* Arai, S. 49038
Okada, M. *see* Asakura, T. 2904
Okada, M. *see* Hattori, T. 59111
Okada, M. *see* Kawai, T. 46711
Okada, M. *see* Matsui, T. 55172
Okada, M. *see* Osawa, H. 24652
Okada, M. *see* Sasa, K. 59165
Okada, M. *see* Toda, K. 54306
Okada, M. *see* Urahama, K. 41360
Okada, M. *see* Yano, K. 25182
Okada, N., Nagata, T., Hongbin Zha Planning for parts-picking tasks by using multi-sensor visual system 46142
Okada, N. *see* Ishikawa, K. 2948
Okada, R., Shirai, Y., Miura, J. Object tracking based on optical flow and depth 25496
Okada, S., Sunaga, H., Kaneko, H., Masuno, S., Kawasuso, A., Sakai, T., Takizawa, H., Yotsumoto, K., Honda, Y., Tagawa, S. Design studies for the Positron Factory 37024
Okada, S. *see* Fuchida, T. 39368
Okada, S. *see* Fujie, J. 39296
Okada, S. *see* Matsuda, H. 55836
Okada, S. *see* Matsuzawa, H. 24082
Okada, S. *see* Nanjundaswamy, K.S. 38948
Okada, S. *see* Satoh, K. 60483
Okada, S. *see* Shodai, T. 29581
Okada, S.-I. *see* Fujiwara, Y. 36067
Okada, T., Kosuge, Y. Multisensor tracking of a maneuvering target using multiple maneuver model PDA 24966
Okada, T., Kurai, S., Naoi, Y., Nishino, K., Inoko, F., Sakai, S. Transmission electron microscopy of sublimation-grown GaN single crystal and GaN homoepitaxial film 775
Okada, T., Nakai, I., Hara, A. Laser via-hole drilling machine for multi-layer PWB 53799
Okada, T., Nakata, Y., Kaibara, Maeda, M. Second-harmonic generation and fluorescence from pulsed-laser-deposited $BaTiO_3$ and Nd:$BaTiO_3$ 14279
Okada, T., Nakata, Y., Kaibara, H., Maeda, M. Laser-induced fluorescence imaging of density and temperature distributions in pulsed-laser deposition process 10863
Okada, T., Shirato, T., Hara, H., Iki, M. VJ25 system: 19-GHz high-speed wireless LAN system 35740
Okada, T., Weatherly, G.C., McComb, D.W. Growth of strained InGaAs layers on InP substrates 40315
Okada, T., Yamazaki, H., Tono-oka, Y., Kinoshita, H. Improvement of pattern position accuracy with the LMS2020 [reticles] 22658
Okada, T. *see* Doi, K. 12023
Okada, T. *see* Hashimoto, K. 50076
Okada, T. *see* Honma, S. 52206
Okada, T. *see* Kashima, T. 32938
Okada, T. *see* Katagi, T. 38717
Okada, T. *see* Katagiri, K. 3269
Okada, T. *see* Katagiri, K. 55106
Okada, T. *see* Moriyama, H. 32942
Okada, T. *see* Nilesh J. Vasa 55560
Okada, T. *see* Nitta, T. 60308
Okada, T. *see* Suzuki, T. 36636
Okada, T. *see* Tode, H. 35810
Okada, T. *see* Watanabe, K. 27760
Okada, T. *see* Yabuuchi, Y. 9279
Okada, T. *see* Yamamoto, K. 42432
Okada, Y., Harada, H. Regenerative control of active vibration damper and suspension systems 51429
Okada, Y., Inoue, H., Fusayasu, H., Nishida, H. Analysis for permanent magnet motor taking account of magnetizing process 50894
Okada, Y. *see* Asano, T. 52753
Okada, Y. *see* Chun, Y.-J. 716
Okada, Y. *see* Chun, Y.J. 12481
Okada, Y. *see* Chun, Y.J. 30739
Okada, Y. *see* Enomoto, T. 3921
Okada, Y. *see* Inoue, H. 43686
Okada, Y. *see* Kobayash, T. 1455
Okada, Y. *see* Shimbo, B.N. 22901
Okada, Y. *see* Yamamoto, K. 58807
Okada, Y. *see* Yorozu, M. 7670
Okaevich, L.S. *see* Koretskaya, O.B. 37224
Okafor, A.Chukwujelwu *see* Chukwujelwu Okafor, A.
Okafuji, S., Inenaga, T. Excitation analysis of symmetric TE_0 waves guided through symmetric Kerr-like nonlinear slab waveguides 23547
Okai, M., Lealman, I.F., Rivers, L.J., Dix, C., Armes, D., Perrin, S.D., Marshall, P., Robertson, M.J. Wavelength tunable in-line Fabry-Perot laser with lateral-grating assisted vertical codirectional coupled filter 23947
Okai, M. *see* Kondow, M. 14106
Okai, M. *see* Kondow, M. 14124
Okajima, J. *see* Kadoi, A. 29750
Okajima, K. *see* Ban, H. 59404
Okajima, Y. *see* Yamauchi, T. 43345
Okamachi, M. *see* Tanaka, S. 38628
Okamitsu, J. *see* Katulka, G.L. 33859
Okamoto, A., Suzuki, Y., Yoshitake, M., Ogawa, S., Nakano, N. Gold-carbon composite thin films for electrochemical gas sensor prepared by reactive plasma sputtering 48728
Okamoto, A. *see* Dohata, M. 3989
Okamoto, A. *see* Enbutsu, K. 24242
Okamoto, A. *see* Isawa, Y. 42114
Okamoto, A. *see* Takemura, H. 53962
Okamoto, E. *see* Ichikawa, S. 21424
Okamoto, E. *see* Iwata, K. 14837
Okamoto, E. *see* Mambo, M. 4570
Okamoto, E. *see* Mambo, M. 24797
Okamoto, E. *see* Peralta, R. 56355
Okamoto, E. *see* Uyematsu, T. 45624
Okamoto, E. *see* Uyematsu, T. 56325
Okamoto, E. *see* Yata, S. 11765
Okamoto, F. *see* Hagihara, Y. 41206
Okamoto, F. *see* Kumagai, Y. 39391
Okamoto, H. Trends in overseas business development: becoming a global company as the 21st century approaches [NTT] 5898
Okamoto, H., Izumi, T., Kishi, H. 70 GHz band positioning system for unmanned vehicles 27110
Okamoto, H., Kurita, A., Sanchez-Gasca, J.J., Clark, K., Miller, N.W., Chow, J.H. Identification of equivalent linear power system models from electromagnetic transient time domain simulations using Prony's method 50322
Okamoto, H., Wada, M., Sakai, Y., Kawaguchi, Y., Kondo, Y., Kadota, Y., Kishi, K., Itaya, Y. Narrow-beam 1.3 μm superluminescent diode with butt-jointed selectively grown spot-size converter 44283
Okamoto, H. *see* Abel, C.-D. 3616
Okamoto, H. *see* Akhmad, K. 51597
Okamoto, H. *see* Dewa, H. 37141
Okamoto, H. *see* Guang-Pu Wei 7843
Okamoto, H. *see* Hashimoto, T. 3646
Okamoto, H. *see* Ichitsubo, S. 26466
Okamoto, H. *see* Itaya, Y. 26909
Okamoto, H. *see* Itaya, Y. 55604
Okamoto, H. *see* Iwashita, Y. 49211
Okamoto, H. *see* Kawano, K. 23905
Okamoto, H. *see* Kawano, K. 44489
Okamoto, H. *see* Kawano, K. 44504
Okamoto, H. *see* Kurosaki, T. 23563
Okamoto, H. *see* Kurosaki, T. 23564
Okamoto, H. *see* Kusakabe, C. 2987
Okamoto, H. *see* Sanchez-Gasca, J.J. 50457
Okamoto, H. *see* Suzaki, Y. 44531
Okamoto, H. *see* Tada, Y. 28787
Okamoto, H. *see* Toyama, T. 22277
Okamoto, H. *see* Wada, M. 44468
Okamoto, H. *see* Yamamoto, N. 42574
Okamoto, J. *see* Mizukami, Y. 60325
Okamoto, K. Study on thick film conductor performances on AlN substrate 11994
Okamoto, K. Application of planar lightwave circuits to optical communication systems 16726
Okamoto, K., Adachi, H., Yamane, S., Sato, R., Nagaya, K. Gas pipeline operation supporting system applied to a real facility 48387
Okamoto, K., Iguchi, T., Awaka, J., Kumagai, H., Meneghini, R., Satake, M., Kozu, T. Outline of the TRMM precipitation radar data processing and analysis algorithms 28636
Okamoto, K., Jinbo, T., Araki, T., Iizuka, Y., Nakajima, H., Takahata, M., Inoue, H., Kurohmaru, S., Yonezawa, T., Aono, K. A DSP for DCT-based and wavelet-based video codecs for consumer applications 41207
Okamoto, K., Matoba, T., Muraoka, H. PCI bus specification and key technology for improving performance 35742
Okamoto, K. *see* Awaka, J. 28638
Okamoto, K. *see* Doi, M. 59006
Okamoto, K. *see* Kihm, K.D. 27976
Okamoto, K. *see* Kozu, T. 28635
Okamoto, K. *see* Kumagai, H. 28634

Okamoto, K. *see* Maeno, H. 60083
Okamoto, K. *see* Satake, M. 28633
Okamoto, K. *see* Shibuya, Y. 58584
Okamoto, K. *see* Tachikawa, Y. 6779
Okamoto, K. *see* Takiguchi, K. 47947
Okamoto, K. *see* Yugawa, T. 16273
Okamoto, M., Niitsu, Y. Service specification description using extended message sequence charts between network and users 26285
Okamoto, M. *see* Itaya, Y. 26909
Okamoto, M. *see* Itaya, Y. 55604
Okamoto, M. *see* Kurosaki, T. 23563
Okamoto, M. *see* Kurosaki, T. 23564
Okamoto, M. *see* Ohshima, T. 41751
Okamoto, M. *see* Sugiyama, T. 60622
Okamoto, M. *see* Suzaki, Y. 44531
Okamoto, M. *see* Tanaka, S. 48920
Okamoto, N., Miura, K., Kondo, K., Asano, T., Banno, H. Brazing technology for low temperature cofired ceramics and its application to MCM 12032
Okamoto, N. *see* Kotakemori, H. 588
Okamoto, N. *see* Nakayama, H. 14246
Okamoto, N. *see* Osaka, T. 40687
Okamoto, S., Oguchi, K., Sato, K. Network architecture and management concepts for optical transport networks 35587
Okamoto, S. *see* Maruyama, E. 9537
Okamoto, S. *see* Nagatsu, N. 36108
Okamoto, S. *see* Ogawa, N. 9073
Okamoto, S. *see* Watanabe, A. 26449
Okamoto, T., Cong, J. Buffered Steiner tree construction with wire sizing for interconnect layout optimization 11086
Okamoto, T., Kawaji, S. Possible ring-exchange interaction and Aharonov-Bohm effect in two-dimensional electron solids 22195
Okamoto, T., Yamaguchi, I. Surface plasmon resonance and its application to laser microscopy 13692
Okamoto, T., Yamaguchi, I., Boothroyd, S.A., Chrostowski, J. Novelty filter that uses a bacteriorhodopsin film 33206
Okamoto, T., Yamauchi, I., Yamagata, K. Real-time enhancement of defects in periodic patterns by use of a bacteriorhodopsin film 55931
Okamoto, T. *see* Ebe, H. 705
Okamoto, T. *see* Edwards, A. 23697
Okamoto, T. *see* Fujisaki, E. 56309
Okamoto, T. *see* Kanegami, M. 32634
Okamoto, T. *see* Kanegami, M. 54882
Okamoto, T. *see* Maruyama, K. 704
Okamoto, T. *see* Maruyama, K. 21286
Okamoto, T. *see* Michinishi, H. 11415
Okamoto, T. *see* Michinishi, H. 53123
Okamoto, T. *see* Ohmi, S. 32453
Okamoto, T. *see* Ohnishi, A. 21591
Okamoto, T. *see* Ohtake, Y. 39064
Okamoto, T. *see* Shishiguchi, S. 10771
Okamoto, T. *see* Taki, K. 27433
Okamoto, T. *see* Yamasa, Y. 34484
Okamoto, Y., Kimura, S., Ikoma, H. Oxynitridation of silicon using helicon-wave excited and inductively-coupled nitrogen plasma 42533
Okamoto, Y., Mashima, S. On the ideal reference potential for unipolar electrocardiography and its practical realization using body surface potential distribution 49655
Okamoto, Y., Takada, T., Mochizuki, Y. Theoretical study of the surface reaction mechanism of GaN with HCl 32160
Okamoto, Y. *see* Hiyamizu, S. 42109
Okamoto, Y. *see* Inagaki, T. 48980
Okamoto, Y. *see* Kimura, S. 54373
Okamoto, Y. *see* Kurihara, Y. 3216
Okamoto, Y. *see* Okuda, S. 48181
Okamoto, Y. *see* Osawa, H. 24652
Okamura, H., Sato, M., Nakamura, S., Kishi, S., Kokubu, K. FCL (FET coupled logic) circuit for 1.5 V, multi-GHz BiCMOS LSIs 1264
Okamura, H. *see* Toyoshima, H. 1333
Okamura, K. *see* Endo, A. 44607
Okamura, K. *see* Endo, F. 13949
Okamura, M. *see* Hattori, T. 59111
Okamura, M. *see* Sasa, K. 59165
Okamura, S., Kimura, Y., Mohammadnejad, S. Sensing system for controlling automatic dyeing or printing process on textile 36481
Okamura, S., Yagi, Y., Ando, S., Tsukamoto, T., Mori, K. Micropatterning of ferroelectric $Bi_4Ti_3O_{12}$ using electron-beam-induced reaction of metal octylate films 32662
Okamura, S., Yagi, Y., Kakimi, A., Ando, S., Mori, K., Tsukamoto, T. Crystallization of precursor micropatterns of ferroelectric $Bi_4Ti_3O_{12}$ fabricated by electron beam scanning 2949
Okamura, S. *see* Ando, S. 2915
Okamura, S. *see* Tsutsumi, K. 9698
Okamura, T. *see* Cho, T. 37568
Okamura, T. *see* Nakamura, H. 39222
Okamura, T. *see* Okuno, Y. 20056
Okamura, T. *see* Sasaki, K. 61099
Okamura, T. *see* Yasuda, A. 48183
Okamura, Y. *see* Watanabe, E. 34819
Okamuro, T. *see* Tsuchiya, T. 14532
O'Kane, B.L. Driving with indirect viewing sensors: understanding the visual perception issues 17514
O'Kane, P., Fox, B. Loss of mains detection by measurement of system impedance 19390
Okanik, P.von *see* von Okanik, P.
Okano, F., Hoshino, H., Arai, J., Yuyama, I. Real-time pickup method for a three-dimensional image based on integral photography 58924
Okano, H., Okawa, M., Uetsuka, H., Teraoka, T., Aoki, S., Tsuji, S. Passive aligned hybrid integrated optical module using planar lightwave circuit platform 58328
Okano, H., Otsuki, H., Uetsuka, H., Teraoka, T., Shiota, T., Aoki, S., Tsuji, S. Passive aligned hybrid integrated WDM transceiver module using planar lightwave circuit platform 26916
Okano, H. *see* Kimura, M. 38464
Okano, H. *see* Kobayashi, Y. 13387
Okano, H. *see* Ohno, H. 57800
Okano, H. *see* Satoh, K. 60483
Okano, H. *see* Uetsuka, H. 26920
Okano, K., Yamada, T., Ishihara, H., Koizumi, S., Itoh, J. Electron emission from nitrogen-doped pyramidal-shape diamond and its battery operation 53934
Okano, K. *see* Kuramasu, K. 1738
Okano, M. *see* Ogawa, T. 11938
Okano, T. *see* Hata, K. 54324
Okano, Y. Color image enhancement by digital filtering operations and its evaluations 57389
Okano, Y., Hamada, N. Estimation of varying frequency by Gabor filters and neural network 57215
Okanoue, K. *see* Ohsawa, T. 6115
Okanoue, K. *see* Ohsawa, T. 57873
Okasaki, K. *see* Oh, S.Y. 43240
Okatani, T., Deguchi, K. Reconstructing shape from shading with a point light source at the projection center: shape reconstruction from an endoscope image 5303
Okato, Y., Kato, K., Kamamoto, M., Itahashi, S. Insertion of interjectory response based on prosodic information 45679
Okawa, K., Sasase, I. Multicarrier trellis-coded eight-phase shift keying system using frequency hopping 47594
Okawa, K. *see* Adachi, F. 26560
Okawa, K. *see* Wakai, S. 11181
Okawa, M. *see* Okano, H. 58328
Okawa, Y., Tsuchiya, H., Miyoshi, T. Guided modes in an arbitrarily oriented Si-quantum wire and their control 12482
Okayama, H., Kamijoh, T., Kawahara, M. Multiwavelength highway photonic switches using wavelength-sorting elements–design 58271
Okayama, H., Nagata, A., Isa, H. Properties of solid oxide fuel cell using $MgO\text{-}ZrO_2$ 29603
Okayama, H., Ozeki, Y., Kamijoh, T., Xu, C.Q., Asabayashi, I. Dynamic wavelength selective add/drop node comprising fibre gratings and optical switches 47489
Okayama, H., Tsuchiya, T., Shimomura, Y. Proposal of newly regenerated snubber circuit for large capacity 3-level GTO inverter system 51248
Okayama, H., Uchida, R., Koyama, M., Mizoguchi, S., Tamai, S., Ogawa, H., Fujii, T., Shimomura, Y. Large capacity high performance 3-level GTO inverter system for steel main rolling mill drives 29415
Okayama, H. *see* Chang-Qing Xu 33626
Okayama, H. *see* Xu, C.Q. 33643
Okayama, H. *see* Xu, C.Q. 44661
Okayama, Y. *see* Nishigohri, M. 43077
Okazaki, C. *see* Hiratani, M. 21351
Okazaki, H., Arakawa, A., Asahi, T., Oda, O., Aiki, K. GaN epitaxial growth on neodymium gallate substrates 30838
Okazaki, H., Nakajima, H., Hirota, T. Compact monolithic frequency converters for a V-band transmitter/receiver 21955
Okazaki, H. *see* Arima, N. 40860
Okazaki, H. *see* Kanda, A. 53687
Okazaki, H. *see* Kawagoe, T. 35621
Okazaki, K. *see* Miyataka, M. 18342
Okazaki, K. *see* Mizutani, Y. 9708
Okazaki, K. *see* Nakamura, O. 8094
Okazaki, K. *see* Sugimoto, S. 60848
Okazaki, M., Saiki, Y. Improved quality of tantalum capacitors by new screening method 31539
Okazaki, M. *see* Sugie, M. 18340
Okazaki, S. Lithography prospects for 0.18-μm technology and beyond 42890
Okazaki, S. *see* Imai, A. 2506
Okazaki, S. *see* Imai, A. 2558
Okazaki, S. *see* Nakagawa, H. 58820
Okazaki, S. *see* Yamashita, N. 11465
Okazaki, S. *see* Yoshimura, T. 32276
Okazaki, T. *see* Mase, K. 5969
Okazaki, Y. Loss deterioration in amorphous cores for distribution transformers 23380
Okazaki, Y. *see* Ikeda, K. 2838
Okazaki, Y. *see* Inokawa, H. 2813
Okazaki, Y. *see* Mogi, H. 7530
Okazawa, H. *see* Matsumoto, Y. 26660
Okazawa, H. *see* Ono, K. 21765
Okazawa, H. *see* Saifuddin, A. 47859
Okazawa, H. *see* Yonekura, Y. 59475
Okazawa, K. *see* Fujisaki, K. 44996
Okeda, C. *see* Li, H. 25940
O'Keefe, C.M. *see* Jackson, W.-A. 4537
O'Keefe, C.M. *see* Jackson, W.A. 4541
O'Keefe, E. *see* Capper, P. 10629
O'Keefe, M.F., Henderson, G.N., Boles, T.E., Noonan, P., Sledziewski, J.M., Brown, B. SiGe BJTs for low-voltage power applications 53599
O'Keefe, R.J., Schulz, R.P., Bhatt, F.B. Improved representation of generator and load dynamics in the study of voltage limited power system operations 50475
O'Keefe, S. *see* Merritt, P. 38174
O'Keefe, S. *see* Thiel, D.V. 34376
O'Keefe, S.G. *see* Preston, S.L. 24597
O'Keefe, T. *see* Lizotte, T. 44339
O'Keefe, T.R. *see* Engelsberg, A.C. 32193
Okello, N.N. *see* McMichael, D.W. 25232
O'Kelly, D. *see* Yousef-Zai, F.Q. 9295
Oketani, N., Ushio, T. Chaotic synchronization of globally coupled maps with an application in communication 46669
O'Key, M.A. *see* Forrest, L. 55205
Okhatrin, A.F. *see* Akimov, A.E. 34983
Okhatrin, F.A. *see* Akimov, A.E. 34983
Okhmatovsky, V.I. *see* Vasil'ev, E.N. 45027
Okhmatovsky, V.L. *see* Vasil'ev, E.N. 45450
Okhyun Jeong, Youngchan Moon, Sangwon Yun, Iksoo Chang A study on the radiation pattern analysis of the monopole antenna mounted on a portable phone 56185
Oki, A. *see* Chang, K.W. 41483
Oki, A. *see* Cowles, J. 41519
Oki, A. *see* Kikutani, T. 31984
Oki, A.K. *see* Kobayashi, K.W. 1729
Oki, A.K. *see* Kobayashi, K.W. 11718
Oki, A.K. *see* Kobayashi, K.W. 21963
Oki, A.K. *see* Kobayashi, K.W. 31526
Oki, A.K. *see* Kobayashi, K.W. 32538
Oki, A.K. *see* Kobayashi, K.W. 41494
Oki, A.K. *see* Kobayashi, K.W. 41495
Oki, A.K. *see* Kobayashi, K.W. 41512
Oki, H. *see* Hashimoto, K. 50076
Oki, I., Haida, T., Wakabayashi, S., Tsuge, R., Sakakibara, T., Murase, H. Development of partial discharge monitoring technique using a neural network in a gas insulated substation 60966
Oki, K. *see* Ishimaru, M. 41962
Oki, S. *see* Tanaka, H. 32672
Oki, Y. *see* Hasegawa, N. 32340
Oki, Y. *see* Maeda, M. 33395
Okiguchi, A.K. *see* Sugimura, H. 22733
Okihara, N., Watari, H., Yamashita, Y., Ito, H. Technological trend of miniature relays mounted on printed wiring board 35864
Okimoto, S. *see* Miyahara, H. 27863
Okimura, H., Koizumi, Y., Kaida, S. Preparation of p-InSb thin films using zone refined source materials and their electrical properties 40657
Okimura, K., Shibata, A. Mass and energy analyses of substrate-incident ions in TiO_2 deposition by RF magnetron sputtering 30929
Okimura, K. *see* Maeda, N. 40658
Okin, A.A. *see* Gerikh, V.P. 8736
Okino, K. *see* Suzuki, F. 41068
Okino, K. *see* Suzuki, F. 47453
Okino, N. *see* Sato, H. 25905
Okino, Y., Hashimoto, H., Mizumoto, K., Kubo, T., Kikawa, H. Life time test of rewritable mini disc (MD) media 43917
Okishev, A., Skeldon, M.D., Letzring, S.A., Seka, W. Comparative investigation of fast photodetector responses to complex shaped optical pulses 27558
Okishev, V.A. *see* Turmov, G.P. 50122
Okita, T. *see* Matsuda, H. 185
Okkalides, D. Use of the output video signal for dynamic range, brightness control and image memory assessment in X-ray fluoroscopy 7898
Okko, P., Gunasekaran, A. An analysis of technology transfer and diffusion as a part of growth strategy 30095
Okle, M. *see* Adam, A. 37280
Oklobdzija, V., Suzuki, H., Morinaka, H., Makino, H., Nakase, Y., Mashiko, K., Sumi, T. Comments on "Leading-zero anticipatory logic for high-speed floating point addition" [with reply] 21638
Oklobdzija, V. *see* Stelling, P.F. 1269
Oklobdzija, V.G. *see* Bonatto, P. 1271
Oklobdzija, V.G. *see* Noel, J. 1480
Oklobdzija, V.G. *see* Stelling, P.F. 31234
Oklobdzija, V.G. *see* Strandberg, R.H. 31392
Okojie, R.S., Ned, A.A., Kurtz, A.D., Carr, W.N. α(6H)-SiC pressure sensors at 350°C 48482
Okoniewski, M., Mrozowski, M., Stuchly, M.A. Simple treatment of multi-term dispersion in FDTD 52586
Okoniewska, E. *see* Okoniewski, M. 41387
Okoniewski, M., Okoniewska, E., Stuchly, M.A. Three-dimensional subgridding algorithm for FDTD 41387
Okoniewski, M., Stuchly, M.A. FDTD analysis of the handset antenna and human body interaction 37897
Okoniewski, M., Stuchly, M.A., Mrozowski, M., DeMoerloose, J. Modal PML 24544
Okonogi, K., Kikuchi, H., Kitano, T. Critical Cu concentration of enhanced oxidation generation on thin film SOI wafer 12802
Okorokov, A.I. *see* Grigoriev, S.V. 37094
Okoshi, H., Kishimoto, Y., Kato, Y., Okoshi, T. New BGA package with AlN heat-spreader 10154
Okoshi, T. *see* Okoshi, H. 10154
Okoshi, T. *see* Yukoyama, Y. 16354
Okoshi, Y. *see* Itabashi, T. 12034
Okou, F.-A. *see* Akhrif, O. 19716
Okrent, D. *see* Zheng Wu 38522

Oks, E., Anders, A., Brown, I., Dickinson, M., MacGill, R. Influence of a strong pulsed magnetic field on the charge state distribution of ions in a vacuum arc plasma 22123
Oks, E., Yushkov, G. Some features of vacuum arc plasmas with increasing gas pressure in the discharge gap 23210
Oksasoglu, A., Akgui, T. A linear inverse system approach in the context of chaotic communications 26373
Okshin, A.A. *see* Il'kaev, D.R. 32407
Oksman, J. *see* Chen, X.H. 6465
Oksman, Ya.A. *see* Amosova, L.P. 1902
Oktem, R., Kuosmanen, P., Egiazarian, K. Image compression using pyramidal distance order statistic filtering 46353
Oktyabrsky, S., Aboelfotoh, M.O., Narayan, J. Microstructure and chemistry of Cu-Ge ohmic contact layers to GaAs 12547
Oktyabrsky, S., Aboelfotoh, M.O., Narayan, J., Woodall, J.M. Cu_3Ge ohmic contacts to n-type GaAs 12546
Oktyabrsky, S. *see* Borek, M.A. 12812
Oktyabrsky, S. *see* Dovidenko, K. 12285
Oktyabrsky, S. *see* Kumar, D. 13497
Oku, K. *see* Okuda, H. 60828
Oku, M. *see* Peng, D.L. 919
Oku, M. *see* Yoshida, K. 3378
Oku, M. *see* Yoshida, K. 3379
Oku, M. *see* Yoshida, K. 3387
Oku, M. *see* Yoshida, K. 23486
Oku, S. *see* Shibata, Y. 13890
Oku, T. *see* Furumai, M. 12548
Oku, T. *see* Hashimoto, K. 54254
Oku, T. *see* Koide, Y. 12517
Okube, Y. *see* Hattori, T. 2377
Okubo, A., Miyayama, M., Yanagida, H. Effect of oxygen-gas concentration in the heat-treatment atmosphere and high-voltage pulse application on the electrical properties of carbon fibers 22205
Okubo, H., Kato, T., Suzuki, A., Yoshida, M., Hayabawa, N., Hikita, M. Voltage phase dependence of partial discharge current pulse waveform in SF_6 gas and its frequency characteristics 38926
Okubo, H., Ota, K., Yuasa, S., Hayakawa, N., Hikita, M. Laser-induced discharge characteristics in low vacuum with residual helium gas and air 23213
Okubo, H., Shimizu, R., Kato, K., Hayakawa, N., Hikita, M. Kerr electro-optic field measurement in transformer oil/solid dielectrics composite insulation system 23251
Okubo, H., Shimizu, R., Sawada, A., Kato, K., Hayakawa, N., Hikita, M. Kerr electro-optic field measurement and charge dynamics in transformer-oil/solid composite insulation systems 54962
Okubo, H., Wakita, M., Chigusa, S., Hayakawa, N., Hikita, M. Dynamic breakdown characteristics of liquid helium induced by a quench of superconducting wire and coil 54884
Okubo, H., Wakita, M., Goshima, H., Hayakawa, N., Hikita, M. Quench-induced dynamic breakdown and prebreakdown characteristics of liquid helium 23254
Okubo, H., Yamashita, H., Hayakawa, N., Ueda, T., Hikita, M. Electromagnetic spectrum radiated from gas discharges and its relation to partial-discharge characteristics 43469
Okubo, H., Yoshida, M., Suzuki, A., Kato, T., Hayakawa, N., Hikita, M. Discrimination of partial discharge type in SF_6 gas by simultaneous measurement of current waveform and light emission 19889
Okubo, H., Yuasa, S., Ota, K., Hayakawa, N., Hikita, M. Discharge inception characteristics and optical observation of discharge profile under nonuniform field in vacuum 23212
Okubo, H. *see* Hayakawa, N. 13265
Okubo, H. *see* Hayakawa, N. 23143
Okubo, H. *see* Hayakawa, N. 43857
Okubo, H. *see* Hayakawa, N. 54885
Okubo, H. *see* Hikita, M. 13304
Okubo, H. *see* Hikita, M. 19665
Okubo, H. *see* Hoshino, T. 9426
Okubo, H. *see* Kato, K. 51386
Okubo, H. *see* Tsumura, T. 27921
Okubo, H. *see* Tsumura, T. 58409
Okubo, M., Yamasaki, H. Numerical prediction on performance of closed cycle disk MHD generator 20055
Okubo, M., Yamasaki, H. Numerical prediction on performance of disk plasma MHD generator 39223
Okubo, M. *see* Yamasaki, H. 20057
Okubo, N. *see* Saito, T. 27072
Okuda, F. *see* Oashi, T. 41171
Okuda, F. *see* Sakashita, N. 1340
Okuda, F. *see* Sakashita, N. 41142
Okuda, H., Genji, T., Oku, K., Yoshida, M., Motomura, K., Shimoo, T. Anti-corrosive pole-mounted transformer tanks 60828
Okuda, H. *see* Nakamura, K. 35071
Okuda, I., Yashiro, H., Takahashi, E., Matsushima, I., Matsumoto, Y., Miura, E., Tomie, T., Owadano, Y. Laser energy extraction from the "Super-ASHURA" main amplifier 33366
Okuda, I. *see* Takahashi, E. 44704
Okuda, K. *see* Butsuen, T. 29865
Okuda, M., Fukuoka, T., Ikehara, M., Takahashi, S. The design of 2-channel perfect reconstruction IIR filter banks with causality 41335
Okuda, M., Ikehara, M., Takahashi, S. Simultaneous approximation for IIR digital filters with log magnitude and phase response 11596
Okuda, M., Ikehara, M., Takahashi, S. Least-squares method for 2-D FIR digital filters without matrix inversions 41336
Okuda, M., Ikehara, M., Takahashi, S. Least-squares approach for IIR digital filters and application to equiripple solutions 53449
Okuda, M. *see* Aoki, M. 61382
Okuda, M. *see* Hojo, N. 19987
Okuda, M. *see* Ishihara, T. 47327
Okuda, M. *see* Nakakita, E. 38070
Okuda, M. *see* Suzuki, A. 2038
Okuda, M. *see* Suzuki, A. 12294
Okuda, N. *see* Uemura, T. 55401
Okuda, S., Arai, Y., Okamoto, Y. Evaluation of environmental condition using marine GPS 48181
Okuda, S. *see* Morimoto, W. 31696
Okuda, S. *see* Sashida, H. 6401
Okuda, T., Koga, T., Tadokoro, Y. A neural approach to inverse problem of teletraffic systems 6088
Okuda, T., Kumamoto, T., Ito, M., Miki, T., Okada, K., Sumi, T. Static linearity error analysis of subranging A/D converters 11528
Okuda, T. *see* Kato, T. 30836
Okuda, T. *see* Kitamura, T. 2422
Okuda, T. *see* Mizuta, M. 2877
Okuda, T. *see* Ndousse, T.D. 5975
Okuda, T. *see* Saeki, T. 1385
Okuda, T. *see* Sakai, A. 58022
Okuda, T. *see* Yamada, H. 17073
Okuda, T. *see* Yamada, H. 58287
Okuda, T. *see* Yamaguchi, M. 51581
Okuda, T. *see* Yamaguchi, M. 61090
Okuda, Y., Tamai, S., Kishi, M., Yasutomi, F., Kawata, B., Tsukamoto, I. Application of color-gray image transformation to high accurate edge detection 52298
Okuda, Y. *see* Kinosada, Y. 7949
Okuda, Y. *see* Roy, P.K. 1910
Okuda, Y. *see* Uemura, T. 55401
Okudai, S. *see* Kubo, K. 39407
Okude, S. *see* Wada, A. 23507
Okugawa, T., Hotate, K. Synthesis of arbitrary shapes of optical coherence function using phase modulation 15672
Okugi, T. *see* Kashiwagi, S. 49209
Okuhara, N. *see* Otani, Y. 36912
Okuhata, H. *see* Uno, H. 58320
Okuhata, H. *see* Yoshida, Y. 53306
Okui, Y., Yamada, H. Simulation analysis of three-phase current type AC-to-DC converter with high power factor 51114
Okui, Y. *see* Kishi, S. 2360
Okujima, M. *see* Katakura, K. 28198
Okulov, V.L. *see* Arm, V.Kh. 50810
Okulu, H.H. *see* Yildirim, O. 4257
Okuma, M. *see* Kifuku, T. 9702
Okuma, S. *see* Nishibori, K. 51066
Okuma, S. *see* Tomimasu, T. 33583
Okuma, S. *see* Tomita, M. 51039
Okuma, T. *see* Takahashi, M. 38434
Okuma, Y. *see* Chujo, T. 37284
Okumiya, K., Kaneko, M., Harashima, H. Generation and applications of abstract index images from moving image sequences 15823
Okumoto, M. *see* Rajanikanth, B. 38460
Okumur, K. Recent topic on circuit analysis–application of interval arithmetic 1021
Okumura, F. *see* Kaneko, S. 36807
Okumura, H., Itoh, G., Suzuki, K., Suzuki, K., Sasaki, M. Multi-field driving method for reducing LCD power consumption 17651
Okumura, H., Ohta, K., Ando, K., Ruhle, W.W., Nagatomo, T., Yoshida, S. Bandgap energy of cubic GaN 31855
Okumura, H. *see* Feuillet, G. 40306
Okumura, K., Hisakado, T. On the bifurcations of subharmonic oscillations in nonlinear three-phase circuit 1177
Okumura, K., Tatesuki, K., Chijo, H., Kasai, H. Low power radio service call system 16527
Okumura, K. *see* Azuma, T. 32282
Okumura, K. *see* Cesarsky, C.J. 36548
Okumura, K. *see* Hayashibe, R. 59440
Okumura, K. *see* Hisakado, T. 40851
Okumura, K. *see* Ichikawa, S. 21424
Okumura, K. *see* Onae, A. 27820
Okumura, M., Tanimoto, H. A time-domain method for numerical noise analysis of oscillators 40957
Okumura, S. *see* Yokota, W. 49266
Okumura, T., Mitsuhashi, A., Tanaka, T. High density plasma dry etching technology capable of processing 0.25/μm rule devices 54461
Okumura, T. *see* Ishii, K. 50194
Okumura, T. *see* Shimura, M. 13808
Okumura, Y. *see* Brosio, A. 26856
Okumura, Y. *see* Dohi, T. 47688
Okumura, Y. *see* Inoue, T. 37062
Okumura, Y. *see* Kanada, T. 47425
Okumura, Y. *see* Kawamoto, Y. 18336
Okumura, Y. *see* Kuroi, T. 2810
Okumura, Y. *see* Miyamoto, K. 37185
Okumura, Y. *see* Noguchi, K. 34315
Okumura, Y. *see* Oguri, H. 49300
Okumura, Y. *see* Sayama, H. 43296
Okumura, Y. *see* Yasuoka, A. 43013
Okun, O., Ablameyko, S. Modified distance transform with raster scanning value propagation 5008
Okunev, V.I. *see* Swallom, D.W. 20053
Okunieff, P. *see* Douglas, R.M. 59764
Okuno, A., Fujita, N., Ikeda, K., Nagai, K., Tsukasaki, Y., Oyama, N., Nakahira, K., Hashimoto, T., Robertson, M. PES (printing encapsulation systems) of some BGA packagings 52239
Okuno, H. *see* Toyohara, A. 47983
Okuno, H.G., Nakatani, T., Kawabata, T. Cocktail-party effect with computational auditory scene analysis–preliminary report 56377
Okuno, H.G. *see* Nakatani, T. 15078
Okuno, H.G. *see* Nakatani, T. 45804
Okuno, K., Kobatake, H., Nawano, S., Nakajima, N., Takeo, H. Development of an adaptive system for microcalcification detection 49454
Okuno, K. *see* Kato, T. 51866
Okuno, K. *see* Kawai, K. 17001
Okuno, K. *see* Korekado, T. 14644
Okuno, M. *see* Hatsuda, T. 34089
Okuno, M. *see* Watanabe, A. 26449
Okuno, R., Yoshida, M., Uchiyama, T., Akazawa, K. Basic study of vibrotactile sensory feedback system for biomimetic powered-prosthetic hand 49783
Okuno, S., Ikeda, H., Saitoh, Y., Akamine, T., Inoue, M., Yamanaka, J., Kadoi, K., Kojima, Y., Miyahara, S., Kamiya, M. Characterization of an ONO-stacked insulator film for a silicon micro-strip detector 43577
Okuno, S., Ikeda, H., Saitoh, Y., Inoue, M., Yamanaka, J., Akamine, T. Accelerated life test of an ONO stacked insulator film for a silicon micro-strip detector 59291
Okuno, S. *see* Miyata, H. 37384
Okuno, S. *see* Senyo, K. 37386
Okuno, T., Miyajima, H., Satake, A., Masumoto, Y. Exciton localization and decomposition dynamics in cuprous halide nanocrystals 22421
Okuno, Y., Kabashima, S., Okamura, T., Yoshikawa, K., Tsuji, K., Suekane, T., Shioda, S., Yamasaki, H., Hasegawa, Y. Experimental studies on closed cycle MHD power generation with Fuji-1 facility 20056
Okuno, Y., Kato, H., Sano, M. Stoichiometry control of ZnSe crystals 30700
Okuno, Y., Tamura, M. Direct wafer bonding of a (001) InP-based strained multiple quantum well on a (110) Si substrate with a GaAs buffer layer, aligning cleavage planes of InP and Si 31965
Okuno, Y. *see* Matsuda, T. 14593
Okuno, Y. *see* Nishimura, Y. 60455
Okuno, Y. *see* Nosich, A.I. 14591
Okuno, Y. *see* Sasaki, K. 61099
Okuno, Y. *see* Yoshiie, R. 61100
Okuo, T., Kaga, Y., Momma, A. New tubular type SOFC using metallic system components 51516
Okura, H., Usui, N., Kamimura, T. Image processing technology for transforming color image data to bi-level data 35044
Okura, K., Yoshida, T., Sakai, Y. 3-D non-orthogonal sampling for motion pictures with spectrum-adaptive bandlimitation 56947
Okura, K. *see* Kato, T. 55151
Okura, Y. *see* Murakami, R. 34578
Okusawa, T. *see* Inoue, Y. 49326
Okushi, E. *see* Shackleford, B. 1030
Okushi, H. *see* Hara, S. 12535
Okushi, H. *see* Hara, S. 22432
Okushi, H. *see* Hara, S. 42277
Okushi, H. *see* Hayashi, K. 41835
Okutani, N. *see* Utsumi, H. 53843
Okutomi, H. *see* Hara, K. 37400
Okuyama, F. *see* Filip, V. 41752
Okuyama, F. *see* Yoshida, H. 59392
Okuyama, H. *see* Takada, H. 43368
Okuyama, H. *see* Uehara, T. 2803
Okuyama, K. *see* Habuka, H. 12155
Okuyama, K. *see* Kubota, K. 54815
Okuyama, K. *see* Lindroth, A. 8856
Okuyama, K. *see* Lindroth, A. 8857
Okuyama, K. *see* Okuyama, S. 58876
Okuyama, K. *see* Sakai, K. 13442
Okuyama, K. *see* Tanaka, A. 7402
Okuyama, K. *see* Watanabe, Y. 50043
Okuyama, M., Kuratani, Y. Electron emission from ferroelectric ceramic thin plate by pulsed electric field 22164
Okuyama, M. *see* Guang-Pu Wei 7843
Okuyama, M. *see* Kuratani, Y. 2946
Okuyama, M. *see* Oishi, Y. 52828
Okuyama, M. *see* W-Ping Xu 52757
Okuyama, M. *see* Wenbiao Wu 23178
Okuyama, S., Umemoto, K., Okuyama, K., Ohshima, S., Matsushita, K. Pd/Ni-Al_2O_3-Al tunnel diode as high-concentration-hydrogen gas sensor 58876
Okuyama, S. *see* Matsushita, K. 2350
Okuyama, T. *see* Kawahara, Y. 17108
Okuyama, T. *see* Kimura, S. 56181
Okuyama, T. *see* Ota, H. 10081
Okuyama, Y. *see* Ichiyanagi, T. 52124
Okuyama, Y. *see* Ikedo, T. 41358
Okuyama, Y. *see* Yasutake, K. 52631
Okyudo, N. *see* Watanabe, K. 26211

Olabe, M.A. Operating systems design and implementation: an integrated approach using Minix 52020
Olabe, M.A., Gondra, F., Perez, J.L. Estimation of cell loss probability in an ATM multiplexer using simulation and statistical extrapolation 35454
Olabe, M.A., Perez, J.L., Gondra, F. Simulation based performance evaluation of packetized voice in ATM networks 35452
Oladipupo, A. *see* Hanidu, G.A. 20609
Olah, V. *see* Miklos, P. 54119
Olajos, J., Engvall, J., Grimmeiss, H.G., Kibbel, H., Presting, H. Optical anisotropies in strained Si/SiGe systems 2165
Olalde, G. *see* Hernandez, D. 48611
Olalde, G. *see* Pin, O. 48983
Olan, R. *see* Boldea, I. 29347
Oland, C.B. *see* Naus, D.J. 29031
Olander, K. *see* Romig, T. 12686
Olaniyan, J. *see* Aissi, C. 53257
O'Larey, P.M. *see* McKinnell, J.C. 55140
Olariu, N. *see* Ilie, C. 51608
Olariu, S. *see* Bokka, V. 4970
Olatona, D.M. *see* Bird, J.P. 12467
Olavi, K. *see* Jarmo, A. 49806
Olbrechts, G. *see* Matsuda, N. 14388
Olbrich, S., Pralle, H. Recording of multimedia data in a distributed system 48251
Olbrich, T., Mozuelos, R., Richardson, A., Bracho, S. Design-for-test (DfT) study on a current mode DAC 11534
Olbrich, T., Perez, J., Grout, I.A., Richardson, A.M.D., Ferrer, C. Defect-oriented vs schematic-level based fault simulation for mixed-signal ICs 41348
Olbrich, T., Richardson, A. Integrated test support for intelligent sensors 7271
Olbrich, W. *see* Ehrler, S. 31612
Olcer, I. *see* Vertiy, A.A. 53556
Olcese, M. *see* Rossi, P. 18092
Oldaker, R.S. *see* Gilbert, J.M. 39264
Olde Daalhuis, A.B. Hyperterminants. I 10551
Olde Hampsink, B.G.M., Lubbers, A.P.G., Witteveen, F.J.F.M. Integration of education and industrial projects at the Hogeschool Enschede 9865
Oldenkamp, H., de Jong, I.J., Baltus, C.W.A., Verhoeven, S.A.M., Elstgeest, S. Reliability and accelerated life tests of the AC module mounted OKE4 inverter 38877
Oldershaw, G.A. *see* Allwood, D.A. 4170
Oldfield, B. Backside connections 41571
Oldfield, M.A. Environmental management at Sizewell B–a multiple success 9032
Oldfield, M.K., Underwood, C.I. PRISM–a tool for modelling proton energy deposition in semi-conductor materials 21679
Oldham, N., Parker, M., Bell, B., Avramov-Zamurovic, S. Exploring the low frequency performance of thermal converters using circuit models and a digitally synthesized source 27492
Oldham, N., Parker, M., Waltrip, B., Avramov-Zamurovic, S. Low voltage standards in the 10 Hz to 1 MHz range 27349
Oldham, R.W. Current situation in UK power plants [generator protection] 19674
Oldham, T.J. *see* Bouch, S.M. 35575
Oldham, T.R., Lelis, A.J. New insights into oxide trapped holes and other defects: implications for reliability studies 42341
Oldham, T.R. *see* Lelis, A.J. 21697
Oldham, W. *see* Schenker, R. 22665
Oldham, W.G. *see* Fields, C.H. 22725
Oldham, W.G. *see* Schenker, R. 2538
Oldiges, P. Soft error rate modeling and analysis of SOI/TFT SRAM's 11449
Oldiges, P.J. *see* Wenchao Liang 22856
Olds, B.M. Using the staff meeting format to teach oral communications 20560
Olds, B.M., Miller, R.L. A liberal education model of leadership preparation: the McBride Honors Program in Public Affairs for engineers 20653
Olds, B.M. *see* Murawski, M. 20505
O'Leary, G.C. *see* Quatieri, T.F. 15249
O'Leary, G.W. *see* Ribando, R.J. 20482
O'Leary, J., Brown, G. Synchronous emulation of asynchronous circuits 53250
O'Leary, J. *see* Wenban, A. 17229
O'Leary, J. *see* Yirng-An Chen 31331
Oleas, J. The effect of market developments on future power station designs in Europe 60456
Olefs, E. Neutral point connection on medium-voltage supply systems at industrial sites 8869
Oleinik, V.A., Yafarov, R.K. Formation of conformal silicon dioxide films in a microwave vacuum plasma excited by electron cyclotron resonance 52761
Oleinikov, A.M. *see* Martynov, V.N. 19736
Olejar, J., Steinmuller, B. The architecture of a low level protocol analysing tool 46715
Oleksenko, P.F. *see* Kamuz, A.M. 3444
Oler, K.S., Petersen, B.R., Sesay, A.B. Asymmetric equalization of the indoor wireless channel 45974
Olesberg, J.T. *see* Jang, D.-J. 42133
Oleschuk, V. Universal scheme of sliding pulse-width modulation of signals for voltage-fed AC drives 39288
Olesen, D. *see* Wasniewski, J. *(editor)* 20380
Olesen, H. *see* Lowery, A.J. 17153
Olesen, S.P., Gregor, J., Thomason, M.G., Smith, G.T. EM-ML PET reconstruction on multiple processors with reduced communications 7999
Olesin, A. *see* Gronowski, P.E. 1444
Oleski, P.J. *see* Wandernoth, B. 6798
Olevano, V. *see* Battistoni, C. 7472
Olevano, V. *see* Battistoni, C. 58899
Oleyaie, O. *see* Lahiji, G.R. 53059
Oleynik, S.V. *see* Gimel'farb, G.L. 18780
Oliaei, O., Loumeau, P. Four-quadrant class AB CMOS current multiplier 11611
Oliaei, O., Porte, J. Compound current conveyor ($CCII^+$ and $CCII^-$) 31363
Olias, E. *see* Barrado, A. 9349
Olias, E. *see* Canalli, V.M. 51102
Olias, E. *see* Garcia, O. 1127
Olias, E. *see* Lamela, H. 46271
Olias, E. *see* Lazaro, A. 51275
Olias, E. *see* Pleite, J. 40918
Olias, J.Sanchez *see* Sanchez Olias, J.
Olikh, Ya.M., Shavlyuk, Yu.N. Acoustically stimulated suppression of 1/f noise in subblock $Cd_{0.2}Hg_{0.8}Te$ crystals 12268
Olin, U. *see* Frojdh, K. 12410
Olin, U. *see* Marcinkevicius, S. 54077
Oliner, A.A. *see* Shigesawa, H. 11743
Oliphant, T.E., Long, D.G. Development of a statistical method for eliminating improbable wind aliases in scatterometer wind retrieval 8450
Oliphant, T.E., Long, D.G. Cramer-Rao bound for wind estimation from scatterometer measurements 8453
Oliphant, T.E. *see* Johnson, P.E. 8452
Oliva, A.I. *see* Aguilar, M. 54084
Olivares, J. *see* Cabrera, J.M. 13527
Olivares, J. *see* Herreros, B. 13638
Olivares, J. *see* Rams, J. 33693
Olivares, J. *see* Rams, J. 55278
Olivares, J. *see* Townsend, P. 44840
Olivares-Pla, M., Podgorsak, E.B., Pla, C. Electron arc dose distributions as a function of beam energy 28426
Olive, J.-M. *see* Ben Hmida, F. 56495
Oliveira, A.G.de *see* de Oliveira, A.G.
Oliveira, A.J.B.De *see* De Oliveira, A.J.B.
Oliveira, A.S. *see* De Araujo, M.T. 33400
Oliveira, C., Jaime Bae Kim, Suda, T. Quality-of-service guarantee in high-speed multimedia wireless networks 6548
Oliveira, C.E.M.de *see* de Oliveira, C.E.M.
Oliveira, C.E.T. *see* Anido, M.L. 43183
Oliveira, H.J.Q., Frere, A.F., Schiabel, H., Azevedo Marques, P.M., Marques, M.A., Pereira, A.S. Evaluating the radiologic images quality by simulation of objects sharpness 37708
Oliveira, H.J.Q. *see* de Azevedo Marques, P.M. 37705
Oliveira, H.J.Q. *see* Marques, M.A. 37707
Oliveira, J. *see* Carvalho, A. 47063
Oliveira, J.C.T.De *see* De Oliveira, J.C.T.
Oliveira, J.de Ribamar Silva *see* de Ribamar Silva Oliveira, J.
Oliveira, J.D.R.S., D'Assuncao, A.G. Effect of the magnetic anisotropy on the characteristics of microstrip antennas with several layers 45390
Oliveira, J.J.S., Pinheiro, W., Faria, R.M., Ruvolo F., A., Cardoso, J.R., Nachvalger, E.E., Dirani, E.A.T., Fonseca, F.J., Castro, A.F., Andrade, A.M., Oliveira, R.B.L., Caron, L.E. The aerial bundled cables (ABC) and the characteristics of its semiconductive shield 38390
Oliveira, J.J.S. *see* Dirani, E.A.T. 38359
Oliveira, J.J.S. *see* Pinheiro, W. 38391
Oliveira, L.F., Simpson, D.M., Nadal, J. Calculation of area of stabilometric signals using principal component analysis 37610
Oliveira, L.P.De *see* De Oliveira, L.P.
Oliveira, M.De *see* De Oliveira, M.
Oliveira, M.M.de *see* de Oliveira, M.M.
Oliveira, P.C.de *see* de Oliveira, P.C.
Oliveira, R., Labetoulle, J. From intelligent agents towards management by request 35805
Oliveira, R.B.L. *see* Dirani, E.A.T. 38359
Oliveira, R.B.L. *see* Oliveira, J.J.S. 38390
Oliveira, R.B.L. *see* Pinheiro, W. 38391
Oliveira, R.C.De *see* De Oliveira, R.C.
Oliveira, S.H.M. *see* Mammana, C.I.Z. 9863
Oliveira Duarte, A.M.de *see* de Oliveira Duarte, A.M.
Oliveira e Silva, T. *see* Cunha, M.B. 59685
Oliveira Filho, O.B. *see* Levy, A.F.S. 27884
Oliveira Freire, E., Freire Bastos, T., Mendonca Xavier, J.E., Schneebeli, H.A. Performance improvement of a mobile robot navigation system through ultrasonic sensor agents 50246
Oliveira Neto, G.de *see* de Oliveira Neto, G.
Oliveira-Neto, L.deB. *see* de Moraes, R.M. 47913
Oliver, C. *see* Cook, R. 48109
Oliver, C. *see* McConnell, I. 48062
Oliver, C.J. Optimum classification of correlated SAR textures 48061
Oliver, C.J., Lombardo, P. Simultaneous mean and texture edge detection in SAR clutter 16837
Oliver, C.J., McConnell, I., Stewart, D. Optimum texture segmentation of SAR clutter 16864
Oliver, J. *see* Antos, J. 37373
Oliver, J. *see* Kagan, H. 37508
Oliver, J. *see* Shipsey, I. 59232
Oliver, J. *see* Spencer, M.B. 59274
Oliver, J.E. Scientists and rural communities taking on communications technology: an Australian case 6068
Oliver, J.J., Hand, D.J. On pruning and averaging decision trees 40012
Oliver, J.J. *see* Baxter, R.A. 25778
Oliver, M. *see* Echavarria, R. 9593
Oliver, R. The role of different architecture alternatives in the access network 16461
Oliver, S. *see* Zylbersztejn, A. 26901
Oliver, T. *see* Maggs, J. 20121
Oliver, W. *see* Allison, W.W.M. 37269
Oliver, W.C., Nelson, T. Un Meurtre a Cinet (Un homicidio en Toluca): an E-mail whodunit to develop writing competence in intermediate level language classes 16214
Oliver, W.R., Fritsch, D.S. Towards a metric for patterned injury analysis 56646
Oliveras, A. *see* Garrido, L. 56865
Oliveri, M. *see* Fierro, B. 49581
Oliveria-Neto, L.de B. *see* de B. Oliveria-Neto, L.
Oliverio, C. *see* Allred, L.G. 36393
Olivero, J.J. *see* Hartmann, G.K. 8419
Oliveti, G., Piccirillo, A., Bagnoli, P.E. Analysis of laser diode thermal properties with spatial resolution by means of the TRAIT method 44558
Olivi, P. *see* Pianaro, S.A. 53704
Olivier, C., Miled, H., Romeo, K., Lecourtier, Y. Segmentation and coding of Arabic handwritten words 5605
Olivier, C. *see* Heutte, L. 5368
Olivier, G. *see* Ba, A.O. 20131
Olivier, G. *see* El Kahel, M. 19855
Olivier, G. *see* Ngandui, E. 51141
Olivier, J. *see* Mathet, V. 10703
Olivier, R. *see* Trinh, N.G. 23247
Olivier, R. *see* Vincent, C. 9310
Olivier, R. *see* Vincent, C. 23246
Olivier-Fourcade, J. *see* Cochez, M.A. 29538
Olivieri, M. *see* Ancarani, F. 15915
Olivieri, M. *see* Ancarani, F. 52994
Olivieri, M. *see* Costa, A. 31277
Olivieri, M.M.A. *see* Levy, A.F.S. 27884
Olivieri, P. *see* Gips, J. 8167
Oliviero, G. *see* Campajola, L. 7751
Olivo, A. *see* Arfelli, F. 37666
Olivo, A. *see* Arfelli, F. 49329
Olivo, A. *see* Arfelli, F. 59555
Olivo, J.-C. Automatic detection of spots in biological images by a wavelet-based selective filtering technique 59434
Olivo, P., Dalpasso, M. Self-learning signature analysis for non-volatile memory testing 41140
Olivotto, C.D. *see* Varduca, D.F. 29134
Olk, J.G.E., Jonker, P.P. Parallel image processing using distributed arrays of buckets 46290
Olkin, J.A., Heck, L.P., Naghshineh, K. Automated placement of transducers for active noise control: performance measures 15247
Olkin, J.A., Titterton, P.J., Jr. Using semi-definite programming for multi-constrained H_2 controller design in active noise and vibration control 15326
Olko, P. *see* Bilski, P. 49833
Olko, P. *see* Budzanowski, M. 18576
Olko, P. *see* Niewiadomski, T. 18572
Ollero, S., De La Cruz, E., Alvarez, L., Garcia, C. New post-regulation and protection methods for multiple output power converters with synchronous rectification 51294
Ollero, S. *see* Cobos, J.A. 40914
Ollier, E., Labeye, P., Mottier, P. Integrated micro-opto-mechanical vibration sensor connected to optical fibres 48604
Ollier, E., Labeye, P., Revol, F. A micro-opto-mechanical switch integrated on silicon for optical fiber network 44048
Ollikainen, J., Vauhkonen, M., Kaipio, J.P., Karjalainen, P.A. Using EIT resistivity estimates in EEG inverse problems 59706
Ollikainen, O., Rebane, A., Erni, D., Wild, U.P. Femtosecond time-resolved pulse measurement and image detection in broad spectral range by two-photon-excited fluorescence 17833
Ollikainen, O. *see* Krylov, V. 33651
Ollikainen, O. *see* Zuikov, V. 4009
Ollikainenand, O. *see* Krylov, V. 24118
Ollinger, J.M., Fessler, J.A. Positron-emission tomography 28176
Ollivier, M.M. RFID–a practical solution for problems you didn't even know you had! 35900
Ollmar, S. Quantification of skin and mucosal reactions by electrical impedance 49711
Ollmar, S. *see* Nicander, I. 49712
Olm, J.M., Fossas, E., Biel, D. A sliding approach to tracking problems in DC-DC power converters 40872
Olman, V. *see* Ying Xu 15748
Olmedo, B.G. *see* Garcia, S.G. 14690
Olmedo, L. *see* Hourouebie, P. 32720
Olmi, A. *see* Poggi, G. 18118
Olmi, R., Bini, M., Ignesti, A., Feroldi, P., Spiazzi, L., Bodini, G. Hyperaemia evaluation in clinical diathermy by four-electrode impedance measurements 37831
Olmo, G. *see* Laterza, F. 49578
Olmo, M. *see* Pagani, M. 41833
Olmos, J. Control rod drop simulation in the SONGS 2/3 training simulator 9050
Olmos, M. *see* Velazco, R. 21853

Olmos, S., Millan, M., Garcia, J., Laguna, P. ECG data compression with the Karhunen-Loeve transform 37814
Olmos, S. *see* Garcia, J. 37813
Olmstead, T., Sunderlin, T.A., Wasilousky, P.A. Preliminary characterization of a hybrid optical-digital ISAR processor 27002
Olmstead, T. *see* Wasilousky, P.A. 6956
Olmstead, W.E., Brodwin, M.E. A model for thermocouple sensitivity during microwave heating 36951
Olnes, J. *see* Berge, N.H. 16334
Olnes, J. *see* Maillot, D. 26038
Olney, A. A combined socketed and non-socketed CDM test approach for eliminating real-world CDM failures 20818
Olney, R.D. *see* Schumacher, R.W. 58736
Olofsson, L. *see* Jacobsen, C. 26685
Oloomi, H.M., Pomalaza-Raez, C. Two time scale discrete Kalman filter design for an F-8 aircraft 56457
O'Loughlin, C. *see* Rizkalla, M.E. 9852
O'Loughlin, C.L. *see* Rizkalla, M.E. 20811
O'Loughlin, J.P., Calico, S.E., Loree, D.L. Optimization of adiabatic inverter transformers 60868
Olozabal, A.Q. *see* Gomez Vela, D. 1204
Olozabal, A.Quiros *see* Quiros Olozabal, A.
Olschner, F. *see* Shah, K.S. 37339
Olschner, F. *see* Shah, K.S. 59360
Olsen, A. *see* Hovin, M. 21768
Olsen, B.T., Ims, L.A., Myhre, D., Stordahl, K., Ramassh, T. Technoeconomic evaluation of optical broadband access network scenarios for the mixed residential and business market 16442
Olsen, B.T. *see* Ferrero, U. 26394
Olsen, B.T. *see* Ims, L.A. 26380
Olsen, B.T. *see* Ims, L.A. 35836
Olsen, D.B. *see* Hee Chan Kim 18534
Olsen, D.H. *see* Haavengen, B. 113
Olsen, D.K., Auble, R.L., Alton, G.D., Bailey, J.D., Dinehart, M.R., Dukes, C.L., Dowling, D.T., Haynes, D.L., Jones, C.M., Lane, S.N., LeCroy, C.T., Juras, R.C., Meigs, M.J., Mills, G.D., Mosko, S.W., Mueller, P.E., Murray, S.N., Tatum, B.A., Welton, R.F., Wollnik, H. Progress, status, and plans for the HRIBF project 49153
Olsen, F. *see* Renard, B. 47267
Olsen, G. *see* Shi, Y. 32002
Olsen, G. *see* Yan Shi 17353
Olsen, G.H. *see* Garbuzov, D. 12350
Olsen, G.H. *see* Lange, M.J. 17465
Olsen, G.H. *see* Yu, S. 55471
Olsen, J.A. *see* Benjaminsen, J.T. 19339
Olsen, J.S. *see* Hansen, O.P. 22306
Olsen, L.C., Aguilar, H., Addis, F.W., Wenhua Lei, Jun Li CIS solar cells with ZnO buffer layers 39118
Olsen, L.C., Xiaojun Deng, Wenhua Lei, Addis, F.W., Jun Li GaAs solar cells grown on GaP 38979
Olsen, L.C. *see* Yater, J.A. 38980
Olsen, N. *see* Risbo, T. 59889
Olsen, P.T. *see* Gillespie, A. 27362
Olsen, P.T. *see* Steiner, R. 17814
Olsen, R. *see* McGregor, D.S. 37313
Olsen, R. *see* Winn, R. 1839
Olsen, R.G. *see* Pedrow, P.D. 8896
Olsen, R.G. *see* Spencer, D.B. 32640
Olsen, R.G. *see* Tanyer, S.G. 45113
Olsen, R.W., James, R.B., Cofield, C., Miller, B., Mickelsen, B. Special nuclear materials monitoring. An application of $Cd_xZn_{1-x}Te$ detectors 37563
Olsen, R.W. *see* Lund, J.C. 37557
Olsen, R.W. *see* McGregor, D.S. 37273
Olsen, R.W. *see* McGregor, D.S. 37323
Olsen, R.W. *see* McGregor, D.S. 37340
Olsen, R.W. *see* Schieber, M. 7805
Olsen, R.W. *see* Van Scyoc, J.M. 7837
Olsen, T. *see* Berger, M. 58369
Olsen, T. *see* Swartwout, M. 18610
Olshansky, R. *see* Krinsky, D.M. 6365
Olshen, R.A. *see* Gray, R.M. 8038
Olshen, R.A. *see* Perlmutter, K.O. 25412
Olsher, R.H., Eisen, Y. A filter technique for optimising the photon energy response of a silicon PIN diode dosemeter 18568
Olson, A.M. *see* Swallom, D.W. 20053
Olson, B., Balram, N. Video quality on AMLCD versus shadow-mask CRT 17623
Olson, B. *see* Marsden, G.C. 13751
Olson, C. *see* Griffin, P.R. 3601
Olson, C.F., Huttenlocher, D.P. Automatic target recognition by matching oriented edge pixels 25633
Olson, C.H. *see* Jassani, R.M. 11508
Olson, C.L., Hanson, D.L., Poukey, J.W., Welch, D.R. Microcharge neutralization transport experiments and simulations for ion-driven inertial confinement fusion 59161
Olson, C.L. *see* Welch, D.R. 59160
Olson, D.F., Landesman, B.T. Maximum likelihood estimation technique for the registration of coherent speckle images in the presence of noise 25264
Olson, D.J. *see* Yongqiang Shi 23581
Olson, D.J. *see* Yongqiang Shi 44070
Olson, D.L. *see* Betts, W. 59222
Olson, D.L. *see* Lindahl, K.A. 39107
Olson, E. *see* Riley, A.L. 58260
Olson, E. *see* Riley, L. 58257
Olson, E.M., Coker, C.F. Real-time range generation for LADAR hardware-in-the-loop testing 28513
Olson, E.M. *see* Garbo, D.L. 28512
Olson, E.M. *see* Jones, L.E. 28507
Olson, E.S. *see* Timpe, R.C. 60472
Olson, G.H. *see* Kozlowski, L.J. 17503
Olson, G.L. Establishing a remote monitoring system to enhance power system reliability 50669
Olson, G.L. Critical data for sizing gen-sets 60562
Olson, G.L. *see* Demot, R. 50804
Olson, G.M. *see* Olson, J.S. 47250
Olson, H., Kerek, D., Oelmann, B., Tenhunen, H. Differential PSK detector ASIC design for direct sequence spread spectrum radio 16617
Olson, H.M. *see* Decker, D.R. 31512
Olson, J. *see* Reass, W. 51257
Olson, J.B. Characteristics of an advanced lead-acid spiral wound deep cycle battery 19971
Olson, J.B., Sexton, E.D. A high power spiral wound lead-acid battery for hybrid electric vehicles 61260
Olson, J.M., Friedman, D.J. High efficiency III-V solar cells 61080
Olson, J.M. *see* Ahrenkiel, R.K. 31814
Olson, J.M. *see* Chiang, P.K. 37980
Olson, J.M. *see* Friedman, D.J. 38982
Olson, J.M. *see* Kurtz, S.R. 38974
Olson, J.M. *see* Yeh, Y.C.M. 37982
Olson, J.S., Olson, G.M., Meader, D.K. What mix of video and audio is useful for small groups doing remote real-time design work? 47250
Olson, K., McCulloch, L., Liu, J. Production worthy 0.25 μm polycide gate etch system 32226
Olson, L.G. *see* Hoppner, J.M. 49443
Olson, L.G. *see* Hrabik, T.J. 49692
Olson, L.G. *see* Schelert, J. 49611
Olson, L.G. *see* Throne, R.D. 59688
Olson, M. *see* Liu, R.-Y. 28695
Olson, R. Quality techniques for optimizing Parylene conformal coating 39913
Olson, R.F., Jr. Signal generation techniques for MMW seeker HWIL simulation 28522
Olson, T. *see* Rogers, G.W. 18211
Olson, T. *see* Sanchez, H. 41233
Olson, T.E. *see* Healy, D.M., Jr. 25764
Olson, T.J. *see* Flinchbaugh, B.E. 58577
Olson, W.H. *see* Brown, M.L. 37768
Olson, W.H. *see* Gillberg, J.M. 28385
Olsson, B.-E., Andrekson, P.A. Pulse extraction and kW peak-power generation with the nonlinear optical loop mirror in an erbium-doped fiber amplifier chain 23811
Olsson, E., Ugnell, H., Oberg, P.A., Sedin, G. Photoplethysmography for simultaneous recording of heart and respiratory rates in newborn infants 37635
Olsson, E. *see* Songsiriritthigul, P. 52643
Olsson, E. *see* Wang, S.M. 52729
Olsson, E. *see* Wang, S.M. 54690
Olsson, G. *see* Johlander, B. 28558
Olsson, J., Edholm, B., Soderbarg, A., McGinnis, S., Yehoda, J. Electrical characterisation of silicon pn-junctions terminated with diamond 12364
Olsson, K.-E. *see* Oberg, A. 11793
Olsson, K.-E. *see* Oberg, A. 11795
Olsson, K.A. *see* Sandstrom, G. 28248
Olsson, L. *see* Benjaminsen, J.T. 19339
Olsson, P. *see* Gottlieb, D. 627
Olsson, P. *see* Gustafsson, B. 10545
Olstad, B. *see* Thune, M. 57194
Olszak, A. *see* Patorski, K. 33753
Olszewski, C.J. *see* Busche, M.T. 57684
Olszewski, J. *see* Zbroszczyk, J. 23308
Olszewski, J. *see* Zbroszczyk, J. 23309
Olszewski, J. *see* Zbroszczyk, J. 23332
Olszewski, M. *see* Hsu, J.S. 29339
Olszewski, R. *see* Lange, A. 49560
Olthuis, W., Bergveld, P. Operational modes of the ISFET-based coulometric sensor-actuator system 27515
Olthuis, W. *see* Luo, J. 17557
Olthuis, W. *see* Pedersen, M. 13162
Olukotun, K., Nayfeh, B.A., Hammond, L., Wilson, K., Chang, K. The case for a single-chip multiprocessor 1436
Olver, A.D. *see* Rayner, M. 14736
Olver, A.D. *see* Rayner, M. 45474
Olver, P. *see* Yezzi, A., Jr. 49547
Olvera, M.de la L. *see* de la L. Olvera, M.
Olwi, I.A. Mathematical modeling and experimental measurements of the pressure distribution over a spindle-shaped body 18604
Olyniec, L. Design of a digital voice encoder circuit 4489
Olyslager, F. Properties of and generalized full-wave transmission line models for hybrid (Bi)(an)isotropic waveguides 14676
Olyslager, F. Quasi-TEM analysis of multiconductor transmission lines embedded in lossy bianisotropic media 45260
Olyslager, F., Jakoby, B. Time-harmonic two- and three-dimensional Green dyadics for a special class of gyrotropic bianisotropic media 14546
Olyslager, F. *see* Laermans, E. 34125
Olyslager, F. *see* Rogier, H. 24549
Olyslager, F. *see* Sihvola, A. 13208
Olyun Kim *see* Seo-Kyu Lee 54665
Om Kyong-Sik *see* Kyong-Sik Om
Omahen, P., Prepeluh, F. Analysis of the bulb-unit hydro power plant stability and its protection scheme arrangement 19604
O'Mahony, M.J. Physical limitations in optical cross-connect networks 26888
O'Mahony, M.J. *see* Kallimani, K. 23821
O'Mahony, M.J. *see* Robinson, A. 26806
O'Mahony, M.J. *see* Wuttisittikulkij, L. 6841
O'Mahony, M.J. *see* Wuttisittikulkij, L. 26762
Omaki, K. *see* Kawai, K. 17001
O'Malley, K. *see* Williams, W. 33909
O'Malley, M.W. *see* Loubriel, G.M. 48125
O'Malley, M.W. *see* Zutavern, F.J. 49073
Oman, C.M., Huntley, M.S., Jr., Rasmussen, S.A.M. Analog track angle error displays improve simulated GPS approach performance 59934
Oman, D. *see* Ferekides, C.S. 39055
Oman, D.M., Karthikeyan, S., Ferekides, C.S., Morel, D.L. Junction mechanisms in CdS/CdTe solar cells 39109
Oman, H. Batteries vs. alternatives for storing energy 29102
Oman, H. Battery developments–lead to lithium 39306
Oman, H., Simpson-Clark, R. Permanent magnets for vehicle-propulsion motors: cost/availability 20189
Omar, A.S. *see* Rieckmann, C. 24529
Omar, A.S. *see* Zhuck, N.P. 31030
Omar, A.S. *see* Zhuck, N.P. 33988
Omar, A.S. *see* Zhuck, N.P. 34005
Omar, M.F. *see* Medhat, M. 3358
Omar, M.F. *see* Medhat, M. 43974
Omar Wing *see* Qing-Xin Chu 14660
Omari, H.El *see* El Omari, H.
Omata, K. *see* Ota, H. 38293
Omatsu, T., Kuroda, K. Beam quality issues for the second harmonic generation of copper vapour radiation 3950
Omatsu, T. *see* Mugino, A. 8523
Omatu, S., Shinohara, K., Iwasa, K. Furnace temperature control by self-tuning control theory 20235
Omatu, S. *see* Yoshioka, M. 15744
Ombres, D. C and C++ extensions simplify fixed-point DSP programming 31282
O'Meara, D.J. *see* White, L.W. 21130
O'Meara, K. Proximity losses in AC magnetic devices 31551
O'Meara, T.R. *see* Dunning, G.J. 21398
O'Meara, T.R. *see* Pepper, D.M. 20963
O'Meara, T.R. *see* Pepper, D.M. 21396
Omedi, T.J., Barlik, R. Three-phase AC-DC unidirectional PWM multiple-switch rectifier topologies–selected properties and critical evaluation 9407
Omedi, T.J., Barlik, R., Grochal, P. Selected properties and simulation of three-phase AC-DC unidirectional PWM single-switch rectifier topologies 9408
Omeich, M. *see* Garvey, T. 49193
Omekanda, A.M., Broche, C., Renglet, M. Calculation of the electromagnetic parameters of a switched reluctance motor using an improved FEM-BIEM. Application to different models for the torque calculation 29272
Omelaev, A.I. *see* Dorofeeva, M.V. 17482
Omelyanchouk, A.N. *see* Vleeming, B.J. 3287
Omenetto, F.G. *see* Mehendale, M. 44421
Omer, A., Flint, A. Testability and signal integrity in a low cost multichip module 22105
Ometto, A. *see* Filippetti, F. 19740
Ometto, A. *see* Gentile, G. 19767
Omi, T., Horibata, K., Sato, F., Takeuchi, M. Capacitive pressure sensor with center clamped diaphragm 48427
Omi, T. *see* Izaki, M. 40510
Omid, M., Chiba, M., Hayakawa, M. Evaluation of microstrip Green function 45355
Omidi, M.Javad *see* Javad Omidi, M.
Omidvar, O.M. *see* Wilson, C.L. 57519
Ominato, T. *see* Ota, K. 11862
Omitowoju, O. *see* Bodruzzaman, M. 59398
Omiya, M. *see* Ohno, N. 14725
Omiya, T., Sobue, K., Onishi, K. Strategies of signaling network interconnection: towards the realization of a more flexible connection form 35562
Omiya, T. *see* Sugiyama, T. 6291
Omiya, T. *see* Yamada, M. 26302
Omlin, A. *see* Stemmler, H. 19671
Omling, P. *see* Carlsson, N. 40336
Omling, P. *see* Qinghong Du 54153
Omling, P. *see* Ramvall, P. 22374
Ommen, J. *see* Hadizad, P. 60863
Ommen, J.G.van *see* van Ommen, J.G.
Ommerman, M. *see* Breternitz, M. 1463
Ommodt, K., Sanzgiri, S., German, F., Jones, F. Vertical interconnects for phased array packaging 34436
Omnes, F., Guillaume, J.-C., Nataf, G., Jager-Waldau, D., Vennegues, P., Gibart, P. Substrate free GaAs photovoltaic cells on Pd-coated silicon with a 20% AM1.5 efficiency 9538
Omohundro, S.M. Family discovery 56386
Omojola, M.F. *see* McParland, B.J. 7974
Omologo, M., Svaizer, P. Acoustic source location in noisy and reverberant environment using CSP analysis 15243
Omologo, M., Svaizer, P. Use of the crosspower-spectrum phase in acoustic event location 45962

Omori, H., Nakaoka, M. Generic circuit topologies and their performance evaluations of single-ended resonant high-frequency inverters for induction-heated cooking appliances 61349
Omori, H. *see* Imai, T. 51879
Omori, H. *see* Izaki, K. 51881
Omori, T. Theory of symbol and pattern integration by associative memory with attention 24963
Omori, T., Sarai, O., Kuno, T., Nishi, K., Iitsuka, J., Kimura, H. Color TFT-LCD driver LSIs 48795
Omoto, A., Elliott, S.J. The effect of structured uncertainty in multichannel feedforward control systems 15246
Omoto, O. *see* Yamaguchi, M. 2921
Omoto, S.O. *see* Sato, T. 19544
Omoya, T. *see* Tanaka, K. 33052
Omri, M., Bonafos, C., Claverie, A., Nejim, A., Cristiano, F., Alquier, D., Martinez, A., Cowern, N.E.B. Is there an effect of the proximity of a "free-surface" on the formation of end-of-range defects? 31745
O'Mullane, J.J., O'Regan, P.G., Doherty, J.G. Power system studies using PANIC 19069
Omura, A. *see* Ishida, Y. 30266
Omura, E. *see* Ishimura, E. 26840
Omura, E. *see* Ishiyama, T. 54619
Omura, K. *see* Nishio, T. 39108
Omura, K. *see* Shiwa, S. 17611
Omura, Y. Negative conductance properties in extremely thin silicon-on-insulator (SOI) insulated-gate pn-junction devices (SOI surface tunnel transistors) 32462
Omura, Y. Features of ultimately miniaturized MOSFETs/SOI: a new stage in device physics and design concepts 43089
Omura, Y., Ishiyama, T., Shoji, M., Izumi, K. Quantum mechanical transport characteristics in ultimately miniaturized MOSFETs/SIMOX 42983
Omura, Y., Kurihara, K., Takahashi, Y., Ishiyama, T., Nakajima, Y., Izumi, K. 50-nm channel nMOSFET/SIMOX with an ultrathin 2- or 6-nm thick silicon layer and their significant features of operations 54645
Omura, Y. *see* Nakajima, Y. 12994
Omura, Y. *see* Shoji, M. 42313
On, H. *see* Brooks, D.H. 59725
On Laicheng *see* Xu Daxin 59838
On-Yang Mang *see* Mang On-Yang
Onabe, K. *see* Pan, W. 44556
Onabe, K. *see* Yaguchi, H. 40455
Onada, T. *see* Kanada, T. 35736
Onado, C. *see* Baschirotto, A. 32565
Onae, A., Okumura, K., Yoda, J., Nakagawa, K. Saturation spectroscopy of acetylene molecule towards frequency standard at 1550 nm region 27820
Onai, M. *see* Terada, H. 7606
Onai, T. *see* Kiyota, Y. 22768
Onai, T. *see* Kondo, M. 41465
Onai, T. *see* Ohue, E. 1725
Onaka, H. *see* Kinoshita, S. 44390
Onaka, H. *see* Miyata, H. 16724
Onaka, T. *see* Tanabe, T. 27667
Onal, O.B. *see* Petropulu, A.P. 34893
Onaral, B. *see* Sisli, G. 37834
Onat, B. *see* Ozbay, E. 58754
Onat, B.M., Unlu, M.S. Polarization sensing with resonant cavity enhanced photodetectors 7344
Onda, H. Line width control on laser beam writing 54411
Onda, K. *see* Tobise, M. 61366
Onda, K. *see* Wakejima, A. 31942
Onda, M., Hayashi, K., Misawa, M., Ford, M.L. Traffic management at large-scale disasters and disaster prevention by a new type of airship 58233
Ondrejka, A.R. *see* DeLyser, R.R. 4294
Ondris, L., Mankovicky, S., Rusina, V., Michalcak, O. Hydrolevelling and pendametric devices for precise vertical shift and tilt measurement of nuclear reactors 60500
Ondris, L., Rusina, V. A new method for measurement of liquid dilatation parameters 59082
O'Neal, J.K. *see* Berry, R.P. 12041
O'Neil, M. *see* Charmot, H. 49026
O'Neil, P.A., Violette, K.E., Ozturk, M.C., Batchelor, D., Maher, D.M. Low temperature selective Si epitaxy using Si_2H_6 and Cl_2: Investigations into selectivity robustness and epitaxial film quality 21295
O'Neil, P.A. *see* Sun, J. 22979
O'Neil, P.A. *see* Violette, K.E. 802
O'Neill, A.G., Antoniadis, D.A. Investigation of Si/SiGe-based FET geometries for high frequency performance by computer simulation 21906
O'Neill, A.G. *see* Ghiti, A. 42653
O'Neill, A.G. *see* Shih, W.C. 42778
O'Neill, A.G. *see* Shih, W.C. 42781
O'Neill, A.G. *see* Wright, N.G. 2705
O'Neill, A.G. *see* Wright, N.G. 40896
O'Neill, J.C., Hero, A.O., III, Williams, W.J. Word spotting via spatial point processes 57230
O'Neill, J.C., Williams, W.J. Aliasing in the AF-GDTFD and the discrete spectrogram 24946
O'Neill, J.C., Williams, W.J. New properties for discrete, bilinear time-frequency distributions 45777
O'Neill, J.C. *see* Tzu-Hsien Sang 34923
O'Neill, M. *see* Avery, J. 37988
O'Neill, M. *see* Maish, A.B. 38651
O'Neill, M. *see* Ozanyan, K.B. 23884
O'Neill, M. *see* Ozanyan, K.B. 33557
O'Neill, M.J. Line-focus optics for multijunction cells in space power arrays 38016
O'Neill, M.J., McDanal, A.J. The 25 kilowatt Solar-Row: a building block for utility-scale concentrator systems 51594
O'Neill, M.J. *see* Kurtz, S.R. 39083
O'Neill, N.T., Royer, A., Xu, Q.F., Teillet, P.M. Retrieval of atmospheric optical parameters from airborne flux measurements: application to the atmospheric correction of imagery 35225
O'Neill, P. *see* Watson, R. 56821
O'Neill, R.C. *see* Callis, R.W. 22178
O'Neill, R.J. *see* Tung, L. 59728
O'Neill, T.J. *see* Tumer, T.O. 59361
Onel, Y. *see* Akchurin, N. 37257
Onfroy, G., Saida, M. Development of new electrodeposited copper foil 11899
Ong, C.K. *see* Gong, H. 2973
Ong, C.K. *see* Gong, H. 54881
Ong, C.K. *see* Low, B.I. 30938
Ong, C.K. *see* Song, Z.G. 54980
Ong, C.W. *see* Jelenkovic, E.V. 32430
Ong, D. *see* Tou, T. 3687
Ong, D.S., Tou, T.Y., Low, K.S. Kinetics modelling of a self-sustained discharge KrF laser 3679
Ong, E.K., Fok, S.C., Tang, S.G. Design and control of an automatic loader and retrieval system 9283
Ong, E.P., Spann, M. Robust multiresolution computation of optical flow 25372
Ong, E.T. *see* Erickson, D.S. 20022
Ong, J.T. *see* Hao, Q. 47718
Ong, K. *see* Bhullar, H.K. 37820
Ong, K. *see* Chia, P. 49621
Ong, L.C., Constantinou, C.C. Evaluation of multiple diffraction integrals: computational speed and accuracy considerations 45137
Ong, L.Y. Broadband network signaling directions 16007
Ong, M.E.G. Hierarchical basis preconditioners in three dimensions 40279
Ong, S.H. *see* Bi, M. 15478
Ong, T. *see* Fiordalice, R. 2434
Ong Jin-Teong *see* Jin-Teong Ong
Ong Sohwan *see* Sohwan Ong
Ong Soohwan *see* Soohwan Ong
Ong Sung-Hwan *see* Sung-Hwan Ong
Ongaretto, C. *see* Morhain, C. 22358
Onge, K.D.St. *see* St. Onge, K.D.
Onge, R.J.St. *see* St. Onge, R.J.
O'Nils, M. *see* Tammemae, K. 11424
Onischenko, A., Sarma, J. Features of spontaneous emission in large diameter VCSELs 33548
Onischenko, Y. *see* Dovgalenko, G. 14420
Onischenko, Y. *see* Dovgalenko, G. 36924
Onishchenko, A.M. Choice of pairs of random signals 17141
Onishchenko, A.M. Increasing the reliability of pattern control and recognition. 3. Selection of informative signals and algorithms for their processing 56841
Onishchenko, A.M., Onishchenko, Yu.A. Increasing the reliability of control and recognition of patterns. 2. Systematization of patterns by standard definitions of normal two-dimensional sets 46280
Onishchenko, A.M., Onishchenko, Yu.A. Increasing confidence in measurements and control 48279
Onishchenko, I.N. *see* Fainberg, Ya.B. 22153
Onishchenko, I.N. *see* Markov, P.I. 12116
Onishchenko, Yu.A. *see* Onishchenko, A.M. 46280
Onishchenko, Yu.A. *see* Onishchenko, A.M. 48279
Onishchukov, G. *see* Shipulin, A. 47961
Onishi, A. *see* Satoh, T. 51875
Onishi, H. *see* Reiser, M. 59138
Onishi, K. *see* Omiya, T. 35562
Onishi, M., Kashiwada, T., Koyano, Y., Ishiguro, Y., Nishimura, M., Kanamori, H. Third-order dispersion compensating fibres for non-zero dispersion shifted fibre links 16692
Onishi, M. *see* Kakui, M. 47982
Onishi, M. *see* Nakazato, K. 14017
Onishi, M. *see* Nakazato, K. 26819
Onishi, N. *see* Yanagisawa, J. 30891
Onishi, S., Maruyama, K., Kodama, H. "Air Resort" duct-type central air-conditioning system for residential use 20238
Onishi, S., Nagata, M., Mitarai, S., Ito, Y., Kudo, J., Sakiyama, K., Desu, S.B., Bhatt, H.D., Vijay, D.P., Hwang, Y. A new high temperature electrode-barrier technology on high density ferroelectric capacitor structure 43589
Onishi, S. *see* Hara, T. 12759
Onishi, T. *see* Yan, L. 10129
Onishi, Y. *see* Kojima, Y. 38010
Onitsuka, T. *see* Ninomiya, H. 59634
Onizuka, Y. *see* Kliauga, P. 8001
Onken, R. *see* Gerlach, M. 59879
Onnagawa, H. *see* Watanabe, M. 44100
Onnasch, D.G.W. *see* Ploger, A. 37934
Onnasch, D.G.W. *see* Ploger, A. 49478
Onne, P. *see* Jain, N. 41520
Onno, P. *see* Jain, N. 41500
Ono, A., Sakai, I. Suppression of V_{th} fluctuation by minimizing transient enhanced diffusion for deep sub-quarter micron MOSFET 43066
Ono, A. *see* Fujimoto, C. 36749
Ono, E. *see* Kato, T. 57999
Ono, F., Asano, K., Morikawa, J., Emori, F. 50 W low-distortion GaAs MESFET for digital cellular base stations 58160
Ono, F., Emori, F., Asano, K., Morikawa, J., Kanamori, M., Hirayama, H. A 50 W low distortion GaAs MESFET for digital cellular base stations 31502
Ono, H. Marketing multimedia services – lessons from microeconomics and consumer behaviour 47322
Ono, H., Ikarashi, T., Kimura, S., Tanikawa, A., Terashima, K. Control of oxygen precipitates distribution in large diameter silicon wafers after thermal annealing 22514
Ono, H., Kawatsuki, N. Self-phase modulation induced by a He-Ne laser in host-guest liquid crystals with different nematic-isotropic transition temperatures 55839
Ono, H., Yamada, M., Ohishi, Y. Gain-flattened Er^{3+}-doped fiber amplifier for a WDM signal in the 1.57-1.60-μm wavelength region 55533
Ono, H. *see* Arai, T. 13407
Ono, H. *see* Hinata, T. 4224
Ono, H. *see* Nozaki, S. 10972
Ono, H. *see* Nozaki, S. 41871
Ono, H. *see* Yamada, M. 55524
Ono, I. *see* Kamiya, A. 50484
Ono, K., Hosaka, H., Daming Wei, Bin He Effect of interelectrode distance on derivation of body surface Laplacian maps from potentials: a model study 59675
Ono, K., Matsuura, T., Imaizumi, E., Okazawa, H., Shimokawa, R. Error suppressing encode logic of FCDL in 6-bit flash A/D converter 21765
Ono, K., Shimada, H., Kobayashi, S.-I., Ootuka, Y. Magnetoresistance of Ni/NiO/Co small tunnel junctions in Coulomb blockade regime 12598
Ono, K. *see* Ihara, K. 48226
Ono, K. *see* Kawahara, T. 837
Ono, K. *see* Kawahara, T. 53301
Ono, K. *see* Kazawa, H. 42344
Ono, K. *see* Mikami, N. 21990
Ono, K. *see* Shima, A. 44499
Ono, K. *see* Tuda, M. 2336
Ono, K. *see* Tuda, M. 2370
Ono, K. *see* Tuda, M. 42505
Ono, K. *see* Tuda, M. 54443
Ono, K. *see* Wu, D. 49693
Ono, M. Development of a personal computer based SAR processor and its application to JERS-1 SAR interferometry 16918
Ono, M. Phase unwrapping of SAR interferogram through interactive terrain modeling 48112
Ono, M., Kaizu, S., Ohmura, M., Kabasawa, M. Laser welding of steel sheets for automobiles 184
Ono, M., Wakatsuki, N., Takahashi, Y. $LiTaO_3$ crystal fork vibratory gyroscope 28549
Ono, M. *see* Koide, T. 40795
Ono, M. *see* Kurobe, H. 20162
Ono, M. *see* Mukasa, K. 33245
Ono, M. *see* Ohgaro, T. 2802
Ono, M. *see* Stutman, D. 36666
Ono, M. *see* Suematsu, N. 21961
Ono, M. *see* Ueno, A. 37029
Ono, M. *see* Yoshitomi, T. 2795
Ono, N., Kataoka, T., Rahmani, A.T. Evolutionary organization of cooperative strategies in learning classifier system organisms 15865
Ono, N., Takagi, E., Mori, M., Ishida, K., Kayano, H., Yoshihara, K., Konno, M. Miniaturized power amplifier module using LGA structure 16606
Ono, N., Trapaga, G. A numerical study of the effects of electromagnetic stirring on the distributions of temperature and oxygen concentration in silicon double-crucible Czochralski processing 40297
Ono, R.H. *see* Li, H.Q. 3281
Ono, S., Maeda, M., Osaka, T., Koiwa, I., Kanehara, T., Mita, J., Hashimoto, A., Sawada, Y. Effect of prebaking temperature on structure and ferroelectric properties of PZT thin films prepared by sol-gel method 52746
Ono, S. *see* Koiwa, I. 2913
Ono, S. *see* Moriyama, H. 36804
Ono, S. *see* Nomura, M. 5548
Ono, S. *see* Shibata, Y. 44325
Ono, S. *see* Tsuboi, T. 49380
Ono, S.-I. *see* Seguchi, T. 58089
Ono, T. Two-phase controlled switched-capacitor inductance simulation circuits using one second-generation current conveyor (CC II) 31074
Ono, T., Araki, Y., Kobori, Y., Imamura, H. CAI systems on electric and electronic circuit 9900
Ono, T., Saitoh, H., Esashi, M. Si nanowire growth with ultrahigh vacuum scanning tunneling microscopy 40445
Ono, T. *see* Hayakawa, Y. 16394
Ono, T. *see* Kimura, R. 14110
Ono, T. *see* Kitahara, F. 57855
Ono, T. *see* Kurita, T. 30195
Ono, T. *see* Nakamoto, M. 41782
Ono, T. *see* Nakamura, H. 23719
Ono, T. *see* Niitsu, Y. 1011
Ono, T. *see* Shishikura, M. 55429
Ono, T. *see* Tanabe, T. 27667
Ono, T. *see* Tomizawa, M. 26789
Ono, Y., Kasahara, M. Two new classes of compound-error correcting codes and their performance 56353
Ono, Y. *see* Katayama, R. 43908

Ono-Tesfaye, T. *see* Gburzynski, P. 46621
Onoda, H., Narita, T., Touchi, K., Hashimoto, K. Effects of insulator surface roughness on Al-alloy film properties and electromigration performance in Al-alloy/Ti insulator layered interconnects 54523
Onoda, H. *see* Abe, K. 32248
Onoda, H. *see* Sakamoto, O. 1361
Onoda, M., Matsuda, T., Nakayama, H. Preparation of polypyrrole-silica glass composite films using sol-gel process and its electrochemical properties 36478
Onoda, M., Tada, K., Kawai, T., Zakhidov, A.A., Yoshino, K. Photoirradiation effects of C_{60}-poly-isothianaphthene heterojunction devices 55390
Onoda, M. *see* Kamatani, H. 23154
Onoda, M. *see* Kaneko, M. 32493
Onoda, M. *see* Sanubari, J. 25146
Onoda, M. *see* Tada, K. 55388
Onoda, T. *see* Miki, M. 61345
Onodea, H. *see* Okada, K. 13067
Onodera, A., Tamaki, N., Kawamura, Y., Sawada, T., Yamashita, H. Dielectric activity and ferroelectricity in piezoelectric semiconductor Li-doped ZnO 2941
Onodera, A. *see* Tamaki, N. 23182
Onodera, H. *see* Hirata, A. 11295
Onodera, H. *see* Kobayashi, K. 41261
Onodera, H. *see* Kondo, M. 32416
Onodera, H. *see* Kondo, M. 41265
Onodera, H. *see* Kondo, M. 41275
Onodera, H. *see* Kosaka, M. 27841
Onodera, K. Effective techniques of FMEA at each life-cycle stage 52342
Onodera, K., Hirano, M., Tokumitsu, M., Toyoda, I., Nishikawa, K., Tokumitsu, T. Folded U-shaped microwire technology for ultra-compact three-dimensional MMICs 21957
Onodera, K. *see* Hashiba, S. 20836
Onodera, K. *see* Hirano, M. 31521
Onodera, K. *see* Kimura, S. 21951
Onodera, R., Ishii, Y. Fourier description of the phase-measuring process in two-wavelength phase-shifting interferometry 59042
Onodera, S., Kondo, H., Kawana, T. Materials for magnetic-tape media 13445
Onodera, T. *see* Hayashi, Y. 2443
Onodera, T. *see* Hoashi, T. 14701
Onodera, T. *see* Kamada, A. 12105
Onodera, Y. *see* Itagaki, H. 49461
Onogi, K. *see* Hashizume, S. 21069
Onogi, K. *see* Matsutani, Y. 10300
Onoguchi, K. *see* Takeda, N. 35313
Onoguchi, K. *see* Watanabe, M. 5124
Onokhov, A.P. *see* Ivanova, N.L. 3487
Onomura, M. *see* Itaya, K. 3872
Onopko, D.E. *see* Begraev, N.T. 12629
Onorati, P. *see* Babiloni, F. 59640
Onorati, P. *see* Babiloni, F. 59707
Onori, S., D'Errico, F., De Angelis, C., Egger, E., Fattibene, P., Janovsky, I. Proton response of alanine based pellets and films 28476
Onori, S. *see* Coninckx, F. 28477
Onoyama, A. *see* Kotera, H. 43639
Onoyama, K. *see* Kobayashi, M. 32830
Onoye, T., Fujita, G., Shirakawa, I., Matsumura, K., Ariyoshi, H., Tsukiyama, S. Architecture for MPEG2 MP@HL real time motion estimator 1479
Onoye, T. *see* Miyanohana, K. 56809
Onoye, T. *see* Miyanohana, K. 57211
Onoye, T. *see* Yoshida, Y. 53306
Onozato, Y. *see* Ohta, C. 5772
Onozawa, A. *see* Saito, K. 16277
Onozawa, M., Katamine, A. Development of an ultrasonic testing system for detection of near-surface fatigue cracks in welded structures 52913
Onozawa, T., Ishikura, T., Yoshimura, Y., Nakazawa, M., Sakai, H., Makino, S., Goto, T. Test of radioactivity distribution measurement techniques on the surface of buildings 19494
Onstott, R. *see* Meadows, G. 18883
Onstott, R.G. *see* Daida, J.M. 8484
Onuchin, A. *see* Arisaka, K. 37239
Onuchin, A. *see* Arisaka, K. 37460
Onuchin, A. *see* Buzykaev, A. 37237
Onuchin, A. *see* Buzykaev, A. 37240
Onuchin, A.P. *see* Aulchenko, V.M. 37243
Onuchin, A.P. *see* Baru, S.E. 37227
Onuki, H., Yagi, K., Awazu, K., Yamada, T., Saito, T., Yuri, M., Inoue, Y., Ishizaka, S. Progress report on recent researches with polarizing undulator 59117
Onuki, M., Kobayashi, K., Murase, A., Hirata, S. Mobile packet data communication in a TDMA cellular system 47724
Onuki, M. *see* Saito, Y. 6601
Onuki, T., Nakatsu, T., Wakao, S., Hori, M. Magnetic field analysis of nonlinear system considering both motion and voltage equations 51764
Onuki, T., Wakao, S., Kuwahara, T., Jee-Won Im Hybrid Trefftz and finite element method applied to magnetic field analysis for rotating machines 50905
Onuki, T. *see* Kamiya, Y. 29343
Onuma, C. *see* Takatoo, M. 5620
Onuma, J. *see* Komatsu, T. 23434
Onuma, T. *see* Ota, K. 11862
Onuma, Y. *see* Nakao, M. 17574
Onuma, Y. *see* Zhan He Wang 12291
Onural, L. *see* Aydin Alatan, A. 57456
Onural, L. *see* Gurelli, M.I. 15850
Onural, L. *see* Kutay, A. 56560
Onvural, R. *see* Peyravian, M. 35526
Onyango, C.M., Marchant, J.A. Modelling grey level surfaces using three-dimensional point distribution models 5479
Onyango, C.M. *see* Tillett, R.D. 56904
Onyango, F.N. *see* Otieno, F.O. 48364
Onyiagha, G. *see* Krasniqi, X. 35859
Onyky, B.N. *see* Evtikhiev, N.N. 5457
Onyshczak, R.J. *see* Brislawn, C.M. 35251
Ooae, Y. *see* Yasuda, H. 22675
Ooba, N. *see* Hida, Y. 44035
Oodo, M., Ando, M. Equivalence of physical optics and aperture field integration method for reflectors approximated by polyhedra 34292
Oodo, M., Nishikoori, H., Ando, M. Integration surface in aperture field integration method for equivalence to physical optics 56122
Oodo, M. *see* Ando, M. 34306
Oohara, T. *see* Ishida, Y. 30266
Oohashi, H. *see* Itaya, Y. 26909
Oohashi, H. *see* Wada, M. 44468
Oohashi, T., Nishina, E., Fuwamoto, Y., Kawai, N., Tanaka, M., Maekawa, T. An α-EEG indicated physiological assessment on visual media 49593
Oohira, K., Toko, K. Electrical characteristics of lipid/PVC/DOPP membrane and PVC/DOPP membrane used as transducers in chemical sensors 48700
Oohira, Y. *see* Nishioka, T. 17638
Ooi, B.-T. *see* Lopes, L.A.C. 19853
Ooi, B.S., Bryce, A.C., Marsh, J.H., Roberts, J.S. Effect of p and n doping on neutral impurity and SiO_2 dielectric cap induced quantum well intermixing in GaAs/AlGaAs structures 42190
Ooi, B.S., Hamilton, C.J., McIlvaney, K., Bryce, A.C., De La Rue, R.M., Marsh, J.H., Roberts, J.S. Quantum-well intermixing in GaAs-AlGaAs structures using pulsed laser irradiation 55291
Ooi, B.S. *see* Saher Helmy, A. 32170
Ooi, B.T. *see* Galiana, F.D. 19275
Ooi, J.A. *see* Ling, C.H. 42282
Ooi, J.A. *see* Ling, C.H. 43048
Ooi, J.M., Wornell, G.W. Decentralized control of a multiple access broadcast channel: performance bounds 35477
Ooi, K. *see* Segawa, M. 27654
Ooi, K.T., Wong, T.N. A computer simulation of a rotary compressor for household refrigerators 20257
Ooi, L.-S. *see* Chan Fang Khoon 57644
Ooi, Y., Yoshikawa, S., Ozawa, S. An estimation of camera motion parameter by a polar coordinate system doing the eye fixation point with the center 46448
Ooi Beng Chin *see* Beng Chin Ooi
Ooi Boon-Teck *see* Boon-Teck Ooi
Ooijen, M.van *see* van Ooijen, M.
Ooishi, K. *see* Fukui, S. 35630
Ooishi, T. *see* Furutani, K. 1393
Ooishi, T. *see* Furutani, K. 53299
Ooki, H. *see* Yamada, M. 13691
Ooki, S. *see* Hara, S. 22651
Oomen, J. *see* van der Putten, N. 59746
Oomman, B.G., Wu-Tung Cheng, Waicukauski, J. A universal technique for accelerating simulation of scan test patterns 40982
Oommen, B.J., Kashyap, R.L. Optimal and information theoretic syntactic pattern recognition for traditional errors 15027
Oommen, B.J., Loke, R.K.S. Optimal and information theoretic syntactic pattern recognition involving traditional and transposition errors 57081
Oommen, B.J. *see* Nguyen, T.B. 25628
Oommen, T.V., Andrady, T.L. Graft polymerization and other methods to reduce the hygroscopic nature of cellulose insulation 19804
Oomori, T. *see* Mikami, N. 21990
Oomori, T. *see* Sato, M. 19281
Ooms, S., De Zutter, D. The anti-circuit concept for the characterization of active circuits using electromagnetic simulations 11070
Oomura, Y. *see* Kotama, M. 13324
Oomura, Y. *see* Tanaka, M. 13323
Oomura, Y. *see* Uchida, T. 13363
Oon Tik-Bin *see* Tik-Bin Oon
Oon-Pyo Zhu *see* Sung-Hun Oh 50701
Oona, H. *see* Idzorek, G.C. 37571
Oonishi, K. *see* Robert, A. 8733
Oonishi, K. *see* Yamazaki, T. 9449
Oonishi, T. *see* Shibata, S. 33043
Oono, T. *see* Matsuki, H. 35978
Oooka, T., Iwata, H., Ohzone, T. Temperature dependence of single event charge collection in SOI MOSFETs by simulation approach 43090
Oorschot, P.Van *see* Van Oorschot, P.
Oort, M. *see* Busseuil, J. 49907
Ooshima, M., Miyazawa, S., Deido, T., Chiba, A., Nakamura, F., Fukao, T. Analysis and characteristics of a permanent magnet-type bearingless motor 38716
Oostdijk, S. *see* Peters, F. 21557
Oostendorp, T.F. *see* van Schijndel, N.H. 28357
Oosterkamp, T.H., Kouwenhoven, L.P., Koolen, A.E.A., van der Vaart, N.C., Harmans, C.J.P.M. Photon-assisted tunneling through a quantum dot 2196
Oosterlinck, A. *see* Desmet, S. 15615
Oosterlinck, A. *see* Pollefeys, M. 5090
Oosterlinck, A. *see* Proesmans, M. 5610
Oosterom, A.van *see* van Oosterom, A.
Oota, A., Fukunaga, T., Ito, T. AC transport losses in Ag sheathed $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ tapes 13492
Oota, Y. *see* Takahashi, A. 58904
Ootani, H., Ueki, M., Kawamoto, R., Iwatare, M. Development of new rack for overseas and domestic transmission equipment 20877
Ootani, T. *see* Kato, H. 21690
Ootani, W. *see* Minowa, M. 36582
Ootsu, K. *see* Kato, T. 51866
Ootuka, Y. *see* Minowa, M. 36582
Ootuka, Y. *see* Ono, K. 12598
Ootuna, Y. *see* Kazawa, H. 42344
Oouchi, J. *see* Itoh, K. 14646
Oowaki, Y. *see* Fuse, T. 41104
Oowaki, Y. *see* Inaba, T. 21659
Oowaki, Y. *see* Nakano, H. 1405
Oowaki, Y. *see* Shiratake, S. 53298
Oowaki, Y. *see* Takashima, D. 1418
Oowaki, Y. *see* Takashima, D. 21667
Ooyama, Y. *see* Matsuoka, K. 45670
Op de Beeck, E. *see* Moons, E. 26391
Op de Beeck, M., Bruggeman, B., Botermans, H., Van Driessche, V., Yen, A., Tritchkov, A., Jonckheere, R., Ronse, K., Van den hove, L. Optical proximity effects and correction strategies for chemical amplified DUV resists 2531
op de Beeck, M. *see* Baker, D. 42879
Op de Beeck, M. *see* Ronse, K. 2790
Opal, A. Simulation of oversampled sigma delta convertors 11526
Opalski, L. *see* Wojciechowski, J. 20793
Opara, R., Worgotter, F. Improving object recognition by using a visual latency mechanism 4971
Oparin, A.N., Plekhanova, I.V., Solov'ev, N.G. Image recognition by a neural network invariant to affine transformations 5444
Opderbecke, J. *see* Lucido, L. 36274
Opderbecke, J. *see* Lucido, L. 48135
Opderbecke, J. *see* Lucido, L. 58490
Opheim, K.L. Indonesia's emerging energy-efficiency market 28764
Ophel, T.R. A history of accelerators in Australia 49041
Ophel, T.R., Thakur, N.M., Dasgupta, M., Harding, A.B., Weisser, D.C. Energy detector for the linac at ANU 49150
Opher-Lipson, M., Cohen, E., Fisher, T.A., Skolnick, M.S., Linder, E., Roberts, J.S. Photoluminescence and resonant Raman scattering enhancement in GaAs/AlGaAs microcavities 12395
Ophir, J. *see* Alam, S.K. 49562
Ophir, J. *see* Varghese, T. 18344
Ophir, J. *see* Varghese, T. 28091
Ophir, J. *see* Varghese, T. 28226
Opila, R.L., Legrange, J.D., Markham, J.L., Heyer, G., Schroeder, C.M. Effects of surface hydration on the deposition of silane monolayers on silica optical fiber 33048
Opila, R.L. *see* Hong, M. 54417
Opila, R.L. *see* Liu, C.T. 43291
Opila, R.L. *see* Passlack, M. 2385
Opila, R.L. *see* Passlack, M. 22480
Opitz, B. *see* Lakner, H. 52661
Opitz, J. *see* Thackeray, J. 32286
Opitz, S. *see* Trommer, G.F. 38146
Opolski, G. *see* Piatkowska-Janko, E. 49708
Opolski, G. *see* Piatkowska-Janko, E. 49709
Opolski, R. *see* Piatkowska-Janko, E. 49710
Oppen, F.Von *see* Von Oppen, F.
Oppenheim, A.V., Cuomo, K.M., Barron, R.J., Freedman, A.E. Channel equalization for communication with chaotic signals 25824
Oppenheim, A.V. *see* Cuomo, K.M. 16016
Oppenheim, A.V. *see* Nawab, S.H. 45806
Oppenheim, A.V. *see* Winograd, J.M. 25102
Oppenheim, I.C. *see* Watanabe, M.M. 884
Oppenheim, I.F. *see* Stedile, F.C. 12567
Opper, M. *see* Haussler, D. 45488
Oppermann, H. *see* Kallmayer, C. 22090
Oppermann, H. *see* Kallmayer, C. 31649
Oppermann, I., Vucetic, B.S. Capacity of a coded direct sequence spread spectrum system over fading satellite channels using an adaptive LMS-MMSE receiver 26534
Oppermann, I. *see* Hui, S.Y.R. 51134
Oppermann, I. *see* Hui, S.Y.R. 51174
Oppermann, J., Vucetic, B.S. Complex spreading sequences with a wide range of correlation properties 46661
Oppermann, M., Feurer, E., Holl, B., Schroth, J. The modular design and realization of a 35 GHz phase shifter receiver 6462
Opperud, T., Zouganeli, P., Boehle, K., Nyberg, I. Versatile access solution combining bandwidth-on-demand and constant-bit-rate services 58026
Oppo, G.-L. *see* Martin, R. 4055
Oppo, G.L. *see* Lugiato, L.A. 33709
Oprea, L., Velicescu, C. Modelling nonlinear frequency dependent transmission line for electromagnetic transients studies in power systems 8892
Opris, P. *see* Costin, D. 41287
Oprysko, M.M. *see* Cohen, M.S. 6742
Oprysko, M.M. *see* Trewhella, J.M. 227
Opstal, M.van *see* van Opstal, M.
Optican, L.M. *see* Chandra, R. 59684
Opydo, W. Accuracy of determination of electron field emission parameters of vacuum insulation system electrode surfaces 43507

Opydo, W., Mila, J. Effect of coating electrodes with an aluminium oxide layer on the electric strength of unconditioned vacuum insulation systems 23209
Opyr, N. *see* Vorobel, R. 46371
O'Quinn, B.C. *see* Venkatasubramanian, R. 38973
Or, C.T. *see* Schock, A. 20079
Or, C.T. *see* Schock, A. 20080
Or, I., Duman, E. Optimization issues in automated production of printed circuit boards: operations sequencing, feeder configuration and load balancing problems 10030
Or-Bach, Z. *see* Suzuki, F. 41068
Oraee, H. Practical design of brushed DC permanent magnet motors 19764
Oraee, H. Numerical determination of skin-effect factors and their influence on starting performance of cage induction motors 51014
Oraee, J., Howard, N. Handling asynchronous features in an automated design flow 1041
Oraevskii, A.N. *see* Masalov, A.V. 4008
Oraevsky, A.N., Smetanin, I.V. Resotron–a new concept of IR free-electron laser driven by a low-voltage electron beam 55744
Oraevsky, A.N., Smetanin, L.V. Resotron–a new type of IR-free electron laser driven by low-voltage electron beam 33586
O'Raifeartaigh, C., Barklie, R.C., Nylandsted, L.A., Priolo, F., Franzo, G., Lulli, G., Bianconi, M., Lindner, J.K.N., Cristiano, F., Hemment, P.L.F. 2 MeV Si ion implantation damage in relaxed $Si_{1-x}Ge_x$ 30743
O'Raifeartaigh, C. *see* Nylandsted Larsen, A. 42371
Orailoglu, A. *see* Goodby, L. 1608
Orailoglu, A. *see* Goodby, L. 27405
Orailoglu, A. *see* Harris, I.G. 1267
Oraison, J.M. *see* Bellomo, J.P. 9171
Oraison, J.M. *see* Bellomo, J.P. 43537
Oraki, T. *see* Teramatsu, H. 58548
Orange, C., Schlichtherle, B., Wolverson, D., Davies, J.J., Ruf, T., Ogata, K.-I., Fujita, S. Angle-resolved studies of the spin-flip Raman scattering of holes bound to acceptors in p-type nitrogen-doped zinc selenide 31853
Orans, R. *see* Swisher, J. 28809
Orava, S. *see* Alanen, J. 37609
Oravec, J. Types of interactive waves in a nonlinear coaxial transmission line with a homogeneous ferrite filler 34132
Oravsky, V., Krc-Jediny, V. Steady-state solution of an ER clutch at harmonic load 9630
Orazem, M.E. *see* Jansen, A.N. 42913
Orazem, M.E. *see* Jansen, A.N. 42914
Orazi, R.J., Russell, S.D., Vu, T.T., Yu, P.K.L. UV fine tuning of narrow channel fused fibre wavelength division multiplexing couplers 26899
Orazi, R.J. *see* Liu, Q.Z. 58349
Orazi, R.J. *see* Welstand, R.B. 58350
Orban, J. *see* Cantor, S.E. 52744
Orban de Xivry, E. *see* Bogaerts, D. 51211
Orbey, N., Hichri, H., Birkmire, R.W., Russell, T.W.F. Reaction analysis of the formation of CIS at temperatures from 250 to 400°C 30951
Orbey, N. *see* Verma, S. 10831
Orchard, H.J., Willson, A.N., Jr. Elliptic functions for filter design 41288
Orchard, M.T. *see* Guleryuz, O.G. 46251
Orchard, M.T. *see* LoPresto, S.M. 57363
Orchard, M.T. *see* Nosratinia, A. 25581
Orchard, M.T. *see* Rajagopalan, R. 15976
Orchard, M.T. *see* Xiong, Z. 35250
Orchard, M.T. *see* Xiong, Z. 35331
Orchard, M.T. *see* Xiong, Z. 56617
Orchard, M.T. *see* Xiong, Z. 57348
Orchard, M.T. *see* Zixiang Xiong 4921
Orchard, M.T. *see* Zixiang Xiong 34780
Orchard, M.T. *see* Zixiang Xiong 56695
Orchard, M.T. *see* Zixiang Xiong 56794
Orchard, M.T. *see* Zixiang Xiong 57179
Orchowski, A. *see* Lichte, H. 33742
Orcioni, S. *see* Conti, M. 2840
Orda, A., Rom, R. Optimal packet fragmentation and routing in computer networks 26175
Orda, A. *see* Korilis, Y.A. 35530
Ordentlich, E. On the factor-of-two bound for Gaussian multiple-access channels with feedback 25897
Orders, P.J. *see* Hartley, R.H. 10740
Ordieres, J.B. *see* Ortega, F. 36479
Ordine, A. *see* Fioretto, E. 59283
Ordonez-Regil, E., Fernandez-Valverde, S.M., Rivera-Noriega, R., Solorza-Feria, O. Surface modification of electrodeposited p-$CuInSe_2$ thin films with selenium and ruthenium 825
Orduna-Bustamante, F. *see* Nelson, P.A. 25090
Orduna-Bustamante, F. *see* Nelson, P.A. 27192
Ordys, A.W., Pike, A.W., Johnson, M.A., Katebi, M.R., Grimble, M.J., Cloughley, C., Farnham, R. Hierarchical simulation and control of power plants: a case-study approach 38629
Orea, A.Cruz *see* Cruz Orea, A.
O'Rear, E.A. *see* Liu, W.K. 10781
Oreb, B.F. *see* Hibino, K. 59052
Oreb, B.F. *see* Takatsuji, T. 59009
Orefice, M., Matekovits, L., Pirinoli, P., Vecchi, G. A dual beam printed antenna for vehicular communications 34407
Orefice, M. *see* Fina, A. 34046
Orefice, M. *see* Vecchi, G. 34187
Orefice, M. *see* Vecchi, G. 34244
Orefice, M. *see* Vecchi, G. 45401
Oreg, Y., Finkel'stein, A.M. DC transport in quantum wires 22406
O'Regan, K., Bismuth, N., Hersch, R.D., Pappas, A. Legibility of perceptually-tuned grayscale fonts 56788
O'Regan, P.G. *see* O'Mullane, J.J. 19069
O'Reilly, E.P., Jones, G., Silver, M., Adams, A.R. Determination of gain and loss mechanisms in semiconductor lasers using pressure techniques 23951
O'Reilly, E.P., Jones, G., Togher, P., Silver, M., Adams, A.R. The temperature and strain dependence of differential gain in 1.5 μm quantum well lasers 33486
O'Reilly, E.P. *see* Adams, A.R. 23953
O'Reilly, F.J. *see* Marnane, W.P. 11307
O'Reilly, J.J. *see* Al-Orainy, A.A. 26682
O'Reilly, J.J. *see* Griffin, R.A. 16667
O'Reilly, J.J. *see* Zhang, S.L. 26695
O'Reilly, J.J. *see* Zhang, S.L. 36135
O'Reilly, J.J. *see* Zhang, S.L. 47524
O'Reilly, J.J. *see* Zhang, S.L. 47931
O'Reilly, M. *see* Ellis, A. 26209
O'Reilly, M. *see* Ffloyd, L. 42648
O'Reilly, M. *see* Patterson, J.C. 42724
O'Reilly, U.-M. Investigating the generality of automatically defined functions 52525
Orel, Z.Crnjak *see* Crnjak Orel, Z.
Orellana, C.J.Garcia *see* Garcia Orellana, C.J.
Oren, T.I. *see* Keen, N. 51554
Oren, T.I., Birta, L.G. *(editors)* Proceedings of the 1995 Summer Computer Simulation Conference. Twenty-Seventh Annual Summer Computer Simulation Conference 39593
Orendi, H. *see* Knobloch, H. 23596
Orengo, G. *see* Giannini, F. 53045
Orenstein, J. *see* McEuen, P.L. 54185
Orenstein, M. *see* Arbel, D. 55749
Orenstein, M. *see* Buchinsky, O. 44542
Orenstein, M. *see* Margalit, M. 33411
Orenstein, M. *see* Margalit, M. 44588
Orenstein, M. *see* Margalit, M. 55527
Orenstein, M. *see* Natan, D. 23926
Orero, S.O., Irving, M.R. Economic dispatch of generators with prohibited operating zones: a genetic algorithm approach 8836
Orero, S.O., Irving, M.R. Large scale unit commitment using a hybrid genetic algorithm 19154
Orero, S.O., Irving, M.R. A genetic algorithm for network partitioning in power system state estimation 50459
Ores, C. *see* Ilie, C. 51608
Oreshkin, M.A., Savchenko, A.G., Vekshin, B.S., Lileev, A.S., Mel'nikov, S.A., Menushenkov, V.P. Compatibility of the production of Sm-Co and Nd-Fe-B magnets 55065
Oreshkin, S.B. *see* Aulchenko, V.M. 37250
Oreshkin, V.F. *see* Apollonov, V.V. 23742
Oreshkin, V.F. *see* Apollonov, V.V. 55491
Oresjo, S. Step-by-step SMT: solutions for today. IX. Test and inspection 11874
Oresjo, S. Unpowered opens test with X-ray laminography 31572
Oresjo, S., Parker, K.P., McDermid, J.E. P1149.4 Mixed Signal Test Bus Standard–a status report 53464
Orfanogiannis, C. *see* Fountas, N.A. 50466
Orfei, A. *see* Ambrosini, R. 36301
Orford, G. Why so many uncertainty documents? 17136
Orford, K.J. *see* Noonan, C.A. 34744
Organ, D. *see* Belytschko, T. 540
Organtini, G. *see* Baccaro, S. 37459
Orgun, M. *see* Buus, H. 59896
Orgusaar, R. *see* Willis, M., Jr. 8663
Ori, G.G., Ogliani, F. Potentiality of the ground-penetrating radar for the analysis of the stratigraphy and sedimentology of Mars 48196
Oriat, L., Charraut, D., Gorecki, C., Eyraud, J.-L., Meyer, M.-L. Analysis and tracking of destructive tests on working turbofans involving image processing techniques 49848
Oricchio, D. *see* Spera, P. 50073
Origgi, L. *see* Gordon, L.B. 32687
Orignac, X., Almeida, R.M. Silica-based sol-gel optical waveguides on silicon 3417
Orignac, X., Vasconcelos, H.C., Du, X.M., Almeida, R.M. Influence of solvent concentration on the microstructure of SiO_2-TiO_2 sol-gel films 55158
Orihara, K. *see* Hatano, K. 48683
Orihashi, M. *see* Noda, Y. 30710
Orii, T. *see* Yoshida, T. 44263
Orii, Y., Sumita, M., Moro, K., Sakai, T. MCM-L application utilized surface laminar circuit/flip chip attach package technology 12051
Orikasa, S. *see* Fujimoto, K. 28422
Oriola, B., Vigouroux, N., Decoret, C. Voice recognition and keyboard as interaction inputs for blind people: analysis of users' behaviour 4603
Oriolo, G., Ulivi, G., Vendittelli, M. Fuzzy maps: a new tool for mobile robot perception and planning 60114
Oriols, X. *see* Garcia-Garcia, J. 22754
Oriols, X. *see* Sune, J. 2729
Orion, I. *see* Pernick, A. 37473
O'Riordan, J. *see* Sabry-Rizk, M. 28324
Oristaglio, M. *see* Chen, Y.H. 33925
Orita, K., Hayashi, K., Horiuchi, T., Matsushige, K. Direct observation of the crystallization in EL organic thin films by total reflection X-ray diffractometer 3627
Orita, T. *see* Nakamae, K. 11255
Oriti, G. *see* Consoli, A. 1140
Oriti, G. *see* Consoli, A. 29740
Oriti, G. *see* Musumeci, S. 43109
Oritz de Urbina, G. *see* Alava, J.I. 371
Orive, R. *see* Bultheel, A. 30557
Orji, C.U., Bobbie, P.O., Nwosu, K.C. Spatio-temporal effects of multimedia objects storage and delivery for video-on-demand systems 48224
Orji, C.U. *see* Adjeroh, D.A. 46163
Orkisz, M., Clarysse, P. Optical flow estimation preserving discontinuities: a survey 56662
Orlandi, A., Paul, C.R. State-variable characterization of transmission line terminations for FDTD analysis 45269
Orlandi, A. *see* Celozzi, S. 45267
Orlandi, G. *see* Di Mario, G. 4725
Orlando, J., Valin, P., Rasquinha, D. Considerations for evolving to a residential multimedia network 47422
Orlando, S. *see* Bosco, F. 47289
Orlando, S. *see* Cappuccio, G. 40438
Orlando, S. *see* Guidoni, A.G. 52763
Orlando, S. *see* Mele, A. 21363
Orlic, D. *see* Zafirovic-Vukotic, M. 19208
Orlidge, L.A. An overview of IEEE P1232 AI-ESTATE. The standard for intelligent reasoning based systems test and diagnosis arrives 38197
Orlikovskii, A.A. *see* Baryshev, Yu.P. 32198
Orlikovskii, A.A. *see* Il'kaev, D.R. 32407
Orlikovskii, A.A. *see* Vasil'ev, A.G. 30899
Orlin, J.B. *see* Ahuja, R.K. 52458
Orlin, J.B. *see* Ahuja, R.K. 52496
Orlinov, I. *see* Adam, A. 37280
Orlinov, V. *see* Kourtev, J. 22174
Orlitsky, A. Interactive communication 24612
Orloff, J., Swanson, L.W., Utlaut, M. Fundamental limits to imaging resolution for focused ion beams 24365
Orloff, J. *see* Guharay, S.K. 22713
Orloff, J. *see* Guharay, S.K. 42867
Orloff, J. *see* Wegmann, S. 14930
Orloff, S., Vuong, K.D., Tenpas, E., Fagan, J., Wang, X.W. Fabrication of cadmium sulfide thin films by CW Nd:YAG laser deposition 852
Orloff, S. *see* Tenpas, E.W. 10866
Orlosky, S. Improve encoder performance 27500
Orlov, A.F. *see* Balagurov, L.A. 12136
Orlov, A.M., Kostishko, B.M., Skvortsov, A.A. Diffusion processes in a thin-film Si-Mo-Al system 54491
Orlov, A.O. *see* Bazan, G. 22897
Orlov, A.V. *see* Makalsky, L.M. 28904
Orlov, N. *see* Eremin, Yu. 12608
Orlov, N.A. *see* Vanyakin, A.V. 44186
Orlov, S.S. *see* Yariv, A. 13551
Orlov, V.V., Bulygin, A.R. Volume holograms of co-orthogonal waves for optical channel switching and expansion of light waves in Walsh basis functions 14473
Orlov, Yu.I. *see* Gromov, B.F. 37192
Orlova, N.A. *see* Zhuravlev, F.A. 24140
Orlova, N.I. *see* Zakhidov, R.A. 50861
Orlovich, V.A. *see* Apanasevich, P.A. 14397
Orlovich, V.A. *see* Vodchitz, A.I. 33619
Orlowska-Kowalska, T., Kowalski, C.T., Chlipala, M. Microprocessor-based self-tuning control for DC motor drive 61145
Orlowska-Kowalska, T., Wojsznis, P. Comparative study of rotor flux estimators sensitivity in the speed sensorless induction motor drive 9619
Orlowski, A. Review of radio in the local loop systems for rural areas 47395
Orlowski, A. National technical requirements for radio in the local loop equipment 47396
Orlowski, A. Digital radio in the local loop TANGARA RD system 47401
Orlowski, B.A., Kowalski, B.J., Barrett, N., Martinotti, D., Guillot, C., Lacharme, J.-P., Sebenne, C.A. Valence band of $Cd_{1-x}Fe_xSe$/Fe in resonant photoemission spectra 2249
Orlowski, B.A. *see* Guziewocz, E. 12528
Orlowski, N. *see* Gawlik, K.-U. 54081
Orlt, M. *see* Model, R. 25518
Ormiston, D. *see* Cohen, C.E. 60003
Ormondroyd, R.F., Redfern, M.A., Bowers, M.A. Coding strategies for high speed unit protection and control 16521
Ormondt, D.van *see* van Ormondt, D.
Orner, B.A. *see* Chen, F. 2122
Orner, B.A. *see* Chen, F. 12881
Orner, B.A. *see* Xiaoping Shao 12545
Ornstein, I. *see* Lang, F. 27671
Orobtchouk, R., Laval, S., Pascal, D., Koster, A. Analysis of integrated optical waveguide mirrors 55281
Oron, M. *see* Rosenman, G. 1908
Oron, M. *see* Rosenman, G. 32671
Oron, R. *see* Hardy, A. 33427
O'Rourke, C. *see* Rindos, A. 46563
O'Rourke, K., Peterson, E. Optical demonstration on Honeywell FLASH program 59910
O'Rourke, M.J. *see* Sultan, M.F. 36619
O'Rourke, M.J. *see* Sultan, M.F. 39351
O'Rourke, R., Peterson, E. Optical demonstration on Honeywell FLASH program 59943

Orozco, P., Acufia, D., Chaparro, F., Riveros, J. Design and performance of a reflectometer to measure optical properties of multilayer optical thin films 7622
Orozco, R.M. *see* Rudloff, R.B. 7493
Orozco-Barbosa, L., Ahmed, N.U. Dynamic modelling of the IEEE 802.6 medium access mechanism 47202
Orozco-Barbosa, L. *see* Aweya, J. 46702
Orozco-Barbosa, L. *see* Han, T. 46591
Orozco-Barbosa, L. *see* Makrakis, D. 5841
Orpana, M. *see* Pirila, N. 54487
Orphanoudakis, S.C., Chronaki, C.E., Vamvaka, D. I²Cnet: content-based similarity search in geographically distributed repositories of medical images 15424
Orphanoudakis, S.C. *see* Argyros, A.A. 35312
Orphanoudakis, T.G. *see* Angelopoulos, J.D. 17084
Orpy, O.E. *see* Maillot, D. 26038
Orr, B.G. *see* Tersoff, J. 21290
Orr, C.E. *see* Purvis, B.D. 8249
Orr, C.H. An integrated dismantling and monitoring strategy for historic plutonium plants 50732
Orr, J.A., Cyganski, D., Vaz, R. A course in information engineering across the professions 20476
Orr, R. *see* Kadambe, S. 6990
Orr, R.S., Pike, C. Detection in dense signal environments via the Gabor transform 24944
Orr, R.S. *see* Kadambe, S. 27091
Orr, R.S. *see* Kadambe, S. 34947
Orr, R.S. *see* Lyall, M.J. 15302
Orr, S. *see* Smith, R.P. 49321
Orrite, C. *see* Lopez, J.E. 37882
Ors, T., Sun, Z., Jones, S.P.W. ATM networking with VSATs 36054
Ors, T. *see* Andrikopoulos, I. 35506
Ors, T. *see* Sun, Z. 47240
Orsak, G. *see* Etter, D.M. 20531
Orsak, G.C. *see* Etter, D.M. 9920
Orsevski, V. *see* Dagys, M. 27864
Orsi, A.P. A note on spline approximation for Hadamard finite-part integrals 40163
Orsier, E. *see* Fiament, O. 23013
Orsini, M. *see* Cazaux, J.-L. 59897
Orsitto, F., Brusadin, A., Giovannozzi, E. Avalanche photodiodes operating parameter optimization for the Frascati Tokamak Upgrade Thomson scattering system 36574
Orsolini Cencelli, V. *see* Caciotta, M. 50486
Orsolini Cencelli, V. *see* Lamedica, R. 8834
Orszag, M. *see* de Guevara, L.L. 44322
Orszag, S.A. *see* Vallishayee, R.R. 2535
Ort, H. *see* Jourdan, A. 26441
Ort, W. *see* Nozette, S. 27126
Orta, R. *see* Savi, P. 41398
Ortalano, M.W., Song He, Das Sarma, S. Realistic calculations of correlated incompressible electronic states in GaAs-Al$_x$Ga$_{1-x}$As heterostructures and quantum wells 54193
Ortega, A., Vetterli, M. Adaptive scalar quantization without side information 56511
Ortega, A. *see* Lengwehasatit, K. 56622
Ortega, A. *see* Queipo, N.V. 1765
Ortega, A. *see* Ramanathan, S. 288
Ortega, A. *see* Woo, W. 56636
Ortega, A. *see* Yoo, Y. 14793
Ortega, A. *see* Yoo, Y. 57248
Ortega, A. *see* Youngjun Yoo 24657
Ortega, B., Capmany, J., Pastor, D., Laming, R.I. Experimental demonstration of an ultraselective and tunable optical bandpass filter using a fibre grating and a Fabry-Perot 55195
Ortega, B. *see* Cruz, J.L. 33028
Ortega, B. *see* Cruz, J.L. 45475
Ortega, B. *see* Pastor, D. 55228
Ortega, C. *see* Bonal, J. 30168
Ortega, C. *see* Bonal, J. 43191
Ortega, D. *see* Pastor, D. 3380
Ortega, F., Ordieres, J.B., Menendez, C., Gonzalez Nicieza, C. Development of a neural-based diagnostic system to control the ropes of mining shafts 36479
Ortega, F. *see* Bandera, C. 57203
Ortega, F. *see* Ruiz, J.A. 8723
Ortega, F. *see* Vico, F.J. 57204
Ortega, J. *see* Rojas, I. 31448
Ortega, J.M. *see* Prazeres, R. 44591
Ortega, M.A., Rius, J., Figueras, J. Test of CMOS circuits based on its energy consumption 23002
Ortega, M.D. *see* Postava, K. 32801
Ortega, R. *see* De Wit, P.A.S. 9238
Ortega, R. *see* Espinosa-Perez, G. 9222
Ortega, R. *see* Espinosa-Perez, G. 29298
Ortega, R. *see* Ki-Chul Kim 60761
Ortega, R. *see* Ki-Chul Kim 60766
Ortega, R. *see* Sira-Ramirez, H. 40871
Ortega, R. *see* Sira-Ramirez, H. 51153
Ortega, R. *see* Taoutaou, D. 38724
Ortega, S. *see* Dahlin, M.J. 18931
Ortega Gonzalez, F.J., Jimenez Martin, J.L. An ultra low-power high dynamic range direct conversion receiver 6515
Ortega-Lopez, M., Morales-Acevedo, A. Properties of CuInS$_2$ thin films for solar cells prepared by spray pyrolysis 39121
Ortega-Lopez, M., Morales-Acevedo, A., Bokhimi Study of the physical properties of polycrystalline thin films of CdO deposited by a chemical bath 12293
Ortenberg, M.Von *see* Von Ortenberg, M.
Orth, A. *see* Hofling, E. 55613
Orth, B. *see* Brosio, A. 26856
Orth, B. *see* Gillespie, A. 47433
Orth, T., Schreiber, F. Temperature-dependent conventional and photothermally modulated FMR measurements on CrO_2 particulate tapes 3185
Ortigosa, J.I., Padres, N., Iskander, M.F., Thornberg, B. Comparative study of high performance GPS receiving antenna designs 36289
Ortigosa, J.I. *see* Padros, N. 48190
Ortion, J.M., Cordier, Y., Garcia, J.C., Adam, D., Champagne, M. Selective area etching of AlGaAs/GaAs heterostructures using $AsCl_3$ 54425
Ortion, J.R., Cordier, Y., Garcia, J.C., Adam, D., Grattepain, C. In-situ cleaning of SiO_2-patterned GaAs surface with trisdimethylaminoarsine for selective regrowth 22599
Ortiz, E.L., Dinh, A.P.N. Some remarks on structural relations between the Tau method and the finite element method 30670
Ortiz, G.G., Bo Lu, Cheng, J., Hains, C.H., Sun, Z. VCSELs with nonuniform multiple quantum wells for a very wide temperature range of CW operation 3898
Ortiz, G.G., Hains, C.P., Lu, B., Sun, S.Z., Cheng, J., Zolper, J.C. Cryogenic VCSELs with chirped multiple quantum wells for a very wide temperature range of CW operation 3822
Ortiz, M. *see* Camacho, G.T. 52574
Ortiz, Z. *see* Rindos, A. 46563
Ortiz P., R. *see* Pena C., M.A. 59586
Ortiz-Conde, A., Liou, J.J., Narayanan, R., Sanchez, F.J.G. On the physical mechanism contributing to the difference between drain and source resistances in short-channel MOSFETs 32431
Ortiz-Conde, A. *see* Latif, Z. 22862
Ortiz-Conde, A. *see* Latif, Z. 32436
Ortmann, U. *see* Legendre, B.L., Jr. 7924
Ortmanns, S., Ney, H., Aubert, X. A word graph algorithm for large vocabulary continuous speech recognition 56367
Ortmeyer, T.H., Hiyama, T. Distribution system harmonic filter planning 8889
Ortolano, M. *see* De Marchi, A. 17190
Ortolland, S. Study of different edge terminations used for 6H-SiC power diodes 54577
Orton, C.G. *see* Alecu, R. 49761
Orton, H.E., Samm, R. Worldwide underground transmission cable practices 50586
Orton, J.W. Exciton spectra and spin-orbit splitting in GaN epitaxial films 41951
Orton, J.W., Lacklison, D.E., Andrianov, A.V., Cheng, T.S., Dewsnip, D.J., Foxon, C.T., Jenkins, L.C., Hooper, S.E. Photoluminescence study of silicon-doped GaN grown by MBE on GaAs substrates 31856
Orton, J.W. *see* Andrianov, A.V. 41950
Orton, J.W. *see* Cheng, T.S. 10765
Orton, J.W. *see* Dewsnip, D.J. 41949
Orton, J.W. *see* Keng-Shen Hung 53478
Ortuno-Prados, F. *see* Bazzano, A. 7799
Ortuzar, J.de Dios *see* de Dios Ortuzar, J.
O'Ruanaidh, J.J.K., Dowling, W.J., Boland, F.M. Watermarking digital images for copyright protection 4925
Oruc, A.Y. *see* Guo, W.-M. 35868
Orue, I. *see* Gorria, P. 3080
Oruganti, R. *see* Li Xiao 51296
Orvek, K.J., Dass, S.K., Gruber, L., Dumford, S.A., Piasecki, M.A., Pollard, G., Fink, I. Migrating deep-UV lithography to the 0.25 μm regime: Issues and outlook 2526
Orvosh, D. *see* Cox, L.A., Jr. 46808
Orwantschke, D. *see* Ebbinghaus, K. 50742
Orwell, J.M., Boyce, J.F., Haddon, J.F. Ego motion from near-degenerate sequences 5102
Orwig, L. *see* O'Brien, J. 8664
Orzan, D. Time-domain low frequency approximation for the off-diagonal terms of the ground impedance matrix 34129
Os, E.den *see* den Os, E.
Osa-Wyser, A. *see* Inaudi, D. 17440
Osa-Wyser, A. *see* Vulliet, L. 7389
Osabe, H. *see* Torii, S. 61243
Osabe, J. *see* Ohkubo, M. 40527
Osada, K. *see* Mizuno, H. 1334
Osada, T. *see* Kawaguchi, Y. 12474
Osada, T. *see* Machida, T. 22327
Osada, Y., Ueoka, Y., Gong, J.P. Polymer gel–soft and wet intelligent material 10980
Osada, Y. *see* Matsumoto, S. 10981
Osada, Y. *see* Seki, A. 9642
Osad'ko, I.S., Stashek, M.V. Femtosecond photon echo as probe for ultrafast optical dephasing and optical band shape in condensed molecular systems 14351
Osadnik, S. *see* Berlicki, T. 27543
Osafune, K. *see* Umeda, Y. 21959
Osaka, H. *see* Uemura, T. 55401
Osaka, J. *see* Inoue, N. 21283
Osaka, M., Saitoh, H., Someya, T., Hayakawa, H., Cohen, R.J. Mutual information analysis of temporal patterns of occurrence of ventricular premature beats 59654
Osaka, T., Komaba, S., Fujihana, K., Okamoto, N., Momma, T., Kan, N. Organic electroluminescence device based on an electrodeposited poly(3-substituted thiophene) film 40687
Osaka, T., Komaba, S., Seyama, M., Tanabe, K. High-sensitivity urea sensor based on the composite film of electroinactive polypyrrole with polyion complex 36726
Osaka, T. *see* Homma, T. 43685
Osaka, T. *see* Koiwa, I. 2913
Osaka, T. *see* Momma, T. 11771
Osaka, T. *see* Momma, T. 61278
Osaka, T. *see* Ohtake, A. 2250
Osaka, T. *see* Ono, S. 52746
Osaka, T. *see* Takai, M. 32792
Osaka, T. *see* Takai, M. 32793
Osaka, T. *see* Xingjiang Liu 41536
Osaka, T. *see* Xingjiang Liu 53709
Osaka, Y., Nakagawa, N., Kohno, K. Formation of metal-insulator-semiconductor structure (B/hexagonal BN/graphite) by plasma chemical vapor deposition 52775
Osakabe, E. *see* Nashimoto, K. 2911
Osakabe, M. *see* Kuroda, T. 37176
Osakabe, M. *see* Tsumori, K. 37061
Osakabe, S., Adachi, S. Chemical treatment effect of (001) GaAs surfaces in alkaline solutions 42508
Osakada, K. *see* Mori, K. 43714
Osaki, H. Tribology of videotapes 23361
Osaki, M. *see* Ban, M. 7117
Osaki, T. *see* Ban, H. 59404
Osaki, Y. *see* Miyata, J. 20270
Osako, F., Yashima, Y., Kotera, H., Watanabe, H., Shimamura, K. A dynamic computation resource scalable algorithm for software video CODEC 46097
Osama, M., Lipo, T.A. Modeling and analysis of a wide speed range induction motor drive based on electronic pole changing 29715
Osasona, O., Djebah, A., Ojo, I.A.O., Eleruja, M.A., Adedeji, A.V., Jeynes, C., Ajayi, E.O.B. Preparation and characterization of MOCVD thin films of zinc sulphide 44193
Osato, K. *see* Yamamoto, K. 43907
Osawa, A. *see* Shima, T. 12696
Osawa, A. *see* Suu, K. 2918
Osawa, A. *see* Suu, K. 52796
Osawa, H., Okada, M., Okamoto, Y., Saito, H. Performance comparison of various PRML systems for (1,7)RLL code and 8/9 code 24652
Osawa, H. *see* Kurihara, Y. 3216
Osawa, H. *see* Takahashi, N. 48245
Osawa, N. *see* Tomita, Y. 40733
Osawa, S. *see* Nakamura, M. 59074
Osberger, W., Maeder, A.J., McLean, D. An objective quality assessment technique for digital image sequences 57010
Osberger, W. *see* Reeves, R. 57345
Osborn, C.T. *see* Roberts, C.E. 16645
Osborn, M.T. *see* De Coursey, R.J. 8463
Osborn, M.T. *see* Woods, D.C. 8465
Osborn, T.D. *see* Brody, J.P. 17556
Osborne, C.B. *see* Haney, M.W. 36177
Osborne, C.F. *see* Tirkel, A.Z. 48103
Osborne, D. *see* Akchurin, N. 37257
Osborne, J. *see* Coulthard, J. 38586
Osborne, J.T. *see* Coulthard, J. 50775
Osborne, L. *see* Abe, K. 59233
Osborne, M.R. *see* Forrest, L. 55205
Osborne, W.P., Ara, S. Review of bandwidth efficient modulation schemes 6023
Osborne, W.P. *see* Ross, M.D. 6042
Osborne, W.P. *see* Wolcott, T.J. 4721
Osburn, C.M. Microsensor engineering 27493
Osburn, C.M., Tsai, J.Y., Sun, J. Metal silicides: active elements of ULSI contacts 12822
Osburn, C.M. *see* Hulfachor, R.B. 54653
Osburn, C.M. *see* Sun, J. 22979
Osburn, C.M. *see* Sun, J.J. 54633
Osburn, C.M. *see* Zhang, K.X. 54627
Osburn, G.D. *see* Montesano, J.J. 38640
Osburn, G.R. *see* Izenberg, N.R. 28609
Osburn, J.D.M. *see* Bronaugh, E.L. 45187
Oscarson, A. *see* Smith, R.S. 59336
Osella, G. *see* Debernardi, P. 4040
Osen, J. The medium is the message: a media specific analysis of the Communications Decency Act 39664
Osenbach, J.W., Evanosky, T.L., Chand, N., Comizzoli, R.B., Krautter, H.W. Temperature-humidity-bias behavior and acceleration factors for nonhermetic uncooled InP-based lasers 55721
Osenda, O. *see* Chattah, A.K. 3297
Osetrova, N.Ya. *see* Kuz'minov, V.V. 28028
Osgood, B. *see* Gaier, T. 41485
Osgood, D.E. *see* Holzapfel, W.I. 58516
Osgood, R.H., Jr. *see* Ilic, I. 23561
Osgood, R.K. *see* Meador, D.P. 18631
Osgood, R.M. *see* Shor, J.S. 32164
Osgood, R.M., Jr. *see* Chao, L.-L. 42178
Osgood, R.M., Jr. *see* Hu, M.H. 23540
Osgood, R.M., Jr. *see* Ilic, I. 14683
Osgood, R.M., Jr. *see* Ilic, I. 36105
Osgood, R.M., Jr *see* Luo, Y. 2372
Osharin, A.M. Thermal field of a multilayered sphere 4182
O'Shaughnessy, D. *see* Farhat, A. 14892
O'Shaughnessy, D. *see* Li, Z. 15138
O'Shaughnessy, D. *see* Vergin, R. 14926
O'Shaughnessy, K. *see* Matthews, J.A.J. 37266
O'Shaughnessy, K. *see* Unno, Y. 37395
O'Shaughnessy, M. *see* Hartzell, A. 42491
Oshchepkov, V.I. *see* Ser'eznov, A.N. 58628

O'Shea, D. Calling on wireless 911 6011
O'Shea, D. TMN weaves its way into wireless 16178
O'Shea, D. The service is in the software [wireless carriers' services software] 16201
Oshea, D. Midband now, broadband when? 26239
O'Shea, D. Beating the bugs [telecommunications fraud] 46867
O'Shea, J.J. *see* Rubin, M.E. 22345
O'Shea, P.G. Generalized free-energy principle and emittance growth 18039
O'Shea, T. *see* Dufau-Richet, J.L. 47428
O'Shea, T.E. *see* Jones, J.R. 47394
O'Shea, V. *see* Amendolia, S.R. 37346
O'Shea, V. *see* D'Auria, S. 59251
Osheiba, A.M., Rahman, M.A. Performance analysis of self-excited single phase isolated synchronous generators 29280
Osheiba, M.A. *see* Radwan, T.S. 20130
Oshiba, S. *see* Nakamura, K. 44550
Oshikiri, M. *see* Kido, G. 3300
Oshima, H. *see* Seino, H. 20159
Oshima, H. *see* Shigeno, H. 57638
Oshima, I., Tashiro, Y., Fujisaki, A., Ogoshi, H. Development and application of 1480 nm band wavelength multiplexed semiconductor laser diode pump unit 44525
Oshima, K. *see* Kawahigashi, H. 25965
Oshima, K. *see* Nishibori, K. 51066
Oshima, M. *see* Fujioka, H. 42342
Oshima, M. *see* Maeda, F. 52696
Oshima, M. *see* Oka, H. 18475
Oshima, M. *see* Yamamoto, H. 11760
Oshima, Y., Sheu, B.J., Jen, S.H. High-speed memory architectures for multimedia applications 31258
Oshima, Y. *see* Aulchenko, V.M. 37247
Oshima, Y. *see* Jen, S.H. 2684
Oshima, Y. *see* Jen, S.H. 43088
Oshima, Y. *see* Jin-Ki Kim 1402
Oshima, Y. *see* Jin-Ki Kim 53294
Oshima, Y. *see* Wada, H. 60893
Oshinowo, J. *see* Ohnesorge, B. 2216
Oshinski, J.N., Hofland, L., Mukundan, S., Dixon, W.T., Parks, W.J., Pettigrew, R.J. Two-dimensional coronary MR angiography without breath holding 59476
Oshinski, J.N. *see* Siegel, J.M., Jr. 8026
Oshio, K., Panych, L.P., Guttmann, C.R.G. A simple noninvasive stereotactic device for routine MR head examinations 7884
Oshiro, N., Maru, N., Nishikawa, A., Miyazaki, F. Binocular tracking using log polar mapping 56817
Oshita, E. *see* Tomimasu, T. 33583
Oshita, M. A tool for environmental design 20797
Oshita, M. *see* Tatsuoka, H. 13417
Oshita, S. *see* Hayashibe, R. 59440
Osiander, R., Ecelberger, S.A., Givens, R.B., Wickenden, D.K., Murphy, J.C., Kistenmacher, T.J. A microelectromechanical-based magnetostrictive magnetometer 17243
Osiceanu, P. Titanium stoichiometry in ion beam induced oxidation of $TiSi_2$ 42609
Osiko, V.V. *see* Umyskov, A.F. 3784
Osinski, J.S. *see* Pezeshki, B. 14104
Osinski, M., Barton, D.L., Helms, C.J., Perlin, P., Berg, N.H., Sartori, P., Phillips, B.S. Studies of degradation in Nichia AlGaN-InGaN-GaN blue light emitting diodes under close to normal operation conditions 23705
Osinski, M., Eliseev, P.G. Radiative recombination mechanisms in high brightness Nichia blue LEDs 33308
Osinski, M., Helms, J., Berg, N., Barton, D.L., Phillips, B.S. Room-temperature life test of Nichia AlGaN/InGaN/GaN blue light emitting diodes 13885
Osinski, M. *see* Eliseev, P.G. 24009
Osinski, M. *see* Eliseev, P.G. 33492
Osinski, M. *see* Nakwaski, W. 3916
Osinski, M. *see* Sarzala, R.P. 3917
Osinski, M. *see* Sarzala, R.P. 14136
Osinski, M. *see* Zeller, J. 13886
Osinskii, M.A. *see* Akimova, I.V. 23891
Osinsky, A. *see* Chen, Q. 58757
Osinsky, A. *see* Lim, B.W. 48557
Osinsky, A. *see* Sun, C.J. 44277
Osinsky, A.V. *see* Yang, J.W. 12341
Osio, I.G., Amon, C.H. An engineering design methodology with multistage Bayesian surrogates and optimal sampling 40775
Osipov, A.V. Diffraction by a wedge with higher-order boundary conditions 14589
Osipov, S.P. *see* Nedavnii, O.I. 58989
Osipov, V.V. *see* Morozov, V.A. 48548
Osipov, V.Yu. Current switching in bistable structures: heavily doped n+-polysilicon-tunnel-oxide layer-n-silicon 54315
Osipov, Yu.A. *see* Tartakovskii, A.A. 40681
Osipova, T. *see* Akimov, D. 59257
Osipova, T.A. *see* Akimov, D.Yu. 37245
Osipowicz, T. *see* Wee, A.T.S. 2449
Oskam, G. *see* Cao, F. 33230
Oskamp, C.J. *see* Prendergast, E.P. 41731
Oskar van Deventer, M., Wingstrand, S., Bolle, A., Jalderot, P., Backdahl, C., Karlsson, J., Herrmansson, B. Power limit due to modulation instability in a 2.5 Gbit/s field-trial with +22 dBm booster EDFA 26820
Oskarsson, A. *see* Berg, M. 37259
Oskinski, M. *see* Eliseev, P.G. 55462
Oslake, J.M., Verboncoeur, J.P., Birdsall, C.K. Numerical calculation of electromagnetic eigenfields and dispersion relation for slow-wave device simulation 1953
Oslake, J.M., Verboncoeur, J.P., Birdsall, C.K. Numerical calculation of electromagnetic eigenfields and dispersion relation for slow-wave device simulation 12120
Osland, P.-O. *see* Folkestad, A. 47270
Oslander, R. *see* Givens, R.B. 7258
Oslick, M. *see* Maslakovic, S. 34960
Osman, A.H., Kerim, A.A.A., Mahmoud, M.M.M. Simulation of a new gate drive technique for snubberless operation of GTOs using SPICE 12912
Osman, H., Blostein, S.D. SAR imagery segmentation using probabilistic winner-take-all clustering 6903
Osman, H., Blostein, S.D. SAR image processing using probabilistic winner-take-all learning and artificial neural networks 58433
Osman, J. *see* Villarica, R.M. 13561
Osman, N., Tsuji, Y., Koshiba, M. A two-dimensional design and modeling of semiconductor lasers 44521
Osmanagich, S. *see* Constantikes, K.T. 28532
Osmokrovic, P., Petkovic, D., Markovic, O. Measuring probe for fast transients monitoring in gas insulated substation 27505
Osmokrovic, P. *see* Arsic, N. 28941
Osofsky, M.S. *see* Horwitz, J.S. 40623
Osorio-Saucedo, R., Luna-Arredondo, E.J., Callejа-Arriaga, W., Reyes-Barranca, M.A. New chemical sensor based on a MOS transistor with rear contacts and two flat surfaces 48426
Ososanya, E.T. *see* Biederman, D.C. 41047
Ososkov, G.A. *see* Altaisky, M.V. 34849
Osowski, M.L., Lammert, R.M., Coleman, J.J. A dual-wavelength source with monolithically integrated electroabsorption modulators and Y-junction coupler by selective-area MOCVD 26870
Osowski, M.L., Panepucci, R., Adesida, I., Coleman, J.J. A strained-layer InGaAs-GaAs asymmetric cladding gain-coupled DFB laser with titanium surface gratings by metalorganic chemical vapor deposition 44502
Osowski, M.L. *see* Crook, A.C. 44058
Osowski, M.L. *see* Lammert, R.M. 16820
Osowski, M.L. *see* Lammert, R.M. 23973
Osowski, M.L. *see* Lammert, R.M. 55692
Osowski, M.L. *see* Roh, S.D. 33535
Osowski, S., Bojarczak, P., Stodolski, M. Fast second order learning algorithm for feedforward multilayer neural networks and its applications 15322
Ossart, F., Mekhiche, M., Waeckerle, T. Numerical simulation of an Epstein frame used for anisotropy measurements 27842
Ossart, F. *see* Cortial, F. 43703
Ossart, F. *see* Rouve, L.-L. 44943
Ossart, P. *see* Flicstein, J. 897
Ossau, W. *see* Kochereshko, V.P. 12396
Ossau, W. *see* Kochereshko, V.P. 22371
Ossau, W. *see* Mackh, G. 22316
Ossau, W. *see* Mackh, G. 22369
Ossau, W. *see* Waag, A. 23959
Ossenbrink, H., Helmke, C., Jantsch, M. Experience with building integration of a photovoltaic facade 50835
Ossenbrink, H. *see* Bishop, J. 39158
Ossenbrink, H. *see* Helmke, C. 36522
Ossi, P.M. *see* Capelletti, R. 32124
Ossowski, R. *see* Bamberger, A. 7787
Ossowski, R. *see* Bamberger, A. 37358
Osswald, W. Operations management and network control systems in multi-service-utilities–economies, concepts, solutions 8826
Osswald, W. *see* Haverkamp, J. 8787
Ostanin, S.Yu., Shmeleva, G.A., Nikanorov, A.V. Software for calculating the characteristics of hysteresis electrical machines with a nonsinusoidal power supply 19702
Ostanin, S.Yu., Shmeleva, G.A., Nikanorov, A.V. Program for calculating the characteristics of hysteresis electrical machines with an asymmetric power supply 20101
Ostanin, S.Yu. *see* Nikanorov, V.B. 9193
Ostanin, S.Yu. *see* Nikanorov, V.B. 9196
Ostanin, S.Yu. *see* Nikanorov, V.B. 19699
Ostanin, S.Yu. *see* Nikanorov, V.B. 29267
Ostanin, S.Yu. *see* Pikanorov, V.V. 19698
Ostapenko, O.S. Choosing grids in cubature formulas for evaluation of integrals for a class of functions of two variables 30623
Ostapenko, V.A. *see* Kruchinskii, N.G. 49768
Ostashev, V.E., Fortov, V.E. Summary of HEDRC-IVTAN railgun investigations 33903
Osteaux, M. *see* Peeters, F. 18280
O'Steen, M.L. *see* Bandic, Z.Z. 52618
O'Steen, M.L. *see* Goldman, R.S. 12430
Osten, H.J., Endisch, D., Bugiel, E., Dietrich, B., Fischer, G.G., Myeongcheol Kim, Kruger, D., Zaumseil, P. Strain relaxation in tensile-strained $Si_{1-y}C_y$ layers on Si(001) 22280
Osten, H.J., Myeongcheol Kim, Pressel, K., Zaumseil, P. Substitutional versus interstitial carbon incorporation during pseudomorphic growth of $Si_{1-y}C_y$ on Si(001) 757
Osten, H.J. *see* Kim, M. 2191
Osten, H.J. *see* Kim, M. 30788
Osten, H.J. *see* Myeongcheol Kim 749
Osten, W., Elandaloussi, F., Juptner, W. Recognition by synthesis–a new approach for the recognition of material faults in HNDE 30358
Osten, W., Nadeborn, W., Andra, P. General hierarchical approach in absolute phase measurement 35231
Osten, W. *see* Andra, P. 4145
Ostendorf, M., Singer, H. HMM topology design using maximum likelihood successive state splitting 56366
Ostendorf, M. *see* Bacchiani, M. 15031
Ostendorf, M. *see* Ronen, O. 15003
Ostendorf, M. *see* Singer, H. 15066
Oster, A. *see* Knauer, A. 40357
Oster, H.S., Rudy, Y. Regional regularization of the electrocardiographic inverse problem: a model study using spherical geometry 28356
Oster, L. *see* Satinger, D. 44218
Osterbacka, R. *see* Pal, A.J. 44291
Osterberg, U.L. *see* Huabei Jiang 37656
Osterbo, O. *see* Andreassen, R. 46890
Osterburg, H. *see* Tippmann, M. 38367
Ostergard, T. *see* Pal, A.J. 33307
Osterholt, A., Hetkamp, H., Schindler, J., Wikinger, C. Digital secondary technology for high-voltage switchgear 9421
Osterle, W. *see* Klein, A. 22446
Osterman, M. *see* Rosman, M. 31587
Osterman, S.N., Rottman, G.J., Hassler, D.M., McClintock, W.E., Lawrence, G.M. Comparison of the imaging characteristics of curved-channel and straight-channel microchannel plates 36697
Osterman, T. *see* Kaiser, F. 50339
Ostermann, A. *see* Lubich, C. 21172
Ostermann, J. *see* Kampmann, M. 56671
Ostermann, T. *see* Hagelauer, R. 31193
Ostermayer, M., Heuer, A., Watermann, V., Menzel, R. Single-rod Nd:laser with phase-conjugating SBS-mirror and large-transversal-mode for average output powers above 20 Watts 30190
Osterried, K. *see* Stock, H.-J. 55377
Osterwald, C.R., Anevsky, S., Barua, A.K., Dubard, J., Emery, K., King, D., Metzdorf, J., Nagamine, F., Shimokawa, R., Udayakumar, N., Wang, Y.X., Wittchen, T., Zaaiman, W., Zastrow, A., Zhang, J. Results of the PEP'93 intercomparison of reference cell calibrations and newer technology performance measurements 39167
Osterwald, F., Lang, K.-D., Reichl, H. Increasing bond quality by ultrasonic vibration monitoring 53834
Osterweil, L.J. *see* Naumovich, G.N. 5852
Osterwinter, H. *see* Kripesh, V. 1842
Osterwinter, H. *see* Kripesh, V.P. 22077
Osterziel, K. *see* Voss, A. 49596
Ostgren, L. The submerged arc welding process 30198
Ostheimer, V., Jost, A., Filz, T., Lauer, S., Wolf, H., Wichert, T. Atomic configurations of group V acceptors in ZnSe, ZnTe, and CdTe 12214
Ostling, D., Engan, H.E. Polarization-selective mode coupling in two-mode Hi-Bi fibers 33018
Ostling, M., Lundberg, N. Low ohmic cobalt silicide contacts to p-type 6H-SiC 2260
Ostling, M. *see* Lundberg, N. 2251
Ostling, M. *see* Mouroux, A. 42690
Ostmann, A., Motulla, G., Kloeser, J., Zakel, E., Reichl, H. Low cost techniques for flip chip soldering 22085
Ostmann, A. *see* Aschenbrenner, R. 30260
Ostmann, A. *see* Jung, E. 12010
Ostmann, A. *see* Jung, E. 20910
Ostmann, A. *see* Kloeser, J. 12009
Ostmann, A. *see* Kloeser, J. 53829
Ostner, H. *see* Schmidhammer, E. 34340
Ostojic, D. *see* Adam, A. 37280
Ostre, C. *see* Flores-Guevara, R. 18405
Ostrin, G.Ya. *see* Karpov, V.Yu. 30991
Ostroff, J.S. A visual toolset for the design of real-time discrete-event systems 60507
Ostrogorsky, A.G. *see* Bhat, I.B. 20077
Ostrogorsky, A.G. *see* Meyer, S. 10648
Ostrogorsky, A.G. *see* Meyer, S. 30732
Ostromogilsky, M. *see* Wojcik, G. 28420
Ostroumov, P.N. *see* Esin, S.K. 37020
Ostroumov, P.N. *see* Esin, S.K. 37133
Ostroumov, P.N. *see* Esin, S.K. 37208
Ostroumov, P.N. *see* Feschenko, A.V. 37134
Ostroumov, V.G., Heine, F., Kuck, S., Huber, G., Mikhailov, V.A., Shcherbakov, L.A. High-power intracavity frequency-doubled diode-pumped Nd:$LaSc_3(BO_3)_4$ sandwich laser 3801
Ostroumov, V.G., Heine, F., Kueck, S., Huber, G., Mikhailov, V.A., Shcherbakov, I.A. Intracavity frequency-doubled diode-pumped Nd:$LaSc_3(BO_3)_4$ lasers 55897
Ostroumov, V.G. *see* Kretschmann, H.M. 55573
Ostroumov, V.G. *see* Lagatskii, A.A. 44403
Ostroumov, V.G. *see* Mikhailov, V.A. 44402
Ostrovskaya, E.A. *see* Akhmediev, N.N. 4054
Ostrovskaya, E.A. *see* Akhmediev, N.N. 55857
Ostrovskii, E.I. *see* Bobrov, P.B. 45895
Ostrovskii, M.A. Generalization of the problem of optimal detection of signals in the presence of non-Gaussian passive clutter 4718
Ostrovskii, Yu.P. PLANIKS disk valve prostheses 49786
Ostrovsky, A.O. *see* Markov, P.I. 12116

Ostrovsky, A.S., Ramos-Romero, O., Rodriguez-Solis, M.V. Coherent-mode representation of partially coherent imagery 35268
Ostrovsky, R. *see* Kushilevitz, E. 35374
Ostrowska-Nawarycz, L. *see* Nawarycz, T. 59614
Ostrowski, M. Efficient transmission of integrated voice and data in wireless networks 6547
Ostrowski, M., Coutts, R. Interdomain security issues for IN based services 26306
Ostrowsky, D.B. Genesis of silicon-based guided-wave optics 3415
Ostrowsky, D.B. *see* Baldi, P. 44689
Ostrowsky, D.B. *see* Tartarini, G. 55282
Ostrowsky, D.B. *see* Thyagarajan, K. 4321
Ostrwoski, K.W. *see* Bednarek, B. 28018
Ostuni, J., Dunn, S. Measuring registration potential in planar transmission images 59488
Ostwald, P.M., Kron, T., Hamilton, C.S. Assessment of mucosal underdosing in larynx irradiation 37861
Osuch, S. *see* Popkiewicz, M. 49345
Osugi, Y., Minemoto, T. Increase the size of $Bi_{12}SiO_{20}$ real-time hologram for three-dimensional display 33747
Osugi, Y. *see* Minemoto, T. 35269
Osuhivs'ka, H., Kyslak, I. Random processes statistic application for cardiosignals characteristics determination 49644
Osuka, A. *see* Terazima, M. 44684
O'Sullivan, D. *see* Dittrich, A. 57732
O'Sullivan, D.M. *see* van Dijk, K. 37971
O'Sullivan, E., Kawaguchi, M., Shimoda, A. A new auto-lock circuit concept guaranteeing low jitter in PLL frequency synthesizers irrespective of process variations 21515
O'Sullivan, E. *see* LaBlanca, N.C. 43380
O'Sullivan, E.J. *see* Burghartz, J.N. 41518
O'Sullivan, E.J.M. *see* Acosta, R.E. 38760
O'Sullivan, G., Hegarty, J., Kakizaki, S., Kelly, B., McCabe, E. A fully optically addressable connected component detector in CMOS 31438
O'Sullivan, J. *see* Ross, M. 47165
O'Sullivan, J.A., Agrawal, D., Indeck, R.S., Muller, M.W. Signal precompensation for multiplicative noise in magnetic recording 32873
O'Sullivan, J.A. *see* Jacobs, S.P. 26942
O'Sullivan, J.A. *see* Miller, M.I. 27068
O'Sullivan, M. *see* Hui, R. 33037
O'Sullivan, P.F., Hussey, C.D. Truly wavelength-flattened monolithic couplers 33031
O'Sullivan, R.A., McGregor, K.W., Cianci, S., Sacca, R., Wilksch, P.A., Scott, J.F. Temperature profile during spontaneous aperiodic optical bistability oscillations in lead magnesium niobate 4015
Osumi, H., Miyashita, T., Umeda, K., Kinoshita, G. Sensing of contact point between a grasped object and environment by tactile behavior of a parallel two-fingered hand 27928
Osvath, I. *see* Povinec, P.P. 18928
Oswal, S. *see* Ray, S.K. 43057
Oswald, G. *see* Bergmann, R. 20043
Oswald, H. *see* Wahle, A. 35754
Oswald, H. *see* Wegner, S. 8044
Oswald, H. *see* Wegner, S. 59553
Oswald, J., Heigl, G., Span, G., Homer, A., Ganitzer, P., Maude, D.K., Portal, J.C. Conductance fluctuations in PbTe wide parabolic quantum wells 12486
Oswald, J., Span, G., Homer, A., Heigl, G., Ganitzer, P., Maude, D.K., Portal, J.C. Anomalous magnetotransport in wide quantum wells 54211
Oswald, J. *see* Byczynski, G.E. 10932
Oswald, P. Intergrid transfer operators and multilevel preconditioners for nonconforming discretizations 40253
Oswin, J.R. Ceramic requirements for high power deep-going class IV flextensional transducers 50244
Oswin, J.R. *see* Francis, D.T.I. 43595
Ota, H., Fujieda, S., Okuyama, T., Yoshizumi, A. A new encapsulating method for semiconductor devices using resin sheets 10081
Ota, H., Inoue, T., Ito, H., Fukushima, N., Omata, K., Morita, K., Kokai, Y. Development of transient stability controller system (TSC) based on on-line stability calculation 38293
Ota, H., Sakai, K., Mori, Z., Aoki, R. Formation of phase intergrowth in the syntheses of bi-superconducting thin films 40550
Ota, K., Motohira, N., Kobayasi, M., Baek-Un Kim, Kamiya, N., Yokokawa, H. High temperature corrosion of Cr with the presence of molten carbonate [fuel cells] 51503
Ota, K., Ominato, T., Onuma, T. Circuit design proposal aiming at higher flexural reliability 11862
Ota, K. *see* Henderson, S.W. 36263
Ota, K. *see* Kamada, T. 36308
Ota, K. *see* Nakakura, Y. 48218
Ota, K. *see* Okubo, H. 23212
Ota, K. *see* Okubo, H. 23213
Ota, M. *see* Kasahara, K. 2859
Ota, M. *see* Minami, K. 22181
Ota, S.B. *see* Bose, M. 7289
Ota, T., Yamamoto, I., Ohnishi, H., Yuh, I., Kigami, Y., Suzuki, T., Yamamura, Y., Murata, K., Morita, R. Three-dimensional bone scintigraphy using volume-rendering technique and SPECT 7910
Ota, T. *see* Drezek, R. 59530
Ota, T. *see* Watanabe, T. 55207
Ota, Y., Swartz, R.G., Schafer, J.S., Banu, M.M., Dunlop, A.E., Fischer, W.C., Gabara, T.J. Low cost, low power digital optical receiver module for 50 Mb/s passive optical network 58348
Ota, Y., Wilamowski, B.M. CMOS implementation of a pulse-coded neural network with a current controlled oscillator 1663
Ota, Y., Wilarnowski, B.M. Current-mode CMOS implementation of a fuzzy min-max network 53506
Ota, Y. *see* Frigo, N.J. 16762
Ota, Y. *see* Morimoto, S. 41474
Ota, Y. *see* Nishitsuji, M. 2727
Ota, Y. *see* Sato-Iwanaga, J. 43142
Otaduy, P.J. *see* Hsu, J.S. 29339
Otagaki, T. *see* Ishikawa, K. 48689
Otaka, M. *see* Maeda, N. 52878
Otaka, S., Tanimoto, H., Watanabe, S., Maeda, T. A 1.9 GHz Si-bipolar variable attenuator for PHS transmitter 26603
Otake, K. *see* Matsuoka, H. 61306
Otake, T., Fukuda, K., Kawanaka, A. Wavelet packet image coding with consideration of the self-similarities by zerotree structure 46082
Otake, T., Sikina, C., Komuro, K., Ishiguro, S., Takeda, H., Kikuchi, Y. TV transmitter PCU-1100/PCN-1600 with digital signal processing technology 17041
Otake, T. *see* Hongo, H. 43165
Otaki, H. *see* Yamakoshi, Y. 18343
Otani, C. *see* Yamashita, A. 59364
Otani, H., Kitayama, Y., Higashi, K., Yagi, Y., Tsukahara, N., Yamamoto, A., Ichihara, M. Stud bump bonding technology for mass-production 53842
Otani, M. *see* Yubazaki, N. 21712
Otani, S., Ishizawa, Y. Thermionic emission properties of boron-rich LaB_6 and CeB_6 crystal cathodes 41746
Otani, S., Kiguchi, S., Mitani, T., Waki, K., Kashiba, Y., Araki, T. Compact sensors for engine control 9704
Otani, S. *see* Yu, H.A. 3604
Otani, S. *see* Yu, H.A. 29629
Otani, T., Goto, K., Kawazawa, T., Abe, H., Tanaka, M. Effect of span loss increase on the optically amplified communication system 58399
Otani, T., Goto, K., Kawazawa, T., Wakabayashi, H. Wavelength demultiplexer for sub-nm channel optical amplifier WDM system 36165
Otani, T., Kawazawa, T., Goto, K., Takeda, N., Akiba, S. 16 channel 2.5 Gbit/s WDM transmission experiment over 9000 km by using gain equalised amplifier repeaters 36125
Otani, T. *see* Ebihara, K. 19467
Otani, Y., Okuhara, N., Yoshizawa, T. Nonoptical surface measurement by oblique incidence interferometry 36912
Otani, Y., Yoshizawa, T. Measurement of two-dimensional birefringence distribution for laser materials 59063
Otani, Y. *see* Fujiwara, H. 48909
Otani, Y. *see* Oda, I. 55909
Otawa, H., Kawai, H., Sato, Y., Tamura, S., Yanagida, M., Mitsumoto, H. Three-dimensional object imaging in water by neural network and multi-element ultrasound transducer 7946
Otazo, M.R. *see* Plant, D.V. 13894
Otazu, X. *see* Nunez, J. 35366
Oteiza, E.R. *see* Stoner, R.E. 3675
Oteiza, E.R. *see* Walsworth, R.L. 44324
Otero, A. *see* Cabanas, M.F. 50999
Otero, M.F., Rojas, R.G. EM scattering from a complex material cylinder in the presence of an impedance wedge 33969
Otero, S. *see* de la Fuente, R. 24257
Otero, T.F., Sansinena, J.M. Artificial muscles: influence of electrolyte concentration on bilayer movement 10975
Othman, A.T. *see* Mustafa, M.S. 402
Othman, H.A. *see* Taranto, G.N. 38278
Othman, M.B. *see* Suzuki, H. 816
Othonos, A., Mandelis, A., Nestoros, M., Christofides, C. Laser photothermal diagnostics of genuine and counterfeit British and United States banknotes 46453
Othonos, A. *see* Bismuth, J. 36111
Oti, J.O. *see* Cross, R.W. 13473
Otieno, F.O., Kola, B.O., Onyango, F.N. On-line determination of thermophysical properties in an absorption calorimeter 48364
Otis, C. *see* Williamson, D. 2544
Oto, K., Takaoka, S., Murase, K. Bulk conductivity at quantum Hall plateaux by magnetocapacitance measurement 12476
Oto, K., Takaoka, S., Murase, K. Ballistic scattering length in the parallel magnetic field in GaAs/AlGaAs heterostructure 54174
Otoba, K. *see* Itoh, K. 9169
Otoba, K. *see* Kawada, M. 60642
Otoba, K. *see* Nitta, T. 28723
Otobe, K. *see* Shiga, N. 53625
Otomo, S., Yamashita, T., Kumasaka, N. A cross-type amorphous video head 3220
Oton, J.M. *see* Rodrigo, C. 48768
O'Toole, B.E. Real-time infrared scene simulator (RISS) 28514
Otooni, M.K., Brown, I.G., Anders, S., Wang, Z. Nanoscale/multilayer gradient materials for application in the electromagnetic gun systems 10926
Otoshi, T. *see* Vacchione, J. 34326
Otsu, M. *see* Mori, K. 43714
Otsu, Y. *see* Nakashima, T. 21946
Otsu, Y. *see* Yamasa, Y. 34484
Otsubo, K. *see* Shoji, H. 23968
Otsubo, M., Shimono, Y., Hikami, T., Honda, C., Ito, K. Influence of the humidity on leakage current under accelerated aging of polymer insulating materials 2970
Otsubo, M. *see* Kitano, T. 43130
Otsubo, M. *see* Nakayama, H. 28874
Otsubo, M. *see* Yamamoto, K. 16628
Otsubo, M. *see* Yamamoto, K. 21944
Otsubo, T. *see* Furukawa, H. 23935
Otsubo, Y. *see* Yokota, S. 38758
Otsuji, T., Murata, K., Tokumitsu, M., Sugitani, S. 32 Gbit/s super-dynamic decision IC using 0.13 μm GaAs MESFETs with multilayer-interconnection structure 43340
Otsuji, T., Sano, E., Imai, Y., Enoki, T. 40-Gbit/s ICs for future lightwave communications systems 36179
Otsuji, T., Yaita, M., Nagatsuma, T., Sano, E. 10-80-Gb/s highly extinctive electrooptic pulse pattern generation 55310
Otsuji, T., Yoneyama, M., Murata, K., Sano, E. A super-dynamic flip-flop circuit for broadband applications up to 24 Gbit/s utilizing production-level 0.2-μm GaAs MESFETs 31210
Otsuji, T. *see* Takeuchi, H. 55290
Otsuji, T. *see* Tokumitsu, M. 43143
Otsuka, E. Investigation of II-VI semiconductors through cyclotron resonance 54086
Otsuka, H. *see* Lee, Y. 11220
Otsuka, K., Jyh-Long Chern, Jiann-Shing Lih Experimental suppression of chaos in a modulated multimode laser 55554
Otsuka, K., Nakamura, T., Jing-Yi Wang, Jyh-Long Chern Chaotic itinerancy in antiphase intracavity second-harmonic generation 24186
Otsuka, K. *see* Miyata, H. 16724
Otsuka, M. *see* Ohwaki, J. 33253
Otsuka, M. *see* Shibata, T. 43365
Otsuka, N. *see* Takenaka, N. 48014
Otsuka, T., Ohya, J. Recognition of facial expressions using HMM with continuous output probabilities 25788
Otsuki, A. *see* Furumai, M. 12548
Otsuki, A. *see* Koide, Y. 12517
Otsuki, H. *see* Okano, H. 26916
Otsuki, S., Sampe, S., Morinaga, N. Performance of adaptive modulation systems with base station controlled transmission and reception diversity scheme 47745
Otsuki, T. *see* Fukushima, T. 1475
Otsuki, T. *see* Koike, H. 2999
Otsuki, T. *see* Shimada, Y. 2984
Otsuta, K. *see* Yoshihashi, M. 20240
Ott, A.K., Casey, S.M., Alstrin, A.L., Leone, S.R. Chemistry of arsenic incorporation during GaAs/GaAs(100) molecular beam epitaxy probed by simultaneous laser flux monitoring and reflection high-energy electron diffraction 52688
Ott, A.W., McCarley, K.C., Klaus, J.W., Way, J.D., George, S.M. Atomic layer controlled deposition of Al_2O_3 films using binary reaction sequence chemistry 10876
Ott, A.W. *see* Klaus, J.W. 40554
Ott, E. *see* Hunt, B.R. 24883
Ott, G.W., Jr. *see* Hsu, J.S. 29241
Ott, H. *see* Bunse, S. 16122
Ott, H. *see* Feldle, H.-P. 27021
Ott, H.R. *see* Brawner, D.A. 43826
Ott, J. *see* Dubbelday, W.B. 43258
Ott, L. *see* Hye-Sook Park 58842
Ott, P. A compact optical processor for Hough and frequency domain features 34997
Ott, R.H. A line-of-sight propagation model for calculating atmospheric, sea, terrain multipath, and clutter at microwave frequencies 56042
Ott, S. *see* Cesarsky, C.J. 36548
Ottaviani, G. *see* Sassella, A. 30915
Ottaviani, G. *see* Tonini, R. 54385
Ottaviani, P.L. *see* Ciocci, F. 24032
Ottaviano, G.M. *see* Manara, G. 33943
Otte, D. *see* Carniel, X. 59025
Otten, E.W. *see* Surkau, R. 37093
Otten, J.A.M. Measuring and modeling of series resistance in submicron MOSFETs 2682
Otten, J.A.M. *see* Rudan, M. 12852
Otten, L.J. *see* Portigal, F.P. 18948
Otten, R.H.J.M., Van Ginneken, L.P.P.P., Shenoy, N.V. Speed; New paradigms in design for performance 11130
Ottensmeyer, J., Martini, P. Improving the demand-priority protocol 46798
Ottenwaelder, D., Frankowsky, G., Gfroerer, O., Hangleiter, A., Scholz, F. Control of monolayer terrace formation in selective epitaxy 52654
Ottenwaelder, D. *see* Geiger, M. 30784
Ottenwaelder, D. *see* Jian Wang 14143
Ottenwalder, D. *see* Griesinger, U.A. 23962
Ottenwalder, D. *see* Knorr, C. 22332
Ottenwalder, D. *see* Konig, P. 3459
Otter, M. *see* Vassallo, E. 47840
Otterman, J. *see* Brakke, T.W. 8537
Otterstedt, J., Kuboschek, M., Castagne, J., Mucha, J. A 16.6 cm^2 large area integrated circuit consisting of 9 video signal processors 21740
Otterstedt, J. *see* Nordholz, P. 21684

Otterstedt, J. *see* Schroder, H. 21739
Ottersten, B. Array processing for wireless communications 6511
Ottersten, B. *see* Kristensson, M. 25821
Ottersten, B. *see* Stoica, P. 24923
Ottersten, B. *see* Stoica, P. 25128
Ottersten, B. *see* Viberg, M. 45943
Ottesen, G.E. *see* Runde, M. 9432
Ottinger, P. *see* Kortbawi, D. 19892
Otto, B. *see* Henneberger, G. 51693
Otto, C.M. *see* Martin, R.W. 28128
Otto, C.M. *see* Xiang-Ning Li 28127
Otto, G.P., Palmer, D.A., Tran, J.-M., Spivey, B.A., Clark, S. Image processing techniques for digital breast imaging 37702
Otto, G.P. *see* Andre, M.P. 37726
Otto, J. *see* Wamser, J. 58645
Otto, J.W. A facility for high-pressure X-ray diffraction at HASYLAB 37579
Otto, K. Analysis of preconditioners for hyperbolic partial differential equations 21141
Otto, K.W. *see* Jager, G. 60458
Otto, R. *see* Schau, H. 20261
Otto, R.G. *see* Targ, R. 27088
Ottoboni, R. *see* Brandolini, A. 58687
Ottonello, P. *see* Costa, S. 18146
Ottoson, L. *see* Emery, K. 39169
Ottosson, T. *see* Skoglund, M. 4478
Ottova-Leitmannova, A., Tvarozek, V., Hianik, T., Zhou, T.-A., Ziegler, W., Tien, H.T. Self-assembled and supported BLMs as an adaptive material for biotechnology 7438
Otuka, H. *see* Suzuki, A. 11941
Otung, I.E. Prediction of tropospheric amplitude scintillation on a satellite link 16648
Otunta, F.O., Ikhile, M.O.N. Stability and convergence of a class of variable order non-linear one-step rational integrators of initial value problems in ordinary differential equations 21167
Ou, H.J. *see* Kun Liu 54078
Ou, S.S. Reactive ion etching of GaSb and GaAlSb using $SiCl_4$ 2331
Ou Hai-Jiang *see* Hai-Jiang Ou
Ou Mao *see* Jun Yang 43623
Ouadou, M. *see* Rajouani, A. 4586
Ouahabi, A. *see* Kouame, D. 45988
Ouahabi, A. *see* Kouame, D. 56517
Ouaissa, K., Khalfaoui, M., Bellanger, M. Combining speech coders and entropy coders to reduce the bit rate in the compression of speech 24853
Ouali, M., Kamoun, M.B.A. Field-oriented control induction machine and control by sliding mode 38732
Ouali, M.H., Lange, H., Laurgeau, C.I. An energy minimization approach to dense stereovision 57449
Oualid, J. *see* Claverie, I. 12884
Ouboter, R.de Bruyn *see* de Bruyn Ouboter, R.
Ouchi, A. *see* Tani, T. 37839
Ouchi, K. *see* Oka, T. 31496
Ouchi, K. *see* Oka, T. 41447
O'Uchi, T. *see* Korogi, Y. 59489
Ouchi, Y. *see* Kimura, S. 53907
Oudar, J.L. *see* Jeannes, F. 24109
Oudar, J.L. *see* Jeannes, F. 24133
Oudar, J.L. *see* Jeannes, F. 33667
Oudar, J.L. *see* Kohl, A. 55751
Oudar, J.L. *see* Koppa, P. 14275
Ouden, F.van den *see* van den Ouden, F.
Oudot, G., Soldermann, R. SIPA N4 engineering simulator 8999
Oueidat, M., Sadarnac, D. Multiple feedback loop control strategy for UPS system having active filter ability 51292
Ouellet, L., Tremblay, Y., Gagnon, G., Caron, M., Currie, J.F., Gujrathi, S.C., Biberger, M. Effect of the Ti/TiN bilayer barrier and its surface treatment on the reliability of a Ti/TiN/AlSiCu/TiN contact metallization 22611
Ouellet, L., Tremblay, Y., Gagnon, G., Caron, M., Currie, J.F., Gujrathi, S.C., Biberger, M. The effect of the Ti glue layer in an integrated Ti/TiN/Ti/AlSiCu/TiN contact metallization process 54522
Ouellete, F. *see* Psaila, D.C. 23471
Ouellette, F., Krug, P.A. Chirped fiber gratings and their applications 16681
Ouellette, F. *see* Martin, J. 13593
Ouentin, P. *see* Mercouroff, N. 26314
Oueslati, M. *see* Bessais, B. 12207
Ougazzaden, A., Devaux, F. Strained InGaAsP/InGaAsP/InAsP multi-quantum well structure for polarization insensitive electroabsorption modulator with high power saturation 13707
Ougazzaden, A., Devaux, F., Rao, E.V.K., Silvestre, L., Patriarche, G. 1.3 μm strain-compensated InAsP/InGaP electroabsorption modulator structure grown by atmospheric pressure metal-organic vapor epitaxy 21232
Ougazzaden, A. *see* Bouadma, N. 3904
Ougazzaden, A. *see* Bouchoule, S. 55640
Ougazzaden, A. *see* Delorme, F. 33505
Ougazzaden, A. *see* Delprat, D. 3810
Ougazzaden, A. *see* Delprat, D. 23944
Ougazzaden, A. *see* Jeannes, F. 24133
Ougazzaden, A. *see* Jeannes, F. 33667
Ougazzaden, A. *see* Mircea, A. 40488
Ougazzaden, A. *see* Ramdane, A. 26813
Ougazzaden, A. *see* Ramdane, A. 44488
Ougazzaden, A. *see* Sigogne, D. 14157
Ougazzaden, A. *see* Silvestre, L. 52645
Ougazzaden, A. *see* Talneau, A. 55614
Ougazzaden, A. *see* Zimmermann, G. 52646
Oughton, D.H. Ethical values in radiological protection 18577
Oughton, G. Is your UPS surge-proof? 9373
Ougier, C. *see* Talneau, A. 24290
Ouhayoun, E. *see* Gantet, P. 37618
Ouimet, G., Rath, D.L., Cohen, S.L., Fisch, E.E., Gale, G.W. Defect reduction and cost savings through re-inventing RCA cleans 32223
Ouimet, S. *see* Hisada, T. 20925
Ouisse, T. *see* Anghel, L. 42938
Ouisse, T. *see* Bano, E. 32406
Oukhanov, M. *see* Alexeev, G. 59200
Oukit, A., Pierre, R. Mixed finite element for the linear plate problem: The Hermann-Miyoshi model revisited 662
Ouladdiaf, B. *see* Wenk, H.-R. 32892
Ould Bouamama, B. *see* Rimaux, S. 60510
Oumori, M. *see* Yasutake, M. 338
Ounadjela, K. *see* Louail, L. 55043
Ounadjela, K. *see* Piraux, L. 43635
Oung, H. *see* Forsberg, F. 28190
Oura, N. *see* Takagi, M. 13393
O'ura, S. *see* Kadoi, A. 29750
Ourak, M. *see* Xu, W.-J. 52905
Ouroua, A. *see* Santoso, S. 34799
Ouslim, M., Curtis, K.M. Automatic visual inspection based upon a variant of the n-tuple technique 1759
Ousset, J.C. *see* Postava, K. 32801
Ousten, Y. *see* Deletage, J.-Y. 30264
Oustric, M. *see* Viktorovitch, P. 13018
Outka, D.A. *see* Schulberg, M.T. 10850
Outsios, S. *see* Passas, N.I. 26503
Outzourhit, A. *see* Debbagh, F. 917
Ouvrier-Buffet, P. *see* Ghis, A. 53081
Ouyang, C. *see* Maly, W. 32512
Ouyang, C.H., Pleskacz, W.A., Maly, W. Extraction of critical areas for opens in large VLSI circuits 32534
Ouyang, G. *see* Arcasoy, C.C. 34725
Ouyang, T., Nilsson, A.A. Departure process analysis for periodic real-time loss-insensitive traffic of an ATM service multiplexer in the NCIH 47204
Ouyang Deli A lower range alloy thin film pressure sensor 58704
Ouyang Min *see* Wang Kezhi 32097
Ovacik, I.M., Uzsoy, R. Decomposition methods for scheduling semiconductor testing facilities 52176
Ovadia, S., Chinlon Lin, Anderson, W.T., Hongxing Dai Performance of hybrid multichannel AM/256-QAM video lightwave transmission systems 16757
Ovadia, S. *see* Hongxing Dai 16704
Ovadia, S. *see* Hongxing Dai 36086
Ovari, T.A. *see* Chiriac, H. 3088
Ovari, T.A. *see* Chiriac, H. 32799
Ovari, T.A. *see* Hristoforou, E. 3036
Ovaska, S.J. *see* Kauraniemi, J. 15360
Ovaska, S.J. *see* Vainio, O. 1555
Ovaska, S.J. *see* Vainio, O. 45885
Ovchinnikov, A. *see* Nabelek, A.K. 34649
Ovchinnikov, A.L., Tagirov, Sh.F., Potapov, R.V. Synthesis of systems for measuring vibration fields 17803
Ovchinnikov, A.L. *see* Sherbakov, T.F. 18430
Ovchinnikov, I.V. *see* Cherkasov, F.G. 48845
Ovchinnikov, V. *see* Al'shina, A. 27937
Ovechkin, R.P. *see* Aulchenko, V.M. 37250
Ovegard, A., Lundberg, G., Hagerman, B., Gabrielsson, A., Bengtsson, M., Brandstrom, U. Sound quality judgement during acclimatization of hearing aid 59787
Oveissi, M. *see* Lu, G.B. 20495
Oven, R. *see* Batchelor, S. 3400
Over, H., Wasserfall, J., Ranke, W., Ambiatello, C., Sawitzki, R., Wolf, D., Moritz, W. Surface atomic geometry of Si(001)-(2×1): a low-energy electron-diffraction structure analysis 41864
Overbeck, J.A. *see* Richmond, R. 8673
Overbeeke, K. *see* Gaver, W.W. 47377
Overbye, T.J., Gross, G., Laufenberg, M.J., Sauer, P.W. Visualizing power system operations in an open market 28782
Overbye, T.J. *see* Klump, R.P. 50503
Overchenko, D.V. *see* Novikov, N.N. 39944
Overdorf, R.L. Technology insertion and reuse in the development of research simulators 8711
Overhof, H. *see* Bracht, H. 42387
Overloop, J.Van *see* Van Overloop, J.
Overloop, P.J.v. *see* v. Overloop, P.J.
Overly, M.R. Negotiating a Web site agreement 57934
Overmars, M. *see* van de Kraats, B. 41598
Overney, R.M. *see* Sokolov, N.S. 12571
Overoye, K. *see* Aumann, H.H. 38065
Overrocker, D. *see* Quine, J.P. 48856
Overstraeten, R.Van *see* Van Overstraeten, R.
Overstreet, C.M. *see* Maly, K. 39623
Overton, E. *see* Hammoud, A. 51443
Overton, G. Development of a NiCd battery behavioural model 51452
Overton, R.H., Samms, R.W. Real-time determination of tactical information requirements 60138
Ovey, J. *see* Rahal, A. 41488
Ovryn, B., Andrews, J.H., Eppell, S.J., Khaydarov, J. Phase-shifted, real-time, laser feedback interferometry 33780
Ovseevich, I. *see* Bassalygo, L. 45492
Ovshinsky, H. *see* Ellison, T. 51591
Ovshinsky, H.C. *see* Izu, M. 39180
Ovshinsky, S.R. *see* Ellison, T. 51591
Ovshinsky, S.R. *see* Izu, M. 39180
Ovsyannikov, E.Y. *see* Kamuz, A.M. 3444
Ovsyannikov, O., Senyk, T. Evaluation of periodic Green function and its derivations by interpolation polynomial in diffraction problems 45102
Ovsyannikov, O. *see* Nazarchuk, Z. 24433
Ovsyannikov, O.I. The numerical method of scalar scattering problem solution 45023
Ovsyannikov, V.P. *see* Govorov, A.N. 37159
Ovsyannikov, V.P. *see* Kalagin, I.V. 49301
Ovsyuk, V.N., Studenikin, K.A., Suslyakov, I., Talipov, N.Kh., Vasil'ev, V.V., Zahar'yash, T.I., Sidorov, Yu.G., Dvoretsky, S.A., Mikhaylov, M.N., Veravin, V.S. Fabrication and characteristics of long-wavelength infrared planar photodiodes on molecular beam epitaxial p-HgCdTe films 17374
Ovsyuk, V.N., Suslyakov, A.O., Zakharyash, T.I., Studenikin, S.A., Vasilyev, V.V., Sidorov, Yu.G., Dvoretsky, S.A., Varavin, V.S., Mikhailov, N.N., Liberman, V. Infrared photoconductors fabricated on $Hg_{1-x}Cd_xTe$ film grown by molecular beam epitaxy 17376
Ovsyuk, V.N., Suslyakov, A.O., Zakharyash, T.I., Vasilyev, V.V., Studenikin, S.A., Sidorov, Yu.G., Dvoretsky, S.A., Varavin, V.S., Mikhailov, N.N. Photoconductors based on CdHgTe films grown by molecular beam epitaxy 36562
Ovsyuk, V.N. *see* Bobylev, B.A. 42175
Ovsyuk, V.N. *see* Demyanenko, M.A. 17372
Ovsyuk, V.N. *see* Kovalevskaya, T.E. 12515
Ovsyuk, V.N. *see* Talipov, N.K. 32147
Ovsyuk, V.N. *see* Vasilyev, V.V. 36550
Ovtchinnikov, A. *see* Lourdudoss, S. 24014
Ovtchinnikov, A. *see* Nappi, J. 55671
Ovtchinnikov, A. *see* Zhang, G. 44492
Owada, N. *see* Saito, Y. 32236
Owadano, Y. *see* Okuda, I. 33366
Owadano, Y. *see* Takahashi, E. 44704
Owczarkowki, M. *see* Good, J.A. 27246
Owechko, Y. *see* Pepper, D.M. 20963
Owechko, Y. *see* Xiang-Gen Xia 4649
Owechko, Y. *see* Xiang-Gen Xia 45778
Owen, D.P. MultiSource signal generators–designing three in one 7490
Owen, E.F., Helps, C.R.G. Planning effective multimedia programs for technical education 20640
Owen, E.L. Evolution of induction motors–the ever-shrinking motor 29288
Owen, E.L. The historical development of neutral grounding practices 38422
Owen, H.L. *see* Won-Bae Park 5775
Owen, J.F. *see* Whiting, B.R. 18374
Owen, J.R. *see* Michalak, F.M. 23587
Owen, J.R. *see* Whitehead, A.H. 29567
Owen, M., Moser, D., Bleiweiss, H., Van Puymbroeck, J., Roelants, E., Mattelin, A. The introduction of UV Nd:YAG laser drilled microvias in PCB's 11908
Owen, M. *see* Freestone, D. 35577
Owen, M. *see* Stubberud, S.C. 15234
Owen, P. Quantel–the first fifteen years 58566
Owen, R., Belcher, J., Beratan, H., Frank, S. Producibility advances in hybrid uncooled infrared devices. II 17368
Owen, S.J., Jones, N.L., Holland, J.P. A comprehensive modeling environment for the simulation of groundwater flow and transport 638
Owen, V. Real-time optical immunosensors–a commercial reality 36723
Owens, A., Abbey, A.F., Brauninger, H., Burkert, W., Castelli, C., Chapman, H., Dowson, J., Li, Y., McCarthy, K.J., Pool, P., Sims, M.R., Spragg, J., Watson, D.J., Wells, A., Willingale, R. The X-ray CCDs developed for the Joint European X-Ray Telescope 18148
Owens, A., Fraser, G.W., Abbey, A.F., Holland, A., McCarthy, K., Keay, A., Wells, A. The X-ray energy response of silicon. B. Measurements 37368
Owens, A. *see* McCarthy, K.J. 37449
Owens, B.B. *see* Tipton, A.I. 19953
Owens, C. *see* Curram, S. 9027
Owens, H. *see* Rogers, E. 40753
Owens, J.G. *see* Grenfell, M.W. 52197
Owens, P.J., English, M.J. Multichannel spectral estimation of ECGs 49613
Owens, R.M. *see* Acken, K.P. 11321
Owens, R.M. *see* Bajwa, R.S. 24849
Owens, R.M. *see* Borah, M. 21733
Owens, R.M. *see* Borah, M. 22988
Owens, R.M. *see* Chakrabarti, C. 31320
Owens, R.M. *see* Gayles, E.S. 11499
Owens, R.M. *see* Mehta, H. 21756
Owens, R.M. *see* Nagendra, C. 21604
Owens, R.M. *see* Vishwanath, M. 11464
Owens, R.O. *see* MacGregor, I.J.D. 37365
Owings, H.B. *see* Peters, H.E. 17186
Owirka, G. *see* Novak, L.M. 28716
Owirka, G.J. *see* Novak, L.M. 6942
Owirka, G.J. *see* Novak, L.M. 19024
Owman, F., Hallin, C., Martensson, P., Janzen, E. Removal of polishing-induced damage from 6H-SiC(0001) substrates by hydrogen etching 12771
Owren, B. *see* Kvaerno, A. 10538

Owsley, L., Atlas, L., Bernard, G. Self-organizing feature maps with perfect organization 25223
Owsley, L. *see* Atlas, L. 34957
Owsley, N.L., Hull, A.J., Ahmed, M.H., Kassal, J. A proof-of-concept experiment for the detection of occluded coronary arteries using array sensor technology 59381
Owusu, A.A. *see* Jacunski, M.D. 12953
Owusu-Ofori, S. *see* Chen, J.C. 20611
Oxenham, M.G., Kewley, D.J., Nelson, M.J. Performance assessment of data fusion systems 25233
Oxford, R. Plasma formed microvias for future high density interconnects 333
Oxley, D. *see* Gorton, D. 35666
Oxley, M. *see* Colombi, J.M. 15129
Oxtoby, B.H. Learning as a corporate marketing strategy 20754
Oyabe, M. *see* Yanagisawa, Y. 38339
Oyabu, T., Matsuura, Y., Kimura, H. Identification for gaseous indoor air-pollutants using NDV 36965
Oyadiji, S.O. Characterisation of the complex shear modulus properties of electro-rheological fluids by the direct stiffness and master curve techniques 983
Oyadiji, S.O. *see* Feroz, K.T. 7303
Oyama, A.N. *see* Tokuzawa, T. 36863
Oyama, J., Abe, T., Higuchi, T., Yamada, E., Shibahara, K. Position sensor-less control of a half-wave rectified brushless synchronous motor 60694
Oyama, J. *see* Higuchi, T. 50957
Oyama, J. *see* Higuchi, T. 60692
Oyama, K.-i. *see* Ohkawa, M. 1330
Oyama, N., Mase, A., Tokuzawa, T., Imamura, K., Itakura, A., Tamano, T., Harada, Y., Mizuno, K. Millimeter-wave two-dimensional imaging array for the GAMMA 10 tandem mirror 36866
Oyama, N., Tatsuma, T., Sotomura, T. Dimercaptan-polyaniline/lithium rechargeable batteries with high energy density 9488
Oyama, N. *see* Okuno, A. 52239
Oyama, N. *see* Sotomura, T. 19960
Oyama, T. A study on pricing strategy in deregulated power system 38266
Oyama, T. *see* Harada, Y. 60181
Oyama, T. *see* Seki, J. 49536
Oyama, Y., Izawa, N., Ogawa, T. Growth of BaB_2O_4 crystals by the flux method 52600
Oyama, Y., Kanai, T., Niijima, H. Scan design oriented test technique for VLSI's using ATE 41017
Oyama, Y. *see* Liu, Y.X. 12887
Oyama, Y. *see* Noda, K. 54984
Oyamada, M. *see* Kato, R. 18014
Oyamada, M. *see* Shibata, Y. 20221
Oyamada, M. *see* Watanabe, K. 49212
Oyamatsu, H., Kinugawa, M., kakumi, M. Design methodology of deep submicron CMOS devices for 1 V operation 22962
Oyamatsu, H. *see* Akasaka, Y. 2429
Oyamatsu, H. *see* Igarashi, H. 2798
Oyanagi, H. *see* Yamada, A. 31924
Oyanagi, Y. *see* Suda, R. 52987
Oyang, J. *see* Arisaka, K. 37239
Oyang, J. *see* Arisaka, K. 37460
Oyen, M.P.Van *see* Van Oyen, M.P.
Oygard, K.A. *see* Odegard, O. 47187
Oyman, E.I., Ersoy, C. Multipoint communication in multimedia applications 47337
Oyoshi, T. *see* Kawasaki, R. 14606
Oyrer, R. *see* Wordel, R. 18155
Oytana, C. *see* Manceau, J.-F. 17808
Oz, J., Heyman, E. Modal solution to the plane wave two-frequency mutual coherence function in random media 14598
Oz, J., Heyman, E. Modal theory for the two-frequency mutual coherence function in random media 34021
Oz, M., Hakun, S., Honig, M. End-launch wide-bandwidth metallic notch antenna element 34425
Ozaki, H. *see* Enomoto, H. 43832
Ozaki, H. *see* Funagai, K. 32093
Ozaki, H. *see* Furutani, K. 1393
Ozaki, H. *see* Furutani, K. 53299
Ozaki, H. *see* Hamamoto, T. 1399
Ozaki, H. *see* Miyata, H. 37384
Ozaki, H. *see* Senyo, K. 37386
Ozaki, K., Sekiguchi, H., Wakana, S., Goto, Y., Umehara, Y., Matsumoto, J. Novel optical probing system with submicron spatial resolution for internal diagnosis of VLSI circuits 43187
Ozaki, M., Kameyama, M., Kuroda, S., Shiotani, K., Asano, M. Multimedia technologies for industry 58019
Ozaki, M. *see* Frolov, S.V. 3761
Ozaki, M. *see* Sagioka, K. 33654
Ozaki, O. *see* Kimura, M. 38464
Ozaki, S. *see* Murayama, K. 32359
Ozaki, T., Imanishi, T., Uzuyama, K., Nishino, K., Suzuki, H. Development of DIGITEX α digital angiographic system 18332
Ozaki, T., Iwase, Y., Takamura, H., Ohmori, M. Thermal treatment of CdTe surfaces for radiation detectors 37319
Ozaki, T. *see* Aoki, M. 1349
Ozaki, T. *see* He, J. 18402
Ozaki, T. *see* Inaba, T. 21659
Ozaki, T. *see* Inoue, N. 40577
Ozaki, T. *see* Kikuchi, Y. 32292
Ozaki, T. *see* Oguro, T. 32052
Ozaki, T. *see* Ohgami, J. 2943
Ozaki, Y. *see* Asai, Y. 28165
Ozaki, Y. *see* Kimizuka, M. 42575
Ozaki, Y. *see* Kimizuka, M. 42579
Ozaktas, H.M. Repeated fractional Fourier domain filtering is equivalent to repeated time and frequency domain filtering 4850
Ozaktas, H.M. Towards an optimal foundation architecture for optoelectronic computing 55352
Ozaktas, H.M. *see* Arikan, O. 34932
Ozaktas, H.M. *see* Barshan, B. 25304
Ozaktas, H.M. *see* Kutay, A. 56560
Ozanyan, K.B., Nicholls, J.E., O'Neill, M., May, L., Hogg, J.H.C., Hagston, W.E., Lunn, B., Ashenford, D.E. Spectroscopic evidence for the excitonic lasing mechanism in ultraviolet ZnS/ZnCdS multiple quantum well lasers 23884
Ozanyan, K.B., Nicholls, J.E., O'Neill, M., May, L., Hogg, J.H.C., Hagston, W.E., Lunn, B., Ashenford, D.E. Room temperature UV lasing from photopumped ZnCdS/ZnS quantum wells 33557
Ozanyan, K.B. *see* Sobiesierski, Z. 40381
Ozanyan, K.B. *see* Worren, T. 54227
Ozard, J.M., Yeremy, M.L., Chapman, N.R., Wilmut, M.J. Matched-field processing in a range-dependent shallow water environment in the Northeast Pacific Ocean 18758
Ozawa, A., Tamamura, T., Ishii, T., Yoshihara, H., Kagoshima, T. Application of X-ray mask fabrication technologies to high resolution, large diameter Ta Fresnel zone plates 49362
Ozawa, A. *see* Deguchi, K. 32291
Ozawa, A. *see* Shinkai, K. 19331
Ozawa, K. *see* Dal, M.-L. 46439
Ozawa, K. *see* Kumagai, A. 23367
Ozawa, K. *see* Nagasaki, M. 47460
Ozawa, K. *see* Saito, T. 16396
Ozawa, K. *see* Taumi, S. 15058
Ozawa, M., Suzuki, S. Influence of heat treatment with nitrogen in positive-temperature-coefficient-type $BaTiO_3$ 54099
Ozawa, S., Kotaki, A., Kamata, R. Chassis dynamometer for testing on special road surfaces 17801
Ozawa, S., Narumi, Y., Ozawa, Y., Maruki, T. AC dynamometer-applied system; car testing equipment realizing size reduction (chassis dynamometer systems) 7607
Ozawa, S. *see* Guo, S. 25720
Ozawa, S. *see* Juping Yang 25761
Ozawa, S. *see* Nirei, K. 35370
Ozawa, S. *see* Ooi, Y. 46448
Ozawa, S. *see* Yang, J. 4955
Ozawa, T., Ando, M., Hayakawa, Y., Kumagawa, M. InGaAs mixed crystals grown by the temperature-difference method and the numerical analysis of solution convedtion 10608
Ozawa, T. *see* Miyake, K. 12176
Ozawa, T. *see* Suu, K. 2918
Ozawa, T. *see* Suu, K. 52796
Ozawa, Y. *see* Ozawa, S. 7607
Ozay, N. *see* Guven, N. 8872
Ozbay, E., Islam, M.S., Onat, B., Gokkavas, M., Aytur, O., Tuttle, G., Towe, E., Henderson, R.H., Selim Unlu, M. Fabrication of high-speed resonant cavity enhanced Schottky photodiodes 58754
Ozbay, E. *see* Biswas, R. 1706
Ozbayoglu, A.M. *see* Enke, D. 14960
Ozcan, E., Mohan, C.K. Simulated annealing and genetic algorithms for partial shape matching 46187
Ozcan, O. *see* Aydogdu, M. 14605
Ozcelik, T., Katsaggelos, A.K. Detection and encoding of occluded areas in very low bit rate video coding 25386
Ozdamar, O., Delgado, R.E. Measurement of signal and noise characteristics in ongoing auditory brainstem response averaging 28321
Ozdemir, C., Hao Ling Interpretation of scattering phenomenology in dielectric-coated wire via joint time-frequency processing 33950
Ozdemir, D. *see* Akarun, L. 56792
Ozdemir, E. *see* Arslan, T. 1216
Ozdemir, S., Suleymanov, R.A. Effect of illumination on commensurate-incommensurate phase transition temperature in layered semiconductor $TlInS_2$ 22286
Ozdemir, T., Volakis, J.L. Finite element analysis of doubly curved conformal antennas with material overlays 34226
Ozdemir, T., Volakis, J.L. Triangular prisms for edge-based vector finite element analysis of conformal antennas 56144
Ozdemir, T. *see* Volakis, J.L. 45441
Ozden, B., Rastogi, R., Silberschatz, A. Periodic retrieval of videos from disk arrays 58554
Ozden, M.T., Panayirci, E., Kayran, A.H. Identification of nonlinear magnetic channels with lattice orthogonalisation 45727
Ozdoba, C. *see* Felblinger, T. 7956
Ozeki, H. *see* Sekimoto, Y. 14602
Ozeki, T., Iijima, T. Acceleration of the steepest descent method for the real symmetric eigenvalue problem 30418
Ozeki, T., Iijima, T. Behavior of the steepest descent method in minimizing Rayleigh quotient 30522
Ozeki, T. *see* Imaizumi, M. 40415
Ozeki, T. *see* Murata, Y. 13460
Ozeki, T. *see* Shiraishi, T. 27662
Ozeki, T. *see* Tanabe, S. 41588
Ozeki, Y. *see* Mineo, N. 16796
Ozeki, Y. *see* Okayama, H. 47489
Ozekici, S. *see* Altinel, I.K. 39936
Ozel, M.E. *see* Gavrilov, S.P. 14684
Ozel, M.E. *see* Vertiy, A.A. 17750
Ozel, M.E. *see* Vertiy, A.A. 27857
Ozel, M.E. *see* Vertiy, A.A. 50230
Ozenbas, M., Ergin, U. Preparation of $Pb(Zr,Ti)O_3$ thin films and powders by the sol-gel process 52752
Ozer, J. Totally streaming multimedia 6108
Ozer, J. Leading low-cost MPEG encoders: how the other half encodes 17050
Ozer, J. The low-cost MPEG encoder road test 17051
Ozer, J. Everything you wanted to know about digital video editing at the desktop 48256
Ozer, M. *see* Gangal, A. 5182
Ozergun, N. *see* Davies, W.S. 47406
Ozerov, L.A. *see* Shtessel, Y.B. 9342
Ozguner, F. *see* Balakrishnan, S. 16023
Ozguner, U. *see* Lenning, L.G. 43391
Ozheredov, I.A. *see* Angelutc, A.A. 33390
Ozheredov, I.A. *see* Angeluts, A.A. 13983
Ozheredov, I.A. *see* Angeluts, A.A. 44631
Ozhogin, V.I. *see* Itoh, K.M. 1991
Ozhogina, V.K. *see* Makarov, K.A. 13515
Ozkan, C.S., Nix, W.D., Gao, H. Strain relaxation and defect formation in heteroepitaxial $Si_{1-x}Ge_x$ films via surface roughening induced by controlled annealing experiments 54328
Ozkan, C.S., Nix, W.D., Huajian Gao Strain relaxation in heteroepitaxial $Si_{1-x}Ge_x$ films via surface roughening processes 2079
Ozkan, C.Z., Moinpour, M., Sarikaya, M. Characterization of dichlorosilane based tungsten silicide films for local interconnects 42674
Ozkul, C. Comment on "Purely optical measurement of the resistivity distribution of semi-insulating InP:Fe by means of the photorefractive effect" [Appl. Phys. Lett. 67, 392 (1995)] 41903
Ozkul, C. *see* Geri, I. 4085
Ozkul, C. *see* Lebrun, D. 17481
Ozkul, T., Raad, W. Remote data acquisition module with interrupt capability 7216
Ozmore, R.E. *see* Wong, G.A. 59987
Ozoguz, S., Gunes, E.O. Universal filter with three inputs using CCII+ 1565
Ozoguz, S. *see* Acar, C. 1019
Ozols, A., Nordman, N., Nordman, O. Effect of structure relaxation on the holographic recording in amorphous As_2S_3 films 44772
Ozols, A., Sancho, E.G., Kurlat, D.H. Thermoelectric power of the liquid $(Pb-Sn)_{1-x}Te_x$ alloy 2077
Ozols, J. Avionics processors in the coming era: if you touch me more than twice I'll scream 49915
Oztek-Yerli, C.F. *see* Nam, S. 21981
Ozturk, C., Bahadir, A. Significance of the electromagnetic forces on the mechanical resonances of stator laminations 9285
Ozturk, F. *see* Breiki, G. 37931
Ozturk, M.C. *see* Gladden, D.B. 42691
Ozturk, M.C. *see* O'Neil, P.A. 21295
Ozturk, M.C. *see* Shamarao, P. 2631
Ozturk, M.C. *see* Sun, J. 22979
Ozturk, M.C. *see* Violette, K.E. 802
Ozturk, M.C. *see* Gelpey, J.C. *(editor)* 9840
Ozur, G.E. *see* Batrakov, A.V. 23206
Ozveren, C.S. *see* Ramsay, B. 19222
Ozzello, T. *see* Bratina, G. 12256
Ozzello, T. *see* Bratina, G. 54158
P., R.Ortiz *see* Ortiz P., R.
P. Lin Bao Shuh *see* Bao Shuh P. Lin
P. Lin Bao-Shuh *see* Bao-Shuh P. Lin
Paal, E. *see* Bojtor, L. 60556
Paalanen, M.A. *see* Hirvi, K.P. 27959
Paar, G., Bauer, A. Cavity surface measuring system using stereo reconstruction 35019
Paasch, R. *see* Mittelstadt, D. 7191
Paasio, A., Dawidziuk, A., Halonen, K., Porra, V. High speed 16 by 16 CNN chip 1670
Paasio, A., Dawidziuk, A., Halonen, K., Porra, V. Robust CMOS CNN implementation with respect to manufacturing inaccuracies 31434
Paasio, A., Dawidziuk, A., Halonen, K., Porra, V. Fast and compact 16 by 16 cellular neural network implementation 53480
Paasio, A., Dawidziuk, A., Porra, V. Pulse stream current mode CMOS CNN chip 31440
Paasschens, J.C.J. *see* Colak, S.B. 37659
Paasschens, J.C.J. *see* Misirpashaev, T.S. 56112
Pabla, A.S. Band-gap tuning in strained piezoelectric quantum well lasers 33479
Pabla, D.S., Elston, S.J. Modelling monopolar and bipolar switching in ferroelectric liquid crystal devices using a three variable theory 55330
Pablos, J.de *see* de Pablos, J.
Pabs, M. *see* Deitinghoff, H. 37104
Pabst, J. *see* Luderman, B.L. 11451

Pabst, J.Y. *see* Kuntz, F. 28472
Pabst, M., Bongardt, K., Letchford, A.P. Critical beam dynamical issues in neutron spallation sources 18042
Pabst, M., Bongardt, K., Letchford, A.P. Halo simulation in a realistic proton linac design 37011
Pabst, M. *see* Bongardt, K. 18052
Pacaud, A. *see* Abdipour, A. 53605
Pacaud, Y., Skorupa, W., Stoemenos, J. Microstructural characterization of amorphized and recrystallized 6H-SiC 31885
Pacaud, Y., Stoemenos, J., Brauer, G., Yankov, R.A., Heera, V., Voelskow, M., Koegler, R., Skorupa, W. Radiation damage and annealing behaviour of Ge^+-implanted SiC 31884
Pacaud, Y. *see* Barklie, R.C. 54365
Pacaud, Y. *see* Skorupa, W. 31882
Paccagnell, A., Candelori, A., Milani, A., Formigoni, E., Ghidini, G., Pellizzer, F., Drera, D., Fuochi, P.G., Lavale, M. Breakdown properties of irradiated MOS capacitors 22472
Paccagnella, A. *see* Bacchetta, N. 36561
Paccagnella, A. *see* Bacchetta, N. 59289
Paccagnella, A. *see* Bisello, D. 7813
Paccagnella, A. *see* Candelori, A. 59290
Paccagnella, A. *see* Meneghesso, G. 54694
Paccagnella, A. *see* Meneghesso, G. 54711
Pacciani, L. *see* Alexeev, G. 59200
Pacciani, L. *see* Baccaro, S. 37459
Pace, E. *see* Placentino, L. 13832
Pace, M.O., McCorkle, D.L., Waymel, X. N_2/SF_6 breakdown in concentric cylinders: consolidation of data 43455
Pace, N.G. *see* Bergem, O. 49991
Pace, N.G. *see* Bergem, O. 49999
Pace, P.E., Leino, R.E., Styer, D. Use of the symmetrical number system in resolving single-frequency undersampling aliases 56562
Pace, P.E., Ying, S.J., Powers, J.P., Pieper, R.J. Optical sigma-delta modulation using fiber lattice filter structures 3446
Pace, P.E. *see* Pieper, R.J. 47944
Pace, R. *see* Watts, S.J. 22215
Pace, S. *see* Grimaldi, G. 23422
Pacebutas, V., Grigoras, K., Krotkus, A. Porous silicon applications in solar cell technology 61095
Pacebutas, V. *see* Krotkus, A. 51599
Pacelat, E., Magjarevic, R., Isgum, V. Electrical parameters of electrode-skin interface during high current pulse transcranial electrical stimulation 37796
Pacelli, A., Lacaita, A.L. On the shape of hot-carrier tails in non-local transport 12134
Pacelli, A., Ravaioli, U. Analysis of variance-reduction schemes for ensemble Monte Carlo simulation of semiconductor devices 54560
Pacelli, A. *see* Perron, L. 54817
Pacelli, A. *see* Spinelli, A. 12150
Pacelli, A. *see* Spinelli, A. 43023
Pachan, M. *see* Bigolas, J. 18508
Pache, D., Fournier, J.M., Billiot, G., Senn, P. An improved 3 V 2 GHz image reject mixer and a VCO-prescaler fully integrated in a BiCMOS process 11720
Pacheco, A. *see* Bizeau, C. 57597
Pacheco, F.J. *see* Kidd, P. 30786
Pacholik, J. *see* Grecki, M. 43225
Pacholik, J. *see* Slot, K. 31432
Pacifici, G. *see* Chan, M.C. 6316
Pacitti, B., Pearson, A. Organisational networks in R&D 9958
Paciullo, H. Fibre optic distribution network experiments: the RDFO project 6817
Pack, K. *see* Von Reinhard, M. 50409
Packan, P. *see* Bohr, M. 41067
Packan, P.A. *see* Thompson, S.E. 2649
Packwood, R.A. *see* Martin, G.R. 56858
Pacradouni, V., Morin, R., Kanskar, M., Young, J.F., Johnson, S.R., Tiedje, T. Contribution of single InGaAs quantum wells to the guided mode dispersion of InGaAs/GaAs/AlGaAs waveguides: Model and experimental results 3409
Pacradouni, V. *see* Kanskar, M. 43997
Pacradouni, V. *see* Morin, R. 23985
Pactitis, S.A. Design of VCVS multifeedback active filters with fourth-, third- and second-order building blocks and voltage gain as a free parameter 53400
Pacut, A. *see* Brudka, M. 7576
Paczewski, R.M. *see* Walter, A.E. 58903
Paczkowski, M.A., Yuan, J. Thermal and mechanical characterization of high performance laminates 53779
Paczoski, J. Voice mail 26077
Padalko, L., Manykina, L., Rasmussen, B. The energy challenge facing the Republic of Belarus 19250
Padamsee, H., Knobloch, J. Issues in superconducting RF technology 37049
Padamsee, H. *see* Befomestnykh, S. 49247
Padamsee, H. *see* Hartung, W. 49248
Paddeu, S. *see* Fanigliulo, A. 7454
Paddison, J.E., Ohsaki, H., Masada, E. Control strategies for Maglev electromagnetic suspension bogies 51753
Paddison, J.E. *see* Hayashiya, H. 4205
Paddison, J.E. *see* Hayashiya, H. 51888
Paddle, B.M. Biosensors for chemical and biological agents of defence interest 7442
Paddon, P. *see* Kanskar, M. 43997
Padeletti, G. *see* Foglietti, V. 58732
Padeste, C., Kossek, S., Lehmann, H.W., Musil, C.R., Gobrecht, J., Tiefenauer, L. Fabrication and characterization of nanostructured gold electrodes for electrochemical biosensors 48696
Padget, J.A. *see* Chan, K.W. 60255
Padgett, C., Kreutz-Delgado, K. A grid algorithm for autonomous star identification 37953
Padgett, M. *see* Reid, D.T. 48967
Padgett, M.J. *see* Gibson, G.M. 44703
Padgett, M.L. Fuzzy evolutionary/GA systems 469
Padhi, A.K. *see* Nanjundaswamy, K.S. 38948
Padhy, A.K. *see* Rajabi, H. 18243
Padhy, N.P., Paranjothi, S.R., Ramachandran, V. A hybrid fuzzy neural network-expert system for a short term unit commitment problem 50456
Padilla, G.P. *see* Calixto, S. 3525
Padilla, L. *see* Krawczynski, H. 37287
Padillo, J.M., Meyersdorf, D. The make-or-buy problem: a multidimensional perspective of foundry decisions 39719
Padiyar, K.R., Uma Rao, K. Discrete control of series compensation for stability improvement in power systems 50428
Padiyar, K.R. *see* Laufenberg, M.J. 50430
Padma, G. *see* Krishnakumar, M. 8261
Padma Nilaya, J. *see* Biswas, D.J. 44606
Padman, R. *see* Yassin, G. 48200
Padmanaban, V.P.N. *see* Khare, N. 36461
Padmanabhan, A., Goldberg, H., Breuer, K.D., Schmidt, M.A. A wafer-bonded floating-element shear stress microsensor with optical position sensing by photodiodes 17345
Padmanabhan, M., Bahl, L.R., Nahamoo, D., Picheny, M.A. Speaker clustering and transformation for speaker adaptation in large-vocabulary speech recognition systems 15090
Padmanabhan, M. *see* Bahl, L.R. 15069
Padmanabhan, R.P., Adhihetty, I.S., Miller, B.J., Sarihan, V., Deal, P.W. Selection of die attach materials through characterization and FEM analysis 30285
Padmanabhan, R.P. *see* Adhihetty, I.S. 30282
Padmapani, N. *see* Chinn, J.D. 54486
Padmbandu, G.G. *see* Nikonov, D.E. 13957
Padmini, P. *see* Hari, N.S. 42039
Padmini, P. *see* Kutty, T.R.N. 10941
Padoan, S. *see* Boni, A. 21764
Pados, D.A., Batalama, S.N. FIR filters for blind detection of CDMA signals 6442
Padova, P.De *see* De Padova, P.
Padrah, S. *see* Gislason, F. 19720
Padres, N. *see* Ortigosa, J.I. 36289
Padros, N., Ortigosa, J.I., Baker, J., Iskander, M.F., Thornberg, B. Comparative study of high-performance GPS receiving antenna designs 48190
Paduan, J.D., Rosenfeld, L.K. Remotely sensed surface currents in Monterey Bay from shore-based HF radar (Coastal Ocean Dynamics Application Radar) 28643
Paduan, J.D. *see* Fernandez, D.M. 8495
Paduch, M. *see* Badziak, J. 23837
Padure, M. Analog ASIC for educational purposes 39640
Paek Hoon *see* Hoon Paek
Paek Jong Tae *see* Jong Tae Paek
Paek Su-Hyon *see* Su-Hyon Paek
Paepe, A.De *see* De Paepe, A.
Paez, A. *see* Guo, Y.J. 24562
Paez, A. *see* Guo, Y.J. 26119
Paez-Borrallo, J.B. *see* Perez-Alvarez, I.A. 16462
Paez-Padilla, G. *see* Scholl, M.S. 48514
Paez-Padilla, G. *see* Scholl, M.S. 48690
Paff, A. Operational issues transformed by perspective shift: a phased approach to automation, integration 27165
Pagan, G. *see* Mata, J. 5773
Pagani, C., Bellomo, G., Pierini, P. A high current proton linac with 352 MHz SC cavities 37113
Pagani, C. *see* Alessandria, F. 49017
Pagani, C. *see* Calabretta, L. 49145
Pagani, C. *see* di Bona, A. 59184
Pagani, M., Falster, R.J., Fisher, G.R., Ferrero, G.C., Olmo, M. Spatial variations in oxygen precipitation in silicon after high temperature rapid thermal annealing 41833
Pagani, M. *see* Mainardi, L.T. 37597
Pagani, P. *see* Borghetti, A. 9098
Paganini, E. *see* Ferri, F. 36909
Paganini, E. *see* Masciadri, E. 14446
Paganis, S. *see* Pandey, S.U. 37293
Pagano, A., Sordo, B. Bidirectional amplification using a circulator based erbium doped fibre amplifier 23793
Pagano, A. *see* Aiello, S. 1483
Pagano, A. *see* Aiello, S. 49328
Pagano, M. *see* Giordano, S. 6330
Pagano, S. *see* Barone, A. 3277
Paganotto, N. *see* Coquillat, D. 22366
Paganotto, N. *see* Ribayrol, A. 22367
Page, A.J.F. Introduction to cardiac electrophysiology and the development of cardiac pacing 28444
Page, E.M., Jondle, D.D., Edison, D. Probabilistic safety analysis of the Fermi 2 turbine event 38489
Page, G.J. *see* Di Mauro, E.C. 1757
Page, I. *see* Atia, M. 17282
Page, I. *see* Lawrence, A. 11304
Page, I. *see* Stansfield, A. 11269
Page, I. *see* Woodward, D.R. 20115
Page, J.P. *see* Horowitz, S.J. 298
Page, J.P. *see* Horowitz, S.J. 12052
Page, J.P. *see* Horowitz, S.J. 53740
Page, K.J., Chau, P.M. Folding large regular computational graphs onto smaller processor arrays 21705
Page, L., Jouvet, M., Jecko, B. A new method for mutual coupling between antennas associating FDTD with time domain integral expression of electromagnetic fields 34431
Page, L. *see* Wollack, E.J. 48199
Page, L.A. *see* Fixsen, D.J. 17008
Page, M. The free factory: cutting cycle time and gaining output 30174
Page, R. *see* Solarz, R. 55954
Page, R.H., Schaffers, K.I., DeLoach, L.D., Wilke, G.D., Patel, F.D., Tassano, J.B., Jr., Payne, S.A., Krupke, W.F., Chen, K.-T., Burger, A. Cr^{2+}-doped zinc chalcogenides as efficient, widely tunable mid-infrared lasers 44524
Page, R.H., Schaffers, K.I., Payne, S.A., Krupke, W.F. Dy-doped chlorides as gain media for 1.3 μm telecommunications amplifiers 55590
Page, W.G. *see* Woods, E.L. 58639
Page-Jones, M.A., Everard, J.K.A. Enhanced transposed gain microwave oscillators 21935
Pageau, K.R. Learning from a distance 20453
Pagello, E. *see* Xiao-Gang Wang 24958
Pages, I. *see* Moncoqut, D. 22823
Pages-Zamora, A., Lagunas, M.A. Joint probability density function estimation by spectral estimate methods 25133
Paget, D. *see* Gusev, A.O. 42264
Pagey, S., Al-Khalili, A.J. Universal TSC module and its application to the design of TSC circuits 1266
Pagey, S., Al-Khalili, A.J. Universal TSC module and its application to the design of TSC circuits 53111
Paggel, J.J. *see* Bonard, J.-M. 54167
Paggel, J.J. *see* Heun, S. 22318
Paggel, J.J. *see* Pellegrini, V. 2577
Paggel, J.J. *see* Sorba, L. 54249
Paglia, I.La *see* La Paglia, I.
Paglia, J.G., Wyman, W.F. DARPA'S autonomous minehunting and mapping technologies (AMMT) program an overview 50285
Pagliaro, J.D. Exporting to the USA: product liability and how to avoid it 39653
Paglierani, P. *see* Bertocco, M. 11522
Paglino, C., Fach, A., John, J., Muller, P., Zogg, H., Pescia, D. Schottky-barrier fluctuations in $Pb_{1-x}Sn_xSe$ infrared sensors 7337
Paglino, C. *see* Fach, A. 17358
Paglino, C. *see* John, J. 7346
Paglino, C. *see* Zogg, H. 7396
Paglino, C. *see* Zogg, H. 48646
Paglino, R. *see* Montagna, S. 35777
Pagnod, P. *see* Ducellier, T. 47962
Pagnod, P. *see* Fernier, B. 16822
Pagnod, P. *see* Mayer, H.P. 23918
Pagnod, P. *see* Renaud, M. 16730
Pagnod-Rossiaux, P. *see* Lestra, A. 2404
Pagnot, T., Pierali, C. Fabrication of multimode fiber tapers with a high reproducibility of the subwavelength extremity size: application to scanning near-field optical microscope probes 3385
Pagnoux, D., Blondy, J.M., Rioublanc, J., Roy, P., Clapeau, M., Facq, P. Precise and repeatable determination of the mode field radius by means of a simple measurement device 13616
Pagnoux, D. *see* Di Bin, P. 43936
Pagurek, B., Bryant, J., Dawes, N. Evolution of a multi-paradigm blackboard based network diagnostic platform 35649
Pahalawaththa, N.C. *see* Chen, X.R. 60289
Pahi, A. *see* Szekely, V. 40823
Pahirathan, S. *see* Atkinson, R. 13438
Pahl, U. *see* Alpers, W. 8432
Pahlavanpour, B., Wilson, A. Analysis of transformer oil for transformer condition monitoring 31553
Pahler, G. *see* Cabanski, W. 17501
Pahlke, D. *see* Richter, W. 42549
Pahlm, O. *see* Wohlfart, B. 49625
Pahn, B. *see* Lippens, P. 5022
Pahner, U. *see* Nertens, R. 50989
Pahomov, A.A. *see* Safronov, A.N. 46022
Pahud, M., Cornu, T. Influence of communication locality on traffic in the Cray T3D communication network 35560
Pahwa, A. *see* Shultis, J.K. 60278
Pahwa, A. *see* Wakileh, J.J. 19289
Pahwa, A. *see* Wakileh, J.J. 38342
Pai, C. *see* Jia, L.X. 49162
Pai, C.P., Phan, J.K., McGavern, R.J., Reeves, W.E. C-17 depot test requirements document to test program set development process 37959
Pai, C.S. *see* Cirelli, R.A. 32279
Pai, C.S. *see* Liu, C.T. 2641
Pai, D. *see* Chen, J.C. 20611
Pai, D.M. *see* Jeyadev, S. 33224
Pai, K.B. *see* Pujari, S.B. 53706
Pai, K.G. LT cage motor failures and solutions 38731
Pai, K.R., Murthy, K.V.V., Ramachandran, V. Complementary pole-pair filters and pole-parameter transformations 31359
Pai, M.A., Vournas, C.D., Michel, A.N., Ye, H. Applications of interval matrices in power system stabilizer design 50392

Pai, M.A. *see* Laufenberg, M.J. 8777
Pai, M.A. *see* Laufenberg, M.J. 50430
Pai, M.A. *see* Vournas, C.D. 19093
Pai, P.K.D., Brewster, A.D., Abidi, A.A. A 160-MHz analog front-end IC for EPR-IV PRML magnetic storage read channels 3207
Pai, S.P. *see* Kurian, J. 10833
Pai, S.P. *see* Lesieutre, G.A. 3009
Pai Chuang *see* Chuang Pai
Pai Tang *see* Yu, D.C. 8956
Pai-Chuan Yang *see* Hong-Tzer Yang 60531
Paic, A. *see* Lou, K. 7818
Paice, D.A. *see* Rendusara, D.A. 29391
Paiella, R., Hunziker, G., Vahala, K.J., Koren, U. Measurement of the interwell carrier transport lifetime in multiquantum-well optical amplifiers by polarization-resolved four-wave mixing 14179
Paiella, R., Hunziker, G., Zhou, J., Vahala, K.J., Koren, U., Miller, B.I. Using tensor properties of four wave mixing in semiconductor optical amplifiers for polarization independent wavelength conversion or pump suppression 33682
Paiella, R. *see* Hunziker, G. 14152
Paige, F.E. *see* Lane, K.D. 59215
Paik, H.J. *see* Shirron, P.J. 49988
Paik, J.H., Hong, K.P., Paik, J.K., Hwang, J.H. Image sequence interpolation for improving the resolution of the magnified image 57220
Paik, J.K. *see* Moon, J.I. 35040
Paik, J.K. *see* Paik, J.H. 57220
Paik, K.W. Studies on thin film integral passive components for mixed mode multichip module (MCM) applications 12035
Paik, S.W. *see* Park, J.W. 32003
Paik Ho Jung *see* Ho Jung Paik
Paik Joon Ki *see* Joon Ki Paik
Paik Jung-Hoon *see* Jung-Hoon Paik
Paik Kyung-Wook *see* Kyung-Wook Paik
Pailharey, D. *see* Sassoli, H. 10867
Paillard, B. *see* Bouchard, M. 4844
Paillard, C. *see* Bizeau, C. 57597
Pailler, P. *see* Clay, P. 49023
Paillet, C., Joly, J.P., Tardif, F., Barla, K., Patruno, P., Levy, D. Chemical oxide characterization [wafer cleaning] 42569
Paillet, C., Papon, A.M., Joly, J.P., Tardif, F., Levy, D., Barla, K., Patruno, P. Particle impact on 7 nm gate oxides 42483
Paillet, C. *see* Tardif, F. 42453
Paillet, P. *see* Autran, J.L. 22841
Paillet, P. *see* Leray, J.-L. 32139
Paillotin, F. *see* Courtois, B. 52126
Paillou, P. Detecting step edges in noisy SAR images: a new linear operator 28680
Pain, B., Fossum, E.R. Design and operation of self-biased high-gain amplifier arrays for photon-counting sensors 17504
Pain, B. *see* Mendis, S.K. 27683
Pain, B. *see* Nixon, R.H. 27650
Pain, B. *see* Yadid-Pecht, O. 27684
Pain, B. *see* Zhou, Z. 17505
Paindavoine, M. *see* Bouffault, F. 58625
Paindavoine, M. *see* Daillant, G. 39856
Paindavoine, M. *see* Daillant, G. 46139
Paindavoine, M. *see* Fan Yang 46510
Paine, D.C. *see* Beresford, R. 21252
Paine, D.C. *see* Blaser, J.M. 54043
Paineau, S., Ghesquiers, J.-P., Charrier, M. Optical free-space interconnection in mesh-array processor architecture for beam forming radar processing 13891
Painter, E., Spanias, A. A MATLAB software tool for the introduction of speech coding fundamentals in a DSP course 9926
Painter, E., Spanias, A. A MATLAB software tool for the introduction of speech coding fundamentals in a DSP course 20581
Painter, O. *see* O'Brien, J. 14105
Painter, T.A. *see* Miller, J.R. 32944
Painter, T.H. *see* Jiancheng Shi 18893
Pair, J.R. *see* Powell, T.J. 40970
Pairman, D., Belliss, S., McNeill, S. Angular dependence of SAR backscatter around Mt Taranaki, New Zealand 8330
Paisner, J. *see* Solarz, R. 55954
Paisner, J.A., Hogan, W.J. Progress in the Title I design of the National Ignition Facility 23874
Paiss, I., Festig, S., Lavi, R. Narrow-linewidth optical parametric oscillator with an intracavity laser gain element 4028
Paiuk, J. *see* Altschuler, E. 31000
Paivike, H. *see* Leppala, K. 8264
Pajaczkowska, A. *see* Ryba-Romanowski, W. 14036
Pajander, H. *see* Reymann, D. 27374
Pajdla, T. *see* Werner, T. 5054
Pajdla, T. *see* Werner, T. 46270
Pajic, D. *see* Kolanovic, M. 32814
Pajooman, G.H. *see* Harris, M.R. 9156
Pajunen, P., Hyvarinen, A., Karhunen, J. Nonlinear blind source separation by self-organizing maps 34748
Pak, B.-C. *see* Copeland, D. 30333
Pak, D.M. *see* Grekhov, I.V. 22324
Pak, G. *see* Lee, S.H. 23813
Pak, J.J., Kabir, A.E., Neudeck, G.W., Logsdon, J.H. A bridge-type piezoresistive accelerometer using merged epitaxial lateral overgrowth for thin silicon beam formation 36516
Pak, K. *see* Ishimaru, A. 8382
Pak, K. *see* Weeks, R.J. 28604
Pak, P.S., Suzuki, Y. Exergetic evaluation of gas turbine cogeneration systems for district heating and cooling 60554
Pak, S., Rigdal, S., Karlsson, L., Gustavsson, A.-C. Electroslag and submerged arc stainless steel strip cladding 39452
Pak, S. *see* He, B. 59709
Pak, S.T.F. *see* Tian, Y. 53738
Pak Chu *see* Arkwright, J. 24085
Pak Chung Wong, Bergeron, R.D. Multiresolution multidimensional wavelet brushing 15572
Pak Kyung *see* Kyung Pak
Pak Pyong Sik *see* Pyong Sik Pak
Pak-Kong Lun, D. *see* Tai-Chiu Hsung 57295
Pak-Kwong Wong *see* Ping-Chong Chee 25762
Pakdaman, K., Malta, C.P., Grotta-Ragazzo, C., Vibert, J.-F. Effect of delay on the boundary of the basin of attraction in a self-excited single graded-response neuron 37830
Paker, S. *see* Cakir, K.A. 33991
Paker, S. *see* Kent, S. 16868
Pakhlov, P. *see* Balagura, V. 37222
Pakhomov, S. *see* Kazharsky, O. 55600
Pakin, A.I. *see* Zaitsev, A.M. 60776
Pakkanen, T.A. *see* Hukka, T.I. 10758
Paknys, R. *see* Kashyap, S. 36221
Pakter, R., Caldas, I.L., Couto, F., Caetano, T., Rizzata, F.B. Chaotic dynamics induced by space-charge waves in cyclotron resonance accelerators 17943
Pakula, K. *see* Lilental-Weber, Z. 10804
Pakula, K. *see* Suski, T. 21220
Pakula, K. *see* Teisseyre, H. 22237
Pakula, K. *see* Teisseyre, H. 40442
Pakula, W. *see* Cooke, D.L. 8223
Pakula, W.A. *see* Chaplin, C.P. 8459
Pakula, W.A. *see* Enloe, C.L. 44912
Pal, A. *see* Pal, R.K. 52932
Pal, A.J., Osterbacka, R., Kallman, K.-M., Stubb, H. High-frequency response of polymeric light-emitting diodes 44291
Pal, A.J., Ostergard, T., Paloheimo, J., Stubb, H. Quinquethiophene light-emitting diodes with molecular dimensions 33307
Pal, A.J., Paloheimo, J., Stubb, H. Light-emitting diodes using quinquethiophene Langmuir-Blodgett films: effect of electron-transporting layers 33298
Pal, A.K. *see* Chakrabarti, R. 2084
Pal, A.K. *see* Chakrabarti, R. 22287
Pal, A.K. *see* Chakrabarti, R. 31862
Pal, B.B. *see* Deshmukh, P.R. 22659
Pal, B.B. *see* Mitra, H. 2708
Pal, B.P., Raizada, G., Varshney, R.K. Modelling a fiber half-block with multimode overlay waveguide 6712
Pal, D., Joshi, Y.K. Application of phase change materials to thermal control of electronic modules: a computational study 30338
Pal, N.R., Chakraborty, S., Bagchi, A. RID3: an ID3-like algorithm for real data 25538
Pal, N.R. *see* Basak, J. 46084
Pal, P. *see* Mukherjee, D.P. 28617
Pal, R., Misra, V.C., Nagaiah, C.H., Rengachari, V. Broadband dual polarized antennas 4361
Pal, R.K., Pal, S.P., Pal, A. An algorithm for finding a non-trivial lower bound for channel routing 52932
Pal, R.R., Kal, S., Acharya, H.N., Chakrabarti, N.B. Voltage-controlled oscillators (VCOs) using complementary bipolar inverter cells 40955
Pal, S. *see* Bose, D.N. 54260
Pal, S. *see* Pal, T.K. 8146
Pal, S.K., Cochrane, N.M. Brushless DC motor with low cost high energy permanent magnets and integrated drive for novel high speed electric atomisers 61204
Pal, S.K., Ghosh, A. Neuro-fuzzy computing for image processing and pattern recognition 25539
Pal, S.K. *see* Bhandari, D. 52524
Pal, S.P. *see* Pal, R.K. 52932
Pal, T. *see* Datta, A. 35341
Pal, T.K., Pal, S. Long term clinical evaluation of Ha-coated titanium dental implant for single tooth 8146
Pal, U., Herrera Perez, J.L., Piqueras, J., Dieguez, E. Near band gap photoreflectance studies in CdTe, CdTe:V and CdTe:Ge crystals 31825
Pal Kalra, S. *see* Dagan, W.J. 38486
Pal-Val, L.N. *see* Pal-Val, P.P. 23392
Pal-Val, P.P., Pal-Val, L.N., Natsik, V.D., Kislyak, I.F., Dotsenko, V.I. Elastic and relaxation properties of HTS composites BSCCO(2223)+(0-100)% Ag in the temperature range 5-300 K 23392
Palacios, M. *see* Melendo, B. 40246
Palacios, R. *see* Sanz-Bobi, M.A. 39475
Palacz, M., Cederkaell, J., Lipoglavsek, M., Norlin, L.-O., Nyberg, J., Persson, J. A new method of shift and gain correction for arbitrary spectra 37539
Palacz, M. *see* Cederkaell, J. 37466
Paladian, F. *see* Bonnet, P. 24455
Paladin, G. *see* Ruggieri, M. 47654
Palagi, G. *see* Bedini, R. 49682
Palagyi, K., Udupa, J.K. Medical image registration based on fuzzy objects 18298
Palai, P. *see* Thyagarajan, K. 3360
Palaio, N. *see* Cho, H.S. 59263
Palaio, N. *see* Hong, W.S. 59294
Palais, J.C. *see* Tariq, S. 26854
Palais, J.C. *see* Yanyu Zhao 23498
Palama, G.F., Neve, A.C. A 250 Msps CAMAC data acquisition system 17227
Palamara, M.E. *see* Meyer, M.J. 47740
Palange, E. *see* Capellini, G. 40571
Palange, E. *see* Duarte, A.S. 14277
Palanisamy, P.K. *see* Santhanakrishanan, T. 59005
Palaniswami, M. *see* Smith, K. 26606
Palano, A. *see* Paolucci, P. 37242
Palant, A. *see* Kewei Chen 28233
Palanti, S., Marrazza, G., Mascini, M. A prototype DNA sensor based on electroactive hybridization intercalator 58865
Palard, M., Ruault, M.O., Kaitasov, O., Bernas, H., Heinig, K.H. Irradiation induced growth of $CoSi_2$ precipitates in Si at 650°C: an in situ study 31757
Palasciano, J.D., Dike, S.B. Measurement method evaluates cable shielding effectiveness 48397
Palasetia, M. *see* Li, J. 6935
Palat, S.K., Andresen, S. User profiles and their replication for reduction of HLR accesses and signalling load 47775
Palau, J.M. *see* Allenspach, M. 22866
Palav, J.-N. *see* Sudre, C. 54581
Palazoglu, A. *see* Young, G.L. 30721
Palazotto, A.N. *see* Gummadi, L.N.B. 30679
Palazzo, R., Jr. *see* Interlando, J.C. 56328
Palazzo, S. *see* Andronico, M. 4974
Palazzo, S. *see* Ascia, G. 35425
Palazzo, S. *see* Catania, V. 5760
Palazzo, S. *see* Lombardo, A. 58020
Palchetti, L., Li, Q., Giorgetti, E., Grando, D., Sottini, S. Photobleaching of polydiacetylene waveguides: a characterization of the process and patterning of optical elements 44041
Palczewski, S. *see* Galwas, B.A. 27430
Paleeva, E.V. *see* Andreev, V.M. 38996
Palekar, U.S. *see* Chhajed, D. 52470
Palencia, E.Sanchez *see* Sanchez Palencia, E.
Palenskis, V., Matukas, J., Pestininkas, T. Modeling of electrical characteristics of the metal-gallium arsenide contact 2257
Palenskis, V., Matukas, J., Smetona, S. Influence of the semiconductor surface treatment method on electrical characteristics of the metal-gallium arsenide contact 2258
Palenskis, V. *see* Matukas, J. 2259
Palermo, M. *see* Andreoli, C. 47159
Palermo, M. *see* Blefari-Melazzi, N. 47131
Palevicius, A., Ragulskis, M. Holographic interference method for investigation of wave transport systems [step motors] 60817
Palevski, A. *see* Gladkikh, A. 42746
Palevski, A. *see* Gladkikh, A. 42755
Palevsky, A. A high brightness field emission display 7505
Palfalvi, J. *see* Bohus, L.S. 59299
Palfreyman, I.G., Kelly, B.R., Bubb, S.C. Transient analysis support for plant commissioning tests 9017
Paliatsos, A., Dimitriou, N., Constantinou, P.P. Analysis and simulation of an experimental SSMA-DS transceiver 26620
Palicot, J. *see* Berberidis, K. 15396
Palicot, J. *see* de Courville, M. 5769
Paliouras, V., Stouraitis, T. Architectural optimization for a fully-digital hearing-aid processor 18527
Paliouras, V. *see* Soudris, D.J. 45959
Palisca, M. *see* Ulin, K. 8091
Palit, S. *see* Kanjilal, P.P. 18467
Palit, S.K., Rayner, J.P., Chatterjee, R. Analysis and design of beam-shaped rectangular polyrod antennas 14717
Paliwal, K. *see* Bacchiani, M. 15031
Palka, H. *see* Miyata, H. 37384
Palka, H. *see* Senyo, K. 37386
Palka, P. *see* Lange, A. 49560
Palko, S. Structural optimisation of an induction motor using a genetic algorithm and a finite element method 9250
Palko, T. Impedance method for pulmonary blood flow assessment 59604
Palko, T. *see* Cybulski, G. 18194
Pallares, J., Marsal, L.F., Correig, X., Calderer, J., Alcubilla, R. Space charge recombination in P-N junctions with a discrete and continuous trap distribution 22310
Pallares, V. *see* Plaza, A. 41601
Pallaro, N. *see* D'Angelo, G. 20276
Palleau, J. *see* Bourhila, N. 40646
Palleau, J. *see* Brand, F. 42641
Palleau, J. *see* Gravier, T. 43351
Palleau, J. *see* Jongste, J.F. 40647
Palleau, J. *see* Labiadh, A. 42645
Palleau, J. *see* Marcadal, C. 40645
Palleau, J. *see* Tardif, F. 42601
Palleschi, G. One-two-three enzyme electrode probes for food and environmental analysis 58866
Palliainen, J., Grandell, J., Hallikainen, M. SSM/I-based surface temperature retrieval methods for boreal forest zone 8471
Pallikarakis, N. Clinical engineering in the new communication age 18171
Pallikarakis, N. *see* Costaridou, L. 7973
Pallikarakis, N. *see* Doukidis, G. 35543
Pallikaris, I.G. *see* Molebny, V.V. 7977
Pallottino, S., Scutella, M.G. Dual algorithms for the shortest path tree problem 40064
Palm, B. *see* Tengblad, N. 30307
Palm, E. *see* Wong, L.W. 54152

Palm, G. *see* Jialong He 15113
Palm, G. *see* Kestler, H.A. 37821
Palm, G. *see* Li Liu 15081
Palm, G. *see* Schwenker, F. 49617
Palm, P., Hodges, P. Development of ATM backplanes for superfast LANs (Local Area Networks) 16263
Palm, P. *see* Wappelhorst, M.H. 48330
Palm, T., Thylen, L., Nilsson, O., Sahlen, O. Switch energy requirements for first- and second-order perturbations in asymmetric quantum box optical switches 44082
Palm, T. *see* Wesstrom, J.-O.J. 43155
Palma, A. *see* Godoy, A. 54661
Palma, C. Decentered Gaussian beams, ray bundles, and Bessel-Gauss beams 45153
Palma, C. *see* De Santis, P. 23736
Palma, J.F.de *see* de Palma, J.F.
Palma, J.P. Indexed positioning of low power induction actuators 60970
Palma, J.P., Antonio, F.A., Virtuoso, V.F. A didactic configurable converter for training on inverter and chopper topologies 9338
Palma, M.De *see* De Palma, M.
Palma, T.M.Di *see* Di Palma, T.M.
Palmans, R. *see* Mouroux, A. 42677
Palmateer, S.C. *see* Burns, J.A. 22966
Palmateer, S.C. *see* Rorhschild, M. 22735
Palme, M. *see* Krause, A. 4070
Palme, M. *see* Wachter, C. 55256
Palmer, A.W. *see* Addy, R.C. 17844
Palmer, A.W. *see* Addy, R.C. 36900
Palmer, A.W. *see* Badini, G.E. 17859
Palmer, A.W. *see* Hauptmann, M.A. 27595
Palmer, A.W. *see* Kemp, J. 48642
Palmer, A.W. *see* Marshall, R.H. 27553
Palmer, A.W. *see* Marshall, R.H. 36611
Palmer, A.W. *see* Ning, Y.N. 17447
Palmer, A.W. *see* Qi Wang 17446
Palmer, A.W. *see* Shi, W.J. 48612
Palmer, A.W. *see* Shiping Chen 36609
Palmer, A.W. *see* Sun, T. 36495
Palmer, D. *see* Stahle, C.M. 37354
Palmer, D.A. *see* Andre, M.P. 37726
Palmer, D.A. *see* Otto, G.P. 37702
Palmer, D.J. *see* Kross, M.F. 41004
Palmer, D.M. *see* Kurczynski, P. 59369
Palmer, D.W. *see* Reber, C.A. 30256
Palmer, E. *see* Ledwich, G. 60216
Palmer, J.A., Nelson, J.K. The simulation of short-term streaming electrification dynamics 60838
Palmer, J.W., Anderson, W.A., Hoelzer, D.T., Hardtdegen, H. Interactions at metal/InP interfaces formed at 300 K and 77 K 22444
Palmer, J.W., Anderson, W.A., Hoelzer, D.T., Thomas, M. Cross-sectional TEM of Pd/InP and Au/InP interfaces formed at substrate temperatures near 300 and 77 K 2255
Palmer, M. *see* Zarrinch, K. 1048
Palmer, M.J., Ramsden, D. A high energy radon transform gamma-ray imaging system (REVEAL) 59366
Palmer, M.J. *see* Czarnowski, J.M. 22098
Palmer, M.J. *see* Ramsden, D. 7845
Palmer, N. *see* Mango, S. 1870
Palmer, P. *see* Dabis, H. 15728
Palmer, P.L. *see* Bartl, R. 46383
Palmer, P.L. *see* Mirmehdi, M. 46229
Palmer, P.R., Githiari, A.N. An MCT based industrial induction cooker circuit using zero current switching 51859
Palmer, P.R., Githiari, A.N., Leedham, R.J. A comparison of IGBT technologies for use in the series connection 2622
Palmer, P.R., Hinchley, D.A. The MBGT: a thyristor with IGBT switching characteristics 2611
Palmer, P.R. *see* Healey, R.C. 9585
Palmer, R., Gallardo, J. High luminosity muon collider design 49067
Palmer, R. *see* Trbojevic, D. 18008
Palmer, R.B., Gallardo, J.C., Fernow, R.C., Torun, Y., Neuffer, D., Winn, D. Monte Carlo simulations of muon production 7736
Palmer, R.B., Neuffer, D.V., Gallardo, J. A practical high-energy high-luminosity μ^+-μ^- collider 7742
Palmer, R.B., Sessler, A., Skrinsky, A., Tollestrup, A., Baltz, A.J., Chen, P., Cheng, W.-H., Cho, Y., Courant, E., Fernow, R.C., Gallardo, J.C., Garren, A., Green, M., Kahn, S., Kirk, H., Lee, Y.Y., Mills, F., Mokhov, N., Morgan, G., Neuffer, D., Noble, R., Norem, J., Popovic, M., Schachinger, L., Silvestrov, G., Summers, D., Stumer, I., Syphers, M., Torun, Y., Trbojevic, D., Turner, W., Van Ginneken, A., Vsevolozhskaya, T., Weggel, R., Willen, E., Winn, D., Wurtele, J. Muon colliders 17924
Palmer, R.B., Sessler, A., Skrinsky, A.N., Tollestrup, A., Baltz, A., Caspi, S., Chen, P., Cheng, W.-H., Cho, Y., Cline, D.B., Courant, E., Fernow, R., Gallardo, J.C., Garren, A., Gordon, H., Green, M.A., Gupta, R., Hershcovitch, A., Johnstone, C., Kahn, S., Kirk, H., Kycia, T., Lee, Y., Lissauer, D., Luccio, A., McInturff, A., Mills, F., Mokhov, N.V., Morgan, G., Neuffer, D., Ng, K.-Y., Noble, R., Norem, J., Norum, B., Oide, K., Parsa, Z., Polychronakos, V., Popovic, M., Rehak, P., Roser, T., Rossmanith, R., Scanlan, R., Schachinger, L., Silvestrov, G., Stumer, I., Summers, D., Syphers, M., Takahashi, H., Torun, Y., Trbojevic, D., Turner, W., Van Ginneken, A., Vsevolozhskaya, T., Weggel, R., Willen, E., Willis, W., Winn, D., Wurtele, J., Zhao, Y. Muon collider design 17966
Palmer, R.B. *see* Fernow, R.C. 7737
Palmer, R.B. *see* Fernow, R.C. 7739
Palmer, R.B. *see* Fernow, R.C. 17931
Palmer, R.B. *see* Gallardo, J.C. 17974
Palmer, R.B. *see* Garren, A. 17972
Palmer, R.B. *see* Neuffer, D.V. 7693
Palmer, R.B. *see* Neuffer, D.V. 17888
Palmer, R.D., Larsen, M.F., Howell, P.B., Cho, J.Y.N., Narayanan, R.M., Kelley, M.C. A new spatial interferometry capability using the Arecibo 430-MHz radar 60052
Palmer, R.D. *see* Corner, B.R. 18823
Palmer, R.D. *see* Howell, P.B. 18825
Palmer, R.D. *see* Narayanan, R.M. 26941
Palmer, R.D. *see* Ren, Y. 18826
Palmer, R.E. *see* Sharpe, R.G. 32099
Palmer, R.E. *see* Tada, T. 42588
Palmer, R.L. *see* Wintenberg, A.L. 59316
Palmer, S. Liquid-crystal cell with a wide viewing angle and a high cell contrast 55378
Palmer, T.A., King, D.E. Low cost real-time IR scene generation for image projection and signal injection 28530
Palmer, W.D. *see* Cha-Mei Tang 22149
Palmer-Brown, D. *see* Barker, S.E. 57527
Palmerio, B., Dervieux, A. Multimesh and multiresolution analysis for mesh adaptive interpolation 30584
Palmier, D., Goiffon, A., Capelle, B., Detaint, J., Philippot, E. Crystal growth and characterizations of quartz-like material: gallium phosphate ($GaPO_4$) 10596
Palmier, D. *see* Zarka, A. 13229
Palmier, D. *see* Zarka, A. 23183
Palmier, J.F. *see* Dutisseuil, E. 2150
Palmier, J.F. *see* Seidel, W. 42075
Palmiere, E.J. *see* Hoydick, D.P. 21365
Palmiere, E.J. *see* Xu Hongqing 10934
Palmieri, M. *see* Contiero, C. 43346
Palmieri, R. *see* Alessandria, F. 49017
Palmieri, V., Porcellato, A.M., Ruzinov, V.L., Stark, S.Y., Badan, L., Beltramin, A., Bertazzo, L., Preciso, R., Stivanello, F., Bisoffi, G., Boscagli, L., Carlucci, D., Dainelli, A., Fortuna, G., Gustafsson, S., Lombardi, A., Morvillo, M. Installation in the LNL ALPI linac of the first cryostat with four niobium quarter wave resonators 49140
Palmieri, V. *see* Dainelli, A. 49138
Palmieri, V. *see* Fortuna, G. 49069
Palmieri, V. *see* Lombardi, A. 37117
Palmisano, F. *see* Grossoni, M. 9136
Palmisano, G., Palumbo, G. High performance CMOS current comparator design 11620
Palmisano, G., Palumbo, G. A compensation strategy for two-stage CMOS opamps based on current buffer 31129
Palmisano, G., Palumbo, G., Pennisi, S. A high accuracy CMOS CCII+ 1563
Palmkvist, K. *see* Vesterbacka, M. 41343
Palmour, J.W., Singh, R., Waltz, D.G. High power 4H-SiC thyristors 2614
Palmour, J.W. *see* Levinshtein, M.E. 31890
Palmour, J.W. *see* Moore, K.E. 21929
Palmour, J.W. *see* Slater, D.B., Jr. 2835
Palmstrom, C.J. *see* Brehmer, D.E. 12875
Palmstrom, C.J. *see* Moon-Ho Park 22426
Palmstrom, C.J. *see* Park, M.-H. 32071
Palnati, P., Leonardi, E., Gerla, M. Bidirectional shufflenet: a multihop topology for backpressure flow control 47190
Palnati, P. *see* Geria, M. 57907
Palnati, P. *see* Leonardi, E. 6144
Palo, S.E. *see* Chang, J.L. 60051
Paloheimo, J. *see* Bolognesi, A. 55447
Paloheimo, J. *see* Pal, A.J. 33298
Paloheimo, J. *see* Pal, A.J. 33307
Palomar, D. *see* Anguita, M. 31441
Palomba, M.T. *see* Ferdeghini, E.M. 49479
Palombari, R. *see* Alberti, G. 48720
Palombieri, G. *see* Passeri, P. 47414
Palombo, A. *see* Mazzei, P. 61342
Palombo, C. *see* Paterni, M. 49441
Palombo, F. *see* Aulchenko, V.M. 37243
Palombo, F. *see* Lanni, F. 37484
Palomino, E., Stevens, J., Wiles, J. A control system for improved battery utilization in a PV-powered peak-shaving system 50848
Paloscia, S. *see* Coppo, P. 8381
Paloscia, S. *see* Ferrazzoli, P. 28673
Palosz, W., Grasza, K., Gillies, D., Jerman, G. Growth of cadmium-zinc telluride crystals by controlled seeding "contactless" physical vapor transport 12242
Palouar, P. *see* Gaboury, P. 20962
Palounek, A. *see* Matthews, J.A.J. 37266
Paloura, E.C. *see* Katsikini, M. 22219
Palreddy, S. *see* Reddy, N.P. 18199
Palsson, H., Fortea-Laguna, S. The human wants for freedom and its influence on telecommunications 46844
Palsson, T., Bjorgvinsson, J.B., Eiriksson, A., Brekkan, A. Functional and technical items in a national teleradiology system 28285
Palsule, C., Paschen, U., Cohen, J.D., Yang, J., Guha, S. Evidence for hole traps at the amorphous silicon/amorphous silicon-germanium heterostructure interface 42077
Palsule, C.P. *see* Holtz, M. 22233
Palti-Wasserman, D., Brukstein, A.M., Beyar, R.P. Identifying and tracking a guide wire in the coronary arteries during angioplasty from X-ray images 28243
Palumbo, A. *see* Lamberti, N. 55009
Palumbo, G. *see* Palmisano, G. 1563
Palumbo, G. *see* Palmisano, G. 11620
Palumbo, G. *see* Palmisano, G. 31129
Palumbo, L. *see* Zobov, M. 49224
Palumbo, M. *see* Cardarelli, G. 42810
Palumbo, P. *see* Dalla Mora, M. 34843
Palus, M. Nonlinearity in normal human EEG: cycles, temporal asymmetry, nonstationarity and randomness, not chaos 49665
Palz, W. Twenty years of renewable energy development by the European Commission–a review 29149
Palz, W. Strategic options for PV development in Europe 29158
Palz, W. Development concepts of wind technology in the European union 29163
Palzev, Y.P. *see* Grigoriev, Yu.G. 37914
Pamakstis, V. *see* Ragauskas, A. 18361
Pamakstis, V. *see* Ragauskas, A. 49425
Pamela, J., Bucalossi, J., Desgranges, C., Fumelli, M., Massmann, P., Simonin, A. Preliminary results of the 1 MeV SINGAP D^- acceleration experiment 36993
Pampaloni, E., Residori, S., Soria, S., Arecchi, F.T. Phase locking in nonlinear optical patterns 33652
Pampaloni, E. *see* Arecchi, F.T. 55875
Pampaloni, E. *see* Ramazza, P.L. 13715
Pampaloni, P. *see* Coppo, P. 8381
Pampaloni, P. *see* Ferrazzoli, P. 28673
Pamplona-Pires, M. *see* Yavich, B. 54353
Pamula, V.K. *see* Venkatasubramanian, R. 779
Pamulapati, J. *see* Kan'an, A.M. 12429
Pamulapati, J. *see* Kan'an, A.M. 16697
Pamulapati, J. *see* Wei Gao 760
Pamulapati, J. *see* Weimin Zhou 12408
Pan, A.-W., He, J., Kinouchi, Y., Yamaguchi, H. Spectrum of CW ultrasonic Doppler signal in relation to blood velocity distribution 18227
Pan, A.-W. *see* He, J. 18402
Pan, C.-T. *see* Hung, C.-M. 60727
Pan, C.T. *see* Jiang, M.C. 60869
Pan, D., Li, J., Zeng, Y., Kong, M. Wide spectral response of two-dimensional grating for quantum well infrared detector and wideband bound-quasibound QWIPs 48510
Pan, E.T.-S., Nicolet, M.-A. Langmuir-Blodgett films in metal-silicon contacts 22437
Pan, F. *see* Follonier, S. 4029
Pan, F. *see* Follonier, S. 55845
Pan, G.Z. *see* Prussin, S. 54340
Pan, H., Hu, Y.F., Efthymiou, N. VSAT ATM network management 26667
Pan, H. *see* Ngoh, L.H. 58007
Pan, H.-P. General stereo image matching using symmetric complex wavelets 34996
Pan, H.B. *see* Luiten, A.N. 48500
Pan, H.G. *see* Xiu-Feng Han 43628
Pan, H.Y. *see* Wang, J.L. 23297
Pan, J. *see* Lin, B.C. 6860
Pan, J.-S. *see* Cheng, P.-H. 23925
Pan, J.-Y. *see* Dai, H. 16772
Pan, J.J., Chen, J., Shi, Y., Wang, L.H., Jiang, P., Shih, M. Fiber grating stabilized miniature fiber amplifier 14000
Pan, J.J., Xu, J.Y., Shih, M. Increasing isolation, independence of polarization 23480
Pan, J.J. *see* Jun Li 3682
Pan, J.J. *see* Yuan Shi 23794
Pan, J.N., Cooper, J.A., Jr., Melloch, M.R. Activation of nitrogen implants in 6H-SiC 54138
Pan, J.N., Wu, S.L. Process capability analysis for non-normal relay test data 31559
Pan, J.S., Wee, A.T.S., Huan, C.H.A., Tan, H.S., Tan, K.L. XPS studies on nitridation of InP(100) surface by N_2^+ ion beam bombardment 12772
Pan, J.S., Wee, A.T.S., Huan, C.H.A., Tan, H.S., Tan, K.L. AES analysis of silicon nitride formation by 10 keV N^+ and N_2^+ ion implantation 32150
Pan, K. On the convergence of rational functions orthogonal on the unit circle 10459
Pan, K. On Sobolev orthogonal polynomials with coherent pairs: the Jacobi case 52536
Pan, L.S. *see* Bauer, C. 37326
Pan, L.S. *see* Bauer, C. 37378
Pan, L.S. *see* Talin, A.A. 12073
Pan, M. *see* Whidden, T.K. 42843
Pan, M.-C., Sas, P., van Brussel, H. Nonstationary time-frequency analysis for machine condition monitoring 50886
Pan, M.-W., Shi, B.-P., Gray, G.R. Semiconductor laser dynamics subject to strong optical feedback 33513
Pan, S., Mitchell, I.V. Effect of interaction between point defects and pre-existing dislocation loops on anomalous B diffusion in silicon 22534
Pan, T. *see* Ray, U. 22060
Pan, T.-S. *see* Pretorius, P.H. 28237
Pan, T.-Y. *see* Blair, H.D. 39348
Pan, V. *see* Kaltofen, E. 10471

Pan, V.Y. Computing x^m mod p(x) and an application to splitting a polynomial into factors over a fixed disc 30591
Pan, W., Yaguchi, H., Hanamaki, Y., Ishikawa, M., Kaneko, Y., Onabe, K., Ito, R., Shiraki, Y. A highly luminescent crescent-shaped tensile-strained GaAsP/AlGaAs quantum wire laser structure 44556
Pan, W. *see* Lee, S.M. 36606
Pan, W.H.T., Chang-Ru Lee, Lay-Hua Lim A new video path analyzer to monitor travel distance, rearing, and stereotypic movement of rats 37746
Pan Bang Fei *see* Huang Lin Gyi 53157
Pan Boliang *see* Yao Zhixin 3701
Pan Chen-Yang *see* Chen-Yang Pan
Pan Ci-Ling *see* Ci-Ling Pan
Pan Derong *see* Derong Pan
Pan Dong, Niu Hanben Amorphouslike properties in optical process of alkali antimonide photocathodes 1911
Pan Dong *see* Dong Pan
Pan En-Yea *see* En-Yea Pan
Pan Feng *see* Feng Pan
Pan Fu-Ming *see* Fu-Ming Pan
Pan Guangwen *see* Guangwen Pan
Pan Heng-Fu, Wang Pu, Fan Xiao-Feng, Wang Rui-Hua, Lu Bao-Sheng Effects of Lu^{3+} doping on optical properties and laser performances of NYAB crystal 3792
Pan Hongge, Yang Fuming, Chen Changpin, Han Xiufeng, Tang Ning, Hu Jifan, Wang Jianli, Zhao Ruwen, Zhou Kaiwen, Wang Qidong Formation and magnetic properties of $R_3(Fe,Mo)_{29}$ intermetallic compounds (R=Nd, Sm and Gd) 23296
Pan Hongshu, Huang Zhongsheng 3.1~3.4 GHz 28 W silicon pulsed high power transistor 53618
Pan Jen-Wei *see* Jen-Wei Pan
Pan Ji, Zhao Honglin, Yang Enze Simulation and fabrication of GeSi rib waveguide Y power divider 3414
Pan Jianping *see* Jianping Pan
Pan Jin-Fang *see* Zhao Jian-Ming 44791
Pan Jing *see* Jao Zhixian 53619
Pan Kun *see* Chen Nuofu 2044
Pan Lingjun *see* Mao Zepu 59254
Pan Longxing *see* Hou Zhijian 28844
Pan Qi *see* Qi Pan
Pan Shan-Cheng *see* Shan-Cheng Pan
Pan Shangfeng *see* Feng Zhijing 48341
Pan Shaohua *see* Shi Junjie 2036
Pan Sheau-Shi *see* Sheau-Shi Pan
Pan Shing-Kuo *see* Shing-Kuo Pan
Pan Shoukui *see* Zhang Yueping 10668
Pan Sung Bum *see* Sung Bum Pan
Pan Te-Wen *see* Te-Wen Pan
Pan Tin-Su *see* Tin-Su Pan
Pan Tsung-Yu *see* Tsung-Yu Pan
Pan Wenxia, Zou Ying Optimal estimation of two layer soil parameters 19382
Pan Wu, Wang Ding Study of diffraction efficiency for slitless rainbow hologram 44792
Pan Xiaoning, Zhang Cunzhou, Ji Hongshun, Zhu Jian, Zhang Guangyin, Wang Jiansheng, Wang Chingyue New emissions in a Nd:YAG small spherical cavity 44430
Pan Yi, Liu Zhuo, Yu Erkeng, Liu Guangyi On-line dispatcher training simulators in energy management system 38298
Pan Yi *see* Yi Pan
Pan Yingjun *see* Yingjun Pan
Pan Yongle *see* Chen Lingbing 33716
Pan Yu-Chun *see* Yu-Chun Pan
Pan Yue, Zheng Yingping A bilateral bargaining model with randomly chosen offer rights 21037
Pan Yueming *see* He Nanqiang 28739
Pan Yuming *see* Zhang Yimin 8982
Pan Yunhe *see* Zhuang Yueting 15832
Pan Zhijian, Yan Fuwang, Liu Mengan, Wang Guangen Method for bearings-only underwater target motion analysis 58494
Pan Zhong *see* Zhong Pan
Pan Zigang *see* Zigang Pan
Pan Ziqiang, Wane Zhibo, Chen Zhuzhou, Zhang Yongxine, Xie Jianlun Radiological environmental impact of the nuclear industry in China 49818
Pan Zushan *see* Chen Guoxiong 19834
Pan Zushan *see* Ye Zhongming 19112
Pan-Chio Tuan, Tzu-Chung Moh, Sou-Chen Lee, Li-Wei Fong Emitter location using an angle-only tracking filter with own-ship trajectory estimation 48174
Pan-Seok Shin, Jinhee Lee Magnetic field analysis of amorphous core transformer using homogenization technique 41558
Pan-Seok Shin *see* Young-Ho Lee 41412
Panaev, I.A., Studenikin, S.A., Tkachenko, V.A., Tkachenko, O.A., Heremans, J.P., Partin, D.L., Morelli, D.T., Thrush, C.M. An investigation of the multicarrier transport properties of δ-doped InSb at high temperatures using a mobility spectrum technique 12279
Panaget, M.-P., Goldman, A., Goldman, M. Ozone in wire-to-plane electrode systems 9149
Panagiotidis, N.G., Delopoulos, A.N., Kollias, S.D. Application-driven computation of optimum quantisation tables for DCT-based block coders 15645
Panagiotopoulos, P.D., Panagouli, O. Mechanics on fractal bodies. Data compression using fractals 34558
Panagouli, O. *see* Panagiotopoulos, P.D. 34558
Panahi, A. *see* Kaminski, R.L. 16771
Panahi, I. *see* Masten, M.K. 53302
Panaitescu, I. *see* Bottauscio, O. 39319
Panajkar, M.S., Phatak, G.M., Gangadharan, K., Gopalkrishnan, I.K., Gopinathan, C. Preparation of high-T_c superconducting ceramic/polymer composites using gamma radiation 32960
Panajotov, K.P. Evanescent field coupling between a single-mode fiber and a planar waveguide with absorption or gain 13582
Panajotovo, K.R., Tenev, T., Zartov, G., Peyeva, R., Pelt, M., Thienpont, H., Veretennicoff, I. Polarization switching of anisotropic interference filters-experimental evidence and describing using a coupled opto-thermal multilayer model 44171
Panareo, M. *see* Andryakov, A. 37226
Panariello, G., Gonnella, M., Scaglione, A. Laguerre-Gauss approximation for the transverse field of single-mode optical fibers 3376
Panas, M. *see* Lukaszewicz, J.P. 36543
Panas, S.M. *see* Rekanos, I.T. 52904
Panasenkov, V.I. *see* Arutyunov, V.A. 58829
Panasik, C., Cone, D., Siep, T. Site survey for wireless communications evaluation for New York Mercantile Exchange 47606
Panasyuk, L.M., Chapurin, I.V. Processes of double-exposure interferogram formation on deformed surface of photothermoplastic media 24267
Panayiotakis, G. *see* Cavouras, D. 28276
Panayiotakis, G. *see* Costaridou, L. 7973
Panayiotakis, G. *see* Kandarakis, I. 28290
Panayiotakis, G.S. *see* Cavouras, D. 8027
Panayiotopoulos, C.P., Chroni, E. F-waves in clinical neurophysiology: a review, methodological issues and overall value in peripheral neuropathies 28309
Panayiotopoulos, C.P. *see* Chroni, E. 28310
Panayirci, E., Bar-Ness, Y. Rejection of multiple tone interference in DS spread-spectrum systems employing minimum redundant transversal filters 6441
Panayirci, E. *see* Ozden, M.T. 45727
Panayotatos, P. *see* Aperathitis, E. 51578
Pancha, P., Karol, K. Guaranteeing bandwidth and minimizing delay in packet-switched (ATM) networks 35449
Pancha, P. *see* Ayanoglu, E. 47087
Pancha, P. *see* Ayanoglu, E. 47542
Pancha, P. *see* Ayanoglu, E. 57958
Pancha, P. *see* Karol, M.J. 5833
Panchal, C.G., Sinha, A., Bhawe, B.D., Shyam, A., Srinivasan, M. Evaluation of resolving power of a neutron radioscopy system from edge response function measurements 52871
Panchali, D. *see* Kulkarni, S.V. 13216
Panchanathan, S., Gamaz, N., Jain, A. JPEG based scalable image compression 15920
Panchanathan, S. *see* Fatemi, O. 15500
Panchanathan, S. *see* Fatemi, O. 21621
Panchanathan, S. *see* Fatemi, O. 46404
Panchanathan, S. *see* Grzeszczak, A. 1471
Panchanathan, S. *see* Hu, Q. 15501
Panchanathan, S. *see* Hu, Q. 57359
Panchanathan, S. *see* Idris, F. 15741
Panchanathan, S. *see* Idris, F. 57347
Panchanathan, S. *see* Le, T.M. 15498
Panchanathan, S. *see* Le, T.M. 46407
Panchanathan, S. *see* Mandal, M.K. 5432
Panchanathan, V. *see* Sellers, C.H. 32788
Panchenko, A.N., Sosnin, E.A., Tarasenko, V.F. Ultraviolet KrCl excilamps pumped by a pulsed longitudinal discharge 61318
Panchenko, A.N. *see* Tarasenko, V.F. 23737
Panchenko, T.V., Yanchuk, Z.Z. Photoconductivity of doped $Bi_{12}SiO_{20}$ crystals 13798
Panchenko, V.P. *see* Bukhteev, L.A. 9563
Panchenko, V.Ya. *see* Arnold, W. 11009
Panchenko, V.Ya. *see* Galushkin, M.G. 55489
Panchenko, Yu.N. *see* Ivanov, N.G. 14250
Panchenko, Yu.N. *see* Losev, V.F. 44356
Pancheri, G. *see* Courau, A. 59255
Pancholy, R. *see* Cameron, H. 14873
Panciera, R. *see* Sacconi, A. 27305
Panconesi, A. *see* Malesinska, E. 47715
Panda, A.K., Dash, G.N., Pati, S.P. Multiple-band microwave oscillations in 8-350 GHz range from a silicon double avalanche region diode 2576
Panda, A.K., Satapathy, S., Dash, S.K., Dash, G.N., Pati, S.P. Role of avalanche phase delay in the performance of GaAs DDRs with different crystal orientations 1704
Panda, A.K. *see* Pati, S.P. 53583
Panda, G., Maharatha, S.K., Satapathy, J.K. On the development of an intelligent sensor using nonlinear identification and ANN techniques 48456
Panda, G., Satpathy, J.K., Patra, S.K. Development of new neural adaptive equalisers and their performance comparison with existing techniques 35388
Panda, P.R., Dutt, N.D. Low power mapping of behavioral arrays to multiple memories 11448
Panda, P.R., Dutt, N.D. Behavioral array mapping into multiport memories targeting low power 53274
Panda, R., Chatterji, B.N. Gabor function: an efficient tool for digital image processing 46231
Panda, R., Rath, G.S., Chatterji, B.N. Generalized B-spline signal processing 24918
Panda, R. *see* Safari, A. 10978
Panda, R.K. *see* Safari, A. 32655
Panda, S.K. *see* Haiqing Yang 51658
Panda, S.K. *see* Ho, C.P. 60789
Pande, M., Jin, H., Joos, G. Modulated integral control technique for compensating switch delays and nonideal DC buses in voltage-source inverters 51192
Pande, M., Joos, G., Jin, H. Output voltage integral control technique for compensating nonideal DC buses in voltage source inverters 51138
Pandel, D. *see* Karle, A. 6828
Pandey, A.K. *see* Mishra, P.R. 9557
Pandey, B.N., Rai, O. Shrinkage testimation of the shape parameter of an inverse Gaussian distribution using $A(\alpha+\beta)_{min}$ test 40029
Pandey, D., Tyagi, S.K., Tyagi, S. Reliability analysis of star type local area networks 57807
Pandey, M. *see* Billinton, R. 19246
Pandey, M. *see* Ganguly, N. 36431
Pandey, P. *see* Porter, C. 2414
Pandey, R.K. *see* Solayappan, N. 52782
Pandey, R.N., Babu, K.S.C., Srivastava, O.N. High conversion efficiency photoelectrochemical solar cells 29634
Pandey, S.P. *see* Srivastava, P.C. 32063
Pandey, S.U., Cooper, D., Dyke, H., Elliot, D., Humanic, T.J., Kirkman, J., Kotov, I.V., Lo Curto, G., Sugarbaker, E., Vilkelis, G., Bellwied, R., Dou, L., French, A., Hall, J., Pruneau, C., Rykov, V., Takahashi, J., Wilson, W.K., Beuttenmueller, R., Chen, W., DiMassimo, D., Kraner, H.W., Liaw, C.J., Lynn, D., Sedlmeir, J., Hoffmann, G.W., Paganis, S., Read, D., Schambach, J. Transport properties of electrons in silicon drift detectors measured in large magnetic fields 37293
Pandey, S.U. *see* Bellwied, R. 59284
Pandharipande, V. *see* Srinivas Rao, K. 11641
Pandharipande, V.M. *see* Borkar, V.G. 4364
Pandharipande, V.M. *see* Srinvas Rao, K. 1681
Pandhumsoporn, T. *see* Cowen, C.S. 40866
Pandian, P. *see* Kanniappan, P. 21086
Pandiarajan, P. *see* Gourishankar, S. 60550
Pandini, D., Guardiani, C., Gubian, P. A moment matching based methodology for crosstalk analysis 11249
Pandit, A. *see* Li, J. 59739
Pandit, M.K., Payne, F.P. Cerenkov second-harmonic generation by nondiffracting Bessel beams in bulk optical crystals 44643
Pandit, V., McDermott, R., Lazzi, G., Furse, C., Gandhi, O. Electrical energy absorption in the human head from a cellular telephone 18563
Pando L., C.L. The application of recurrent synchronism in secure communications 25832
Pandoulas, D. *see* Adam, A. 37280
Pandraud, G. *see* Mure-Ravaud, A. 3447
Pandraud, G. *see* Pelissier, S. 23521
Pandu Rangaiah, S.V. *see* Reddy, P.N. 41845
Pandurangan, A., Cornett, F. Equalization of very high speed wire data channels 47502
Pandurangan, A., Cornett, F. Continuous-time equalizers with adaptive break frequencies 47503
Pandya, K.Vinodrai *see* Vinodrai Pandya, K.
Panebianco, S. *see* Randazzo, N. 37511
Panebianco, S. *see* Russo, G.V. 18137
Panek, M. *see* Paszkiewicz, B. 3645
Panek, P. *see* Hine, N. 6172
Panepucci, R., Reuter, E., Fay, P., Youtsey, C., Kluender, J., Caneau, C., Coleman, J.J., Bishop, S.G., Adesida, I. Quantum dots fabricated in InP/InGaAs by free Cl_2 gas etching and metalorganic chemical vapor deposition regrowth 22377
Panepucci, R. *see* Osowski, M.L. 44502
Panerai, F. *see* Capurro, C. 15571
Panerai, F. *see* Capurro, C. 35213
Panerai, F.M., Juday, R.D. Probabilistic anti-aliasing methods for dynamic variable resolution images 35127
Panerai, L., Capineri, L., Masotti, L., Mazzinghi, P., Mazzoni, M. Design and fabrication of a low cost matrix of pyroelectric transducers for applications in CO_2 laser systems 58764
Panero, S., Clemente, A., Spila, E. Solid state supercapacitors using gel membranes as electrolytes 21993
Panescu, D. Intraventricular electrogram mapping and radiofrequency cardiac ablation for ventricular tachycardia 49675
Panescu, D., Fleischman, S.D., Whayne, J.G., Swanson, D.K. Contiguous lesions by radiofrequency multielectrode ablation 59758
Panescu, D., Fleischman, S.D., Whayne, J.G., Swanson, D.K. Effects of temperature sensor placement on performance of temperature-controlled ablation [cardiac arrhythmias application] 59759
Panescu, D., Fleischman, S.D., Whayne, J.G., Swanson, D.K. Temperature distribution under cooled electrodes during radiofrequency catheter ablation 59760
Panescu, D., Mirotznik, M.S., Schwartzwandler, J., Whayne, J.G., Kordis, T.F., Swanson, D.R. Frequency domain analysis of fractionation in ventricular bipolar electrograms 59573
Paneva, R. Micromechanical ultrasonic transducer for liquid nebulization 18975
Pang, H.L.J. *see* Yeo, C.K. 236
Pang, H.L.J. *see* Yeo, C.K. 22026
Pang, J.P. *see* Feng, H. 54213
Pang, J.T.C., Choy, O.C.S., Chan, C.F., Cham, W.K. Self-timed 1-D ICT processor 41262

Pang, L. *see* Nai-Hsiang Sun 13645
Pang, L.Y.S., Chan, S.S.M., Jackman, R.B., Johnston, C., Chalker, P.R. A thin film diamond p-channel field-effect transistor 22837
Pang, P.B.K., Greenstreet, M.R. Self-timed meshes are faster than synchronous 53227
Pang, S.L. *see* Chan, W.L. 50500
Pang, S.W. *see* Ko, K.K. 22879
Pang, S.W. *see* Rakhshandehroo, M.R. 22171
Pang, S.W. *see* Thomas, S., III 23963
Pang, S.W. *see* Thomas, S., III 54393
Pang, S.W. *see* Weigold, J.W. 43396
Pang, T. *see* Gu, Y.M. 22388
Pang, V.Y.C., Irvine-Halliday, D. A fail safe temporary reorganization procedure for STARMAP routing tables in the event of a primary hub or link failure 16125
Pang, W.J. *see* Qiu, J.F. 40661
Pang Boey Lim *see* Lim Pang Boey
Pang Deling, Huang Gang An etching image recognition system of solid state nuclear tracks 37475
Pang Gendi *see* Gendi Pang
Pang Hyo-Sun *see* Hyo-Sun Pang
Pang Li *see* Li Pang
Pang Lin *see* Chang Feng Yu 13816
Pang Lin *see* Chung Ming Chu 23166
Pang Lin *see* Tang Jiyue 55923
Pang Lin *see* Lin Pang
Pang Tao *see* Liu Yongzhi 3429
Pang Tin-Chak-Johnson *see* Tin-Chak-Johnson Pang
Pang Xie *see* Xie Pang
Pang Yuk-Wah *see* Yuk-Wah Pang
Pang-Jen Kung *see* Fenner, D.B. 10747
Pang-Shyan Kooi *see* Le-Wei Li 45322
Pangal, K., Firebaugh, S.L., Sturm, J.C. Micro-electro-mechanical charge sensing devices 7317
Pangalos, G. *see* Doukidis, G. 35543
Pangburn, J. VISION: API for portable VMEbus software 57837
Pangburn, T. *see* Zhang, J. 8414
Pangdow Foo *see* Lianjun Liu 32231
Pani, A. *see* Nath, S.K. 38031
Pani, R. *see* de Notaristefani, F. 28228
Pani, S. *see* Arfelli, F. 37666
Pani, S. *see* Arfelli, F. 49329
Pani, S. *see* Arfelli, F. 59555
Panicacci, R. *see* Zhou, Z. 17505
Panicker, J., Kumar, S. Effect of system imperfections on BER performance of a CDMA receiver with multipath diversity combining 6530
Panicker, J., Mishra, G., Yadav, U.S., Maheshwari, K.P., Gallerano, G.P. Spontaneous emission in longitudinal wiggler and solenoidal magnetic field 3913
Panicker, T.M., Mathews, V.J. Parallel-cascade realizations and approximations of truncated Volterra systems 15373
Panico, M.R. *see* Alfano, B. 28268
Paniez, P.J. *see* Schiltz, A. 42856
Panin, G., Piqueras, J., Sochinskii, N., Dieguez, E. Effect of α-HgI_2 epitaxial growth on the defect structure of CdTe:Ge substrates 30772
Panin, G., Piqueras, J., Sochinskii, N.V., Dieguez, E. Cathodoluminescence study of the effect of annealing in HgI_2 vapor on the defect structure of CdTe 31824
Panin, G.N. *see* Piqueras, J. 41989
Panin, S.Yu. *see* Likhomanov, A.M. 50899
Panin, S.Yu. *see* Likhomanov, A.M. 51721
Panin, V.S. *see* Aulchenko, V.M. 37243
Panina, L.V., Mohri, K. Effect of magnetic structure on giant magneto-impedance in Co-rich amorphous alloys 3056
Panis, S., Ziegler, M., Cosmas, J.P. The use of stereo and motion in a generic object-based coder 56672
Panizo, M. *see* Represa, J. 33785
Panizza, M. Linear–intelligent and secure compensation for line voltage variations 29418
Panizza, U. *see* Groppo, R. 51816
Panizzolo, R. *see* Da Villa, F. 9936
Panjabi, M.M. *see* Cholewicki, J. 37595
Pank, B. A server-based post-production system 17054
Pank, B. "Clipbox" in the centre of the "news" 27137
Pankaj, R. *see* Faloutsos, M. 46831
Pankaj, R. *see* Young, A. 48019
Pankaj, R.K. *see* Avanessian, A. 46832
Pankaj, R.K. *see* Avanessian, J.V. 48020
Pankanti, S. *see* Lin Hong 25475
Pankau, J. *see* Skibinski, G. 29247
Pankau, J. *see* Skibinski, G. 38845
Panken, F.M. A mathematical model to evaluate the performance of a class of centralized MAC protocols 35504
Pankov, E.D. *see* Batyan, P.V. 48867
Pankov, V., Henis, A., Dubanevich, D., Malashevich, A., Shablovski, A. The modified aerosol pyrolysis as a preparation route of hexaferrite particles for magnetic media 21370
Pankove, J.I. *see* Qiu, C.H. 41980
Pankratov, A.L. *see* Malakhov, A.N. 13500
Pankratov, D.V. *see* Gromov, B.F. 37192
Pankuch, P. *see* Mazarakis, M.G. 17897
Panlasigui, A. *see* Wolfe, T.R. 24412
Panman, J. *see* Annis, P. 59237
Pannala, S., Swaminathan, M., Peterson, A. Radiated emission from interconnects using transmission line approach 45257
Panneerselvam, G., Graumann, P.J.W., Turner, L.E. Implementation of Fast Fourier Transforms and Discrete Cosine Transforms in FPGAs 11474
Pannell, C.N., Wacogne, B.F.M., Edwards, M.P. New developments in fiber-optic and fiber-compatible modulators employing zinc oxide piezoelectric transducers 13632
Pannell, C.N. *see* Dhliwayo, J. 48591
Panneton, R.J. *see* Hwu, S.U. 56121
Pannhorst, W. *see* Doyle, D. 6814
Panno, D. *see* Andronico, M. 4974
Panno, D. *see* Ascia, G. 35425
Panno, D. *see* Catania, V. 5760
Pannocchia, R. *see* Giordano, S. 6330
Panofsky, W.K.H. The creation of SLAC leading to 30 years of operation 37007
Panossian, M.S. *see* Aroutiounian, V.M. 27728
Panov, Y. *see* Gholdston, E.W. 18714
Panreck, K., Dorrscheidt, F., Dormeier, S. Applicability of process simulation in polymer extrusion 10962
Pant, A. *see* Jairath, R. 2387
Pant, B.B. Design tradeoffs for high sensitivity magnetoresistive transducers 48431
Pant, G.S. *see* Rajabi, H. 18243
Pant, H.C. *see* Shukla, M. 17478
Pantaleo, A. *see* Colonna, N. 37521
Pantaleon-Prieto, C. *see* Santamaria-Caballero, I. 15390
Pantaleon-Prieto, C.J. *see* Santamaria-Caballero, I. 4855
Pantaloni, M. *see* Coninckx, F. 28477
Pantano, D. *see* Bacchetta, N. 36561
Pantazis, J.A. *see* Jordanov, V.T. 37502
Pantazopoulos, G. *see* Mamalis, A.G. 43877
Pantchev, B., Nikolov, Z., Voges, E. Coupling efficiency in ion-exchanged homogeneous refracting waveguide lenses in glass 23542
Pantelakis, P. *see* Kriezis, E.E. 45339
Panteleev, A.V. *see* Shananin, R.A. 44432
Pantelica, D., Drafta, G., Borcan, C., Diaconescu, D., Buda, M., Ghita, R. RBS analysis of Au/Cr contact on GaAs 42274
Pantelides, S.T., Ramamoorthy, M., Maiti, A., Chisholm, M., Pennycook, S.J. Complex impurity dynamics in silicon 42407
Pantelides, S.T. *see* Maiti, A. 22212
Pantelides, S.T. *see* Maroudas, D. 42735
Pantelimon, B. *see* Grigorescu, S.-D. 17238
Pantell, R.H. *see* Arbore, M.A. 17410
Pantell, R.H. *see* Digonnet, M.J.F. 24086
Pantell, R.H. *see* Digonnet, M.J.F. 33017
Pantell, R.H. *see* Digonnet, M.J.F. 33040
Pantenburg, F.J. *see* Borner, M.W. 54835
Pantenburg, F.J. *see* Neumann, M. 42896
Pantic, D. *see* Habas, P. 12919
Pantjiaros, C.A., Laycock, P.J., Gott, G.F., Chan, S.K. Development of the Laycock-Gott occupancy model 45219
Pantjiaros, C.A. *see* Gott, G.F. 45218
Panton, W. *see* Chen, S.-W. 25885
Pantos, E. *see* Sasaki, J.M. 41937
Pantsyrnyi, V. *see* Nikulin, A. 55098
Pantziou, G.E., Roberts, A., Symvonis, A. Dynamic tree routing under the "matching with consumption" model 57587
Panunto, M.J., Summers, G.P. The effect of an applied electric field on defect introduction rates in n-type InP [solar cells] 39047
Panusopone, K., Cheevasuvit, F., Rao, K.R. Adaptive subsampling for image compression 5334
Panusopone, K., Rao, K.R. Modified tree structure for transform vector quantization 5160
Panusopone, K., Rao, K.R. Scaled hierarchical vector quantization 25377
Panusopone, K. *see* Huh, Y. 15477
Panvier, R. *see* Buhler, S. 49018
Panwar, N.S., Vargheese, K.D., Rao, G.M. Design and performance study of a scanning magnetron sputtering target 40655
Panwar, S.S. *see* Gogate, N. 35769
Panyam, A. *see* Danda, S. 1063
Panych, L.P. *see* Oshio, K. 7884
Panzer, K. Bidirectional optical transmission with BIDI: just one fiber to the subscriber 47986
Panzieri, F., Roccetti, M. Synchronization support and group-membership services for reliable distributed multimedia applications 47335
Pao, D.C.W., Leung, S.C. Space division approach to implement a shared buffer in an ATM switch 46625
Pao, D.C.W., Leung, S.C. Sharing buffer in an input-output buffered ATM switch without scaling up memory bandwidth requirement 46639
Pao, T.-L., Wu, J.-S. Hybrid block matching algorithm for motion estimation 15619
Pao, Y.-H., Jih, E., Siddapureddy, V. Development of an integrated design system for thermal reliability prediction of SMT solder interconnects 21002
Pao, Y.-H., Jung, W., Cooper, R., Sankaran, V.A., Xu, X. Thermal fatigue modeling of solder interlayer in power electronics 31110
Pao, Y.C. *see* Hung, C.-Y. 731
Pao Kuo Chun *see* Chun Pao Kuo
Pao Yoh-Han *see* Yoh-Han Pao
Pao-Lo Liu *see* Bing-Jing Li 55678
Pao-Ta Yu, Ying-Chuan Hsiao On the optimal design of T-norm and T-conorm based fuzzy weighted order statistic filters with neural learning in the application of image processing 5545
Pao-Ta Yu *see* Rong-Chung Chen 15980
Pao-Ta Yu *see* Rong-Chung Chen 56931
Paola, A.Di *see* Di Paola, A.
Paola, K.Di *see* Di Paola, K.
Paola, R.Di *see* Di Paola, R.
Paolesse, R. *see* Di Natale, C. 58885
Paoletti, A. *see* Di Ilio, A. 40742
Paoletti, A. *see* Messina, G. 32335
Paoletti, A.M. *see* Capobianchi, A. 58887
Paoletti, D., Spagnolo, G.S. Temperature dependence of fluid mixtures diffusivity by ESPI endoscopy 7612
Paoletti, D. *see* Di Ilio, A. 40742
Paoletti, D. *see* Spagnolo, G.S. 7580
Paoletti, D. *see* Spagnolo, G.S. 48628
Paoletti, F., Gretillat, M.-A., de Rooij, N.F. A silicon micromachined tuning fork gyroscope 27547
Paoletti, F. *see* Luiten, A.N. 48500
Paoletti, R., Meliga, M., Montrosset, I. Optical modulation technique for carrier lifetime measurement in semiconductor lasers 3830
Paoletti, R. *see* Bertone, D. 52658
Paoli, A. *see* Barni, M. 57471
Paoli, G. *see* Voegelin, M.R. 7966
Paoli, M. *see* Sallagoity, P. 2791
Paolini, M. A quasi-optimal error estimate for a discrete singularly perturbed approximation to the prescribed curvature problem 40285
Paolini, M. *see* Domenis, E. 6417
Paolis, M.De *see* De Paolis, M.
Paolo, M.L.Di *see* Di Paolo, M.L.
Paoloni, A. *see* Delogu, C. 56365
Paoloni, C., D'Agostino, S. A practical approach based on a unilateral FET model for the design of a MMIC distributed amplifier 11726
Paoloni, C., D'Agostino, S. A design procedure for monolithic matrix amplifier 21973
Paoloni, S. *see* Bertolotti, M. 17797
Paoloni, S. *see* Bertolotti, M. 17857
Paoloni, S. *see* Bertolotti, M. 21395
Paoloni, S. *see* Bertolotti, M. 48978
Paolucci, A. *see* Caldon, R. 19278
Paolucci, P., Evangelista, C., Palano, A., Baldini, R., Calcaterra, A., De Sangro, R., Piccolo, M., Zallo, A., Peruzzi, I., Buzzo, A., Contri, R., Crosetti, G., Monge, R., Passaggio, S., Patrignani, C., Pia, M.G., Santroni, A., Bionta, R.M., van Bibber, K., Wenaus, T.J., Wright, D.M., Cavallo, N., Carlino, G., Lista, L., Mele, S., Parascandolo, P., Piccolo, D., Sciacca, C., Johnson, J.R. The BaBar detector for muon identification and neutral hadron detection 37242
Paolucci, P. *see* Adam, A. 37280
Paolucci, P. *see* Aloisio, A. 37491
Paoluzi, A. *see* Pareti, L. 3131
Paoluzi, L. *see* Andryakov, A. 37226
Paomets, P. *see* Ubar, R. 9889
Paorici, C. *see* Carra, S. 10639
Paorici, C. *see* Zeng, L. 10614
Pap, E. *see* Klement, E.P. 40043
Pap, G. *see* De Jager, N.G. 40028
Pap, L. *see* Mohamed, K.A. 46677
Pap, L. *see* Mohamed, K.A. 46678
Pap, R. *see* Saeks, R. 59872
Papa, C.Del *see* Del Papa, C.
Papa, F. *see* Burton, P.C.M. 20525
Papa, J.Del *see* Del Papa, J.
Papa, M. *see* Aiello, S. 1483
Papa, M. *see* Aiello, S. 49328
Papa, M. *see* Heng-Ming Tai 38754
Papa, S. *see* Dell'Aquila, A. 9209
Papachristou, C., Spining, M., Nourani, M. A multiple clocking scheme for low power RTL design 21606
Papachristou, C. *see* Nourani, M. 1312
Papachristou, C.A. *see* Chiu, S. 11289
Papachristou, C.A. *see* Kowen Lai 58632
Papachristou, C.A. *see* Wei Zhao 11484
Papachristou, P. *see* Petrou, M. 57002
Papadakis, M. Unitary mappings between multiresolution analyses of $L^2(R)$ and a parameterization of low-pass filters 25069
Papadakis, M., Stavropoulos, T., Kalouptsidis, N. An equivalence relation between multiresolution analysis of $L^2(R)$ 24983
Papadakis, M., Zollers, F.E., Hurd, S.N. Strict liability and consumer product innovation: Results from a cross-industry pilot study 9940
Papadakis, M. *see* Kapogiannopoulos, G.S. 25601
Papadakis, N., Kanatas, A.G., Constantinou, P. Microcellular propagation measurements and characteristics in urban radio environment at 1800 MHz 26623
Papadales, B., Schoenung, S. Ariel–a subsonic UAV designed to loiter at 100,000 ft altitude 59965
Papademetris, X., Belhumeur, P.N. Estimation of motion boundary location and optical flow using dynamic programming 56783
Papadias, C.B., Paulraj, A. Decision-feedback equalization and identification of linear channels using blind algorithms of the Bussgang type 5707
Papadias, C.B., Slock, D.T.M. Normalized sliding window constant modulus and decision-directed algorithms: a link between blind equalization and classical adaptive filtering 25810
Papadias, C.B. *see* Reddy, V.U. 57555
Papadias, C.B. *see* Vanderveen, M.C. 26608
Papadimitriou, D. *see* Grigoropoulos, S. 1979

Papadimitriou, D.V. *see* Sampson, D.G. 57082
Papadimitriou, S., Bezerianos, A., Bountis, T. Chaotic real-time encryption using systems of difference equations with large parameter spaces 6448
Papadimitriou, S., Bezerianos, A., Bountis, T. Secure communication with chaotic systems of difference equations 24647
Papadimitriou, V., Dennis, T.J. Surface triangulation for 3-D scene model construction from stereo 5196
Papadogiannis, N.A., Moustaizis, S.D. Nonlinear enhancement of the efficiency of the second harmonic radiation produced by ultrashort laser pulses on a gold surface 55819
Papadogonas, I.A., Andriotis, A.N., Economou, E.N. Dependence of the energy and form of the optical-absorption onset of interface diffusion in Si_nGe_m superlattices 42215
Papadopoulos, A.I., Chrissoulidis, D.P. EM-wave scattering by a coastal wedge–a physical optics approximation 33936
Papadopoulos, C.A., Vlachos, D.S., Avaritsiotis, J.N. Comparative study of various metal-oxide-based gas-sensor architectures 7476
Papadopoulos, C.A., Vlachos, D.S., Avaritsiotis, J.N. A new planar device based on Seebeck effect for gas sensing applications 27720
Papadopoulos, C.A. *see* Vlachos, D.S. 7469
Papadopoulos, D.P. *see* Vesely, V. 60274
Papadopoulos, G.D. *see* Kaneliopoulos, D.N. 35410
Papadopoulos, G.D. *see* Kanellopoulos, D.N. 26352
Papadopoulos, G.D. *see* Kanellopoulos, D.N. 46774
Papadopoulos, H.C., Sundberg, C.-E.W. Shared time division duplexing (STDD) with fast speech activity detection 6617
Papadopoulos, H.C., Wornell, G.W. A class of stochastic resonance systems for signal processing applications 15377
Papadopoulos, M. *see* Nogaret, E. 19648
Papadopoulos, M.P. *see* Papathanassiou, S.A. 38733
Papadopoulos, P. *see* Michie, C. 17454
Papaefthymiou, M.C. *see* Lalgudi, K.N. 11323
Papaefthymiou, V. *see* Moukarika, A. 32803
Papageorge, M., Chidambaram, N., Yoon, Y.S., Ahn, S.H. Plastic ball grid array molding issues 20921
Papageorge, M. *see* Goetz, M.P. 20943
Papageorgiou, C. *see* Ventouras, E. 59713
Papageorgiou, N., Athanossov, Y., Armand, M., Bonhote, P., Pettersson, H., Azam, A., Gratzel, M. The performance ana stability of ambient temperature molten salts for solar cell applications 20032
Papageorgiou, N. *see* Rousar, I. 9542
Papagiannakis, A.G. *see* Kriezis, E.E. 45339
Papagiannakis, A.G. *see* Kriezis, E.E. 55274
Papailiou, K.O. *see* Lilien, J.L. 50634
Papaioannou, D.G. *see* Colak, S.B. 37659
Papaioannou, G.J. *see* Papastamatiou, M. 32445
Papaioannou, J. *see* Giger, M. 57539
Papaioannou, J.C. *see* Karayianni, H.S. 10940
Papakaliatakis, D., Simos, T.E. A new method for the numerical solution of fourth-order BVPs with oscillating solutions 10502
Papakammenos, D.J. *see* Dialynas, E.N. 50478
Papakonstantinou, P., Teggart, B., Atkinson, R. The effects of substrate temperature and oxygen pressure on pulsed laser deposited Bi-substituted Dy iron garnet films 23349
Papakostas, K.T., Sotiropoulos, B.A. Bin weather data of Thessaloniki, Greece 51862
Papalexopoulos, A. *see* Momoh, J.A. 50477
Papalexopoulos, A. *see* Shangyou Hao 50357
Papalexopoulos, A.D. *see* McCalley, J.D. 60311
Papananos, Y. *see* Vavelidis, K. 23017
Papanastassiou, M. *see* Pearce, R. 123
Papandreou, Z. *see* Lolos, G.J. 59197
Papandreou-Suppappola, A. Generalized time-shift covariant quadratic time-frequency representations with arbitrary group delays 4809
Papandreou-Suppappola, A., Boudreaux-Bartels, G.F. The effect of mismatching analysis signals and time-frequency representations 34920
Papandreou-Suppappola, A., Hlawatsch, F., Boudreaux-Bartels, G.F. Power class time-frequency representations: interference geometry, smoothing, and implementation 34929
Papandreou-Suppappola, A. *see* Hlawatsch, F. 34777
Papanicolaou, N. *see* Komineas, S. 23337
Papanicolaou, N.A. *see* Anderson, G.W. 33269
Papanicolaou, N.A. *see* Rao, M.V. 27555
Papanicolaou, N.A. *see* Tseng, W.F. 13708
Papanicolas, C.N. *see* Ciarrocca, M. 44497
Papanikolopoulos, N.P. *see* Couvignou, P.A. 17521
Papanikolopoulos, N.P. *see* Smith, C.E. 5025
Papanikolopoulos, N.P. *see* Toczyski, W.D. 15751
Papanreou-Suppappola, A., Boudreaux-Bartels, G.F. The exponential class and generalized time-shift covariant quadratic time-frequency representations 45769
Papantoni-Kazakos, P. *see* Burrell, A. 46569
Papantoni-Kazakos, P. *see* Makrakis, D. 5841
Papantonopoulos, I.N. *see* Hummels, D.M. 1543
Papanu, J. *see* Ye, Y. 54477
Papaparaskeva, P. *see* Lainlotis, D.G. 18831
Paparrizos, K. *see* Dosios, K. 30517
Papasakellariou, A., Aazhang, B. Code design for interference suppression in CDMA systems with continuous phase modulation 35469
Papastamatiou, M., Arpatzanis, N., Papaioannou, G.J., Papastergiou, C., Christou, A. Neutron radiation effects in high electron mobility transistors [AlGaAs/GaAs] 32445
Papastavridis, S. *see* Chryssaphinou, O. 39938
Papastergiou, C. *see* Papastamatiou, M. 32445
Papathanasiou, K., Hamilton, A. Novel Palmo analogue signal processing IC design techniques 31419
Papathanassiou, K., Coltelli, M. Interpretation of multifrequency interferometric coherence maps 16960
Papathanassiou, K.P. *see* Coltelli, M. 28608
Papathanassiou, S. *see* Nogaret, E. 19648
Papathanassiou, S.A., Papadopoulos, M.P. State-space modelling and eigenvalue analysis of the slip energy recovery drive 38733
Papathomas, T. *see* Foran, D.J. 59481
Papatriantafilou, M. *see* Garg, N. 16094
Papavasiliou, C. *see* Argiris, A. 37626
Papavasiliou, G. *see* Argiris, A. 37626
Papavassiliou, S., Tassiulas, L. Performance improvement in wireless networks through joint resource allocation 26496
Papavassiliou, S., Tassiulas, L. Joint optimal channel base station and power assignment for wireless access 26619
Papavassilopoulos, G.F. On the probability of existence of pure equilibria in matrix games 10261
Papay, Z. Comments on "The Module Time Plot: A Useful Data Acquisition Diagnostic Tool" 17226
Papazian, T.A. *see* Mouradian, L.Kh. 17848
Papazoglou, A.A., Barr, R.C. Sustained reentrant propagation in loops of decoupled cardiac cells 49730
Papazoglou, T.M. *see* Bitzer, B. 19255
Papazov, G., Pavlov, D. Influence of cycling current and power profiles on the cycle life of lead/acid batteries 29549
Pape, I. *see* Niedoba, H. 43670
Pape, R. *see* Munter, K. 27296
Papen, G.C. *see* Dragic, P.D. 18943
Papen, G.C. *see* Roh, S.D. 33535
Papentsev, M.I. *see* Sobolev, M.M. 12274
Paperman, W.D., David, Y., Martinez, M. Testing for EMC in the clinical environment 59831
Paperno, E. *see* Kaplan, B.-Z. 3253
Papet, P. *see* Bornand, V. 52754
Papic, I. *see* Mihalic, R. 19188
Papic, V. *see* Zanchi, V. 37697
Papiernik, A. *see* Benhabiles, B. 4379
Papiernik, A. *see* Giauffret, L. 45379
Papiernik, W. Architecture and design of modern CNC/drive systems 61207
Papin, P.J. *see* Van Way, R.L. 49766
Papin, Yu.M. *see* Verezub, N.A. 21219
Papineni, K. *see* Epstein, M. 14891
Papirov, I. *see* Popowski, Y. 59768
Papis, E. *see* Grabecki, G. 12416
Papis, E. *see* Grabecki, G. 42234
Papis, E. *see* Jaroszynski, J. 12438
Papis, E. *see* Piotrowska, A. 13899
Papka, M.E. *see* Disz, T. 47212
Papke, L., Robertson, P., Villebrun, E. Improved decoding with the SOVA in a parallel concatenated (Turbo-code) scheme 4465
Papke, L. *see* Guinand, P. 4547
Papke, L. *see* Kaiser, S. 6503
Papon, A.M. *see* Paillet, C. 42483
Papousek, W. *see* Kapl, G. 56024
Papp, L. *see* Nemeth, S. 27853
Papp, Z. *see* Bokor, N. 4153
Pappalardo, A. *see* Messina, N. 8767
Pappalardo, D. The best of both worlds [IP switching] 5854
Pappalardo, D. ISDN gets a new style 26252
Pappalardo, M. *see* Lamberti, N. 55009
Pappas, A. *see* O'Regan, K. 56788
Pappas, C. *see* Stalidis, G. 37737
Pappas, G.J., Tomlin, C., Sastry, S.S. Conflict resolution for multi-agent hybrid systems 38030
Pappas, T.N., Michel, T.A., Hinds, R.O. Supra-threshold perceptual image coding 56766
Pappas, V. *see* Petrina, P. 50103
Pappata, S. *see* Millet, P. 18327
Pappe, G.E. *see* Evtikhiev, N.N. 6955
Pappert, S.A. *see* Liu, Q.Z. 58349
Pappert, S.A. *see* Welstand, R.B. 3457
Pappert, S.A. *see* Welstand, R.B. 58350
Pappu, S., Gold, S., Rangarajan, A. A framework for non-rigid matching and correspondence 57047
Pappu, S.K. Simulating computer systems 35761
Pappula, S. *see* Karthik, S. 40778
Paprzycki, M. *see* Amodio, P. 40184
Papshev, V.A. *see* Es'kov, V.M. 37608
Papshev, V.A. *see* Es'kov, V.M. 49395
Papureanu, S. *see* Madert, M. 49186
Papworth, K. *see* Jun Ma 13148
Papy, O., Kawakami, H. Symmetry breaking and recovering in a system of n hybridly coupled oscillators 1165
Papyannis, A.D. *see* Tsikrikas, G.N. 3680
Paquay, M.H. *see* Snoeij, P. 27040
Paquay, M.H. *see* Vermeulen, B.C.B. 14763
Paquet, F. A rapid tool to dimension broadband nodes in the access 6353
Paquet, S. *see* Hamel, L.-A. 37335
Paquet, S. *see* Kruzelecky, R.V. 33106
Paquet, T. *see* Heutte, L. 5368
Paquin, J.P., Couillard, J., Paquin, R., Godcharles, D. Earned quality: improving project control 10190
Paquin, R. *see* Paquin, J.P. 10190
Paquin, R.A. *see* Cayrel, M. 33194
Parab, K. *see* Morris, S. 12661
Parab, K. *see* Morris, S. 54343
Parab, K. *see* Yang, S.-H. 54344
Parab, K. *see* Yong, S.-H. 12655
Parab, K.B., Yang, S.-H., Morris, S.J., Tian, S., Morris, M., Obradovich, B., Tasch, A.F., Kamenitsa, D., Simonton, R., Magee, C. Detailed analysis and computationally efficient modeling of ultra-shallow dopant profiles obtained by low energy B, BF_2, and As ion implantation 12693
Parada, E.G. *see* Redondas, X. 2075
Paradells, J. *see* Casademont, J. 47628
Paradells, J. *see* Gorricho, J.-L. 47657
Paradie, M.J., Pernic, J. Airborne VHF environment noise measurements 60149
Paradis, E. *see* Sarkissian, A.H. 2309
Paradiso, J.A. The interactive balloon: sensing, actuation, and behavior in a common object 17111
Paradiso, J.A. *see* Zimmerman, T.G. 48801
Paradowski, L.R. Uncertainty ellipses and their application to interval estimation of emitter position 36206
Paragi, R.J. *see* Stabler, E.P. 11501
Paragios, N., Perez, P., Tziritas, G., Labit, C., Bouthemy, P. Adaptive detection of moving objects using multiscale techniques 56946
Paragios, N., Tziritas, G. Detection and location of moving objects using deterministic relaxation algorithms 5071
Parakh, P.N. *see* Brown, R.B. 41214
Paramanandam, S., Youngs, L. Defect mapping and repair in UltraSPARC™-I microprocessor memories 41237
Paramanandam, S. *see* Youngs, L. 31317
Paramanandam, S. *see* Youngs, L. 41236
Parameswaran, A. *see* Burley, G.S. 17549
Parameswaran, A. *see* Chapman, S.C. 58843
Parameswaran, A. *see* Ghodsian, B. 13187
Parameswaran, M. *see* Ghodsian, B. 27706
Parameswaran, M. *see* Ghodsian, B. 27945
Parameswaran, M. *see* Gupta, V. 28075
Parameswaran, M. *see* Melin, J. 18204
Parameswaran, M. *see* Tait, R.N. 13188
Parameswaran, S., Hui Guo Power consumption in CMOS combinational logic blocks at high frequencies 43306
Paramonov, D.V., El-Genk, M.S. Analysis of Ya-21u thermionic fuel elements 18663
Paramonov, D.V., El-Genk, M.S. Effect of oxygen on performance and mass transport in a single-cell thermionic fuel element 20074
Paramonov, D.V., El-Genk, M.S. Test results of Ya-21u thermionic space power system 49943
Paramonov, D.V., El-Genk, M.S. A review of cesium thermionic converters with developed emitter surfaces 51617
Paramonov, L.V. *see* Gavrilenko, V.I. 54201
Paramonov, V.V. The data library for accelerating structures development. RF parameters of the drift tube accelerating structure 49034
Paramonov, V.V. *see* Esin, S.K. 37020
Paramonov, V.V. *see* Kravchuk, L.V. 49033
Paranchich, S.Yu. *see* Neifeld, E.A. 22229
Paranchich, S.Yu. *see* Neifel'd, E.A. 54060
Paranchich, S.Yu. *see* Tsidil'kovskii, I.M. 31849
Paranchych, D.W., Beaulieu, N.C. Use of second order Markov chains to model digital symbol synchroniser performance 5677
Paranipe, A. *see* Faltermeier, C. 52766
Paranjape, M. *see* Naseh, S. 13189
Paranjothi, S.R. *see* Padhy, N.P. 50456
Paranthaman, M. *see* Christen, D.K. 52673
Parascandolo, P. *see* Adam, A. 37280
Parascandolo, P. *see* Paolucci, P. 37242
Paraschis, L. *see* Liu, A.Y. 13555
Paraschiv, A. *see* Caldararu, M. 3451
Paraschivoiu, I. *see* Masson, C. 60615
Paraschuk, D.Yu. *see* Laptev, G.D. 14064
Parashar, S., Langham, E., Ahmed, S. RADARSAT-I system commissioning and beyond 18787
Parasiliti, F., Tursini, M., Daqing Zhang On-line self-tuning of PI controllers for high performance PMSM drives 39271
Parasiliti, F., Tursini, M., Zhang, D.Q. Adaptive fuzzy logic control for high performance PM synchronous drives 9576
Parasiliti, F. *see* Chiricozzi, E. 61156
Parasiliti, F. *see* Conti, G. 50960
Parasiliti, F. *see* Higuchi, T. 50957
Paraskevopoulos, K.M. *see* Daviti, M. 30691
Parasuraman, R., Mouloua, M., Molloy, R. Effects of adaptive task allocation on monitoring of automated systems 49849
Parat, K. *see* Clark, N.K. 32368
Parati, G. *see* Pilgram, B. 59661
Paravis, S. *see* Martini, M. 8202
Parayanthal, P. *see* Dutta, N.K. 33507
Parberry, I. Scalability of a neural network for the knight's tour problem 413
Parberry, I. *see* Kyek, O. 52491
Parbrook, P.J. *see* Sobiesierski, Z. 40381

Parc, C. *see* Vera, P. 37674
Parcell, S. *see* Mukherjee, B. 59112
Parchatka, U. *see* Roths, J. 28626
Parchekani, F. *see* Javidi, B. 15754
Pardalos, P.H. *see* Mavridou, T.D. 30538
Pardalos, P.M., Ramakrishnan, K.G., Resende, M.G.C., Li, Y. Implementation of a variance reduction-based lower bound in a branch-and-bound algorithm for the quadratic assignment problem 40115
Pardas, M., Salembier, P., Marques, F., Morros, R. Partition tree for a segmentation-based video coding system 25580
Pardas, M. *see* Salembier, P. 35181
Pardas, M. *see* Salembier, P. 57105
Parden, R.J. Virtual corporation tradeoffs 10232
Pardo, A., Bahar, R.I., Maune, S., Feldmann, P., Hachtel, G.D., Somenzi, F. CMOS dynamic power estimation based on collapsible current source transistor modeling 21442
Pardo, A. *see* Hachtel, G.D. 21626
Pardo, A. *see* Marco, S. 17583
Pardo, A. *see* Ravi, K. 31246
Pardo, A. *see* Woohyuk Lee 11341
Pardo, D. *see* Mateos, J. 2720
Pardo, D. *see* Reggiani, L. 32350
Pardo, F. *see* Scheffer, D. 37888
Pardo, F.S. *see* Douglas, R.M. 59764
Pardo, J.A. *see* Menendez, M.L. 34492
Pardo, J.A. *see* Pardo, M.C. 395
Pardo, J.R., Cernicharo, J., Lellouch, E., Paubert, G. Ground-based measurements of middle atmospheric water vapor at 183 GHz 38066
Pardo, L., Duran, P., Millar, C.E., Wolny, W.W., Jimenez, B. High temperature electromechanical behaviour of sodium substituted lithium niobate ceramics 54940
Pardo, L. *see* Menendez, M.L. 34492
Pardo, M.C., Pardo, J.A. A comparison of a new family of goodness-of-fit statistics 395
Pardo, M.C. *see* Menendez, M.L. 34492
Pardo, M.D.C. An empirical investigation of Cressie and Read tests for the hypothesis of independence in three-way contingency tables 416
Pardo, R. *see* Zinkann, G.P. 49144
Pardo, R.C., Bogaty, J.M., Clifft, B.E. A study of beam chopping options for the ATLAS positive ion linac 37105
Pardo, R.C. *see* Harss, B. 49275
Pardoe, B.H. *see* Elkazal, M.B. 35407
Pardoe, B.H. *see* Sigiuk, H.I. 46768
Pare, C., Villeneuve, A., Belanger, P.-A., Belanger, N., Doran, N.J. Dispersion and self-phase modulation compensation based on a negative nonlinearity 47932
Pare, P., Roy, M. Post-cure die attach delamination 52211
Parechanian, J.H. *see* Allen, L.P. 42289
Pareja, R. *see* Ramirez, R. 41992
Parekh, N. *see* Leitz, W.E. 23016
Parekhji, R.A. *see* Nicolaidis, M. 53122
Parent, A. *see* Snell, K.J. 48654
Parente, F., Attolini, G., Mogavero, C., Nervo, G., Pignari, G. The procurement and testing process of synchronous digital hierarchy (SDH) 5910
Parente, F. *see* Ferrero, U. 6366
Parente, F. *see* Passeri, P. 47429
Parentean, M. *see* Khanna, S.M. 22258
Parera-Lopez, J.J. T-iterated electrical networks and numerical sequences 39633
Paret, J.M. *see* Courtois, B. 13186
Pareti, L., Paoluzi, A., Albertini, F., Ibarra, M.R., Morellon, L., Algarabel, P.A. Magnetocrystalline anisotropy in $RE_2(FeTi)_{17}$, RE=Nd, Y 3131
Parey, J.Y. *see* Etemadi, R. 30917
Parfenov, A.N. *see* Sobenin, N.P. 49206
Parfenov, V.A., Filatov, A.Y., Kruzhalov, S.V. Calculations for laser cavities using optimization algorithms 55543
Parfenov, V.A., Rodin, S.N., Parfenov, VI.A. Universal magnetooptic Faraday rotator 55333
Parfenov, V.A. *see* Kruzhalov, S.V. 14035
Parfenov, V.A. *see* Kruzhalov, S.V. 14035
Parfenov, VI.A. *see* Parfenov, V.A. 55333
Parfitt, A.J. Feedback design of a coupled-patch oscillator array 34435
Parfitt, A.J. *see* Yeo, S.K.N. 34363
Parfitt, A.J. *see* Yeo, S.K.N. 34365
Pargellis, A.N. *see* Yurke, B. 3290
Parhami, B. Multi-sensor data fusion and reliable multi-channel computation: unifying concepts and techniques 4885
Parhami, B., Chi-Hsiang Yeh Accumulative parallel counters 1320
Parhi, K.K., Catthoor, F. Design of high-performance DSP systems 21727
Parhi, K.K. *see* Chong Xu 21806
Parhi, K.K. *see* Denk, T.C. 11052
Parhi, K.K. *see* Denk, T.C. 25218
Parhi, K.K. *see* Denk, T.C. 31281
Parhi, K.K. *see* Jain, S.K. 24804
Parhi, K.K. *see* Majumdar, M. 1496
Parhi, K.K. *see* Montalvo, L.A. 1296
Parhi, K.K. *see* Montalvo, L.A. 31187
Parhi, K.K. *see* Raghunath, K.J. 56566
Parhi, K.K. *see* Satyanarayana, J.H. 1251
Parhi, K.K. *see* Satyanarayana, J.H. 22999
Parhi, K.K. *see* Shalash, A. 6437
Parhi, K.K. *see* Srinivas, H.R. 21563
Parhi, K.K. *see* Yuet Li 1587
Parhi, K.K. *see* Yun-Nan Chang 4797
Parhofer, S., Gieres, G., Wecker, J., Schultz, L. Growth characteristics and magnetic properties of sputtered Nd-Fe-B thin films 32802
Pariente, F., Kim, Y.S. Incremental and localized update of convex decomposition for form feature decomposition 5534
Pariente, F., La Rosa, C., Galan, F., Hernandez, L., Lorenzo, E. Enzyme support systems for biosensor applications based on gold-coated nylon meshes 7443
Parihar, S.R. *see* Petrov, M.V. 22322
Parikh, A. *see* Benson, J.D. 21287
Parikh, A. *see* Sathyamurthy, S. 23397
Parikh, A.R. Maintenance management of electrical equipment 19663
Parikh, N. *see* Bremser, M.D. 21270
Parikh, N. *see* Vispute, R.D. 761
Parikh, P., Chavarkar, P., Mishra, U. First demonstration of GaAs on insulator (GOI) technology 1737
Parikh, P., Chavarkar, P., Wu, Y.F., Pinsukanjana, P., Mishra, U.K. First demonstration of p-HEMTs in the newly developed GaAs On Insulator (GOI) technology 43144
Parikh, P. *see* Zhang, Y. 32229
Parikh, P.A., Chavarkar, P.M., Mishra, U.K. GaAs MESFET's on a truly insulating buffer layer: demonstration of the GaAs on insulator technology 32457
Parikh, S., Modi, G., Nagalingam, S. Improvement in platinum silicidation for 0.8 μm BiCMOS process 22616
Parikh, S. *see* Anderson, L. 43354
Parikh, S. *see* Nagalingam, S. 43349
Parikh, S.A. *see* Hemenway, B.R. 36148
Parikh, S.A. *see* Marquis, D. 6180
Parikh, V.N., Baraniecki, A.Z. Computationally efficient discrete wavelet transform model 389
Parillaud, O., Gerard, B., Bisaro, R., Leymarie, J., Piffault, N., Gil-Lafon, E., Castelluci, D., Goumet, E., Vasson, A., Vasson, A.M., Pribat, D., Cadoret, R. Low defect density InP films grown on Si by HVPE using a new crystal refining technique 10704
Paris, B.-P., Shah, A.R. Matched subspace detectors for distinguishing between two signals with extensions to blind maximum likelihood sequence estimation 34886
Paris, B.-P. *see* Shah, A.R. 24926
Paris, G. The next generation call center–ResumeRouting creates virtual groups on a call-by-call basis 16389
Paris, J. *see* Scalat, S. 9570
Paris, P.J. *see* Hogge, J.P. 1932
Paris-Seeley, N. *see* Melin, J. 18204
Parise, G., Grasselli, U., Peschiulli, P. Touch and step voltages conservative measurements via auxiliary short-distance electrodes 19410
Parise, G., Rubino, G., Ricci, M. Life loss of insulated power cables: an integrative criterium to improve the ANSI/IEEE and the CENELEC/IEC method for overload protection 38356
Parise, G. *see* Fleischer, K.R. 39443
Parise, M. *see* Hericks, J. 18987
Parish, D. *see* Tunnicliffe, M.J. 46896
Parish, D.J. *see* Tunnicliffe, M.J. 35413
Parish, M.D., Arego, D.A. Contrast and brightness improvements achievable on color STN LCDs 13730
Parish, Y.I.H. *see* Koch, R.M. 15494
Parisi, E.S. *see* Blamey, P.J. 28432
Parisi, G. *see* Deitinghoff, H. 37104
Parisi, G. *see* Fischer, C. 49185
Parisi, G. *see* Schempp, A. 37099
Parisi, G.P. *see* Cappuccio, G. 40438
Parisi, G.P. *see* Giardini, A. 903
Parisi, J. *see* Bunner, M.J. 1172
Parisi, J. *see* Hirsch, M. 22210
Parisi, J. *see* Rau, U. 39120
Parisi, J. *see* Schmitt, M. 39100
Parisini, A., Brunetto, N., Amato, G. TEM and photoluminescence characterization of porous-silicon layers from (111)-oriented p⁺ silicon substrates 41818
Parisini, A. *see* Baraldi, A. 12273
Parisini, T. Physically accurate nonlinear models for fault detection and diagnosis: the case of a power plant 38237
Parisini, T. *see* Contin, A. 38678
Parisini, T. *see* Maryni, P. 5689
Park *see* Baek, H.L. 50977
Park, A.Sang-Bum *see* Sang-Bum Park, A.
Park, B., Kim, S. Performance analysis of a fast packet ATM switching fabric based on multistage interconnection networks 25879
Park, B. *see* Lee, J.G. 23695
Park, B.H., Noh, T.W., Lee, J., Kim, C.Y., Jo, W. Effects of interface charges on imprint of epitaxial $Bi_4Ti_3O_{12}$ thin films 43483
Park, B.H. *see* Lee, S.Y. 32964
Park, B.H. *see* Son, N.J. 24018
Park, B.M. *see* Ramanujam, P. 34235
Park, C.-M. *see* Min, B.-H. 12986
Park, C.-W., Lim, I.-C. A multiplexing algorithm for the QoS of traffics controlled by UPC mechanism 5802
Park, C.G. *see* Kwak, J.S. 42262
Park, C.G. *see* Kwak, J.S. 42285
Park, C.S. *see* Park, S.Y. 3718
Park, C.T. *see* Lee, Y.S. 4299
Park, C.Y., Chung, H., Un, C.K. Performance analysis of an output queueing ATM switch with heterogeneous traffic and multiple QoS 16038
Park, D. *see* Byun, D. 31843
Park, D. *see* Luo, F. 30983
Park, D. *see* Marrian, C.R.K. 22706
Park, D. *see* Snow, E.S. 32468
Park, D.-G., Chen, Z., Diatezua, D.M., Wang, Z., Rockett, A., Morkog, H., Alterovitz, S.A. Thermal stability of Si_3N_4/Si/GaAs interfaces 42312
Park, D.-G. *see* Fujioka, H. 42342
Park, D.G., Tao, M., Li, D., Botchkarev, A.E., Fan, Z., Wang, Z., Mohammad, S.N., Herd, A.R., Alterovitz, S.A. Gate quality Si_3N_4 prepared by low temperature remote plasma enhanced chemical vapor deposition for III-V semiconductor-based metal-insulator-semiconductor devices 54663
Park, D.K., Eom, H.J. Fourier-transform analysis of inset dielectric guide with a conductor cover 56108
Park, D.K. *see* Kim, J.Y. 30907
Park, D.M. *see* Argunova, T.S. 12792
Park, E., Willner, A.E. All-optical wavelength shifting of combined baseband and subcarrier signals using SOA cross-gain compression 36114
Park, E.S. *see* Min, H.B. 11139
Park, G.C., Hwang, D.J. A collaborative multimedia distance education system running on DooRae 26359
Park, G.H. *see* Kim, J.S. 19811
Park, G.M. *see* Jeon, J.G. 56852
Park, G.S. *see* Choi, J.J. 1940
Park, G.S. *see* Choi, J.J. 12098
Park, H., Barry, J.R. Performance of multiple pulse position modulation on multipath channels 16811
Park, H., Kalker, T., Vetterli, M. Grobner bases and multidimensional FIR multirate systems 45861
Park, H. *see* Racanelli, M. 43263
Park, H. *see* Wang, K. 13101
Park, H. *see* Yang, D.I. 40439
Park, H. *see* Youn, J. 54508
Park, H.-C. *see* Kim, S.-M. 21974
Park, H.-H. *see* Chu, H.Y. 3809
Park, H.-H. *see* Kang, M.-G. 42438
Park, H.-M. *see* Hong, S.-K. 30815
Park, H.A. *see* Baek, H.L. 50977
Park, H.H. *see* Baek, J.T. 32092
Park, H.K. *see* Lee, Y.K. 34136
Park, H.L. *see* Kim, T.M. 32015
Park, H.L. *see* Kim, T.W. 40312
Park, H.L. *see* Kim, T.W. 41905
Park, H.S. *see* Cho, D.H. 43297
Park, H.W. *see* Kim, H.C. 57092
Park, H.W. *see* Lee, H.J. 56789
Park, I., Mittra, R. Aperture-coupled quarter-wave microstrip antenna 34218
Park, I.-S. *see* Mehta, S. 34715
Park, I.C. *see* Kyung, C.M. 41259
Park, I.J. *see* Joo, K.S. 28032
Park, I.K. *see* Choe, J.W. 26436
Park, I.S. *see* Ahn, E.C. 39836
Park, I.S. *see* Ahn, E.C. 39837
Park, J., Buckman, L.A., Lau, K.Y. A broad-band millimeter-wave optical modulator using a passively modelocked semiconductor laser with phase noise compensation 58375
Park, J., Elrefaie, A.F., Lau, K.Y. Fiber chromatic dispersion effects on multichannel digital millimeter-wave transmission 16705
Park, J., Elrefaie, A.F., Lau, K.Y. 1550-nm transmission of digitally modulated 28-GHz subcarriers over 77 km of nondispersion shifted fiber 26877
Park, J., Lim, D., Jung, S., Chang, H., Shin, J. Effect of diamond-like carbon film as passivation layer on characteristics of power transistor 42606
Park, J., Mercer, M.R. Using functional information and strategy switching in sequential ATPG 1243
Park, J., Sorin, W.V., Lau, K.Y. Elimination of the fibre chromatic dispersion penalty on 1550 nm millimetre-wave optical transmission 47966
Park, J., Taylor, H.F. Fabrication of low reflectance optical fibre mirrors 17429
Park, J., Yoon, Y., Kim, C. The analysis of the JW scheme and its improving versions 16048
Park, J. *see* Cho, K.-H. 46593
Park, J. *see* Kahng, H.K. 46780
Park, J. *see* Smith, S.M. 38093
Park, J. *see* Woo, H. 47360
Park, J.-G., Pas, M.F. The application of the ozonated DI water at the pre gate oxidation wet cleaning for the prevention of water marks 42457
Park, J.-H. *see* Yoo, S.-Y. 30292
Park, J.-I., Lee, C.W. Robust estimation of camera parameters from image sequence for video composition 5502
Park, J.-K. *see* Kim, S.-Y. 24580
Park, J.-M. *see* Chung, W.-S. 2844
Park, J.-O. *see* Lee, S. 36813
Park, J.-S., Shin, D.-H., Jang, J.-S., Jeong, S.-I. Holographic recording properties of photopolymer films 24306
Park, J.C. *see* Yoo, K.-H. 22660
Park, J.D. *see* Lee, H.S. 27213
Park, J.H., Cho, H.K., Kim, Y.H., Lee, K.H., Yoon, H.S. Detectability and printability of programmed defect reticle for 256M DRAM 22689
Park, J.Hwan *see* Hwan Park, J.

Park, J.J., Buksa, J.J. Selection of flowing liquid lead target structural materials for accelerator driven transmutation applications 7765
Park, J.J. *see* Beard, C.A. 7757
Park, J.J. *see* Buksa, J.J. 7759
Park, J.K. *see* Kang, Y.C. 38416
Park, J.M. *see* Grekhov, I.V. 2295
Park, J.M. *see* Kim, E.D. 41852
Park, J.R., So, J.H., Lee, C.S., Kim, S.G. A microstrip Rotman lens for broad-band active phased array transmitter 24608
Park, J.S., Milne, W.I. Oxygen plasma reactive ion etching of tetrahedral amorphous carbon 12748
Park, J.S. *see* Gunapala, S.D. 17541
Park, J.S. *see* Gunapala, S.D. 17542
Park, J.S. *see* Gunapala, S.D. 48665
Park, J.S. *see* Youngho Lee 57681
Park, J.T. *see* Lee, J.I. 45055
Park, J.W., Lee, C.H., Paik, S.W., Choi, J.B., Kyung-Hwa Yoo, Feldman, R.D., Jung In Choi Probe of electrical activity of the conduction channels in HgTe/CdTe superlattice by using quantum Hall effect 32003
Park, J.W., Lee, S.U. Joint image segmentation and motion estimation for low bit rate video coding 57281
Park, J.W. *see* Kim, K. 41133
Park, J.W. *see* Lee, J.S. 26511
Park, J.W. *see* Lee, J.Y. 41167
Park, J.W. *see* Lowndes, D.H. 10745
Park, J.W. *see* Lowndes, D.H. 21317
Park, J.W. *see* Yoo, K.-H. 22660
Park, J.Y., Allen, M.G. High current integrated microinductors and microtransformers using low temperature fabrication processes 53015
Park, J.Y. *see* Sanner, M.A. 1895
Park, J.Y. *see* Urashima, K. 38105
Park, K., Peale, R.E., Weidner, H., Kim, J.J. High-repetition-rate far-infrared p-Ge laser 3894
Park, K. *see* Cho, K.-H. 46593
Park, K. *see* Lim, G. 8085
Park, K. *see* Shim, C. 46751
Park, K.-H. *see* Kim, S.-M. 21974
Park, K.-R. *see* Chung, K.-W. 41426
Park, K.J. *see* Jang, J.H. 36133
Park, K.S. *see* Kong, M.B. 30379
Park, K.T. *see* Jeon, J.G. 56852
Park, K.T. *see* Kim, H.S. 56869
Park, M. *see* Kim, H. 38134
Park, M.-H., Wang, L.C., Palmstrom, C.J. Low resistance Pd/Zn/Pd ohmic contact to p-$In_{0.82}Ga_{0.18}As_{0.39}P_{0.61}$ 32071
Park, M.-S., Song, W.-J. Adaptive IIR filtering with combined regressor and combined error 56446
Park, M.-S. *see* Han, J.-H. 26903
Park, M.C. *see* Shin, T. 23291
Park, M.H. *see* Ressel, P. 42963
Park, M.J. *see* Chang, B.I. 31832
Park, M.J. *see* Choi, S.S. 31765
Park, M.J. *see* Han, M.S. 42369
Park, M.J. *see* Lee, T.S. 32196
Park, M.K., Suh, I.H., Byoun, S.J., Oh, S.R. An intelligent coordinated control system for steering and traction of electric vehicles 51819
Park, M.S. *see* Yun, T.Y. 26735
Park, M.W. *see* Chu, H.Y. 3809
Park, M.Y. *see* Kim, J. 12597
Park, N., Lombardi, F., Sungsoo Kim Modeling quality reduction of multichip module systems due to uneven fault-coverage and imperfect diagnosis 31673
Park, N., Wysocki, P.F. 24-line multiwavelength operation of erbium-doped fiber-ring laser 3714
Park, N. *see* Salinas, J. 5844
Park, N. *see* Shen, Y.-N. 1382
Park, N.S. *see* Kim, J.M. 58930
Park, N.Y. *see* Jang, G.H. 9260
Park, R. *see* Weinstein, B.A. 22231
Park, R.-H. *see* Lee, C.B. 15600
Park, R.-H. *see* Lee, C.B. 15617
Park, R.-H. *see* Lee, S.Y. 5243
Park, R.-H. *see* Sim, D.-G. 59864
Park, R.M. *see* Semendy, F. 10806
Park, R.M. *see* Trexler, J.T. 12533
Park, S., Sarkar, T.K. A deterministic, eigenvalue approach to space time adaptive processing 34831
Park, S. *see* Goh, S.-C. 45598
Park, S. *see* Han, B. 20888
Park, S. *see* Jeong, E. 57436
Park, S. *see* Lee, S. 4573
Park, S. *see* Lee, S. 4573
Park, S. *see* Park, S.-Y. 26419
Park, S. *see* Wee, K. 45142
Park, S.-B., Jung, H.-S. A study on the fabrication of optical waveguides utilizing strain-optic effect and electrooptic modulators in $LiNbO_3$ 3431
Park, S.-J. *see* Kim, S.-B. 30814
Park, S.-J. *see* Lee, J.-G. 42260
Park, S.-W. *see* Oh, H.-K. 2528
Park, S.-Y., Ra, I., Ng, M.J., Park, S., Hariri, S. An efficient multithreaded message passing tool for ATM-based distributed computing environments 26419
Park, S.C., Doherty, J.F. A minimax optimization approach to sidelobe suppression filter design 25199
Park, S.C. *see* Im, D.H. 51016
Park, S.H., Moon, H.J., Nasrabadi, N.M. Subband image coding using block-zero tree coding and vector quantization 25382
Park, S.H. *see* Chang, S.G. 57576
Park, S.H. *see* Kim, T.H. 2679
Park, S.H. *see* Kyung, C.M. 41259
Park, S.I. *see* Bae, J. 24917
Park, S.J., Lee, B.Y., Won, D.H. A secure multiway election scheme 45596
Park, S.J. *see* Kim, J.D. 48669
Park, S.J. *see* Kim, S.J. 4569
Park, S.J. *see* Lee, H.S. 27213
Park, S.K., Idema, M.R. Algorithms for sub-pixel edge reconstruction 5213
Park, S.K., Suh, K.S., Lee, C.H., Kim, S.W. Charge distributions in EPDM/ATH compounds 32711
Park, S.K. *see* Baek, H.L. 50977
Park, S.M. *see* Sengupta, S.S. 52844
Park, S.O. *see* Kang, C.S. 2905
Park, S.S., Oh, J.S., Park, S.W., Cho, M.H., Namkung, W. Study of klystron modulator system availability for PLS 2-GeV electron linac 49075
Park, S.S. *see* Cho, M.H. 37112
Park, S.S. *see* Oh, J.S. 51267
Park, S.T., Yang, T.K., Kim, G.D., Lee, D.W., Ro, T.I., Lee, S.Y., Igashira, M. Studies of the resolution and the light output produced by a neutron with plastic scintillation detector 49313
Park, S.W., Kim, Y.I., Kwak, J.S., Baik, H.K. Investigation of Co/SiC interface reaction 54262
Park, S.W. *see* Choi, Y.S. 45667
Park, S.W. *see* Park, S.S. 49075
Park, S.W. *see* Shim, J.Y. 54267
Park, S.Y., Kim, H.K., Park, C.S., Shin, S.-Y. Doped fibre length and pump power of gain-flattened EDFAs 3718
Park, S.Y. *see* Kim, H. 10750
Park, T.A., Harris, G.F. "Guided" intramuscular fine wire electrode placement: a new technique 8052
Park, T.S. *see* Hwang, H.Y. 37289
Park, T.S. *see* Lee, J.-W. 32859
Park, T.S. *see* Lee, J.-W. 43682
Park, W. *see* Tong, W. 55414
Park, W. *see* Yang, T. 55439
Park, W.G., Kim, Y.S., Han, C.M., Choi, H.J. Analysis of priority control mechanism with two thresholds in ATM switch network 46594
Park, W.J., Pickering, E.H. Statistical analysis of a power-law model for repair data 52101
Park, W.S. *see* Kim, D.H. 23334
Park, Y., Pavlidis, D. Mass spectroscopy study of GaN metalorganic chemical vapor deposition 10855
Park, Y., Wong, E.K. Applying genetic algorithm approach for the bandwidth allocation of ATM nets 16042
Park, Y. *see* Lyu, D. 46659
Park, Y. *see* Marhic, M.E. 14328
Park, Y. *see* Marhic, M.E. 33699
Park, Y. *see* Shin, T. 23291
Park, Y.-J. *see* Lee, C.-W. 47358
Park, Y.-K., Lee, G. NN based ATM cell scheduling with queue length-based priority scheme 25857
Park, Y.-M., Hong, S.-B. Reusing software components, software building environment and technique 16495
Park, Y.D., Murro, A.M., King, D.W., Gallagher, B.B., Smith, J.R., Yaghmai, F. The significance of ictal depth EEG patterns in patients with temporal lobe epilepsy 49587
Park, Y.I. *see* Kim, C.E. 23171
Park, Y.K. *see* Headrick, R.L. 21301
Park, Y.K. *see* Jichai Jeong 48005
Park, Y.K. *see* Morton, P.A. 16819
Park, Y.S. *see* Lee, J.-W. 32859
Park, Y.S. *see* Lee, J.-W. 43682
Park, Y.T. *see* Jang, S.M. 9275
Park, Y.T. *see* Shapiro, E. 27345
Park, Y.W. *see* Chang, J.W. 47656
Park, Y.W. *see* Kim, S.E. 41173
Park, Y.W. *see* Lee, D.J. 47655
Park Bae Ho *see* Bae Ho Park
Park Beom Soo *see* Beom Soo Park
Park Bong Mo *see* Bong Mo Park
Park Bong-Il *see* Bong-Il Park
Park Byeong-Ho *see* Byeong-Ho Park
Park Bynng-Sun *see* Bynng-Sun Park
Park Byoung Seob *see* Byoung Seob Park
Park Byung Gook *see* Byung Gook Park
Park Byung-Gon *see* Byung-Gon Park
Park Byung-Gook *see* Byung-Gook Park
Park Byung-Lyul *see* Byung-Lyul Park
Park Byung-Seok *see* Byung-Seok Park
Park Byung-Sun *see* Byung-Sun Park
Park Byungwoo *see* Byungwoo Park
Park Chan *see* Chan Park
Park Chan Gook *see* Chan Gook Park
Park Chan Yong *see* Chan Yong Park
Park Chan-Yong *see* Chan-Yong Park
Park Chanburn *see* Chanburn Park
Park Chang Yub *see* Chang Yub Park
Park Chang-Jae *see* Chang-Jae Park
Park Chang-Joon *see* Chang-Joon Park
Park Chang-Min *see* Chang-Min Park
Park Chang-Soon *see* Chang-Soon Park
Park Changhae *see* Changhae Park
Park Changjae *see* Changjae Park
Park Chansik *see* Chansik Park
Park Cheol Hoon *see* Cheol Hoon Park
Park Cheol-Min *see* Cheol-Min Park
Park Cheon-Seok *see* Cheon-Seok Park
Park Chi-Sun *see* Chi-Sun Park
Park Chong-Ook *see* Chong-Ook Park
Park Chong-Yeun *see* Chong-Yeun Park
Park Chongdae *see* Chongdae Park
Park Choon-Bae *see* Choon-Bae Park
Park Choonsik *see* Choonsik Park
Park Chul Soon *see* Chul Soon Park
Park Chul Woong *see* Chul Woong Park
Park Chul-Jin *see* Chul-Jin Park
Park Chul-Soon *see* Chul-Soon Park
Park Chul-Won *see* Chul-Won Park
Park Chun-Kwan *see* Chun-Kwan Park
Park Chung-Hoo *see* Chung-Hoo Park
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Park Dae-Gyu *see* Dae-Gyu Park
Park Dae-Hee *see* Dae-Hee Park
Park Daihee *see* Daihee Park
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Park Dong Seek *see* Dong Seek Park
Park Dong-Jo *see* Dong-Jo Park
Park Dong-Seong *see* Dong-Seong Park
Park Dong-Sun *see* Dong-Sun Park
Park Donggun *see* Donggun Park
Park Doo-Cheol *see* Doo-Cheol Park
Park Geun Ok *see* Geun Ok Park
Park Gi Cheol *see* Gi Cheol Park
Park Gi-Ho *see* Gi-Ho Park
Park Gun-Han *see* Gun-Han Park
Park Gwan-Soo *see* Gwan-Soo Park
Park Gwang-Hoon *see* Gwang-Hoon Park
Park Gwi-Tae *see* Gwi-Tae Park
Park Hae Sung *see* Hae Sung Park
Park Hae-Am *see* Hae-Am Park
Park Hae-Sung *see* Hae-Sung Park
Park Hea-Am *see* Hea-Am Park
Park Hea-Sook *see* Hea-Sook Park
Park Hee-Kap *see* Hee-Kap Park
Park Heuk *see* Heuk Park
Park Heung Won *see* Heung Won Park
Park Ho-Joon *see* Ho-Joon Park
Park Hong June *see* Hong June Park
Park Hong Lee *see* Hong Lee Park
Park Hong Seong *see* Hong Seong Park
Park Hong-June *see* Hong-June Park
Park Hong-Shik *see* Hong-Shik Park
Park Hye-Sook *see* Hye-Sook Park
Park Hyeong *see* Hyeong Park
Park Hyo-Hoon *see* Hyo-Hoon Park
Park Hyung-Ho *see* Hyung-Ho Park
Park Hyung-Rae *see* Hyung-Rae Park
Park Hyungjun *see* Hyungjun Park
Park Ik-Soo *see* Ik-Soo Park
Park Il-Han *see* Il-Han Park
Park Il-Yong *see* Il-Yong Park
Park In Gyu *see* In Gyu Park
Park In Kap *see* In Kap Park
Park In-Cheol *see* In-Cheol Park
Park In-Gil *see* In-Gil Park
Park In-Kil *see* In-Kil Park
Park Jae Chang *see* Jae Chang Park
Park Jae Hee *see* Jae Hee Park
Park Jae Hong *see* Jae Hong Park
Park Jae-Gwan *see* Jae-Gwan Park
Park Jae-Hong *see* Jae-Hong Park
Park Jae-Kwan *see* Jae-Kwan Park
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Park Jae-Youn *see* Jae-Youn Park
Park Jaehong *see* Jaehong Park
Park Jaehyung *see* Jaehyung Park
Park Jaeong *see* Jaeong Park
Park Jang-Hyun *see* Jang-Hyun Park
Park Je-Kyun *see* Je-Kyun Park
Park Jeong Il *see* Jeong Il Park
Park Jeong-Ho *see* Jeong-Ho Park
Park Jeong-Tae *see* Jeong-Tae Park
Park Ji Cheol *see* Ji Cheol Park
Park Ji-Ho *see* Ji-Ho Park
Park Ji-Mann *see* Ji-Mann Park
Park Jin Kee *see* Jin Kee Park
Park Jin Kyun *see* Jin Kyun Park
Park Jin Soo *see* Jin Soo Park
Park Jin Won *see* Jin Won Park
Park Jin-Hyun *see* Jin-Hyun Park
Park Jin-Kyu *see* Jin-Kyu Park
Park Jin-Won *see* Jin-Won Park
Park Jong Dae *see* Jong Dae Park
Park Jong Keun *see* Jong Keun Park
Park Jong Yeoul *see* Jong Yeoul Park
Park Jong-Keun *see* Jong-Keun Park
Park Jong-Min *see* Jong-Min Park
Park Jong-Seung *see* Jong-Seung Park
Park Jong-Tae *see* Jong-Tae Park
Park Jong-Wan *see* Jong-Wan Park
Park Jong-Woo *see* Jong-Woo Park
Park Jong-Wook *see* Jong-Wook Park
Park Jongan *see* Jongan Park
Park Joo Young *see* Joo Young Park
Park Joong-Wan *see* Joong-Wan Park
Park Joung-Eun *see* Joung-Eun Park
Park Joung-June *see* Joung-June Park
Park Jum-moon *see* Jum-moon Park
Park Jun Seok *see* Jun Seok Park
Park Jun-Cheol *see* Jun-Cheol Park
Park Jun-Dong *see* Jun-Dong Park
Park June-Ho *see* June-Ho Park
Park Jung Ho *see* Jung Ho Park
Park Jung Il *see* Jung Il Park
Park Jung Ki *see* Jung Ki Park

Park Jung Woo *see* Jung Woo Park
Park Jung-Byung *see* Jung-Byung Park
Park Jung-Hak *see* Jung-Hak Park
Park Jung-He *see* Jung-He Park
Park Jung-Ho *see* Jung-Ho Park
Park Jung-Hoon *see* Jung-Hoon Park
Park Jung-Shik *see* Jung-Shik Park
Park Jungsun *see* Jungsun Park
Park Juyi *see* Juyi Park
Park Kang Ryoung *see* Kang Ryoung Park
Park Kang-Sik *see* Kang-Sik Park
Park Kee-Tae *see* Kee-Tae Park
Park Ki-Cheol *see* Ki-Cheol Park
Park Ki-Chul *see* Ki-Chul Park
Park Ki-Tae *see* Ki-Tae Park
Park Kihong *see* Kihong Park
Park Kil-Houm *see* Kil-Houm Park
Park Kook-Sang *see* Kook-Sang Park
Park Kun Jong *see* Kun Jong Park
Park Kun-Joo *see* Kun-Joo Park
Park Kun-Woo *see* Kun-Woo Park
Park Kwang Il *see* Kwang Il Park
Park Kwang Ja *see* Kwang Ja Park
Park Kwanhum *see* Kwanhum Park
Park Kwon Chul *see* Kwon Chul Park
Park Kyeong-Ryeol *see* Kyeong-Ryeol Park
Park Kyeongho, Yanghee Choi, Chong Sang Kim Scheduling of storage and cache servers for replicated multimedia data 58015
Park Kyoung Wan *see* Kyoung Wan Park
Park Kyu Chang *see* Kyu Chang Park
Park Kyu Ho *see* Kyu Ho Park
Park Kyu Tae *see* Kyu Tae Park
Park Kyu-Charn *see* Kyu-Charn Park
Park Kyu-Jun *see* Kyu-Jun Park
Park Kyu-Sik *see* Kyu-Sik Park
Park Kyung Sam *see* Kyung Sam Park
Park Kyung-Hyun *see* Kyung-Hyun Park
Park Lae-Jeong *see* Lae-Jeong Park
Park Mann Jang *see* Mann Jang Park
Park Mann-Jang *see* Mann-Jang Park
Park Mignon *see* Mignon Park
Park Min *see* Min Park
Park Min Soo *see* Min Soo Park
Park Min Woo *see* Min Woo Park
Park Min-Ho *see* Min-Ho Park
Park Moon Han *see* Moon Han Park
Park Moon-Ho *see* Moon-Ho Park
Park Moon-Pyung *see* Moon-Pyung Park
Park Moon-Soo *see* Moon-Soo Park
Park Myeong Seok *see* Myeong Seok Park
Park Myong-Soo *see* Myong-Soo Park
Park Myun-Joo *see* Myun-Joo Park
Park Myung-Kwan *see* Myung-Kwan Park
Park Nae-Hak *see* Nae-Hak Park
Park Namkyoo *see* Namkyoo Park
Park Neungsoo *see* Neungsoo Park
Park Oi Yul *see* Oi Yul Park
Park PooGyeon *see* PooGyeon Park
Park Rae Jun *see* Rae Jun Park
Park Rae-Hong *see* Rae-Hong Park
Park Rin *see* Rin Park
Park Sang Ho *see* Sang Ho Park
Park Sang-Durk *see* Sang-Durk Park
Park Sang-Gyu *see* Sang-Gyu Park
Park Sang-Hui *see* Sang-Hui Park
Park Sang-Koo *see* Sang-Koo Park
Park Sanghyun *see* Sanghyun Park
Park Sangtae *see* Sangtae Park
Park Se-Kwang *see* Se-Kwang Park
Park Seo Yeon *see* Seo Yeon Park
Park Seok Ha *see* Seok Ha Park
Park Seong Hoon *see* Seong Hoon Park
Park Seong Su *see* Seong Su Park
Park Seong-Ju *see* Seong-Ju Park
Park Seong-Kil *see* Seong-Kil Park
Park Seong-Ook *see* Seong-Ook Park
Park Seong-Sik *see* Seong-Sik Park
Park Seong-Su *see* Seong-Su Park
Park Seong-Taek *see* Seong-Taek Park
Park Seop Hyeong *see* Seop Hyeong Park
Park Seoun-Hwan *see* Seoun-Hwan Park
Park Seoung-Hwan *see* Seoung-Hwan Park
Park Seung-Eek *see* Seung-Eek Park
Park Seung-Han *see* Seung-Han Park
Park Seung-Man *see* Seung-Man Park
Park Seungjun *see* Seungjun Park
Park Soon *see* Soon Park
Park Soon Ja *see* Soon Ja Park
Park Soon Oh *see* Soon Oh Park
Park Soon-Yong *see* Soon-Yong Park
Park Soondal *see* Soondal Park
Park Su-Moon *see* Su-Moon Park
Park Sung Han *see* Sung Han Park
Park Sung Hyun *see* Sung Hyun Park
Park Sung-Bum *see* Sung-Bum Park
Park Sung-Han *see* Sung-Han Park
Park Sung-Ho *see* Sung-Ho Park
Park Sung-June *see* Sung-June Park
Park Sung-Woo *see* Sung-Woo Park
Park Sungkook *see* Sungkook Park
Park Sungsoo *see* Sungsoo Park
Park Tae-Soo *see* Tae-Soo Park
Park Tai-su *see* Tai-su Park
Park Wee Seng *see* Wee Seng Park
Park Won Sik *see* Won Sik Park
Park Won-Bae *see* Won-Bae Park
Park Wonjin *see* Wonjin Park
Park Woo Goo *see* Woo Goo Park
Park Woo-Gu *see* Woo-Gu Park
Park Yeong-Ho *see* Yeong-Ho Park
Park Yeoung-Ho *see* Yeoung-Ho Park
Park Yong Kwan *see* Yong Kwan Park
Park Yong-Kwan *see* Yong-Kwan Park
Park Yong-Wan *see* Yong-Wan Park
Park Young Ho *see* Young Ho Park
Park Young Jun *see* Young Jun Park
Park Young June *see* Young June Park
Park Young Moon *see* Young Moon Park
Park Young So *see* Young So Park
Park Young Soo *see* Young Soo Park
Park Young-Bae *see* Young-Bae Park
Park Young-Bog *see* Young-Bog Park
Park Young-Duk *see* Young-Duk Park
Park Young-June *see* Young-June Park
Park Young-Keun *see* Young-Keun Park
Park Young-Moon *see* Young-Moon Park
Park Young-Pil *see* Young-Pil Park
Park Young-Sik *see* Young-Sik Park
Park Young-Tae *see* Young-Tae Park
Park Yung *see* Yung Park
Parka, J. *see* Bartkiewicz, S. 14429
Parkan, C., Mingu Wu Selection of a manufacturing process with multiple benefit attributes 9959
Parkansky, N., Boxman, R.L., Goldsmith, S., Rosenberg, Y. Arc erosion reduction on electrical contacts using transverse current injection 22006
Parkansky, N. *see* Alterkop, B. 40539
Parke, R. *see* O'Brien, S. 44508
Parke, S.A. *see* Assaderaghi, F. 32409
Parker, A. *see* Heo, D.-H. 52969
Parker, A. *see* Scott, J. 27389
Parker, A.T. Sizewell B first cycle--a Westinghouse fleet performance perspective 9025
Parker, B. *see* Bartel, W. 37084
Parker, B. *see* Widmer, A.X. 26425
Parker, B.A. *see* Gorin, A.L. 46969
Parker, B.E., Jr. *see* Carley, M.P. 60388
Parker, B.E., Jr. *see* Larson, E.C. 60429
Parker, C. *see* Lucovsky, G. 881
Parker, C.D. *see* Brown, E.R. 11708
Parker, D. *see* Scudiere, J.D. 60402
Parker, D.G. Towards low cost single-mode fibre optic components 36143
Parker, D.J. DVD, the update 7097
Parker, D.L. *see* Zhou, R. 8033
Parker, E. *see* Hye-Sook Park 58842
Parker, E.A. *see* Stanley, A. 45471
Parker, E.H.C. *see* Emeleus, C.J. 42225
Parker, F.T., Spada, F.E., Cox, T.J., Berkowitz, A.E. Moessbauer effect study of metal particle tape stability 13453
Parker, G. A computer-aided symbolic three-pole active filter synthesis technique 31362
Parker, J., Midkiff, C., Kavanaugh, S. Capstone senior design at the University of Alabama 20496
Parker, J., Verhaverbeke, S., McConnell, C. Wet processing of vias and trenches 42629
Parker, J. *see* Jia, F. 6809
Parker, J.C., Jr. Via coupling within parallel rectangular planes 34128
Parker, J.C., Jr. *see* Sen, B.K. 1741
Parker, J.F., Current, K.W. A CMOS continuous-time bandpass filter with peak-detection-based automatic tuning 11560
Parker, J.F. *see* Current, K.W. 43271
Parker, J.H., Miller, J.E., Schoenherr, J.R. Collection and processing of multibeam and side-scan data to hydrographic standards 50158
Parker, J.H., Jr. *see* DeLong, M.L. 4100
Parker, J.H., Jr *see* Manasson, V.A. 8699
Parker, J.H., Jr. *see* Milligan, S.A. 8262
Parker, J.H., Jr. *see* Nicholson, J.E. 7644
Parker, J.K. *see* Byrd, V.T. 49947
Parker, J.K. *see* Richardson, J.A. 20659
Parker, J.L., Jr. The performance and characteristics of the imidazole coating [soldering] 22038
Parker, J.V., Berry, D.T., Snowden, P.T. The IAT electromagnetic launch research facility 24409
Parker, J.V., Levinson, S.J. Muzzle arc control using an inductive shunt 33904
Parker, J.W. *see* McConnell, C. 42472
Parker, J.W. *see* Verhaverbeke, S. 42522
Parker, J.W. *see* Walter, A.E. 58903
Parker, K.J., Gao, L., Lerner, R.M., Levinson, S.F. Techniques for elastic imaging: a review 18187
Parker, K.J. *see* Fung, H.T. 26078
Parker, K.J. *see* Jiebo Luo 56685
Parker, K.J. *see* Lulin Chen 57371
Parker, K.J. *see* Phillips, D. 28115
Parker, K.J. *see* Sun, Z. 15799
Parker, K.J. *see* Sun, Z. 46209
Parker, K.J. *see* Tamez-Pena, J.G. 59529
Parker, K.J. *see* Xucai Chen 59423
Parker, K.P. *see* Oresjo, S. 53464
Parker, K.P. *see* Tegethoff, M.M.V. 41579
Parker, L. *see* Kokas, J. 1809
Parker, M. *see* Oldham, N. 27349
Parker, M. *see* Oldham, N. 27492
Parker, M.A., Shire, D.B. A model for optically quenched lasers 23940
Parker, M.A. *see* Beringer, J. 37394
Parker, M.C., Cohen, A.D., Mears, R.J. Dynamic holographic spectral equalization for WDM 47973
Parker, M.C., Mears, R.J. Novel digital-tuning mechanism for lasers 23809
Parker, M.C., Mears, R.J. Digitally tunable WDM source 36164
Parker, M.C. *see* Mears, R.J. 3658
Parker, P. *see* Davis, J.A. 36360
Parker, P.A. *see* Englehart, K. 59735
Parker, R. *see* Burkett, S.L. 55042
Parker, R. *see* Schmidt, J. 59928
Parker, R.B. *see* Beard, C.A. 7757
Parker, R.E. *see* Klaesner, J.W. 49468
Parker, R.K. *see* Choi, J.J. 1940
Parker, R.K. *see* Choi, J.J. 12098
Parker, R.L. Coherence of signals from magnetometers on parallel paths 60020
Parker, S.R. *see* Edlund, A.E. 5988
Parker, T. The twists and turns of fraud [cellular telecommunications industry] 16603
Parker, T. *see* Middleton, N.T. 20590
Parker, T.E., Levine, J. Recent improvements in the performance of the NIST AT1 time scale 27330
Parker, T.E. *see* Andres, D. 13403
Parker, T.E. *see* Ascarrunz, F.G. 26664
Parker, T.E. *see* Ascarrunz, F.G. 27939
Parker, T.E. *see* Hackman, C. 59039
Parker, T.E. *see* Jefferts, S.R. 27940
Parker, T.E. *see* Jefferts, S.R. 36106
Parker, T.E. *see* Lee, W.D. 27325
Parker, T.E. *see* Weiss, M.A. 26798
Parker, T.R., Farhadiroushan, M., Handerek, V.A., Rogers, A.J. The simultaneous measurement of strain and temperature distributions from Brillouin backscatter 48635
Parker, T.W., Marshall, C.A., Kohin, M., Murphy, R. Uncooled infrared sensors for surveillance and law enforcement applications 48655
Parkerson, J.P., Ulrich, R., Schaper, L., Kandikattu, V., Hinshaw, B., Yasmeen, N., Stokich, T. An MCM-D test substrate for evaluating benzocyclobutene (BCB)/copper processes 53877
Parkerson, J.P. *see* Arnn, D.A. 1866
Parkerson, J.P. *see* Glover, M.D. 1875
Parkes, A. *see* Nack, F. 48243
Parkes, D.M. *see* Ridge, N.A. 19910
Parkes, D.M. *see* Ridge, N.A. 51408
Parkhurst, G.M. *see* Collins, C.E. 53635
Parkhutik, V.P., Matveeva, E.S., Namavar, F., Kalcoran, N. Mechanism of AC electrical transport of carriers in freshly formed and aged porous silicon 41823
Parkin, I.P. *see* Henshaw, G. 669
Parkin, R.M. *see* Calkin, D.W. 25734
Parkin, S.S.P. Flexible giant magnetoresistance sensors 3259
Parkin, S.S.P. *see* Rishton, S.A. 43606
Parkinson, B. *see* Buchman, S. 7545
Parkinson, B. *see* Conway, A. 18748
Parkinson, B.W. Origins, evolution, and future of satellite navigation 26670
Parkinson, B.W. *see* Changdon Kee 27114
Parkinson, B.W. *see* Cohen, C.E. 60003
Parkinson, B.W. *see* O'Connor, M.L. 17002
Parkinson, B.W. *see* Pullen, S.P. 37969
Parkinson, D.B. Robust design by variability optimization 52129
Parkinson, G. *see* Abbas, H. 45817
Parkinson, H. Data Transfer Solution '96 [PCB CAD/CAM] 1791
Parkinson, N.S. *see* Chittock, R.S. 31640
Parkkinen, J. *see* Hauta-Kasari, M. 5568
Parkkinen, J. *see* Keinonen, T. 44739
Parkkinen, J. *see* Silfsten, P. 7433
Parkkinen, S. *see* Silfsten, P. 7433
Parks, C. *see* Naeem, M.D. 42355
Parks, D., Coleman, P., Ingermanson, R., Rix, W., Thompson, J., Watrous, J., Grossman, J. The effect of neutrals on the performance of plasma opening switches 19896
Parks, D. *see* Ingermanson, R. 9439
Parks, D. *see* Watrous, J. 19898
Parks, J.W., Smith, A.W., Brennan, K.F., Tarof, L.E. Theoretical study of device sensitivity and gain saturation of separate absorption, grading, charge, and multiplication InP/InGaAs avalanche photodiodes 13844
Parks, M.A.N., Saunders, S.R., Evans, B.G. A wideband channel model applicable to mobile satellite systems at L- and S-band 35992
Parks, T.M., Pine, J.L., Lee, E.A. A comparison of synchronous and cycle-static dataflow 4803
Parks, T.W. *see* Campbell, W.M. 16014
Parks, T.W. *see* Campbell, W.M. 45739
Parks, T.W. *see* Campbell, W.M. 45958
Parks, T.W. *see* Liang, J. 46359
Parks, T.W. *see* Ramprashad, S.A. 15189
Parks, T.W. *see* Ramprashad, S.A. 25096
Parks, T.W. *see* Ramprashad, S.A. 45999
Parks, T.W. *see* Richman, M.S. 45998
Parks, T.W. *see* Weisburn, B.A. 4900
Parks, W.J. *see* Oshinski, J.N. 59476
Parlak, M. *see* Gunal, I. 41969
Parlangeau, N., Andre-Obrecht, R., Marchal, A. Automatic articulatory annotation of multi-sensor speech database 14992
Parlato, L., Peluso, G., Pepe, G.P., Monaco, R. Non-equilibrium effects in 3-terminal Nb-based stacked double junctions: preliminary results 23421
Parlato, R. *see* Dahlin, M.J. 18931
Parlitz, U., Junge, L., Kocarev, L. Synchronization-based parameter estimation from time series 21468
Parlog, C. *see* Cobianu, C. 40517

Parmee, I.C. Towards an optimal engineering design process using appropriate adaptive search strategies 39711
Parmee, I.C. *see* Chen, K. 60505
Parmentier, B. *see* Quintard, V. 30192
Parmentier, P. *see* Jacob, J.-B. 16517
Parmeter, J.E., Shul, R.J., Howard, A.J., Miller, P.A. Treatment of InP surfaces in radio frequency H_2 and H_2/CH_4/Ar plasmas: in situ compositional analysis, etch rates, and surface roughness 22563
Parmiggiani, F. *see* Baraldi, A. 57079
Parmigiani, F., Rollandi, L., Samoggia, G., Depero, L.E. X-ray photoelectron study of the relaxor lead magnesium niobate 2961
Parmigiani, F. *see* Sambi, M. 52614
Parmiter, P.J.M., Swanson, J.G. Comparative measurements of the electron emission behavior of Si_3N_4-InGaAs interfaces prepared by remote and direct PECVD 12572
Parmiter, P.J.M. *see* Vainos, N.A. 14434
Parmon, V.N. *see* Levitskij, E.A. 38946
Parmon, V.N. *see* Prokopiev, S.I. 60555
Parnanen, P. *see* Lemstrom, G. 34992
Parnas, R.S. *see* Dunkers, J.P. 48368
Parnasov, V.S. Nuclear-physical methods for nondestructive thickness and quality control of multicomponent coatings 21414
Parnasov, V.S. Aspects of monitoring the thickness of multicomponent coatings by X-ray methods 36906
Parnasov, V.S. Distinctive features of β-radiation thickness control of multicompoment coatings 48889
Parnis, D. *see* Lyakas, M. 42061
Parodi, G. *see* De Gloria, A. 15760
Parodi, M., Storage, M. On a circuit representation of the Hodgkin and Huxley nerve axon membrane equations 53479
Parodi, M. *see* Cincotti, S. 53825
Parodi, M. *see* Haaland, P. 17667
Parodi, M.T. *see* Bonfiglio, A. 58886
Parodi, M.T. *see* Fanigliulo, A. 7454
Parodi, R. *see* Fabbricatore, P. 13487
Parodos, T. *see* Karam, N.H. 699
Parodos, T. *see* Sudharsanan, R. 7914
Paromtchik, I.E., Laugier, C. Autonomous parallel parking of a nonholonomic vehicle 29826
Paroski, M., Milosevic, V., Pascan, M. Modifications of the CCIR method for the field strength prediction and their application in private radio communication systems 26495
Parpal, J.-L., Awad, R., Choquette, M., Becker, J., Hiivala, L., Chatterjee, S., Kojima, T., Rosevear, R.D., Morelli, O. Prequalification tests of 345-kV XLPE cable system at IREQ 19343
Parpal, J.-L., Awad, R., Choquette, M., Becker, J., Hiivala, L., Chatterjee, S., Kojima, T., Rosevear, R.D., Morelli, O. Successful testing of 345-kV XLPE cables and premolded joints at IREQ 50588
Parpal, J.-L., Guddemi, C., Lamarre, L. Characterization of XLPE cable insulation by dynamic mechanical thermal analyzer (DMTA) 8906
Parpal, J.-L. *see* Crine, J.-P. 2888
Parpal, J.-L. *see* Crine, J.-P. 11783
Parpal, J.-L. *see* David, E. 19359
Parr, A.C. *see* Cromer, C.L. 17154
Parr, G., Wright, S. A proposed protocol improvement for ATM cell processing within SDH multiplexers 26433
Parr, R. *see* Keusseyan, R.L. 53809
Parr-Burman, P., Shore, P. Diamond turning of silicon optics 3529
Parra, G.A., Mouchot, M., Roux, C. A multitemporal land-cover change analysis tool using change vector and principal components analysis 8541
Parra, H.Zelaya De La *see* Zelaya De La Parra, H.
Parra, H.Zelaya dela *see* Zelaya dela Parra, H.
Parra, L.C. *see* Pearlmutter, B.A. 24874
Parra, M.C., Lopez de Silanes, M.C., Torrens, J.J. Vertical fault detection from scattered data 525
Parra, T. *see* Plana, R. 53566
Parrado, D. *see* Carreira, J.M. 37712
Parrell, A.J.A. *see* Edelman, H.S. 43737
Parrell, J.A., Larbalestier, D.C., Riley, G.N., Jr., Li, Q., Parrella, R.D., Teplitsky, M. Enhancement of the 77 K irreversibility field and critical current density of $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ tapes by manipulation of the final cooling rate 13476
Parrell, J.A. *see* Polak, M. 43735
Parrella, R.D. *see* Parrell, J.A. 13476
Parriaux, O. *see* Kley, E.-B. 13198
Parriaux, O. *see* Sychugov, V.A. 13676
Parrikar, R.P., Gupta, K.C. Multiport network model for CAD of electromagnetically-coupled microstrip patch antennas 34202
Parris, C.P., Haggard, R.L. An architecture for a high speed fuzzy logic inference engine in FPGAs 41046
Parris, E.S., Carey, M.J. Language independent gender identification 15086
Parris, E.S. *see* Wright, J.H. 14922
Parrish, A. *see* Ricaud, P. 60040
Parrish, J.A. Lasers and electro-optics in the health care of the future 59484
Parrish, K.A. *see* Ebben, T.H. 6786
Parrish, P. *see* Emerling, M. 7100
Parrot, J.-F. *see* Taud, H. 48072
Parrot, M., Trotignon, J.G., Rauch, J.L., Woolliscroft, L.J.C., Kingsley, S.P., Cerisier, J.C., Blanc, E., Fry, C.D., Yowell, R.J. An ionospheric sounder for the Mars landers 48197
Parry, C.K., Chu, R.Y.L., Eaton, B.G., Ching-Yuan Chen Measurement of skin entrance exposure with a dose-area-product meter at chest radiography 59843
Parry, C.M. *see* Felber, F.S. 60134
Parry, D.A. *see* Miller, L.S. 36963
Parry, G. *see* Ghisoni, M. 44778
Parry, G. *see* Hunt, J. 33310
Parry, G. *see* Killey, R.I. 16758
Parry, G.E., Middlemiss, J.J. Design and construction to achieve low starting currents on hazardous area motors 60653
Parry, G.W. The characterization of uncertainty in probabilistic risk assessments of complex systems 39675
Parry, G.W. *see* Julius, J.A. 9004
Parry, J.D. *see* Rosten, H.I. 52280
Parry, J.W. Recovery methods for machines in hazardous areas 61389
Parry, T. *see* Hall, R.M. 12791
Parsa, M., Garcia-Luna-Aceves, J.J. A scalable and loop-free multicast Internet protocol 46737
Parsa, M., Garcia-Luna-Aceves, J.J. Scalable Internet multicast routing 47192
Parsa, M., Garcia-Luna-Aceves, J.J. A protocol for scalable loop-free multicast routing 57615
Parsa, Z. *see* Palmer, R.B. 17966
Parsaei, H.R. *see* Sullivan, W.G. 20485
Parsai, E.I. Three-dimensional dosimetric analysis and quantitative bremsstrahlung SPECT imaging for treatment of nonrespectable pancreatic cancer using colloidal phosphorus-32 49776
Parsai, E.I. *see* Sen, A. 37917
Parsegov, I.Yu. *see* Balbashov, A.M. 43747
Parsey, J.M., Jr., Kyler, K., Cronin, W., Mobley, P., Scrivner, B.L., Valocchi, S., Sue, I., Mohr, J., Monarch, K., Keller, B., Lai, L.-P. Investigation of SnPbAg solder for die attach of GaAs devices 12028
Parshall, E.R., Mooney, J.M., Anselmo, A.P. Infrared stereo imaging for 3-D tracking of point targets 38170
Parshikov, S.A. *see* Sysoev, A.M. 54939
Parshin, M.V. *see* Makhrovskiy, O. 35797
Parsi, K., Burns, R.P., Chaiken, A., Chambers, M.J., Forni, W.R., Harnishfeger, D., Kaylor, S., Pennell, M.J., Perez, J.O., Rao, N., Rohrbaugh, M., Ross, M., Stuhlmiller, G.L. A PRML read/write channel IC using analog signal processing for 200 Mb/s HDD 3208
Parsonage, T.B. *see* Cayrel, M. 33194
Parsonese, J.J. *see* Kang, M.H. 26107
Parsons, A. *see* Kurczynski, P. 59369
Parsons, A. *see* Stahle, C.M. 37354
Parsons, C.A. *see* Hovde, D.C. 48985
Parsons, D. *see* Yi Huang 36850
Parsons, G.N. *see* Chowdhury, A.I. 40612
Parsons, G.N. *see* Srinivasan, E. 12305
Parsons, G.N. *see* Srinivasan, E. 30934
Parsons, G.N. *see* Srinivasan, E. 40615
Parsons, I. *see* Velthuys, R. 47379
Parsons, J. *see* Huang, W. 725
Parsons, J.D. *see* Hahn, S.R. 30774
Parsons, J.R. *see* Seat, J.E. 20498
Parsons, N.J. *see* Aitken, A. 16755
Parsons, T.L., Graves, M.S. Two-Way Data Link (TWDL) implementation in an automation system 59977
Partal, H.P. *see* Sengor, T. 34207
Partanen, J. *see* Jarventausta, P. 50549
Partanen, J. *see* Verho, P. 38258
Parten, M., Vines, D., Jones, J., Ertas, A. Program for multidisciplinary engineering projects 20694
Parter, S.V. *see* Sang Dong Kim 21194
Partha, R. Use matrix models to make analysis easy for microstrip matching circuits 21888
Parthasarathi, A.A. *see* Shiu, J. 28386
Parthasarathi, R., Jhunjhunwala, A. Techniques for efficient symbolic substitution implementations using one-of-many coding 3519
Parthasarathi, R., Jhunjhunwala, A. Design tool for symbolic substitution 23608
Parthasarathy, G. *see* Chaudhury, S. 57163
Parthasarathy, G. *see* Lo, W.K. 22150
Parthasarathy, J. Thermal power plants–performance indices and steps for improved performance 29055
Parthasarathy, K. *see* Ananthapadmanabha, T. 38341
Parthasarathy, K. *see* Rao, P.S.N. 29367
Parthasarathy, S. *see* Qi Li 15085
Parthasarathy, S. *see* Rosenberg, A.E. 15128
Parthasarathy, V., Modestino, J.W., Vastola, K.S. Design of a transport coding scheme for high-quality video over ATM networks 56686
Parthasarathy, V. *see* Elasser, A. 21483
Parthier, L. *see* Wruck, D. 42406
Partin, D.L. *see* Panaev, I.A. 12279
Partington, E.C., Kay, E.W.C., Bullough, W.A. An electrostatic stepper motor 9288
Partlo, W. *see* Morton, R.G. 2481
Partlow, W.D. *see* Bornscheuer, K.H. 40591
Partlow, W.D. *see* Chantry, P.J. 27942
Parton, D. *see* Silvestre, S. 39211
Partovi, A., Peale, D., Murray, C.A., Zydzik, G., Hopkins, L., Yeh, J.H.-J., Wuttig, M., Chichester, R., Dhar, L., Vakhshoori, D., Hobson, W.S., Wynn, J., Lopata, J. Ultrahigh density near-field optical storage 3354
Partovi, A. *see* Canoglu, E. 12407
Partovi, A. *see* Smith, S.L. 14456
Partridge, C.A. *see* Arnold, W.M. 48732
Partridge, J., Viswanadham, P. Organic carrier requirements for flip chip assemblies 39849
Partsvaniva, V.M. Some aspects of topological synthesis of information-computer systems 6110
Partyka, A. *see* Ciechanowicz, W. 19226
Partyka, J. *see* Zukowski, P. 54337
Parui, S.K. *see* Bhattacharya, U. 5571
Parui, S.K. *see* Datta, A. 15523
Parui, S.K. *see* Datta, A. 35341
Parui, S.K. *see* Mukherjee, A. 5654
Parulekar, S., Hafez, R.H.M. A simulation approach to the performance evaluation of a broadband indoor wireless network 46570
Parulian, A., Rodgers, J.C., McFarland, A.R. A constant flow filter air sampler for workplace environments 49819
Parulkar, G. *see* Schmidt, D.C. 35662
Parulski, K. *see* Bouvy, R. 17096
Parvaneh, F., Farhadiroushan, M., Handerek, V.A., Rogers, A.J. High-resolution optical-fibre distributed temperature sensor based on the frequency-derived technique 17411
Parvaneh, F., Farhadiroushan, M., Handerek, V.A., Rogers, A.J. Single-shot distributed optical-fiber temperature sensing by the frequency-derived technique 58777
Parvatheeswara Rao, B., Rao, K.H. Direct current resistivity studies of various polycrystalline Ni-Zn-Sc ferrites 2059
Parve, T. *see* Min, M. 48406
Parve, T. *see* Min, M. 59608
Parvin, B., Medioni, G. B-rep object description from multiple range views 5496
Parvin, P., Zaeferani, M.S., Mirabbaszadeh, K., Sadighi, R. Measurement of the small-signal gain and saturation intensity of a XeF discharge laser 44329
Parys, P. *see* Mroz, W. 59182
Parys, P. *see* Wolowski, J. 37205
Parzelka, Z. *see* Gondek, J.J. 58698
Parzen, B. Universal, computer facilitated, steady state oscillator, closed loop analysis theory. Applications to oscillator, computer aided, open loop analysis 11230
Pas, M.F., Wise, R.L., Tiner, P., Hey, P., Hsia, S., Brennan, J. Application of rapid thermal chemical vapor deposition (RTCVD): silicon nitride for 0.25 μm processing 42446
Pas, M.F. *see* Hattangady, S.V. 42554
Pas, M.F. *see* Hossain-Pas, S.D. 42527
Pas, M.F. *see* Kittl, J.A. 22617
Pas, M.F. *see* Nanda, A.K. 22486
Pas, M.F. *see* Park, J.-G. 42457
Pas, M.F. *see* Riley, T.J. 22512
Pasa, A.A. *see* dos Santos Filho, S.G. 40516
Pasa, A.A. *see* dos Santos Fo, S.G. 40515
Pasalic, F. *see* Hui, S.Y.R. 51174
Pasalic, F. *see* Sathiakumar, S. 60873
Pasalic, N. *see* Zdenkovic, J. 51713
Pascal, D. *see* Orobtchouk, R. 55281
Pascal, F. *see* Delseny, C. 32382
Pascal, F. *see* Jarrix, S. 32381
Pascal, F. *see* Podlecki, J. 17359
Pascal, J.-C. *see* Carniel, X. 59025
Pascal, O., Lemaitre, F., Soum, G. Improvement of conical corrugated horn analysis using Gaussian beams 45356
Pascal, V. *see* Laurent, D. 48875
Pascal-Delannoy, F. *see* Giani, A. 31819
Pascal-Delannoy, F. *see* Malzac, J.P. 10712
Pascal-Delannoy, F. *see* Malzac, J.P. 10713
Pascal-Delannoy, F. *see* Podlecki, J. 17359
Pascale, A. *see* Enescu, E. 40673
Pascale, M.P.De *see* De Pascale, M.P.
Pascan, M. *see* Paroski, M. 26495
Pascaru, I. *see* McClelland, T. 27822
Pascault, P. *see* Kranbuehl, D. 11003
Pascazio, M., Autric, J.M., Favier, D., Maresca, C. Boundary-layer characterization on moving walls by an embedded laser velocimetry technique 36971
Pascazio, V., Schirinzi, G. Reduction of multiplicative noise in SAR imaging by Wiener filtering 6892
Pascazio, V. *see* Pierri, R. 8371
Paschalis, A. *see* Gizopoulos, D. 1236
Paschalis, A. *see* Gizopoulos, D. 21584
Paschalis, A. *see* Gizopoulos, D. 43186
Paschalis, A. *see* Tsiatouhas, Y. 43257
Paschen, U. *see* Palsule, C. 42077
Pascher, W.W. *see* Van Dam, C. 47980
Paschke, S. *see* Strick, L. 35625
Paschoareli, D. *see* Yacamini, R. 50465
Paschos, V.T., Demange, M. A generalization of Konig-Egervary graphs and heuristics for the maximum independent set problem with improved approximation ratios 52459
Paschotta, R., Brinck, D.J.B., Farwell, S.G., Hanna, D.C. Resonant loop mirror with narrow-band reflections and its application in single-frequency fiber lasers 33419
Paschotta, R., Hanna, D.C., De Natale, P., Modugno, G., Inguscio, M., Laporta, P. Power

amplifier for 1083 nm using ytterbium doped fibre 44380
Paschotta, R., Nilsson, J., Barber, P.R., Caplen, J.E., Tropper, A.C., Hanna, D.C. Lifetime quenching in Yb-doped fibres 44387
Paschotta, R., Nilsson, J., Reekie, L., Trooper, A.C., Hanna, D.C. Single-frequency ytterbium-doped fiber laser stabilized by spatial hole burning 23827
Paschotta, R. *see* Cautaeris, V. 55521
Pascoe, H.N. Automating to succeed under privatization [electric utilities] 38448
Pascoe, N.T. *see* Bunkofske, R.J. 32519
Pascoli, S.Di *see* Di Pascoli, S.
Pascovici, G. *see* Wilhelm, M. 37536
Pascual, J. *see* Alsina, F. 41915
Pascual, J.P., Portilla, J., Artal, E. Design approaches for oscillators in low microwave bands 53657
Pascucci, T. *see* Falciai, R. 24175
Pasechnik, S. *see* Grianik, M. 56141
Pasek, J.E., Schneider, R.W., Sciance, F.S. Sustaining automobility 29760
Pashagin, A.I., Benklevskaya, I.P. Experimental examination of the magnetic field of a surface defect of complicated form in a ferromagnetic component 52882
Pashchenko, A.V., Pashchenko, I.A. Non-linear self-acceleration of electrons emitted by plasma cathode 28011
Pashchenko, I.A. *see* Pashchenko, A.V. 28011
Pashchenko, L.P. *see* Munoz, J.A. 44215
Pashev, G.P. *see* Kir'yanov, K.G. 7609
Pashev, G.P. *see* Logachev, V.A. 17185
Pashinin, P.P., Sidorin, V.S., Tumorin, V.V., Shklovskii, E.I. Laser with stimulated-Brillouin-scattering and self-pumping phase-conjugating mirrors 44404
Pashitski, A.E. *see* Polak, M. 43735
Pashkov, S. *see* Kalashnikova, I. 13233
Pashkovskii, A.B. *see* Belyaeva, I.V. 42140
Pashley, D.W. *see* Zhang, X. 767
Pasierbinski, J. *see* Kalisz, J. 27437
Pasik, M.F. *see* Aguirre, G. 4282
Pasik-Duncan, B. *see* Duncan, T.E. 40223
Pasin, W. *see* Sacconi, A. 27305
Pasini, A. *see* Huybrechts, C. 465
Pasini, S. *see* Coghe, A. 27391
Pasini, S. *see* Ghezzi, U. 29058
Pask, H.M., Tropper, A.C., Hanna, D.C. A Pr^{3+}-doped ZBLAN fibre upconversion laser pumped by an Yb^{3+}-doped silica fibre laser 23786
Paskaleva, A. *see* Spassova, E. 23097
Paskevich, V. *see* Bird, R.T. 18807
Pasko, J. *see* Bubulac, L.O. 2099
Pasko, J.G. *see* Bajaj, J. 708
Pasko, J.G. *see* Dhar, N.K. 40418
Pasko, J.G. *see* Kozlowski, L.J. 17493
Pasko, J.G. *see* Motamedi, M.E. 58848
Paskova, T. *see* Valcheva, E. 22243
Paslaski, J. *see* Gee, C.M. 55672
Paslaski, J.S., Chen, P.C., Chen, J.S., Gee, C.M., Bar-Chaim, N. High-power microwave photodiode for improving performance of rf fiber optic links 58353
Pasmanik, G.A. *see* Andreyev, N.F. 14377
Pasmanik, G.A. *see* Freidman, G.I. 18835
Pasmore, T.A., Talbot, J., Lackritz, H.S. Characterization of the internal electric field distribution and chromophore orientation during electric field poling in doped polymer thin films 43546
Pasmurov, A.Ya., Likhachev, V.P. Aircraft radar imaging with partially coherent signal 36260
Pasnak, L., Savenko, P. About one method of antenna array's synthesis through a given amplitude directivity pattern with regard to the mutual coupling 45452
Pasnicu, C. *see* Rezlescu, E. 676
Pasnicu, C. *see* Rezlescu, E. 3164
Pasotti, M. *see* Brattoli, M. 25769
Pasquale, F.Di *see* Di Pasquale, F.
Pasquale, J. *see* Kay, J. 25951
Pasquale, M. *see* Crottier-Combe, S. 38782
Pasqualetti, A. *see* Luiten, A.N. 48500
Pasqualucci, E. *see* Andryakov, A. 37226
Pasquarelli, A., Del Gratta, C., Della Penna, S., Di Luzio, S., Pizzella, V., Romani, G.L. A SQUID based AC susceptometer for the investigation of large samples 8007
Pasquarello, A., Hybertsen, M.S., Car, R. Comparison of structurally relaxed models of the Si(001)-SiO_2 interface based on different crystalline oxide forms 2285
Pasquariello, G. *see* Chiaradia, M.T. 8365
Pasquariello, G. *see* Chiaradia, M.T. 48077
Pasquariello, G. *see* Sergi, R. 8302
Pasquay, J.N. EGNOS, a European contribution to the Global Navigation Satellite System (GNSS) and requirements for maritime navigation 36282
Pasquet, D., Riviere, J.-R., Boudiaf, A., Werling, T., Delacressonniere, B. Measurement of the noise figure with the two-temperature method 27882
Pasquier, J. *see* Ducellier, T. 47962
Pasquier, M., Goncalves, P., Baraniuk, R. Hybrid linear/bilinear time-scale analysis 45779
Pasquiers, S. *see* Richeboeuf, L. 13940
Pasquinelli, M. *see* Porre, O. 39021
Pasquinelli, R. *see* Young, P. 37201
Pasquini, R.M. *see* Alciatore, D.G. 4175
Pass, G., Zabih, R. Histogram refinement for content-based image retrieval 25466
Passacantando, M. *see* Cantalini, C. 27730
Passacantando, M. *see* Sun, H.-T. 36735
Passaggio, F. *see* Anguita, D. 57428
Passaggio, F. *see* De Gloria, A. 15760
Passaggio, S. *see* Paolucci, P. 37242
Passamonti, L. *see* Benussi, L. 37231
Passari, L. *see* Adegboyega, G.A. 32111
Passariello, G. *see* Bravo, R. 59650
Passariello, G. *see* Esteller, R. 59589
Passariello, G. *see* Gomis, P. 49679
Passariello, G. *see* Hernandez, A.I. 49610
Passariello, G. *see* Ng, F. 49622
Passariello, G. *see* Wong, S. 59658
Passaro, A. *see* Abe, N.M. 39627
Passaro, A. *see* Brodskyn, H.O. 50597
Passas, N.I., Loukas, N., Kaloxylos, A., Kuehnel, T., Wu, Y.-S. Alternatives of signalling channel allocation in wireless ATM networks 26596
Passas, N.I., Merakos, L.F. A rate-based overload control method for the radio channel in PCN 6568
Passas, N.I., Outsios, S., Skyrianoglou, D., Merakos, L. A medium access control framework for wireless ATM networks 26503
Passchier, D.M. *see* Tummers, M.J. 15156
Passchier, O. *see* Koole, G. 46608
Passeggio, G. *see* Adam, A. 37280
Passeggio, G. *see* Cevenini, F. 14219
Passelergue, J.-C., Besanger, Y., Hadjsaid, N., Feuillet, R. Effects of FACTS devices on static voltage stability 19279
Passemard, G. *see* Labiadh, A. 42645
Passenberg, W. *see* Umbach, A. 3650
Passenberg, W. *see* Umbach, A. 6867
Passenberg, W. *see* van Waasen, S. 47939
Passeri, D., Ciampolini, P., Baroncini, M., Santocchia, A., Bilei, G.M., Checcucci, B., Fiandrini, E. Comprehensive modeling of silicon microstrip detectors 59223
Passeri, D. *see* Colalongo, L. 58724
Passeri, D. *see* Faldella, E. 46292
Passeri, P., Augusto, S., Parente, F., Ferrero, U., De Bortoli, M. Evolution of the access network for broadband services in Italy 47429
Passeri, P., Aureli, G., Zerbini, E., Palombieri, G. Broadband access network solutions: network and service availability comparison 47414
Passeri, P. *see* Ferrero, U. 6366
Passerieux, J.M. *see* Sitbon, S. 6993
Passerieux, J.P. *see* de Carlan, L. 37504
Passerini, B. *see* Profumo, F. 31085
Passerini, S. *see* Tipton, A.I. 19953
Passernard, G., Fugier, P., Noel, P., Pires, F., Demolliens, O. Study of fluorine stability in fluoro-silicate glass and effects on dielectric properties 40693
Passero, P., Hollenbach, S. Utilizing intelligent network technology in customer care applications 26318
Passerone, C., Lavagno, L., Sansoe, C., Chiodo, M., Sangiovanni-Vincentelli, A. Trade-off evaluation in embedded system design via co-simulation 41226
Passiopoulos, G., Robertson, I.D. Smart antenna techniques for wireless mobile multimedia services 47211
Passiopoulos, G. *see* Sanchez-Hernandez, D. 14764
Passlack, M., Hong, M. Low interface state density oxide-GaAs structures fabricated by in-situ molecular beam epitaxy 21318
Passlack, M., Hong, M., Mannaerts, J.P., Opila, R.L., Chu, S.N.G., Moriya, N., Ren, F., Kwo, J.R. Low D_{it}, thermodynamically stable Ga_2O_3-GaAs interfaces: fabrication, characterization, and modeling 22480
Passlack, M., Hong, M., Opila, R.L., Mannaerts, J.P., Kwo, J.R. GaAs surface passivation using in-situ oxide deposition 2385
Passlack, M. *see* Dutta, N.K. 33507
Passlack, M. *see* Hong, M. 54417
Passmann, C., Ermert, H. In vivo imaging of the skin in the 100 MHz region using the synthetic aperture concept 18371
Passmann, C., Ermert, H. Adaptive 150 MHz ultrasound imaging of the skin and the eye using an optimal combination of short pulse mode and pulse compression mode 18372
Passmore, K. *see* Chaney, R. 59362
Passos, N.L., Sha, E.H.-M.S., Liang-Fang Chao Multidimensional interleaving for synchronous circuit design optimization 53102
Passos, N.L. *see* Tongsima, S. 56571
Passoz, G.De *see* De Passoz, G.
Passuello, D. *see* Luiten, A.N. 48500
Passy, R. *see* Gisin, N. 13587
Passy, R. *see* Mussi, G. 3361
Pasternak, B. Processing imprecise and structural distorted line drawings by an adaptable drawing interpretation kernel 1035
Pastierovic, M. *see* Hosny, W. 19741
Pastor, D., Capmany, J., Ortega, D., Tatay, V., Marti, J. Design of apodized linearly chirped fiber gratings for dispersion compensation 3380
Pastor, D., Mut, F., Capmany, J., Marti, J. Interchannel power equalization and ASE noise reject in multistage EDFA amplified WDM systems employing fibre gratings 48023
Pastor, D., Ortega, B., Capmany, J., Cruz, J.L., Marti, J., Andres, M.V., Peral, E., Cole, M.J., Lamin, R.I. Fully automatic simultaneous fiber grating amplitude and group delay characterization 55228
Pastor, D. *see* Cruz, J.L. 45475
Pastor, D. *see* Marti, J. 36093
Pastor, D. *see* Ortega, B. 55195
Pastor, D. *see* Sales, S. 13602
Pastor, E. *see* Semenov, A. 53100
Pastore, C. *see* Zipp, J. 28937
Pastore, S., Premoli, A. Capturing all admissible linear regions for fast simulations of piecewise-linear dynamic circuits 1111
Pastore, S., Premoli, A. Finding all DC solutions of nonlinear resistive circuits by exploring both polyhedral and rectangular circuits 53002
Pastorelli, M. *see* Boglietti, A. 9318
Pastorelli, M. *see* Boglietti, A. 23288
Pastorelli, M. *see* Boglietti, A. 29738
Pastorelli, M. *see* Fratta, A. 9590
Pastorelli, M. *see* Vagati, A. 29269
Pastrana, J. *see* Torres, F. 11199
Pastushenkov, Yu.G., Dyogteva, O.B., Shipov, A.W., Skokov, K.P. Magnetostatic grain interaction and angular dependence of the nucleation field in Fe-Nd-B and $SmCo_5$ permanent magnets 3124
Pastushenkov, Yu.G., Grechishkin, R.M., Shipov, A.V., Ilyashenko, S.E. Thermal magnetization of permanent rare-earth magnets 55066
Pastushenkov, Yu.G., Lyakhova, M.B., Pushkar, Yu.E., Dormidontov, A.G., Yusov, D.E. The effect of HDD-treatment on magnetic properties of Nd-R-Fe-M-B powders 55021
Pasupathy, S. *see* Chen, Q. 16597
Pasupathy, S. *see* Javad Omidi, M. 4724
Pasupathy, S. *see* Javad Omidi, M. 35385
Pasupathy, S. *see* Masoomzadeh-Fard, A. 46532
Pasupathy, S. *see* Yu, X. 6451
Paszkiet, C.A. *see* LaBranche, M.H. 61294
Paszkiewicz, B., Tlaczala, M., Boratynski, B., Korbutowicz, R., Panek, M., Paszkiewicz, R., Patela, S., Radziewicz, D., Szreter, M., Zborowska-Lindert, I. MOCVD epitaxy for optoelectronic components and microwave circuits integration 3645
Paszkiewicz, R. *see* Paszkiewicz, B. 3645
Paszkowicz, W., Golacki, Z., Spolnik, Z., Zytkiewicz, Z., Firszt, F., Meczynska, H., Giriat, W. Rietveld refinement for selected pseudobinary semiconductors 41965
Paszkowicz, W. *see* Bak-Misiuk, J. 12215
Paszkowski, L. *see* Slusarek, B. 13468
Paszti, F. *see* Hajnal, Z. 12154
Pasztor, E. *see* Buus, H. 59896
Pat, E. *see* Tansel, I. 13184
Patane, F. *see* Presti, L.L. 27328
Patangia, H.C. A switched-capacitor N-path signal generator 53063
Pataricza, A. *see* Csertan, G. 53196
Pataricza, A. *see* Majzik, I. 1487
Patat, F. *see* Kouame, D. 56517
Patat, F. *see* Levassort, F. 54914
Patchett, C.M. *see* Bradford, P.M. 29028
Patchett, J.E. The use of advanced ceramics in abrasive applications 30970
Pate, M. *see* Lebourgeois, R. 23343
Pate, M. *see* Zachariou, A. 38988
Pate, M.A. *see* Cockburn, J.W. 31958
Pate, M.A. *see* Griffin, P.R. 3601
Pate, M.A. *see* Lidzey, D.G. 33297
Pate, M.A. *see* Maude, D.K. 12384
Pate, M.A. *see* Maude, D.K. 22346
Pate, M.A. *see* Plimmer, S.A. 2584
Pate, M.A. *see* Teissier, R. 2108
Pate, M.A. *see* Tribe, W.R. 41901
Pate, M.A. *see* Wilson, L.R. 42110
Pate-Cornell, E.M., Murphy, D.M. Human and management factors in probabilistic risk analysis: the SAM approach and observations from recent applications 121
Pate-Cornell, M.E. Uncertainties in risk analysis: six levels of treatment 39673
Patecki, A., Racinowski, B. Calculation of 3D transient processes with voltage excitation 44877
Patel, A. *see* Sanders, P. 6693
Patel, A.H., Singh, R. Ext-C band feed for small size deep reflector 4409
Patel, B., Schaffa, F., Willebeek-LeMair, M. The Helix switch: A single chip cell switch design 6418
Patel, B. *see* Carlson, G.R. 35228
Patel, B.L. *see* Saunders, R.A. 6853
Patel, B.L. *see* Saunders, R.A. 16833
Patel, B.L. *see* Saunders, R.A. 58387
Patel, C. *see* Mullins, M. 36485
Patel, D., Interholzinger, K., Thiagarajan, P., Robinson, G.Y., Menoni, C.S. Identification of the L-band in $In_xGa_{1-x}P/In_{0.5}Al_{0.5}P$ multiple quantum wells from high pressure measurement 22384
Patel, D., Menoni, C.S., Bernussi, A.A., Temkin, H. Nomonotonic behavior of the threshold current of compressively strained 1.3 μm InGaAsP lasers with hydrostatic pressure 23952
Patel, D., Menoni, C.S., Connors, P., Ochiai, M., Bernussi, A.A., Temkin, H. Enhancement and deterioration of the output characteristics of compressively strained InGaAsP lasers with hydrostatic pressure 23956
Patel, D. *see* Lewin, P.L. 43519
Patel, D. *see* Menoni, C.S. 22336

Patel, D.N., Core, D., Nguyen, H.N., Martin, G., Mooney, K., Neri, G., Cresswell, D. A computer integrated manufacturing system for excursion management 30164
Patel, D.P. *see* Rao, J.B.L. 34458
Patel, F.D. *see* Page, R.H. 44524
Patel, J. Meeting the challenge of economic high yield microdrilling [PCB manufacture] 1818
Patel, J. *see* Chase, G. 27796
Patel, J.H. *see* Dong Xiang 40971
Patel, J.H. *see* Graham, C.R. 53191
Patel, J.H. *see* Heragu, K. 11119
Patel, J.H. *see* Hsu, F.F. 1088
Patel, J.H. *see* Hsu, F.F. 11354
Patel, J.H. *see* Hungse Cha 11240
Patel, J.H. *see* Krishnaswamy, D. 53182
Patel, J.H. *see* Rudmocl, E.M. 53185
Patel, J.H. *see* Rudnick, E.M. 11340
Patel, J.H. *see* Rudnick, E.M. 41036
Patel, J.H. *see* Tzuhao Chen 23004
Patel, J.N., Jamieson, L.H., Khokhar, A.A. Scalability of 2-D wavelet transform algorithms: analytical and experimental results on coarse-grained parallel computers 35068
Patel, K. The Mars Global Surveyor spacecraft test laboratory 49867
Patel, K., Morris, J.M. Performance of an adaptive phase alignment system for optical heterodyne BPSK communications 36196
Patel, M. *see* Clifton, J.C. 58103
Patel, N.K., Linfield, E.H., Brown, K.M., Pepper, M., Ritchie, D.A., Jones, G.A.C. Magnetic field studies of Coulomb drag in a coupled double quantum well system 42117
Patel, N.K. *see* Drndic, M. 42179
Patel, N.R. *see* Bose, B.K. 39328
Patel, N.R. *see* Bose, B.K. 51779
Patel, N.S., Rauschenbach, K.A., Hall, K.L. 40-Gb/s demultiplexing using an ultrafast nonlinear interferometer (UNI) 16703
Patel, N.S. *see* Baras, J.S. 30146
Patel, N.V., Sethi, I.K. Compressed video processing for cut detection 5197
Patel, P. *see* Pelella, A.R. 1413
Patel, P.D. A dual polarised microstrip antenna with low cross-polarisation, for SAR applications 34443
Patel, P.D., Bailey, M.C. Analysis of mutual coupling in finite planar arrays of dielectric covered rectangular waveguides 34404
Patel, P.D. *see* Agarwal, M.K. 31897
Patel, P.S. *see* Basak, J. 46084
Patel, R., Seah, M., Blake, G.M., Jefferies, A.L., Crane, F.M., Fogelman, I. Concordance and precision of dual X-ray absorptiometry with a 10 s scan 7896
Patel, R. *see* Kennedy, A.R. 41232
Patel, R.S., Speidell, J.L., Cordes, S.A. A novel aluminum on quartz mask for excimer laser projection ablation 4165
Patel, S. *see* Donnelly, K.S. 11610
Patel, S. *see* Hodge, C. 39740
Patel, S.C. *see* Breen, T.B. 50890
Patel, S.R., Cronenwett, S.M., Huibers, A.G., Switkes, M., Folk, J.A., Marcus, C.M., Campman, K., Gossard, A.C. Universal fluctuations of Coulomb blockade peaks in quantum dots 42102
Patel, S.V., DiBattista, M., Gland, J.L., Schwank, J.W. Survivability of a silicon-based microelectronic gas-detector structure for high-temperature flow applications 48707
Patel, S.V., Martini, E.J. CFC-free surface preparation and polymer protection for printed circuit boards 53788
Patel, V.C., Kadirkamanathan, V., Kulikov, G.G., Arkov, V.Y., Breikin, T.V. Gas turbine engine condition monitoring using statistical and neural network methods 8275
Patel, V.K. *see* Loboda, M.J. 310
Patel, V.K. *see* Loboda, M.J. 52233
Patel, Y., Jalade, J., Sanchez, J.-L., Berriane, R., Laur, J.P., Austin, P. Characterization of a new high voltage integrated switch: MOS-gated optically triggered thyristor 21493
Patela, S. *see* Paszkiewicz, B. 3645
Patelzick, D.L., Hershberg, E.L., Hendricks, T.J. The thermal conductivity of some modern engineering materials used in high bandwidth I/O systems at cryogenic temperatures 41561
Patenaude, F., Lodge, J.H., Chouinard, J.-Y. Differential detection for direct-sequence spread-spectrum signals in multipath fading channels 47823
Patera, V. *see* Andryakov, A. 37226
Paterakis, M., Harpantidou, Z. On the random access of packet broadcast channels with Pareto distributed packet interarrival times 26547
Paterakis, M. *see* Cleary, A.C. 35519
Paterakis, M. *see* Cleary, A.C. 47624
Pateras, K. *see* Perris, A. 8025
Pateras, S. *see* Chandramouli, R. 7170
Pateras, S. *see* Koenemann, B. 32509
Patermarakis, G.S. *see* Karayianni, H.S. 10940
Paterni, M., Demi, M., Kozakova, M., Marraccini, P., Palombo, C. Contour tracking over image sequences 49441
Pateros, C.N., Saulnier, G.J. An adaptive correlator receiver for direct-sequence spread-spectrum communication 6483
Paterson, J., Natansohn, A., Rochon, P., Callender, C.L., Robitaille, L. Optically inscribed surface relief diffraction gratings on azobenzene-containing polymers for coupling light into slab waveguides 13633
Paterson, J.M. *see* Ruth, R.D. 49165
Paterson, K.C. *see* Hurlbert, G.H. 34554
Pateux, S., Labit, C. An efficient way of coding arbitrary geometric partition for region-based video sequence coding 56882
Path, D., Chandrasekaran, A. A novel approach to the design and implementation of a power electronics simulation software package 40875
Pathak, B. *see* Amersfoort, M.R. 44511
Pathak, B. *see* Zah, C.E. 55630
Pathak, G. *see* Pingale, S.S. 17870
Pathak, P.H. *see* Chou, H.-T. 56177
Pathak, P.H. *see* Chou, H.T. 34289
Pathak, P.H. *see* Munk, P. 34370
Pathak, P.H. *see* Rousseau, P.R. 34028
Pathak, R. *see* Collins, B.C. 33447
Pathak, R. *see* Tsuda, S. 33404
Pathak, R.N. *see* Cunningham, J.E. 33116
Pathak, R.N. *see* Hilber, W. 42105
Pathak, S.K., Singh, S.P., Jha, R.K. Electromagnetic energy deposition in co-axially layered biological media placed within a tape helix for microwave hyperthermia 8130
Pathe, D. *see* Richter, K. 14482
Pathria, A. *see* Hochbaum, D.S. 10317
Pati, B.B., Sahu, N.K., Patra, K.C. Life estimation of transformer oil under thermal stress 51074
Pati, S.P., Panda, A.K. Computer aided optimisation of ion implanted charge bump parameters for RF silicon SDR 53583
Pati, S.P. *see* Panda, A.K. 1704
Pati, S.P. *see* Panda, A.K. 2576
Pati, Y.C., Ghazanfarian, A.A., Pease, R.F. Exploiting structure in fast aerial image computation for integrated circuit patterns 32480
Paticchio, V. *see* Celano, L. 18094
Paticchio, V. *see* Colonna, N. 37521
Patil, A.A. *see* Rashid, H. 26932
Patil, M.G. *see* Patil, S.A. 2061
Patil, P., Chou, T.-L., Roy, K., Roy, R. Low-power driven logic synthesis using accurate power estimation technique 53224
Patil, P.B. *see* Chaudhari, A.S. 21864
Patil, P.B. *see* Chaudhari, A.S. 34163
Patil, P.B. *see* Karkare, M. 34164
Patil, P.E., Keller, J.M., Dubey, R.K., Datt, S.C. Thermal currents in polyblends of PMMA and PVC 54880
Patil, P.G. *see* Chalk, S.G. 20171
Patil, R.L. *see* Mutsaddi, M.M. 1678
Patil, R.N. *see* Patil, S.A. 2061
Patil, R.S. *see* Kakatkar, S.V. 13431
Patil, R.S. *see* Kakatkar, S.V. 23341
Patil, S.A., Patil, M.G., Mahajan, V.C., Ghatage, A.K., Lotke, S.D., Patil, R.N. Electrical conduction in Mn-substituted Ni-Cd ferrites 2061
Patil, S.A. *see* Bhise, B.V. 22266
Patil, S.F. *see* Pingale, S.S. 17870
Patil, S.T. Application of earth leakage circuit breakers 38430
Patin, Y. *see* Martinez, E. 49350
Patiri, V. *see* Bastida, E.M. 40931
Patkar, S., Batterywala, S.H., Chandramouli, M., Narayanan, H. A new partitioning strategy based on supermodular functions 52966
Patla, A.E. *see* Quevedo, A.A.F. 49753
Patnaik, B.R., Heppler, G.R., Wilson, W.J. Effectiveness coefficient measures for piezoelectric sensors 36515
Patnaik, K. *see* Rath, C. 55034
Patnaik, L.M. *see* Jayaram, R. 21559
Patnaik, L.M. *see* Raj, R.V. 52967
Patnaik, L.M. *see* Rajan, K. 57329
Patnaik, L.M. *see* Raman, S. 1892
Patnaik, S. *see* Krueger, C.W. 12245
Patney, R.K. *see* Gadre, V.M. 1579
Patorski, K., Olszak, A. Modified in-plane electronic speckle pattern shearing interferometry (ESPSI) 33753
Patra, A., Oden, J.T. Computational techniques for adaptive hp finite element methods 40258
Patra, K.C. *see* Pati, B.B. 51074
Patra, P., Fussell, D.S. Efficient delay-insensitive RSFQ circuits 1247
Patra, P., Polonsky, S., Fussell, D.S. Delay insensitive logic for RSFQ superconductor technology 53228
Patra, P.K. Neural network for invariant image classification 35176
Patra, S.K. *see* Panda, G. 35388
Patras, I., Alvertos, N., Tziritas, G. Joint disparity and motion field estimation in stereoscopic image sequences 5092
Patras, I., Hendriks, E.A., Tziritas, G. Construction of multiple views using jointly estimated motion and disparity fields 56862
Patriarche, G. Transmission electron microscopy studies of lattice-mismatched semiconductor heterostructures used for integrated optoelectronic devices 12367
Patriarche, G. *see* Ougazzaden, A. 21232
Patriarche, G. *see* Silvestre, L. 52645
Patrice, D. *see* Pierre, G. 5117
Patricelli, S. *see* Adam, A. 37280
Patricelli, S. *see* Aloisio, A. 37491
Patrick, C. Internet vs. Intranet 47019
Patrick, H.J., Kersey, A.D., Pedrazzani, J.R., Vengsarkar, A.M. Fiber Bragg grating sensor demodulation system using in-fiber long period grating filters 48574
Patrick, W. *see* Cheung, R. 22881
Patrick, W. *see* Cheung, R. 42521
Patrick, W. *see* Duran, H.C. 41437
Patrick, W. *see* Klepser, B.-U.H. 26737
Patrick, W. *see* Schefer, M. 21962
Patrignani, B. *see* Pomarico, J.A. 17794
Patrignani, C. *see* Paolucci, P. 37242
Patrikar, R.M. *see* Ramgopai Rao, V. 32089
Patrikarakos, D.G., Shukla, N., Pemble, M.E. Reflectance anisotropy as an in situ monitor for the growth of InP on (001) InP by pseudo-atmospheric pressure atomic layer epitaxy 40349
Patrikeev, V.E. *see* Abdulkadyrov, M.A. 58622
Patrizi, G.A., Lovejoy, M.L., Enquist, P.M., Schneider, R.P., Jr., Hou, H.Q. Multi-level interconnects for heterojunction bipolar transistor integrated circuit technologies 43249
Patrizi, G.A. *see* Lovejoy, M.L. 44301
Patrizii, L. *see* Cecchini, S. 7822
Patro, S., Kolarik, W.J. Neural networks and evolutionary computation for real-time quality control of complex processes 52301
Patro, Y.G.K. *see* Ahmad, M. 33112
Patro, Y.G.K. *see* Bhatnagar, A. 3436
Patro, Y.G.K. *see* Hangirgekar, S.G. 49945
Patro, Y.G.K. *see* Lad, M.G. 3850
Patro, Y.G.K. *see* Prasad, R.K. 1482
Patro, Y.G.K. *see* Punjwani, A.N. 6778
Patro, Y.G.K. *see* Ranade, S. 48123
Patro, Y.G.K. *see* Suresh Nair, K.R. 3458
Patrone, L. *see* Marine, W. 10900
Patrone, S.V.-M. *see* Kasales, C.J. 59455
Patrosso, M.C. *see* Montagna, P. 28313
Patrou, B. *see* Julia, S. 4530
Patrovics, L. *see* Schouhamer, K.A. 45571
Patruno, P. *see* Paillet, C. 42483
Patruno, P. *see* Paillet, C. 42569
Patruno, P. *see* Tardif, F. 42453
Patsch, R., Hoof, M. Pulse sequence analysis–what does it tell us about multiple discharge sites? 43513
Patsch, R., Jung, J., Motori, A., Montanari, G.C. Water treeing and molecular properties of the polymer 43532
Patsch, R. *see* Hoof, M. 2965
Patsch, R. *see* Hoof, M. 54956
Patsekin, A.V. *see* Abramov, A.S. 10908
Patsis, G., Raptis, I., Glezos, N., Argitis, P., Hatzakis, M., Aidinis, C.J., Gentili, M., Maggiora, R. Gel formation theory approach for the modelling of negative chemically amplified e-beam resists 42832
Patsis, G.P. *see* Glezos, N. 32283
Patsko, V.S., Turova, V.L. Minimum-time problem for linear second-order conflict-controlled systems 40000
Patt, B.E., Iwanczyk, J.S., Vilkelis, G., Wang, Y.J. New gamma-ray detector structures for electron only charge carrier collection utilizing high-Z compound semiconductors 37341
Patt, B.E., Iwanczyk, J.S., Wang, Y.J., Tornai, M.P., Levin, C.S., Hoffman, E.J. Mercuric iodide photodetector arrays for gamma-ray imaging 37344
Patt, B.E. *see* Iwanczyk, J.S. 37327
Patt, B.E. *see* Iwanczyk, J.S. 37343
Patt, F.S. *see* Gregg, W.W. 50173
Patt, R. *see* Yi-Hua Tang 36361
Patt-Shamir, B. *see* Awerbuch, B. 46710
Patt-Shamir, B. *see* Mansour, Y. 35398
Pattakhov, A.A. *see* Abdukadyrov, M.A. 7331
Pattanaik, A. *see* Quadakkers, W.J. 38957
Pattanaik, S. *see* Reiley, T.C. 3212
Pattantyus, A. *see* Surette, E. 39949
Pattavina, A. *see* Catania, C. 5785
Pattavina, A. *see* Giacomazzi, P. 5799
Patten, E.A. *see* Rajavel, R.D. 27578
Patten, F.W., Wolf, S.A. Overview of the DARPA non-volatile magnetic memory program 3256
Patten, F.W. *see* Wolf, S.A. 23399
Patteri, P. *see* Castellano, M. 37018
Patterson, A. On the right track–the IEEE 1076.1 standard VHDL language [comparison of JADE and OPAL versions for analogue simulation] 21430
Patterson, A. Computer aided analysis of noise effects in GSM 26519
Patterson, A.D. *see* Baree, A.H. 53668
Patterson, A.R.G. Modelling amd simulation of a power factor correction circuit based on the Unitrode UC3854 integrated circuit 51364
Patterson, B. *see* Gottert, J. 23565
Patterson, C. *see* O'Dwyer, J. 29858
Patterson, C.H. *see* Herrendorfer, D. 41825
Patterson, D., Anderson, T., Cardwell, N., Fromm, R., Keeton, K., Kozyrakis, C., Thomas, R., Yelick, K. A case for intelligent RAM 53275
Patterson, E.B. *see* Cirstea, M.N. 61201
Patterson, E.B. *see* Przybylski, J. 51371
Patterson, F.G. *see* De Groot, A.J. 55357
Patterson, F.G. *see* Hong, M.Y. 55716
Patterson, F.G. *see* Walker, J.D. 47981
Patterson, J., Van Zeghbroeck, B. Fabrication and analysis of Si/SiO_2 micro-mechanical modulators 44068
Patterson, J. *see* Cwik, T. 44864

Patterson, J.C., O'Reilly, M., Crean, G.M., Barrett, J. Selective electroless copper metallization on a titanium nitride barrier layer 42724
Patterson, J.S. *see* Nowlan, M.J. 39181
Patterson, M.S. *see* Durrett, R.A. 8666
Patterson, M.S. *see* Huabei Jiang 37656
Patterson, M.S. *see* Qun Chen 28411
Patterson, P.J.K. *see* Hughes, A.E. 2276
Patterson, R. *see* Cordova, A. 27624
Patterson, R. *see* Gerber, S.S. 18683
Patterson, R.A., Goldner, E.L., Rozelle, D.M., Dahlen, N.J., Caylor, T.L. IFOG technology for embedded GPS/INS applications 27615
Patterson, R.D. *see* Irino, T. 34774
Patterson, R.L. *see* Ray, B. 19865
Patterson, T.J., Fairchild, S. Broad area search for targets in SAR imagery with context adaptive algorithms 8653
Patterson, T.J., Haxton, R., Bullock, M.E., Ulinski, S.B. Quantitative comparison of multispectral image-sharpening algorithms 18791
Patterson, T.J. *see* Bullock, M.E. 18949
Patterson-Hine, A. *see* Shakeri, M. 36410
Pattey, E., Royds, W.G., Desjardins, R.L., Buckley, D.J., Rochette, P. Application software for a data acquisition and control system for measuring atmospheric trace gas and energy fluxes 8468
Patti, A. *see* Persiano, G.V. 40888
Patti, A.J., Sezan, M.I., Tekalp, A.M. Robust methods for high-quality stills from interlaced video in the presence of dominant motion 56684
Patti, J. *see* Amin, M.G. 4807
Patti, J.J., Husnay, R.M., Pintar, J. Advanced multipath processor 58215
Pattipati, K. *see* Yeddanapudi, M. 28586
Pattipati, K.R. *see* Elias, E.D. 45793
Pattipati, K.R. *see* Popp, R.L. 38027
Pattipati, K.R. *see* Sen, S. 48357
Pattipati, K.R. *see* Shakeri, M. 36410
Pattipati Krishna *see* Krishna Pattipati
Pattison, D.A., Kean, P.N., Gray, J.W.D., Bennion, I., Doran, N.J. Dual-wavelength mode-locked erbium fibre laser with low inter-pulse-stream timing jitter 14011
Pattison, R.L. *see* Andrews, J.D. 52103
Pattnaik, P.C. *see* Zhou, C. 31646
Pattnaik, S.S., Devi, S., Babu Anto, P. Computer-aided microstrip filter for space applications 1690
Pattnaik, S.S., Devi, S., Satheesan, P.A., Das, A.L., Sinha, B.K. Broadband active microstrip antenna for lower UHF applications 34215
Patton, A. *see* Seidel, S.C. 37387
Patton, C.E. *see* Kalinikos, B.A. 43652
Patton, D. *see* Davies, T.S. 11823
Patton, R. *see* Wellfare, M. 8675
Patton, R.J. *see* Bennett, S.M. 51795
Patton, R.J. *see* Bennett, S.M. 61264
Patton, R.J. *see* Daltan, T. 50753
Patton, S.T., Bhushan, B. Micromechanical and tribological characterization of alternate pole tip materials for magnetic recording heads 55054
Pattyn, H. *see* Deweerd, W. 31751
Pattyn, H. *see* Jin, S. 40398
Pattyn, H. *see* Milants, K. 42370
Pattyn, H. *see* Vantomme, A. 30744
Pattyn, H. *see* Wu, M.F. 2315
Pattyn, H. *see* Wu, M.F. 42693
Patyra, M.J., Grantner, J.L., Koster, K. Digital fuzzy logic controller: design and implementation 1489
Patz, M.D. *see* Steinway, W.J. 58503
Patz, S. *see* Gudbjartsson, H. 7964
Patzak, A. *see* Mrowka, R. 37782
Patzak, E. Photonic signal processing in fiber optic links 26889
Patzak, E. *see* Diez, S. 33516
Patzak, E. *see* Horer, J. 44523
Patzak, E. *see* Weich, K. 24132
Patzel, R. *see* Kleinschmidt, J. 2473
Patzelt, S. *see* Lehmann, P. 59012
Patzold, M. *see* Wohlmuth, R. 56051
Pau, B.S. *see* Cao, H. 42226
Pau, C.Y. *see* Cheng, A.Y.S. 17517
Pau Ning *see* Ning Pau
Pau-Choo Chung *see* Ching-Wen Yang 15972
Pau-Choo Chung *see* Ching-Wen Yang 28484
Pau-Choo Chung *see* Chun-Shien Lu 56779
Pau-Lo Hsu *see* Daw-Shang Hwang 39866
Pau-Lo Hsu *see* Shao-Kung Chang 38756
Paubert, G. *see* Pardo, J.R. 38066
Paufler, J. *see* Kuck, H. 13164
Paul, A. *see* Moro, L. 42031
Paul, A. *see* Rottger, S. 27381
Paul, A.E. *see* Bolger, J.A. 2218
Paul, A.J. *see* Schenck, P.K. 10819
Paul, A.K., Rangelow, I.W. Fabrication of high aspect ratio structures using chlorine gas chopping technique 42498
Paul, A.K. *see* Leung, Y.K. 22819
Paul, A.K. *see* Ying-Keung Leung 12990
Paul, B. *see* Creech, G.L. 1073
Paul, B.C. *see* De, P. 21926
Paul, B.K., Klimkiewicz, M. Application of an environmental scanning electron microscope to micromechanical fabrication 13193
Paul, C. *see* Sartor, M. 347
Paul, C. *see* Schoess, J.N. 18597
Paul, C.R. *see* Orlandi, A. 45269
Paul, C.R. *see* Roden, J.A. 47513
Paul, D., Steenaart, W. Filterbank implementation of a window based Gabor transform 15173
Paul, D. *see* Pradhan, D.K. 11343
Paul, D.J., Ryan, J.M., Pepper, M., Broers, A.N., Whall, T.E., Fernandez, J.M., Joyce, B.A. Electron beam induced damage of silicon germanium 22293
Paul, D.J., Ryan, J.M., Pepper, M., Broers, A.N., Whall, T.E., Fernandez, J.M., Joyce, B.A. Electron beam induced damage of silicon germanium 43110
Paul, D.J. *see* Griffin, N. 42087
Paul, D.J. *see* Ryan, J.M. 42053
Paul, D.K., Razdan, R., Goldman, A.M. True time-delay photonic beamforming with fine steerability and frequency-agility for space-borne phased-arrays–a proof-of-concept demonstration 47956
Paul, D.K., Razdan, R., Markey, B.J. Optical beam forming and steering architectures for satcom phased-array antennas 34440
Paul, D.K. *see* Begley, D.L. 6781
Paul, D.K. *see* Gardner, P. 53056
Paul, D.W. *see* Chagnard, C. 7288
Paul, J.C. *see* Deville, P. 51825
Paul, J.D., Williams, H.E., III Filament heater current modulation for increased filament lifetime 51838
Paul, K.C., Sakuta, T., Takashima, T., Ishikawa, M. The dynamic behaviour of wall-stabilized SF_6 arcs contaminated by Cu and PTFE vapours 43470
Paul, K.M. DAB: an Indian perspective 17028
Paul, L.M. *see* Fiorino, M.E. 51284
Paul, M. *see* Harss, B. 49275
Paul, O. *see* Baltes, H. 23068
Paul, O. *see* Baltes, H. 43407
Paul, O. *see* Von Arx, M. 54805
Paul, O. *see* Westberg, D. 23034
Paul, P. *see* Rao, C.V.S. 36575
Paul, R. *see* Dadi, S. 54868
Paul, R. *see* Kaler, K.V.I.S. 18205
Paul, R.K., Uddin, M.B. Estimation of reliability of stress-strength model with non-identical component strengths 52339
Paul, S., Halle, O., Einsiedel, H., Menges, B., Muellen, K., Knoll, W., Mittler-Neher, S. An anthracene-containing PMMA derivative for photoresist and channel waveguide applications 32343
Paul, S., Sabnani, K.K., Lin, J.C.-H., Bhattacharyya, S. Reliable multicast transport protocol (RMTP) 57789
Paul, S. *see* Beck, M. 37265
Paul, S. *see* Dhar, S. 41906
Paul, S. *see* Low, S.H. 26014
Paul, S.A., Lee, H.-S. A 9-b charge-to-digital converter for integrated image sensors 17540
Paul, S.R. *see* Spencer, C.D. 36449
Paul, W. *see* Cheong, H.M. 42213
Paul Cheng-Hsin Liu *see* Trivedi, A. 41647
Paul Ramesh, P., Uthanna, S., Srinivasulu Naidu, B., Jayarama Reddy, P. Characteristics of Ni/n-$AgInSe_2$ polycrystalline thin film Schottky barrier diodes 54143
Paula, A.M.De *see* De Paula, A.M.
Paula, D.J., Griffin, N., Arnone, D.D., Pepper, M., Emeleus, C.J., Phillips, P.J., Whall, T.E. Low temperature characterization of modulation doped SiGe grown on bonded silicon-on-insulator 2139
Paula Lima, L.A.de, Jr. *see* de Paula Lima, L.A., Jr.
Paulavichius, A. *see* Vengalis, B. 41385
Pauleau, Y. *see* Robic, J.Y. 3568
Pauleau, Y. *see* Robic, J.Y. 40540
Pauletti, R. *see* Fabris, F. 24719
Pauletto, G. *see* Lehman, P.A. 60605
Pauli, M., Kuchenbecker, H.-P. Minimization of the intermodulation distortion of a nonlinearly amplified OFDM signal 47083
Pauli, M. *see* Reindl, T. 10914
Pauli, V.K. Appraising the operating reliability of power equipment 38602
Pauli, V.K. *see* Man'kina, N.N. 19541
Pauliat, G. *see* Frauel, Y. 23618
Paulin, P.G., Liem, C., Cornero, M., Nacabal, F., Goossens, G. Embedded software in real-time signal processing systems: application and architecture trends 46870
Paulin-Mohring, C. Circuits as streams in Coq: verification of a sequential multiplier 1273
Paulish, A.G. *see* Alperovich, V.L. 2243
Paulish, A.G. *see* Drescher, P. 12069
Paulke, J. *see* Lindmayer, M. 19904
Paulmier, D., El Mansori, M., Zaidi, H. Study of magnetized or electrical sliding contact of a steel XC48/graphite couple 53725
Paulos, J.J. *see* Montalvo, A.J. 41369
Paulos, J.J. *see* Montalvo, A.J. 41380
Paulos, R.J. *see* Tumer, T.O. 59361
Paulraj, A. *see* Boon Chong Ng 46530
Paulraj, A. *see* Diggavi, S.N. 4802
Paulraj, A. *see* Gerlach, D. 4407
Paulraj, A. *see* Halder, B. 16612
Paulraj, A. *see* Moorti, T. 6664
Paulraj, A. *see* Naguib, A.F. 16591
Paulraj, A. *see* Papadias, C.B. 5707
Paulraj, A. *see* Talwar, S. 47595
Paulraj, A. *see* van der Veen, A.-J. 25001
Paulraj, A. *see* van der Veen, A.L. 16582
Paulraj, A. *see* Vanderveen, M.C. 26608
Paulraj, A.J. *see* Reddy, V.U. 57555
Paulraj, A.J. *see* van der Veen, A.-J. 56537
Pauls, D. Residues in printed wiring boards and assemblies 22053
Pauls, T.A. *see* Hartmann, G.K. 8419
Paulsen, J. *see* Cooke, R. 39685
Paulsen, K.D., Moskowitzi, M.J., Ryan, T.P., Mitchell, S.E., Hoopes, P.J. Initial in vivo experience with EIT as a thermal estimator during hyperthermia 8093
Paulsen, K.D. *see* Huabei Jiang 37656
Paulsen, O. *see* Libing Yang 60521
Paulsen, T. *see* Schmidiger, R.P. 19159
Paulson, C.C. *see* Berwald, D.H. 49106
Paulson, C.C. *see* Todd, A.M.M. 7715
Paulson, E.K., Kliewer, M.A., Frederick, M.G., Keogan, M.T., Delong, D.M., Nelson, R.C. Hepatic artery: variability in measurement of resistive index and systolic acceleration time in healthy volunteers 37644
Paulson, G.A. Future air navigation systems–the authority view 60004
Paulson, L.D. This is not your father's multimedia 58006
Paulson, P. *see* Krebsbach, S. 57817
Paulson, R. Fine-tuning post-production services [Video communication over telecommunication facilities] 27149
Paulter, N.G. Selecting a short-pulse laser system for photoconductive generation of high-speed electrical pulses 13855
Paulter, N.G. A fast and accurate method for measuring the dielectric constant of printed wiring board materials 22017
Paulus, D. *see* Bess, R. 57452
Paulus, D. *see* Denzler, J. 56785
Paulus, D. *see* Niemann, H. 15913
Paulus, J., Schnitaler, J. Wideband speech coding for the GSM Fullrate channel? 34682
Paulus, J.W., Schnitzler, J. 16 kbit/s wideband speech coding based on unequal subbands 14910
Paulus, T.J. *see* Lavietes, A.D. 37345
Paulusse, D.C. *see* Clark, R.F. 27354
Paulussen, R.M., van Wesenbeeck, M.P.N., Klaassens, J.B. Monophase super resonant power converter with pulse amplitude modulation 51237
Pauluzzi, M. The large silicon tracker for the AMS experiment on the International Space Station Alpha (ISSA) 37376
Paulzen, G.M. *see* de Graaf, C. 41160
Paumard, J. *see* Azencott, R. 5665
Paumard, J. *see* Azencott, R. 57441
Paunescu, A. *see* Popescu, C. 50745
Pauther, S. *see* Lipp, S. 21350
Pautrat, J.L., Hadji, E., Bleuse, J., Magnea, N. Mercury cadmium telluride-based resonant cavity light emitting diode 3623
Pautrat, J.L. *see* Mula, G. 13706
Pautrat, J.L. *see* Mula, G. 31999
Pautz, J.F., Abend, K. Automated magnetic particle testing 30998
Pauwels, E.J., Fiddelaers, P., Van Gool, L.J. Autonomous grouping of contour-segments using an adaptive region-growing algorithm 5419
Pauwels, H. *see* De Meyere, A. 32766
Pauwels, H. *see* Fornier, J. 48765
Pauwels, H. *see* Fornier, J. 48773
Pauwels, H. *see* Maximus, B. 33157
Pauws, S., Kamp, Y., Willems, L. A hierarchical method of automatic speech segmentation for synthesis applications 4606
Pauza, A.J., Booij, W.E., Moore, D.F., Yuan, Y. Electron beam damaged Josephson junctions: the relation between beam damage profile and electrical properties 43829
Pauza, A.J. *see* Herrmann, K. 43819
Pavaloiu, I. Approximation of the roots of equations by Aitken-Steffensen-type monotonic sequences 30552
Pavan, A., Peng-Jun Wan, Sheau-Ru Tong, Du, D.H.C. A new multihop lightwave network based on the generalized De-Bruijn graph 58281
Pavan, A. *see* Wan, P.-J. 58279
Pavan, M. *see* Alessandrello, A. 7819
Pavan, M. *see* Alessandrello, A. 37480
Pavan, M. *see* Alessandrello, A. 48812
Pavan, M. *see* Alessandrello, A. 59340
Pavan, P. *see* Canali, C. 2593
Pavanello, M.A., Martino, J.A., Colinge, J.-P. Substrate influences on fully depleted enhancement mode SOI MOSFETs at room temperature and at 77 K 22829
Pavasars, I.K. *see* Chisholm, W.A. 8927
Pavasovic, A. *see* Popovic, J. 11218
Pavasovic, A. *see* Reljin, B. 41373
Pavel, M., Sharma, R.K. Fusion of radar images rectification without the flat Earth assumption 16854
Pavel, T.J. *see* Abe, K. 37234
Pavelchek, E.K., DoCanto, M., Adams, T.G., Murnane, T.L. Optimization of optical density and planarization of an anti-reflectant 44183
Pavelescu, D., Trusca, V., Nitu, S., Dumitrescu, G., Maricaru, M., Zoita, V. Installation and equipment for the research of the electrical switching arc in advanced vacuum 29480
Pavelescu, D. *see* Zoita, V. 29481
Pavelescu, I. *see* Muller, R. 43405
Pavel'ev, D.G. *see* Grenzer, J. 53606
Pavel'ev, D.G. *see* Schomburg, E. 53616
Pavel'ev, D.P. *see* Winnerl, S. 42106
Pavelic, B. *see* Anic, I. 37856

Pavella, M. *see* Wehenkel, L. 60265
Pavella, M. *see* Yiwei Zhang 8726
Pavella, M. *see* Zhang, Y. 50319
Pavelyev, A.B. *see* Dumbrajs, O. 41800
Paver, N.C. *see* Furber, S.B. 53329
Pavese, F., Bergadano, E., Bianco, M., Ferri, D., Vanolo, M. Progress in fabrication of large magnetic shields by using extended YBCO thick films sprayed on stainless steel with the HVOF technique 55152
Pavese, F., Malyshev, V.M., Steur, P.P.M., Ferri, D., Giraudi, D. Routine calibration of cryogenic thermometers in the range 1.5-350 K with an accuracy up to the millikelvin level, and measurement of fixed points in sealed cells with a fully automated and self-contained modular apparatus 48298
Pavese, F. *see* Arri, E. 27428
Pavese, F. *see* Bedford, R.E. 17157
Pavese, F. *see* Ciarlini, P. *(editor)* 51963
Pavesi, L., Mazzoleni, C., Guardini, R., Cazzanelli, M., Pellegrini, V., Tredicucci, A. Porous-silicon microcavities 44208
Pavesi, L. *see* Galbiati, N. 12275
Pavesi, L. *see* Galbiati, N. 22518
Pavesi, M. *see* Meneghesso, G. 43152
Pavesic, N. *see* Torkar, D. 5655
Pavia, G. *see* Zaccherni, C. 42782
Pavier, M.A., Weaver, M.S., Lidzey, D., Richardson, T., Searle, T.M., Bradley, D.D.C., Huang, C.H., Li, H., Zhou, D. Electroluminescence from dysprosium- and neodymium-containing LB films 33244
Pavisic, D. *see* Draye, J.-P. 59599
Pavlasek, D. *see* Plant, D.V. 13894
Pavlath, G.A. Closed-loop fiber optic gyros 36590
Pavlenko, I.V. *see* Girka, V.O. 45175
Pavlenko, V.B. *see* Kondratiev, D.M. 3586
Pavlenko, V.K. *see* Belyi, V.N. 33613
Pavlenko, Yu.F. A system assuring the measurement uniformity of spectrum and form parameters of high frequency signals in the Ukraine 27261
Pavlenko, Yu.F., Ogar, V.I., Kolbasin, A.I., Shpanion, S.P. A mobile standard of frequency deviation unit in frequency modulation signals 27260
Pavlic, A. *see* Gergic, B. 61348
Pavlic, B. *see* Jager, F. 49688
Pavlidis, D. *see* Alekseev, E. 41438
Pavlidis, D. *see* Dehe, A. 7341
Pavlidis, D. *see* Kun Wang 54325
Pavlidis, D. *see* Park, Y. 10855
Pavlidis, D. *see* Samelis, A. 12891
Pavlidis, D. *see* Samelis, A. 54582
Pavlidis, D. *see* Youngwoo Kwon 11682
Pavlidis, T. Challenges in document recognition bottom up and top down processes 15556
Pavlidou, F.-N. *see* Dallas, P.I. 6641
Pavlidou, F.-N. *see* Dallas, P.I. 26594
Pavlidou, F.-N. *see* Dallas, P.I. 26639
Pavlidou, F.-N. *see* Gragopoulos, I. 25858
Pavlidou, F.-N. *see* Iossifides, A.C. 26541
Pavlidou, F.-N. *(editor)* IWMC '96, International Workshop on Mobile Communications 9832
Pavlin, S. Planning and financial support of development and infrastructure construction in air transport 18754
Pavlin, S. Legislation and practice in airport planning and design 28579
Pavlopoulos, S., Tzanakos, G. Design and performance evaluation of a high-resolution small animal positron tomograph 28163
Pavlou, G. *see* Bhatti, S.N. 5980
Pavlov, A.N. *see* Kayukov, S.V. 4162
Pavlov, A.P., Grigorieva, L.K., Chizhik, S.P., Stankov, V.Kh. Nickel-zinc batteries with long cycle life 29539
Pavlov, A.P. *see* Lees, J.E. 37535
Pavlov, A.V. Retarding connections in a two-layer bidirectional optical neural network on the basis of a van der Lugt correlator 25685
Pavlov, A.V. Variation of the structure of the phase relief of a two-layer optical neural network with a correlation matrix of the connections when the type of solution is reconstructed 44131
Pavlov, D. *see* Papazov, G. 29549
Pavlov, D.A., Khokhlov, A.F., Shungurov, D.V., Shengurov, V.G. Structure and electrical conductivity of polycrystalline silicon films grown by molecular-beam deposition accompanied by low-energy ion bombardment of the growth surface 54013
Pavlov, L.I. *see* Branzalov, P.P. 48633
Pavlov, M. *see* Bratin, P. 829
Pavlov, M. *see* Bratin, P. 1836
Pavlov, M. *see* Hillman, D. 22063
Pavlov, N.I. Detection and recognition of objects and measurement of their sizes on the monitor screen of an IR device 5443
Pavlov, S.G. *see* Strijbos, R.C. 44587
Pavlov, V.A. *see* Dubnishchev, Yu.N. 17780
Pavlov, V.M. *see* Aleksandrov, A.V. 49205
Pavlova, V.A., Teterin, V.V., Degtyarev, E.V., Rudyi, I.V. The iconic approach to solving the problem of correcting the sensitivity inhomogeneities of multielement photodetector devices in scanning thermal viewers 58828
Pavlovic, V., Dimitrijevic, B., Stojcev, M., Golubovic, L., Zivkovic, M., Stamenkovic, L. Realization of the ultrasonic liquid flowmeter based on the pulse-phase method 60124
Pavlovic, V. *see* Moulin, P. 57250
Pavlovic, V.I. *see* Sharma, R. 14947
Pavlovskii, V.V. *see* Volkov, A.F. 32930
Pavluk, G.P. *see* Shikhin, V.A. 19727
Pavlyshyn, A.Z. *see* Dutsyak, I.S. 54108
Pavlyuk, A.A. *see* Kaminskii, A.A. 44412
Pavlyuk, A.A. *see* Kaminskii, A.A. 4012
Pavlyuk, A.A. *see* Kaminskii, A.A. 44738
Pavlyuk, A.A. *see* Nishioka, H. 44652
Pavlyuk, E.I. *see* Mokrenko, P.V. 17604
Pavlyukov, V.A. *see* Sivokobylenko, V.F. 50987
Pavon, J. Towards integration of service and network management in TINA 5981
Pavon, S. *see* Quemada, J. 26337
Pawamana, S.R. *see* Venkataram, P. 46770
Pawar, M.R., Brown, W.D., Malshe, A.P., Naseem, H.A., Ang, S.S., Ulrich, R.K. Planarization of large area CVD-diamond films using polyimide 10884
Pawar, V. *see* Mukherjee, S. 53359
Pawate, B.I. *see* Yim, S. 15255
Pawelzik, K. *see* Kohlmorgen, J. 14774
Pawlaczyk-Luszczynska, M. An application of a three-element microphone measuring method for locating distant sources of infrasonic noise 59094
Pawlak, M. *see* Liao, S.X. 5434
Pawlewicz, W.T. *see* Kruschwitz, J.D.T. 55380
Pawley, C.J. *see* Lehecka, T. 23734
Pawlikowski, K. *see* Hartanto, F. 16171
Pawlikowski, R., Zagrodzinski, J.A. Dynamics of a two-dimensional Josephson junction 32919
Pawloski, C.D., Khammash, M.H., Vittal, V. An investigation into the placement of norm-bounded perturbations to analyze stability robustness of power systems 8778
Pawlova, K. *see* Fischer, F. 60491
Pawlow, I. *see* Kenmochi, N. 21225
Pawlowicz, R. *see* Schmidt, H. 50156
Pawlowska, M. *see* Nossarzewska-Orlowska, E. 1964
Pawlowski, E. *see* Kruger, U. 26742
Pawlowski, S. *see* Kazmierski, M. 51085
Pawluk, K., Kucharska, M. Vector and scalar models of a quasi-stationary electromagnetic field in boundary-integral approach 4293
Pawszak, T., Zagrobelny, T. Network synchronization of Polish Telecom 16167
Paxal, V. *see* Karam, G. 4781
Paxman, R.G. *see* Thelen, B.J. 15938
Paxton, A.H., Taylor, E.W. Model for laser heating of acousto-optic devices 44125
Paxton, A.H. *see* Sandoval, S.G. 3919
Paya, B. *see* Aymard, N. 44909
Payan, S. *see* Hawat, T. 38067
Paydar, N. *see* Akay, H.U. 30288
Paye, J. *see* Boscheron, A.C.L. 14379
Payet, J. *see* Tanaka, H. 17907
Payeur, A. *see* Thibeault, C. 40976
Payeur, G. *see* Masson, B. 50667
Payn, M. *see* Maggs, J. 20121
Payne, A. *see* Crone, B. 39155
Payne, A. *see* Toumazou, C. 43169
Payne, A. *see* Xing Song 43684
Payne, A.M. *see* Delahoy, A.E. 39075
Payne, B. Advanced multilayers utilizing redistribution layers and 25-100 micron via technology 11971
Payne, B. *see* Forcier, B. 11909
Payne, C.W., Reardon, E.J. High density interconnect: Production experience and a mathematical model 11900
Payne, D.A. *see* Schwartz, R.W. 40509
Payne, D.A. *see* Sengupta, S.S. 52844
Payne, D.N. *see* Barcelos, S. 13592
Payne, D.N. *see* Dong, L. 16718
Payne, D.N. *see* Dong, L. 23484
Payne, D.N. *see* Grudinin, A.B. 16751
Payne, D.N. *see* Liu, W.F. 43978
Payne, D.N. *see* Pruneri, V. 24134
Payne, D.N. *see* Schweizer, T. 44379
Payne, D.N. *see* Timofeev, F.N. 16767
Payne, D.N. *see* Vienne, G.G. 13567
Payne, F. *see* Burton, P.C.M. 20525
Payne, F.P. *see* Pandit, M.K. 44643
Payne, G.S. *see* Doyle, V.L. 59474
Payne, J.S. *see* Persaud, K.C. 36751
Payne, K. *see* Espada, L.I. 724
Payne, P.A. *see* Persaud, K.C. 27746
Payne, R. Self-timed FPGA systems 11270
Payne, R. *see* Campbell, R.J. 16823
Payne, R.L. *see* Cabral-Cardoso, C. 111
Payne, S. *see* Solarz, R. 55954
Payne, S.A. *see* Bayramian, A.J. 3765
Payne, S.A. *see* Marshall, C.D. 14083
Payne, S.A. *see* Page, R.H. 44524
Payne, S.A. *see* Page, R.H. 55590
Payne, T. Apparent scintillation of sub-pixel targets imaged by focal plane arrays 19016
Paynter, R. *see* Sarkissian, A.H. 2309
Payot, E., Priteux, F., Troussett, Y., Guillemaud, R. 3D reconstruction from incomplete Fourier spectra: an extrapolation approach 28086
Payson, H.C. *see* Copie, T.B. 38177
Payson, P. *see* Zmuda, H. 25629
Payton, S.L. *see* Leavitt, B.C. 8397
Paz Alva, C.De La *see* De La Paz Alva, C.
Paz de Araujo, C.A. *see* Solayappan, N. 52826
Pazaitis, D.I., Constantinides, A.G. An intelligent LMS+F algorithm 4677
Pazaitis, D.I., Constantinides, A.G. A kurtosis-driven variable step-size LMS algorithm 15413
Pazan, S.E. Intercomparison of drogued and undrogued drift buoys 50136
Pazmany, A.L. *see* Mead, J.B. 8437
Pazol, B. *see* Bowen, L. 43593
Pazol, B. *see* Gentilman, R. 17289
Pazol, B.G., Bowen, L.J., Gentilman, R.L., Pham, H.T., Serwatka, W.J., Oakley, C.G., Dietz, D.R. Ultrafine scale piezoelectric composite materials for high frequency ultrasonic imaging arrays 18368
Pazos, A., Dorado, J., Santos, A. Detection of patterns in radiographs using ANN designed and trained with GA 59808
Pazos, A. *see* Gomez, F. 37446
Pchelkin, M.V. *see* Dyakov, V.A. 33609
Pchelnikov, Y.N., Yelizarov, A.A. Nondestructive testing of semiconductors and thin coatings 43205
Pchel'nikov, Yu.N. *see* Annenkov, V.V. 7284
Pchelyakov, O.P. *see* Markov, V.A. 10682
Pchelyakov, O.P. *see* Nikiforov, A.I. 21297
Pe, T. *see* Clem, J.R. 13494
Peabody, M.L. *see* Harriott, L.R. 22700
Peabody, M.L. *see* Harriott, L.R. 42874
Peace, W.L. C-band transmitter module delivers 55-W output 58114
Peach, D. *see* Adam, A. 37280
Peach, L.A. Optical filters select appropriate wavelengths 44166
Peachey, T.C. *see* Hinterding, R. 10388
Peacock, C., Bolouri, H., Habiger, C. Multichip module yield enhancement using passive substrate fault tolerance 22106
Peacock, H.B., Jr., Iyer, N.C., Louthan, M.R., Jr. Materials considerations in accelerator targets 7763
Peacock, M. *see* Rathke, J. 49103
Peacock, M.A. *see* Berwald, D.H. 49106
Peacock, M.A. *see* Todd, A.M.M. 7715
Peacock, M.S. *see* Davies, W.S. 47406
Peake, A. *see* Wen-Tang Chen 277
Peale, D. *see* Partovi, A. 3354
Peale, R.E. *see* Park, K. 3894
Peale, R.E. *see* Weidner, H. 13821
Peana, S., Danial, A. Inspection methods for conductive adhesive interconnects 17655
Pearce, C.E.M. *see* Coyle, A.J. 6206
Pearce, C.W. *see* Chung, B.C. 42540
Pearce, D.A.J., Burr, A.G., Tozer, T.C. Comparison of counter-measures against slow Rayleigh fading for TDMA systems 35902
Pearce, G.F. *see* Allison, W.W.M. 37269
Pearce, J.A. Promoting active learning: the role of the faculty as agent provocateur 20530
Pearce, J.A., Thomsen, S. Numerical models of RF ablation in myocardium 59755
Pearce, J.M., Al Zahawi, B.A.T., Auckland, D.W., Starr, F. Electricity generation in the home: evaluation of single-house domestic combined heat and power 9085
Pearce, M.H. *see* Montanaro, J. 1446
Pearce, P. *see* Shintake, T. 37131
Pearce, R., Papanastassiou, M. R&D networks and innovation: decentralised product development in multinational enterprises 123
Pearce, S.E. *see* Lees, J.E. 37535
Pearlman, W.A. *see* Said, A. 56618
Pearlmutter, B.A., Parra, L.C. A context-sensitive generalization of ICA 24874
Pears, N.E. An intelligent active range sensor for vehicle guidance: system overview 36675
Pears, N.E., Probert, P.J. An intelligent active range sensor for mobile robot guidance 7248
Pearsall, N.M., Wilshaw, A.R. Performance analysis of the Northumberland building photovoltaic facade 38656
Pearsall, N.M. *see* Hynes, K.M. 50831
Pearsall, N.M. *see* Wilshaw, A.R. 60599
Pearsall, T.P. *see* Colace, L. 2164
Pearsall, T.P. *see* Kidder, J.N., Jr. 21279
Pearsall, T.P. *see* Zhongze Wang 42350
Pearson, A. *see* Pacitti, B. 9958
Pearson, A.J. *see* Pomfrett, C.J.D. 49645
Pearson, A.W. *see* Robertson, H. 125
Pearson, C. *see* Miller, R.H. 49048
Pearson, C. *see* Ruth, R.D. 49165
Pearson, C. *see* Seidel, M. 49050
Pearson, C. *see* Wang, J.W. 49051
Pearson, D.H. *see* Tonucci, R.J. 32327
Pearson, D.L. *see* Schumm, J.S. 53820
Pearson, D.W., Steele, N.C., Albrecht, R.F. *(editors)* Artificial Neural Nets and Genetic Algorithms. Proceedings of the International Conference 29944
Pearson, J. *see* Lin, Q. 15117
Pearson, J. *see* Thompson, T.R. 61386
Pearson, J.E. *see* Rigby, G.P. 27707
Pearson, J.F. *see* Lees, J.E. 37450
Pearson, J.F. *see* Lees, J.E. 37535
Pearson, J.J. *see* Bendett, A.A. 57374
Pearson, J.M. *see* Lloyd, N.G. 10503
Pearson, J.S. *see* Hamilton, D.J. 38924
Pearson, L.W. *see* Shenouda, B. 34282
Pearson, R.A., Lloyd, T.B., Azimi, H.R., Hsiung, J.-C., Early, M.S., Brandenburger, P.D. Adhesion issued in epoxy-based chip attach adhesives 39782
Pearson, R.A., Lloyd, T.B., Bagheri, R. Adhesion issues at epoxy underfill/solder mask interfaces 20899
Pearson, R.A. *see* Azimi, H.R. 249
Pearson, S. *see* Godin, R. 41677
Pearson, S.D. *see* Benson, J.D. 21287

Pearson, T. A digital designer's guide to phase-locked loop clock drivers 31354
Pearton, S.J. High ion density dry etching of compound semiconductors 12715
Pearton, S.J., Abernathy, C.R. Carbon implantation in $Al_xGa_{1-x}As$ 12695
Pearton, S.J., Abernathy, C.R., Lee, J.W., Vartuli, C.B., MacKenzie, J.D., Ren, F., Wilson, R.G., Zavada, J.M., Shul, R.J., Zolper, J.C. Properties of H, O and C in GaN 22262
Pearton, S.J., Shul, R.J., McLane, G.F., Constantine, C. Dry etching of III-V nitrides 12780
Pearton, S.J., Shul, R.J., McLane, G.F., Constantine, C. Reactive ion etching of III-V nitrides 32221
Pearton, S.J., Vartuli, C.B., Lee, J.W., Donovan, S.M., MacKenzie, J.D., Abernathy, C.R., Shul, R.J., McLane, G.F., Ren, F. Plasma chemistries for dry etching GaN, AlN, InGaN and InAlN 22591
Pearton, S.J. *see* Abernathy, C.R. 12672
Pearton, S.J. *see* Constantine, C. 22593
Pearton, S.J. *see* Durbha, A. 12536
Pearton, S.J. *see* Durbha, A. 54258
Pearton, S.J. *see* Gillis, H.P. 12757
Pearton, S.J. *see* Hong, J. 2415
Pearton, S.J. *see* Hong, J. 12738
Pearton, S.J. *see* Hong, J. 12762
Pearton, S.J. *see* Hong, J. 22590
Pearton, S.J. *see* Hong, J. 32187
Pearton, S.J. *see* Lee, J.W. 22587
Pearton, S.J. *see* Lee, J.W. 22592
Pearton, S.J. *see* Lee, J.W. 23942
Pearton, S.J. *see* Lee, J.W. 54437
Pearton, S.J. *see* Lee, J.W. 54459
Pearton, S.J. *see* Lee, K.N. 42519
Pearton, S.J. *see* Mileham, J.R. 42517
Pearton, S.J. *see* Ren, F. 2403
Pearton, S.J. *see* Ren, F. 22793
Pearton, S.J. *see* Ren, F. 22876
Pearton, S.J. *see* Ren, F. 54457
Pearton, S.J. *see* Shul, R.J. 2400
Pearton, S.J. *see* Shul, R.J. 12783
Pearton, S.J. *see* Shul, R.J. 22588
Pearton, S.J. *see* Tan, H.H. 12675
Pearton, S.J. *see* Vartuli, C.B. 2322
Pearton, S.J. *see* Vartuli, C.B. 12712
Pearton, S.J. *see* Vartuli, C.B. 12764
Pearton, S.J. *see* Vartuli, C.B. 22257
Pearton, S.J. *see* Vartuli, C.B. 22429
Pearton, S.J. *see* Vartuli, C.B. 22445
Pearton, S.J. *see* Vartuli, C.B. 42576
Pearton, S.J. *see* Vartuli, C.B. 54244
Pearton, S.J. *see* Wu, X. 54088
Pearton, S.J. *see* Zavada, J.M. 33578
Pearton, S.J. *see* Zolper, J.C. 12674
Pearton, S.J. *see* Shul, R.J. *(editor)* 9839
Pease, D.J. *see* Lin, C.C. 56759
Pease, R.A. *see* Can, S. 21830
Pease, R.F., Bravman, J.C., Takken, T., Vinci, R., Beasley, M. Approaches to high density interconnect 32244
Pease, R.F. *see* Liu, W. 24363
Pease, R.F. *see* Pati, Y.C. 32480
Pease, R.F.W. *see* Beckman, J.C. 28013
Pease, R.F.W. *see* Fukuda, H. 23048
Pease, R.F.W. *see* Goodson, K.E. 33466
Pease, R.F.W. *see* Schneider, J.E. 22674
Pease, R.F.W. *see* White, R.L. 32848
Pease, R.F.W. *see* Xu Chen 22722
Pease, R.L., Combs, W.E., Johnston, A., Carriere, T., Poivey, C., Gach, A., McClure, S. A compendium of recent total dose data on bipolar linear microcircuits 43254
Pease, R.L., Gehlhausen, M. Elevated temperature irradiation of bipolar linear microcircuits 22959
Pease, R.L. *see* Allenspach, M. 8240
Pease, R.L. *see* Barnaby, H. 22957
Pease, R.L. *see* Schmidt, D.M. 22789
Pease, R.L. *see* Titus, J.L. 22868
Pease, R.L. *see* Witczak, S.C. 22792
Peat, A. *see* Johnson, A. 9029
Peat, H. *see* Csillag, F. 8415
Peatman, W.C.B. *see* Tsai, R. 13834
Peatman, W.C.B. *see* Ytterdal, T. 43123
Peatross, J. *see* Backus, S. 33663
Peatross, J. *see* Rundquist, A. 4030
Pebles, M.J. *see* Bala, J.L., Jr. 38347
Pecas Lopes, J.A. *see* Fidalgo, J.N. 19099
Peccolo, M.A., Marthouret, F., Masson, J.P., Fraisse, H. Frequency limits of a large signal dynamic model of magnetic circuits 24386
Peccoud, L. *see* Moreau, D. 31704
Pech, D. *see* Kuhmann, J.F. 3405
Pech, D. *see* Kuhmann, J.F. 10102
Pechacek, R.E. *see* Meger, R.A. 4274
Pechacek, R.E. *see* Myers, M.C. 48122
Pecharanin, N., Sone, M., Mitsui, H. An application of neural network to harmonics detection in active filter 53404
Pecharanin, N. *see* Wada, Y. 60179
Pechen, E.V. *see* Lankes, F. 32901
Pechenov, A.N. *see* Kozlovskii, V.I. 44479
Pechersky, E. *see* Bassalygo, L. 45492
Pechiar, J. *see* Simon, M. 26274
Pechinkin, A.V. A queue with Markov input flow of demands 400
Pechinkin, A.V. An $M_K/G/1$ system with an unreliable device 52407
Pecht, M., Lall, P. A life-cycle approach to design and manufacturing simulation of multichip modules 12043
Pecht, M. *see* Kelkar, N. 52174
Pecht, M. *see* McCluskey, P. 52201
Pecht, M. *see* McCluskey, P. 52265
Pecht, M. *see* Martens, R. 11804
Pecht, M. *see* Shukla, A. 52240
Pecht, M. *see* Shukla, A.A. 30270
Pecht, M. *see* Stadterman, T.J. 38151
Pecht, M.G. *see* Li, M.J. 31664
Pecht, M.G. *see* Prabhu, A.S. 30230
Pecina, J. *see* Sartor, M. 347
Pecina, P. On the determination of velocities of radar meteors 48202
Peck, D. *see* Dietz, R. 52267
Peck, D. *see* Dietz, R.L. 10160
Peck, D.H. *see* Hilpert, K. 20016
Peck, D.J. The third party trainer in rework/repair 53761
Peck, D.J., Windham, J.P., Emery, L.L., Soltanian-Zadeh, H., Hearshen, D.O., Mikkelsen, T. Cerebral tumor volume calculations using planimetric and eigenimage analysis 8029
Peck, D.J. *see* Soltanian-Zadeh, H. 18267
Peck, J., Mountziaris, T.J., Stoltz, S., Petrou, A., Mattocks, P.G. Metalorganic vapor phase epitaxy of $Zn_{1-x}Fe_xSe$ films 42047
Peck, W.F., Jr *see* Cava, R.J. 43422
Peckerar, M., Marrian, C., Perkins, F.K. Feature contrast in dose-equalization schemes used for electron-beam proximity control 22709
Peckerar, M.C. *see* Marrian, C.R.K. 22706
Peckham, D.W. *see* Chang, C.-C. 26799
Peckham, D.W. *see* Hansen, P.B. 26730
Peckham, P.H. *see* Scott, T.R.D. 18535
Pecora, L.M. *see* Carroll, T.L. 4786
Pecora, L.M. *see* Carroll, T.L. 24977
Pecz, B. *see* Cobianu, C. 40517
Pecz, B. *see* Hallin, C. 54261
Pecz, B. *see* Hultman, L. 696
Pecz, B. *see* Kovacs, B. 32237
Peczalski, A. *see* Bristow, J. 52207
Peczalski, A. *see* Weatherford, T.R. 43339
Peczs, B. *see* Wiget, R. 42349
Peddie, F. *see* Son, M. 27696
Pedersen, A., Crichton, G.C., McAllister, I.W. Influence of system geometry and bulk dielectric polarization upon PD transients 32635
Pedersen, A. *see* McAllister, I.W. 19350
Pedersen, F. *see* Ronnqvist, C. 59367
Pedersen, G.F., Andersen, J.B., Skjaeris, S. Integrated handset antenna with low absorption and handset antenna diversity 47831
Pedersen, H.C. Nonlinear parametric processes in photorefractive media 14329
Pedersen, H.C., Andersen, P.E., Petersen, P.M., Johansen, P.M. Theory of nonlinear multiple-grating interaction in diffusion-dominated photorefractive media 14438
Pedersen, H.M. *see* Rustad, R. 14419
Pedersen, J. Calibration System TS9099: automatic test equipment calibration to ISO 9000 7197
Pedersen, J. *see* Gale, M.T. 58847
Pedersen, J.E. *see* Hubner, J. 55262
Pedersen, J.E. *see* Ibsen, M. 16664
Pedersen, J.E. *see* Jouanno, J.-M. 3407
Pedersen, J.K. *see* Andersen, H.R. 61350
Pedersen, J.K. *see* Blaabjerg, F. 9380
Pedersen, J.K. *see* Blaabjerg, F. 9624
Pedersen, J.K. *see* Blaabjerg, F. 29406
Pedersen, J.K. *see* Blaabjerg, F. 29732
Pedersen, J.K. *see* Blaabjerg, F. 38832
Pedersen, J.K. *see* Blaabjerg, F. 38847
Pedersen, J.K. *see* Blaabjerg, F. 39281
Pedersen, J.K. *see* Blaabjerg, F. 43038
Pedersen, J.K. *see* Blaabjerg, F. 51687
Pedersen, J.K. *see* Blaabjerg, F. 60933
Pedersen, J.K. *see* Sandholdt, P. 9633
Pedersen, J.P., Polemi, D. A method for combining algebraic geometric Goppa codes 4506
Pedersen, J.R. *see* Pegrum, C.M. 49414
Pedersen, J.W. *see* Steenbergen, C.A.M. 16742
Pedersen, J.W. *see* Van der Tol, J.J.G.M. 23567
Pedersen, J.W. *see* Van Der Tol, J.J.G.M. 44026
Pedersen, J.W. *see* Vreeburg, C.G.M. 44024
Pedersen, K.I., Kolding, T.E., Seskar, I., Holtzman, J.M. Practical implementation of successive interference cancellation in DS/CDMA systems 46666
Pedersen, M., Olthuis, W., Bergveld, P. On the mechanical behaviour of thin perforated plates and their application in silicon condenser microphones 13162
Pedersen, M.R. *see* Gislason, F. 19720
Pedersen, P. *see* Hammer, V.B. 40678
Pedersen, P.C. *see* Jespersen, S.K. 28693
Pedersen, P.C. *see* Wilhjelm, J.E. 28196
Pedersen, P.C. *see* Wilhjelm, J.E. 37678
Pedersen, R.J.S., Jorgensen, B.F., Nissov, M., He Yongqi 10 Gbit/s repeaterless transmission over 250 km standard fibre 6750
Pedersen, R.J.S. *see* Jorgensen, B.F. 26729
Pedersen, T. *see* Cramer, R. 56278
Pedersen, T.P. Electronic payments of small amounts 57632
Pedersen, T.P., Pfitzmann, B. Fail-stop signatures 56268
Pedersen, T.S., Hansen, T., Hangstrup, M. Process-optimizing multivariable control of a boiler system 50757
Pedersini, F., Sarti, A., Tubaro, S. Combined motion and edge analysis for a layer-based representation of image sequences 57016
Pedersini, F., Sarti, A., Tubaro, S. 3D motion estimation of a trinocular system for a full-3D object reconstruction 57455
Pederson, L.R. *see* Hsieh, G. 48818
Pederson, L.R. *see* Hsieh, G. 48819
Pedevilla, M. *see* Clavario, P. 49391
Pednekar, S.P. *see* Bandyopadhyay, T. 61351
Pedraja, F.G. Wireless solutions for the access network in high density urban areas: technology analysis and experimental results 47416
Pedram, M., Xunwei Wu A new description of CMOS circuits at switch-level 43307
Pedram, M. *see* Cheng-Ta Hsieh 11125
Pedram, M. *see* Chih-Shun Ding 11124
Pedram, M. *see* Jui-Ming Chang 11045
Pedram, M. *see* Marculescu, D. 21608
Pedram, M. *see* Marculescu, R. 40832
Pedram, M. *see* Qing Wu 43324
Pedram, M. *see* Wu, Q. 41121
Pedrame, M. *see* Oh, J. 1075
Pedranti, E. Problems in the measurement of low resistances 36841
Pedraza, A.J., Cao, S., Lowndes, D.H., Allard, L.F. Laser encapsulation of metallic films in SiO_2 10140
Pedraza, A.J. *see* Lowndes, D.H. 10745
Pedraza, A.J. *see* Lowndes, D.H. 21317
Pedraza, A.J. *see* Rouleau, C.M. 10746
Pedrazzani, J.R. *see* Bergano, N.S. 26823
Pedrazzani, J.R. *see* Hansen, P.B. 6755
Pedrazzani, J.R. *see* Patrick, H.J. 48574
Pedrazzani, R. *see* Hansen, P.B. 26879
Pedreau, R. New challenges in Telco applications require more flexibility 16113
Pedrelli, M. *see* Callegati, F. 46572
Pedrini, C. *see* Auffray, E. 18084
Pedrini, C. *see* Auffray, E. 37281
Pedrini, G., Tiziani, H.J., Yunlu Zou Digital double pulse-TV-holography 4114
Pedrini, G., Zou, Y.-L., Tiziani, H.J. Simultaneous quantitative evaluation of in-plane and out-of-plane deformations by use of a multidirectional spatial carrier 33748
Pedro, J.C. *see* Carvalho, N.B. 1197
Pedroso, A. *see* de Lima, A.C.S. 9756
Pedrotti, K. *see* Wu, D.Y. 47941
Pedroviejo, J.J., Garrido, B., Morante, J.R., Dehan, E., Scheid, E. Structural studies of annealing effects on semi-insulating polycrystalline layers obtained by using disilane 12623
Pedroviejo, J.J. *see* Ferrer, J.C. 12317
Pedrow, P.D., Olsen, R.G. Corona streamer onset as an optimization criterion for design of high voltage hardware on transmission lines 8896
Pedrow, P.D. *see* Spencer, D.B. 32640
Pedrozzi, M. *see* Soumagne, G. 1933
Pedrozzi, M. *see* Tigelis, I.G. 45290
Pedrycz, W. *see* Bortolan, G. 45569
Pedrycz, W. *see* Yubazaki, N. 21712
Peebles, H.C. *see* Essien, M. 53859
Peebles, W.A. *see* Kim, K.W. 36381
Peek, H.L., Verbugt, D.W., Beenhakkers, M.J., Huinink, W.F., Kleimann, K.C. An FT-CCD imager with true 2.4×2.4 μm^2 pixels in double membrane poly-Si technology 48684
Peek, H.L. *see* Stoldt, H. 48230
Peel, D.J., Stanway, R., Bullough, W.A. A generalised presentation of valve and clutch data for an ER fluid, and practical performance prediction methodology 980
Peel, D.J., Stanway, R., Bullough, W.A. Engineering with ER fluids: a design methodology based upon generalised fluid data 10974
Peel, R. *see* Ashman, I. 21108
Peel, R.M.A. *see* Jeynes, C. 12153
Peelo, D.F. *see* Froehlich, K. 50631
Peelo, D.F. *see* Froehlich, K. 50645
Peeren, R. IN in the hybrid broadband network: the intelligent web 26324
Peerless, C.I. *see* Dyer, C.S. 28496
Peerless, C.L. *see* Dyer, C.S. 28555
Peet, B. *see* Sakurada, H. 57940
Peet, J.van der *see* van der Peet, J.
Peeters, E. Challenges in commercializing MEMS 54843
Peeters, F., Luypaert, R., Eisendrath, H., Osteaux, M. Interpretation of flow encoding and quantification in MRI: time domain versus frequency domain 18280
Peeters, F.M., Li, X.Q., Matulis, A. Devices consisting of hybrid systems: ferromagnetic and superconducting disks on top of a heterojunction 54567
Peeters, F.M. *see* Guo-Qiang Hai 2145
Peeters, H.A.P. *see* Linnenbank, A.C. 59724
Peeters, J., Ackaert, A., Vandam, L., Allaert, K., Botte, M., Van den Torren, L., Martens, L., De Zutter, D. Characterization of integrated resistors for broadband telecom printed circuit boards 6413
Peeters, J. *see* Allaert, K. 46871
Peeters, R. Orthogonal representations over finite fields and the chromatic number of graphs 30493
Peev, G. *see* Ivanov, B. 2359
Peffers, K., dos Santos, B.L. Performance effects of innovative IT applications over time 109
Pegard, C. *see* Lahmar, D. 9577
Pegard, C. *see* Vasseur, P. 46996
Pegard, C. *see* Vasseur, P. 47571

Pegel, I.V. *see* Gubanov, V.P. 54002
Pegels, C.C., Thirumurthy, M. An exploration of technology intensity measures 9960
Peggs, D.W. *see* Wilson, L.R. 42110
Peggs, S. Summary of the working group on beam dynamics 17946
Peggs, S., Dell, G.F. Skew chromaticity 17959
Pegler, D., Yeadon, N., Hutchison, D., Shepherd, D. Incorporating scalability into networked multimedia storage systems 47345
Pegrum, C.M., Walker, M.E., Lang, G., Shahani, U., Pedersen, J.R., Nakane, H. Integrated niobium DC SQUID gradiometers for non-destructive evaluation and biomagnetism 49414
Peha, J.M. The Electronic Issue Forum: a tool for distance learning 6064
Peha, J.M. *see* Salgado-Galicia, H. 47577
Pehamberger, H. *see* Ganster, H. 18203
Pehani, B., Bester, J. Optimisation of hierarchical levels in telecommunication networks 16157
Pehar, D., Delija, D. Communication network simulation on the UNIX system through use of the remote procedure calls 35750
Peherstorfer, F. *see* Marcellan, F. 509
Pehl, R.H., Hull, E.L., Madden, N.W., Xing Jingshu, Friesel, D.L. Gamma-ray escape peak characteristics of radiation-damaged reverse-electrode germanium coaxial detectors 18098
Pehl, R.H. *see* Hull, E.L. 59351
Pehnt, M. *see* Schulz, D.L. 30859
Pehnt, M. *see* Schulz, D.L. 52738
Pehrsson, P.E., Thoms, B.D. Surface oxidation chemistry of β-SiC 42586
Pehrsson, P.E. *see* Ramesham, R. 53707
Pei, A. *see* Chu, C.M. 37038
Pei, Q. *see* Yu, G. 44257
Pei, S.-C., Luo, T.-L. Split-radix generalized fast Fourier transform 4853
Pei, S.-C., Shyu, J.-J. Design of two-dimensional FIR digital filters with specified magnitude and group delay responses by analytical least-squares method 21804
Pei, S.-C. *see* Shyu, J.-J. 41332
Pei, S.-S. *see* Malin, J.I. 3891
Pei, S.S. *see* Chih-Hsiang Lin 44547
Pei, S.S. *see* Yang, R.Q. 44293
Pei Aihua *see* Zheng Zhaohui 6508
Pei Changxing, Liu Naian, Liu Yanming The optimum design and realization of a high-order filter 31358
Pei Changxing *see* Liu Naian 46880
Pei Kuo-Wei *see* Kuo-Wei Pei
Pei Li *see* Huang Yanping 17450
Pei Liu *see* Liu Pei
Pei Liuqing *see* Liuqing Pei
Pei Min, Zhang Zhaoqun, Ge Hongwei A circular-viewing color coding rainbow holography 44803
Pei Qibing, Yang Yang Solid-state polymer light-emitting electrochemical cells 13878
Pei Qibing *see* Qibing Pei
Pei Ren-Qing *see* Ren-Qing Pei
Pei Shubao *see* Wang Chuangshe 58902
Pei Shubao *see* Wang Zhao 27799
Pei Shubao *see* Wang Zhao 48791
Pei Soo-Chang *see* Soo-Chang Pei
Pei Wang *see* Qiaogen Zhang 13307
Pei Wen *see* Hsu Dahsiung 44794
Pei Wen *see* Yu Jianguo 44798
Pei Wenjiang, Yu Shenglin Chaotic behavior prediction: an improved codebook prediction algorithm 56500
Pei Yaling *see* Yaling Pei
Pei Yao *see* Yao Pei
Pei Yubo *see* Yubo Pei
Pei-Cheng Ku, Ching-Fuh Lin, Bor-Lin Lee Multiple cross switching in a two-mode semiconductor laser 23879
Pei-Cheng Ku *see* Ching-Fuh Lin 55657
Pei-Fu Gu *see* Jia-Yu Zhang 33283
Pei-Gen Li *see* Chang-Xue Feng 143
Pei-Hsin Ho *see* Yirng-An Chen 31331
Pei-Hwa Huang *see* Jiann-Liang Chen 26023
Pei-Jun Ding *see* Ke-Ming Wang 23532
Pei-Xian Ye *see* Ye Pei-Xian
Pei-Yih Ting *see* Chao-Hao Lee 5510
Peida Ye *see* Hong Wang 47895
Peidi Chen *see* Chen Peidi
Peifeng Chen *see* Chen Peifeng
Peifer, J.W. *see* Faber, T.L. 37738
Peifu Gu *see* Bin Wang 3520
Peifu Gu *see* Gu Peifu
Peigang Li, Jiaqin Zhang, Yuquan Hao Combination of loosely coupled and and compactly coupled integration of CAD tools and their applications in SAW devices design and fabrication 43602
Peigang Li *see* Li Peigang
Peigang Wang *see* Wang Peigang
Peigneux, J.P. *see* Alexeev, G. 59200
Peiguang Wang *see* Wang Peiguang
Peiheng Wu *see* Wu Peiheng
Peihong Liao *see* Liao Peihong
Peihong Zhang *see* Zhang Peihong
Peihsin Tsien *see* Tsien Peihsin
Peihua Ya *see* Jacobsson, H. 40399
Peihua Ye *see* Ye Peihua
Peihui Liang *see* Qiying Chen 33380
Peiida Ye *see* Ye Peiida
Peiji Wu *see* Wu Peiji
Peiji Zhao *see* Guozhong Wen 32011
Peijun Wu *see* Wu Peijun
Peik, E. *see* Abel, J. 7143
Peikang Huang *see* Guoying Chen 36223
Peikang Huang *see* Guoying Chen 48084
Peikang Huang *see* Xiaojian Xu 58422
Peikang Huang *see* Huang Peikang
Peikert, A. *see* Fronckowiak, D. 32497
Peiliang Xu, Grafarend, E. Statistics and geometry of the eigenspectra of three-dimensional second-rank symmetric random tensors 38033
Peilin Song, Jien-Chung Lo Testing the realistic bridging faults in CMOS circuits 21654
Peilin Song, Jien-Chung Lo Test sequence generation for realistic faults in CMOS ICs based on standard cell library 31169
Peiming Lei *see* Williamson, W., III 21637
Peiming Zhou *see* Zhou Peiming
Peimo, S. *see* Weiming, R. 36904
Peinado, A.M. *see* De La Torre, A. 24859
Peinan Jiao *see* Jiao Peinan
Peiner, E., Mo, S., Iber, H., Tang, G.-P., Schlachetzki, A. Characterization of thin buffer layers for strongly mismatched heteroepitaxy 2034
Peinke, J. *see* Richter, R. 22217
Peins, G.A. *see* Comizzoli, R.B. 58090
Peiponen, K.-E. *see* Vartiainen, E.M. 3981
Peiponen, K.-K. *see* Savolainen, M. 24288
Peippo, K., Lund, P.D., Tummavuori, J. Coupling the PV array with a standard uninterruptible power supply (UPS) system in commercial buildings 19621
Peiqin Li *see* Li Peiqin
Peiqing Wang *see* Jianping Lu 2486
Peiqing Wang *see* Wang Peiqing
Peiqiong Li *see* Li Peiqiong
Peir-Jyh Wang *see* Hon-Fai Yau 14357
Peir-Jyh Wang *see* Hon-Fai Yau 24205
Peirce, R.J., Shah, J. Potential ESD hazards when using adhesive tapes 31631
Peire, J. *see* Castro, M. 9915
Peire, J. *see* Castro, M.A. 50860
Peiro, D., Bertomeu, J., Arrando, F., Andreu, J. Stress measurements in polycrystalline silicon films grown by hot-wire chemical vapor deposition 48930
Peiro, F. *see* Ferrer, J.C. 728
Peiro, F. *see* Ferrer, J.C. 10752
Peisach, M. *see* Tsirlina, T. 30767
Peisl, J. *see* Klemradt, U. 12283
Peitgen, H.-O. *see* Allouche, J.-P. 52460
Peitgen, H.-O. *see* Evertsz, C.J.G. 49449
Peiwang Zhu *see* Zhu Peiwang
Peiwei Huang *see* Huang Peiwei
Peix, G. *see* Kaftandjian, V. 990
Peixeiro, C., Dufrane, P., Guillerme, Y. Microstrip patch antennas for a mobile communications system at 60 GHz 35936
Peixian Ye *see* Jinhai Si 3993
Peixiang Lu, Yuelin Li, Fill, E.E. Angular energy distribution and temporal evolution of pulses emitted from low-Z neonlike J=0-1 X-ray lasers 33383
Peixiang Lu *see* Li, Y. 33354
Peixiang Lu *see* Yuelin Li 13964
Peixin Tsien *see* Tsien Peixin
Peixing Sun *see* Douligeris, C. 50219
Peixoto, C.A.O. *see* Lindroth, A. 8856
Peixoto, C.A.O. *see* Lindroth, A. 8857
Peixoto, P. *see* Batista, J. 27659
Peixoto, Z.M.A., Sa, F.M.F., Seixas, P.F., Menezes, B.R., Cortizo, P.C. Design of sliding observer for back electromotive force, position and speed estimation of interior magnet motors 60706
Peiyu He *see* He Peiyu
Peizhang Jia *see* Jia Peizhang
Peizhen Deng, Jun Xu, Heyu Zhong, Jingwen Qiao, Fuxi Gan Crystal growth of Cr,Ca(Mg):$Y_3Al_5O_{12}$ with high Cr^{4+}-doping concentration 10669
Peizhen Zhou *see* Senpeng Sheng 3612
Pejcinovic, B. *see* Woywode, O. 21919
Pejovic, M., Ristic, G., Jaksic, A. Formation and passivation of interface traps in irradiated n-channel power VDMOSFETs during thermal annealing 42980
Pejovic, M.M., Markovic, V.L., Ristic, G.S., Mekic, S. Determination of formative time of electrical breakdown in nitrogen-filled tube 2891
Pejovic, V. Preventive tests of power transformers before and during their operation by oil sample analysis 19819
Pejovnik, S. *see* Jamnik, J. 19948
Pejovnik, S. *see* Kek, D. 38945
Pek-Yen Tan *see* Tan Pek-Yen
Peka, K. *see* Zezulka, F. 36443
Pekalski, R. *see* Walichnowski, W. 59611
Pekanik, J.J. *see* Hart, J.V., III 32225
Pekar', G.S. *see* Kislyuk, V.V. 12219
Pekarek, J.E., Itoh, T. Use of frequency derivatives in the three-dimensional full-wave spectral domain technique [microwave structures] 21882
Pekarek, L. *see* Srnanek, R. 12339
Pekarek, S. *see* Hegner, H.J. 29264
Pekarek, S. *see* Rosenkranz, J. 17711
Pekarek, S. *see* Skvarenina, T.L. 18708
Pekarek, S.D. *see* Tucker, W.L. 29265
Pekaric-Nad, N.M. *see* Nikolajevic, S.V. 50585
Pekaric-Nadj, N.M. *see* Nikolajevic, S.V. 19357
Pekeler, M. *see* Shu, Q.S. 49022
Pekelsky, J.R. *see* Siemsen, K.J. 48303
Pekergin, F. *see* Czachorski, T. 35411
Pekergin, F. *see* Czachoski, T. 5823
Pekola, J.P. *see* Hirvi, K.P. 27959
Pelagagge, P.M. *see* Cardarelli, G. 150
Pelagagge, P.M. *see* Cardarelli, G. 42810
Pelaia, T.A. *see* Rogers, J.T. 49250
Pelanchon, F., Moreau, Y., Mialhe, P. A δ-doped substructure in solar cells: carriers confinement and photocurrent 51585
Pelanchon, F. *see* Sudre, C. 54581
Pelant, I. *see* Gilliot, P. 22361
Pelayo, F.J. *see* Anguita, M. 31441
Pelayo, F.J. *see* Anguita, M. 31445
Pelayo, F.J. *see* Rojas, I. 31448
Pelaz, L., Jaraiz, M., Gilmer, G.H., Gossmann, H.-J., Rafferty, C.S., Eaglesham, D.J., Poate, J.M. B diffusion and clustering in ion implanted Si: the role of B cluster precursors 54359
Pelc, A. *see* Berman, P. 35685
Pelc, A. *see* Gasieniec, L. 16484
Pelc, K.I. Maps of virtual structures in R&D 9961
Pelc, L. *see* Trybus, L. 7210
Pelczynski, M.W. *see* Kurtz, S.R. 3889
Pele, D. *see* Ropert, M. 15163
Peled, A., Grantman, L., Ochayon, M., Friesem, A.A. Investigations of write/erase features by the photodeposition technique 3449
Peled, A. *see* Lapsker, I. 2556
Peled, R.C. *see* Lapsker, I. 2556
Peleg, A. *see* Lempel, O. 41229
Peleg, S. *see* Irani, M. 46314
Peleganchuk, S.V. *see* Aulchenko, V.M. 37243
Pelegrina, L. *see* Vieu, P. 425
Pelekanos, N. *see* Mariette, H. 12721
Pelekanos, N.T. *see* Mula, G. 13706
Pelekanos, N.T. *see* Mula, G. 31999
Pelekhaty, V., Xiaolu Wang New acousto-optic tunable filter for spectrophotometric applications 3498
Pelella, A.R., Pong-Fei Lu, Chan, Y.H., Huott, W.V., Bakhru, U., Kowalczyk, S., Patel, P., Rawlins, J., Wu, P.T. A 2 ns access, 500 MHz 288 Kb SRAM macro 1413
Pelella, M. *see* Assaderaghi, F. 13001
Pelella, M.M. *see* Krishnan, S. 22940
Pelella, M.M. *see* Lu, P.F. 11278
Pelgrom, M. *see* Tuinhout, H. 43277
Pelillo, M., Abbattista, F., Maffione, A. Teaching relaxation labeling processes using genetic algorithms 35058
Pelillo, M., Fanelli, A.M. Autoassociative learning in relaxation labeling networks 15525
Pelillo, M., Fanelli, A.M. Autoassociative learning in relaxation labeling networks 45853
Pelino, M. *see* Cantalini, C. 27730
Pelino, M. *see* Cantalini, C. 58896
Pelino, M. *see* Hong-Tao Sun 38114
Pelino, M. *see* Sun, H.-T. 36735
Pelipeiko, V.A. Performance analysis in diagnosing a distributed data-processing system 35706
Pelissier, B., Sadeghi, N. Time-resolved pulse-counting lock-in detection of laser induced fluorescence in the presence of a strong background emission 7212
Pelissier, S., Pandraud, G., Pigeon, F., Mure-Ravaud, A., Meunier, J.-P., Biasse, B. Glass wafer direct bonding: a new technology for monomode optical integrated devices 23521
Pelissier, S. *see* Mure-Ravaud, A. 3447
Pelissou, S., Amyot, N. Characterization of unaged extruded distribution cables 8908
Pelissou, S. *see* Amyot, N. 19351
Pelissou, S. *see* Amyot, N. 38361
Pelka, R., Kalisz, J., Szplet, R. Nonlinearity correction of the integrated time-to-digital converter with direct coding 27401
Pellandini, F. *see* Bracamonte, J. 15643
Pellandini, F. *see* Grisoni, L. 11531
Pellandini, F. *see* Heubi, A. 11532
Pellarin, M. *see* Melinon, P. 40534
Pellat-Finet, P. *see* Es-Satte, M. 7253
Pellat-Finet, P. *see* Richou, B. 13580
Pelle, C. *see* Quesnel, E. 3567
Pelle, C. *see* Robic, J.Y. 3568
Pelleg, J. *see* Sade, G. 42643
Pellegrin, D. *see* Galimberti, G. 8874
Pellegrini, A., Colalongo, L., Valdinoci, M., Rudan, M. AC analysis of amorphous silicon devices 2564
Pellegrini, A. *see* Valdinoci, M. 12140
Pellegrini, B. *see* Iannaccone, G. 42925
Pellegrini, C. Applications of short bunches 17984
Pellegrini, C. Collective instabilities in accelerator and storage rings 59145
Pellegrini, C. *see* Serafini, L. 17990
Pellegrini, G. *see* Blake, P.L. 15772
Pellegrini, J., Sturtevant, J., Green, K., Becher, P. Exposure field matching of multiple step-and-scan systems to multiple step-and-repeat systems 42801
Pellegrini, J. *see* Newcomb, R.M. 12830
Pellegrini, J.C. Trends in photolithography analysis and control 2546
Pellegrini, P.F., Piazza, E., Nervi, A. Digital resampling for image processing and fusion of SSM/I data 8307
Pellegrini, P.F. *see* Costamagna, E. 6572
Pellegrini, R. *see* de Notaristefani, F. 28228
Pellegrini, V., Borger, M., Lazzeri, M., Beltram, F., Paggel, J.J., Sorba, L., Rubini, S., Lazzarino, M., Franciosi, A., Bonard, J.-M., Ganiere, J.-D. Tuning of ZnSe-GaAs band discontinuities in heterojunction diodes 2577

Pellegrini, V., Pinczuk, A., Dennis, B.S., Plaut, A.S., Pfeiffer, L.N., West, K.W. Collapse of spin excitations in quantum Hall states of coupled electron double layers 22382
Pellegrini, V. *see* Diligenti, A. 42343
Pellegrini, V. *see* Pavesi, L. 44208
Pellegrini, V. *see* Tredicucci, A. 14271
Pellegrini, Y.-P., Stout, D.B., Thibaudeau, P. Off-shell mean-field electromagnetic T-matrix of finite-size spheres and fuzzy scatterers 45075
Pellegrino, S. *see* Francesio, L. 10726
Pellemans, H.P.M., Burghoorn, J., Klaassen, T.O., Wenckebach, W.T. Injection seeding of a pulsed far infrared molecular gas laser 3686
Pellens, R. *see* Dirksen, P. 2471
Pellerin, R. *see* Gharbi, A. 9980
Pellerin, T. *see* Sultan, N. 34325
Pellet, C. *see* Fremont, H. 53844
Pellet, M. *see* Benhabiles, B. 4379
Pelletier, C. *see* Raquet, J. 18747
Pelletier, J., Maldague, X. Shape from heating: a two-dimensional approach for shape extraction in infrared images 40743
Pelletier, J.M. Laser surface treatment: state of art and prospect 14484
Pelletier, M. *see* Jerominek, H. 17367
Pelletier, P. *see* Brochu, J. 50433
Pelletier, P. *see* Sybille, G. 8853
Pelletier, R. *see* Lejus, A.M. 3587
Pelletier-Allard, N. *see* Lejus, A.M. 3587
Pellilo, M., Bomze, I.M. Parallelizable evolutionary dynamics principles for solving the maximum clique problem 10392
Pellis, J. *see* Bollen, M.H.J. 39460
Pellitteri, G. A tool for a first analysis of architectural facades 46468
Pellizzari, T., Beth, T., Grassl, M., Muller-Quade, J. Stabilization of quantum states in quantum-optical systems 13750
Pellizzer, F. *see* Ghidini, G. 42544
Pellizzer, F. *see* Paccagnell, A. 22472
Pellizzoni, R., Sandri, A., Spalvieri, A., Biglieri, E. Analysis and implementation of an adjustable-rate multilevel coded modulation system 45581
Pellmann, M. *see* Niggemann, M. 17587
Pello, R. *see* Goebel, R. 17161
Pello, R. *see* Goebel, R. 27556
Pello, R. *see* Kohler, R. 48285
Pello, R. *see* Kohler, R. 48302
Pelloie, J.L., Faynot, O., Raynaud, C., Dunne, B., Martin, F., Tedesco, S., Hartmann, J. A scalable SOI technology for three successive generations: 0.18, 0.13 and 0.1 μm for low-voltage and low-power applications 22816
Pelloie, J.L. *see* Brisset, C. 22845
Pelloie, J.L. *see* Jomaah, J. 42991
Pelloie, J.L. *see* Raynaud, C. 22963
Pelloie, J.L. *see* Renn, S.H. 12999
Pelloie, J.L. *see* Renn, S.H. 43076
Pellom, B.L., Hansen, J.H.L. Text-directed speech enhancement using phoneme classification and feature map constrained vector quantization 15076
Pellot, C., Bloch, I., Herment, A., Sureda, F. An attempt to 3D reconstruct vessel morphology from X-ray projections and intravascular ultrasounds modeling and fusion 7880
Peloquin, B. *see* Vincent, C. 9310
Pelosi, C. *see* Gennari, S. 10839
Pelosi, G., Coccioli, R., Manara, G. An FEM-based numerical diffraction coefficient for irregular wedge configurations 45047
Pelosi, G., Manara, G., Fallai, M. Physical optics expressions for the fields scattered from anisotropic impedance flat plates 56035
Pelosi, G., Manara, G., Nepa, P. High-frequency scattering from anisotropic impedance wedges at oblique incidence 33984
Pelosi, G., Selleri, S., Graglia, R.D. The parabolic equation model for the numerical analysis of 3D diffraction at an anisotropic impedance wedge 33944
Pelosi, G., Selleri, S., Graglia, R.D. Numerical analysis of the diffraction at an anisotropic impedance wedge 56025
Pelosi, G., Selleri, S., Manara, G. FD solution for the diffraction of an inhomogeneous plane wave at an impedance wedge 45052
Pelosi, G. *see* Biffi Gentili, G. 56188
Pelosi, G. *see* Coccioli, R. 21210
Pelosi, G. *see* Monorchio, A. 33977
Pelosi, G. *see* Morales, M.A. 49530
Pelosi, L. *see* Grippo, A. 18410
Pelouard, J.-L. *see* Teissier, R. 2108
Pelova, V., Grigorov, L., Bogatchev, G. Luminescence of Tb^{3+}-activated zirconium pyrophosphate: influence of compensating and sensitizing impurities 23673
Pelt, M. *see* Panajotovo, K.R. 44171
Peltie, P., David, D. Integrated intelligent sensor for the textile industry 30339
Peltier, F. *see* Bellomo, J.P. 9171
Peltier, F. *see* Bellomo, J.P. 43537
Peltier, F. *see* Bruzek, C.E. 55102
Peltier, J., Hansford, W. A discussion of various MCM applications fabricated at the multichip module designers' access service: MIDAS 53876
Peltier, J. *see* Emerling, M. 7100
Peltola, J. *see* Dastidar, P. 28283
Pelton, S.L., Scarbrough, K.D. Boeing systems engineering experiences from the 777 AIMS program 59894
Pelusi, M. *see* Nirmalathas, A. 44583
Peluso, G. *see* Parlato, L. 23421
Peluso, T. *see* Tapfer, L. 22315
Pelz, D. *see* Altmaier, H. 14635
Pelz, J.P. *see* Jones, D.E. 7601
Pelz, L. *see* Xiaojun Fang 44177
Pelzel, R.I. *see* Reaves, C.M. 12432
Pelzer, W. *see* Engels, O. 37100
Pelzl, J. *see* Yongchen Xu 54932
Pelzmann, A. *see* Kamp, H. 21262
Peman, M.J. *see* Recio, M. 58623
Pemble, M.E. *see* Patrikarakos, D.G. 40349
Pemble, M.E. *see* Taylor, A.G. 41856
Pemble, M.E. *see* Yates, H.M. 40653
Pemen, A.J.M., van der Laan, P.C.T. Pitfalls of partial discharge measurements on stator windings of turbine generators 50963
Pemus, F. *see* Likar, B. 49420
Pen En-Yea *see* En-Yea Pen
Pena, A.S. *see* Prelic, N.G. 34633
Pena, J.D.Aguilar *see* Aguilar Pena, J.D.
Pena, J.L. *see* Aguilar, M. 54084
Pena, J.L. *see* Ponce, L. 2057
Pena, J.M. *see* Alonso, P. 40132
Pena, M.A. *see* Semenov, A. 53100
Pena, R.S., Clare, J.C., Asher, G.M. Implementation of vector control strategies for a variable speed doubly-fed induction machine for wind generation system 60617
Pena, T.F., Bruguera, J.D., Zapata, E.L. Finite element resolution of the 3D stationary semiconductor device equations on multiprocessors 12862
Pena C., M.A., Gonzalez C., R., Aljama C., T., Carrasco S., S., Ortiz P., R., Vargas, C.G., Valencia, G. Comparison of abdominal ECG and phonocardiography for instantaneous fetal heart rate detection 59586
Pena-Chapa, J.L. *see* Fuentes, J. 741
Pena-Sierra, R. *see* Mendez-Fernandez, E. 2009
Penalver, C.M. *see* Lago, A. 60904
Penalver, J. *see* Greve, A. 17016
Penard, E. *see* Mathoorasing, D. 58296
Penbeci, S. Coding of speech signals at low-rates 56396
Penberthy, D.L. *see* Alexander, B.B. 20518
Penberthy, W. *see* Forcht, K. 35763
Pence, J.E. *see* Basu, S. 17757
Penchev, O.J. *see* Drenska, M.B. 13517
Pencheva, T., Nenkov, M. The properties of barium titanate RF sputtered in argon 43478
Pencheva, T. *see* Nenkov, M. 44182
Pencikowski, P. A low vehicle-mounted enhanced vision system comprised of a laser illuminator and range-gated camera 17512
Pendekanti, A., Henriquez, C., Wolf, P., Hoffmann, D. Effect of point of connection on the surface current profile over transvenous defibrillation electrodes 59816
Pendergrass, N.A., Sun, G. Using computer assisted collaborative learning for high quality distance education 20466
Pendergrass, N.A. *see* Lambert, D.E. 48033
Pendharkar, S., Shenai, K. Optimization of the anti-parallel diode in an IGBT module for hard-switching applications 54640
Pendharkar, S. *see* Hector, S. 32290
Pendharkar, S. *see* Trivedi, M. 2596
Pendharkar, S.V. *see* Morgan, M.D. 23641
Pendharkar, S.V. *see* Wolfe, J.C. 22711
Pendleton, M. *see* Sallee, D. 38859
Pendleton, T. Power systems and battery plants go modular 9374
Pendley, R.D. *see* Lin, D.C. 38026
Pendley, R.D. *see* Scheidker, E.J. 28576
Pendock, G.J., Sampson, D.D. Capacity of coherence multiplexed CDMA networks 26801
Pendock, G.J. *see* Cahill, M.J.L. 3835
Pendry, J.B. *see* Wijnands, F. 56063
Pendse, R., Johnson, E. Teaching an undergraduate class vs. graduate class: is there a difference? 20469
Pendurkar, R., Chatterjee, A., Tovey, C. Optimal single probe traversal algorithm for testing of MCM substrate 1862
Penev, I. *see* Taskaeva, M. 18153
Penev, Iv. *see* Ilieva, K. 50718
Peng, C.-K. *see* Ivanov, P.Ch. 18414
Peng, C.H. *see* Lai, C.S. 42615
Peng, C.K. *see* Frison, T.W. 28368
Peng, C.Y. *see* Liu, A.K. 50081
Peng, D.K. *see* Yang, P.H. 27757
Peng, D.L., Sumiyama, K., Oku, M., Li, D.X., Suzuki, K. Structure and magnetic properties of Fe-Ti-N films deposited by DC magnetron facing target sputtering 919
Peng, G., Peng, W. A precision correlator based on the hybrid of electronic and optical image processing 35332
Peng, G., Xie, F., He, W., Li, Y., Huang, A. A distortion-invariant recognition approach 5460
Peng, G. *see* He, W. 15433
Peng, G.D. *see* Hatami-Hanza, H. 24100
Peng, G.D. *see* Li, K. 43941
Peng, H., Zhang, D. Dual eigenspace method for human face recognition 35278
Peng, J., Liu, X., Tang, P., Fan, C., Zhou, B. High performance tandem two-stage EDFA, bi-directional fiber ring laser and correlated Q-switched/mode-locked fiber figure-8 laser 23774
Peng, J. *see* Chai, C.C. 21337
Peng, J.H. *see* Kwok-Wah Hui 23585
Peng, J.L. *see* Bettermann, D. 7138
Peng, J.L. *see* Bettermann, D. 27228
Peng, J.L. *see* Gorska, M. 42042
Peng, K.C. *see* Sahu, S.K. 37360
Peng, L.J. *see* Lo, K.L. 60197
Peng, S. *see* Ke, N. 12165
Peng, T., Piprek, J. Refractive index of AlGaInN alloys 12220
Peng, V. *see* Cherng, J.G. 30368
Peng, W. *see* Peng, G. 35332
Peng, W.C. *see* Rege, K.M. 26636
Peng, Z. *see* Eles, P. 40965
Peng, Z.L. *see* Itoh, Y. 37166
Peng Bo *see* Yan Yihua 27120
Peng Chen, Toyota, T., Nasu, M. Self-reorganization method of symptom parameters for failure diagnosis by genetic algorithms 39919
Peng Chen *see* Toyota, T. 20972
Peng Chubing, Lee, S.K., Kim, S.G. Interface wall structure of exchange-coupled ferrimagnetic bilayer films for magneto-optical recording 32828
Peng Chubing, Lee, S.K., Kim, S.G. Modeling magneto-optical domain for mark edge recording 32867
Peng Dong Liang *see* Dong Liang Peng
Peng Fang Zheng *see* Fang Zheng Peng
Peng Gengshing *see* Gengshing Peng
Peng Gong *see* Yang, G. 8367
Peng Gwo-Sheng *see* Gwo-Sheng Peng
Peng Haifeng *see* Haifeng Peng
Peng Han-Sheng *see* Huang Wen-Zhong 44354
Peng Hansheng *see* Zhang Shukui 23872
Peng Hui *see* Hui Peng
Peng Jia-Xiong *see* Xiong Yan 57191
Peng Jian *see* Shao Yuan 4835
Peng Jian *see* Jian Peng
Peng Jiangde *see* Huang Yidong 14102
Peng Jiangde *see* Tang Pingsheng 23824
Peng Jiangde *see* Yang Zhixing 6848
Peng Jiaxiong *see* Xiong Yan 57332
Peng Jing *see* Jing Peng
Peng Jun *see* Ding Yaogen 53990
Peng Junbiao *see* Junbiao Peng
Peng Kun-Chi *see* Zhang Tian-Cai 44442
Peng Lee Chew *see* Lee Chew Peng
Peng Lei *see* Hu Changqing 58073
Peng Lu *see* Aidong Li 43582
Peng Mao Yu *see* Mao Yu Peng
Peng Qicai *see* Qicai Peng
Peng Qingzhi *see* Qingzhi Peng
Peng Ruiwu *see* Yu Qingxuan 870
Peng Sen-Chueh *see* Sen-Chueh Peng
Peng Shientung *see* Shientung Peng
Peng Shietung *see* Shietung Peng
Peng Wei Qian *see* Wai Shing Lau 42532
Peng Wenji *see* Wenji Peng
Peng Wuxu *see* Wuxu Peng
Peng Xiang, Zhu Shaoming, Gao Zhi, Yao Jianqua Double-pulse digital speckle pattern interferometry 27954
Peng Xiangang *see* Luo Yifang 8815
Peng Xiaolan *see* Liu Qing 60245
Peng Xiaolang, Liu Pei, Cheng Shijie, Duan Min, Wu Bing, Chen Huihua, Shu Qiumei, Wu Feifei A practical expert system for protective relaying operation and management of power system 50620
Peng Xiaoyuan *see* Xiaoyuan Peng
Peng Yingning *see* He You 4839
Peng Yingning *see* Wang Yongliang 15207
Peng Yongning *see* Yongning Peng
Peng Youbin *see* Youbin Peng
Peng Yu *see* Cai Huilong 7149
Peng Yuheng, Chen Songyan, Chen Weiyou, Zhao Tiemin, Liu Shiyong The theoretical analysis of gain and linewidth enhancement factor of modulation-doped compress strained multi-quantum-well lasers 14162
Peng Yuxing, Chen Fujie A technology mapping algorithm for area optimization under delay constraint 2767
Peng Zebo *see* Zebo Peng
Peng Zhonghua *see* Zhonghua Peng
Peng Zhongling *see* Zhongling Peng
Peng Zhongqiu *see* Zhongqiu Peng
Peng Zuoyan, Li Xi, Zhao Muyu, Cai Hong, Zhao Shanqi, Hu Guangda, Xu Baokun Fabrication of $La_{1-x}Sr_xFe_{1-y}Co_yO_3$ sensitive ceramics, nanocrystalline thin films and the manufacture of the NCTF-OSFET gas sensing device 48715
Peng-Gang Zhang, Irvine-Halliday, D. Faraday effect optical current sensor 17285
Peng-Gang Zhang, Irvine-Halliday, D. Non destructive monitoring of the curing process of epoxy in situ by way of a fiber acoustic sensor 17435
Peng-Gang Zhang, Irvine-Halliday, D. A practical hybrid optical fiber based high voltage sensor 17436
Peng-Heng Chang, Chen-Tang Huang, Jin-Shown Shie On liquid-phase deposition of silicon dioxide by boric acid addition 52742
Peng-Heng Chang *see* Re-Long Chiu 21372
Peng-Hua Zhang *see* Zhang Peng-Hua
Peng-Jun Wan *see* Pavan, A. 58281

Peng-Wie Hsia, Mendoza, D., Gurunathan, S., Naik, S., Damiano, R., Jr. Design of a real-time ventricular fibrillation waveform analysis system for improved low energy DC defibrillation shock delivery 37824
Peng-Wie Hsia *see* Gurunathan, S. 49641
Peng-Ye Wang *see* Ping Xie 24074
Peng-Ye Wang *see* Ping Xie 27682
Pengfei Wu, Bingsuo Zou, Xiaochun Wu, Jiren Wu, Xiong Gong, Guilan Zhang, Guoqing Tang, Wenju Chen Biphotonic self-diffraction in azo-doped polymer film 44656
Pengfei Wu *see* Wu Pengfei
Penggen Xu *see* Xu Penggen
Pengji Zhai *see* Zhai Pengji
Pengling Luo *see* Luo Pengling
Pengo, R. *see* Dainelli, A. 49138
Pengo, R. *see* Lombardi, A. 37117
Pengo, R. *see* Spolaore, P. 23207
Pengqian Wang *see* Cechan Tian 3990
Pengqian Wang *see* Wang Pengqian
Pengshou Xu *see* Lei Huang 32215
Pengshuo Xu *see* Xu Pengshuo
Pengzhi Cao *see* Cao Pengzhi
Penicaud, M., Yongacoglu, A., Chouinard, J.-Y. Iterative decoding of rate adaptive multilevel coded modulation for mobile satellite communication 47821
Penin, A.A. The relative regime of four-port connected in parallel: geometrical approach 52937
Penin, A.N. *see* Burlakov, A.V. 14393
Penkoske, P.A. *see* Witkowski, F.X. 59376
Penman, D.W. Automated X-ray detection of contaminants in continuous food streams 35155
Penman, J., Stavrou, A. Broken rotor bars: their effect on the transient performance of induction machines 9232
Penman, J. *see* Smith, K.S. 29818
Penman, J. *see* Smith, K.S. 38275
Penn, B.G. *see* Aggarwal, M.D. 10631
Penn, B.G. *see* Sanghadasaa, M. 24217
Penn, D. *see* Farag, A.S. 51416
Penn, L.S. *see* Jian, X.H. 52874
Penn, M. Eastern Europe in the global microelectronics world 129
Penn, M.J. *see* Shutt, T. 37472
Penn, S.J. *see* Alford, N.McN. 2881
Penn, S.J. *see* Alford, N.McN. 55078
Penna, P.La *see* La Penna, P.
Penna, S.Della *see* Della Penna, S.
Pennacchia, J. *see* Perfecto, E.D. 301
Penneau, J.-F. The conducting polymers in the duty of electrical engineering 944
Penneau, J.F. *see* Lessard, M.C. 19803
Penneau, J.F. *see* Lessard, M.C. 43540
Pennell, M., Forni, B., Evans, R. Full chip mixed-signal simulation of a disk drive read/write channel 21820
Pennell, M.J. *see* Parsi, K. 3208
Pennelli, G. *see* Diligenti, A. 42343
Pennesi, G. *see* Capobianchi, A. 58887
Pennetta, C. *see* Gingl, Z. 10215
Penney, C.E., Hotz, T.J., Kitzmiller, J.R., Werst, M.D. Design and testing of the power electronics for the cannon caliber electromagnetic gun system 33886
Penney, C.E. *see* Kitzmiller, J.R. 33879
Penney, C.E. *see* Werst, M.D. 33907
Penney, C.J., Clements, J.C., Gardner, M., Sterns, L., Horacek, B.M. The inverse problem of electrocardiography: application to localization of Wolff-Parkinson-White pre-excitation sites 59673
Penney, C.J. *see* Hubley-Kozey, C.L. 49690
Penney, C.J. *see* Hubley-Kozey, C.L. 59722
Penney, J. *see* Wu, D.Y. 47941
Penninckx, D., Chbat, M., Pierre, L., Thiery, J.-P. The phase-shaped binary transmission (PSBT): a new technique to transmit far beyond the chromatic dispersion limit 26878
Penninckx, D., Delansay, P., Boucherez, E., Fortin, C., Le Gouezigou, O. InP/GaInAsP π-phase-shifted Mach-Zehnder modulator for wavelength independent (1530-1560 nm) propagation performance at 10 Gbit/s over standard dispersive fibre 58297
Penning de Vries, R. *see* Tuinhout, H. 43277
Pennings, E., Khoe, G.-D., Smit, M.K., Staring, T. Integrated-optic versus microoptic devices for fiber-optic telecommunication systems: a comparison 44049
Pennings, E.C.M., Smit, M.K., Staring, A.A.M., Khoe, G.D. Integrated-optics versus micro-optics–a comparison 44060
Pennington, D. *see* Stuart, B.C. 44427
Pennington, D.M., Milam, D., Eimerl, D. Gain saturation studies in phosphate amplifier glasses 23842
Pennisi, R., Landreth, B.D., Robinson, D. Techniques for optimizing DCA encapsulation process 39848
Pennisi, S. *see* Palmisano, G. 1563
Pennline, J.A. *see* Ford, W.F. 40148
Pennock, S.R. *see* Ghobadi, Ch. 34099
Penny, G.P. *see* Studholme, C. 18401
Penny, W. *see* Roberts, S.J. 5190
Pennycook, S.J. *see* Maiti, A. 22212
Pennycook, S.J. *see* Pantelides, S.T. 42407
Pennypacker, C.R. *see* Holland, S.E. 48685
Penot, F. *see* Wang, H.Y. 30219
Penrice, S.G. Balanced graphs and network flows 40051
Penrod, B.M. Adaptive temperature compensation of GPS disciplined quartz and rubidium oscillators 21519
Penrod, D. *see* Byczynski, G.E. 10932
Penrose, H.W. Anatomy of an energy efficient electric motor rewind 29325
Pens, O. *see* Cubero, J.C. 40044
Penselin, S. *see* Helmcke, J. *(editor)* 81
Pensl, G. *see* Heydemann, V.D. 10618
Pensl, G. *see* Karg, D. 20041
Pensl, G. *see* Voight, A. 20040
Pensl, G. *see* Voigt, A. 39022
Penso, G. *see* Annis, P. 59237
Penso, G. *see* Berkovski, A.G. 12123
Penswick, B. *see* Boldea, I. 29347
Penswick, L.B. *see* Montgomery, W.L. 20088
Pentcheva, E. Intelligent network services described as database interactions 47292
Pentcheva-Spiridonov, V. *see* Horsch, A. 18232
Pentecost, H.T.A., Rogoyski, A.M., McCann, D.R., Maurice, A.J. Target recognition, identification and tracking using real and synthetic IR imagery 35119
Pentegov, I.V. Theory of Tesla processes in the charging of capacitive energy storages 9569
Pentia, A. *see* Ciurea, M.L. 41877
Pentia, E. *see* Pintilie, I. 3578
Penticost, S. *see* Simeonidou, D. 58092
Penticost, S.J. *see* Sian, S.S. 58342
Pentjuss, E., Benders, J., Bajars, G., Eglitis, V., Lusis, A. Results of cycling and long-term storing of WO_3-based electrochromic cells with protonic electrolyte 3309
Pentland, A. *see* Azarbayejani, A. 5634
Pentland, A. *see* Basu, S. 5632
Pentland, A. *see* Darrell, T. 5666
Pentland, A. *see* Dickinson, S.J. 46313
Pentland, A. *see* Moghaddam, B. 5391
Pentland, A. *see* Nastar, C. 46416
Pentland, A.P. *see* Darrell, T.J. 15956
Pentlow, K.S., Graham, M.C., Lambrecht, R.M., Daghighian, F., Bacharach, S.L., Bendriem, B., Finn, R.D., Jordan, K., Kalaigian, H., Karp, J.S., Robeson, W.R., Larson, S.M. Quantitative imaging of iodine-124 with PET 7909
Pentney, J.M. *see* Brawn, I. 59325
Pentrack, D., Krishnan, K., Lahti, D., Greenwell, R. Gamma irradiation testing of infrared LEDs 44282
Pentrack, D. *see* McFadden, J.D.O. 43956
Pentti, M. *see* Jarmo, A. 49806
Penttilae, H.T. *see* Back, B.B. 7832
Penttonen, M. *see* Kautonen, A. 16685
Penty, R.V. *see* Asghari, M. 36087
Penty, R.V. *see* Khrushchev, I.Y. 44439
Penty, R.V. *see* Stephens, M.F.C. 26727
Penty, R.V. *see* Stephens, M.F.C. 44509
Penty, R.V. *see* Stephens, M.F.C. 58340
Penty, R.V. *see* Taverner, D. 55535
Penty, R.V. *see* Williams, K.A. 23978
Penty, R.V. *see* Williams, K.A. 23987
Pentzien, S. *see* Kautek, W. 905
Penuzzottii, F., Zaopo, A., Mazzanti, G., Montanari, G.C. Test procedures for the evaluation of defect tolerance of electrically-stressed polymers 32704
Peny, W.G. *see* Davis, R.F. 21248
Penza, M., Anisimkin, V.I., Vasanelli, L. Uncoated SAW delay lines as thermal gas detector 7471
Penza, M., Milella, E., Musio, F., Alba, M.B., Quirini, A., Vasanelli, L. Langmuir-Blodgett polypyrrole film as selective NH_3 gas detector 58888
Penzel, T., Fuchs, K., Hassing, K., Hellmann, G., Macerata, A., Nielsen, K., Varri, A., Zywietz, C. Scenarios on vital signs and derivation of a domain information model 28066
Penzes, W.B. *see* Cresswell, M.W. 54746
Penzin, S.H., Crain, W.R., Crawford, K.B., Hansel, S.J., Kirshman, J.F., Koga, R. Single event effects in pulse width modulation controllers 29438
Penzin, S.H. *see* Koga, R. 21749
Penzkofer, A. *see* Steinkellner, O. 14042
Penzo, A. *see* Akchurin, N. 37077
Penzo, P.A. *see* Rodgers, D.H. 59861
Penzyakov, V.V. *see* Grigoriev, Y.A. 53942
People, R. *see* Tanbun-Ek, T. 55691
Pepe, G.P. *see* Parlato, L. 23421
Pepin, A., Vieu, C., Schneider, M., Benassayag, G., Planel, R., Bloch, J., Launois, H., Marzin, J.Y., Nissim, Y. Fabrication of quantum wires by selective intermixing induced in GaAs/GaAlAs heterostructures by SiO_2 capping and annealing 10845
Pepin, A., Vieu, C., Schneider, M., Launois, H., Nissim, Y. Evidence of stress dependence in SiO_2/Si_3N_4 encapsulation-based layer disordering of GaAs/AlGaAs quantum well heterostructures 42197
Pepin, H. *see* Beaudoin, Y. 36942
Pepin, M.P., Sacchini, J.J. Maximum likelihood estimation of point scatterers in synthetic aperture radar data 6879
Pepino, A., Bracale, M., Iocco, M. A quantitative approach in the treatment of hemiplegic patients using an electropneumatic platform 18500
Peppard, L.E. *see* Gallant, P.J. 8068
Peppel, E. *see* Eick, W. 28034
Peppel, E. *see* Eick, W. 59238
Pepper, D.J., Singhal, S., Soper, S. Bellcore's CallManager system 46968
Pepper, D.M., Dunning, G.J., Klein, M.B., Mitchell, P.V., O'Meara, T.R. Self-compensating laser-based ultrasound sensor using integrated photo-induced EMF detection and time-delay interferometry 21396
Pepper, D.M., Dunning, G.J., Owechko, Y., Cronkite, R.A., Chiao, M., Klein, M.B., Mitchell, P.V., O'Meara, T.R. Demonstration of a laser-based ultrasonic inspection system for industrial applications 20963
Pepper, D.M. *see* Dunning, G.J. 21398
Pepper, M. *see* Burke, T.M. 42581
Pepper, M. *see* Emeleus, C.J. 42225
Pepper, M. *see* Field, M. 2734
Pepper, M. *see* Griffin, N. 42087
Pepper, M. *see* Iredale, N. 43125
Pepper, M. *see* Kardynal, B. 42165
Pepper, M. *see* Liang, C.-T. 54168
Pepper, M. *see* Liang, C.-T. 54190
Pepper, M. *see* Patel, N.K. 42117
Pepper, M. *see* Paul, D.J. 22293
Pepper, M. *see* Paul, D.J. 43110
Pepper, M. *see* Paula, D.J. 2139
Pepper, M. *see* Ryan, J.M. 42053
Peppermuller, C., Helbig, R., Rottner, K., Schoner, A. Low temperature photoluminescence measurements on boron- and hydrogen-implanted 6H-SiC 44207
Peppes, D. *see* Chrissikopoulos, V. 4492
Pepping, R. *see* Mazarakis, M.G. 37078
Pepping, R. *see* Mazarakis, M.G. 37152
Pepping, R.E. *see* Spielman, R.B. 37566
Peppley, B.A. *see* Amphlett, J.C. 20001
Pepyne, D.L., Looze, D.P., Logan, D.A., Sandell, N.R., Jr, LeBlanc, R. A decision aid for theater missile defense 60129
Pera-Marion, M.-C. *see* Ferrieux, J.-P. 51857
Peracaula, J. *see* Mendez, A. 40898
Perahia, E., Pottie, G.J. Adaptive antenna arrays and equalization for indoor digital radio 6542
Perahia, E. *see* Hauss, B.I. 28707
Peraire, J., Morgan, K. Unstructured mesh generation including directional refinement for aerodynamic flow simulation 52581
Peral, E., Capmany, J., Marti, J. Iterative solution to the Gel'Fand-Levitan-Marchenko coupled equations and application to synthesis of fiber gratings 13569
Peral, E., Capmany, J., Marti, J. Soliton transmission control by super-Gaussian filters 14326
Peral, E. *see* Pastor, D. 55228
Perala, J., Lounela-Stenberg, L., Toronen, J., Lehikoinen, P. Videotelephone services for elderly and mobility impaired people 18549
Peraldi, M.-A. *see* Decotignie, J.-D. 16303
Peralta, R., Mambo, M., Okamoto, E. Factoring hard integers on a parallel machine 56355
Peralta, R. *see* Bach, E. 10305
Peralta, S. *see* Braun, J.-M. 19337
Peran-Gonzalez, J.R. *see* Perez-Turiel, J. 47058
Perardi, F., Ferrero, F., Pietroiusti, R., Cataldi, F. The evolution of packet data networks: the ATM opportunity 47127
Perault, M. *see* Cesarsky, C.J. 36548
Perbos, J. *see* Hagolle, O. 18840
Perchiazzi, M. *see* Barbarito, E. 18093
Percival, D.J. *see* Skafidas, E. 28641
Percival, J.W., White, R.L. An ultra-low bandwidth video transmission system 15961
Percival, R. *see* Thompson, W. 18080
Percival, R.M., Williams, J.R., Blair, L.T., Carter, S.F., Wyatt, R. Amplified first window systems experiments 26817
Percival, T.M. *see* Jian Zhang 26087
Percival, T.M.P. *see* Skellern, D.J. 35688
Percsi, L. *see* Harsanyi, G. 20957
Perczel, I.V. *see* Reti, F. 17592
Perdereau, V. *see* Chatry, N. 51824
Perdigao, J.M. *see* Santos, J.B. 31019
Perdomo, J. *see* Reynoso-Hernandez, J.A. 21910
Perdon, A.M. *see* Conte, G. 46279
Perdue, J. *see* Riad, S.M. 53643
Perdue, R.J., Scherer, J.B. The way we were: speech technology, platforms and applications in the 'old' AT&T 46960
Perebeinos, V.V. *see* Baryshnikov, F.F. 14218
Perebeinos, V.V. *see* Baryshnikov, F.F. 55747
Peredel'skii, G.I., Satarov, V.V. Determination of two-terminal network equivalence on the basis of bridge circuits with pulse power supply 9357
Perego, C., Guerrini, G., Faglia, G., Sberveglieri, G., Hellmich, W., Krenkow, A., Bosch-von Braunmuhl, C., Muller, G. Thermally cycled microsensor highly sensitive to carbon monoxide 58892
Perego, C. *see* Endres, H.-H. 36762
Perego, C. *see* Ferroni, M. 52829
Perego, M. *see* Alessandrello, A. 48812
Peregudov, V.S. *see* Zhukov, M.F. 38616
Pereiaslavets, B., Braunstein, J., Martin, G., Eastman, L.F., Yanka, R.W., Ballingall, J.M. Narrow channel GaInP/InGaAs/GaAs MODFET grown by MBE with record 2-DEG density for high frequency and power applications 13033
Pereiaslavets, B. *see* Martint, G.H. 43140
Pereira, A.S. *see* de Azevedo Marques, P.M. 37705
Pereira, A.S. *see* Marques, M.A. 37707
Pereira, A.S. *see* Oliveira, H.J.Q. 37708
Pereira, C. *see* Represa, J. 33785

Pereira, E. *see* Cremades, A. 31823
Pereira, F., Alpert, T. MPEG-4 video subjective test procedures and results 35180
Pereira, F., Belsley, M., Salcedo, J.R. Interplay between heat diffusion and self-focusing in absorptive optical bistability 24168
Pereira, F., Koenen, R. Very low bit-rate audio-visual applications 5503
Pereira, F.P. *see* Shore, N.L. 8866
Pereira, J. *see* Caetano, M. 50020
Pereira, J. *see* Schwartz da Silva, J. 47812
Pereira, J.P. *see* Khandelwal, A. 47423
Pereira, M., Sadek, K. Damping harmonics in the power system with active filters 50328
Pereira, M. *see* Sadek, K. 50527
Pereira, M.S., Manolakos, E.S. Hierarchical neural network for multiresolution image analysis 56771
Pereira, M.V.F. *see* Mello, J.C.O. 60256
Pereira, N.F., Borges, B.V., Anunciada, V. Supra resonant fixed frequency full bridge DC-DC resonant converter with reduced switching losses 51328
Pereira, N.R. *see* Judy, D.C. 28021
Pereira, P., Heutte, L., Bougeois, O., Moreau, J.V., Plessis, B., Courtellemont, P., Lecourtier, Y. Numeral amount recognition on multi-bank cheques 5599
Pereira, R., Wiseman, A., Senior, J.M. Novel approach to obtaining stability criteria for individual stations of token ring LANs with asymmetric traffic patterns and/or service strategies 57783
Pereira-Filho, O.M.C. *see* Adve, R.S. 24440
Pereira-Ramos, J.P. *see* Bach, S. 19969
Pereira-Ramos, J.P. *see* Caurant, D. 38944
Perel, M.V., Stesik, O.L. Numerical simulation of cycle slipping in diurnal variation of phase of VLF field 34058
Pereles, D. Engineers check out new DC drive system with help of digital storage oscilloscope 20139
Perell, C., Lozano, M., Millan, J., Lora-Tamayo, E. An automated approach on electrical technology characterization and analysis 155
Perelle, M. *see* Abida, W. 51370
Perelman, N. *see* Ioffe, I. 39763
Perelman, R., Lanoue, J. The importance of coaxial cable to base station performance 47695
Perelstein, E. JINR Tau/charm factory: status and perspectives 17900
Perelstein, E. *see* Kurokawa, S. 17881
Perelygin, V.P. *see* Chultem, D. 37164
Perenboom, J.A.A.J. *see* Cole, B.E. 42174
Perennec, A. *see* Le Berre, D. 24054
Perennes, F., Coker, T.M., Crossland, W.A. Digital-to-analog image conversion with an optically addressed spatial light modulator 57175
Perennes, F., Crossland, W.A., Kozlowski, D., Wu, Z.Y. New reflective layer technologies for fast ferroelectric liquid crystal optically addressed spatial light modulators 33159
Perennes, F., Wu, Z.Y. Schottky barrier and the behaviour of the optically addressed spatial light modulator with metal mirrors 55314
Perennes, S. *see* Delmas, O. 16025
Perepelitsa, S.G., Dyczij-Edlinger, R., Jin-Fa Lee Finite-element analysis of arbitrarily shaped cavity resonators using H^1(curl) elements 41421
Perera, A.G.U., Matsik, S.G., Francombe, M.H. Infrared detection with spontaneous pulsing in multi-quantum well structures 17371
Perera, A.G.U., Matsik, S.G., Francombe, M.H. Spontaneous pulsing in semiconductor homo and heterostructures for IR detection 48520
Perera, A.G.U., Yuan, H.X., Gamage, S.K., Shen, W.Z., Francombe, M.H., Liu, H.C., Buchanan, M., Schaff, W.J. GaAs multilayer p^+-i homojunction far-infrared detectors 48530
Perera, A.G.U. *see* Yuan, H.X. 48509
Perera, A.H., Satterfield, M.J. Micromasking of plasma etching due to bacteria: a yield detractor for ULSI 1348
Perera, A.H., Thompson, M., Hector, S., Iyer, S., Azrak, M.J., Zavala, M. Trench isolation at 300 nm active pitch using X-ray lithography 32175
Perera, A.H. *see* Hayden, J.D. 53276
Perera, I.K. *see* Allwood, D.A. 4170
Perera, L.D.R.D. *see* Siripala, W. 32100
Perera, V.J. *see* Brawn, I. 59325
Perera, W.L.R. *see* Ankiewicz, A. 13614
Peres, A., Goldenburg, L., Vaidman, L. Quantum cryptography with orthogonal states? [and reply] 4450
Peres, I. *see* Liland, K.B. 9724
Peres, P.L.D. *see* Caminhas, W.M. 9220
Peres, P.L.D. *see* Takahashi, R.H.C. 31120
Peresada, S. *see* Marino, R. 50984
Peressi, M. *see* Tit, N. 2189
Perestoronia, A.V. *see* Karuzakii, A.L. 31493
Perestoronin, A.V. *see* Beloushkin, A.A. 41471
Peretti *see* Licciardi, L. 58063
Peretti, M. *see* Licciardi, L. 6399
Peretti, M. *see* Licciardi, L. 6410
Peretto, L., Emanuel, A.E. A theoretical study of the incandescent filament lamp performance under voltage flicker 39398
Peretto, L. *see* Emanuel, A.E. 39399
Pereverzeva, L.P. *see* Poplavko, Y.M. 58697
Pereverzeva, L.P. *see* Poplavko, Y.M. 58744
Perevozchikov, B.N. *see* Bizyukov, A.A. 37198
Pereyaslavets, M., Braz, O., Kern, S., Losert, M., Mobius, A., Thumm, M. Improvements of mode converters for low-power excitation of gyrotron-type modes 41786
Pereyra, A. *see* Magalhaes, A.M. 7412
Perez, A. *see* Melinon, P. 40534
Perez, E., Millan, M.S. Adaptive channel selection for improving chromatic discrimination in colour pattern recognition 25302
Perez, E. *see* Adam, A.M.M.M. 9474
Perez, F., Jusserand, B., Dahl, C., Filoche, M., Ferlazzo-Manin, L., Etienne, B. Folded and confined one-dimensional plasmons in modulated wires 12390
Perez, F. *see* Alonso, J.I. 26612
Perez, J., Martinez, J. Kalman filter algorithm for digitally recorded lightning impulse parameter evaluation 7517
Perez, J., Sainz, J., Catedra, M.F. Analysis of radiation and scattering of bodies modelled with parametric surfaces 34188
Perez, J., Velarde, L., Gutierrez, J., Catedra, M.F. Efficient ray tracing algorithms for planning of picocellular systems in urban and indoor environments 35938
Perez, J. *see* Garnacho, F. 50672
Perez, J. *see* Olbrich, T. 41348
Perez, J.L. *see* Olabe, M.A. 35452
Perez, J.L. *see* Olabe, M.A. 35454
Perez, J.L.Herrera *see* Herrera Perez, J.L.
Perez, J.M. *see* Garcia-Belmonte, G. 37559
Perez, J.M. *see* Lopez, J.E. 37882
Perez, J.M. *see* Porras, E. 37353
Perez, J.M.S. *see* Cesteros, A.M.F.-P. 21456
Perez, J.O. *see* Parsi, K. 3208
Perez, L.C., Costello, D.J., Jr. MAP decoding of catastrophic encoders 34619
Perez, L.C., Seghers, J., Costello, D.J., Jr. A distance spectrum interpretation of turbo codes 24685
Perez, L.V., D'Attellis, C.E., Ruzzante, J.E. A model for acoustic emission signals and burst occurrence estimation 52870
Perez, L.V., Trigubo, A.B., Walsoee de Reca, N.E. Validation of models for subgrain growth in $Hg_{1-x}Cd_xTe$ (MCT) by thermal annealing 10658
Perez, M.A. *see* Blanco, C. 51233
Perez, M.A. *see* Gonzalez, M. 51473
Perez, M.A. *see* Gonzalez, M. 51482
Perez, M.D. *see* Butson, M.J. 37904
Perez, M.M. *see* Gomez, P. 4620
Perez, M.S., Isasa, M.V., Vidarte, C.T. Analysis and design of slot array antennas on short-circuited radial line 34419
Perez, M.V. *see* Bao, C. 13641
Perez, O.Duque *see* Duque Perez, O.
Perez, P. *see* Kervrann, C. 15533
Perez, P. *see* Laferte, J.-M. 5580
Perez, P. *see* Memin, E. 5320
Perez, P. *see* Paragios, N. 56946
Perez, P. *see* Piscaglia, P. 57022
Perez, R. Electromagnetic induced timing defects in the synthetic aperture radar of the Magellan spacecraft 48193
Perez, R., Albareda, A. Analysis of nonlinear effects in a piezoelectric resonator 32777
Perez, R. *see* Albareda, A. 55002
Perez, R. *see* Wenger, H. 50826
Perez, R. *see* Weon Sam Chung 10362
Perez, S. *see* Lopez-Eguilaz, M.J. 52073
Perez, S. *see* Vaquero, J.J. 37711
Perez, S.De Jong *see* De Jong Perez, S.
Perez, W.H. *see* Hong Lin 23796
Perez Amaral, T. *see* Garin Munoz, T. 26063
Perez de la Blanca, N. *see* Cortijo, F.J. 15542
Perez Hidalgo, F. *see* Enright, W. 8862
Perez Ramirez, A.S., Caso, A., Giancarli, L., le Bars, N., Chaumat, G., Salavy, J.F., Szczepanski, J. Tauro: a ceramic composite structural material self-cooled Pb-17Li breeder blanket concept 52848
Perez Santos, S. *see* Gutierrez Conde, P.M. 1645
Perez Santos, S. *see* Herrero Martin, P. 2562
Perez-Aloe, R., Duque-Carrillo, J.F., Sanchez-Sinencio, E., Valverde, J.M., Torelli, G., Reyes, A.H., Maloberti, F. Programmable time-multiplexed switched-capacitor variable equalizer for arbitrary frequency response realizations 21799
Perez-Alvarez, I.A., Paez-Borrallo, J.B., Zazo-Bello, S. A differential error reference adaptive echo canceller for multilevel PAM line codes 16462
Perez-Alvarez, R. *see* Gaggero-Sager, L.M. 2154
Perez-Amor, M. *see* Chiussi, S. 900
Perez-Amor, M. *see* Dorrio, B.V. 17766
Perez-Amor, M. *see* Redondas, X. 2075
Perez-Arriaga, I.J., Meseguer, C. Wholesale marginal prices in competitive generation markets 60297
Perez-Camacho, J.J. *see* Weldon, V. 36747
Perez-Casero, R. *see* Perez-Rigueiro, J. 42650
Perez-Casero, R. *see* Perez-Rigueiro, J. 54575
Perez-Castellanos, M. *see* Gonzalo, C. 36452
Perez-Garcia, V.M. *see* Tang, Y.-F. 30637
Perez-Grovas, A.S. The Large Millimeter Telescope (LMT) 36293
Perez-Lopez, C. *see* Fernandez, A. 55943
Perez-Martinez, F. *see* Gentili, G.G. 45454
Perez-Mendez, V. *see* Cho, H.S. 59263
Perez-Mendez, V. *see* Hong, W.S. 59294
Perez-Munuzuri, V. *see* Lorenzo, M.N. 1173
Perez-Munuzuri, V. *see* Matias, M.A. 21518
Perez-Munuzuri, V. *see* Munuzuri, A.P. 21472
Perez-Neira, A., Lagunas, M.A. High performance DOA trackers derived from parallel low resolution detectors 4685
Perez-Poch, A., Velasco, J., Carrabina, J., Millan, M.S. Cheap and reconfigurable PC-board for real-time optical applications using liquid crystal displays 3482
Perez-Quintana, I. *see* Hernandez, L. 39043
Perez-Rigueiro, J., Jimenez, C., Perez-Casero, R., Martinez-Duart, J.M. Silicidation process of Ti/TiN_x/Si structures 42650
Perez-Rigueiro, J., Jimenez, C., Perez-Casero, R., Martinez-Duart, J.M. Nonlinear analysis of the I-V characteristics in Ti/Si and $TiSi_2$/Si Schottky diodes 54575
Perez-Rodriguez, A., Romano-Rodriquez, A., Cabezas, R., Morante, J.R., Jawhari, T., Hunt, C.E. Effect of stress and composition on the Raman spectra of etch-stop SiGeB layers 2081
Perez-Rodriguez, A., Romano-Rodriguez, A., Serre, C., Calvo-Barrio, L., Cabezas, R., Gonzalez-Varona, O., Morante, J.R., Koegler, R., Skorupa, W., Rodriguez, A. High temperature high dose C ion implantation in epitaxial SiGe 32120
Perez-Rodriguez, A., Romano-Rodriguez, A., Serre, C., Calvo-Barrio, L., Cabezas, R., Morante, J.R., Calderer, J., Reuther, H., Skorupa, W. Ion beam synthesis and recrystallization of amorphous SiGe/SiC structures 31936
Perez-Rodriguez, A. *see* Serre, C. 12688
Perez-Salas, R. *see* Munoz, J.A. 44215
Perez-Turiel, J., Fraile-Marinero, J.C., Peran-Gonzalez, J.R. CSMA/PDCR: a random access protocol without priority inversion 47058
Perez-Uribe, A., Sanchez, E. FPGA implementation of an adaptable-size neural network 11630
Perez-Uribe, A., Sanchez, E. Speeding-up adaptive heuristic critic learning with FPGA-based unsupervised clustering 53491
Perez-Vasquez, G. *see* del-Valle-Jeldres, J. 8769
Perez-Villar, V. *see* Lorenzo, M.N. 1173
Perez-Villar, V. *see* Matias, M.A. 21518
Perez-Villar, V. *see* Munuzuri, A.P. 21472
Perfecto, E.D., McEntee, K., Lidestri, K., Longworth, H., Wassick, T., Pennacchia, J., Ellsworth, M., Merryman, A. MCM-D/C application for a high performance module 301
Perfecto, E.D. *see* Ellsworth, M.J., Jr. 206
Perfeti, P. *see* Larciprete, R. 58895
Perfetti, P. *see* Colluzza, C. 12518
Perfetto, A. *see* Attaianese, C. 9607
Perfetto, A. *see* Attaianese, C. 20142
Perfetto, A. *see* Attaianese, C. 51712
Perfetto, A. *see* Attaianese, C. 51731
Perfetto, A. *see* Attaianese, C. 61174
Perfetto, A. *see* Attainnese, C. 19187
Perfetto, A. *see* Del Pizzo, A. 61134
Perfiliev, Yu.P. Recovering of atmospheric water vapor and liquid water contents by multifrequency radiometer: experiments and modeling 8446
Pergament, M.I. *see* Bugrov, A.E. 55760
Pergande, A., Dean, D., O'Donnell, D. Passive millimeter wave imaging 17513
Pergola, A. *see* de Notaristefani, F. 28228
Pergoot, A. *see* Bastos, J. 43316
Pergoot, A. *see* Bastos, J. 54806
Periale, F. *see* De Marchi, A. 17190
Periard, R. *see* Jefferies, W. 18788
Periasamy, A., Wodnicki, P., Wang, X.F., Seongwook Kwon, Gordon, G.W., Herman, B. Time-resolved fluorescence lifetime imaging microscopy using a picosecond pulsed tunable dye laser system 7925
Periasamy, P., Ramesh Babu, B., Venkatakrishna Iyer, S. Performance characterization of sintered iron electrodes in nickel/iron alkaline batteries 29530
Periasmy, P., Ramesh Babu, B., Venkatakrishna Iyer, S. Electrochemical behaviour of Teflon-bonded iron oxide electrodes in alkaline solutions 29570
Periaswami, G. *see* Jayaraman, V. 27759
Periaswamy, S. *see* Fernandez, G. 25689
Peric, B. *see* Anic, I. 37856
Peric, N., Marijan, S., Kajari, M. Microprocessor-based control system for the control of electrical machines and processes 50922
Perich, J.P. *see* Solomon, S.C. 60062
Perichaud, I., Dour, G., Pillin, B., Durand, F., Sarti, D., Martinuzzi, S. Microstructure and electrical properties of some multicrystalline silicon billets continuously cast in a cold crucible 10671
Perichaud, I., Simon, J.J. Influence of a preliminary phosphorus diffusion on the evaluation of the recombination strength of dislocations in Czochralski silicon wafers 22194
Perichaud, I., Simon, J.J., Martinuzzi, S. LBIC investigation of impurity-dislocation interaction in FZ silicon wafers 31774
Perichaud, I. *see* Martinuzzi, S. 39018
Perichaud, I. *see* Porre, O. 39021
Perichon, R.A. *see* Le Normand, J.-P. 53538
Perier, L., Reichmeyer, H., Rossi, D. Communication in automobiles: CAN interface circuits for multiple applications in automobile electronics 61300
Perin, A.J. *see* Alves, J.A. 39375
Perin, D. *see* Pigini, A. 8923

Perina, J. *see* Haderka, O. 24185
Perina, J. *see* Korolkova, N. 44698
Perina, V. *see* Hradilova, J. 3430
Perini, U. *see* Masciadri, E. 14446
Perinic, G., Scherber, W., Schulz, K. A portable instrument for measuring emissivities [of cryocomponents] 48535
Perino, J.S., Woodward, S.L., Wiesenfeld, J.M. Wavelength conversion of 60-channel QPSK data using cross-gain compression in a semiconductor optical amplifier 36088
Periyannan, A. *see* Lin, M. 46577
Perkavec, M.A. Modification of the standard combustion chamber system of a 10 MW gas turbine into a dry low-NO_x system 50791
Perkins, B.K., Iravani, M.R. Novel calculation of HVDC converter harmonics by linearization in the time-domain 50524
Perkins, C., Crowcroft, J. Real-time audio and video transmission of IEEE GLOBECOM '96 over the Internet 58011
Perkins, C. *see* Heifets, S. 49221
Perkins, C.A. *see* Ingersoll, J.G. 51593
Perkins, C.E., Harjono, H. Resource discovery protocol for mobile computing 47014
Perkins, D.H. *see* Allison, W.W.M. 37269
Perkins, F.K. *see* Dobisz, E.A. 22734
Perkins, F.K. *see* Marrian, C.R.K. 22706
Perkins, F.K. *see* Peckerar, M. 22709
Perkins, J. *see* Allwood, D.A. 4170
Perkins, L.T. *see* Celata, C.M. 60027
Perkins, L.T. *see* Lee, Y. 22717
Perkins, L.T. *see* Lee, Y. 49297
Perkins, L.T. *see* Lee, Y. 49306
Perkins, L.T. *see* Lee, Y. 49309
Perkins, M.C.J. *see* Watton, R. 36658
Perkins, N.R., Horton, M.N., Bandic, Z.Z., McGill, T.C., Kuech, T.F. Halide vapor phase epitaxy of gallium nitride films on sapphire and silicon substrates 21278
Perkins, N.R. *see* Edwards, N.V. 41982
Perkins, N.R. *see* Ingerly, D.B. 21330
Perkins, N.R. *see* Jutong Liu 10679
Perkins, N.R. *see* Kuech, T.F. 10763
Perkins, N.R. *see* Liu, Q.Z. 40305
Perkins, N.R. *see* Liu, Q.Z. 42250
Perkins, R.T. *see* Lund, M.W. 37496
Perkins, S. Codes with a disparity property 56296
Perkins, S.J., Mutka, M.W. Characteristics of low-bandwidth conversations 6181
Perkins, T. *see* Noll, T.E. 45465
Perkov, M., Sakic, Z. Electronic device for measurement and protection of modified locomotives for supply voltage 3 kV series HZ 1061 29764
Perkovac, M. *see* Zdenkovic, J. 61184
Perkovic, O., Sethna, J.P. Improved magnetic information storage using return-point memory 32850
Perkowski, M. *see* Sapiecha, P. 53248
Perlado, J.M., Minguez, E., Sanz, J., Piera, M. EURAC: a liquid target neutron spallation source using cyclotron technology 7758
Perlicki, K. Optical fiber submarine communication networks 26904
Perlin, P., Knap, W., Camassel, J., Polian, A., Chervin, J.C., Suski, T., Grzegory, I., Porowski, S. Metal-insulator transition in GaN crystals 22236
Perlin, P. *see* Akimova, I.V. 23891
Perlin, P. *see* Eliseev, P.G. 55462
Perlin, P. *see* Osinski, M. 23705
Perlin, P. *see* Suski, T. 21220
Perlin, P. *see* Zeller, J. 13886
Perlman, B.S. *see* Rhodes, D.L. 53575
Perlmutter, J.S. *see* Black, K.J. 7939
Perlmutter, K.O., Chaddha, N., Buckheit, J.B., Gray, R.M., Olshen, R.A. Text segmentation in mixed-mode images using classification trees and transform tree-structured vector quantization 25412
Perlmutter, K.O., Won Tchoi, Perlmutter, S.M., Cosman, P.C. Wavelet/TSVQ image coding with segmentation 8039
Perlmutter, K.O. *see* Gray, R.M. 8038
Perlmutter, K.O. *see* Perlmutter, S.M. 5556
Perlmutter, S. *see* Holland, S.E. 48685
Perlmutter, S.H. *see* O'Callaghan, M.J. 34998
Perlmutter, S.M., Perlmutter, K.O., Cosman, P.C. Vector quantization with zerotree significance map for wavelet image coding 5556
Perlmutter, S.M. *see* Gray, R.M. 8038
Perlmutter, S.M. *see* Perlmutter, K.O. 8039
Perloff, J.M. *see* Ise, S.J. 58532
Perlovsky, L.I., Schoendorf, W.H., Burdick, B.J., Tye, D.M. Model-based neural network for target detection in SAR images 27069
Perlow, R.B. Microwave video distribution: 28- and 42-GHz 6491
Perman, W.H., Heiberg, E.V., Herrmann, V.M. Half-Fourier, three-dimensional technique for dynamic contract-enhanced MR imaging of both breasts and axillae: initial characterization of breast lesions 7928
Pern, F.J., Eisgruber, I.L., Micheels, R.H. Spectroscopic, scanning laser OBIC and I-V/QE characterizations of browned EVA solar cells 39165
Pern, F.J., Glick, S.H. Thermal processing of EVA encapsulants and effects of formulation additives [for solar cells] 39164
Pern, F.J. *see* Czanderna, A.W. 39160
Perna, G. *see* Ambrico, M. 10865
Perna, G. *see* Ambrico, M. 21359
Perna, G. *see* Capozzi, V. 12401
Perna, G. *see* Cicala, G. 861
Perna, G. *see* Giardini, A. 903
Pernambuco-Wise, P., Gilmore, P., Eyssa, Y. Optimization algorithms for pulse magnet design at the NHMFL 4209
Pernambuco-Wise, P. *see* Edgecumbe Summers, T.S. 52836
Pernas, F.J.D. *see* Garcia-Bermejo, J.G. 56721
Perneel, C., Acheroy, M. Decision making in uncertain environment with GA 21047
Pernegger, H. *see* Adam, W. 37221
Pernegger, H. *see* Bauer, C. 37326
Pernegger, H. *see* Bauer, C. 37378
Pernel, D. *see* Cavazza, M. 57994
Perner, P., Belikova, T.B., Yashunskaya, N.I. Knowledge acquisition by symbolic decision tree induction for interpretation of digital images in radiology 18306
Perner, P., Wang, P., Rosenfeld, A. *(editors)* Advances in Structural and Syntactical Pattern Recognition. 6th International Workshop, SSPR '96 Proceedings 9833
Pernet, M. *see* Wenk, H.-R. 32892
Perng, J.T. *see* Yang, C.R. 29537
Pernia, A.M., Lopera, J.M., Prieto, M.J., Nuno, F. Novel PWM control for quasi-resonant and multi-resonant converters with isolation transformer 51319
Pernic, J. *see* Paradie, M.J. 60149
Pernice, M. *see* Boursseau, S. 10970
Pernick, A., Orion, I., Ilzycer, D., Zafrir, H. Applications of a self-collimating BGO detector system to radiological emergency response 37473
Pernicka, M. *see* Adam, W. 37221
Pernicka, M. *see* Bauer, C. 37326
Pernicka, M. *see* Bauer, C. 37378
Perntz, C.-G. *see* Molnar, S. 35812
Pernus, F. *see* Klemencic, A. 7877
Pernyeozy, J., Walters, M., Hartlove, J., Ihra, R. Optocouplers in motor regulators and inverters 29703
Pero, R.Del *see* Del Pero, R.
Perold, W. *see* Jeffery, M. 3280
Perold, W.J., Jeffery, M., Zuoqin Wang, Van Duzer, T. Complementary output switching logic–a new superconducting voltage-state logic family 13503
Perold, W.J. *see* Van Zyl, R.R. 12863
Perona, G. *see* Leone, A. 8438
Perona, M. *see* Cigolini, R. 39717
Perona, M. *see* Croci, F. 39747
Perona, P. *see* Munich, M.E. 57116
Perona, P. *see* Soatto, S. 15702
Perone, S.P. *see* Young, R.E. 29541
Peroni, M. *see* Fumi, F. 54820
Peroni, M. *see* Nava, F. 59280
Perosanz, F., Marty, J.C., Balmino, G. Dynamic orbit determination and gravity field model improvement from GPS, DORIS and Laser measurements on TOPEX/POSEIDON satellite 50027
Perotin, M. *see* Rotelli, B. 32357
Perov, I.V. Equipment for investigating the secondary electron emission of effective emitter materials 27775
Perov, P.I. *see* Polyakov, V.I. 54268
Perovic, D.D. *see* Lafontaine, H. 723
Perovic, N.L. *see* Vukovic, G.S. 7116
Perovich, D.K. *see* Nghiem, S.V. 38078
Perovich, D.K. *see* Nghiem, S.V. 60077
Perrakis, K. *see* Contaxis, G.C. 8765
Perrard, C. *see* Magerand, E. 50716
Perras, Y. *see* Nguyen, K.B. 32401
Perreal, Y. *see* Fortin, M. 12855
Perreault, D.J., Kassakian, J.G. Analysis and control of a cellular converter system with stochastic ripple cancellation and minimal magnetics 29401
Perreault, D.J., Verghese, G.C. Time-varying effects and averaging issues in models for current-mode control 60927
Perreault, D.J. *see* Stankovic, A.M. 11185
Perreault, E.J. *see* Kirsch, R.F. 18216
Perreault, J. *see* Bifano, T.G. 54855
Perregrini, L. *see* Arcioni, P. 11654
Perregrini, L. *see* Arcioni, P. 40245
Perregrini, L. *see* Zobov, M. 49224
Perret, A. *see* Duret, D. 8292
Perret, P., Zinssner, V. Defect analysis and classification in process control using a SEM and EDX review station 52295
Perret, R. *see* Farjah, E. 40891
Perret, R. *see* Merienne, F. 9350
Perret, S., Duda, A. MAP: mobile assistant programming for large scale communication networks 6124
Perret, S. *see* Duda, A. 6239
Perret-Gallix, D. *see* Avrillon, S. 59250
Perri, A.G. *see* Castagnolo, B. 2706
Perri, A.G. *see* Castagnolo, B. 2707
Perri, A.G. *see* Giorgio, A. 6745
Perri, A.G. *see* Giorgio, A. 54691
Perri, S. *see* Marini, M.E. 58765
Perrier, F. *see* Cesarsky, C.J. 36548
Perrier, P.A., Sotom, M., Jourdan, A., Berthelon, L. Optical crossconnect systems and technologies for the WDM transport network 58331
Perrier, P.A. *see* Bathelon, L. 36147
Perriere, J. *see* Cervera, M. 12618
Perrin, A. *see* Castel, X. 24565
Perrin, B., Donadio, R. Satellite full mesh ATM LAN: interconnection, satellite access scheme, signaling and performance 26198
Perrin, B. *see* Nouchi, P. 13598
Perrin, G. *see* Acher, O. 3091
Perrin, G. *see* Suran, G. 3087
Perrin, H. *see* Calatroni, J. 7649
Perrin, H. *see* Tabbara, W. 20547
Perrin, J. *see* Etemadi, R. 30917
Perrin, J. *see* Middya, A.R. 10913
Perrin, J.C. EMI contribution of the drive current and output phase lag in CMOS gate oscillator 43285
Perrin, S., Redarce, T. CCD camera modeling and simulation 17548
Perrin, S.D. *see* Kelly, A.E. 44496
Perrin, S.D. *see* Okai, M. 23947
Perrino, C. *see* van Scyoc, J.M. 37305
Perrino, N. *see* Meneghesso, G. 2703
Perrino, R., Cisbani, E., De Leo, R., Frullani, S., Garibaldi, F., Iodice, M., Lagamba, L., Leone, A., Nappi, E., Scognetti, T., Urciuoli, G. Timing measurements in long rods of BC408 scintillators with small cross-sectional sizes 37264
Perrino, R. *see* Lolos, G.J. 59197
Perris, A., Pateras, K., Rizopoulos, D., Skourlas, C., Maris, T. A CD-ROM prototype of a multimedia-based interactive tool and guide, to perform quality control tests for the computed tomography scanners 8025
Perrissin-Fabert, I. *see* Saint-Pierre, N. 13249
Perron, L., Lacaita, A.L., Pacelli, A., Bez, R. Electron mobility in ULSI MOSFETs: effect of interface traps and oxide nitridation 54817
Perron, L. *see* Villa, S. 43022
Perrone, A. *see* D'Anna, E. 901
Perrone, D. *see* Deligiannis, F. 18724
Perrone, D. *see* Ratnakumar, B.V. 18718
Perrone, D.E., Klekotka, M., Di Stefano, S. The effect of cell design and storage conditions on the cycle life performance silver-zinc cells 18726
Perrone, G., Sartori, F., Balsamo, S., Montrosset, I. Analysis of high-power semiconductor laser amplifiers in pulsed regime 3837
Perrone, G. *see* Balsamo, S. 24023
Perrone, M.R., Piccinno, V. On the benefits of astigmatic focusing configurations in stimulated Raman scattering processes 14370
Perrone, M.R. *see* De Santis, P. 23736
Perrone, M.R. *see* Giuri, C. 44330
Perros, H.G., Elsayed, K.M. Call admission control schemes: a review 5761
Perros, H.G. *see* Kim, B. 25964
Perros, H.G. *see* Kim, B. 46749
Perroton, L. A new 26-connected objects surface tracking algorithm and its related PRAM version 4969
Perrott, D.R., Cisneros, J., McKinley, R.L., D'Angelo, W.R. Aurally aided visual search under virtual and free-field listening conditions 49879
Perroud, L. *see* Ulmer, L. 40649
Perruchoud, P.J.P., Pinewski, P.J. Power losses for space vector modulation techniques 29416
Perry, D., Roberts, G.W. The design of log-domain filters based on the operational simulation of LC ladders 11556
Perry, D. *see* Karimy, H. 10889
Perry, D. *see* Namavar, F. 40417
Perry, D. *see* Rotondaro, A.L.P. 42479
Perry, E., Ramanathan, S. Network management for residential broadband interactive data services 5966
Perry, J.S. *see* Taylor, S.J.G. 37877
Perry, J.W., Mansour, K., Lee, I.-Y.S., Wu, X.-L., Bedworth, P.V., Chen, C.-T., Ng, D., Marder, S.R., Miles, P., Wada, T., Tian, M., Sasabe, H. Organic optical limiter with a strong nonlinear absorptive response 14408
Perry, K. *see* Gelatos, A.V. 54511
Perry, K.E., Jr., Epstein, J.S., Clark, D.E. Phase shift moire studies of processing-induced residual strains in Nickel 200 spot welds 21404
Perry, M. *see* Fjelstad, J. 20896
Perry, M. *see* Solarz, R. 55954
Perry, M.D., Stuart, B.C., Tietbohl, G., Miller, J., Britten, J.A., Boyd, R., Everett, M., Herman, S., Nguyen, H., Powell, H.T., Shore, B.W. The petawatt laser and its application to inertial confinement fusion 14509
Perry, M.D. *see* Everett, M.J. 7645
Perry, M.D. *see* Nguyen, H.T. 33598
Perry, M.D. *see* Stuart, B.C. 44427
Perry, M.D. *see* Zweiback, J. 14077
Perry, M.J., Littlefair, P.J. Lighting and visual ergonomics for the display screen environment 58916
Perry, R.M., Dunn, J.M. Line characterization and resonance mitigation in ceramic packages 39810
Perry, S.W., Ling Guan Image restoration using a neural network with an adaptive constraint factor 57127
Perry, S.W. *see* Guan, L. 25565
Perry, T.S. Consumer electronics 27147
Perry, W.G., Zheleva, T., Bremser, M.D., Davis, R.F., Shan, W., Song, J.J. Correlation of biaxial strains, bound exciton energies, and defect microstructures in GaN films grown on AlN/6H-SiC(0001) substrates 54090
Perry, W.G. *see* Davis, R.F. 30828
Perryman, R. *see* Herbert, M.S. 20120

Perryman, R. *see* Mhango, L.M.C. 19763
Pers, N.M.Van Der *see* Van Der Pers, N.M.
Persad, C. Solid armature performance: a progress review 1980-1990 24410
Persad, C., Prabhu, G., White, G., Yeoh, A., Eliezer, Z. Characterization of hypervelocity gouge craters in rail conductors 33875
Persad, C., Yeoh, A., Prabhu, G., White, G., Eliezer, Z. On the nature of the armature-rail interface: liquid metal effects 24411
Persad, C. *see* Yeoh, A. 33877
Persans, P.D. *see* Hyun Shik Kang 40495
Persaud, K.C., Khaffaf, S.M., Payne, J.S., Pisanelli, A.M., Dong-Hyun Lee, Hyung-Gi Byun Sensor array techniques for mimicking the mammalian olfactory system 36751
Persaud, K.C., Payne, P.A., Khaffaf, S.M., Dowdeswell, R.M., Hobbs, P.J., Misselbrook, T.H., Sneath, R.W. Application of conducting polymer odour sensing arrays to malodour monitoring 27746
Persaud, K.C. *see* Hyung Gi Byun 58878
Persaud, S. *see* Soliman, S.A. 19258
Persaud, S. *see* Soliman, S.A. 50483
Persch, V. *see* Solt, K. 17363
Persch, V. *see* Stietz, F. 42550
Persechini, D. *see* Ng, W. 58358
Pershenkov, V.S., Cherepko, S.V., Sogoyan, A.V., Belyakov, V.V., Ulimov, V.N., Abramov, V.V., Shalnov, A.V., Rusanovsky, V.I. Proposed two-level Acceptor-Donor (AD) center and the nature of switching traps in irradiated MOS structures 22471
Pershenkov, V.S. *see* Emelianov, V.V. 22843
Pershenkov, V.S. *see* Shvetzov-Shilovsky, I.N. 22997
Pershin, V.I. *see* Andreev, V.A. 37025
Pershin, V.I. *see* Kolomiets, A.A. 49028
Pershing, D.E. *see* Freund, H.P. 1943
Pershukevich, P.P. *see* Filippov, V.V. 1981
Persi, P. *see* Cesarsky, C.J. 36548
Persiano, G.V., Bellone, S. Test structure design for the evaluation of carrier-carrier scattering effect on hole and electron mobilities 58975
Persiano, G.V., Strollo, A.G.M., Spirito, P. The influence of the epitaxial doping on the turn-on losses in power bipolar-mode FET (BMFET) 40889
Persiano, G.V., Strollo, A.G.M., Spirito, P., Patti, A., Sapienza, S. Small-geometry power BJT: numerical analysis and experimental results 40888
Persiano, G.V. *see* Bellone, S. 41878
Persiano, P. *see* Kaklamanis, C. 16134
Persic, B. Harmonic balance application on relaxation oscillator 11212
Persic, B., Medic, I. Extracting frequency of an autonomous system by harmonic balance 53007
Perskii, N.E., Bretskih, A.F. Frequent vacuum commutator 22133
Persliden, J., Carlsson, G.A. Scatter rejection by air gaps in diagnostic radiology. Calculations using a Monte Carlo collision density method and consideration of molecular interference in coherent scattering 37755
Persliden, J. *see* Larsson, J.P. 8213
Persliden, J. *see* Soderbrrg, J. 18566
Persoons, A. *see* Kodaira, T. 33629
Persoons, A. *see* Maki, J.J. 44721
Persoons, A. *see* Matsuda, N. 14388
Persov, B.Z. *see* Karliner, M.M. 17956
Persson, A. *see* Siruktkaitis, V. 44410
Persson, B.R.R. *see* Wirestam, R. 59493
Persson, E. *see* Edelman, P. 44916
Persson, H.W. *see* Jansson, T. 49558
Persson, J. *see* Palacz, M. 37539
Persson, J.-O. *see* Lindroth, A. 8856
Persson, J.-O. *see* Lindroth, A. 8857
Persson, M. *see* Dale, S. 59466
Persson, M. *see* Reimann, S.M. 2037
Persson, U. Measurement of surface roughness using infrared scattering 17763
Pert, G.J. *see* Behjat, A. 23738
Pert, G.J. *see* Cairns, G.F. 13960
Pert, G.J. *see* Healy, S.B. 3703
Pert, H. *see* Becks, K.H. 59228
Perthame, B. *see* Bouchut, F. 10556
Pertsev, A.A., Rylskaya, L.A. High voltage discharge at the vacuum interrupter shield 29465
Pertsev, A.A. *see* Chulkov, V.V. 29459
Pertsev, A.A. *see* Nevrovsky, V.A. 23186
Pertsev, N.A., Zembilgotov, A.G. Domain populations in epitaxial ferroelectric thin films: Theoretical calculations and comparison with experiment 2952
Pertusa, C., Astier, S., Lefevre, Y., Lajoie-Mazenc, M. Design of electrical machines aided by field calculation and factorial experiments method 50881
Perunov, Yu.M. *see* Georgievskii, A.M. 31513
Perusse, M.R. *see* Simonich, P.J. 39618
Peruzotti, F. *see* Mazzanti, G. 13284
Peruzzi, I. *see* Paolucci, P. 37242
Peruzzotti, F., Zaopo, A., Mazzanti, G., Montanari, G.C., Ghinello, I. Electric strength measurements for quality control of EPR compound for high voltage cables 50584
Pervak, Yu.A., Fekeshgazi, I.V. Polarizing beam splitters on the base of two-component unequal thickness multilayer dielectric coatings 13784
Pervan, B.S. *see* Cohen, C.E. 60003
Pervov, L.S. *see* Afonin, A.G. 37086
Pervov, L.S. *see* Aleksandrov, K.V. 17352
Perz, J. A novel active filter approach with the DSP control application 9389
Pes, C. *see* Lottin, J.C. 49316
Pesant, J.-C. *see* Fawaz, H. 54822
Pesant, J.C. *see* Thiery, J.F. 54352
Pesavento, G. *see* Garnacho, F. 50672
Pescatore, J. Secure use of the World Wide Web: keeping browsers and servers from getting snared 47038
Pesce, A., Aoki, J., Hada, T., Nemoto, N., Akutsu, T., Matsuda, S., Igarashi, T., Baba, S. Comparison of beam blanking SEM and heavy ion SEU tests on NASDA's 64 kbit SRAMs 21694
Peschel, T., Muschall, R., Lederer, F. Power-controlled beam steering in nonequidistant arrays of nonlinear waveguides 44017
Peschel, T. *see* Peschel, U. 13766
Peschel, U., Etrich, C., Lederer, F. Instabilities in resonators filled with χ_2-materials 55856
Peschel, U., Peschel, T., Lederer, F. Binary processing by spatially solitary wave steering in 2-D planar resonator structures 13766
Peschel, U. *see* Bartuch, U. 23531
Peschel, U. *see* Shipulin, A. 47961
Peschiulli, P. *see* Parise, G. 19410
Peschke, C. *see* Glock, H.-W. 49179
Peschke, C. *see* Muller, W.F.O. 49178
Peschke, E.F., Kammel, G., Keiling, C. Cross-linked polyethylene--the unparalleled cable insulating material 50580
Peschke, J. *see* Gelatos, A.V. 54511
Pescia, D. *see* Paglino, C. 7337
Pescosolido, N., Lupelli, L., Mannu, C. First experience with a new therapeutic contact lens following holmium laser sclerostomy 28409
Pesel, E. *see* Warnecke, P. 17172
Peshock, R.M. *see* Chwialkowski, M.P. 18308
Peskin, A., Andrews, B., Dowd, B., Jones, K., Siddons, P. Microtomography with 3-D visualization 35121
Peskin, B., Connolly, S., Gillick, L., Lowe, S., McAllaster, D., Nagesha, V., van Mulbregt, P., Wegmann, S. Improvements in switchboard recognition and topic identification 14921
Peskin, B. *see* Wegmann, S. 14930
Peskin, R.L. Cyberdog and OpenDoc: component software for the Net 35758
Peskov, V. *see* Amos, N. 37445
Peskov, V. *see* Crotty, I. 59276
Peskov, V. *see* Ramsey, B.D. 59264
Pesquera, L. *see* Revuelta, J. 14268
Pesquera, L. *see* Valle, A. 23928
Pesquera, L. *see* Valle, A. 55689
Pesquet, J.-C., Krim, H., Leporini, D., Hamman, E. Bayesian approach to best basis selection 24950
Pesquet, J.-C. *see* Combettes, P.L. 34949
Pesquet, J.-C. *see* Hampson, F.J. 15909
Pesquet, J.-C. *see* Hampson, F.J. 56733
Pesquet, J.-C. *see* Moreau, E. 56516
Pesquet, J.-C. *see* Pesu, L. 37764
Pesquet, J.C. *see* Brooks, D.H. 28344
Pessa, M. *see* Lammasniemi, J. 38984
Pessa, M. *see* Savolainen, P. 14120
Pessa, M. *see* Toivonen, M. 14190
Pessa, M. *see* Zhang, G. 44492
Pesse, G. *see* Ginart, A. 50986
Pessina, G. *see* Alessandrello, A. 7819
Pessina, G. *see* Alessandrello, A. 37480
Pessina, G. *see* Alessandrello, A. 48812
Pessina, G. *see* Alessandrello, A. 59340
Pessina, G. *see* Baschirotto, A. 32565
Pessina, G. *see* Meneghesso, G. 54711
Pessoa, L.F.C., Maragos, P. Morphological/rank neural networks and their adaptive optimal design for image processing 25747
Pessot, M.A. *see* Binun, P.W. 14044
Pesta, A.J. *see* Quine, J.P. 45196
Pesta, A.J. *see* Quine, J.P. 48856
Pestel, G.De *see* De Pestel, G.
Pestininkas, T. *see* Palenskis, V. 2257
Pestotnik, R. *see* Krizan, P. 59293
Pestov, Yu.N. *see* Badura, E. 37241
Pestrikov, D.V. Simple model with damping of the mode-coupling instability 49240
Pesu, L., Ademovic, E., Pesquet, J.-C., Helisto, P. Wavelet packet based respiratory sound classification 37764
Petasch, W. *see* Schmid, H. 42546
Petasch, W. *see* Sorli, I. 32219
Petchprapa, C.N., Haller, J.O., Schraft, S. Imaging characteristics of aggressive fibromatosis in children 7881
Petcu, M.C. *see* Zhonghai Yu 762
Petculescu, P. The appearance of conversion-propagated errors in ultrasonic measurements 31020
Petefish, W.G., Priest, E.C. High performance, organic single chip package 52214
Petegem, W.E.A.Van *see* Van Petegem, W.E.A.
Petek, H. *see* Miyake, T. 42633
Petelenz, D. *see* Liess, M. 42982
Petelenz, T. *see* Czyz, Z. 49637
Petelenz, T. *see* Sosnowski, M. 49685
Petelin, M.I. *see* Vikharev, A.L. 12125
Peter, J.M., Wallace, A.K. A development strategy for education in power electronics 53030
Peter, R.U. *see* Gottlober, P. 49554
Peter, U. *see* Liersch, G. 29011
Peter, Y.-A., Herzig, H.-P., Rochat, E., Dandliker, R., Marxer, C., de Rooji, N.F. Q-switched fiber laser using a torsional micro-mirror 44381
Peter-Contesse, L.-O., Pietrzak-David, M., Ammar, F.B., De Fornel, B. High-performance control for high-power induction machine without speed-sensor: choice and comparison of two methods 60738
Peteri, I. *see* Harsanyi, G. 28079
Peterman, S. *see* Shah, R. 42525
Petermann, K. *see* Berger, J. 17719
Petermann, K. *see* Brener, D. 47927
Petermann, K. *see* Breuer, D. 6858
Petermann, K. *see* Breuer, D. 36136
Petermann, K. *see* Fischbeck, G. 44010
Petermann, K. *see* Kindt, S. 13898
Petermann, K. *see* Koltchanov, I. 3861
Petermann, K. *see* Kostrzewa, C. 55257
Petermann, K. *see* Ludwig, R. 26782
Petermann, K. *see* Majewski, A. 44006
Petermann, K. *see* Moosburger, R. 26454
Petermann, K. *see* Moosburger, R. 44054
Petermann, K. *see* Obermann, K. 14187
Petermann, K. *see* Obermann, K. 33544
Petermann, K. *see* Obermann, K. 48021
Petermann, K. *see* Schwerdt, M. 17718
Petermann, K. *see* Schwerdt, M. 45393
Peters, A. *see* Miesner, H.-J. 37046
Peters, B.A., Rajasekharan, M. A genetic algorithm for determining facility design and configuration of single-stage flexible electronic assembly systems 163
Peters, B.A. *see* Jorge Leon, V. 52177
Peters, B.R. *see* Johnson, R.B. 28712
Peters, C. *see* Celata, C.M. 59132
Peters, C. *see* Fawley, W.M. 59154
Peters, C. *see* Kwan, J.W. 59106
Peters, C. *see* Reginato, L. 59108
Peters, C. *see* Tauschwitz, A. 59162
Peters, C. *see* Yu, S.S. 59107
Peters, D.J. *see* Carson, R.R., Jr 25235
Peters, F., Oostdijk, S. Realistic defect coverages of voltage and current tests 21557
Peters, F. *see* Babu, S.R. 49872
Peters, G. *see* Neuffer, D. 7694
Peters, H. *see* Braband, J. 39315
Peters, H.E., Owings, H.B., MacMillan, C.C., Oakley, T.W., Smith, L.R. Distribution, remote control and measurement of frequency stable, low phase noise standard signals 17186
Peters, I., Molitor, P., Weber, M. Vertical floating pins in OTC routing [VLSI layout] 54751
Peters, J. Document clustering for the improvement of language models 34684
Peters, J. The status of DESY H^--sources 37206
Peters, J., Lehmann, P., Schone, A. Measuring roughness with dichromatic speckle correlation 7651
Peters, J.W. *see* Stowell, M.H.B. 18159
Peters, K.J., Washabaugh, P.D. Application of finite-length displacement sensors to precision torque measurements of a tail rotor transmission tube 17442
Peters, L. *see* Guo, S. 1636
Peters, L.S. The virtual enterprise and the sources of technology in discontinuous innovation 9994
Peters, M., Chou, W., Lee, M.G., Mansingh, V., Beilin, S. High density thin film flexible interconnector 309
Peters, M., Lee, M.G., Takahashi, Y., Beilin, S. Thermally stable thin film tantalum pentoxide capacitor 1740
Peters, M. *see* Cosway, R.G. 30183
Peters, M. *see* Doeringer, W. 35734
Peters, M. *see* Van Burik, M. 59711
Peters, M.D. *see* Azzi, P. 37390
Peters, N., Lee, M.G., Takahashi, Y., Beilin, S. Thermally stable thin film tantalum pentoxide capacitor for MCM applications 53847
Peters, N.R. *see* Aubon, C.R. 9740
Peters, P.J.M. *see* Ochkin, V.N. 23752
Peters, P.J.M. *see* Senior, J.M. 26387
Peters, P.J.M. *see* Tskhai, S.N. 44364
Peters, P.J.M. *see* Van Deventer, M.O. 26850
Peters, R. *see* Im, J. 52212
Peters, R.-P. *see* Bauer, A. 41700
Peters, R.A., II, Nichols, J.A. Rocket plume image sequence enhancement using 3D operators 56900
Peters, R.D. *see* Vitkin, I.A. 49760
Peters, S. *see* Wakita, Y. 35782
Peters, S.D., Antoniou, A. A self-tuning NLMS adaptive filter using parallel adaptation 25004
Petersdorff, T.von *see* von Petersdorff, T.
Petersen, A. *see* Yu, R. 36181
Petersen, A.B. Diode-pumped tunable cerium UV lasers 55591
Petersen, A.B., Marshall, C.D., Quarles, G.J. High-repetition-rate Ce:LiCAF tunable UV laser 3748
Petersen, B. *see* Clay, P. 49023
Petersen, B. *see* Grygiel, G. 49016
Petersen, B.R. *see* Oler, K.S. 45974
Petersen, E. Cross section measurements and upset rate calculations 22747
Petersen, G.A. *see* Follstaedt, D.M. 12697
Petersen, G.A. *see* McHugo, S.A. 2298
Petersen, G.A. *see* Myers, S.M. 12689
Petersen, G.A. *see* Myers, S.M. 31750
Petersen, H. *see* Horster, P. 4491
Petersen, H. *see* Michels, M. 24673
Petersen, I.R. *see* Reza Moheimani, S.O. 45877
Petersen, I.R. *see* Savkin, A.V. 45831

Petersen, I.R. *see* Weining Chen 30421
Petersen, J. *see* Yamazaki, K. 20445
Petersen, J.C. *see* Jakobsen, C. 48964
Petersen, J.S., Byers, J.D., Carpio, R.A. The formation of acid diffusion wells in acid catalyzed photoresists 42835
Petersen, K. From microsensors to microinstruments 2868
Petersen, K. Biomedical applications of MEMS 49399
Petersen, K. *see* Jager, G. 60458
Petersen, K. *see* Noworolski, J.M. 12717
Petersen, K.E. *see* Noworolski, J.M. 32570
Petersen, M.J., Baune, D.A., Huggins, I.G., LaMarche, D.J. Telemedicine in Utah: the Rural Utah Telemedicine Pilot Project 28397
Petersen, P.M., Ramos, R.L., Johansen, P.M., Lindvold, L. Nonlinear self-refraction of Gaussian laser beams in silica sono-gels doped with copper tetrasulfonated phthalocyanine 14298
Petersen, P.M. *see* Dam-Hansen, C. 3308
Petersen, P.M. *see* Pedersen, H.C. 14438
Petersen, R. *see* Sadwick, L.P. 1918
Petersen, R.J., Hutchings, B.L. An assessment of the suitability of FPGA-based systems for use in digital signal processing 15230
Petersen, R.O. FED phosphors: low or high voltage? 58914
Petersen, S. Hochdrucklosungszuchtung und Defektthermodynamik von Galliumarsenid (High pressure solution growth and defect thermodynamics of gallium arsenide) 672
Peterson, A. High efficiency, dual phase 25 watt, 3.3 volt DC/DC converter 29424
Peterson, A. Dual phase regulator improves performance of low voltage computer power supplies 31084
Peterson, A. *see* Pannala, S. 45257
Peterson, A.F. *see* Crain, B.R. 45270
Peterson, A.F. *see* Graglia, R.D. 44857
Peterson, A.F. *see* Mathis, A.W. 218
Peterson, A.F. *see* Mathis, A.W. 41528
Peterson, A.F. *see* Najafabadi, R.M. 37766
Peterson, A.F. *see* Rausch, E.O. 4356
Peterson, A.F. *see* Rausch, E.O. 45463
Peterson, B., Hartnett, R.J., Fiedler, R., Nebrich, A. Frequency domain techniques for fast GPS acquisition and interference detection/rejection 48167
Peterson, B.J. *see* Wurden, G.A. 36662
Peterson, C.G. *see* Oertel, J.A. 37574
Peterson, D. *see* Hawsey, R. 3276
Peterson, D. *see* Leung, E.M.W. 60439
Peterson, D.L. *see* Bowers, R.L. 9367
Peterson, D.L. *see* Hammer, P.D. 8398
Peterson, D.M. The evolution of intelligent agents 5985
Peterson, D.M. The merging of multisource telemetry data to support over the horizon missile testing 8707
Peterson, D.M., Duensing, G.R., Fitzsimmons, J.R. MRI basics and coil design principles 59399
Peterson, D.R. Design and operation of the electrogun, an electrothermal gun for producing metal and carbon plasma jets 33871
Peterson, D.W. *see* Nguyen, L.T. 20945
Peterson, D.W. *see* Sweet, J.N. 335
Peterson, E. *see* O'Rourke, K. 59910
Peterson, E. *see* O'Rourke, R. 59943
Peterson, E.A. *see* Allison, W.W.M. 37269
Peterson, G. *see* Faltermeier, C. 52766
Peterson, G. *see* Sanford, T.W.L. 7753
Peterson, G.D. *see* Groat, J. 18624
Peterson, G.P. *see* Angirasa, D. 274
Peterson, I.R. Design considerations for an electrobalance microforce sensor 36518
Peterson, I.R. *see* Miller, L.S. 36963
Peterson, J. *see* Alesi, C. 26056
Peterson, J. *see* Alesi, C. 46818
Peterson, J.B., Athanas, P.M. Resource pools: an abstraction for configurable computing co-design 40769
Peterson, J.B., O'Connor, R.B., Athanas, P.M. Scheduling and partitioning ANSI-C programs onto multi-FPGA CCM architectures 21719
Peterson, J.W. *see* Kong, G.Y. 32561
Peterson, K. *see* Cho, Y. 18067
Peterson, K. *see* Gallagher, M. 32228
Peterson, K. *see* Mondal, J. 41492
Peterson, L.L. *see* Mosberger, D. 15844
Peterson, M. *see* DeFoster, S. 48361
Peterson, M. *see* Gover, J. 9794
Peterson, M. *see* Gover, J. 9949
Peterson, M.D. *see* Cohen, M.S. 6742
Peterson, M.W. *see* Arent, D.J. 2045
Peterson, P., Sharma, M.P., Gavrielides, A. Modeling of Yb:YAG tuning curves 23834
Peterson, R.N. *see* Doushkina, V.V. 8461
Peterson, T. *see* Grygiel, G. 49016
Peterson, T. *see* Horlitz, G. 49024
Peterson, T.W. *see* Roche, T.S. 10231
Peterson, W.W. A note on permutation modulation 24638
Petersons, O., Simmon, E., FitzPatrick, G.J. An active high voltage divider with 20-ppm uncertainty 29365
Peterssen, B., Ruck, H., Bartel, A. A model to determine the effects of repeated calls on the answer bid ratio and revenue 26071
Petersson, C.S. *see* Frojdh, C. 2231
Petersson, C.S. *see* Mouroux, A. 42690
Petersson, C.S. *see* Nilsson, H.-E. 9867
Petersson, S. *see* Mouroux, A. 42677
Petibon, E. *see* Martinez, E. 49350
Peticolas, L.J. *see* Diaz, D.C. 17347
Petig, H. *see* Kohl, C.-D. 50778
Petillo, P. Testing multi-branch diversity receivers 6640
Petillon, S. *see* Woggon, U. 32037
Petin, P., Coulomb, J.L., Conraux, P. High derivatives for fast sensitivity analysis in linear magnetodynamics 44865
Petit, A. *see* Cordier, C. 39924
Petit, E. *see* Bouaoune, Y. 59519
Petit, E. *see* Loum, G. 35360
Petit, F. *see* Etienne, B. 810
Petit, G., Moussay, P., Thomas, C. GPS time transfer using carrier-phase and P-code measurements 27372
Petit, G., Thomas, C. GPS frequency transfer using carrier phase measurements 26662
Petit, G., Wolf, P. Computation of the relativistic frequency shift of a frequency standard 27224
Petit, J.-M. *see* Bury, P. 37542
Petit, L., Lebrun, L., Briot, R., Gonnard, P. Estimation of available performances of ultrasonic motors 19780
Petit, L. *see* Claeyssen, F. 19781
Petit, L. *see* Lebrun, L. 51058
Petit, M. *see* Quemada, J. 26337
Petit, P. *see* Aucouturier, E. 27369
Petit, P. *see* Dudle, G. 48308
Petit, P. *see* Laurent, P. 27221
Petit, R. *see* Boy, J.J. 23265
Petit, R. *see* Harrer, J. 58149
Petitbon, F. *see* Kleitz, M. 38961
Petitjean, C. *see* Muehlbauer, M. 17970
Petitjean, S. The enumerative geometry of projective algebraic surfaces and the complexity of aspect graphs 25543
Petitpas, P. *see* Arisaka, K. 37460
Petitprez, E. *see* Gonzalez-Borrero, P.P. 30813
Petkie, D.T., Goyette, T.M., Bettens, R.P.A., Belov, S.P., Albert, S., Helminger, P., De Lucia, F. A fast scan submillimeter spectroscopic technique 48372
Petkov, G.P. *see* Davies, A.C. 1606
Petkov, G.P. *see* Davies, A.C. 21767
Petkov, K. *see* Danev, G. 42799
Petkov, R., Chapman, D., James, D. A comparative study of two DC/DC converter topologies for telecommunications 51276
Petkov, R., Hobson, L. Characteristics of the PWM-controlled quasi-resonant converter 51168
Petkov, V. *see* Blaskov, V. 32820
Petkovic, D. *see* Osmokrovic, P. 27505
Petkovic, P.M., Milovanovic, D.P., Litovski, V.B. Symbolic fault modelling of MOS combinational circuits 11265
Petkovsek, M. Polynomial solutions of linear operator equations 30655
Petlin, O.A., Furber, S.B. Built-in self-testing of micropipelines 53328
Peto, G., Schiller, V., Khanh, N.Q., Gyulai, J., Kanski, J. Surface regrowth of Sb ion implanted Si(100) 30747
Petorovic, R. *see* Ai, L. 47762
Petosa, A., Roscoe, D.J., Ittipiboon, A., Cuhaci, M. Antenna research at the Communications Research Centre 4378
Petosa, A. *see* Cuhaci, M. 14707
Petosa, A. *see* Ittipiboon, A. 34344
Petr, D.W. *see* Demirtjis, A. 47195
Petr, D.W. *see* Kunyan Liu 5976
Petr, D.W. *see* Qingyang Hu 5718
Petracca, S. Reciprocity theorem for coupling impedance computation in the LHC liner 17960
Petracca, S. Debye potentials, electromagnetic reciprocity and impedance boundary conditions for efficient analytic approximation of coupling impedances in complex heterogeneous accelerator pipes 49231
Petracek, J. Kerr induced limit of effective interaction length of photoinduced SHG 55199
Petraglia, A. Random capacitance ratio error effects in the frequency response of switched-capacitor filters 53406
Petraglia, A. *see* Franca, J. 31409
Petraglia, M.R. *see* Rodrigues, A.P.R. 4696
Petrak, T. *see* Tonkovic, S. 37795
Petrali, D. *see* Callegaro, L. 48951
Petranovic, D., Stankovic, S., Stankovic, L.J. Special purpose hardware for time frequency analysis 41051
Petrarca, C. *see* Egiziano, L. 8942
Petrarca, C. *see* Hoogenraad, G. 36879
Petrarca, C. *see* Lupo, G. 28923
Petras, A. *see* Christides, C. 3156
Petras, D. *see* Du, Y. 47130
Petras, K. *see* Brass, H. 40205
Petras, M. *see* Thompson, P. 31650
Petrascu, M. *see* Marinescu, L. 49280
Petrash, G.G. *see* Isaev, A.A. 3992
Petrash, G.G. *see* Zemskov, K.I. 4164
Petrashov, V., Abramenko, J.T., Koval, J.I., Aparshina, L. Nanolithography with NOVER (Negative organic vacuum e-beam resist) 42833
Petrashov, V.T. Nanofabrication using self-narrowing atomic beams 42862
Petrashov, V.T., Shaikhaidarov, R.Sh., Sosnin, I.A. Thermal effect in the phase-periodic conductance of disordered mesoscopic N/S structures 43815
Petrashov, V.T. *see* Mikhailov, G.M. 21316
Petrasso, R.D. *see* Burke, B.E. 37525
Petrasso, R.D. *see* Seguin, F.H. 37567
Petrauskas, M. *see* Juodkazis, S. 24106
Petre, D. *see* Pintilie, L. 42279
Petre, J.H. *see* Gopakumaran, B. 37829
Petre, M. *see* Hascsi, Z. 41146
Petrenko, A., Bochmann, G.V., Yao, M. On fault coverage of tests for finite state specifications 25930
Petrenko, A., Yevtushenko, N., von Bochmann, G. Fault models for testing in context 20824
Petrenko, A. *see* Mingyu Yao 16088
Petrenko, A. *see* Tan, Q.M. 7167
Petrenko, A.I. *see* Demchenko, Yu.V. 105
Petrenko, S.V. *see* Batalin, V.A. 49180
Petrescu, D. *see* Tabus, I. 56978
Petreski, B.P., Farrell, P.M., Murphy, M.M., Collins, S.F. Optical amplification on the $^3P_0 \rightarrow ^3F_2$ transition in praseodymium-doped fluorozirconate fibre 23783
Petreski, B.P. *see* Maurice, E. 58799
Petri, D. Dithered quantizing systems 4859
Petri, D. Dither signals and quantization 56530
Petri, D. *see* Bertocco, M. 11522
Petri, W. *see* Woggon, U. 32037
Petricevic, V., Bykov, A.B., Evans, J.M., Alfano, R.R. Room-temperature near-infrared tunable laser operation of Cr^{4+}:Ca_2GeO_4 3795
Petricevic, V. *see* Evans, J.M. 3753
Petrich, G.S. *see* House, J.L. 789
Petrichuk, M. *see* Simoen, E. 42992
Petrichuk, M.V. *see* Lukyanchikova, N.B. 55428
Petrick, A. *see* Kilgore, W. 6577
Petrick, N., Heang-Ping Chan, Sahiner, B., Datong Wei, Helvie, M.A., Goodsitt, M.M., Adler, D.D. Automated detection of breast masses on digital mammograms using a convolution neural network for morphological and texture classification 57540
Petrick, N. *see* Heang-Ping Chan 49523
Petrick, N. *see* Sahiner, B. 57541
Petrick, S.W. *see* Beauchamp, P.M. 36693
Petrick, S.W. *see* Beauchamp, P.M. 59963
Petrick, S.W. *see* Rodgers, D.H. 59861
Petridis, V. *see* Kehagias, A. 24998
Petridis, V. *see* Kiartzis, S. 50482
Petrie, C.J. *see* Brown, D.C. 39698
Petrie, C.S., Connelly, J.A. Modeling and simulation of oscillator-based random number generators 1187
Petrie, H., Obee, J., Blenkhorn, P., Evans, G. User-based evaluation of a system for access to computer aided software engineering (CASE) tools for blind software engineers 4601
Petrigliano, A. *see* Sartore, M. 58867
Petrigliano, R. *see* Canepa, G. 58728
Petrikov, V.D. *see* Lipovskii, A.A. 22381
Petrin, R.R. *see* Quagliano, J.R. 60087
Petrina, P., Leban, F., Schelle, C., Pappas, V., Phoenix, L. Performance of ropes subjected to trolley loads 50103
Petrini, I. *see* Muller, A. 41505
Petrini, L. *see* Huish, P. 26389
Petrinovic, D., Breovic, R. Distance measurement using a digital signal processor 59000
Petris, A. *see* Vlad, V.I. 4150
Petriu, E. *see* Lavoie, P. 57453
Petriu, E.M. *see* Costache, G.I. 45255
Petrizzelli, M. *see* Andreone, D. 27858
Petrizzelli, M. *see* Brunetti, L. 36367
Petrocco, S. *see* Foglietti, V. 58732
Petroff, J.-F. *see* Reqqass, H. 793
Petroff, P.M. *see* Ching-Hui Chen 22568
Petroff, P.M. *see* Medeiros-Ribeiro, G. 32038
Petroff, P.M. *see* Rubin, M.E. 22345
Petroff, P.M. *see* Schmidt, K.H. 42196
Petroff, P.M. *see* Varma, S. 30809
Petroff, P.M. *see* Wang, P.D. 12490
Petroff, T.E. *see* Barrow, D.A. 43486
Petroianu, A. *see* Chen, L. 19129
Petrolini, A. *see* Adam, W. 59267
Petrone, V. *see* Barbarossa, S. 34778
Petronio, C.F. *see* Chantry, P.J. 27942
Petropulu, A.P., Onal, O.B. Fractionally sampled channel estimation 34893
Petropulu, A.P., Pozidis, H. Multichannel blind equalization of colored signals 34892
Petropulu, A.P. *see* Abeyratne, U.R. 15197
Petrosian, A. Upper bounds of wavelet spectra on the class of discrete Lipschitzian signals 25063
Petrosian, A., Homan, R., Prokhorov, D., Wunsch, D. II. Classification of epileptic EEG using neural network and wavelet transform 28350
Petrosino, A. Rough fuzzy sets and unsupervised neural learning: applications in computer vision 56803
Petrosino, A. *see* Ceccarelli, M. 46336
Petrosino, A. *see* Ceccarelli, M. 57074
Petrosino, A. *see* Ceccarelli, M. 60015
Petrosky, K.J. *see* Hobart, K.D. 1714
Petrosky, K.J. *see* Potyraj, P.A. 21924
Petrosky, M. IP switching: the search for truth 57582
Petrosyan, A.I. *see* Grigoriev, Y.A. 53942
Petrosyan, O.G., Sargsyan, M.V. Analytic representation of the y-parameter in the complete method

of checking low-temperature noise generators 11678
Petrosyan, Zh.V. *see* Eganov, V.S. 7795
Petrot, F., Hommais, D., Greiner, A. A simulation environment for core based embedded systems 52948
Petrot, F. *see* Greiner, A. 13083
Petrou, A. *see* He, X.-F. 22373
Petrou, A. *see* Kioseoglou, G. 41959
Petrou, A. *see* Peck, J. 42047
Petrou, A. *see* Salib, M.S. 3523
Petrou, A. *see* Yu, W.Y. 32040
Petrou, M., Papachristou, P., Kittler, J. Error propagation analysis for edge postprocessing 57002
Petrou, M. *see* Bartl, R. 46383
Petrou, M. *see* Bosdogianni, P. 50236
Petrou, M. *see* Boukouvalas, C. 30369
Petrou, M. *see* Christmas, W.J. 15762
Petrou, M. *see* Kalviainen, H. 5417
Petrou, M. *see* Samonas, M. 59531
Petrov, A.L. *see* Gureev, D.M. 39762
Petrov, A.L. *see* Kayukov, S.V. 4162
Petrov, A.N. *see* Susova, G.M. 59858
Petrov, A.S. *see* Gvozdev, V.I. 31485
Petrov, A.V. *see* Evtikhiev, N.N. 6955
Petrov, A.V. *see* Odinokov, S.B. 5445
Petrov, D.V. Second-harmonic generation by off-axis propagation in an anisotropic optical waveguide 44672
Petrov, D.V. *see* Demenicis, L. 55847
Petrov, D.V. *see* Torner, L. 44736
Petrov, G.M. A theoretical and experimental study of a Ne-H_2 Penning recombination laser operating in a hollow cathode discharge 44361
Petrov, K.P., Curl, R.F., Tittel, F.K., Goldberg, L., Burns, W.K. Diode-pumped quasi-phase-matched cw 4.6-μm source: application to trace gas detection 18944
Petrov, M.P., Petrov, V.M., Zouboulis, I.S., Xu, L.P. Two-wave and induced three-wave mixing on a thin $Bi_{12}TiO_{20}$ hologram 24107
Petrov, M.V., Parihar, S.R., Lyon, S.A. Tunneling properties of $Al_xGa_{1-x}As$ and AlAs barriers studied by ballistic electron luminescence spectroscopy 22322
Petrov, N.I. Depolarization of light in a graded-index isotropic medium 4311
Petrov, N.I. Depolarization of radiation in a graded-index optical fiber 13579
Petrov, N.I. Rotation of the polarization vector in a graded-index optical fiber 23500
Petrov, O.F. *see* Nefedov, A.P. 48986
Petrov, P. *see* Lazarev, Y. 53986
Petrov, P. *see* Lazarev, Y. 59151
Petrov, S. *see* Smirnov, G. 18190
Petrov, V. Volumic visual perception: alternative concept 25654
Petrov, V., Griebner, U., Ehrt, D., Seeber, W. Femtosecond self mode locking of Yb:fluoride phosphate glass laser 55572
Petrov, V., Lau, B. Holographic data acquisition and display in real and quasi-real time: friendly for industrial inspections 14421
Petrov, V., Lau, B. Electronic speckle pattern interferometry with a holographically generated reference wave 44756
Petrov, V., Noack, F. Generation of tunable mid-infrared femtosecond pulses by seeded parametric amplification in KTP 4038
Petrov, V., Noack, F., Stolzenberger, R. Seeded femtosecond optical parametric amplification in the mid-infrared spectral region above 3 μm 44626
Petrov, V. *see* Lau, B. 10989
Petrov, V. *see* Lau, B. 48939
Petrov, V.A. Combined radiation and conduction heat transfer in high temperature fiber thermal insulation 59856
Petrov, V.A. *see* Dolbilov, G.V. 37044
Petrov, V.A. *see* Dozhdikov, V.S. 48981
Petrov, V.A. *see* Dozhdikov, V.S. 48982
Petrov, V.F. *see* Bezborodov, V.S. 13718
Petrov, V.I. *see* Astakhov, V.P. 13889
Petrov, V.I. *see* Baranov, A.V. 24138
Petrov, V.M. *see* Petrov, M.P. 24107
Petrov, V.V. Broad-band hypersonic acousto-optical Bragg cell 33170
Petrov, Y. *see* Kulchin, Y. 25261
Petrov, Y.S. *see* Kulchin, Y.N. 58821
Petrov, Yu. *see* Kulchin, Yu. 50005
Petrov, Yu.P. Realization of a guaranteeing control and H^∞ control on the basis of industrial regulators 61222
Petrov, Yu.S. *see* Kulchin, Y.N. 48586
Petrova, E.A. *see* Balagurov, L.A. 12136
Petrova-Koch, V. *see* Lebedev, E.A. 12187
Petrovacki, D. *see* Erdeljan, A. 47155
Petrovic, D. *see* Stajic, Z.P. 19713
Petrovic, D. *see* Stojanovic, D. 19686
Petrovic, D.S. *see* Stajic, Z.P. 19712
Petrovic, R. Transmitter timing optimization in digital simulcast networks 47522
Petrovic, Z. *see* Stankovic, L. 25039
Petrovich, T.A. *see* Borzdov, V.M. 42321
Petrovitsch, H., Irsigler, M. Electrotechnical test wagon of Osterreichische Bundesbahnen 20155
Petrovskii, V.N. *see* Shananin, R.A. 44432
Petrovskiy, V.N. *see* Naumov, N.V. 44358
Petrucci, C. *see* Bollanti, S. 3704
Petrucci, C. *see* Bollanti, S. 13937
Petruio, S. *see* Atutov, S.N. 3497
Petrukhin, A. *see* Antipov, Yu. 37233
Petrunic, M. *see* Tonkovic, S. 59610
Petrunkin, V.Yu. *see* Lvov, B.V. 1697
Petrus, P., Reed, J.H., Rappaport, T.S. Effects of directional antennas at the base station on the Doppler spectrum 47617
Petrusch, W., Weck, K.-H. Hollow insulators under DC voltages 38413
Petrusenko, I. New technique for solving of electrodynamics singular integral equations 45024
Petruszka, A., Margetitch, S. Cooperative UAV/manned helicopter operations 60130
Petrut, P. About a possibility of designing a command unit of a low capacity electronic telephone exchange with temporal switching using INTEL 8752 microcontroller 6414
Petruzzelli, V. *see* Bozzetti, M. 3411
Petruzzelli, V. *see* D'Orazio, A. 26860
Petruzzelli, V. *see* Giorgio, A. 6745
Petruzzello, J. *see* Chao, L.-L. 33559
Petry, D. *see* Krawczynski, H. 37287
Petry, F. *see* Baudis, L. 49327
Petry, R. Potted AC/DC power supply modules save space 31115
Petryakov, V.M. *see* Bugrov, A.E. 55760
Petryna, B. *see* Horng-Dar Lin 1448
Petschacher, R. *see* Zojer, B. 26386
Petsche, T., Marcantonio, A., Darken, C., Hanson, S.J., Kuhn, G.M., Santoso, I. A neural network autoassociator for induction motor failure prediction 60747
Petshina, O. *see* Akimov, D. 59257
Petta, C. *see* Randazzo, N. 37511
Petta, C. *see* Russo, G.V. 7196
Pettenati, M.C. *see* Capolino, F. 34403
Pettenkofer, C. *see* Humphreys, T.P. 41742
Pettenkofer, C. *see* Klein, A. 42060
Pettenkofer, C. *see* Loher, T. 747
Petterson, M. *see* Pulkkinen, J. 50709
Pettersson, H., Stenow, E.N.D., Cai, H., Oberg, P.A. Optical aspects of a fibre-optic sensor for respiratory rate monitoring 18323
Pettersson, H. *see* Papageorgiou, N. 20032
Pettersson, K. *see* Schett, G. 9447
Pettersson, P. *see* Bengtsson, J. 5857
Pettersson, P.O., Ahn, C.C., McGill, T.C., Croke, E.T., Hunter, A.T. Characterization of $Si/Si_{1-y}C_y$ superlattices grown by surfactant assisted molecular beam epitaxy 52621
Pettersson, S. *see* Arvidsson, K. 35788
Petti, P.L. Evaluation of a pencil-beam dose calculation technique for charged particle radiotherapy 28463
Petti, P.L. *see* Daftari, I.K. 18503
Pettiette-Hall, C. *see* Adam, R. 43827
Pettiford, C.I. *see* DeSalvo, G.C. 12761
Pettigrew, M. *see* Egolf, T. 31055
Pettigrew, R.I. *see* Siegel, J.M., Jr. 8026
Pettigrew, R.J. *see* Oshinski, J.N. 59476
Pettinella, M. *see* Garramone, S. 57207
Pettit, G.H. *see* Durkin, A.J. 7934
Pettiti, V. *see* Brida, G. 36935
Pettitt, S. *see* Evans, D.G. 7581
Petts, B. Shedding light on AOI [automatic optical inspection] 39868
Petty, D. *see* Curtis, T. 47115
Petty, M.C. *see* Barker, P.S. 27743
Petty, M.C. *see* Granito, C. 27744
Petukhov, A.G. *see* Brehmer, D.E. 12875
Petukhov, V.O. *see* Tochitsky, S.Ya. 55830
Petukhov, V.V. *see* Dan'shin, S.N. 49317
Petukhov, Y. *see* Annis, P. 59237
Petunin, A.N. Aerodynamic compensation in pressure sensors used for the measurement of flow parameters 17275
Petykiewicz, J. *see* Jeda, W. 55889
Petz, J.P. *see* Kaczer, B. 54286
Petz, M., Sawwa, R. Application of Laser Range Finder for robots navigation 7587
Petzing, J. *see* Graham, G. 48940
Petzing, J.N., Tyrer, J.R. Analysis of power ultrasonic components using shearing interferometry 7630
Petzing, J.N. *see* Tyrer, J.R. 7615
Petzold, J., Poss, H.J., Richter, J. Nanocrystalline materials–soft magnetic alloys for high-tech devices 43630
Petzold, J. *see* Asressahegn, M. 61353
Petzoldt, J. *see* Berger, G. 60919
Petzoldt, J. *see* Klotz, F. 53018
Petzoldt, R.W., Moir, R.W. Target injection and tracking for inertial fusion energy 60480
Peuchot, B. *see* Braud, P. 46293
Peupelmann, J. *see* Schmietainski, U. 23819
Peura, M., Visa, A., Kostamo, P. A new approach to land-based cloud classification 18829
Peuto, A. *see* Bettin, H. 27220
Peuzin, J.C., Mackay, K. Torsional resonances in magnetoelastic bimorphs 32790
Pevsner, A. *see* Alverson, G. 18085
Pevtsova, I.K. *see* Molodykh, E.I. 14225
Pey, K.L. *see* Lianjun Liu 32231
Peyeva, R. *see* Panajotovo, K.R. 44171
Peyghambarian, N. *see* Butty, J. 2022
Peyghambarian, N. *see* Fallahi, M. 6812
Peyghambarian, N. *see* Guerreiro, P.T. 44420
Peyghambarian, N. *see* Javidi, B. 7398
Peyghambarian, N. *see* Meerholz, K. 32973
Peyghambarian, N. *see* Murray, J.T. 14079
Peyghambarian, N. *see* Ohtsuki, T. 33442
Peyghambarian, N. *see* Ten, S. 12380
Peyghambarian, N. *see* Ten, S. 22372
Peyghambarian, N. *see* Volodin, B.L. 4103
Peyghambarian, N. *see* Volodin, B.L. 4449
Peyghambarian, N. *see* Volodin, B.L. 5540
Peyghambarian, N. *see* Volodin, B.L. 14453
Peyghambarian, N. *see* Woggon, U. 32032
Peyhambarian, N. *see* Kippelen, B. 3406
Peykov, P., Diaz, T., Juarez, H. Influence of oxide surface charge on the sine-voltage sweep C-V measurements 12574
Peymayeche, L. *see* Aniel, F. 54695
Peynsaert, J. *see* Van De Walle, R. 46266
Peyrade, J.P. *see* Ressier, L. 32025
Peyrade, J.P. *see* Ressier, L. 42233
Peyrade, J.P. *see* Ressier, L. 52683
Peyran, O. An area-optimized solution to introduce redundant arithmetic in high-level synthesis 52946
Peyraque, L., Beroual, A., Buret, F. Static electrification induced by oil flow in power transformers 19793
Peyraque, L., Beroual, A., Buret, F. Static electrification of the insulating materials used in power transformers 29373
Peyrard, C. *see* Mayere, A. 26632
Peyravian, M., Lea, C.-T. Deriving deadlock and unspecified reception free protocol converters from message mapping sets 5850
Peyravian, M., Onvural, R. Algorithm for efficient generation of link-state updates in ATM networks 35526
Peyre, H., Camassel, J., Gillin, W.P. Investigation of the effect of cationic intermixing in strained InGaAs/GaAs heterostructures: comparison with GaAs/AlGaAs 12337
Peyre, P. *see* Bcrthe, L. 14492
Peyre-Lavigne, A. *see* Benamara, M. 32105
Peyregne, R. SAR and MTI: a new synthesis for airborne SAR without using navigation system 28715
Peyrelong, M.-F. *see* Mayere, A. 26632
Peyret, O. *see* Gerstenmayer, J.L. 37351
Peyrodie, L., Desodt, A.M., Jolly, D. A method for reconstruction of an unknown real space with an ultrasonic sensor 60117
Peysson, Y., Arslanbekov, R. Measurement of the non-thermal bremsstrahlung emission between 30 and 200 keV with a high time-space resolution on the tokamak TORE SUPRA 37348
Peytavin, L. Cross-sensor resolution enhancement of hyperspectral images using wavelet decomposition 18793
Peytier, A. *see* Mertens, R. 53712
Pezard, L., Martinerie, J., Mueller-Gerking, J., Varela, F.J., Renault, B. Entropy quantification of human brain spatio-temporal dynamics 37767
Pezeshki, B., Agahi, F., Kash, J.A. A gratingless wavelength stabilized semiconductor laser 14090
Pezeshki, B., Kuchta, D.M., Welser, J.J., Kash, J.A. Resonant cavity photodetectors in silicon-on-insulator 17360
Pezeshki, B., Osinski, J.S., Zhao, H., Mathur, A., Koch, T.L. GaInP/AlGaInP 670 nm singlemode DBR laser 14104
Pezeshki, B. *see* Kash, J.A. 32173
Pezeshki-Esfahani, H., Heunis, A.J. Strong diffusion approximations for recursive stochastic algorithms 34516
Pezet, F., Rojat, G., Clerc, G. Multiresonant zero voltage switching inverter designed for a capacitor testing bench 41549
Pezoldt, J. *see* Rainova, Yu.P. 21346
Pezoldt, J. *see* Reimann, T. 42953
Pezzani, R., Quoirin, J.B. Functional integration of power devices: a new approach 40908
Pfadler, H., Kreis, U., Poppe, H., Stritter, R. Optimization of process data visualizing through the application of a new computerized information system at Neckarwesthelm 1 Community Nuclear Power Station 50712
Pfaff, K.G. *see* Neugroschel, A. 54605
Pfaffinger, A. *see* Backschat, M. 16250
Pfafrods, D. *see* Spigulis, J. 37851
Pfammatter, T. *see* Ladd, M.E. 7888
Pfammatter, T. *see* Leung, D.A. 7970
Pfann, E., Stewart, R.W. Adaptive LMS filtering with sigma delta input signals 31385
Pfannkuche, D. *see* Ulloa, S.E. 42101
Pfau, T., Ruske, G. Incremental presentation of word hypothesis graphs 34665
Pfau, T. *see* Drodofsky, U. 42860
Pfau, T. *see* Nowak, S. 42866
Pfaudler, J. Auxillary controls (interface circuits for flat screen display monitors) 27800
Pfeffer, P. Spin splitting of conduction energies in GaAs-$Ga_{0.7}Al_{0.3}As$ heterojunctions at B=0 and B≠0 due to inversion asymmetry 54154
Pfeffer, R.L. *see* Lareau, R.T. 12333
Pfeifer, P. *see* Ecke, W. 38038
Pfeifer, T., Heiliger, H.-M., Loffler, T., Ohlhoff, C., Meyer, C., Lupke, G., Roskos, H.G., Kurz, H. Optoelectronic on-chip characterization of ultrafast electric devices: Measurement techniques and applications 58968
Pfeifer, T., Loffler, T., Martini, R., Roskos, H.G., Kurz, H., Singer, M., Biebl, E.M. Spatial mapping of the near-field radiation pattern of a 7-GHz planar resonator 3445
Pfeifer, T., Mischo, H., Evertz, J., Tutsch, R. Aspheric form testing using multiple-wavelength

approaches in combination with Sub-Nyquist-techniques 3936
Pfeifer, T., Popescu-Zeletin, R. Generic conversion of communication media for supporting personal mobility 26336
Pfeifer, T., Thrum, H. Open systems link sensors and measurement applications to machine tool control units 48454
Pfeifer, T. *see* Heiliger, N.-M. 31455
Pfeifer, U. *see* Steiger, B. 58618
Pfeiffer, A., Schmidt, G. H_∞-design of an integrated controller/filter for high-precision weighing cells 36940
Pfeiffer, A.H. *see* Levert, J.V. 37815
Pfeiffer, E.R. *see* Mangum, B.W. 27206
Pfeiffer, F. *see* Bueker, H. 58862
Pfeiffer, G. *see* Corbett, F. 36262
Pfeiffer, K. *see* Biebricher, M. 23544
Pfeiffer, L., Wegscheider, W., West, K.W. Quantum wire lasers fabricated by cleaved edge overgrowth 10707
Pfeiffer, L. *see* Brener, I. 2224
Pfeiffer, L. *see* Harris, T.D. 2047
Pfeiffer, L. *see* Wiesmann, D. 14096
Pfeiffer, L.N. *see* Ashkinadze, B.M. 2176
Pfeiffer, L.N. *see* Barrettt, S.E. 2194
Pfeiffer, L.N. *see* Brener, I. 11677
Pfeiffer, L.N. *see* Chen-Esterlit, Z. 12398
Pfeiffer, L.N. *see* Harel, R. 12402
Pfeiffer, L.N. *see* Harff, N.E. 31990
Pfeiffer, L.N. *see* Kumar, R. 2147
Pfeiffer, L.N. *see* Manassen, A. 2209
Pfeiffer, L.N. *see* Pellegrini, V. 22382
Pfeiffer, L.N. *see* Plentz, F. 12498
Pfeiffer, L.N. *see* Stormer, H.L. 12470
Pfeiffer, L.N. *see* Yacoby, A. 12385
Pfeiffer, L.N. *see* Yacoby, A. 12512
Pfeiffer, M. *see* Johr, T. 24210
Pfeiffer, S., Lienhart, R., Fischer, S., Effelsberg, W. Abstracting digital movies automatically 46460
Pfeiffer, T. *see* Hengster, H. 53131
Pfeiffer, T.F. A towed, undulating CTD system 38102
Pfeiffer, U. *see* Brawn, I. 59325
Pfeiffer, W. *see* Buchalla, H. 2964
Pfeiffer, W. *see* Graf, T. 32691
Pfeiffer, W. *see* Kolev, N. 19684
Pfeil, M.C., Kenner, V.H., Popelar, C.H. Fracture toughness of filled epoxy molding compounds 251
Pfeilmaier, P. Aluminum electrolytic capacitors for industrial electronics: optimized design keeps costs on target 31543
Pfelzer, B. *see* Doerk, T. 30872
Pfender, E. *see* Bahr, D.F. 10906
Pfening, A., Begain, K., Telek, M. Determining bounds for performance parameters of an ATM multiplexer with homogeneous ON-OFF sources using Markov decision processes 35403
Pfennig, B.W. *see* Wu, Y. 23442
Pfieffer, W. *see* Ciobanu, R.C. 43571
Pfiester, J.R. *see* Hayden, J.D. 53276
Pfister, B. Why computers have so much difficulty with human speech 4617
Pfister, O., Murtz, M., Wells, J., Hollberg, L. Division by three of optical frequencies using noncritically phase-matched RTA 14385
Pfister, O. *see* Murtz, M. 48311
Pfister, W. *see* Schreiber, R. 8890
Pfitzmann, A. *see* Federrath, H. 26630
Pfitzmann, A. *see* Franz, E. 24777
Pfitzmann, B. Trials of traced traitors 24675
Pfitzmann, B. *see* Pedersen, T.P. 56268
Pfitzner, L. *see* Berger, R. 43189
Pfitzner, R. *see* Gauthier, C. 59190
Pfizenmayer, H.L. *see* York, B.R. 42795
Pflaum, A., Heuberger, A. Factory applications of wireless data links. II 26222
Pflaum, A., Heuberger, A. Wireless communication technology for production applications. 1. Fundamentals, techniques and applications 26499
Pflaum, A., Heuberger, A., Kemmerling, M. Wireless communications for production applications. III. Electromagnetic transponders 55986
Pfleger, J., Nespurek, S., Jossifov, C., Vohlidal, J. Electrical and photoelectrical properties of poly(diphenylacetylene)s 55392
Pfleger, J. *see* Wong, C.K.H. 33236
Pfleging, W., Vorckel, A., Duddek, H., Wesner, D.A., Kreutz, E.W. Excimer-laser patterning of copper in LDE (laser dry etching) 42661
Pfleging, W. *see* Weichenhain, R. 40691
Pfleiderer, C. Miniature ac susceptometers for use inside clamp type pressure cells 48839
Pfleiderer, C. *see* Burin, P.P. 1122
Pfleiderer, H.-J. *see* Rau, M. 2852
Pfleiderer, H.-J. *see* Rau, M. 6486
Pflueger, J., Nikitina, Yu.M. Planar undulator schemes with strong focusing properties for the VUV-FEL at the TESLA test facility 33582
Pfluger, R. *see* Hahne, E. 52152
Pforr, R., Mader, L. Imaging parameter optimization for advanced lithography based on STELLA 2464
Pfotenhauer, J.M. *see* Maytal, B.-Z. 32897
Pfotenhauer, J.M. *see* Suntao Yang 32951
Pfreundtner, B. *see* Winkler, M. 59142
Pfromm, P.H. *see* Carr, W.W. 33846
Pfuetzner, H. *see* Hasenzagl, A. 23315
Pfuetzner, H. *see* Hasenzagl, A. 27848
Pfuetzner, H. *see* Ilo, A. 21995
Pfuetzner, H. *see* Nussbaum, C. 23385
Pfuetzner, H. *see* Weiser, B. 23377
Pfumfel, E. With high speed in the future: ATM network card with 155 Mbit/s operation 6349
Pfund, I. *see* Cheung, R. 22881
Pfund, I. *see* Duran, H.C. 41437
Pfurtscheller, G., Kalcher, J., Neuper, Ch., Flotzinger, D., Pregenzer, M. On-line EEG classification during externally-paced hand movements using a neural network-based classifier 49588
Pfurtscheller, G. *see* Andrew, C. 59625
Pfurtscheller, G. *see* Homann, N. 8064
Pfurtscheller, G. *see* Kalcher, J. 8065
Pfurtscheller, G. *see* Pregenzer, M. 7931
Pfurtscheller, G. *see* Van Burik, M. 59711
Phadke, A.G. *see* Centeno, V. 28935
Phadke, A.G. *see* Udren, E.A. 38417
Phadke, A.G. *see* Udren, E.A. 38418
Phadke, S.B. *see* Mohan, B. 51818
Phair, D.J. *see* Garvey, P.R. 52144
Phalippou, M. *see* Cavalli, A.R. 25929
Phalke, V. *see* Nagaraj, T.M. 16402
Pham, A., Laskar, J., Zhou, G., Hutchinson, B. Development of a surface mountable plastic package characterization technique 39819
Pham, D.T., Alcock, R.J. Automated visual inspection of birch wood boards 39875
Pham, G. *see* Landais, P. 26746
Pham, H., Hongzhou Wang Imperfect maintenance 133
Pham, H.N. Developing digital technology for satellite applications in the next millenium 47849
Pham, H.T. *see* Gentilman, R.L. 18971
Pham, H.T. *see* Pazol, B.G. 18368
Pham, K. *see* Martinez, P. 16917
Pham, M. *see* Kennedy, A.R. 41232
Pham, T.D., Hong Yan Information fusion by fuzzy integral 46156
Pham, V. *see* Brown, D.D. 42744
Pham, V.Q. *see* Picher, P. 38771
Pham, V.Q. *see* Vincent, C. 9310
Pham Cong-Kha *see* Cong-Kha Pham
Pham Dinh Tao, Le Thi Hoai An Difference of convex functions optimization algorithms (DCA) for globally minimizing nonconvex quadratic forms on Euclidean balls and spheres 10368
Pham Dinh Tuan *see* Dinh Tuan Pham
Pham Dzung *see* Dzung Pham
Pham Hong *see* Hong Pham
Pham Hu Hiep *see* Hiep Pham Hu
Pham Vinh Phuc *see* Vinh Phuc Pham
Pham Vinh Phue *see* Vinh Phue Pham
Pham-Nguyen Hong *see* Hong Pham-Nguyen
Phamdo, N. *see* Cheng-Chieh Lee 34705
Phan, G. *see* McMillian, G. 31309
Phan, J. *see* McMillian, G. 31309
Phan, J.K. *see* Pai, C.P. 37959
Phan, T., Dilhaire, S., Quintard, V., Lewis, D., Claeys, W. Thermomechanical study of AlCu based interconnect under pulsed thermoelectric excitation 32235
Phan, T., Dilhaire, S., Quintard, V., Lewis, D., Claeys, W. The method of dynamic separation and its application to quantitative thermal analysis of microelectronic devices by laser interferometry and reflectometry 43195
Phan, T. *see* Brownson, R. 39932
Phan, T. *see* Lee, T.S. 23102
Phan, T. *see* Quintard, V. 30192
Phan-Tan-Luu, R. *see* Broudiscou, A. 30460
Phan-Thien, N., Field, J.S., Swain, M.V. Micro-Fourier rheometer: inertial effects 27978
Phanilatha, V., Nakhla, M.S., Qi-Jun Zhang, Da-Guang Liu Finite element transient thermal analysis of electronic boards and packages using moment-matching techniques 292
Phanse, A., Saha, S. Hot carrier effects in deep submicron nMOSFETs 43106
Pharaoh, K.I. *see* Knight, D.J.E. 27370
Pharaoh, K.I. *see* Knight, D.J.E. 44725
Phatak, G.M. *see* Panajkar, M.S. 32960
Phelan, M. Riding the IP datawave 6230
Phelan, R.J. *see* Obarski, G.E. 33484
Pheileps, F. *see* Weiqi Li 41484
Phelps, A.D.R. *see* Cooke, S.J. 13907
Phelps, D.A. *see* Ikezi, H. 34319
Phelps, J.L. Development of a wide area network collaborative workspace for medical information 28396
Phelps, L. *see* Shen-Whan Chen 54708
Phelps, M.E. *see* Kang-Ping Lin 18329
Phelps, M.E. *see* Yang, J. 28235
Phelps, M.E. *see* Yang, J. 28240
Phil Ha Heon *see* Heon Phil Ha
Philbin, J. *see* Dubnicki, C. 47220
Philbrick, C.R. *see* Harris, R. 8455
Philhower, B. *see* Maier, C.A. 21552
Philip, M. *see* Geier, S. 40430
Philip, R. *see* Sanchez, H. 41233
Philipossian, A. *see* Moinpour, M. 42557
Philipov, D. *see* Ivanov, B. 2359
Philipp, A. Detection of nonlinear behavior by phase-resolved microwave harmonic mixing in high-temperature superconductors 32893
Philipp, H. The charge transfer sensor 48439
Philipp, H. *see* Widmann, K. 4096
Philipp, S., Zamperoni, P. Segmentation and contour closing of textured and non-textured images using distances between textures 57503
Philippe, J.-L., Sentieys, O., Martin, E., Dubois, H. Adequacy of an algorithm to an architecture, an application to the fast Fourier transform 21748
Philippe, J.L. *see* Sentieys, O. 11250
Philippe, J.L. *see* Sentieys, O. 31294
Philippe, P., Moreau de Saint-Martin, F., Lever, M., Soumagne, J. Optimal wavelet packets for low-delay audio coding 14843
Philippot, E. *see* Bornand, V. 52754
Philippot, E. *see* Palmier, D. 10596
Philippot, E. *see* Zarka, A. 13229
Philippot, E. *see* Zarka, A. 23183
Philippou, M. *see* Koronides, A. 19234
Philippov, P., Arnaudov, R., Tzanova, S. Some investigations on wiring in new generation multichip modules applied in high speed large scale of integration telecommunication units 22114
Philips, B. *see* Stanley, A. 45471
Philips, D. *see* Brosio, A. 26856
Philips, M., Wolf, W. Video segmentation techniques for news 46052
Philips, T.J. Integration of satellites in the ATM cloud 47233
Philips, W. A comparison of four hybrid block/object image coders 5526
Philips, W. Adaptive contour coding using warped polynomials 25356
Philips, W., Van Overloop, J. An experimental comparison of segmented image coding and warped polynomial image coding 15629
Philips, W. *see* Christopoulos, V.A. 56964
Philips, W. *see* De Neve, P. 15610
Philips, W. *see* Denecker, K. 15603
Philips, W. *see* Van Overloop, J. 59551
Philipsen, J.L., Bjarklev, A. Monte Carlo simulations of homogeneous upconversion in erbium-doped silica glasses 55531
Phill-Kyu Rhee Dynamic self-reconfiguration technique for VLSI/WSI processor arrays 21706
Phillies, G.D.J. On the temporal resolution of multitau digital correlators 4960
Phillipp, F. *see* Burkard, M. 42062
Phillipp, F. *see* Geng, C. 40459
Phillipps, M., Sammes, N., Takeda, Y., Yamamoto, O. Structure and conductivity of the $Gd_{0.8}Sr_{0.2}Co_{1-x}MnxO_3$ (X=0-1.0) system 51514
Phillipps, M.B. *see* Takeda, Y. 29618
Phillips, A.F. *see* Adams, A.R. 23953
Phillips, A.J., Cryan, R.A., Senior, J.M. An optically preamplified digital PPM receiver with improved suboptimum filtering 36079
Phillips, A.J., Reynders, J.P. Evaluation of low frequency magnetic fields in low cost dwellings 17747
Phillips, A.J. *see* Senior, J.M. 26387
Phillips, A.J. *see* Van Deventer, M.O. 26850
Phillips, B., Sheriff, D. Benefits of a minimalist gas system design 2762
Phillips, B.S. *see* Osinski, M. 13885
Phillips, B.S. *see* Osinski, M. 23705
Phillips, C., Garvey, S.D., Wright, M.T. Calculation of inductance values for a brushless DC motor computer simulation 20135
Phillips, C. *see* Woo, D. 45652
Phillips, C.C. *see* Tang, P.J.P. 41970
Phillips, C.C. *see* Thucydides, G. 42189
Phillips, C.C. *see* Vodopyanov, K.L. 12382
Phillips, C.C. *see* Vodopyanov, K.L. 24136
Phillips, D., Parker, K.J. A new imaging science phantom for performance evaluation of ultrasonic imaging systems 28115
Phillips, D., Purvis, A., Johnson, S. On an efficient VLSI architecture for the multirate additive synthesis of musical tones 41204
Phillips, D. *see* Xucai Chen 59423
Phillips, D.K., Cowan, C.F.N. A comparison of prewhitening techniques for subband acoustic echo cancellation 34846
Phillips, G. *see* Ning Wang 17015
Phillips, G.M. A de Castelja algorithm for generalised Bernstein polynomials 40147
Phillips, H. *see* Jackson, E. 13359
Phillips, H. *see* Rose, B.E. 21530
Phillips, H.M., Li Yunjun, Bi Zhaoqi, Zhang Binglin Reactive pulsed laser deposition and laser induced crystallization of SnO_2 transparent conducting thin films 10824
Phillips, I.T. *see* Liang, J. 25483
Phillips, I.W. *see* Tunnicliffe, M.J. 35413
Phillips, J., Margaritis, G., Afshari, B. An interim report on the comparisons of polymide to non-polyimide reliability for C4 212
Phillips, J. *see* Cheesman, J. 47479
Phillips, J. *see* Dong Ho Wu 32903
Phillips, J. *see* Kamath, K. 55621
Phillips, J. *see* Sharma, R. 14947
Phillips, J.C. Physics of photonic integrated circuits 33347
Phillips, J.D., Lund, M.W., Shurtleff, J.K., Allred, W.P. Advancements in platelet growth 30690
Phillips, J.D. *see* Lund, M.W. 37496
Phillips, J.E. *see* Bai, Y. 39197
Phillips, J.E. *see* Meyers, P.V. 39063
Phillips, J.E. *see* Shafarman, W.N. 39102
Phillips, J.M. *see* Dodabalapur, A. 3633
Phillips, J.R., Routt, T.J. Why Hanford nuclear site may switch to ATM 6390
Phillips, L.C., Eichel, L.A., Evanko, S.M. Ultra-wideband SAR processing with the range migration algorithm and the ImSyn™ processor 27001

Phillips, M.H. *see* Sanghvi, N.T. 28413
Phillips, N.W. *see* Lewis, J.D. 60697
Phillips, P.H. *see* Schuller, M. 18732
Phillips, P.J., Junqing Huan, Dunn, S.M. An efficient registration and recognition algorithm via sieve processes 5294
Phillips, P.J. *see* Emeleus, C.J. 42225
Phillips, P.J. *see* Paula, D.J. 2139
Phillips, P.J. *see* Rauss, P.J. 57377
Phillips, P.M., Jensen, K.L., Nguyen, K., Malsawma, L., Hor, C., Zaidman, E.G. Electron beam diagnostics and emission characterization for single and multiple Spindt-type field emitters for rf amplifiers 31702
Phillips, R. *see* Greenberg, M.J. 57735
Phillips, R. *see* Ruth, R.D. 49165
Phillips, R. *see* Scheitrum, G. 7721
Phillips, R.E., Schmidt, G.T. GPS/INS integration 8285
Phillips, R.E., Schmidt, G.T. Relative and differential GPS 8579
Phillips, R.K. *see* Canann, S.A. 639
Phillips, R.L. *see* Andrews, L.C. 33605
Phillips, R.L. *see* Reddy, S.P. 35320
Phillips, T.E. *see* Colvin, A.E., Jr. 36776
Phillips, T.J. Measuring the gravitational acceleration of antimatter with an antihydrogen interferometer 48927
Phillips, T.J., Gordon, N.T. Negative diffusion capacitance in Auger-suppressed HgCdTe heterostructure diodes 2567
Phillips, T.J. *see* Elliott, C.T. 698
Phillips, T.J. *see* Elliott, C.T. 7320
Phillips, T.J. *see* Gordon, N.T. 48511
Phillips, T.J. *see* Waterworth, T.F. 54989
Phillips, T.N. *see* Gwynllyw, D.R. 556
Phillips, V.J. The Alexanderson alternator 50939
Phillips, W. *see* Dhanantwari, A.C. 16976
Phillips, W. *see* Ekstrom, C.R. 48317
Phillips, W. *see* Stergiopoulos, S. 15174
Phillips, W.A. GaAs MMICs: development and manufacture 53666
Phillips, W.D., Ekstrom, C.R., Golding, W.M., Rolston, S.L. Laser cooling of neutral atoms for frequency standards 48290
Phillips, W.H. *see* Kersting, W.H. 60728
Phillipson, J.T. Experience with RF techniques in the petrochemical industry 61375
Phillis, Y.A. *see* Zhang, R. 21032
Phillpot, S.R. *see* Keblinski, P. 40505
Philo, J. *see* Altman, Z. 34347
Philofsky, E.M. FRAM--the ultimate memory 1376
Philomin, V. *see* Netanyahu, N.S. 5371
Philos, C.G. *see* Kordonis, I.-G.E. 40237
Philosoph, B. *see* Kalish, R. 41815
Philp, I.R., Liu, J.W.S. End-to-end scheduling in real-time packet-switched networks 57592
Philp, I.R., Nahrstedt, K., Liu, J.W.S. Scheduling and buffer management for soft-real-time VBR traffic in packet-switched networks 57566
Philp, K.W., Deans, N.D. Comparative redundancy, an alternative to triple modular redundant system design 52376
Philp, W. *see* Culshaw, B. 7390
Philp, W.R., Pierce, S.G., Gachagan, A., McNab, A., Hayward, G., Culshaw, B. Ultrasonic condition monitoring of CFRP and GRP plates using a surface mounted source and an embedded optical fibre sensor 11008
Philp, W.R., Podlesak, M., Pierce, S.G. Acoustic and flexural excitation of a floating structure by a single laser pulse 21411
Philp, W.R. *see* Pierce, S.G. 11020
Philp, W.R. *see* Pierce, S.G. 15157
Philp, W.R. *see* Pierce, S.G. 31028
Philpotts, L.E. *see* Hussman, K.L. 37648
Phin, L.C., Maxted, K.J., Richardson, W., Macleod, J. Video endoscopy testbox 18325
Phinney, N. *see* Breidenbach, M. 37151
Phipps, J. *see* Campos Neto, S.F. 16469
Phipps, J.K. A transfer function approach to harmonic filter design 38218
Phipps, S.P., Helms, C.A., Copland, R.J., Rudolph, W., Truesdell, K.A., Hager, G.D. Mode locking of a CW supersonic chemical oxygen-iodine laser 13927
Phlippen, P.W. *see* Jansen, C. 7760
Phlips, B.P. *see* Kroeger, R.A. 59363
Phoel, W.C., Meehan, J. Requirements and capabilities of modern fishery research ships 50176
Phoenix, L. *see* Petrina, P. 50103
Phong Ho *see* Mochizuki, M. 52279
Phoong See-May *see* See-May Phoong
Phoukas, D., Jullien, G.A. An applicative framework for video-rate systems programming 4798
Phu, H.X., An, P.T. Stable generalization of convex functions 10369
Phu, H.X., Hai, N.N. Some analytical properties of γ-convex functions on the real line 10356
Phu, P. *see* Adler, E. 8669
Phu, X.Nguyen *see* Nguyen Phu, X.
Phua, C.T.L., Dale, B.G. Effects of 'overmakes' on company performance 52095
Phuah, V., Nicol, J.R., Gutfreund, Y.-S. ATM to the desktop: impacting modern business communications with broadband technology 35431
Phuc Pham Vinh *see* Vinh Phuc Pham
Phue Pham Vinh *see* Vinh Phue Pham
Phung Ngoc, B. *see* Garvey, T. 49193
Pi, J.Y. *see* Sam-Yong Bahng 56806
Pi Sheng Chang, Willson, A.N., Jr. Adaptive spectral estimation using the conjugate gradient algorithm 25143
Pi Xiaobo, Du Limin, He Ziqiang A study of training strategy of unit HMM for Chinese speech recognition 56410
Pi-Chun Chen, Mandayam, N.B., Holtzman, J.M. Minimum duration outage for cellular systems with reception diversity 47648
Pi-Fuay Chen *see* Tho Cong Tran 57522
Pi-Hai Liu, Yinyi Lin Capacities of two-dimensional charge constrained modulation codes 4497
Pia, M.G. *see* Paolucci, P. 37242
Piacenti, M. *see* Morales, M.A. 49530
Piamsa-Nga, P. *see* Chalermwat, P. 57223
Piana, G. *see* Adam, W. 59267
Piana, M., Bertero, M. Projected Landweber method and preconditioning 52539
Pianaro, S.A., Bueno, P.R., Olivi, P., Longo, E., Varela, J.A. Effect of Bi_2O_3 addition on the microstructure and electrical properties of the SnO_2·CoO·Nb_2O_5 varistor system 53704
Pianaro, S.A. *see* Bueno, P.R. 13052
Pianetta, P. *see* Ying-Lan Chang 54072
Piao, F. *see* Schenker, R. 2538
Piao Tiehua *see* Tiehua Piao
Piascik, T. *see* Kasinski, A. 5222
Piasecki, M.A. *see* Orvek, K.J. 2526
Piaszczyk, C.M. *see* Berwald, D.H. 49106
Piat, E., Meizel, D. Degrees of confidence fusion in a probabilistic context application to range data fusion 36893
Piatkowska-Janko, E., Opolski, G., Piatkowski, A. How many parameters of P-wave signal-averaged ECG are optimal for discrimination of patients with paroxysmal atrial fibrillation 49709
Piatkowska-Janko, E., Piatkowski, A., Opolski, G. The best digital filter for P-wave signal-averaged ECG 49708
Piatkowska-Janko, E., Piatkowski, A., Opolski, R., Scislo, P. Compound method of signal-averaged ECG of P-wave for patient identification with paroxysmal atrial fibrillation 49710
Piatkowski, A. *see* Bogorodzki, P. 28293
Piatkowski, A. *see* Piatkowska-Janko, E. 49708
Piatkowski, A. *see* Piatkowska-Janko, E. 49709
Piatkowski, A. *see* Piatkowska-Janko, E. 49710
Piattelli, M., Cuneo, M., Siccardi, A. About a DSS tool for planning telematic aids in maritime transportation 35534
Piazza, C. *see* Filippetti, F. 9210
Piazza, E. *see* Pellegrini, P.F. 8307
Piazza, F., Huang, Q. A low power CMOS dual modulus prescaler for frequency synthesizers 41012
Piazza, F. *see* Campolucci, P. 25221
Piazza, F. *see* Gentili, P. 15361
Piazza, F. *see* Guarnieri, S. 53494
Piazza, F. *see* Sarghini, S. 6280
Piazza, S. *see* Mainardi, L.T. 59391
Piazza, S.D. *see* Studer, B. 23264
Piazza, S.S. *see* Bogucki, T.M. 49505
Piazzesi, P. *see* Albans, M. 33941
Piazzi, A. *see* Guarino Lo Bianco, C. 40091
Piazzi, L., Liang, G., Bertoni, H.L., Seongcheol Kim Comparison of measurement based and site specific ray based microcellular path loss predictions 47735
Pibulyarojana, K., Kimura, S., Ebihara, Y. A study on a hybrid dilated banyan network 35877
Pica, S., Scarpetta, G. Experimental results and modelling about thermal instability prediction and current gain in power transistors 42955
Pica, S., Scarpetta, G., Spirito, P. Electro-thermal simulation and experimental detection of the hot spot onset in power bipolar transistors 42965
Picand, F., Autrique, F., Cochennec, J.Y., Houdoin, T., Thomas, V., Yclon, J. JASMIN: an "intermediation" platform for new multimedia services 47328
Picano, E. *see* Taddei, A. 49474
Picard, A. *see* Gillespie, A. 27362
Picard, A. *see* Steiner, R. 17814
Picard, A. *see* Vetter, P.J. 13603
Picard, F. *see* Jerominek, H. 17367
Picard, L. *see* Launay, L. 18379
Picard, M. Service creation for service management and customer control 35803
Picard, R.W. A society of models for video and image libraries 17092
Picard, R.W., Minka, T.P., Szummer, M. Modeling user subjectivity in image libraries 57320
Picard, R.W. *see* Popat, K. 25641
Picard, S., Razet, A. Studies of hyperfine structure in molecular iodine 17193
Picard, Y., Thompson, C.J. Motion correction of PET images using multiple acquisition frames 49501
Picard, Y.J., Grisch, F., Attal-Tretout, B., Le Boiteux, S. Atomic oxygen detection using two-photon degenerate four wave mixing 48995
Picardi, A., Pizzella, G. New insulation systems for traction motor 61249
Picariello, A. *see* Boccignone, G. 8017
Picariello, A. *see* Boccignone, G. 59441
Picart, A., Pyndiah, R. Performance of turbo-decoded product codes used in multilevel coding 4466
Picart, P., Mercier, R., Lamare, M., Marioge, J.-P. Noise introduced by a moving scatterer in a coherent imaging system in the case of an extended detector 17479
Picart, P. *see* Mercier, R. 27914
Picault, Y. *see* Faulkner, D. 57722
Picault, Y. *see* Priotti, P. 26392
Picca, D. *see* Andryakov, A. 37226
Piccinini, E. *see* Agnesi, A. 23849
Piccinini, G. *see* Cocchini, P. 2774
Piccinini, N., Ciarambino, I. Operability analysis devoted to the development of logic trees 52367
Piccinno, V. *see* Giuri, C. 44330
Piccinno, V. *see* Perrone, M.R. 14370
Piccirilli, M.C. *see* Fedi, G. 11061
Piccirillo, A. *see* Oliveti, G. 44558
Picco, E. *see* Colyer, B. 44984
Picco, R. *see* Chimienti, A. 15644
Piccoili, C.W. *see* Shankar, P.M. 7980
Piccolo, A. *see* Daponte, P. 8983
Piccolo, D. *see* Adam, A. 37280
Piccolo, D. *see* Aloisio, A. 37491
Piccolo, D. *see* Paolucci, P. 37242
Piccolo, M. *see* Andryakov, A. 37226
Piccolo, M. *see* Paolucci, P. 37242
Piccone, D.E., De Doncker, R.W., Barrow, J.A., Tobin, W.H. The MTO thyristor--a new high power bipolar MOS thyristor 31095
Picek, J. *see* Linka, A. 418
Pichard, B. *see* Cribier, M. 59193
Picheny, M. *see* Fu-Hua Liu 14886
Picheny, M.A. *see* Padmanabhan, M. 15090
Picher, P., Bolduc, L., Dutil, A., Pham, V.Q. Study of the acceptable DC current limit in core-form power transformers 38771
Picheta, L. *see* Gosse, E. 41503
Pichler, C., Springholz, G., Bauer, G. A comparison of experimental resolution for critical thickness determination by UHV-STM, X-ray diffraction and in situ RHEED 21246
Pichler, Ch., Plasun, R., Strasser, R., Selberherr, S. Simulation environment for semiconductor technology analysis 13102
Pichler, F. *see* Scharinger, J. 35257
Pichler, K. *see* Friend, R.H. 23669
Pichler, K. *see* Friend, R.H. 44224
Pichler, K. *see* Trouillas, P. 22202
Pichna, R., Wang, Q. A medium-access control protocol for a cellular packet CDMA carrying multitirate traffic 16587
Pichoff, N. *see* Beauvais, P.Y. 37135
Picholle, E., Picozzi, A. Guided-acoustic-wave resonances in the dynamics of a stimulated Brillouin fiber ring laser 23820
Pichon, F. Testability features for a submicron voice-coder ASIC 47463
Pichon, L. *see* Raoult, F. 9913
Pichon, L. *see* Saadi, A. 24449
Pichora, M., Hasan, M.A. VLSI implementation of inversion in GF(2^m) 41254
Pichot, C. *see* Belkebir, K. 58963
Pichot, C. *see* Benhabiles, B. 4379
Pichot, C. *see* Franchois, A. 37629
Pichot, Ch. *see* Dourthe, C. 8611
Pichot, Ch. *see* Lobel, P. 35062
Picinbono, B. On instantaneous amplitude and phase of signals 45738
Picinbono, B., Bondon, P. Second-order statistics of complex signals 34786
Picinich, L.M. *see* Hazra, T.K. 6706
Pickard, D. *see* Steeds, J.W. 12196
Pickard, D.S. *see* Lee, Y. 22717
Pickard, D.S. *see* Lee, Y. 49297
Pickard, D.S. *see* Lee, Y. 49306
Pickard, D.S. *see* Lee, Y. 49309
Pickard, G.W. Antennae 4338
Picken, D.J. *see* Chick, A.P. 28978
Pickering, E.H. *see* Park, W.J. 52101
Pickering, M.R., Frater, M.R., Arnold, J.F., Grigg, M.W. An error concealment technique in the spatial frequency domain 5528
Pickering, S. The design and development of the XK8 charging system 29851
Pickeringa, J.L. *see* Somps, C.J. 27705
Pickert, V., Johnson, C.M. An assessment of resonant converters for induction motor drives applications up to 100 kW 9584
Pickett, D.F., Jr. *see* Scoles, D.L. 61065
Pickett, N.L., Foster, D.F., Cole-Hamilton, D.J. Studies of prereactions during MOVPE growth of wide band-gap II/VI semiconductors: the effect of pyridine upon the gas-phase reactions between H_2S and Me_2Zn 40467
Pickholtz, R.L. *see* Wookwon Lee 6628
Pickles, A.P., Alderson, K.L., Evans, K.E. The effects of powder morphology an the processing of auxetic polypropylene (PP of negative Poisson's ratio) 945
Pickrell, D. Material properties and applications of polycrystalline diamond for thermal management 52232
Pickrell, D.P. *see* Hackenberger, W.S. 60111
Pickup, J.C. *see* Jaffari, S.A. 7448
Pico, F.Ibarra *see* Ibarra Pico, F.
Picon, O. *see* Hanna, V.F. 41383
Picone, J. *see* Deshmukh, N. 14917
Picos-Vega, A., Ramirez-Bon, R., Espinoza-Beltran, F.J., Zelaya-Angel, O., Alvarez-Fregoso; O., Mendoza-Alvarez, J.G. Physical properties of CdTe-Sb thin films 41917

Picotto, G.B., Desogus, S., Lanyi, S., Nerino, R., Sosso, A., Monticone, E. A capacitive displacement measurement system for scanning probe microscopy 58726
Picotto, G.B. *see* Nerino, R. 27901
Picozza, P. *see* Bellotti, R. 37270
Picozza, P. *see* Borisyuk, R. 37274
Picozzi, A. *see* Picholle, E. 23820
Picozzi, P. *see* Cantalini, C. 58896
Picraux, S.T., Chason, E., Poate, J.M., Borland, J.O., Current, M.I., Diaz de la Rubia, T., Eaglesham, D.J., Holland, O.W., Law, M.E., Magee, C.W., Mayer, J.W., Melngailis, J., Tasch, A.F. Energetic ion beams in semiconductor processing: summary of a DOE panel study 12702
Picton, P.D. Real-time implementation of an optophone 59821
Pidcock, M., Ciulli, S., Ispas, S. Some boundary problems in electrical impedance tomography 18451
Pidhardo, J.L. *see* Cruz Orea, A. 12361
Pidin, S., Koyanagi, M. Two-dimensional analytical subthreshold model and optimal scaling of fully-depleted SOI MOSFET down to 0.1 μm channel length 54668
Pie Zheng *see* Wansheng Tang 52391
Pie-Yau Chien, Yau-Sheng Chang, Ming-Wen Chang Electrically nulled interferometric sensor based on triangular phase modulation 27603
Pie-Yau Chien *see* Ci-Ling Pan 36885
Pie-Yau Chien *see* Yau-Sheng Chang 33770
Piechowiak, E.M. *see* Berwald, D.H. 49106
Piecuch, M. *see* Pizzini, S. 3191
Pieczynski, W. *see* Caillol, H. 35295
Piefer, R.W. *see* Epperly, R.A. 61112
Piegari, A., Scaglione, S., Emiliani, G. Laser optical coatings with different reflectance profiles 3923
Piehler, D., Zou, X., Kuo, C.-Y., Nilsson, A., Kleefeld, J., Garcia, G., Ralston, J.D., Mathur, A. 55 dB CNR over 50 km of fibre in an 80-channel externally-modulated AM-CATV system without optical amplification 36343
Piel, C. *see* Jankowiak, A. 49124
Piel, J.P. *see* Boher, P. 2470
Piel, J.P. *see* Defranoux, C. 55382
Piel, J.P. *see* Zahorski, D. 58931
Piel, N. *see* Baumvol, I.J.R. 10735
Pielage, I.G. *see* Capocci, H.F. 19172
Piemontesi, M., Niemeyer, L. Sorption of SF_6 and SF_6 decomposition products by activated alumina and molecular sieve 13X 13313
Piemontesi, M., Niemeyer, L. Surface reactions of SF_6 decomposition products 43458
Pienkowski, K. Macromodels for simulation of inverter-fed induction motors 9247
Pienkowski, Z. *see* Galwas, B.A. 27430
Pienne, C. *see* Novotny, R. 59270
Pienta, K. *see* Krzeminski, R. 28337
Pieper, G. *see* Chadalavada, V. 50361
Pieper, J.K. *see* Lovren, N. 37954
Pieper, J.M. Higher speed for the GPIB 36379
Pieper, R.J., Kraus, A.D. Cold plates with asymmetric heat loading. I. The single stack 30298
Pieper, R.J., Kraus, A.D. Cold plates with asymmetric heat loading. II. The double stack 30299
Pieper, R.J., Kraus, A.D. A transient analysis of heat transfer in double stack cold plates 39788
Pieper, R.J., Nassopoulos, A. The Eikonal ray equations in optical fibers 55227
Pieper, R.J., Powers, J.P., Pace, P.E. Secure optical communications using wavelength tunable optical filters 47944
Pieper, R.J., Weatherford, T. An exact analysis for bimolecular band-to-band recombination lifetime under high injection conditions 41813
Pieper, R.J. *see* Pace, P.E. 3446
Pieper, W. *see* Jahn, E. 26838
Pieper, W. *see* Jahn, E. 36142
Pieper, W. *see* Ludwig, R. 26756
Pieper, W. *see* Ludwig, R. 26782
Piepke, A., Cook, B. A method to calibrate a neutrino detector using the positron emitter ^{68}Ge 37461
Pieplu, J.M. *see* Marchal, N. 7006
Pieprzyk, J., Ghodosi, H., Charnes, C., Safavi-Naini, R. Cryptography based on transcendental numbers 24766
Pieprzyk, J. *see* Bakhtiari, S. 24773
Pieprzyk, J. *see* Bakhtiari, S. 24774
Pieprzyk, J. *see* Esmaili, M. 46911
Pieprzyk, J. *see* Ghodosi, H. 24772
Pieprzyk, J., Seberry, J. *(editors)* Information Security and Privacy. First Australasian Conference, ACISP'96. Proceedings 20337
Pier, H., Kapon, E. Modeling of photon localization in one- to two-dimensional arrays of coupled vertical cavity lasers 33549
Pier, S. *see* DeWitt, J. 59243
Pier, S. *see* Sadrozinski, H.F.W. 37399
Piera, M. *see* Perlado, J.M. 7758
Pieracci, A., Lanzoni, M., Galbiati, P., Manzini, S., Contiero, C., Ricco, B. Extraction of channel doping profile in DMOS transistors 43027
Pieraccini, M. *see* Brenci, M. 36628
Pieraccini, R. *see* Riccardi, G. 24865
Pierali, C. *see* Pagnot, T. 3385
Pierantoni, L. *see* Farina, M. 31504
Pierantoni, L. *see* Rozzi, T. 45323
Pierantozzi, D. *see* Hopper, K.D. 7937
Pierattini, G. *see* de Angelis, M. 17825
Pierattini, G. *see* De Nicola, S. 7660
Pierce, B.C. *see* Nestmann, U. 4543
Pierce, B.J. *see* Wetzel, P.A. 7940
Pierce, B.J. *see* Wetzel, P.A. 59867
Pierce, C.T. *see* Gillibrand, D. 51892
Pierce, D.A., Jr., Lala, P.K. Modular implementation of efficient self-checking checkers for the Berger code 31228
Pierce, D.J., Lewis, J.G. Sparse multifrontal rank revealing QR factorization 30612
Pierce, I., Watkins, L. Modelling optical pulse propagation in nonlinear media using wavelets 34172
Pierce, J.F. *see* Kaymaz, E. 60029
Pierce, J.R., Van Duyne, S.A. A passive nonlinear digital filter design which facilitates physics-based sound synthesis of highly nonlinear musical instruments 36356
Pierce, L., Kellndorfer, J., Ulaby, F., Norikane, L. Practical SAR orthorectification 18778
Pierce, L.E. *see* Bergen, K.M. 8529
Pierce, S.D. *see* Wilson, T.C., Jr. 50133
Pierce, S.G., Culshaw, B., Philp, W.R. Synchronized triggering for ultrasonic transient detection using optical fibre interferometers and application to the measurement of broadband Lamb wave dispersion characteristics 15157
Pierce, S.G., Philp, W.R., Culshaw, B., Gachagan, A., McNab, A., Hayward, G. Ultrasonic inspection of CFRP plates using surface bonded optical fibre sensors 11020
Pierce, S.G., Philp, W.R., Culshaw, B., Gachagan, A., McNab, A., Haywood, G., Lecuyer, F. Surface-bonded optical fibre sensors for the inspection of CFRP plates using ultrasonic Lamb waves 31028
Pierce, S.G. *see* Culshaw, B. 7390
Pierce, S.G. *see* Philp, W.R. 11008
Pierce, S.G. *see* Philp, W.R. 21411
Pierce, W. *see* Ruth, R.D. 49165
Piercy, A.R. *see* Kendall, D. 43644
Piergigli, M., Vercelli, R., Zucchinali, A. Management issues in multi-layered network architectures 46924
Pieri, F. *see* Diligenti, A. 42343
Pierini, P. *see* Pagani, C. 37113
Pieris, G. *see* Golmie, N. 17083
Pierleoni, P. *see* Cancellieri, G. 24078
Pierleoni, P. *see* Chiaraluce, F. 3511
Pierluissi, J.H. *see* Kreinovich, V. 48802
Piermarini, R. *see* Ciccarella, G. 47854
Piernas, B., Cambon, P., Plouzennec, L. A compact fractal hexagonal 36 by 36 self-routing switch using polarization-controlled VCSEL array holographically interconnected 55942
Pieroux, D., Erneux, T., Mandel, P. Pump modulation of a two-mode Fabry-Perot laser: influence of an internal resonance 14212
Pierrat, L., Resende, R.J., Santana, J. Power transformers life expectancy under distorting power electronic loads 9304
Pierrat, L., Susetyo, B. Probabilistic modelling of network harmonic impedance due to random load variation 60190
Pierrat, L., Tran-Quoc, T. Current transformer performance on asymmetrical triggered thyristorized circuit 51084
Pierrat, L., Tran-Quoc, T., Lam-Du, S. Overvoltages following load rejection on a system with a series-compensated transmission line and saturated transformers 8740
Pierrat, L. *see* Ammari, A.C. 9201
Pierrat, L. *see* Fracchia, M. 51805
Pierrat, L. *see* Tabaga, S. 41555
Pierrat, L. *see* Tran-Quoc, T. 9293
Pierrat, L. *see* Tran-Quoc, T. 51080
Pierre, B. *see* Nakajima, H. 26910
Pierre, D. *see* Baltz, S. 35865
Pierre, E.St. *see* St. Pierre, E.
Pierre, F. *see* Quesnel, E. 3567
Pierre, F. *see* Robic, J.Y. 3568
Pierre, G., Patrice, D., Serge, C. Tracking 3D coplanar points in the invariant perspective coordinates plane 5117
Pierre, J.W. Note on frame bounds for finite dimensional frames 25060
Pierre, J.W. *see* Jacquot, R.G. 52018
Pierre, L., Thiery, J.-P. Comparison of resistance to polarisation mode dispersion of NRZ and phase-shaped binary transmission formats at 10 Gbit/s 43934
Pierre, L. *see* Clesca, B. 16828
Pierre, L. *see* Penninckx, D. 26878
Pierre, R. *see* Oukit, A. 662
Pierre, R.L.St. *see* St. Pierre, R.L.
Pierrel, G. *see* Noullet, J.L. 9911
Pierri, R., Isernia, T., Pascazio, V., Tamburrino, A. Reconstruction of complex dielectric profiles via quadratic models 8371
Pierri, R. *see* Isernia, T. 15352
Pierro, V. *see* Galdi, V. 45287
Pierson, R. *see* Yu, R. 36181
Pierson, R.E., Chen, E.Y., Bishop, K.P., McMackin, L. Modeling and measurement of optical turbulence by tomographic imaging of a heated air flow 25265
Pierson, V., Amblard, P.-O. Studying the performances of linear signature detector on a time-frequency representation 48156
Pierson, W.J. *see* Sylvester, W.B. 50070
Pierucci, L. *see* Castellini, G. 26613
Pierz, K. *see* Baranov, P.G. 42116
Piesch, E. *see* Burgkhardt, B. 7823
Piestun, R., Spektor, B., Shamir, J. On-axis binary-amplitude computer generated holograms 44771
Pietag, F. *see* Kirpal, G. 40342
Pietikainen, M., Nieminen, S., Marszalec, E., Ojala, T. Accurate color discrimination with classification based on feature distributions 5651
Pietikainen, M. *see* Sauvola, J. 5648
Pietila, P. Finnish-Baltic cooperation in environmental education 30053
Pietila, T. *see* Doering, A. 59699
Pietila, T. *see* Saastamoinen, A. 59704
Pietilainen, A. *see* Talvitie, H. 33514
Pietkiewicz, A., Tollik, D. New high power single-phase power factor corrector with soft-switching 50438
Pietkiewicz-Koutny, M. *see* Yakovlev, A. 31200
Pietra, S.Della *see* Della Pietra, S.
Pietrabissa, A. *see* Carrozza, M.C. 28402
Pietralunga, S., Breviario, F., Martinelli, M., Di Rocco, D. Calcite frequency splitter for dense WDM transmitter 16699
Pietraszewski, D. *see* Johnson, G.W. 47797
Pietrenko, W. *see* Guzinski, A. 1571
Pietro, A.Di *see* Di Pietro, A.
Pietroiusti, R. *see* Perardi, F. 47127
Pietrosanto, A. *see* Angrisani, L. 17731
Pietrosanto, A. *see* Betta, G. 60780
Pietruszko, S.M., Wisniewski, G. Photovoltaics in Poland 51592
Pietryga, C. *see* Rossow, U. 2187
Pietryzk, I. *see* Grone, R. 7852
Pietrzak-David, M. *see* Bouscayrol, A. 9679
Pietrzak-David, M. *see* Bouscayrol, A. 51787
Pietrzak-David, M. *see* Bouscayrol, A. 60756
Pietrzak-David, M. *see* Peter-Contesse, L.-O. 60738
Pietrzak-David, M. *see* Purwoadi, M.A. 61167
Pietrzyk, M. Simulations of a pulse compression in planar waveguide 55269
Pietsch, R. *see* de Kock, N. 19911
Pietsch, R.L. *see* Douglas, B.L. 48151
Pietsch, R.L. *see* Douglas, B.L. 50186
Pietsch, R.T. *see* Kleinmann, T. 34663
Pietsch, W., Aramaki, T., Motooka, T. Rare-earth doping in SiC for light-emitting devices 33282
Piette, F. *see* Barbier, C. 27022
Piette, M.A. *see* Koomey, J.G. 51635
Pietzonka, I. *see* Gottschalch, V. 52641
Pietzonka, I. *see* Kirpal, G. 40342
Pietzsch, H. *see* Blumel, D. 9667
Pietzsch, J. *see* Herber, R. 16441
Piffault, N. *see* Parillaud, O. 10704
Pigeon, F. *see* Mure-Ravaud, A. 3447
Pigeon, F. *see* Pelissier, S. 23521
Pigini, A., Garbagnati, E., Gela, G., Naito, K., Perin, D., Rizk, F.A.M., Salliot, H., Sklenicka, V., Van Name, J., Visintainer, I., Zheng, J.C. Live insulator washing 8923
Pigler, F. Dimensioning of measures for protection of control-technological devices within buildings against effects of lightning 19401
Piglione, F. *see* Cirrincione, G. 8805
Piglione, F. *see* Napoli, R. 8799
Piglmayer, K., Schieche, H. Laser-induced etching of tungsten 44838
Pignari, G. *see* Parente, F. 5910
Pignari, S., Canavero, F.G. A transmission line simulator for EMC in complex electronic systems (EMCSIM) 45254
Pignasty, O.M., Popovich, D.V., Rashkovan, V.M., Repalov, N.S., Tur, Yu.D. Superconductive stabilization systems for charged particle accelerators 49100
Pignasty, S.S. *see* Kapustjanenko, G.G. 38810
Pignatelli, E. *see* Bigaroni, V. 26036
Pignatta, R., Turco, D., Marchese, P., Corno, F., Raneri, G. Network testing strategies for local mobility service 47806
Pigni, L. *see* Adam, A. 37280
Pignotti, A. *see* Altschuler, E. 31000
Pignotti, A. *see* Garbulsky, G.D. 39427
Piguet, C., Masgonty, J.-M., von Kaenel, V., Schneider, T. Logic design for low-voltage/low-power CMOS circuits 21443
Piguet, C. *see* von Kaenel, V. 1547
Pihet, P. *see* de Carlan, L. 37504
Pihl, J., Aas, E.J. Logic synthesis with the CDPD circuit technique 1307
Pihl, J., Aas, E.J. Logic synthesis with high speed CMOS circuit techniques 53113
Pihlajamaa, O. *see* Kylanpaa, M. 16255
Pihlajisto, J. *see* Pousi, T. 1186
Pihler, J. *see* Stumberger, G. 60827
Pihlflyckt, J. *see* Hallikainen, M. 8400
Pihlflyckt, J. *see* Hallikainen, M. 18877
Piin-Jye Chou *see* Jan-Shing Su 2701
Pijaca, J. *see* Goodzeit, N.E. 49933
Pijls, W. *see* Plaat, A. 30509
Pikanorov, V.V., Ostanin, S.Yu., Shmeleva, G.A. Software for calculating the characteristics of magnetic materials 19698
Pikaz, A., Averbuch, A. On automatic threshold selection for polygonal approximations of digital curves 5241
Pikaz, A., Averbuch, A. An efficient topological characterization of gray-levels textures, using a multiresolution representation 35270
Pike, A.W. *see* Ordys, A.W. 38629

Pike, C. *see* Orr, R.S. 24944
Pike, G.B. *see* Kwan, R.K.-S. 18380
Pike, G.E. *see* Warren, W.L. 43498
Piket-May, M. *see* Hadi, M.F. 33919
Piket-May, M. *see* Vichot, P. 41223
Piket-May, M.J., Avery, J.P. Freshman design projects: a university/community program providing assistive technology devices 20555
Pikhtin, N.A. *see* Trifonov, A.S. 17851
Pikkarainen, P. *see* Konkka, I. 59718
Pikus, F.G. *see* Medeiros-Ribeiro, G. 32038
Pil Chang Joon *see* Joon Pil Chang
Pil Joong Lee *see* Chae Hoon Lim 45536
Pil Joong Lee *see* Chae Hoon Lim 56282
Pil Kim Ju *see* Ju Pil Kim
Pil Lee Sung *see* Sung Pil Lee
Pil Yoon Sung *see* Sung Pil Yoon
Pil-Gyu Im *see* Nung-Pyo Hong 43445
Pilacinski, J. A method for determining the parameters of power MOSFET and IGBT transistor models applied in the PSPICE program 43036
Pilati, L. *see* Licciardi, L. 6399
Pilati, L. *see* Licciardi, L. 6410
Pilati, L. *see* Licciardi, L. 58063
Pil'dish, V.G. *see* Dlugosel'skii, V.I. 29082
Pileggi, L.T. *see* Gupta, R. 40760
Pileggi, L.T. *see* Gupta, R. 40787
Pileggi, L.T. *see* Gupta, R. 45277
Pileggi, L.T. *see* Pullela, S. 53103
Pileni, M.P. *see* Levy, L. 30715
Piletsky, S.A. *see* Kukla, A.L. 48721
Piletsky, S.A. *see* Lavrik, N.V. 58870
Piletsky, S.A. *see* Sergeyeva, T.A. 17567
Pilevar, S., Fielding, A.J., Davis, C.C. Near-infrared single-mode fiber evanescent fluorosensor 17449
Pilevar, S. *see* Davis, C.C. 55222
Pilgram, B., Castiglioni, P., Parati, G., Di Rienzo, M. Estimating the instantaneous frequencies from heart rate tracings: a state space approach based on higher-order statistics 59661
Pilgram, B., Kaplan, D.T. Nonstationarity and 1/f noise characteristics in heart rate 37781
Pilipenko, N. *see* Kalmykov, L. 59839
Pilipenko, T.V. *see* Semeniouk, V.A. 39437
Pilipenko, U.K. *see* Govorov, A.N. 37159
Pilipenko, Yu.K. *see* Ershov, V.P. 59167
Pilipetskii, A.N., Menyuk, C.R. Suppression of the acoustic effect in soliton information transmission by line coding 24249
Pilipetskii, A.N. *see* Ding Wang 55813
Pilipetskii, A.N. *see* Golovchenko, E.A. 58277
Pilipetskii, A.N. *see* Jacob, J.M. 23485
Piliszek, A. Alcatel 8619–protocol tester systems for ISDN 58663
Pilkauskas, V. *see* Pranevitchius, H. 5855
Pill Soo Kim *see* Young Ho Park 3948
Pill-Soo Kim, Yong Kim A future cost trends of magnetizer systems in Korea 44983
Pilla, R.S., Kamarthi, S.V., Lindsay, B.G. Convergence behavior of an iterative process: Application to neural networks 10441
Pilla, V., Impinnisi, P.R., Catunda, T. Measurement of saturation intensities in ion doped solids by transient nonlinear refraction 33670
Pillai, B. *see* Giakos, G.C. 59471
Pillai, C. *see* Beard, C.A. 7757
Pillai, D. *see* Burkett, S.L. 55042
Pillai, R. *see* Bhattacharya, D. 8515
Pillai, R.V.K., Al-Khalili, D., Al-Khalili, A.J. Energy delay analysis of partial product reduction methods for parallel multiplier implementation 11280
Pillai, S.R. *see* Antoniou, A. 28660
Pillai, S.Radhakrishnan *see* Radhakrishnan Pillai, S.
Pillai, S.U., Lee, W.C., Guerci, J. Multichannel space-time adaptive processing 16842
Pillai, S.U. *see* Guerci, J.R. 27061
Pillai, S.U. *see* Won Cheol Lee 6669
Pillai, S.Unnikrishna *see* Unnikrishna Pillai, S.
Pillai, U., Stonick, V. A scalar homotopy method for parallel and robust tracking of line spectral pairs 14986
Pillai, V., Shah, D.O. Synthesis of high-coercivity cobalt ferrite particles using water-in-oil microemulsions 32818
Pillan, M., Salice, F., Ghione, G. A constraint generation tool for the design of high frequency integrated circuits 53694
Pillan, M. *see* Brandolese, C. 11033
Pillay, P. Applying energy-efficient motors in the petrochemical industry 29915
Pillay, P., Bhattacharjee, A. Application of wavelets to model short-term power system disturbances 19042
Pillay, P., Xu, Z. Motor current signature analysis 29330
Pillement, S., Torres, L., Robert, M., Cambon, G. Concurrent design of hardware/software dedicated systems 11438
Piller, C. *see* Hovater, C. 37107
Pillers, R.B., Rawat, B.S. Analysis of laser source nonlinearity due to longitudinal mode-hopping 44549
Pilleyre, Th. *see* Sanzelle, S. 8187
Pillin, B. *see* Perichaud, I. 10671
Pillion, J.E. *see* Wei, J. 58664
Pillon, D. *see* Jauffret, C. 5229
Pillon, M., Angelone, M., Krasilnikov, A.V. 14 MeV neutron spectra measurements using type II diamond detectors 7790
Pillot, D. *see* Roberts, S.J. 5190
Pilloton, R. *see* Di Fabrizio, E. 1845
Pilloud, D.L. *see* Fontes, M.B.A. 28081
Pillsbury, P.W., Ryan, W.R., Moore, J.R. Dual-use conversion of a high-mach-number jet engine test cell for industrial gas turbine low-emission combustor development 50786
Pillutla, S. *see* Keyhani, A. 50953
Pilo, F. *see* Celli, G. 19314
Pilot, G. *see* Alfille, J.P. 14487
Pilotto, L.A.S., Ping, W.W., Carvalho, A.R., Wey, A., Long, W.F., Alvarado, F.L., Edris, A. Determination of needed FACTS controllers that increase asset utilization of power systems 38322
Pils, C. *see* Berger, M.O. 47627
Pilsinger, G. *see* Noe, S. 23188
Pilsinger, G. *see* Shang, W. 29482
Pilu, M. *see* Fitzgibbon, A.W. 5078
Piluso, P. *see* Seyve, C. 19501
Pilutti, T.E. *see* LeBlanc, D.J. 4984
Pilutti, T.E. *see* LeBlanc, D.J. 20206
Pilyugin, P.G. *see* Brazhkin, B.S. 17212
Pimenov, S., Stepanova, N. Subsurface layer statistical resonance 45035
Pimenov, S. *see* Kachan, M. 50207
Pimenov, S.F. *see* Kachan, M.V. 50169
Pimenov, S.M. *see* Karabutov, A.V. 53922
Pimenov, V.G. *see* Grigoriev, Y.A. 53942
Pimenta, T.C., Vermaas, L.L.G., Crepaldi, P.C., Moreno, R.L. The design of a digital IC for thyristor triggering 53384
Pimentel, C., Blake, I.F. Modeling burst channels using finite state Markov models 45500
Pimpl, W. *see* Bieser, F. 59307
Pin, O., Badie, J.-M., Olalde, G., Clement, M. Development of a stagnation temperature probe for supersonic combustion flows 48983
Pinacho, R. *see* Enriquez, L. 22254
Pinacho, R. *see* Quintanilla, L. 42070
Pinar, M.C. Linear programming via a quadratic penalty function 10372
Pinard, L. *see* Blair, D.G. 33204
Pinard, P. *see* Le Berre, M. 12147
Pinardi, K., Jain, S.C., Maes, H.E. Finite element calculations to optimize the design of a stressor for strained induced quantum wires and quantum dots in GaAs 22416
Pinardi, K. *see* Jain, S.C. 54142
Pinault, F. *see* Dulongpont, J. 35858
Pincella, C. *see* Robert, A. 8733
Pincella, C. *see* Shore, N.L. 8866
Pinch, H.E. *see* Loboda, M.J. 52233
Pinch, H.L. *see* Loboda, M.J. 310
Pinch, H.L. *see* Loboda, M.J. 2748
Pinchaux, R. *see* Sauvage-Simkin, M. 2040
Pinchon, D., Siohan, P. Determination of a canonical lattice structure for odd length linear-phase PR filter banks 15370
Pinchon, D., Siohan, P. A two-band linear-phase QMF lattice with an improved robustness to coefficient quantization 45904
Pinchon, D. *see* Hentabli, K. 60796
Pinchon, D. *see* Hentabli, K. 61182
Pinciroli, F. *see* Bozzola, P. 37787
Pinciroli, F. *see* Portoni, L. 37845
Pinczuk, A. *see* Pellegrini, V. 22382
Pinczuk, A. *see* Plentz, F. 12498
Pinczuk, A. *see* Weldon, M.K. 22553
Pind, J. Rate-dependent perception of quantity in released and unreleased syllables in Icelandic 4610
Pinder, B. *see* Rutter, R. 39276
Pinder, R., Garcia, E. Fast-track IPP based on LM6000 gas turbines brings quick power to Ecuador 38624
Pindo, M. *see* Becks, K.H. 59228
Pine, J.L. *see* Parks, T.M. 4803
Pineda, F., Ryals, K., Steigerwald, D., Furth, P. Acoustic transient processing using the Hopkins electronic ear 56586
Pineda de Gyvez, J., Lei Wang, Sanchez-Sinencio, E. Large-image CNN hardware processing using a time multiplexing scheme 35107
Pineda de Gyvez, J. *see* Gunhee Han 31435
Pineda De Gyvez, J. *see* Moreira-Tamayo, O. 4783
Pineda de Gyvez, J. *see* Moreira-Tamayo, O. 21828
Pinegin, A. *see* Villsboll, N. 29188
Pinegin, A. *see* Vilsboll, N. 60626
Pinegin, A.L. *see* Ragozin, A.A. 60629
Pinel, J. *see* Raoult, F. 9913
Pinel, V., Gastellu-Etchegorry, J.P., Demarez, V. Retrieval of forest biophysical parameters from remote sensing images with the DART model 8538
Pinello, W., Ruehli, A. Time domain solutions for coupled problems using PEEC models with waveform relaxation 33821
Pinello, W.P. *see* Ruehli, A.E. 45285
Piner, E. *see* McIntosh, F.G. 21274
Piner, E.L., Behbehani, M.K., El-Masry, N.A., McIntosh, F.G., Roberts, J.C., Boutros, K.S., Bedair, S.M. Effect of hydrogen on the indium incorporation in InGaN epitaxial films 40409
Piner, E.L., He, Y.W., Boutros, K.S., Mcintosh, F.G., Roberts, J.C., Bedair, S.M., El-Masry, N.A. New buffer layers for GaN on sapphire by atomic layer and molecular stream epitaxy 10798
Piner, E.L. *see* Boutros, K.S. 21273
Piner, E.L. *see* McIntosh, F.G. 52697
Piner, E.L. *see* Roberts, J.C. 10794
Pines, B.E. *see* Bennett, D.J. 1882
Pinewski, P.J. *see* Perruchoud, P.J.P. 29416
Ping, A. *see* Chen, Q. 41469
Ping, A.T., Asif Khan, M., Adesida, I. Dry etching of $Al_xGa_{1-x}N$ using chemically assisted ion beam etching 42591
Ping, A.T., Schmitz, A.C., Adesida, I., Khan, M.A., Chen, Q., Yang, J.W. Characterization of reactive ion etching-induced damage to n-GaN surfaces using Schottky diodes 54458
Ping, A.T., Schmitz, A.C., Khan, M.A., Adesida, I. Effects of reactive ion etching on the electrical properties of n-GaN surfaces 12786
Ping, A.T. *see* Schmitz, A.C. 12537
Ping, S. *see* Tong, S. 30990
Ping, W.W. *see* Pilotto, L.A.S. 38322
Ping Chang-Chung Wei *see* Wei Ping Chang-Chung
Ping Chen *see* Chen Ping
Ping Chen Koo *see* Jenghwa Chang 28216
Ping Cheng *see* Birta, L.G. 40234
Ping Deng Lian *see* Deng Lian Ping
Ping Ding Xie *see* Xie Ping Ding
Ping Feng, Bresler, Y. Spectrum-blind minimum-rate sampling and reconstruction of multiband signals 15391
Ping Feng *see* Bresler, Y. 56515
Ping Guo *see* Guo Ping
Ping Gzlo *see* Gzlo Ping
Ping He *see* Stroud, C.E. 31164
Ping He *see* Tungate, S. 40777
Ping Ju *see* Ju Ping
Ping K. Ko *see* Chen, K. 43006
Ping Keung Ko *see* Yuhua Cheng 21826
Ping Lai *see* Lai Ping
Ping Li A new closed form formula for inductance calculation in microstrip line spiral inductor design 41423
Ping Li *see* Li Ping
Ping Li Yang *see* Li Yang Ping
Ping Lin *see* Ascher, U. 40209
Ping Lu *see* Giger, M. 57539
Ping Lu *see* Lu Ping
Ping Qin *see* Xiaohuan Yang 18938
Ping Sheng *see* Liao, H.B. 24076
Ping Sun *see* Huibao Chen 23074
Ping Sun Sung *see* Sung Ping Sun
Ping Tsai Din *see* Din Ping Tsai
Ping Wah Wong, Tretter, D., Herley, C., Moayeri, N., Lee, R. Image processing considerations for digital photography 46375
Ping Wah Wong *see* Goldschneider, J.R. 56793
Ping Wah Wong *see* Herley, C. 56489
Ping Wah Wong *see* Vander Kam, R.A. 57001
Ping Wan, Conradi, J. Impact of single and double Rayleigh backscattering on available system gain in optically amplified fiber systems without isolators 16799
Ping Wang, Bollen, M.H.J., Jenkins, N. An investigation of the voltage sag mitigation effect of an advanced static VAr compensator 19240
Ping Wang, Shangshu Duan, Xinmin Zhao, Zhenqin Guo Research on the dynamic test method for force-balance accelerometers (FBAs) with electric stimulation. Part 2. An improved test method for voltage-source type FBAs 36542
Ping Wang *see* Ceton, R. 30362
Ping Wang *see* Thornton, J. 42803
Ping Wang *see* Wang Ping
Ping Wu *see* Wu Ping
Ping Xiao *see* Xiao Ping
Ping Xie, Jian-Hua Dai, Peng-Ye Wang, Hong-Jun Zhang Mechanism of self-pumped phase conjugation in photorefractive crystals 24074
Ping Xie, Jian-Hua Dai, Peng-Ye Wang, Hong-Jun Zhang Spatial fidelity of image amplification in photorefractive crystals 27682
Ping Xu *see* Xu Ping
Ping Yuan *see* Yuan Ping
Ping Zhang *see* Biqi Long 6611
Ping Zhang *see* Dufour, J. 40806
Ping Zhang *see* Saigui Hu 4864
Ping Zhang *see* Zhang Ping
Ping Zhou Explicit construction of multivariate Pade approximants 40161
Ping Zhou *see* McDermott, T.E. 44936
Ping-Chong Chee, Sau-Lai Leung, Pak-Kwong Wong, Chorkin Chan Properties of a hand-printed Chinese character recognizer based on contextual vector quantization 25762
Ping-Fu Fung, Wing-Sze Lee, King, I. Randomized generalized Hough transform for 2-D gray scale object detection 5405
Ping-Hue Huang, Chih-Pao Lin Experience with excessive quadrant power tilts during Maanshan Unit 2 cycle 8 startup 38542
Ping-Lin Fan *see* Ching-Ting Lee 33076
Ping-Lin Fan *see* Mount-Learn Wu 3426
Ping-Lin Fan *see* Mount-Learn Wu 24534
Ping-Tai Sun *see* Chen, J.J.-R. 45539
Ping-Tsung Wang, Kun-Nen Chen A simultaneous placement and global routing algorithm for an FGPA with hierarchical interconnection structure 11291
Ping-Wing Lui *see* Chan, B.C.B. 49485
Pingale, S.S., Patil, S.F., Vinod, M.P., Pathak, G., Vijayamohanan, K. Mechanism of humidity sensing of Ti-doped $MgCr_2O_4$ ceramics 17870
Pingali, S., Segen, J. Performance evaluation of people tracking systems 25457

Pingali, S. *see* Segen, J. 5593
Pingali, S. *see* Towsley, D. 57616
Pingguo Du *see* Du Pingguo
Pinglin Yin *see* Yin Pinglin
Pingmao Xu, Guo, G.J., Zhang, H.M., Liu, X.L., Wei, J.Z., Wu, Z.S. The relation between the thickness and the dielectric and pyroelectric properties of PVDF:TGSe:TGS composite material film 54936
Pingor, M. *see* Gipprich, J. 53644
Pingsheng Tang *see* Tang Pingsheng
PingWei Lin *see* Lin PingWei
Pingyi Fan *see* Fan Pingyi
Pingyong Yang *see* Yang Pingyong
Pingyu Qu *see* Gosling, I.G. 45262
Pinhasi, Y., Shterngartz, V., Gover, A. Theory and simulation of transverse supermode evolution in a free-electron laser oscillator 33580
Pinheiro, A.L.A., de Marca, J.R.B. Fair deterministic packet access protocol: F-RAMA (fair resource assignment multiple access) 16083
Pinheiro, P.A.T., Loh, W.W., Dickin, F.J. Smoothness-constrained inversion for two-dimensional electrical resistance tomography 46241
Pinheiro, R.J., Crane, C.D., Tulenko, J.S., Haddox, D. Surface segmentation of laser range images for automated facility mapping 35152
Pinheiro, W., Nachvalger, E.E., Oliveira, J.J.S., Caron, L.E., Ruvolo F., A., Castro, A.F., Faria, R.M., Oliveira, R.B.L., Dirani, E.A.T., Fonseca, F.J., Andrade, A.M. Study or polymeric material characteristics on covered conductors used in Brazil 38391
Pinheiro, W. *see* Dirani, E.A.T. 38359
Pinheiro, W. *see* Oliveira, J.J.S. 38390
Pinheiro de Alvarenga, B. *see* Neto, L.M. 29295
Pini, A. *see* Clavario, P. 49391
Pini, A. *see* Lauterbach, M. 48746
Pini, F. *see* Bartolucci, G. 56073
Pini, M. *see* Biancardi, A. 52033
Pini, R. Drilling and cutting transparent substrates with copper vapour lasers 175
Pinilla-Ramirez, J.A. *see* Roa-Sepulveda, C.A. 19081
Pinizzotto, R.F. *see* Coffer, J.L. 12004
Pinjo-Dzigal, Z. *see* Baldick, R. 50306
Pink, S. *see* Degermark, M. 16116
Pinkerton, G. How APT systems benefit the fab process cycle 7194
Pinkerton, G. New parametric-test technologies meet future production challenges 17219
Pinkerton, S.D. *see* Koga, R. 23275
Pinkham, R. RF and PCS: What you need to know 6629
Pinkola, J. *see* Gal, L. 31600
Pinkola, J. *see* Illyefalvi-Vitez, Z. 30215
Pinkowski, B. Principal component analysis of speech spectrogram images 56401
Pinkston, T.M. OMNI: An optoelectronic multichannel network interface based on hybrid CMOS-SEED technology 26124
Pinkston, T.M., Raksapatcharawong, M., Kuznia, C. An asynchronous optical token smart-pixel design based on hybrid CMOS-SEED integration 33328
Pinkus, C. *see* Wyrick, C. 20716
Pinna, G.D., Maestri, R., Mortara, A. Arterial blood pressure and heart period relationships during periodic breathing in chronic heart failure patients 49388
Pinna, G.D. *see* Maestri, R. 49390
Pinna, H. *see* Bury, P. 37542
Pinnau, H., Seemann, T. Lighting control saves energy costs in sports halls 9713
Pinnegar, A. Audioconferencing: multiplying the benefits 26270
Pinnington, T. *see* Kelson, I. 48897
Pinnock, R.A. *see* Shiping Chen 36609
Pinnow, M. *see* Danz, R. 54876
Pinnu, M.R., Sharma, N.K. Hardware implementation of windowing in a multicast packet switch 25849
Pino, A.G. *see* Lorenzo, M.E. 34236
Pino, A.G. *see* Obelleiro, F. 24464
Pino, A.G. *see* Obelleiro, F. 45064
Pino, A.G. *see* Obelleiro, F. 45300
Pino, J.L., Bhattacharyya, S.S., Lee, E.A. A hierarchical multiprocessor scheduling system for DSP applications 4799
Pinol, S. *see* Seffar, A. 3145
Pinoli, J.-C. *see* Mayet, F. 15449
Pinot, I. *see* Fridisch, M. 35847
Pinsker, M. *see* Bassalygo, L. 45492
Pinsker, M.S. *see* Bassalygo, L.A. 14811
Pinsker, M.S. *see* Bassalygo, L.A. 24749
Pinsky, M.A., Shumyatsky, I. Feedback stabilization of bifurcation phenomena and its application to the control of voltage instabilities and collapse 19059
Pinsonneault, D., Quirion, B., Lachambre, J.-L., Legros, C. Edge density profile measurements in TdeV using amplitude modulation reflectometry 36867
Pinsukanjana, P. *see* Parikh, P. 43144
Pintar, J. *see* Patti, J.J. 58215
Pintaske, J. *see* Vogt, W. 31407
Pintchovski, F. *see* Fiordalice, R. 2434
Pintelon, R., Schoukens, J., Vandersteen, G. Model selection through a statistical analysis of the global minimum of a weighted nonlinear least squares cost function 45747
Pintelon, R. *see* Vuerinckx, X. 15362
Pinter, I. *see* El-Sherbiny, M.A. 12650
Pinter, R.B. *see* Folsom, T.C. 56835
Pintilie, I., Pintilie, L., Pentia, E., Botila, T., Ofrim, D. Interface charge modulation in lead sulphide-ferroelectric ceramic heterostructures 3578
Pintilie, I. *see* Pintilie, L. 42279
Pintilie, L., Pintilie, I., Botila, T., Petre, D., Licea, I. Equivalent circuit analysis of a PbS/ferroelectric heterostructure 42279
Pintilie, L. *see* Pintilie, I. 3578
Pinto, A. *see* Lombardo, S. 22526
Pinto, A. *see* Lombardo, S. 32367
Pinto, A.de C. *see* de C. Pinto, A.
Pinto, I.M. *see* Galdi, V. 45287
Pinto, J.F., Esterowitz, L. Distributed-feedback laser action in Ce:LiCAF/LiSAF crystals 55592
Pinto, L. *see* Forlani, G. 60096
Pinto, M.R. *see* Frommer, A. 2651
Pinto, M.R. *see* Jallepalli, S. 2647
Pinto, M.R. *see* Jallepalli, S. 22859
Pinto, M.R. *see* Jallepalli, S. 42326
Pinto, M.R. *see* Vuong, H.-H. 43070
Pinto, N. *see* Ercoli, C. 58723
Pinto, N. *see* Sberveglieri, G. 7285
Pinto, N.G. *see* Xueqing Liu 28645
Pinto, R. *see* George, J. 1556
Pinto, R. *see* Kumar, D. 13497
Pinto, R. *see* Kurian, J. 10833
Pinto, R. *see* Rao, M.S.R. 1557
Pinto, R. *see* Srinivasu, V.V. 43761
Pinto De Sa, J., Afonso, J., Rodrigues, R. A probabilistic approach to setting distance relays in transmission networks 50630
Pintzos, S. Dynamic analysis of the double sided microslotline–single and coupled slot(s) 56090
Pinz, A., Prantl, M., Datlinger, P. Mapping the human retina 18202
Pinz, A., Prantl, M., Ganster, H., Kopp-Borotschnig, H. Active fusion–a new method applied to remote sensing image interpretation 25276
Pinz, A. *see* Ganster, H. 18203
Pinz, A. *see* Prantl, M. 5656
Pinz, A. *see* Prantl, M. 35133
Pinz, A. *see* Uray, P. 5059
Pio Lam Man *see* Man Pio Lam
Piontkovskii, A.I. *see* Baranenko, V.I. 38490
Pioro, M., Szczesniak, M. Routing of disjoint backup paths in ATM networks 25982
Pioro, M., Szczesniak, M. Robust design problems in telecommunication networks 35525
Piorowski, J.K. *see* Galwas, B.A. 17346
Piosczyk, B. *see* Lygin, V.K. 53987
Piotrowicz, P.J.A., England, J.M.C., Cleaver, J.R.A., Stanley, C.R., Holland, M.C. Submicron and low-temperature ohmic contacts on δ-doped GaAs 12803
Piotrowicz, S. *see* Gaquire, C. 53594
Piotrowska, A., Kaminska, E., Piotrowski, T.T., Piskorski, M., Guziewicz, M., Papis, E., Golaszewska-Malec, K., Kasjuniuk, S. Materials technology for GaSb-based optoelectronic devices 13899
Piotrowska, A. *see* Dietl, T. 2203
Piotrowska, A. *see* Grabecki, G. 12416
Piotrowska, A. *see* Grabecki, G. 42234
Piotrowska, A. *see* Jaroszynski, J. 12438
Piotrowska, A. *see* Kaminska, E. 12529
Piotrowski, A., Rowicki, S., Sztobryn, K. Units and accessories for telecommunication cables produced by RXS a Siemens company 48011
Piotrowski, J. Photodetectors for medium and far infrared operating at ambient temperature 17386
Piotrowski, J., Gawron, W. Ultimate performance of infrared photodetectors and figure of merit of detector material 48558
Piotrowski, J. *see* Hoff, J. 48522
Piotrowski, J. *see* Kim, J.D. 48669
Piotrowski, T.T. *see* Piotrowska, A. 13899
Piotrzkowski, K. Measurement of the longitudinal polarization of the HERA electron beam using crystals and the ZEUS luminosity monitor 49263
Piotrzkowski, R., Litwin-Staszewska, E., Przybytek, J. Photoionization of the Si-DX center in AlGaAs: the effects of pressure and local configuration 22234
Piouffle, B.Le *see* Le Piouffle, B.
Piovaccari, A. *see* Graffi, S. 1152
Piovano, B. *see* Accatino, L. 34488
Piovella, N. *see* Jaroszynski, D.A. 44590
Pipe, A.G. *see* Carse, B. 28727
Pipelier, F. *see* Solaiman, B. 18233
Piper, E. *see* Singer, W. 3531
Piper, J. *see* Yujing Huo 3779
Piper, J.A. Frequency extension of metal vapour lasers 3689
Piper, J.A. *see* Coutts, D.W. 176
Piper, J.A. *see* Hentschel, R.M. 55493
Piper, J.A. *see* Withford, M.J. 23740
Piper, W.S., Naghshpour, S. Government technology transfer: the effective use of both push and pull marketing strategies 119
Pipinys, P., Rimeika, A., Lapeika, V. On the current transport mechanism in metal-silicon dioxide-silicon structures 2288
Pipp, J. *see* Rozman, J. 37790
Piprek, J., Babic, D.I., Margalit, N.M., Bowers, J.E. Loss analysis of 1.55 μm vertical cavity lasers 44573
Piprek, J. *see* Guden, M. 3932
Piprek, J. *see* Peng, T. 12220
Pique, D. *see* Bakli, M. 42731
Pique, R. *see* Fossas, E. 51178
Piquemal, A. *see* Lemaire, J.L. 49167
Piquemal, F. *see* Frantsuz, E.T. 27198
Piquemal, F.P.M., Trapon, G.R., Geneves, G.P.J. AC measurements of the minimum longitudinal resistance of a QHE sample from 10 Hz to 10 kHz 17152
Piqueras, J., Mendez, B., Panin, G.N., Dutta, P.S., Dieguez, E. Application of cathodoluminescence microscopy to the study of native acceptors in gallium antimonide 41989
Piqueras, J. *see* Castaldini, A. 31826
Piqueras, J. *see* Cremades, A. 31823
Piqueras, J. *see* Cremades, A. 40421
Piqueras, J. *see* Pal, U. 31825
Piqueras, J. *see* Panin, G. 30772
Piqueras, J. *see* Panin, G. 31824
Piquero, G., Mejias, P.M., Martinez-Herrero, R. Generalized propagation law of laser beam parameters through thin pure-phase transmittances 55775
Piquet, H. *see* Fezzani, D. 60934
Piquet, H. *see* Szczesny, R. 9413
Piquette, J.C., Forsythe, S.E. A nonlinear material model of lead magnesium niobate (PMN) 32664
Piramidowicz, R. *see* Kaczmarek, S. 14030
Piramidowicz, R. *see* Malinowski, M. 3735
Piranda, B. *see* Di Monaco, O. 21885
Piranda, J. *see* Di Monaco, O. 21885
Pirani, S. *see* Genghini, M. 52044
Piras, A. *see* Buchenel, B. 19249
Piraux, L., Dubois, S., Ferain, E., Legras, R., Ounadjela, K., George, J.M., Maurice, J.L., Fert, A. Anisotropic transport and magnetic properties of arrays of sub-micron wires 43635
Piredda, G. *see* Arisaka, K. 37239
Piredda, G. *see* Arisaka, K. 37460
Pires, F. *see* Labiadh, A. 42645
Pires, F. *see* Passernard, G. 40693
Pires, J.J.O. Limits to optical switch matrices set by phase noise from semiconductor optical amplifiers 47493
Pires, L.F. *see* Quartel, D.A.C. 47176
Pirga, M., Kujawinska, M. Adaptive automatic shape measurement system 17767
Pirga, M., Kujawinska, M. Errors in two-directional spatial-carrier phase shifting method for closed fringe patterns analysis 35238
Pirga, M. *see* Kosinski, C. 48870
Pirila, N., Franssila, S., Kattelus, H.P., Orpana, M. Characterization of micron and submicron molybdenum etching by electrical linewidth measurements 54487
Pirila, P. *see* Lehtila, A. 9091
Pirinoli, P. *see* Orefice, M. 34407
Pirinoli, P. *see* Vecchi, G. 34244
Pirinoli, P. *see* Vecchi, G. 45401
Pirio, F. *see* Aubin, G. 6852
Piriou, F. *see* Leplat, P.M. 29299
Pirkl, W. *see* Bourgeois, M. 49273
Pirkl, W. *see* Bourquin, P. 49274
Pirkl, W. *see* Haseroth, H. 49278
Pirkmayer, T. *see* Kalkbrenner, G. 47382
Pirkul, H. *see* Amiri, A. 35521
Pirogov, E.N. *see* Bondar'kov, M.D. 28030
Pirogov, Yu.A., Antoshechkin, A.V., Gladun, V.V., Dubina, A.I., Tischenko, D.A. Scanning antenna array computer-controlled millimeter wave radiometer 17291
Pirola, M. *see* Bonani, F. 53595
Piron, L. *see* Reusens, E. 35192
Piron, L. *see* Reusens, E. 57252
Pironti, A. *see* Amato, F. 9729
Pirotte, F. *see* Fasso, A. 37923
Pirotte, P. *see* Anderson, L.E. 38257
Pirozhenko, V., Plink, O. HILBILAC development for accelerator-driven transmutation 7705
Pirozzi, E. *see* Di Nardo, E. 58604
Pirozzi, E. *see* Morandi Cecchi, M. 52554
Pirozzi, L. *see* Ventura, L. 39008
Pirozzi, M.A. A fast numerical method for mildly nonlinear parabolic initial boundary value problems II: The parallel implementation on the Intel Touchstone Delta system 628
Pirpich, E. Designing a more flexible programmable logic device–the XPLA 41050
Pirri, A.N. *see* Oakes, D.B. 12799
Pirri, C. *see* Hong, S. 10730
Pirri, C.F. *see* Giorgis, F. 52777
Pirri, C.F. *see* Yichun Liu 52778
Pirro, S. *see* Alexeev, G. 59200
Pirro, S. *see* Baccaro, S. 37459
Pirrone, S. *see* Aiello, S. 1483
Pirrone, S. *see* Aiello, S. 49328
Pirsch, P. *see* Hermann, K. 21738
Pirsch, P. *see* Hilgenstock, J. 41241
Pirsch, P. *see* Kneip, J. 1500
Pirsch, P. *see* Kneip, J. 31284
Pirsch, P. *see* Kneip, J. 46476
Pirsch, P. *see* Kropp, H. 15903
Pirtle, I.L. *see* Coffer, J.L. 12004
Pirtle, R.M. *see* Coffer, J.L. 12004
Pirttila, J. *see* Lehtinen, M.S. 60068
Piryatinskij, Ju.P. *see* Blonskij, I.V. 41859
Pisakin, A.V. *see* Swallom, D.W. 20053
Pisanelli, A.M. *see* Persaud, K.C. 36751
Pisani, M.Q., Foglia, C., Zucco, M., Sassi, M.P. Long term stabilization of a CO_2 laser on an OsO_4 molecular beam 27265

Pisani, U., Rosso, F., Brunetti, L. Measurements on frequency-scaled models of SIS-mixers 41392
Pisano, A.P. *see* Howe, R.T. 2870
Pisano, E. *see* Johnston, R.E. 37639
Pisano, E.D. *see* Fuchs, H. 18220
Pisarchik, A.N., Chizhevsky, V.N., Corbalan, R., Vilaseca, R. Experimental control of nonlinear dynamics by slow parametric modulation 55484
Pisarchik, A.N. *see* Chizhevsky, V.N. 44366
Pisarev, A.L., Portnoy, Yu.T. Characteristics of electric drive with three phase asynchronous motor operated from one-phase supply line via thyristor switch in frequency-step mode 51717
Pisarev, A.Yu. *see* Likhomanov, A.M. 50899
Pisarev, A.Yu. *see* Likhomanov, A.M. 51721
Pisareva, V.A. New IEC standard 17195
Pisarevsky, Yu.V. *see* Senjushenkov, P.A. 13237
Pisarkiewicz, T., Kolodziej, A. Current research on thin and thick film sensors at the Department of Electronics, University of Mining and Metallurgy in Krakow 36483
Pisarski, W.A. *see* Ryba-Romanowski, W. 14036
Pisarski, W.A. *see* Ryba-Romanowski, W. 14045
Piscaglia, B. *see* Thiran, J.-P. 59514
Piscaglia, P., Macq, B. Multiresolution lossless compression scheme 56727
Piscaglia, P., Macq, B., Memin, E., Perez, P., Labit, C. Parallelized robust multiresolution motion estimation 57022
Piscaglia, P. *see* Thiran, J.-P. 59514
Piscani, E.C. *see* West, L.C. 33062
Pischke, U. *see* Heller, C. 60732
Pisent, A. *see* Bisoffi, G. 49154
Pisent, A. *see* Dainelli, A. 49138
Pisent, A. *see* Fortuna, G. 49069
Pisent, A. *see* Lombardi, A. 37117
Piseri, C. *see* Narducci, D. 12298
Piseri, P., Barborini, E., Milani, P. Characterization of a pulsed arc cluster ion source for the production of metal clusters in molecular beams 7778
Pisharody, M. *see* Befomestnykh, S. 49247
Pisharody, M. *see* Hartung, W. 49248
Pisharody, M. *see* Rogers, J.T. 49250
Pisin Chen, Zhirong Huang, Ruth, R.D. Channeling acceleration: a path to ultrahigh energy colliders 17915
Piskarskas, A. *see* Danielius, R. 14366
Piskarskas, A. *see* Danielius, R. 24129
Piskarskas, A. *see* Heinz, P. 44424
Piskarskas, A. *see* Siruktkaitis, V. 44410
Piskorski, M. *see* Piotrowska, A. 13899
Piskorzh, V.V., Minervin, I.N. Impact of a multibeam channel on estimation accuracy of signal parameters 34864
Piskozub, A.Z. *see* Mychuda, Z.R. 1535
Piskun, N.Y. *see* Baryshev, Yu.P. 32198
Piskunov, N.M. *see* Golovanov, L.B. 18072
Pisoni, D.B. *see* Bradlow, A.R. 24858
Pissadakis, S. *see* Vainos, N.A. 14434
Pissaloux, E., Le Coat, F., Bonnin, P., Bezencenet, G., Durbin, F. A parallel method for matching of aerial images 35008
Pissaloux, E. *see* Bonnin, P. 57111
Pissaloux, E. *see* You, J. 25326
Pissaloux, E. *see* You, J. 25407
Pissaloux, E.E., Bonnin, P. On the evolution of parallel computers dedicated to image processing through examples of some French computers 48413
Pissaloux, E.E., Fernandez, Th., Bonnin, P., Bezencenet, G., Durbin, F. A correlation-based method for aerial images with target repetition matching 35006
Pissinou, N. *see* Jia, X. 57682
Pissinou, N. *see* Makki, K. 6476
Pissinou, N. *see* Makki, K. 46830
Pissinou, N. *see* Makki, K. *(editor)* 39594
Pissis, P., Kanapitsas, A., Delides, C. Dielectric and hygrothermal studies in rubber modified epoxy resins 43521
Pissis, P. *see* Neagu, E.R. 54879
Pissis, P. *see* Neagu, E.R. 58959
Pister, K.S.J. *see* Bult, K. 17268
Pister, K.S.J. *see* Lo, N.R. 2875
Pister, K.S.J. *see* Tsap, B. 11713
Pister, K.S.K. *see* Motamedi, M.E. 55476
Pistoia, G., Antonini, A., Wang, G. Impedance study on the reactivity of gel polymer electrolytes towards a lithium electrode 9518
Pistoia, G., Rosati, R. Synthesis of an efficient $LiMn_2O_4$ for lithium-ion cells 9517
Pistol, M.-E. *see* Seifert, W. 40320
Pistol, M.-E. *see* Seifert, W. 40372
Pistole, J.L. *see* Johnson, D.H. 25101
Pistora, J., Ciprian, D., Kantor, R., Postava, K., Sobota, J. Dark mode spectroscopy of magnetic thin films 3188
Pistora, J. *see* Postava, K. 32801
Pistre, J. *see* Bordieu, C. 27727
Pistre, J. *see* Dejous, C. 23284
Piszczor, M. *see* Avery, J. 37988
Piszczor, M. *see* Chmielewski, A.B. 18734
Piszczor, M.F. *see* Allen, D.M. 38017
Piszczor, M.F. *see* Ray, K.P. 51610
Pitarque, T. *see* Rostaing, P. 25830
Pitarresi, J.M. *see* Holub, I.R. 273
Pitarresi, J.M. *see* Singler, T.J. 30316
Pitas, I. *see* Bors, A.G. 5236
Pitas, I. *see* Chatzis, V. 5413
Pitas, I. *see* Kotropoulos, C. 15481
Pitas, I. *see* Kotropoulos, C. 57033
Pitas, I. *see* Nikolaidis, N. 25400
Pitas, I. *see* Puech, W. 25459
Pitas, I. *see* Sobottka, K. 5615
Pitas, I. *see* Sobottka, K. 46291
Pitas, I. *see* Voyatzis, G. 57232
Pitaval, M. *see* Venet, T. 12226
Pitcher, D. *see* Gunning, P. 26897
Pitcher, D. *see* Lucek, J.K. 26777
Pitcher, E.J. *see* Russell, G.J. 18062
Pitcher, R. *see* Burdess, J.S. 27550
Pitchford, L.C. *see* Liland, K.B. 9724
Pitchford, W.G. *see* Thwaites, D.I. 18582
Pitel, F. *see* Hamaide, J.-P. 26828
Pitel, F. *see* Kolltveit, E. 16720
Pitel, I.J. *see* Lee, B.S. 38815
Pitel, I.J. *see* Sewan Choi 29392
Pitel, J., Kovac, P. Influence of external magnetic fields on critical currents of solenoids wound with anisotropic HTS tapes–theoretical analysis 32936
Pitkanen, M. *see* Laine, H.-J. 59473
Pitkaranta, J., Suri, M. Design principles and error analysis for reduced-shear plate-bending finite elements 10423
Pitke, M.V. Due to public demand [wireless loop technology] 6355
Pitner, W.R. *see* Qing Liao 52741
Pito, R. A sensor-based solution to the "next best view" problem 5324
Pito, R. Mesh integration based on co-measurements 57256
Piton, M. *see* Sarrus, F. 51160
Pitrone, N. *see* Naso, C. 19317
Pitscheider, K. *see* Welfonder, E. 50767
Pitschke, W., Kurt, R., Heinrich, A., Schumann, J., Thomas, J., Mader, M. Structure and phase formation in amorphous Ir_xSi_{1-x} thin films at high temperatures 31881
Pitschke, W. *see* Burkov, A.T. 31931
Pitschke, W. *see* Burkov, A.T. 42008
Pitsillides, A., Sekercioglu, Y.A., Ramamurthy, G. Effective control of traffic flow in ATM networks using fuzzy explicit rate marking (FERM) 25856
Pitt, C.W. *see* Amirhaghi, S. 39906
Pitt, C.W. *see* Golan, G. 3026
Pitt, E. *see* Gisbertz, A. 59841
Pitt, K.E.G. *see* Free, C.E. 53646
Pitt, S. *see* Jones, R. 18600
Pittal, S. *see* Dinan, J.H. 36671
Pittenger, E. *see* Tsihrintzis, V.A. 20480
Pitter, M., Hugenschmidt, M.B., Behm, R.J. Electron spectroscopy study of the silver-diamond(100)-H interface 22424
Pitter, M., Jakeman, E., Harris, M. Heterodyne detection of enhanced backscatter 59057
Pittman, Q.J. *see* Malkinson, T.J. 18182
Pittman, R.B. Product and project planning: key to getting it right the first time 20769
Pittman, T.B. *see* Sergienko, A.V. 24611
Pittorino, L.A., Horn, A., Enslin, J.H.R. Dynamic power filter used for real-time power quality compensation 19267
Pitts, J. *see* Cosmas, J. 26243
Pitts, J.R. *see* Tsuo, Y.S. 39205
Pitts, R.N. Gulf of Mexico buoy communication system 59981
Pitz, H.H. *see* Stritt, N. 37534
Pitzer, D. *see* Bruchhaus, R. 52802
Pitzl, D. *see* Eick, W. 28034
Pitzl, D. *see* Eick, W. 59238
Pitzlc, D. *see* Bartel, W. 37084
Piunov, V.D., Matyuk, V.F. The residual-magnetization field pattern on local magnetization of a tube having property variation along the generator 43645
Piuri, V. *see* Alippi, C. 60526
Piuri, V. *see* Antola, A. 31250
Piuri, V. *see* Dadda, L. 21618
Piuri, V. *see* Demidenko, S. 53481
Piuri, V. *see* Fuschi, D.L. 26360
Piuri, V. *see* Shaoyun Wang 21650
Piva, P.G., Fafard, S., Dion, M., Buchanan, M., Charbonneau, S., Goldberg, R.D., Mitchell, I.V. Reduction of InGaAs/GaAs laser facet temperatures by band gap shifted extended cavities 44599
Pivac, B. *see* Sassella, A. 30915
Pivarc, J., Beuven, S., Seidel, P., Darula, M., Benacka, S. Theoretical and experimental investigation of phase coherence in shorted 2D arrays of high-T_c Josephson junctions 43810
Piven, L.A. *see* Bondar'kov, M.D. 28030
Pivin, D.P., Jr., Ferry, D.K. Mesoscopic transport properties of in-plane gate defined quantum wires 12457
Pivin, D.P., Jr. *see* Ferry, D.K. 2557
Pivnyak, G.G., Vipanasenko, S.I. Voltage control at big using equipment in the process of it's series connection 19238
Pivnyuk, N.A. *see* Akimov, V.A. 28024
Pivovarov, S.G. *see* Aulchenko, V.M. 37243
Pivovarov, V.R., Kolotilina, T.F. Creation of design documentation in developing electronic equipment 1038
Pixler, D. *see* Braun, D. 31100
Pixley, C., Strader, N.R., Bruce, W.C., Jaehong Park, Kaufmann, M., Shultz, K., Burns, M., Kumar, J., Jun Yuan, Nguyen, J. Commercial design verification: methodology and tools 36430
Pixley, C. *see* Qadeer, S. 1249
Pizer, S.M. *see* Fuchs, H. 18220
Pizer, S.M. *see* McAuliffe, M.J. 15992
Pizhang Zhou *see* Zhou Pizhang
Pizlo, Z., Rosenfeld, A., Weiss, I., Collins, R.T., Astrom, K., Verri, A., Gros, P., Hartley, R., Mohr, R., Quan, L., Basri, R., Jacobs, D. The geometry of visual space: about the incompatibility between science and mathematics 57142
Pizlo, Z. *see* Allebach, J.P. 52032
Pizzella, G. *see* Picardi, A. 61249
Pizzella, V. *see* Pasquarelli, A. 8007
Pizzi, R. *see* Favalli, L. 56493
Pizzini, S., Fontaine, A., Baudelet, F., Bobo, J.F., Piecuch, M. Spin-polarisation of copper in Co/Cu and Fe/Cu multilayers 3191
Pizzini, S. *see* Acciarri, M. 31951
Pizzo, A.Del *see* Del Pizzo, A.
Pizzocaro, C. *see* Manivannan, G. 55935
Pizzolato, R. *see* Taylor, M.J. 19319
Pizzuto, C. *see* Kalitzova, M. 32129
Pizzuto, C. *see* Marinova, Ts. 42503
Pizzuto, C. *see* Vitali, G. 12749
Pizzuto, C. *see* Vitali, G. 22506
Pjataev, V. *see* Antropov, V. 49276
Pla, C. *see* Olivares-Pla, M. 28426
Pla, F. *see* Calpe, J. 5183
Pla, F. *see* Sanchiz, J.M. 15538
Pla, J. *see* Sevic, J.F. 41470
Plaat, A., Schaeffer, J., Pijls, W., de Bruin, A. Best-first fixed-depth minimax algorithms 30509
Plaats, C.van der *see* van der Plaats, C.
Plaats, J.C.van der *see* van der Plaats, J.C.
Place, J. *see* Stach, J. 6295
Placentino, L., Pace, E., Naletto, G., Tondello, G. Performances of metachrome II as a scintillator for the far and vacuum ultraviolet spectral region 13832
Placet, M. *see* Humphreys, K.K. 29761
Plachke, D.-W. *see* Kondoh, E. 42631
Placido, F., Russell, J., Gou, Z. Graded-index films using aluminium oxynitrides 3562
Pladellorens, J. *see* Escofet, J. 39858
Plaessmann, H., Drobshoff, A., Bosenberg, W.R. Long-pulse, amplitude-modulated optical parametric oscillator 3970
Plag, H.-P. *see* Rautenberg, V. 60033
Plaga, R. *see* Krawczynski, H. 37287
Plagemann, B.H. *see* Graf, F.R. 33681
Plais, A., Lafragette, J.-L., Starck, C., Salet, P., Gerard, F., Fillion, T., Jacquet, J. Operation of 2-dimensional arrays os 1.3-μm surface-emitting lasers transferred onto a Si motherboard utilizing a AuSn soldering 44571
Plais, A. *see* Salet, P. 23997
Plaizier, M.A.B.D. *see* van Dieren, E.B. 37916
Plakhotnev, N.A. *see* Dlugosel'skii, V.I. 29082
Plakhotnik, V.Yu. *see* Belousov, V.I. 17273
Plaksin, E. *see* Metzler, P. 39349
Plaksin, O.A. *see* Chernov, V.M. 54896
Plamondon, R., Guerfali, W. Why handwriting segmentation can be misleading? 15547
Plana, L.A., Nowick, S.M. Concurrency-oriented optimization for low-power asynchronous systems 11279
Plana, R., Parra, T., Zanchi, C., Dienot, J.M., Gayral, M., Villard, M.J., Martin, J.C., Tizien, P.G., Graffeuil, J. An exhaustive non-linear modelling of GaInP-GaAs HBTs: application to a low phase noise Ku band VCO 53566
Plana, R., van Haaren, B., Escotte, L., Delage, S.L., Blanck, H., Graffeuil, J. Excess noise reduction in GaInP/GaAs heterojunction bipolar transistors 32379
Plana, R. *see* Borgarino, M. 54599
Planade, R. *see* Bordieu, C. 27727
Planade, R. *see* Dejous, C. 23284
Planat, M., Dos Santos, S., Lardet-Vieudrin, F. Carrier-to-envelope resonances, quasi periodicity and 1/f frequency noise in an injection-locked oscillator 11225
Planat, M. *see* Eckert, C. 21520
Planat, M. *see* Lardet-Vieudrin, F. 32779
Planel, R. *see* Pepin, A. 10845
Planel, R. *see* Teissier, R. 2108
Planer, S. *see* Schwartz, D.B. 23710
Planer, S. *see* Schwartz, D.B. 58390
Planes, J.G. *see* Cazaban, F. 27024
Plano, R. *see* Abe, K. 37234
Plano, W.E. *see* O'Brien, S. 33527
Plant, D.C. *see* Liu, Y.S. 13901
Plant, D.V., Robertson, B., Hinton, E.S., Ayliffe, M.H., Boisset, G.C., Goodwill, D.J., Kabal, D., Iyer, R., Liu, Y.S., Rolston, D.R., Venditti, H., Szmanski, T.H., Robertson, W.M., Taghizadeh, M.R. Optical, optomechanical, and optoelectronic design and operational testing of a multi-stage optical backplane demonstration system 55473
Plant, D.V., Robertson, B., Hinton, H.S., Ayliffe, M.H., Boisset, G.C., Hsiao, W., Kabal, D., Kim, N.H., Liu, Y.S., Otazo, M.R., Pavlasek, D., Shang, A.Z., Simmons, J., Song, K., Thompson, D.A., Robertson, W.M. 4×4 vertical-cavity surface-emitting laser (VCSEL) and metal-semiconductor-metal (MSM) optical backplane demonstrator system 13894
Plant, D.V. *see* Devenport, K.E. 33326
Plant, D.V. *see* Kabal, D.N. 33332
Plant, D.V. *see* Rolston, D.R. 3662
Plant, D.V. *see* Rolston, D.R. 33325
Plant, N. *see* Holland, K.T. 50083

Plant, T.K., Subramanian, M. Fiber optic components and systems at Oregon State University 48622
Plant, T.K., Troppenz, U., Huttl, B., Velthaus, K.O., Mauch, R.H. Electro-optic excitation/de-excitation effects in SrS:Ce ACTFEL devices from 15 to 300 K 55436
Plant, T.K. *see* Lite, K. 13811
Plant, T.K. *see* Troppenz, U. 55437
Plant, W.J., Hesany, V., Keller, W.C., Donelan, M.A. Dominant wave effects in wavetank measurement of microwave Doppler spectra 18888
Plant, W.J., Zurk, L.M. Dominant wave directions and significant wave heights from synthetic aperture radar imagery of the ocean 60079
Plant, W.J. *see* Hesany, V. 8490
Plant, W.J. *see* Weissman, D.E. 50111
Plante, M. *see* Anderson, L.E. 38257
Plante, T.D. *see* Cogan, S.F. 55369
Plantec, M. *see* Ferrara, K.W. 28134
Plantholt, M. *see* Niggemann, J. 35683
Plantier, A. *see* Baccar, Z.M. 7286
Plantive, E. *see* Pouliquen, H. 50327
Plas, C.Van der *see* Van Der Plas, C.
Plas, G.Van Der *see* Van Der Plas, G.
Plaschke, J. *see* Vucetic, J. 6603
Plaschke, M. *see* Radloff, D. 27968
Plasmati, R. *see* Montagna, P. 28313
Plass, W., Giesen, A. S on 1 laser damage measurements on CO_2-laser optics: defect- and stress-induced damage 55801
Plass, W., Maestle, R., Wittig, K., Voss, A., Giesen, A. High-resolution knife-edge laser beam profiling 24060
Plass, W., Voss, A., Schmid, N., Giesen, A. Calibrated CO_2–laser power calorimeter 55779
Plass, W. *see* Bartels, H. 55780
Plass, W. *see* Maestle, R. 55782
Plass, W. *see* Ristau, D. 59067
Plassche, R.J.van de *see* van de Plassche, R.J.
Plassmann, P.E. *see* Jones, M.T. 40259
Plasun, R. *see* Pichler, Ch. 13102
Plata, A. *see* Sandoz, P. 48916
Plataniotis, K., Regazzoni, C.S., Teschioni, A., Venetsanopoulos, A.N. A new distance measure for vectorial rank-order filters based on space filling curves 56932
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. Fuzzy adaptive filters for multichannel image processing 25320
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. Multichannel filters for image processing 25550
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. An adaptive multichannel filter for colour image processing 35287
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. Fuzzy filters for colour image processing 46522
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. Multichannel filtering for color image processing 57034
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. A new multichannel image processing filter 57125
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N., Lainiotis, D.G. A new time series classification approach 4858
Plataniotis, K.N., Sri, V., Androutsos, D., Venetsanopoulos, A.N. An adaptive nearest neighbor multichannel filter 15480
Plataniotis, K.N. *see* Venetsanopoulos, A.N. 57126
Plataniotis, N., Androutsos, D., Venetsanopoulos, A.N. Content-based colour image filters 35172
Plate, C., Tan, J. Performance analysis of a fault-tolerant B-tree ATM switch 57574
Plateau, G. *see* Maculan, N. 52392
Platen, K.T.Kohlmann-Von *see* Kohlmann-Von Platen, K.T.
Platero, G. *see* Aguado, R. 42230
Plath, M., Mangstl, A., Pohlmann, J.M., Friedrich, H. The concept of the literature and factual data management system LIMAS 6069
Plathner, B., Schicke, M., Lehnert, T., Gundlach, K.H., Rothermel, H., Aoyagi, M., Takada, S. A niobium nitride mixer with niobium tuning circuit 21903
Plathner, B. *see* Karpov, A. 17010
Platis, A., Limnios, N., Le Du, M. Performability of electric-power systems modeled by non-homogeneous Markov chains 38210
Platis, A.N., Limnios, N.E., Le Du, M. Asymptotic availability of systems modeled by cyclic non-homogeneous Markov chains [substation reliability] 60954
Plato, J.G. *see* Carlsten, B.E. 17986
Plato, R. On the discrepancy principle for iterative and parametric methods to solve linear ill-posed equations 10451
Platonenko, V.T. High-order harmonic generation on the leading edge of a laser pulse 14396
Platonenko, V.T., Strelkov, V.V., Ferrante, G., Miceli, V., Fiordilino, E. Control of the spectral width and pulse duration of a single high-order harmonic 14395
Platonenko, V.T. *see* Birulin, A.V. 14394
Platonenko, V.T. *see* Dzhidzhoev, M.S. 14289
Platonenko, V.T. *see* Dzhidzhoev, M.S. 55809
Platonov, A.V. *see* Kochereshko, V.P. 12396
Platonov, N.S. *see* Chemikov, S.V. 13998
Platonov, Yu.Ya. *see* Golubev, S.V. 18147
Platov, K.Yu. *see* Basler, M. 32926
Platschka, R. *see* Humer, K. 52892
Platt, D. *see* Barr, R.A. 38349
Platt, D. *see* Jovanovic, M.G. 29691
Platt, J. *see* Butler, K.M. 30178
Platt, U. *see* Stutz, J. 50038
Plattner, B. *see* Bauer, D. 57628
Plattner, B. *see* Wilde, E. 16421
Platz, R. *see* Fischer, D. 39129
Platzer, D., Hofer, E., Windisch, H. Modeling geometrical aspects in cardiac stimulation and propagation experiments 59582
Plaut, A.S. *see* Pellegrini, V. 22382
Plavitu, C.N. *see* Filip, V. 41752
Plawsky, J. *see* Min-Jin Ko 826
Player, G.M. Implementing CMMS: managing the process 20773
Plaza, A., Moreno, A., Pallares, V., Cantizani, J., Sanchez, F., Luna, J.J. A software design manual for printed circuits 41601
Plaza, G., Mesa, F., Horno, M. Computation of propagation characteristics of chiral layered waveguides 56085
Plaza, P. *see* Joly, J. 6411
Plazaola, F. *see* Gorria, P. 3080
Plaziac, N., Chon Tam Ledinh, Adoul, J.-P. PWL nonlinear adaptive filter via RLS and NLMS algorithms 56577
Plea, S. *see* Cavagnaro, M. 26646
Please, C.P. *see* Sykulski, J.K. 43755
Plechinger, J. *see* Jung, P. 47631
Plechinger, J. *see* Jung, P. 58153
Plechinger, J. *see* Jung, P. 58155
Pleiffer, F. *see* Rossmann, Th. 20979
Pleil, T., Mathauer, V. To look beautiful is not everything [interactive product design] 16464
Pleite, J., Prieto, R., Asensi, R., Cobos, J.A., Olias, E. Obtaining a frequency dependent and effect distributed model of magnetic components from actual measurements 40918
Pleitner, S. *see* Farrell, C. 46918
Plekhanov, A.I. *see* Zhuravlev, F.A. 24140
Plekhanov, A.V., Kudryavtsev, A.V., Zheleznyi, V.B., Khandryga, D.V. Macroparticle acceleration in a plasma armature railgun 14538
Plekhanov, A.V. *see* Galanin, M.P. 4216
Plekhanov, A.V. *see* Galanin, M.P. 33895
Plekhanova, I.V. *see* Oparin, A.N. 5444
Plenio, M.B. *see* Vedral, V. 45495
Plentz, F., Heiman, D., Pinczuk, A., Pfeiffer, L.N., West, K.W. Electron-hole separation in a two-dimensional electron system induced by electric fields 12498
Plenzler, G. Line-commutated thyristor inverter operation during short-circuits in power system 50523
Plesha, M.E. *see* Jú, S.H. 30382
Pleshka, V.N. *see* Botnaryuk, V.M. 54144
Pleshkov, O. *see* Noskov, M. 23136
Pleskacz, W.A. *see* Ouyang, C.H. 32534
Plesko, J. *see* Kane, C. 60674
Pleskonjic, D. A development environment for generating System for Universal Network Connecting 47043
Pless, I.A. *see* Haridas, P. 59198
Pless, V., Leon, J.S., Fields, J. All Z_4 codes of Type II and length 16 are known 56337
Pless, V., Sole, P., Zhongqiang Qian Cyclic self-dual Z_4-codes 45601
Plessen, G.von *see* von Plessen, G.
Plessier, B. *see* Hyunwoo Cho 21625
Plessis, B. *see* Pereira, P. 5599
Plessis, J.du *see* du Plessis, J.
Plessis, J.J.Du *see* Du Plessis, J.J.
Pletcher, D. *see* Hong, J. 55177
Pletner, Yu.D., Sveshnikov, A.G., Smirnov, A.Y. On the existence of solitary-wave type solutions to nonlinear equations with dispersion 45263
Plets, P., Rademakers, F., Van Cleynenbreugel, J., Bogaert, J., Suetens, P., Marchal, G. Magnetic resonance cardiac tagging: visualization of LV function parameters 37735
Plettemeier, D. *see* Wohlmuth, R. 56051
Plevridis, J.E. *see* Koukourlis, C.S. 17024
Plevridis, J.E. *see* Koukourlis, C.S. 27135
Plewa, W. *see* Schmidt, V. 4286
Plewes, D.B. *see* Sabol, J.M. 8030
Plews, A.D. *see* Baree, A.H. 53668
Plichta, M.G., Milne, G.W. Offset-free black restoration and simplified correlated double sampling for linear CCDs 48676
Plieth, W. *see* Migge, S. 10827
Plieth, W. *see* Rahner, D. 9483
Plieth, W. *see* Rahner, D. 29586
Plimmer, M.D. *see* Juncar, P. 17182
Plimmer, S.A., David, J.P.R., Dunn, G.M. Spatial limitations to the application of the lucky-drift theory of impact ionization 42906
Plimmer, S.A., David, J.P.R., Herbert, D.C., Rees, G.J., Houston, P.A., Robson, P.N., Grey, R., Pate, M.A., Higgs, A.W., Wight, D.R. Multiplication characteristics of thin $Al_xGa_{1-x}As(x=0$ to $0.3)$ diodes 2584
Plimmer, S.A. *see* Dunn, G.M. 12873
Plimmer, S.A. *see* Dunn, G.M. 42924
Plink, O. *see* Pirozhenko, V. 7705
Pliska, T., Solcia, C., Fluck, D., Gunter, P., Beckers, L., Buchal, C. Radiation damage profiles of the refractive indices of He^+ ion-implanted $KNbO_3$ waveguides 33058
Pliska, T. *see* Fluck, D. 13671
Pliskin, N., Romm, C.T., Markey, R. E-mail as a weapon in an industrial dispute 46988
Pliskin, N. *see* Romm, C.T. 26075
Plisko, T.A. *see* Bezrodnyi, V.I. 23638
Plisko, V. *see* Andreev, J. 45362
Pliss, N.S. *see* Sheptunov, O.A. 24460
Plite, G.J. Environmentally protected chip on board for military and aerospace applications 8254
Plite, G.J. Environmentally protected chip on board for military and aerospace applications 53848
Plo, M. *see* Gomez, F. 37446
Plociennik, P. *see* Bobrowski, R. 7072
Ploeg, B.van der *see* van der Ploeg, B.
Ploem, W.A.G.A. *see* Meeuwsen, J.J. 38330
Ploger, A., Onnasch, D.G.W. Reviewing the complete data set of a heart catheterization procedure using a World Wide Web interface 37934
Ploger, A., Onnasch, D.G.W. Implementation of an integrated heart catheterization laboratory 49478
Ploger, P. *see* Wilberg, J. 15503
Plokhinski, Yu.V. *see* Belov, A.S. 37190
Plomteux, O. *see* Levesque, M. 55771
Ploner, G., Smoliner, J., Strasser, G., Gornik, E. Temperature-dependent magnetotransport properties for systems of few quantum wires 12451
Ploner, G. *see* Hauser, M. 32326
Plonka, G., Tyma, G. Digital Signal Processors Laboratory Institute of Electronics, Technical University of Silesia: floating point processors 1488
Plonsey, R. *see* Barr, R.C. 49726
Plonsey, R. *see* Street, A.M. 49728
Plonsey, R. *see* Witkowski, F.X. 59376
Plonus, M.A. *see* Gerwe, D.R. 5216
Ploog, K. *see* Friedland, K.-J. 12386
Ploog, K. *see* Haug, R.J. 54713
Ploog, K. *see* Heiliger, H.-M. 10677
Ploog, K. *see* Heiliger, H.-M. 53525
Ploog, K. *see* Herfort, J. 12471
Ploog, K. *see* Herfort, J. 32036
Ploog, K. *see* Langbein, W. 2214
Ploog, K.H., Brandt, O., Yang, H., Menniger, J., Klann, R. Interplay between growth kinetics and material quality of cubic GaN 30837
Ploog, K.H. *see* Behrend, J. 803
Ploog, K.H. *see* Brandt, O. 2101
Ploog, K.H. *see* Brandt, O. 10700
Ploog, K.H. *see* Brandt, O. 21249
Ploog, K.H. *see* Kastrup, J. 42173
Ploog, K.H. *see* Notzel, R. 44662
Ploog, K.H. *see* Ramsteiner, M. 31830
Ploog, K.H. *see* Ramsteiner, M. 42219
Ploog, K.H. *see* Tournie, E. 10715
Ploog, K.H. *see* Trampert, A. 31846
Ploog, K.H. *see* Yang, H. 788
Ploog, K.H. *see* Yaokui Zhang 42203
Ploshinsky, A. Double circuit quadrature bridge for comparison of quantum Hall resistors with capacitors 27287
Ploss, B., Chan, H.L.W., Kwok, K.W., Choy, C.L. Resonance characteristics and polarization profile of partially poled P(VDF-TrFE) copolymer 54929
Ploss, B. *see* Fedosov, S.N. 54864
Plotka, P. *see* Liu, Y.X. 12887
Plotkin, E.I. Signal-controlled time-series modeling based on ARMA blocks, and separation of superimposed, overlapping spectra signals 4654
Plotner, M. *see* Stavreva, Z. 42427
Plotner, M. *see* Stavreva, Z. 42637
Plotner, M. *see* Torres, J. 12805
Plotner, M. *see* Zeidler, D. 42638
Plotnikov, V.K. *see* Andreev, V.A. 37025
Plotnikov, V.K. *see* Kolomiets, A.A. 49028
Plotnikov, V.K. *see* Lazarev, N.V. 49036
Plotnikov, V.M. Voronoy's cells and lattice digitization errors of a multivariate communication signal for the Gaussian channel 4766
Plotnikova, T.P. *see* Voskovtsova, L.M. 13532
Plougonven, C. *see* Bertagna, V. 12760
Plouin, F. *see* Martinez, E. 49350
Plouzennec, L. *see* Piernas, B. 55942
Plow, R.J. An integrated power plant with a new simplified local and remote user interface 50665
Plowes, J.A. *see* Healy, S.B. 3703
Pluetzer, S. *see* Drescher, P. 12069
Plugari, R., Vasile, E., Cobiami, C., Dascalu, D. Structural evolution of amorphous silicon films during P-implantation 42408
Plugaru, N. *see* Valeanu, M. 3151
Plugaru, R., Vasile, E., Cobianu, C., Dascalu, D. Investigation of the surface of P-implanted LPCVD silicon films 31772
Plugaru, R. *see* Cobianu, C. 40636
Plugis, J.A. Sampling systems for the dew point hygrometer 27981
Plumb, R. *see* Goodman, N. 8359
Plumb, R. *see* Leuschen, C. 8358
Plumb, R.G. *see* Chatterjee, D. 14705
Plumb, R.G. *see* Chatterjee, D. 35899
Plumb, R.G.S. *see* Gardiner, C.K. 26721
Plumb, R.G.S. *see* Kozlowski, D.A. 23988
Plumelle, F. *see* Fermigier, B. 27262
Plumelle, F. *see* Fermigier, B. 27280
Plumelle, F. *see* Fermigier, B. 48325
Plumey, J.P., Guizal, B., Chandezon, J. Coordinate transformation method as applied to asymmetric gratings with vertical facets 44027
Plummer, B. *see* Tahani, H. 25219

Plummer, C.J. *see* Walker, D.J. 49406
Plummer, J. *see* Iwanczyk, J.S. 37343
Plummer, J. *see* Segal, J. 59288
Plummer, J.D. TCAD--the semiconductor industry roadmap and a path to the future 54765
Plummer, J.D. *see* Auth, C.P. 2695
Plummer, J.D. *see* Auth, C.P. 22851
Plummer, J.D. *see* Biegel, B.A. 2561
Plummer, J.D. *see* Biegel, B.A. 54717
Plummer, J.D. *see* Chase, M.P. 32133
Plummer, J.D. *see* Crowder, S.W. 42336
Plummer, J.D. *see* Griffin, P.B. 41892
Plummer, J.D. *see* Leung, Y.K. 22819
Plummer, J.D. *see* Rousseau, P.M. 1970
Plummer, J.D. *see* Rousseau, P.M. 22539
Plummer, J.D. *see* Ying-Keung Leung 12990
Plummer, J.D. *see* Zhongjian Chen 43073
Plummer, S.E. *see* North, P.R. 8536
Plunkett, T.R. *see* O'Donoghue, K.F. 6130
Plusa, D., Wyslocki, B. Magnetization reversal processes in sintered Nd-Fe-B-Nb magnets 3148
Plusquellic, J.F., Chiarulli, D.M., Levitan, S.P. Digital integrated circuit testing using transient signal analysis 40968
Pluta, W. *see* Li, D. 49702
Pluzhnikov, S.N. *see* Gouzhva, Y.G. 27938
Plyavenek, A.G., Lyubarskii, A.V. Model for carrier capture and escape in multiquantum-well lasers: determination of effective capture time and differential gain 44437
Plyavenek, A.G., Lyubarskii, A.V. Analysis of carrier capture and escape in InGaAsP-InP quantum well lasers 55619
Pnueli, Y., Zussman, E. Evaluating the end-of-life value of a product and improving it by redesign 39700
Po, L.M. *see* Zhang, Y. 5017
Po Chih Lin *see* Kawabata, K. 48880
Po-Cheng Chen *see* Wen-Rong Wu 56565
Po-Cheng Wu, Liang-Gee Chen, Yeong-Kang Lai, Tsung-Han Tsai Design strategy for three-dimensional subband filter banks 56801
Po-chi Hu, Kleinrock, L. A queueing model for wormhole routing with timeout 46700
Po-Chi Hu, Kleinrock, L. A simple host deflection scheme for high-speed LANs using wormhole routing 57909
Po-Chiang Lu *see* Chaur-Heh Hsieh 15814
Po-Chiang Lu *see* Chung-Woei Chao 46455
Po-Chien Lin *see* Ching-Fuh Lin 3624
Po-Ching Hsu, Sying-Jyan Wang Testing and diagnosis of board interconnects in microprocessor-based systems 52157
Po-Ching Lu *see* Chung-Woei Chao 35038
Po-Chiun Huang *see* Chung-Ju Chang 6569
Po-Hung Lin *see* Lih-Wen Laih 22882
Po-Hung Lin *see* Shiou-Ying Cheng 42949
Po-Ki Chen *see* Shen-Iuan Liu 31412
Po-Lun Chen, Kuen-Cherng Lin, Wei-Ching Chuang, Yen-Chang Tzeng, Kun-Yi Lee, Wei-Yu Lee Analysis of a liquid crystal Fabry-Perot etalon filter: a novel model 44102
Po-Ning Chen, Alajaji, F. Strong converse, feedback channel capacity and hypothesis testing 34506
Po-Rong Chang Spread spectrum CDMA systems for subband image transmission 35283
Po-Rong Chang, Bor-Chin Wang Adaptive fuzzy proportional integral power control for a cellular CDMA system with time delay 16595
Po-Rong Chang, Chih-Chiang Chang Fiber-optic subcarrier multiplexed CDMA local-area networks for subband image transmission 16311
Po-Rong Chang, Wen-Hao Yang Environment-adaptation mobile radio propagation prediction using radial basis function neural networks 36012
Po-Song Chen, Shih-Arn Hwang, Cheng-Wen Wu A systolic RSA public key cryptosystem 4545
Po-Tai Cheng *see* Bhattacharya, S. 38823
Po-Tsun Liu *see* Chien-Chien Chiu 56019
Po-Wen Yen *see* Ching-Lin Fan 12946
Poate, J.M. *see* Eaglesham, D.J. 31744
Poate, J.M. *see* Gossmann, H.-J. 41890
Poate, J.M. *see* Herner, S.B. 54497
Poate, J.M. *see* Pelaz, L. 54359
Poate, J.M. *see* Picraux, S.T. 12702
Poate, J.M. *see* Tu, K.N. *(editor)* 39527
Pobanz, C.W., Itoh, T. Active integrated antennas 56135
Pobegailo, A.P. C^n interpolation on smooth manifolds with one-parameter transformations 505
Poblete, P.V., Viola, A., Munro, J.I. The diagonal Poisson transform and its application to the analysis of a hashing scheme 34557
Pocek, L., Arnold, J. *(editors)* Proceedings. IEEE Symposium on FPGAs for Custom Computing Machines (Cat. No.96TB100063) 20312
Poch, D. *see* Ruiz, R. 24827
Pocha, M., Strand, O.T., Kerns, J.A. A silicon microbench concept for optoelectronic packaging 20903
Pocha, M. *see* McGregor, D.S. 37323
Pocha, M.D., Strand, O.T., Kerns, J.A. Thermal study of silicon optical microbenches with on board heaters for soldering 33322
Pochec, P. *see* Hadi, S. 15738
Pochec, P. *see* Mandisodza, R.L.K. 11634
Pochernyaev, V.N. Plane-diametric joints of coaxial and coaxially sectorial waveguides 14667
Pochet, T., Leftheriotis, G., Gerard, P., Saumet, J.-L. Venous compliance identification by a new model of limb emptying measured by plethysmography: a preliminary study 59383
Pochet, T. *see* Brambilla, A. 37910
Pochet, T. *see* Foulon, F. 36560
Pochet, T. *see* Ilie, A. 37303
Pochet, T. *see* Jany, C. 31767
Pochetti, F. *see* Chianese, A. 29375
Pochi Yeh *see* Campbell, S. 4101
Pochi Yeh *see* Campbell, S. 4102
Pochi Yeh *see* Changxi Yang 33736
Pochi Yeh *see* Weishu Wu 13755
Pochi Yeh *see* Xianmin Yi 4031
Pochi Yeh *see* Zhiqing Wen 23625
Pochi Yeh *see* Zhiqing Wen 44135
Pochi Yeh *see* Zhiqing Wen 46115
Pochik, I. *see* Iovu, M.S. 12331
Pockelmann, R. *see* Weber, A. 54494
Pocock, M.D., Walker, S.P. The complex bi-conjugate gradient solver applied to large electromagnetic scattering problems, computational costs, and cost scalings 24439
Pocock, M.D., Walker, S.P. Radar cross section prediction using boundary integral equation methods with isoparametric quadratic surface modeling and iterative solvers 26977
Podaru, C., Bostam, C., Malide, C., Neagoe, O., Simion, M., Popescu, G., Gargancinc, D., Tzetci, N. An amperometric glucose biosensor 48702
Podcameni, A. *see* Conrado, L.F.M. 47967
Poddar, R., Brooke, M. Accurate, high speed modeling of integrated passive devices in multichip modules 41716
Podeyn, E. *see* Weise, T.H.G.G. 33865
Podeyn, F. *see* Weise, T.H.G.G. 33866
Podgorsak, E.B. *see* Olivares-Pla, M. 28426
Podgorsak, E.B. *see* Zankowski, C.E. 49829
Podgorsek, R.P. *see* El Joudi, El.M. 44767
Podgorski, J. *see* Lisik, Z. 40911
Podgorski, W.A. *see* Romaine, S.E. 28538
Podilchuk, C., Xiaoyu Zhang Face recognition using DCT-based feature vectors 25397
Podilchuk, C. *see* Weerackody, V. 47693
Podinovski, V.V. *see* Athanassopoulos, A.D. 30451
Podlaskin, B.G., Tokranova, N.A. Influence of the longitudinal electric field on the accuracy of determination of optical signal coordinates in a multiscan photodetector 7343
Podlaskin, B.G., Tokranova, N.A., Vasil'ev, A.V. Technological possibilities of enhancing the accuracy parameters of a multiscan photodetector 36578
Podlazov, V.S. *see* Allenov, A.V. 5753
Podlech, H. *see* Madert, M. 49186
Podlecki, J., Gouskov, L., Pascal, F., Pascal-Delannoy, F., Giani, A. 3.65 μm photodetection (atmospheric window) using $InAs_{0.91}Sb_{0.09}$ heteroepitaxially grown on GaAs substrates 17359
Podlecki, J. *see* Giani, A. 31819
Podlecki, J. *see* Malzac, J.P. 10712
Podlecki, J. *see* Malzac, J.P. 10713
Podlesak, M. *see* Philp, W.R. 21411
Podlesak, T., Singh, H., Carter, J., Creedon, J. On the feasibility of mounting an electrothermal chemical gun system on a combat vehicle 38185
Podlesak, T. *see* Burke, T. 32386
Podlesak, T. *see* Burke, T. 51401
Podlesak, T.F., Burke, T., Singh, H., Ayres, G., Schneider, S. Solid state switches for electric gun applications 33887
Podlesak, T.F., Singh, H., Behr, S., Schneider, S. A compact lightweight 125 mm thyristor for pulse power applications 45000
Podlesny, J.C. *see* Bennett, J.M. 55161
Podlevskyi, B., Savenko, P. Synthesis of the multibeams reflector antenna directivity patterns on the given magnitude 45365
Podobedov, B. *see* Byrd, J.M. 18004
Podobedov, B. *see* Decker, F.-J. 37123
Podobedov, B. *see* Robin, D. 17998
Podobedov, E.G. *see* Mashikhin, A.D. 20146
Podobedov, E.G. *see* Mashikhin, A.D. 20285
Podobedov, F.G. *see* Fel'dman, Yu.I. 20145
Podobedov, V.E. *see* Mashikhin, A.D. 9749
Podoleanu, A. *see* Seeger, M. 17791
Podoleanu, A. *see* Wacogne, B. 26774
Podoleanu, A. *see* Wacogne, B. 36089
Podoleanu, A.Gh., Dobre, G.M., Webb, D.J., Jackson, D.A. Coherence imaging by use of a Newton rings sampling function 7665
Podolsky, D., Kapustin, V. Alternating current distribution in heavy current contacts and conductors of arbitrary shape 11834
Podolsky, D. *see* Kapustin, V. 19907
Podolukh, I.Ya. *see* Zeldis, V.I. 16941
Podosenov, S.A., Sokolov, A.A., Al'betkov, S.V. Method for determining the electric and magnetic polarizability of arbitrarily shaped conducting bodies 33817
Podosenov, S.A. *see* Mikheev, O.V. 34265
Podsedkowski, L. A method of a clearance measurement in robot's joints 59003
Podshivalin, N.V. *see* Lyamets, Yu.Ya. 38439
Podshivalin, N.V. *see* Lyamets, Yu.Ya. 60442
Podsiadlo, M., Wysocki, M. Transputer based fuzzy controller for a mobile robot 7357
Podtburg, E.R. *see* Li, Q. 43766
Podurets, K.M. *see* Eichhorn, F. 42545
Poe, D.R. *see* Pudvay, D.J. 37074
Poeckelmann, R. *see* Weber, A. 40563
Poehler, T.O. *see* Kutcher, S.W. 2296
Poelman, C.J., Kanade, T. A paraperspective factorization method for shape and motion recovery 46308
Poelman, D., Van Meirhaeghe, R.L., Vermeersch, B.A., Cardon, F. Possibilities and limitations of blue electroluminescence in $CaS:Pb^{2+}$ thin films 44267
Poeppelmeier, K.R. *see* Edwards, D.D. 41994
Poeschel, R.L. *see* Ponti, E.S. 53981
Poeth, D.F., II, Ruud, C.O., Levine, S.H. The measurement of neutron cross sections for contrast-enhancing penetrant fluids 11012
Poettcker, M. *see* Hui, R. 33037
Pogacnik, F. *see* Bijele, M. 6008
Pogany, L., Hargitai, C., Varga, I. Arrangement for the investigation of domain behaviour under low-frequency magnetic fields 23304
Pogany, P., Ding, Y., Sprenger, M., Diez, S., Weber, H.G., Eichler, H.J. Photorefractive coupling of semiconductor laser amplifiers for 1.3 μm wavelength 55659
Pogany, P. *see* Ding, Y. 3862
Pogany, T. Statistical estimation of the bandwidth from irregularly spaced data 4849
Pogany, T. On certain discrete Kotel'nikov-Shannon formulas for stochastic processes 45785
Pogany, T., Tudor, M. Bandwidth estimator efficiency analysis in the irregular sampling restoration for deterministic signals 45786
Poggi, A. *see* Adegboyega, G.A. 32111
Poggi, A. *see* Castaldini, A. 32188
Poggi, G., Bini, M., DelCarmine, P., Meucci, F., Olmi, A., Stefanini, A.A., Taccetti, N. Response of ion implanted silicon detectors to fully stopped Au ions of 11.5 A MeV impinging along crystallographic directions 18118
Poggi, G. *see* Canta, G.R. 57467
Poggi, G. *see* Finelli, M. 60025
Poggi, M. *see* Bellato, M. 49141
Poggi, M. *see* Dainelli, A. 49138
Poggi, M. *see* Lombardi, A. 37117
Poggiani, R. *see* Luiten, A.N. 48500
Poggio, T. *see* Brunelli, R. 57199
Poggiolini, P. *see* Lu, C.L. 26709
Pogliano, U., Bosco, G.C. Determination of the frequency dependence of the AC/DC voltage standard at IEN 27356
Pogliano, U., Dallarto, C. Evaluation of the corrective terms in an integrating ADC used for high precision measurement of low frequency AC voltage 11523
Pogliano, U., Dallorto, C. Precision measurement of AC voltage under 20 Hz at IEN 27810
Pogorelaya, L.M. *see* Budarin, L.I. 17580
Pogorelov, Yu. *see* Aulchenko, V.M. 37214
Pogorelov, Yu.A. *see* Aulchenko, V.M. 37243
Pogorelsky, I.V. *see* Liu, Y. 18017
Pogorelsky, M.M. *see* Bochkov, V.D. 22167
Pogorelsky, M.M. *see* Bochkov, V.D. 22168
Pogorelsky, M.M. *see* Bochkov, V.D. 28053
Pogorelsky, Yu.V. *see* Alexeev, A.N. 12221
Pogorelsky, Yu.V. *see* Alexeev, A.N. 12713
Pogorzelski, S. Optimum polarization of radar antennas 26981
Pogrbnyakov, A.V. *see* Dostanko, A.P. 43824
Pogreb, R. *see* Cohen, G.B. 33144
Pogrebennik, V.D. Noise-immune measurement of the amplitude of flat-top pulse signals 48400
Pogrebniak, A.B. *see* Lukin, V.V. 26956
Pogrebniak, A.B. *see* Ponomarev, V.I. 46194
Pogrebniak, A.B. *see* Ponomarev, V.I. 58446
Pogromsky, A.Y., Fradkov, A.L., Hill, D.J. Passivity based damping of power system oscillations 50401
Poh, S., Baz, A. Distributed sensor for rectangular plates 17323
Poh Kim Leng *see* Kim Leng Poh
Pohjonen, H., Savolainen, S., Nikkinen, P., Poutanen, V.-P., Korppi-Tommola, T., Liewendahl, K. Abdominal SPET-MRI fusion in hepatic and splenic uptake studies of thrombocytes and colloids 28278
Pohl, A., Rouckhardt, H. Mode-matched InP waveguides for low-loss fiber-chip butt coupling 13897
Pohl, A. *see* Schwarz, S. 30348
Pohl, E.A. *see* Williams, J.G. 59860
Pohl, M. *see* Verlotski, V. 51616
Pohl, M.C., Griffiths, D.A. The importance of particle size to the performance of abrasive particles in the CMP process 2408
Pohl, R. *see* Bartels, H. 55780
Pohl, U.W., Freitag, S., Gottfriedsen, J., Richter, W., Schumann, H. Synthesis and properties of zinc-nitrogen compounds for the MOVPE of p-type ZnSe 40339
Pohl, U.W. *see* Kuttler, M. 2137
Pohl, Z. *see* Chrzan, K. 50644
Pohle, R. *see* Kovacs, M. 8676
Pohlman, J. *see* Ya-Chin King 2573
Pohlman, S. *see* Wellfare, M. 8675
Pohlmann, J.M. *see* Plath, M. 6069
Pohlmann, N. Security in networks 16159
Pohlmann, R. *see* Anke, I. 13543
Pohlmann, W. *see* Wedding, B. 26830
Pohm, A.V., Everitt, B.A., Beech, R.S., Daughton, J.M. Future projections and capabilities of GMR NV memory 3257

Pohoryles, B. *see* Bieg, B. 13803
Pohst, M. *see* Fieker, C. 40200
Poi, V. *see* Hector, S. 32290
Poignant, H., Bayon, J.F., Delevaque, E., Monerie, M., Mellot, J.L., Grot, D., Niay, P., Bernage, P., Douay, M. Influence of H_2 loading on the kinetics of Type IIA fibre Bragg grating photoinscription 43979
Poignant, H. *see* Bernage, P. 23472
Poignant, H. *see* Delevaque, E. 48025
Poignant, H. *see* Douay, M. 24268
Poignant, H. *see* Douay, M. 55261
Poignant, H. *see* Quetel, L. 13600
Poignant, H. *see* Shepherd, D.P. 23808
Poignant, H. *see* Taunay, T. 13617
Poignant, H. *see* Taunay, T. 43967
Poignant, H. *see* Xie, W.X. 24284
Poignon, C., Jeandel, G., Morlot, G. Study of ionic impurity mobility in quartz crystals by impedance and thermionic current measurements 2953
Poinard, F., Metrat, G., Gilles, G. Power control of a CO_2 laser 55501
Poindexter, E.H. *see* Warren, W.L. 13205
Pointcheval, D., Stern, J. Provably secure blind signature schemes 4565
Pointon, A.J. *see* Franklin, D.R. 3176
Pointon, C.T., Carrasco, R.A., Gell, M.A. Nonlinear dynamics in telecommunication systems: complex behaviour in nonlinear processing systems 16037
Pointurier, F., Laurec, J., Blanchard, X., Adam, A. Cosmic-ray induced background reduction by means of an anticoincidence shield 18154
Poirier, M.G., Sapundzhiev, C. Catalytic decomposition of natural gas to hydrogen for fuel cell applications 60471
Poirier, R. *see* Bricault, P.G. 49093
Poirier, R.L., Bricault, P.G., Jensen, K., Mitra, A.K. The RFQ prototype for the radioactive ion beams facility at TRIUMF 49095
Poirier, S. *see* Thevenoux, P. 38176
Poisson, F., Depollier, C., Coste, O. High-speed moving sources analysis 34961
Poitras, D. *see* Gujrathi, S.C. 13787
Poivey, C., Garnier, P., Carriere, T., Nagel, J. Single event effect proton and heavy ions test results for Ethernet local area network commercial devices 49939
Poivey, C. *see* Pease, R.L. 43254
Poizat, F. *see* Dufrene, C. 9051
Poizat, J.-C. *see* Artru, X. 49308
Pokachalov, S. *see* Obodovski, I. 23117
Pokala, S., Imtiaz, M., Shaw, A.K. Optimal least-squares design of pipelined recursive filters in the time-domain 15278
Pokam, M.R., Guillaud, J.-F., Michel, G. ATM networks allow multimedia in process control systems 47380
Pokasov, P.V. *see* Bagayev, S.N. 27376
Pokatilov, E.P., Fomin, V.M., Klimin, S.N., Bulaban, S.N. Characterization of nanostructures by virtue of the phenomena due to the electron-phonon interaction 2186
Poker, D.B. *see* Lowndes, D.H. 10745
Poker, D.B. *see* Lowndes, D.H. 21317
Poker, D.B. *see* Taylor, T. 13668
Poker, D.B. *see* Williams, E.K. 13667
Poker, D.B., Ila, D., Cheng, Y.-T., Harriott, L.R., Sigmon, T.W. *(editors)* Ion-Solid Interactions for Materials Modification and Processing. Symposium 9815
Pokharel, S., Ponnambalam, K. Investment planning for electricity generation expansion 60320
Pokhil'ko, S.N. *see* Chernogor, L.F. 34095
Pokhmurska, A.V. *see* Kiyak, S.G. 22545
Pokhodenko, V.D., Krylov, V.A. Conjugated polymers as active materials for rechargeable batteries 9501
Pokhodoun, A.I. *see* McEnvoy, H.C. 27365
Pokhodun, A.I. *see* Dolgikh, I.I. 59069
Pokojski, M. *see* Bechtold, K. 38607
Pokorny, J. *see* Basso, V. 3086
Pokorny, M., Ilaasz, V., Roztocil, J. Experimental results of A/D plug-in boards dynamic testing 11517
Pokryvailo, A., Kanter, M., Shaked, N. A two-stage opening switch for inductive energy storage systems 51629
Pol, M.de *see* de Pol, M.
Pol, M.J.van de *see* van de Pol, M.J.
Pol, M.Van Der *see* Van Der Pol, M.
Pol, S.L.Cruz *see* Cruz Pol, S.L.
Pol, V. *see* Capasso, C. 32299
Pola, J. *see* Drinek, V. 40584
Pola, J. *see* Jakoubkova, M. 898
Pola, S., Varanini, M., Macerata, A., Emdin, M., Cipriani, M., Marchesi, C. Bivariate spectral analysis of nonstationary cardiovascular variability series through cross Wigner distribution 37592
Pola, S. *see* Varanini, M. 49389
Poladian, L. *see* Ladouceur, F. 14680
Poladian, L. *see* Monro, T.M. 23537
Poladian, L. *see* Moss, D.J. 55263
Polak, A.J. *see* Voloshin, A.S. 36496
Polak, C. *see* Do, H.D. 3076
Polak, E. *see* Neto, C.K. 10003
Polak, M., Parrell, J.A., Polyanskii, A.A., Pashitski, A.E., Larbalestier, D.C. On the role of pre-existing, unhealed cracks on the bending strain response of Ag-clad $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ tapes 43735
Polak, M. *see* El-Marazki, L.O. 55136
Polak-Dingels, P. *see* Barbier, P.R. 6787
Polakos, P.A. *see* Korenivski, V. 7529
Polakovic, F. SHADOW(R) direct metallization update 11879
Poland, G.A. *see* Sanders, D.A. 59822
Poland, S.H. *see* Grace, J.L. 17403
Polasko, M. A detector for optical code-division multiple-access system with co-channel interference cancellation 58398
Polchen, U. *see* Baake, B. 19137
Polchlopek, H.M., Noonan, J.P. Wavelets, detection, estimation, and sparsity 45866
Polemi, D. *see* Pedersen, J.P. 4506
Polensky, D. *see* Kuo, D. 33769
Polenta, L. *see* Castaldini, A. 31826
Poles, E., Goldberg, S.Y., Fainberg, B., Huppert, D., Hanna, M.C., Rosenwaks, Y. The effects of carrier transport on the photoluminescence of degenerate electron-hole plasma in GaAs epilayers 2042
Polese, E. *see* Bomitali, E. 26368
Polesello, P. *see* Manfredotti, C. 37318
Polesello, P. *see* Manfredotti, C. 37320
Poleshchuk, V.I. Invariant multiloop cascaded control in electric DC drive with two-mass elastic entity 61187
Poletaev, N.K. *see* Lebedev, A.A. 10680
Poletaeva, A.I., Flegontov, Yu.A. Light propagation in multilayer nonlinear intensity filters with flux concentrators 23639
Poletti, M. The design of encoding functions for stereophonic and polyphonic sound systems 27195
Poletto, F. *see* Dainelli, A. 49138
Poletto, L. *see* Boscolo, A. 28056
Polevich, S.A. *see* Nikiforov, A.Y. 44845
Polevoi, V.G. *see* Biryukov, S.V. 3020
Polevoi, V.G. *see* Biryukov, S.V. 3021
Polevoy, L. *see* Witter, G. 11826
Polewka, T. *see* Hetzel, P. 36938
Polezhaev, S.A. *see* Fursei, G.N. 53898
Polezhaev, Yu.V. *see* Varaksin, A.Yu. 49006
Poli, J. *see* Teijido, J.M. 3637
Poli, R. Genetic programming for image analysis 57039
Poli, R., Valli, G. An algorithm for real-time vessel enhancement and detection 28164
Poli, R., Valli, G. Shape from radiological density 59492
Poli, S. *see* Seki, M. 11644
Poliakoff, J.F. *see* Yew Kee Wong 25338
Polian, A. *see* Perlin, P. 22236
Polian, A. *see* Sapelkin, A.V. 22274
Polian, A. *see* Sapelkin, A.V. 42005
Polian, A. *see* Tinoco, T. 22290
Policarpo, A.J.P.L. *see* Araujo, H.M. 36565
Policastro, M., Torriano, D. Torque analysis of the Bucherot induction motor 29302
Polichar, A. *see* Polichar, R. 37558
Polichar, R., Schirato, R., Shreve, D., Reed, J., Polichar, A. Energy selective imaging systems based on monolithic CdZnTe arrays operated in a high speed counting mode 37558
Polidori, L. *see* Armand, P. 27028
Polidori, L. *see* Caillault, S. 16924
Polidoro, P. *see* Labruzzo, G. 13336
Polignano, M.L., Cazzaniga, F., Sabbadini, A., Queirolo, G., Cacciato, A., Di Bartolo, A. Comparison among lifetime techniques for the detection of transition metal contamination 31771
Polikarpova, N. On the fractal features in fingerprint analysis 5628
Poliker, E. *see* Dianov, V.N. 27412
Polisan, A. *see* Izu, M. 39180
Polischuk, T. Single-board computers reap benefits of new processor and bus technologies 21750
Polishchuk, V.G. *see* Golovanov, A.V. 29101
Polisski, A. *see* Cole, B.E. 42174
Polisski, G., Averboukh, A.B., Kovalev, D., Koch, F. Control of silicon nanocrystallite shape asymmetry and orientation anisotropy by light-assisted anodization 42489
Polisskii, G., Koch, F., Sreseli, O.M., Andrianov, A.V., Koch, F. Luminescence of porous silicon in the infrared spectral region at room temperature 54016
Polisskii, G. *see* Lebedev, E.A. 12187
Polistchook, V.P. *see* Batenin, V.M. 23198
Politi, G. *see* Aiello, S. 1483
Politi, G. *see* Aiello, S. 49328
Politi, M. *see* Bernasconi, V. 47637
Polivanov, Yu.N. *see* Huisken, F. 24174
Polivka, J. Measuring the permittivity of concrete at millimeter waves 17740
Polivka, J. Mapping field density distribution in radiators by microwave noise 17758
Polivnikova, O.V. *see* Djubua, B.C. 53912
Polivnikova, O.V. *see* Djubua, B.Ch. 41763
Poljak, M., Bojanic, B. A new series of combined transformers 60832
Poljakov, I.V. *see* Nikiforov, A.Y. 21678
Poljakova, I.P. *see* Czenviliska, A. 49703
Poljakova, I.P. *see* Titomir, L.I. 59680
Polke, M. *see* Arnold, M. 35710
Poll, R. *see* Rauwolf, T.P. 59572
Polla, D. *see* Zurn, S. 1917
Polla, D.L. *see* Hyeon-Seag Kim 12577
Pollack, M.W. Communications-based signaling: advanced capability for mainline railroads 16428
Pollack, S. *see* Goldman, R. 28323
Pollack, S.A. *see* Kalisky, Y. 14267
Pollack, S.A. *see* Moncorge, R. 3991
Pollak, F.H. *see* Holden, T. 41918
Pollak, F.H. *see* Leibovitch, M. 54160
Pollak, F.H. *see* Tamargo, M.C. 21243
Pollakowski, M. Electromagnetic compatibility of VDSL 58037
Pollakowski, M. *see* Huish, P. 26389
Pollara, F. *see* Benedetto, S. 4467
Pollara, F. *see* Benedetto, S. 4474
Pollara, F. *see* Benedetto, S. 24682
Pollard, A. *see* Sullivan, P. 17863
Pollard, A.E. *see* Cates, A.W. 59583
Pollard, A.E. *see* Huelsing, D.J. 59575
Pollard, A.E. *see* Lit, L. 59577
Pollard, A.J. *see* Ng, K.W. 16202
Pollard, B., Betti, P., Proctor, D. A systematic team approach for improving LPCVD silicon nitride reactor performance 32107
Pollard, B. *see* Mead, J.B. 18824
Pollard, G. *see* Orvek, K.J. 2526
Pollard, K.R., Lewellen, T.K., Kaplan, M.S., Haynor, D.R., Miyaoka, R.S., Eary, J.F., Durack, L.D. Energy-based scatter corrections for scintillation camera images of iodine-131 49488
Pollard, P. *see* Milne, R.G. 50212
Pollard, R.D. *see* Boglione, L. 40845
Pollard, R.D. *see* Boglione, L. 41430
Pollard, R.D. *see* Bratherton, J.R. 11669
Pollard, R.D. *see* Collins, C.E. 53635
Pollard, R.D. *see* Elamaran, B. 16804
Pollard, R.D. *see* Joshi, K.K. 45349
Pollard, R.D. *see* Lu, K. 54596
Pollard, R.D. *see* Zhang, G. 11706
Pollard, R.T. *see* Challenor, P.G. 28649
Pollefeys, M., Van Gool, L., Oosterlinck, A. The modulus constraint: a new constraint self-calibration 5090
Pollet, T., Moeneclaey, M. Multicarrier modulation for multimedia communications: Symbol timing and carrier phase synchronization issues 47359
Polley, R., Malinowski, K., Greco, O.T., Ebner, E., Rodiger, W., Luccese, F.A., Res, J.C.J., Van Woersem, R.J., Beljaev, O., Vaskelyte, J., De Vivie, E.R., Schaldach, M. Validation of closed loop rate adaptive pacing based on right ventricular mechanics 28438
Polli, E. *see* Rossi, P. 18092
Pollini, G.P. *see* Chih-Lin I 36017
Pollnau, M. *see* Wittwer, S. 3766
Pollock, B.E. *see* Flickinger, J.C. 59765
Pollock, C., Chi-Yao Wu Acoustic noise cancellation techniques for switched reluctance drives 61114
Pollock, C. *see* Barnes, M. 51698
Pollock, C. *see* Michaelides, A. 29278
Pollock, C. *see* Michaelides, A. 50944
Pollock, C. *see* Michaelides, A.M. 61127
Pollock, C. *see* Richardson, K.M. 9189
Pollock, C. *see* Richardson, K.M. 29782
Pollock, C.R., Barber, D.B., Jaspan, M. Recent progress in Cr^{4+} lasers 33445
Pollock, C.R. *see* Hayduk, M.J. 55549
Pollock, C.R. *see* Hayduk, M.J. 55564
Pollock, G.A. *see* Bernstein, B.B. 50222
Pollock, H., Flower, J.O. New method of power control for series-parallel load-resonant converters maintaining zero-current switching and unity power factor operation 29912
Pollock, J. *see* Li, S. 20880
Pollock, J.T.A. *see* Murray, W. 8614
Polloni, R. *see* Gonella, F. 3954
Polman, A., Custer, J.S., Zagwijn, P.M., Molenbroek, A.M., Alkemade, P.F.A. Segregation and trapping of erbium at a moving crystal-amorphous Si interface 31759
Polman, A. *see* Coffa, S. 42368
Polman, A. *see* van der Weg, W.F. 22525
Polman, B. *see* Axelsson, O. 537
Polman, B. *see* Layton, W. 653
Polo, M.C., Sanchez, G., Wang, W.L., Esteve, J., Andujar, J.L. Growth of diamond films on boron nitride thin films by bias-assisted hot filament chemical vapor deposition 40600
Poloiko, I.G. *see* Kalashnikov, V.L. 14020
Poloiko, I.G. *see* Kalashnikov, V.L. 44600
Poloiko, I.G. *see* Kalashnikov, V.L. 55833
Polonsky, S. RSFQ: What we know and what we don't 3289
Polonsky, S. *see* Patra, P. 53228
Poloskin, D.S. *see* Astrova, E.V. 44220
Poloujadoff, M. *see* Bouchiker, S. 60898
Poloujadoff, M. *see* Kim, K.S. 51774
Poloyko, I.G. *see* Kalashnikov, V.L. 44406
Pols, E.K.H.van der *see* van der Pols, E.K.H.
Pols, L.C.W., Xue Wang, ten Bosch, L.F.M. Modelling of phone duration (using the TIMIT database) and its potential benefit for ASR 4579
Pol'shchikov, V.P. *see* Bakit'ko, R.V. 48163
Polski, Y. *see* Il'in, G. 7659
Pol'skii, O.G. *see* Korenkov, I.P. 60089
Polstyanko, S.V., Dyczij-Edlinger, R., Jin-Fa Lee Full wave vector Maxwell equation simulation of nonlinear self-focusing effects in three spatial dimensions 44718
Poltanov, A., Jygailo, N., Bykov, M., Glinov, A., Svobodov, A., Belyakov, A., Chernetskaya, N. Study of new materials for railgun launchers 33876
Poltanov, A.E. *see* Kondratenko, A.K. 33901
Poltavets, V.N. *see* Kovalev, L.K. 60703

Poltavets, V.N. *see* Kovaliov, L.K. 29266
Poltoratskii, E.A. *see* Il'ichev, E.A. 31158
Poltoratskii, E.A. *see* Il'ichev, E.A. 42402
Poltz, J. Software for interconnect analysis and design rule generation 31155
Polukhin, A.T. *see* Belanov, A.S. 58770
Polunin, S.P. *see* Astrov, D.N. 7283
Polushin, P.A. *see* Samoilov, A.G. 40868
Polushkin, A.K. *see* Ignatenko, E.I. 19466
Polushkin, V., Wallis, M., Glowacka, D., Matthews, A., Lumley, J.M. A miniature magnetometer based on the superconducting quantum interference device with direct readout electronics 48443
Poluyan, E.S. *see* Kim, P.D. 3182
Poluzzi, R. *see* Attias, R. 56802
Polyak, L. *see* Katz, E. 20039
Polyakoc, S.N. *see* Balbashov, A.M. 43747
Polyakov, A.F. *see* Golovanov, A.V. 29101
Polyakov, A.F. *see* Varaksin, A.Yu. 49006
Polyakov, A.G. *see* Guslyakov, V.T. 48222
Polyakov, A.N. *see* Tsyganov, Yu.S. 58658
Polyakov, A.S., Rovnyi, S., Skiba, O.V., Lloubtsev, R.I., Bourges, J., Bernard, H., Brossard, P., Boesch, A., Josso, J., Sicard, B., De Feraudy, P. Investigation of processes for converting weapons plutonium into MOX fuel at the TOMOX facility 19502
Polyakov, A.Y., Shin, M., Freitas, J.A., Skowronski, M., Greve, D.W., Wilson, R.G. On the origin of electrically active defects in AlGaN alloys grown by organometallic vapor phase epitaxy 2015
Polyakov, A.Y., Shin, M., Qian, W., Skowronski, M., Greve, D.W., Wilson, R.G. Growth of AlBN solid solutions by organometallic vapor-phase epitaxy 30753
Polyakov, A.Y., Shin, M., Skowronski, M., Greve, D.W., Wilson, R.G., Govorkov, A.V., Desrosiers, R.M. Growth of GaBN ternary solutions by organometallic vapor phase epitaxy 52721
Polyakov, N.P., Kalinov, A.A. 2 kW DC power supply with 100 kV output voltage 29439
Polyakov, P.F., Davidenko, M.G. Elevation plane scanning synthetic aperture radar: resolution and accuracy of point target localization 27060
Polyakov, S.V., Trofimov, V.A. An absorbing, optically bistable integrated circuit based on semiconductor elements 32531
Polyakov, V. *see* Stietz, F. 2028
Polyakov, V.A. *see* Mishin, A.V. 49277
Polyakov, V.I., Rukovishnikov, A.I., Perov, P.I., Khomich, A.V., Sukhanov, A.A., Dorfman, B.F., Pypkin, B.N., Abraizov, M.G., Druz, B. Optical and electrical properties of metal-diamond-like atomic-scale composite (DLASC) films and DLASC/Si heterostructures 54268
Polyakov, V.I. *see* Karabutov, A.V. 53922
Polyakov, Yu. *see* Semenov, V. 31341
Polyanskii, A.A. *see* Polak, M. 43735
Polyansky, O. *see* Tarasov, M. 32929
Polycarpou, A.C., Lyons, M.R., Aberle, J.T., Balanis, C.A. Analysis of arbitrary shaped cavity-backed patch antennas using a hybridization of the finite element and spectral domain methods 34225
Polychronakos, V. *see* Fernow, R.C. 17931
Polychronakos, V. *see* Palmer, R.B. 17966
Polychroniadis, E.K. *see* Daviti, M. 30691
Polychronopoulos, S.J., Athanasoulias, G.B., Uzunoglu, N.K. Advanced mode solver using an integral equation technique and entire domain plane wave basis functions 55245
Polydoros, A. Per-survivor processing (PSP): The integrated digital receiver 26470
Polydoros, A. *see* Chugg, K.M. 14778
Polygalov, E. *see* Nigmatullin, R. 43433
Polynzev, Yu.V. *see* Grigoriev, Yu.G. 37894
Polyzos, G.C. *see* Etherton, D.C. 47200
Polyzos, G.C. *see* Sariowan, H. 46648
Polyzos, G.C. *see* Xylomenos, G. 25927
Polyzos, N., Tatakis, E., Safacas, A. Comparison between theoretical and real characteristics of zero voltage switching quasi-resonant converters 51362
Polyzos, N. *see* Tatakis, E. 9396
Polz, E. *see* Balz, C. 7198
Polzer, E. *see* Doyle, R. 22113
Polzer, E.K. *see* Guillaume, B. 41522
Polzik, E.S. *see* Georgiades, N.P. 27377
Polzik, E.S. *see* Lodahl, P. 55899
Polzius, R., Schneider, T., Bier, F.F., Bilitewski, U., Koschinski, W. Optimization of biosensing using grating couplers: immobilization on tantalum oxide waveguides 7451
Polzleitner, W., Casasent, D. Stereo disparity computation using Gabor filters and feature selection techniques 5456
Polzleitner, W., Casasent, D. A unified approach to control point detection and stereo disparity computation 35017
Pomalaza-Raez, C. *see* Oloomi, H.M. 56457
Pomalaza-Raez, C.A., Hemminger, T.L., Whitehill, E. Algorithms for routing in multicast packet radio networks 58096
Pomalaza-Raez, C.A. *see* Hemminger, T.L. 16531
Pomalaza-Raez, C.A. *see* Hemminger, T.L. 46804
Pomarico, J.A., Russo, N.A., Sicre, E.E., Patrignani, B. Optical velocimetry based on the spatial correlation of off-axis image speckle patterns 17794
Pomerance, C. *see* Crandall, R. 40081
Pomeranz, H. Many mail domains, one machine: the forwarding mailer 16182
Pomeranz, I., Reddy, S.M. Fault location based on circuit partitioning 1209
Pomeranz, I., Reddy, S.M. On dictionary-based fault location in digital logic circuits 21562
Pomeranz, I., Reddy, S.M. On cancelling the effects of logic sharing for improved path delay fault testability 40967
Pomeranz, I., Reddy, S.M. Low-complexity fault diagnosis under the multiple observation time testing approach 52158
Pomeranz, I., Reddy, S.M. On test generation for interconnected finite-state machines–the input sequence propagation problem 53119
Pomeranz, I., Reddy, S.M. On the detection of reset faults; in synchronous sequential circuits 53181
Pomeranz, I., Reddy, S.M. On full reset as a design-for-testability technique 53189
Pomeranz, I., Saxena, N.R., Reeve, R., Kulkami, P., Li, Y.A. Generation of test cases for hardware design verification of a super-scalar Fetch Processor 31329
Pomeranz, I. *see* Kajihara, S. 11290
Pomeranz, I. *see* Kajihara, S. 53217
Pomeranz, I. *see* Rudnick, E.M. 41036
Pomerene, A. *see* Capasso, C. 32299
Pomerene, A.T. *see* Acosta, R.E. 38760
Pomerol, J.-C. Diagnosis and look-ahead machines 40006
Pomeroy, S. *see* Hammon, J. 51262
Pomeroy, W.R.M. *see* Huckridge, D. 38169
Pomfrett, C.J.D., Pearson, A.J. EEG monitoring using bispectral analysis 49645
Pomianowski, P. *see* Sivertz, M. 37456
Pomilio, J.A., Rossetto, L., Tenti, P., Tomasin, P. Performance improvement of soft-switched PWM rectifiers with inductive load 29402
Pomilio, J.A. *see* Vendrusculo, E.A. 9404
Pommeray, M. *see* Kastelik, J.C. 55337
Pommereau, F. *see* Bachmann, M. 6715
Pommereau, F. *see* Ducellier, T. 47962
Pommerehne, J. *see* Schaefer, O. 33292
Pommerenke, D., Aidam, M. ESD: Waveform calculation, field and current of human and simulator ESD 33801
Pommerenke, D. *see* Jobava, R. 24349
Pommerenke, D. *see* Zaridze, R. 24336
Pommet, D.A. *see* Sanchez, D. 33207
Pomoni, K. *see* Karoutsos, V. 31873
Pompe, B. A tool to measure dependencies in data sequences 56239
Pompe, J.C. *see* van Putten, M.J.A.M. 28072
Pompe, W. *see* Gorbunov, A.A. 12704
Pompe, W. *see* Gorbunov, A.A. 53815
Pompe Van Meerdervort, H.F. *see* Faghri, P.D. 49754
Pompeo, F.L., Call, A.J., Coffin, J.T., Buchwalter, S.L. Reworkable encapsulation for flip-chip packaging 30290
Pompili, M., Mazzetti, C., Bartnikas, R. Simultaneous measurements of PD in oil using conventional narrow band and ultra wide band detection systems 23123
Pompili, M. *see* Chianese, A. 29375
Pompili, M. *see* Lupo, G. 32628
Pomrenke, G.S. *see* Silkowski, E. 54369
Ponater, M., Brinkop, S., Sausen, R., Schumann, U. Simulating the global atmospheric response to aircraft water vapour emissions and contrails: a first approach using a GCM 8220
Ponce, D. *see* Callis, R.W. 22178
Ponce, F.A. Defects and interfaces in GaN epitaxy 52637
Ponce, F.A., Bour, D.P. Nitride-based semiconductors for blue and green light-emitting devices 55463
Ponce, F.A. *see* Dupuis, R.D. 21280
Ponce, F.A., Dupuis, R.D., Nakamura, S., Edmond, J.A. *(editors)* Gallium Nitride and Related Materials. First International Symposium 20309
Ponce, J. *see* Shimshoni, I. 46422
Ponce, L., Jimenez, E., Leon, R., Garcia, T., Pena, J.L., Bartolo-Perez, P., Machorro, R., Siqueiros, J., Cota-Araiza, L., Farias, M.H. Preparation and characterization of tin oxide thin films by pulsed laser deposition 2057
Ponce, M., Arau, J. A fluorescent lamp electronic ballast for photovoltaic applications using the class E amplifier 20217
Ponce, M.A. *see* Nava, R. 40696
Ponce, M.A. *see* Rejon, L. 939
Ponce, M.A. *see* Rejon, L. 54965
Poncelet, G. *see* Sibille, A. 45453
Poncet, A. *see* Fornara, P. 43238
Ponchak, G.E., Katehi, L.P.B. Design of layered ridge dielectric waveguide for millimeter and submillimeter wave circuits 53526
Ponchak, G.E., Robertson, S., Brauchler, F., East, J., Katehi, L.P.B. Finite width coplanar waveguide for microwave and millimeter-wave integrated circuits 53645
Poncino, M. *see* Baldi, M. 5883
Poncino, M. *see* Baldi, M. 57631
Poncino, M. *see* Hyunwoo Cho 21624
Poncino, M. *see* Macii, E. 54787
Pond, J.M. *see* Horwitz, J.S. 40623
Pond, L.L., III *see* Moore, K.E. 21929
Pong, L.T., Hunt, R.N.M. Common cause failure analysis of motor operated valves at the Washington Nuclear Plant 2 38533
Pong, L.T., Hunt, R.N.M. Risk based prioritization of motor operated valves at the Washington Nuclear Plant 2 38552
Pong, L.T. *see* Vosburgh, R.O. 38480
Pong, M.H. *see* Lau, C.K. 51123
Pong, M.H. *see* Poon, N.K. 51104
Pong, R.G.S., Shirk, J.S., Flom, S.R., Bartoli, F.J., Snow, A.W., Boyle, M.E. Optical limiting materials in the high-fluence regime 4090
Pong Chen, Wang, Y. Multicriterion Compton backscatter imaging 7839
Pong Kuang-Yao *see* Kuang-Yao Pong
Pong Mang Yan *see* Mitome, H. 11072
Pong Ting-Chuen *see* Ting-Chuen Pong
Pong-Fei Lu *see* Pelella, A.R. 1413
Pong-Gyou Lee *see* Yoon-Hwa Choi 57580
Poniecki, A. *see* Kalisz, J. 27437
Poniecki, W. Reliability of high voltage circuit-breakers used in power supply systems 29504
Poniewierski, H. *see* Cichon, M. 38912
Ponka, K. *see* Eskelinen, P. 56153
Ponkratenko, O.A. *see* Georgadze, A.Sh. 18101
Ponnambalam, K. *see* Pokharel, S. 60320
Ponnappan, P.R. *see* Streby, M.A. 29257
Ponomarchuk, O.I. *see* Lebedev, E.A. 52431
Ponomarenko, P.V. *see* Bezrodny, V.G. 38061
Ponomarenko, V.P., Matrosov, V.V. Nonlinear dynamics of multistable Chua's circuits 40854
Ponomarev, A.N., Rodionov, I.D., Terehin, R.I., Teterin, G.E. Automatic high precision laser scanner 3500
Ponomarev, A.N. *see* Odintsov, V.I. 33616
Ponomarev, A.N. *see* Odintsov, V.I. 55806
Ponomarev, D.M. *see* Levitas, B.N. 34201
Ponomarev, E.A. *see* Tsirlina, T. 30767
Ponomarev, K.V., Korzhavyi, P.A., Vekilov, Yu.Kh. Distribution of silicon over sublattices in semiconducting A_3B_5 compounds 54071
Ponomarev, V.I., Pogrebniak, A.B. Adaptive Wiener filter implementation for image processing 46194
Ponomarev, V.I., Pogrebniak, A.B. Robust RM-filters for radar image processing 58446
Ponomarev, V.S. *see* Rigmant, M.B. 52922
Ponomarev, Y.V., Usher, A., Rodgers, P.J., Gallagher, B.L., Henini, M., Hill, G. Millikelvin magneto-optical studies of two-dimensional hole systems 22390
Ponpon, J.P., Sieskind, M. Recent advances in γ- and X-ray spectrometry by means of mercuric iodide detectors 37325
Ponpon, J.P., Sieskind, M., Amann, M., Bentz, A., Corbu, C. Characterization of the HgI_2 surface layer after KI etching 32184
Pons, A. *see* v. Bochmann, G. 6398
Pons, M., Blanquet, E., Dedulle, J.M., Garcon, I., Madar, R., Barnard, C. Thermodynamic heat transfer and mass transport modeling of the sublimation growth of silicon carbide crystals 10630
Ponsart, J.-C. *see* Levin, J. 55987
Ponsonby, A., Farish, O., Hampton, B. The effect of surface charge on the performance of cast resin insulation for gas insulated substations 51423
Pont, C.L., Ponta, F. The self-regulated water-current hydroturbine: (a new option to isolated electricity generation) 19606
Ponta, D., Da Bormida, G. Re-engineering a computer-based learning course in digital electronics for flexibility, re-use and network delivery 20671
Ponta, D. *see* Da Bormida, G. 20567
Ponta, F. *see* Pont, C.L. 19606
Pontau, A.E. *see* Schieber, M. 7805
Ponte, R.M. *see* Gaspar, P. 50077
Ponte, S. *see* D'Errico, M. 48116
Pontecorvo, L. *see* Andryakov, A. 37226
Ponthieu, L. Application of visual psychophysics to the design of an engineering diagrams display system 31557
Ponti, E.S., Goebel, D.M., Poeschel, R.L. Beam focusing and plasma channel formation in the PASOTRON HPM source 53981
Ponti, E.S. *see* Goebel, D.M. 54000
Ponticoupoulos, G. *see* Tsangaris, G.M. 43509
Pontiga, F., Castellanos, A. Conduction model of nonpolar liquids in divergent fields 23104
Pontiga, F., Castellanos, A. The effect of field-enhanced injection and dissociation on the conduction of highly-insulating liquids 32617
Pontiga, F., Soria, C., Castellanos, A. Spatial distribution of electrons and ions in a negative corona discharge 43468
Pontiga, F. *see* Jen-Shih Chang 22187
Pontoni, D. *see* Arfelli, F. 37666
Pontoni, D. *see* Arfelli, F. 49329
Pontoni, D. *see* Arfelli, F. 59555
Ponts, D., Donzellini, G. A simulator to train for finite state machine design 20602
Pontual, H.de *see* de Pontual, H.
Ponyatovsky, E.G. *see* Antonov, V.E. 22273
Pooch, U.W. *see* Hamilton, J.A., Jr. 26143
Pooch, V. *see* White, G. 5936
PooGyeon Park, Kailath, T. Convergence of the DRE solution to the ARE strong solution 56430
Pooi Yuan Kam, Tek Mun Cheong Analysis of open-loop tanlock carrier recovery for BPSK 45516
Pookaiyaudom, S., Sitdhikorn, R. Current-differencing band-pass filter realization with application to high-frequency electronically tunable low-supply-voltage current-mirror-only oscillator 11571

Pookaiyaudom, S., Thanachayanont, A., Sitdhikorn, R. Current amplitude control circuits suitable for current-mode oscillators 21521
Pool, F.S. Nitrogen plasma instabilities and the growth of silicon nitride by electron cyclotron resonance microwave plasma chemical vapor deposition 30932
Pool, P. *see* Holland, A.D. 49858
Pool, P. *see* Owens, A. 18148
Pooladian, N.T. Vector control of stepping motors using field programmable gate arrays 60824
Poole, A.W.V. *see* Willicroft, L.-A. 45126
Poole, C.E. *see* Choe, H.C. 56591
Poole, D. Probabilistic conflicts in a search algorithm for estimating posterior probabilities in Bayesian networks 21056
Poole, I. *see* Chudleigh, M. 25659
Poole, I.B., Ng, T.L., Maung, N., Williams, J.O., Wright, A.C. MOVPE growth of magnesium cadmium sulphide: rocksalt or sphalerite? 40475
Poole, I.B. *see* Gnoth, D.N. 40346
Poole, I.B. *see* Ng, T.L. 30740
Poole, I.B. *see* von der Emde, M. 796
Poole, J.M. *see* Weber, J.H. 52833
Poole, K.F. *see* Schalkoff, R.J. 11627
Poole, K.F. *see* Singh, R. 22493
Poole, P. *see* Goldberg, R.D. 12698
Poole, P.J. *see* Noel, J.-P. 14098
Poolton, N.R.J. *see* Markey, B.G. 8195
Poon, C.S. *see* Khvorostov, P.V. 15971
Poon, C.Y., Bhushan, B. Numerical contact and stiction analyses of Gaussian isotropic surfaces for magnetic head slider/disk contact 55053
Poon, C.Y., Bhushan, B. Nano-asperity contact analysis and surface optimization for magnetic head slider/disk contact 55056
Poon, J.C.H. *see* Ghadiali, M.D. 35130
Poon, J.C.H. *see* Li, W. 24930
Poon, K.K. *see* Hang-Wai Law 41618
Poon, M.C., Wong, S.P., Lam, Y.W., Chu, P.K., Sin, J.K.O. SIMNI SOI formed by high intensity nitrogen implantation 32095
Poon, M.C. *see* Baoping Wang 41785
Poon, M.C. *see* Bow, Y.C. 36788
Poon, M.C. *see* Chen Wang 53958
Poon, N.K., Pong, M.H. Simulation and analysis of a new direct coupling converter (DCC) 51104
Poon, P.W.F. *see* Chan, B.C.B. 49485
Poon, P.W.F. *see* Chan, F.H.Y. 15587
Poon, V.M.C. *see* Kumar, A.K.P. 32429
Poon, Y.H., Wong, H., Man, K.F. Deep level transient spectroscopy of hole emission from nitrided oxide/silicon interface traps 32096
Poon, Y.W., Tam, W.Y. A rigorous analysis of a dielectric resonator antenna on a finite ground plane 34334
Poonacha, P.G. *see* Maheshwari, R. 53429
Poonen, B. *see* Calderbank, A.R. 56322
Poong Eui Seop *see* Eui Seop Poong
Pooni, J.S. *see* Berwick, K. 37306
Poor, H.V. Finite-field wavelet transforms 4514
Poor, H.V., Verdu, S. Probability of error in MMSE multiuser detection 56504
Poor, H.V., Xiaodong Wang Adaptive suppression of narrowband digital interferers from spread spectrum signals 16580
Poor, H.V. *see* Blum, R.S. 25091
Poor, H.V. *see* DeLucia, J. 21058
Poor, H.V. *see* Lih-Huah Yiin 34881
Poor, H.V. *see* Nelson, L.B. 16064
Poor, H.V. *see* Sarkar, S. 30427
Poor, H.V. *see* Sarkar, S. 56455
Poor, H.V. *see* Taylor, R. 58267
Poor, H.V. *see* Xiaodong Wang 25825
Poore, A.B. Bifurcation problems for some parametric nonlinear programs in Banach spaces 10330
Poortmans, J., Vermeulen, T., Nijs, J., Mertens, R. Development of easy-to-use surface passivation schemes for lifetime measurements on monocrystalline Si with (100)-orientation 32190
Poortmans, J. *see* Ghannam, M. 61085
Poortmans, J. *see* Nijs, J. 20038
Poortmans, J. *see* Ohyama, H. 22761
Poortmans, J. *see* Ohyama, H. 42920
Poortmans, J. *see* Vermeulen, T. 39027
Poovamma, P.K., Dwarakanath, K., Moorching, S.N. Effect of pressboard thickness and wall surface conditions on flow charging of oil [power transformers] 38788
Poovendran, R. *see* Raghavan, S. 60031
Pop, G. *see* Chiriac, H. 3088
Pop, Gh. *see* Chiriac, H. 32799
Pop, I., Ionescu, V., Nascu, C., Vomir, V., Grecu, R., Indrea, E. The study of lead sulfide films. The behaviour at low-temperature thermal treatment 2086
Pop, I. *see* Nascu, C. 31893
Pop, N., Kelemen, A. Pulse width modulation with extended modulation depth range for three-phase voltage converters 51180
Pop, V. *see* Kappel, W. 3109
Popa, E. *see* Galateanu, L. 42936
Popa, V. *see* Cecchini, S. 7822
Popat, K., Picard, R.W. Cluster-based probability model and its application to image and texture processing 25641
Pope, C.L., Reddy, B.R., Nash-Stevenson, S.K. Efficient violet upconversion signal from a fluoride fiber doped with erbium 55519
Pope, E.D. *see* Abel, R.B. 50182
Pope, E.R. *see* McDaniel, W.C. 59813
Pope, K.J. *see* Zhu, J. 27081
Pope, P., Van Eeckhout, E., Rofer, C., Baldridge, S., Ferguson, J., Jiracek, G., Balick, L., Josten, N., Carpenter, M. Environmental waste site characterization utilizing aerial photographs, remote sensing, and surface geophysics 50226
Pope, R. *see* Alesi, C. 26056
Pope, R. *see* Alesi, C. 46818
Pope, R. *see* Ruth, R.D. 49165
Pope, T.D. *see* Jerominek, H. 17367
Pope, T.W., Williams, W.L., Wilkinson, S.B., Gordon, M.A. Textural parameters based on the spatial gray level dependence method applied to melanocytic nevi 28151
Popeko, A.G. *see* Saro, S. 37275
Popel, R. *see* Muller, F. 27215
Popelar, C.H. *see* Pfeil, M.C. 251
Popenko, N.A. Microwave semiconductor oscillator with extented interaction 31492
Popenko, N.A. Experimentally modeling the millimeter wave scattering from vegetation canopy 45149
Popenko, N.A., Gudim, Y.Ya., Tarapov, S.I. Open resonator for measuring high-losses dielectric 48836
Popenko, N.A. *see* Vertiy, A.A. 11648
Popescu, A., Pruthi, P. Dynamic time sharing: a new approach for congestion management 35581
Popescu, A.E., Ionescu, A.M., Rusu, A., Chovet, A., Steriu, D., Tudor, B. A critical review of series resistances extraction methods in advanced bipolar transistors 42967
Popescu, B., Costa, P., Larzabal, P., Clergoet, H. Extraction of parameters from a wavelet packet analysis for terrain matching 48136
Popescu, C., Apetz, R., Vescan, L. Local activation energy and shape factor of current-voltage curve as investigation tools for semiconductor barrier structures 2104
Popescu, C., Manifacier, J.C., Ardebili, R. I-V curve shape factor for thin p-n junctions at high injection levels 42057
Popescu, C., Paunescu, A., Garlea, I., Garlea, C. The structure of decommissioning plan for VVR-S research reactor 50745
Popescu, C., Popescu, M.O. Discrete events models of electrical apparatus testing circuits 9441
Popescu, C. *see* Popescu, M.O. 2612
Popescu, D. *see* Cosmin, P. 40594
Popescu, D.C., Dimca, A., Hong Yan A nonlinear model for fractal image coding 35291
Popescu, D.S., Dunare, C., Nedelcu, O., Moagar, V., Babarada, F., Dascalu, D.C. Microstructures for arrays of chemical gas sensors 48740
Popescu, D.S., Duscalu, D.C., Elwenspoek, M., Lammerink, T. Ultrasonic transducer with thermo mechanical excitation and piezoresistive detection 43404
Popescu, G. *see* Bertinetto, F. 48304
Popescu, G. *see* Podaru, C. 48702
Popescu, M., Sava, F., Lorinczi, A., Koch, P.-J., Gutberlet, T., Uebach, W., Bradaczek, H., Vateva, E., Nesheva, D. Thermal stability of Se/CdSe multilayers 42083
Popescu, M. *see* Bezerianos, A. 49680
Popescu, M. *see* Iovu, M. 42004
Popescu, M.O., Nistor, D., Popescu, C. R-C snubber for thyristor turn-off--a new approach 2612
Popescu, M.O. *see* Popescu, C. 9441
Popescu, S.-M., Spanoche, S.-A. A noise modelling approach for accurate time domain analysis 40829
Popescu, S.-M. *see* Spanoche, S.-A. 40963
Popescu, T.-D. Comparative study of some sequential detection methods for digital signals 15212
Popescu, V. *see* Vertan, C. 57030
Popescu-Zeletin, R. *see* Krause, S. 57715
Popescu-Zeletin, R. *see* Magedanz, T. 47258
Popescu-Zeletin, R. *see* Pfeifer, T. 26336
Popiel, L., Dessoude, M., Reboul, J.P. Study of steep fronts in stator windings of high voltage induction machines supplied by 3 level inverters 60734
Popiela-Mizera, A. *see* Mikrut, Z. 59445
Popien, C. *see* Meyer, B. 5974
Popik, Yu.V. *see* Zhikharev, V.N. 2929
Popken, L. Comment on "Cycle slips in synchronizers subject to smooth narrow-band loop noise" 25803
Popkiewicz, M., Osuch, S., Szeflinski, Z., Sztampke, A., Wolinska, M., Zaganczyk, R., Wilhelmi, Z., Zelazny, Z. Test of modular neutron spectrometer in measurement of neutron spectra from fission of ^{252}Cf 49345
Popkov, G.N. *see* Zhukov, G.V. 55488
Poplavko, Y.M., Moskalyuk, V.A., Timofeyev, A.I., Prokopenko, Y.V., Pereverzeva, L.P. Feasibility of one-crystal GaAs artificial pyroelectric array 58744
Poplavko, Y.M., Pereverzeva, L.P. Volumetric piezoelectric effect and artificial pyroelectricity in GaAs 58697
Poplavko, Y.M., Yakimenko, Y.I. Teaching "dielectrics for microelectronics application" 9912
Poplawska, W. *see* Buchner, T. 49601
Poplawska, W. *see* Zebrowski, J.J. 49597
Poplawski, J. *see* Greenwald, Y. 13804
Popov, A. *see* Tchamov, N. 1184
Popov, A. *see* Tchamov, N. 53071
Popov, A.A., Sherstnev, V.V., Yakovlev, Y.P., Baranov, A.N., Alibert, C. Powerful mid-infrared light emitting diodes for pollution monitoring 23694
Popov, A.G., Gynderov, D.V., Stolyarov, V.V. Method of formation of a high coercivity state in PrFeBCu alloy 3108
Popov, A.G. *see* Gabay, A.M. 43629
Popov, A.P. *see* Veniaminov, A.V. 4126
Popov, A.T. Fuzzy morphology and fuzzy convexity measures 5423
Popov, A.V. Accurate modeling of transparent boundaries in quasi-optics 14592
Popov, A.V. *see* Kopylov, Yu.V. 24453
Popov, B. Nonlinear best Chebyshev approximations and splines 40153
Popov, B.N., Makarov, M.A. Microprocessor control of two-phase contactless DC motor 51718
Popov, B.N. *see* Ramasubramanian, M. 30853
Popov, C.A. *see* Batrakov, A.V. 22156
Popov, G. *see* Blagoev, K.B. 3691
Popov, G.V. *see* Guzev, M.A. 14544
Popov, G.V. *see* Guzev, M.A. 14576
Popov, I.A., Veselov, L.M. Tangential velocity measurement of diffuse object by using modulated dynamic speckle 48929
Popov, I.A. *see* Veselov, L.M. 48948
Popov, I.Yu., Popova, S.L. Eigenvalues in the continuous spectrum for a waveguide-cavity system: explicitly solvable model 14668
Popov, I.Yu., Popova, S.L. Eigenvalues and bands imbedded in the continuous spectrum for a system of resonators and a waveguide: solvable model 14681
Popov, K.A. *see* Kryuchkov, S.V. 32019
Popov, K.V., Dobrowolski, J.A., Tikhonravov, A.V., Sullivan, B.T. Broadband high-reflection multilayer coatings at oblique angles of incidence 55379
Popov, K.V., Liperovsky, V.A., Meister, C.V., Liperovskaya, E.V. Weekly anthropogenic phenomena in the F2 layer of the ionosphere 45151
Popov, M.M. *see* Sampaio, E.E.S. 56000
Popov, M.Y. *see* Shvetzov-Shilovsky, I.N. 22997
Popov, N.D. *see* Georgievskii, A.M. 31513
Popov, P.G., Gorenok, V.N. The rebound effect in the problem of image recognition 5441
Popov, P.G. *see* Gorenok, V.N. 5442
Popov, S. *see* Alexeev, G. 59200
Popov, S.A. *see* Batrakov, A.V. 11792
Popov, S.A. *see* Batrakov, A.V. 22169
Popov, S.A. *see* Batrakov, A.V. 23206
Popov, S.M. *see* Zherdev, P.A. 27045
Popov, S.V., Svirko, Yu.P., Zheludev, N.I. Pump-probe reflective polarization-sensitive nonlinear optics 24189
Popov, S.V. *see* Bennett, P.J. 17828
Popov, V. *see* Balagura, V. 37222
Popov, V.A. Formation of a hazardous electrostatic potential when friable materials are in contact with technological components 14518
Popov, V.A. Optimization of electromagnetic parameters of three-phase fractional electromachine windings 29354
Popov, V.A., Makarov, L.N., Akhunov, T.A. Three-phase windings for RA asynchronous machines 60774
Popov, V.A. *see* Baldin, A.M. 37160
Popov, V.A. *see* Govorov, A.N. 37159
Popov, V.G. *see* Evtukh, A.A. 2277
Popov, V.G. *see* Evtukh, A.A. 53923
Popov, V.G. *see* Romanyuk, B.N. 2328
Popov, V.I. Optimization of the electromagnetic parameters of three-phase windings of electrical machines 60649
Popov, V.I., Martynov, V.A. Investigation of electromagnetic processes in combined electric machines by means of the tooth contour method 29314
Popov, V.I., Martynov, V.A. Electromagnetic processes in combined electrical machines 60775
Popov, V.I. *see* Akhunov, T.A. 60777
Popov, V.I. *see* Makarov, L.N. 60773
Popov, V.M. *see* Veledinskii, A.N. 29041
Popov, V.V. *see* Zaitsev, B.D. 22469
Popov, V.Yu. *see* Bykov, A.A. 24521
Popov, Yu.A., Bokovikov, A.B. Stabilization of characteristics of a controllable light filter on the basis of ferroelectric ceramics 13788
Popov, Yu.M. *see* Adlivankin, A.S. 14163
Popov, Yu.M. *see* Kozlovskii, V.I. 44479
Popov, Yu.P. *see* Abalin, S.S. 9042
Popov, Yu.P. *see* Galanin, M.P. 4216
Popov, Yu.P. *see* Galanin, M.P. 33895
Popova, A.A. *see* Angelova, R.K. 40759
Popova, E.E. *see* Nebol'sin, V.A. 10673
Popova, I. *see* Ilieva, K. 50718
Popova, L. *see* Lazarova, V. 36769
Popova, L.I., Andreev, S.K., Gueorguiev, V.K., Stoyanov, N.D. Pulse mode of operation of diode humidity sensors 48704
Popova, L.I. *see* Andreev, S.K. 22509
Popova, N.Y. *see* Tron, A.M. 49120
Popova, S.L. *see* Popov, I.Yu. 14668
Popova, S.L. *see* Popov, I.Yu. 14681
Popova, S.N. *see* Ramasubramanian, M. 30853
Popova, S.V. *see* Lyapin, A.G. 22208
Popovic, B.D. *see* Notaros, B.M. 14573
Popovic, D. *see* Kukolj, D. 19072
Popovic, D. *see* Zafirovic-Vukotic, M. 19208

Popovic, D.P., Mijailovic, S.V. Some relevant aspects of dynamic behaviour of the electric power systems interconnection in the Balkans 19232
Popovic, D.P., Mijailovic, S.V., Milosevic, B.D., Bulatovic, S.B., Vukovic, M.D. Technical aspects and possibilities of restored functioning of the electric power system of Yugoslavia within the West-European interconnection UCPTE 60224
Popovic, D.S., Levi, V.A. Fast voltage security assessment of power systems with secondary voltage control using pilot node information 38245
Popovic, J., Pavasovic, A., Vasiljevic, D. Low-power CMOS current-conveyor relaxation oscillators 11218
Popovic, L.M. Practical method for evaluating ground fault current distribution in station supplied by an unhomogeneous line 51427
Popovic, M. *see* Allen, L.J. 37031
Popovic, M. *see* Kroc, T. 37155
Popovic, M. *see* McCrory, E. 37153
Popovic, M. *see* McCrory, E. 37154
Popovic, M. *see* Mojsilovic, A. 59446
Popovic, M. *see* Palmer, R.B. 17924
Popovic, M. *see* Palmer, R.B. 17966
Popovic, M. *see* Young, P. 37201
Popovic, N.V. *see* Zlatanovic, M.D. 10874
Popovic, P., Grebner, S., Bassanese, E., Smole, F., Furlan, J., Schwarz, R. Response time distribution. A way to describe the photocurrent transient 39151
Popovic, P. *see* Furlan, J. 39142
Popovic, P. *see* Savaria, Y. 45723
Popovic, R.S., Flanagan, J.A., Besse, P.A. The future of magnetic sensors 7309
Popovic, R.S. *see* Blanchard, H. 42908
Popovic, R.S. *see* Schott, C. 17295
Popovic, Z.B. *see* Bryerton, E.W. 11714
Popovic, Z.V. *see* Anastassakis, E. 2169
Popovich, D.V. *see* Pignasty, O.M. 49100
Popovich, S. *see* Alam, M. 47189
Popovici, D., Klemberg-Sapieha, J.E., Czeremuszkin, G., Sacher, E., Meunier, M., Martinu, L. Copper metallization of Teflon AF1600, using evaporation and sputtering, for multilevel interconnect devices 42732
Popovici, G., Melnikov, A., Varichenko, V.V., Sung, T., Prelas, M.A., Wilson, R.G., Loyalka, S.K. Diamond ultraviolet photovoltaic cell obtained by lithium and boron doping 51571
Popovnin, V.M. Threshold characteristics of devices used in the investigation of light absorption in an axisymmetric inhomogeneity 7348
Popovski, B., Spasenovski, D. Efficient moment method for ultra-wideband scattering from finite array of perfectly conducting and resistive strips on grounded dielectric slab 33992
Popowski, Y., Verin, V., Schwager, M., Nouet, P., Papirov, I., Rouzaud, M., Urban, P., Landis, J.R., Rutishauser, W., Kurtz, J.M. A novel system for intracoronary β-irradiation: description and dosimetric results 59768
Popp, J. *see* Wurzer, M. 23621
Popp, M. *see* Bunner, M.J. 1172
Popp, M. *see* Keidler, M. 40341
Popp, R.L., Pattipati, K.R., Bar-Shalom, Y., Yeddanapudi, M. Parallelization of a multiple model multitarget tracking algorithm with superlinear speedups 38027
Popp, S. *see* Treitinger, L. 13114
Popp, S. *see* Treitinger, L. 22952
Popp, W.J. Risk assessment: a tool for improving power reliability in central offices 50342
Poppe, A. *see* Szekely, V. 40823
Poppe, A. *see* Tarnay, K. 54676
Poppe, A. *see* Xu, L. 33437
Poppe, F. *see* Bridger, K. 13344
Poppe, H. *see* Pfadler, H. 50712
Poppen, W.A. *see* Seat, J.E. 20498
Popper, L.A. *see* Goldey, C.L. 49946
Poppl, S.I. *see* Handels, H. 37933
Poppl, S.J. *see* Rossmanith, C. 18396
Popsuev, E., Nedogovor, V., Sigal, V. Ultrasound intracavitary linear array applicator theory for local tissue hyperthermia and thermotherapy 37866
Populus, P. *see* Arkadiev, V. 37578
Por, E. *see* Badihi, A. 20924
Por, P.T., Golshayan, A.K., Mueller, R., Rekveldt, M.T., Goernert, P. Magnetic correlations in the remanent state of nano- and micro-crystalline barium hexaferrite particles studied by neutron depolarisation 13466
Por, P.T., Kraan, W.H., Mayo, P.I., Rekveldt, M.T., O'Grady, K. A neutron depolarisation study of the magnetic correlations in a particulate dispersion during milling 13454
Por, P.T., Rekveldt, M.T. The magnetic structure of metal-evaporated tape studied by neutron depolarisation 13451
Porada, R. *see* Frackowiak, L. 8750
Porada, Z. Optoelectronic logical system with thin film photoconducting and electroluminescent devices 13765
Poramo, R. *see* Lekkala, J. 18191
Porat, B., Friedlander, B. Blind deconvolution of polynomial-phase signals using the high-order ambiguity function 4772
Porat, B., Friedlander, B. Estimation of polynomial-phase signals distorted by linear channels 4895
Porat, B., Friedlander, B. Accuracy analysis for off-line array calibration 24596
Porat, B., Friedlander, B. Accuracy requirements in off-line array calibration 56469
Porat, B. *see* Reina, G. 4673
Porat, B. *see* Tweg, R. 25116
Porat, M. *see* Francos, A. 34954
Porat, M. *see* Shachor, G. 46492
Porat, M. *see* Urieli, S. 25449
Porat, M. *see* Urieli, S. 56966
Porat, O. *see* Riess, I. 27754
Porat, O. *see* Sprague, J.J. 36761
Porayath, R. *see* Doherty, J.F. 57979
Porcella, D.B., Levin, L., Allan, M.A. Regional and global aspects of the mercury cycle 21004
Porcellato, A.M., Bisoffi, G., Gustaffsson, S., Boscagli, L., Carlucci, D., Chiurlotto, F., Morvillo, M., Stivanello, F. Experience with the ALPI linac resonators 49142
Porcellato, A.M. *see* Dainelli, A. 49138
Porcellato, A.M. *see* Fortuna, G. 49069
Porcellato, A.M. *see* Lombardi, A. 37117
Porcellato, A.M. *see* Palmieri, V. 49140
Porch, A., Gough, C.E. Microwave applications of high-temperature superconductors 43876
Porchia, A., Barbarossa, S., Scaglione, A., Giannakis, G.B. Autofocusing techniques for SAR imaging based on the multilag high order ambiguity function 26963
Porchia, A. *see* Barbarossa, S. 25152
Porchia, A. *see* Scaglione, A. 4675
Porciatti, V. *see* Falsini, B. 18406
Porciatti, V. *see* Marmor, M.F. 28336
Poreda, J. *see* Kugelmass, S.M. 22655
Porenta, G., Moertl, D., Haddad, M., Binder, T., Baumgartner, H., Maurer, G., Probst, P. A signal processing system for the analysis of coronary hemodynamics based on guidewire measurements 37691
Porenta, G. *see* Haddad, M. 28175
Porezanov, S.N. *see* Adlivankin, A.S. 14163
Poris, U.R. *see* Grigulis, Yu.K. 20834
Porjesz, T., Kovacs, K.G., Leppavuori, S., Usimaki, A., Kokkomaki, T., Hagberg, J. Electromagnetic wave absorption in high-T_c superconductors and its application 23393
Pork Chong-Ook *see* Chong-Ook Pork
Porkhaev, V.V. *see* Mel'nikov, S.P. 3684
Porkolab, G.A., Chen, Y.J., Merritt, S.A., Tabatabaei, S.A., Agarwala, S., Johnson, F.G., King, O., Dagenais, M., Wilson, R.A., Stone, D.R. Wet-chemistry surface treatment for dark-current reduction that preserves lateral dimensions of reactive ion etched $Ga_{0.47}In_{0.53}As$ p-i-n diode photodetectors 44247
Porkolab, G.A., Shih-Hsiang Hsu, Hryniewicz, J.V., Wenhua Lin, Chen, Y.J., Agarwala, S., Johnson, F.G., King, O., Dagenais, M., Stone, D.R. Etch-mask of pyrolytic-photoresist thin-film for self-aligned fabrication of smooth and deep faceted three-dimensional microstructures 22565
Porkolab, G.A. *see* Shih-Hsiang Hsu 36153
Porochovsky, V. *see* Emets, V. 45093
Porod, W. *see* Toth, G. 31444
Porokhovnichenko, L.P. *see* Vladimirova, S.Yu. 742
Poropat, P. *see* Arfelli, F. 37666
Poropat, P. *see* Arfelli, F. 49329
Poropat, P. *see* Arfelli, F. 59555
Porotskii, S.M. A discrete Markov model of functioning of an ATM network node 5752
Porowski, S. High pressure growth of GaN- new prospects for blue lasers 10636
Porowski, S. *see* Leszczynski, M. 40299
Porowski, S. *see* Liliental-Weber, Z. 10621
Porowski, S. *see* Liliental-Weber, Z. 10804
Porowski, S. *see* Perlin, P. 22236
Porowski, S. *see* Suski, T. 21220
Porowski, S. *see* Teisseyre, H. 22237
Porowski, S. *see* Teisseyre, H. 40442
Porowski, S. *see* Wetzel, C. 12287
Porra, V. *see* Paasio, A. 1670
Porra, V. *see* Paasio, A. 31434
Porra, V. *see* Paasio, A. 31440
Porra, V. *see* Paasio, A. 53480
Porras, E., Sanchez, F., Lei, F., Perez, J.M., Reglero, V., Dean, A.J. Proton-induced background in LEGRI 37353
Porras-Montenegro, N. *see* Silva-Valencia, J. 42148
Porre, O., Martinuzzi, S., Pasquinelli, M., Perichaud, I., Gay, N. Gettering effect of aluminium in mc-Si and c-Si wafers and in solar cells 39021
Porrelli, R.A. *see* Xu, Q. 19828
Porres, F. *see* Casanueva, R. 41201
Porsezian, K. Soliton propagation in nonlinear optics with higher-order effects 33727
Porsezian, K. Solitons in semiconductor-doped glass fibres with higher-order effects 55867
Porsezian, K., Nakkeeran, K. Optical solitons in birefringent fibre-Backlund transformation approach 23519
Porst, A. *see* Brunner, H. 40882
Porst, A. *see* Brunner, H. 40886
Porta, A., Baselli, G., Caiani, E., Scarpellini, G., Sandrone, G., Malliani, A., Cerutti, S., Lombardi, F. Model for RT-RR variability interaction assessment 37816
Porta, A., Baselli, G., Lombardi, F., Malliani, A., del Greco, M., Ravelli, F., Antolini, R., Nollo, G. Performance analysis of the automatic RTapex and RTend measurement 49636
Porta, A. *see* Mainardi, L.T. 37597
Porta, M. *see* Lo Russo, G. 35612
Porta, M. *see* Lo Russo, G. 46936
Porta, S. *see* Hayatleh, K. 41320
Porta, T.F.La *see* La Porta, T.F.
Portacci, G.V. *see* Corsi, F. 2620
Portal, C. *see* Romanov, S.G. 12377
Portal, J.C. *see* Booker, G.R. 52669
Portal, J.C. *see* Gennser, U. 2162
Portal, J.C. *see* Maude, D.K. 12384
Portal, J.C. *see* Maude, D.K. 22346
Portal, J.C. *see* Nicholas, R.J. 2126
Portal, J.C. *see* Oswald, J. 12486
Portal, J.C. *see* Oswald, J. 54211
Portas, A. *see* Vega, J. 4488
Porte, H., Elfein, W., Ferriere, R. Absolute measurement of the fiber to waveguide distance during a coupling process by low-coherence interferometry 13623
Porte, H., Goedgebuer, J.-F., Elflein, W., Terras, A., Ledeventec, F., Butterlin, N. Linear phase tracking in a coherence modulation electrical sensor system using integrated $LiNbO_3$ modulator/demodulator 44078
Porte, H. *see* Goedgebuer, J.P. 7647
Porte, H. *see* Gutierrez-Martinez, C. 36080
Porte, H. *see* Voinot, V. 14297
Porte, H. *see* Wacogne, B. 26775
Porte, J. *see* Oliaei, O. 31363
Porte, L. *see* Krapf, P. 10720
Porte, M. *see* Krishnan, R. 3197
Porte, M. *see* Lisfi, A. 3166
Porter, A.L., Roessner, J.D., Newman, N., Cauffiel, D. Indicators of high technology competitiveness of 28 countries 115
Porter, B.G., Gearhart, S.S. Spectral domain moment method analysis of slot antennas with parasitic elements 34193
Porter, C., Laser, A., Hertle, J., Pandey, P., Erickson, M., Shah, S. Improving furnaces with model-based temperature control 2414
Porter, D.L. *see* Foresman, T.W. 18941
Porter, J. *see* Willis, B. 53806
Porter, M.B., Michalopoulou, Z.-H. A coherent approach to broadband matched-field processing: application in the Hudson Canyon 16989
Porter, M.B. *see* Michalopoulou, Z.-H. 18864
Porter, M.B. *see* Michalopoulou, Z.-H. 28658
Porter, R. Caravans of wealth amidst deserts of chaos [Internet] 6231
Porter, R.B. *see* Vanderle, K.A. 39785
Porter, R.L., Herkert, J.R. Engineering and humanities: bridging the gap 20654
Porter, R.L. *see* Besterfield-Sacre, M. 20473
Porter, T. *see* Ruth, R.D. 49165
Porterfield, D. *see* Wang, D.X. 18021
Porterfield, D.W. *see* Wang, D.X. 49256
Porteseil, J.L. *see* Crottier-Combe, S. 38782
Porthun, S. *see* Kambersky, V. 3190
Portigal, F.P., Otten, L.J. Nonlinear unmixing of simulated MightySat FTHSI data for target detection limits in a humid tropical forest scene 18948
Portilla, J., De La Fuente, M.L., Artal, E. MMICs for K band low noise receivers 58108
Portilla, J., Navarro, R., Nestares, O., Tabernero, A. Texture synthesis-by-analysis method based on a multiscale early-vision model 46125
Portilla, J. *see* Pascual, J.P. 53657
Portilla, M.G. *see* Cagigal, M.P. 7425
Portillo, A.A. *see* Carrillo, G. 52320
Portillo, F. *see* Shannon, R.V. 49795
Portioli, A. *see* Cigolini, R. 39717
Portnoff, G., Mecca, V., Lindberg, L. Compressional waves generated by thickness shear resonators in a surrounding gas 13352
Portnoi, E.L., Venus, G.B., Khazan, A.A., Gadjiev, I.M., Shmarcev, A.Yu., Frahm, J., Kuhl, D. Superhigh power picosecond optical pulses from Q-switched diode laser 55641
Portnoi, E.L. *see* Margalit, M. 44588
Portnoi, E.L. *see* Sokolovskii, G.S. 44232
Portnoi, E.L. *see* Venus, G.B. 55596
Portnoi, M.G. *see* Gerikh, V.P. 8736
Portnoy, W.M. PSPICE as a simulation tool in teaching electrodynamics 20492
Portnoy, Yu.T. *see* Pisarev, A.L. 51717
Porto, F. *see* Aiello, S. 1483
Porto, F. *see* Aiello, S. 49328
Porto, V.W. Non-acoustic sensor array localization using evolutionary programming 45977
Portoghese, R. *see* Lombardo, S. 32367
Portoni, L., Combi, C., Violante, F.F., Pinciroli, F. Towards user-views in an OODBMS for PTCA patients 37845
Portsel, L.M., Astrov, Yu.A., Reimann, I., Purwins, H.-G. Glow dynamics in a semiconductor-gas discharge image converter 36648
Portugal, P. *see* Carvalho, A. 47063
Portuondo, M.M. VSPA™-320: a novel package for high density mounting using existing infrastructure 10077
Porubai, N.I. *see* Lazarev, N.V. 49036
Porubov, A.V. *see* Dreiden, G.V. 33623
Porzio, M. *see* Marino, P. 61158
Posada, J.C.Nicholls *see* Nicholls Posada, J.C.
Posada, J.F. *see* Augustin, E.P. 4344
Posadowski, W., Wagner, T. Optical properties of thin AlN films deposited by pulsed magnetron sputtering system 10836
Posadowski, W.M. *see* Shingubara, S. 42670

Posbic, J. *see* Wohlgemuth, J.H. 39157
Posch, C. *see* Anghinolfi, F. 59312
Posch, R. *see* Andrikopoulos, I. 35506
Posch, R. *see* Hassler, V. 4493
Posch, R. *see* Pucher, F. 26254
Posenato, R. *see* Albertri, M.A. 53496
Posivy, K. Process and material choices for a no clean hybrid process 41680
Poskanzer, A.M. *see* Bieser, F. 59307
Posnov, N.N. *see* Malyarevich, A.M. 14386
Posocco, M. *see* Arisaka, K. 37239
Posocco, M. *see* Arisaka, K. 37460
Posorski, R. Photovoltaic water pumps, an attractive tool for rural drinking water supply 60587
Pospelov, G.E. *see* Aulchenko, V.M. 37243
Pospelov, M.N. *see* Kravtsov, Yu.A. 8426
Pospelova, T.G., Yussef, H. Application of energy-saving equivalents in problems of development of electrical power systems 8732
Pospisil, J., Honskus, J., Capelletti, R. TSDC study of chemical induced crosslinking in polybutadiene rubber 54975
Pospisil, S. *see* Vylov, T. 7833
Poss, H.J. *see* Petzold, J. 43630
Posse, V.A., Jalali, B. Novel transient phenomena in heterojunction bipolar transistors 54586
Posselt, M., Schmidt, B., Murthy, C.S., Feudel, T. Modeling of damage accumulation during ion implantation into single-crystalline silicon 54342
Possner, T. *see* Glockner, S. 54850
Post, D.L. *see* Reinhart, W.F. 17634
Post, G., Mauss, O. Control and data flow aspects in the design of a wireless data radio modem: a case study 26628
Post, J., Hung Le Detect and suppress stability solution: protection of minimum critical power ratio safety limit: licensing analysis review 38529
Post, M., Chien-Chung Shen, Wei, J. The manager/agency paradigm for distributed network management 35591
Postaire, J.-G. *see* Benslimane, R. 57151
Postaire, J.-G. *see* Firmin, C. 39857
Postaire, J.-G. *see* Vannoorenberghe, P. 25508
Postaire, J.-G. *see* Yue Feng Wan 25507
Postalache, C. *see* Gaiseanu, F. 42420
Postan, M.Ya. Single-server queueing system with exponentially bounded waiting time 52430
Postava, K., Bobo, J.F., Ortega, M.D., Raquet, B., Jaffres, H., Snoeck, E., Goiran, M., Fert, A.R., Redoules, J.P., Pistora, J., Ousset, J.C. Magneto-optical measurements of magnetization reversal in nanometer scale sputtered Fe thin films 32801
Postava, K. *see* Pistora, J. 3188
Postel, C. *see* Richeboeuf, L. 13940
Postel, J. *see* Leiner, B.M. 47137
Postema, H. *see* Adam, A. 37280
Posthill, J.B. *see* Humphreys, T.P. 41742
Postigo, P.A. *see* Utzmeier, T. 733
Postma, E.O. *see* Dassen, W.R.M. 49642
Postma, P. *see* Chittka, U. 41732
Postmus, P.E. *see* Noordegraaf, A.V. 49717
Postnikov, I.I. Dynamic electric parameters of quartz resonators with axially symmetric driving electrodes 13341
Postnikov, I.I., Khristoforova, T.V. Dynamic electric parameters of quartz resonators with electrodes of arbitrary shape 43600
Postnikov, K.O. *see* Kalameitsev, A.V. 54240
Postnikov, N.S. Dynamic chaos in relay systems with hysteresis 30461
Postolache, A., Trecat, J. Pyramidal approach to license plate segmentation 5252
Postolache, C. *see* Gaisenu, F. 42409
Postoyalko, V. *see* Boglione, L. 40845
Postoyalko, V. *see* Boglione, L. 41430
Postoyalko, V. *see* Hau, Y.K.G. 41439
Postoyalko, V. *see* Joshi, K.K. 45349
Postrekhin, E.V., Zhou, L.W., Huang, K.J., Cai, C.B., Gong, S.M., Fu, Y.X. Magnetization and rotation of MTG HTSC ring in magnetic field 13489
Posur, M. *see* Kottmann, D.A. 47584
Pota, H.R. Computer-aided analog electronics teaching 30044
Pota, H.R. Circuit theory and analog electronics–computer aided teaching 52050
Potachov, S. *see* Avanesyan, V. 54866
Potachov, S. *see* Avanesyan, V. 55393
Potapov, A.I., Magnitskii, V.O., Makashov, O.V., Neganov, V.I. Holographic testing of the uniformity of the physico-mechanical properties of materials 40738
Potapov, A.I. *see* Chmill, V.B. 37223
Potapov, A.I. *see* Katsan, L.F. 40729
Potapov, A.I. *see* Koretskaya, O.B. 37224
Potapov, A.N. *see* Odinokov, S.B. 5445
Potapov, R.V. *see* Ovchinnikov, A.L. 17803
Potapov, S. Microchip design for Josephson-array in epitaxial structures Nb/α-Al_2O_3 23409
Potapov, V.T. *see* Biryukov, V.A. 7376
Potapov, V.T. *see* Burkov, V.D. 13989
Potapov, V.T. *see* Burkov, V.D. 17419
Potapova, T.P. *see* Shurikhin, V.I. 48496
Potashev, S.I. *see* Klyachko, A.V. 28026
Potashnik, S. *see* Adams, D. 59218
Potaturkin, O.I. *see* Borzov, S.M. 25523
Potdar, H.S. *see* Santhosh, P.N. 41533
Poteau, L. *see* Bocquet, R. 13929
Potelle, A., Chapuis, R. Real time trajectory supervision on highways 51780
Potemkin, A.K. *see* Mal'shakov, A.N. 24067
Potemski, M. *see* Maude, D.K. 12384
Potemski, M. *see* Maude, D.K. 22346
Potenziani, E. *see* Yi-Hua Tang 36361
Potenziani, E., II *see* Leupold, H.A. 3235
Potenziani, E., II *see* Leupold, H.A. 3909
Potet, P. Thermal imagers based on MCT LWIR staring FPAs. Design review and achieved performances 27674
Potier, N., Leturmy, M., Conard, G., McKean, K. A comparative study of low residue solder pastes: the influence of N_2-based atmospheres containing various O_2 levels 39764
Potje-Kamloth, K. *see* Tuyen, L.T.T. 54056
Potjer, J., Russel, A., Boves, L., den Os, E. Subjective and objective evaluation of two types of dialogues in a call assistance service 46970
Potkonjak, M., Wolf, W. Heuristic techniques for synthesis of hard real-time DSP application specific systems 11494
Potkonjak, M. *see* Kim, K. 11486
Potkonjak, M. *see* Kim, K. 31171
Potkonjak, M. *see* Kyosun Kim 31295
Potkonjak, M. *see* Srivastava, M.B. 21757
Potlapalli, H. *see* Jasper, W.J. 15966
Potok, P.S. *see* Hopper, K.D. 7937
Potorti, F. *see* Celandroni, N. 6680
Potra, F. *see* Moulin, P. 15306
Potra, F.A. *see* Jay, L.O. 40210
Potrebich, A.A. Load simulation for calculation of energy losses in electrical networks of power systems 60200
Potrepka, D.M. *see* Galasso, F.S. 43748
Potter, B.G., Jr., Dimes, D., Sinclair, M.B. Waveguide refractometry as a probe of thin film optical uniformity 48969
Potter, C. *see* Williams, M.K. 18571
Potter, I.J., Bowen, C.E., Reader, G.T. Evaluation of air-independent powered diesel engines for integration in autonomous underwater vehicles 60563
Potter, J. *see* Mishin, A.V. 49062
Potter, J.M. *see* Swenson, D.A. 49027
Potter, L.C., Moses, R.L. Attributed scattering centers for SAR ATR 27067
Potter, L.C. *see* Ertin, E. 6902
Potter, L.C. *see* Ying, C.J. 6899
Potter, M.A. CFM from a fabrication perspective [PCB manufacture] 1789
Potter, P.G. *see* Davies, W.S. 47406
Potter, R.C. *see* Beard, C.A. 7757
Pottie, G. *see* Bult, K. 17268
Pottie, G. *see* Tang, B. 34693
Pottie, G.J. *see* Colburn, J.S. 35943
Pottie, G.J. *see* Perahia, E. 6542
Pottier, B., Llopis, J.-L. Revisiting Smalltalk-80 blocks: a logic generator for FPGAs 21574
Pottier, E. *see* Challe, L. 26975
Pottier, E. *see* Clonde, S.R. 28601
Pottier, E. *see* Guillemot, T. 6931
Pottier, F. *see* Neilson, D.T. 44083
Pottier, F. *see* Williams, R. 33180
Pottier, L. Reversing a finite sequence 30617
Pottinger, H. *see* Krauss, T.F. 44532
Pottker, F. *see* Martins, D.C. 19832
Potts, A. *see* De Fez-Laso, M.D.M. 37505
Potts, D., Griesmer, R. A unique methodology for at-speed test of cDSP™ and ASIC devices 48354
Potts, D.C. *see* Griffith, P.C. 47846
Potts, I.W. *see* Chen, X. 52956
Potts, M. *see* de Sousa, P. 26351
Potts, S. *see* Southern, E.P. 19423
Pottsmith, H.C. *see* Agrawal, Y.C. 50004
Potvin, A. *see* Qiu, L. 50343
Potylitsin, A.P. *see* Glavanakov, I.V. 37260
Potyomkin, A.V. *see* Ivanov, Yu.F. 10925
Potyraj, P.A., Petrosky, K.J., Hobart, K.D., Kub, F.J., Thompson, P.E. A 230-Watt S-band SiGe heterojunction bipolar transistor 21924
Potyraj, P.A. *see* Hobart, K.D. 1714
Potzsch, M. *see* Rehse, O. 15879
Pou, J. *see* Redondas, X. 2075
Pou, N.A. *see* Klaesner, J.W. 49468
Pouet, B., Krishnaswamy, S. Real-time visualization of dynamic holographic interferometric images using photorefractive crystals 33754
Pouet, B.F. *see* Krishnaswamy, S. 7628
Poueta, B.F., Ing, R.K., Krishnaswamy, S., Royer, D. Heterodyne interferometer with two-wave mixing in photorefractive crystals for ultrasound detection on rough surfaces 14339
Poujois, R. *see* Bonnefoy, J.P. 37499
Poukey, J.W. *see* Mazarakis, M.G. 17897
Poukey, J.W. *see* Mazarakis, M.G. 37078
Poukey, J.W. *see* Mazarakis, M.G. 37152
Poukey, J.W. *see* Olson, C.L. 59161
Poulain, M. *see* Auffray, E. 18084
Poulain, M. *see* Surinach, S. 3367
Poulakidas, A. *see* Andresen, D. 47216
Poulin, D. *see* Zhan Su 9965
Poulin, M., Latrasse, C., Cyr, N., Tetu, M. Second-harmonic generation at 1560 nm using a $KNbO_3$ crystal in a resonant ring cavity for frequency-locking to a rubidium D_2-line component 24113
Pouliot, J. *see* Lachance, B. 49775
Pouliquen, E. *see* Bergem, O. 49999
Pouliquen, H., Lemerle, P., Plantive, E. Voltage harmonics source compensation using a shunt active filter 50327
Pouliquen, H., Rioual, P. Vector control of shunt active filters 51186
Pouliquen, H. *see* Lott, C. 51187
Pouliquen, H. *see* Loudot, S. 50546
Pouliquen, H. *see* Pratmarty, D. 51834
Pouliquen, P. *see* Wolff, L.B. 48682
Poullikkas, A. *see* Georgiou, G. 52577
Poulopoulos, P., Krishnan, R., Flevaris, N.K. Antiferromagnetic-like coupling evidence in a Pd-Ni multilayer with inverted hysteresis features 32824
Poulsen, C.V., Graydon, O.C., Laming, R.I., Zervas, M.N., Dong, L. Self-regulating spectral characteristics of four-channel WDM link utilising twincore erbium doped fibre amplifiers 6756
Poulsen, C.V., Storgaard-Larsen, T., Hubner, J., Leistiko, O. Novel type of highly photosensitive germanium doped silica glass: co-doping with nitrogen 52774
Poulsen, C.V. *see* Moss, D.J. 55263
Poulsen, F.W. *see* Ahlgren, E.O. 22270
Poulsen, H.N. *see* Mikkelsen, B. 26895
Poulsen, S. *see* Robert, A. 8733
Poulsen, T. *see* Hansen, M.O. 28434
Poulson, R.H. *see* Blair, H.D. 40664
Poulton, G.T. *see* Hay, S.G. 14735
Poulton, J. *see* Dally, W.J. 35544
Poulton, J. *see* Keller, K. 30222
Poumarede, B. *see* Bach, P. 8599
Poumarede, C., Therond, P.-G. Toward a superconducting fault current limiter in a high voltage substation 8959
Poumellec, B., Bernage, P., Riant, I. Mechanisms of refractive index change under UV irradiation in some doped SiO_2 core optical fibers 23474
Poumellec, B., Kherbouche, F. The photorefractive Bragg gratings in the fibers for telecommunications 33673
Poumellec, B. *see* Bernage, P. 23472
Poumellec, B. *see* Douay, M. 24268
Poumellec, B. *see* Douay, M. 55193
Poumellec, B. *see* Sulimov, V.B. 13605
Poumellec, B. *see* Taunay, T. 43967
Poumeyrol, T. *see* Maleville, C. 42291
Poumeyrol, T. *see* Moriceau, H. 22554
Pound, B.G. *see* Wachsman, E.D. 51545
Pountourakis, I.E. Multichannel control networks for WDMA single-hop packet switched protocols 6127
Pountourakis, I.E., Sykas, E.D. Multichannel multiple queue protocols 16337
Poupard, P. *see* Dolabdjian, C. 7294
Poupaud, E. *see* Degond, P. 32354
Poupinel, J.-F., Veschambre, Y. The radio FM on the highways 58540
Pourbeik, P., Gibbard, M.J. Damping and synchronizing torques induced on generators by FACTS stabilizers in multimachine power systems 19274
Pourcelot, L. *see* Feuillard, G. 32772
Pournejat, M., Schifftner, K. Opacity and odor control for hot air solder leveling operations 22025
Pournejat, P.E.Mostafa *see* Mostafa Pournejat, P.E.
Pourroy, G. *see* Multigner, M. 3160
Pourush, P.K.S. *see* Singh, B. 45411
Pourzand, A.R. *see* Berger, C. 23611
Pourzand, A.R. *see* Duelli, M. 23468
Pous, R. *see* Puente, C. 4406
Pous, R. *see* Puente, C. 14715
Pousi, T., Pihlajisto, J., Tolvanen, P., Toroi, T. Frequency deviations caused by capacitance diodes in a crystal oscillator 1186
Poussart, D., Tremblay, M. Integrated smart vision sensing 35204
Pousset, T., Cussac, P., Zissis, G., Damelincourt, J.J. Electronic ballast for high-pressure mercury lamps 39372
Poustie, A.J. *see* Blow, K.J. 23487
Poutanen, T.J. *see* Glisic, S.G. 16593
Poutanen, V.-P. *see* Pohjonen, H. 28278
Pouteau, X. *see* Cavazza, M. 57994
Poutier, L. *see* Hagolle, O. 18840
Pouvil, P. *see* Abdjoudj, M. 53660
Pouvil, P. *see* Valkov, S. 54710
Pouwels, H. *see* Greidanus, H. 8312
Pouwels, H. *see* Snoeij, P. 16914
Pouwels, H. *see* Snoeij, P. 27040
Pouwels, H. *see* Vermeulen, B.C.B. 14763
Pouwels, H. *see* Vermeulen, B.C.B. 27042
Pouxe, J. *see* Gallin-Martel, L. 59330
Pouysegur, M. *see* Cazaux, J.-L. 59897
Pouzet, J. *see* Bernede, J.C. 32183
Pouzet, J. *see* Essaidi, H. 12320
Pouzin, L. Network intelligence for information super-highway 47311
Povalyaev, A.A., Khval'kov, A.A., Belousov, R.B. Determination of relative coordinates from the phase shift increments of GLONASS carrier signals 38039
Povalyaev, A.A., Tyubalin, V.V., Khval'kov, N. Determination of relative coordinates using GLONASS radio transmissions 48164
Povazanec, J., Musil, V. Fault and test-process modelling for integrated circuits 43232
Povazanec, J., Musil, V., Kaderka, J. Simulation of the test process for analogue integrated circuits 13074
Poveda, A. *see* Garcia-Deza, C. 51166
Poveda, A. *see* Guinjoan, F. 60929
Poveda, A. *see* Hernanz, J. 29382
Povel, H. *see* Gale, M.T. 58847
Povero, G. *see* Presti, L.L. 25211
Povh, B. *see* Beck, M. 37265

Povh, D., Schmitt, H., Valcker, O., Wutzmann, R. Modelling and analysis guidelines for very fast transients 9457
Povh, D. *see* Gampenrieder, R. 38323
Povh, D. *see* Xianzhang Lei 60214
Povinec, P.P., Osvath, I., Baxter, M.S. Underwater gamma-spectrometry with HPGe and NaI(Tl) detectors 18928
Povinec, P.P. *see* Krnac, S. 18104
Povlsen, J.H. *see* Wijnands, F. 33098
Powalla, H. *see* Heinrich, A. 31906
Powalla, M. *see* Dimmler, B. 39056
Powe, J. *see* Burger, D.R. 37993
Poweleit, C.D., Naghski, D.H., Lindsay, S.M., Boyd, J.T., Jackson, H.E. Near field scanning optical microscopy measurements of optical intensity distributions in semiconductor channel waveguides 13634
Poweleit, C.D., Smith, L.M., Jonker, B.T. Thermal relaxation of excitons in ZnSe and $Zn_{1-x}Mn_xSe$ diluted magnetic semiconductors 41973
Powell, A., Meydan, T. Optimisation of magnetic speed sensors 7246
Powell, A.K. *see* Fish, D.A. 44669
Powell, A.k. *see* Korneev, N.A. 3307
Powell, B.D. *see* Miller, L.S. 36963
Powell, B.R. The Sellafield combined heat and power plant 9113
Powell, D.J. Stretching the landscape with enabling technologies [laser via technology] 11893
Powell, D.J., Weinhold, M. High speed laser ablation of microvia holes in nonwoven aramid reinforced printed wiring boards to reduce cost 1816
Powell, D.J. *see* Weinhold, M. 11912
Powell, E.S. *see* Sykes, L. 49782
Powell, F.R. *see* Townsley, L.K. 27681
Powell, G. *see* Hart, J.V., III 32225
Powell, H.M. *see* Barker, S.E. 57527
Powell, H.T. *see* Perry, M.D. 14509
Powell, I. D65 simulation with a xenon arc 13790
Powell, I. *see* Zwinkels, J.C. 36945
Powell, J. Solving signal integrity problems in high speed digital systems 21556
Powell, J., Bechtel, S., Durwood, B. So, you want to convert to an MCM? 31667
Powell, J.A. *see* Goldasz, J. 957
Powell, J.D. *see* Barrows, A.K. 18612
Powell, J.D. *see* Cohen, C.E. 60003
Powell, J.D. *see* Gazit, R.Y. 49887
Powell, J.S., Trezza, J.A., Morf, M., Harris, J.S. Vertical cavity X-modulators for reconfigurable optical interconnection and routing 55359
Powell, J.S. *see* Trezza, J.A. 33126
Powell, K. *see* Chandra, S. 49527
Powell, K.A. Response to "Comment on 'Quantitative classification of breast tumors in digitized mammograms'" [Med. Phys. 23, 1337-1345 (1996)] 49417
Powell, K.B. Managing environmental collaboratives: a manager's perspective 50410
Powell, M. *see* Kleinschmidt, J. 2473
Powell, R. *see* Daigle, K. 39724
Powell, R. *see* Kroposki, B. 39112
Powell, R.C., Sasala, R., Rich, G., Steele, M., Bihn, K., Reiter, N., Cox, S., Dorer, G. Stability testing of CdTe/CdS thin-film photovoltaic modules 39062
Powell, R.C. *see* Murray, J.T. 14079
Powell, T. *see* Dehkordi, P. 1894
Powell, T.J., Pair, J.R., Carbajal, B.G. Correlating defects to functional and I_{DDQ} tests 40970
Powell, W.B. *see* Zhi-Long Chen 40063
Power, A. *see* Jiang, H. 19909
Power, A. *see* Tian, X. 19795
Power, D. *see* Donnelly, R. 45108
Power, D.J. *see* Baker, J. 22076
Power, J. *see* Gai, W. 37013
Power, P.P. *see* Goodwin, T.J. 2023
Power, P.W. *see* Bowman, C.C. 35141
Power, W., Clist, R. Comparison of supervised learning techniques applied to colour segmentation of fruit images 35024
Powers, C. *see* Gaul, H.W. 45191
Powers, C.B. Preparing for the worst 9982
Powers, D.M.W., Dixon, S.E., Clark, C.R., Weber, D.L. Cocktails and brainwaves–experiments with complex and subliminal auditory stimuli 45797
Powers, E.J. *see* Changsoo Eun 25808
Powers, E.J. *see* Jordan, D. 45809
Powers, E.J. *see* Mehta, S. 34715
Powers, E.J. *see* Santoso, S. 25077
Powers, E.J. *see* Santoso, S. 34799
Powers, E.J. *see* Sungbin Im 45842
Powers, J.M. *see* Moffett, M.B. 16992
Powers, J.P. *see* Pace, P.E. 3446
Powers, J.P. *see* Pieper, R.J. 47944
Powers, P.E., Taatjes, C.A., Kulp, T.J. Two-tone frequency modulation spectroscopy from laser light scattered off a hard target 18828
Powers, P.E. *see* Kulp, T.J. 18924
Powers, R.M. *see* Algrain, M.C. 58482
Powner, E.T. *see* Ekiz, H. 57911
Powner, E.T. *see* Kutlu, A. 47067
Powner, E.T. *see* Odeh, A. 47125
Powner, E.T. *see* Yalcinkaya, F. 7441
Poyedinchuk, A. *see* Veremey, V. 34331
Poynter Smith, P.N. *see* Hill, D.L.G. 18400
Poyraz, M. *see* Demir, Y. 31558
Poza, F. *see* Mariao, P. 26208
Poza, M.M.Garcia *see* Garcia Poza, M.M.
Pozar, D.M. Flat lens antenna concept using aperture coupled microstrip patches 4365
Pozar, D.M. Aperture coupled waveguide feeds for microstrip antennas and microstrip couplers 34195
Pozar, D.M., Targonski, S.D., Syrigos, H.D. Design of millimeter wave microstrip reflectarrays 34354
Pozar, D.M. *see* Targonski, S.D. 34434
Pozder, S. *see* Chen, W.-M. 22615
Pozdnov, I.B. *see* Shcherbakov, A.S. 44127
Pozdnyakov, P.G. *see* Bogoush, M.E. 23270
Pozela, I. *see* Tamulevicius, S. 12144
Pozela, J., Juciene, V., Namajunas, A., Pozela, K. Electron mobility and subband population tuning by a phonon wall inserted in a semiconductor quantum well 31975
Pozela, J., Juciene, V., Namajunas, A., Pozela, K. Electron-phonon scattering engineering 42181
Pozela, K. *see* Pozela, J. 31975
Pozela, K. *see* Pozela, J. 42181
Pozhela, J., Juciene, V., Pozhela, K. Electron scattering in quantum well by interface phonons 42119
Pozhela, K. *see* Burneika, I. 45304
Pozhela, K. *see* Knishevskaya, L. 14665
Pozhela, K. *see* Pozhela, J. 42119
Pozhidaev, E. *see* Kompanets, I. 3486
Pozidis, H. *see* Petropulu, A.P. 34892
Pozimski, J., Dolling, R., Gross, P., Klein, H. Investigation of space charge compensated transport by use of a Gabor plasma lens 37108
Pozimski, J. *see* Dolling, R. 37109
Pozimski, J. *see* Reidelbach, K. 59128
Pozina, G.R. *see* Kochereshko, V.P. 12396
Pozo, F.del *see* del Pozo, F.
Pozun, K. *see* Bizjak, M. 41567
Pozwolski, A.E. Cyclotron acceleration of macroparticles 49218
Pozzetti, A. *see* Croci, F. 39747
Pozzi, F. *see* Schosser, A. 23524
Pozzobon, P. *see* Fracchia, M. 51805
Pozzolo, V. *see* Fiori, F. 40773
Pozzuoli, M. *see* Beaulieu, R. 51072
Pra, P.D., Runggaldier, W.J., Rudari, C. On dynamic programming for sequential decision problems under a general form of uncertainty 40009
Prabhagaran, S. *see* Varadarangan, K. 4408
Prabhakar, A., Stancil, D.D. Quadratic power corrections to the dynamic magnetization using the transverse magnetostatic wave-optical interaction 32821
Prabhakar, A. *see* Sarkar, M. 53267
Prabhakar, A. *see* Subrahmanyam, P.V.S. 32086
Prabhakar, B., Bambos, N. On a singular feature of critical G/M/1 queues 401
Prabhakar, B., Bambos, N. Entropy methods for high speed communications 34505
Prabhakar, B.R. *see* Bharadwaj, R.M. 8969
Prabhakaran, B. *see* Raghavan, S.V. 16405
Prabhakaran, K., Andersson, T.G., Nozawa, K. Nature of native oxide on GaN surface and its reaction with Al 2367
Prabhakaran, K., Sumitomo, K., Ogino, T. Fabrication of buried epitaxial $CoSi_2$ layer through selective diffusion 32245
Prabhakaran, K. *see* Ogino, T. 22400
Prabhakaran, P., Banerjee, P. Parallel algorithms for force directed scheduling of flattened and hierarchical signal flow graphs 1050
Prabhu, A. *see* Basco, R. 11735
Prabhu, A. *see* Kumaraswamy, A. 9951
Prabhu, A. *see* Maly, K. 39623
Prabhu, A.S., Barker, B., Pecht, M.G., Evans, J.W., Grieg, W., Bernard, E.S., Smith, E. A thermomechanical fatigue analysis of high density interconnect vias 30230
Prabhu, A.S. *see* Evans, J. 30238
Prabhu, D. *see* Reddy, N.P. 18199
Prabhu, G. *see* Persad, C. 24411
Prabhu, G. *see* Persad, C. 33875
Prabhu, G. *see* Yeoh, A. 33877
Prabhu, K.M.M., Shanmuga Sundaram, R. Fast algorithm for pseudodiscrete Wigner-Ville distribution using moving discrete Hartley transform 15204
Prabhu, K.M.M. *see* Kumar, P.K. 26984
Prabhu, K.M.M. *see* Sundaram, R.S. 56429
Prabhu, S. *see* Hanna, R.A. 51649
Prabhu, S.S. *see* Kumar, R. 2147
Prabhu, S.S. *see* Srivastava, A. 118
Prabhu, T.Ramsha *see* Ramsha Prabhu, T.
Prabu, T. *see* Ramkumar, P.S. 7228
Prache, O. *see* Jones, G.W. 18617
Prack, E., Franklin, C., Gamota, D. Alternate polyimides for direct chip attach connection technology 30272
Prack, E.R. *see* Bratin, P. 1836
Pracka, I. *see* Frukacz, Z. 13534
Pracka, I. *see* Malinowski, M. 3735
Pracka, I. *see* Mierczyk, Z. 14029
Pracy, J.P.M. *see* Hill, D.L.G. 18400
Pradayrol, C., Casanovas, A.-M., Casanovas, J. Influence of O_2 and H_2O on the spark decomposition of SF_6 and SF_6+50% CF_4 mixtures 13219
Pradayrol, C., Casanovas, A.-M., Casanovas, J. Absorption of SF_6, SF_4, SOF_2 and SO_2F_2 in the 115-220 nm region 13312
Prade, B. *see* Ripoche, J.-F. 24203
Prade, H. *see* Dubois, D. 10281
Prade, H. *see* Dubois, D. 30468
Prade, H. *see* Wilhelm, M. 37536
Pradels, S.A. *see* Bishop, W.J. 20494
Prades-Nebot, J., Albiol, A. Fractal and linear pyramids 46361
Pradhan, D.K., Chatterjee, M., Swarna, M.V., Kunz, W. Gate-level synthesis for low-power using new transformations 11326
Pradhan, D.K., Paul, D., Chatterjee, M. VERILAT: verification using logic augmentation and transformations 11343
Pradhan, D.K. *see* Bakshi, B.S. 58148
Pradhan, D.K. *see* Wanlin Cao 11338
Pradhan, N., Narayana Dutt, D., Sadasivan, P.K., Satish, M. Analysis of the chaotic characteristics of sleep EEG patterns from dominant Lyapunov exponents 8059
Pradhan, S. F-response multiplicity in lower motor neuron disorders 28333
Prado, J., Duhamel, P. A polynomial-transform based computation of the 2-D DCT with minimum multiplicative complexity 15354
Prael, R.E. *see* Buksa, J.J. 7759
Prag, A. *see* Lowenthal, F. 24063
Prahl, J. *see* Krawczynski, H. 37287
Prahlad, M., Gupta, U., Kong, X. Detection of EEG changes via adaptive Itakura distance 49604
Prajapati, M.S. Condenser leakage effect on thermal power generation 60551
Prajs, Z. *see* Dawidziuk, J. 9400
Praka, I. *see* Kaczmarek, S. 14030
Prakash, G.S. *see* Rewatkar, K.G. 936
Prakash, H.N.S., Kumar, S.R., Nagabhushan, P., Gowda, K.C. Modified divisive clustering useful for quantitative analysis of remotely sensed data 8335
Prakash, K.A. *see* Krishnamurthy, E. 8148
Prakash, M. *see* Yu-Po Wang 287
Prakash, M.R.Bhanu *see* Bhanu Prakash, M.R.
Prakash, O., Singh, R.K. Low resistance ohmic contacts to photoconductive CdSe 1753
Prakash, S., Asokan, S., Ghare, D.B. A guideline for designing chalcogenide-based glasses for threshold switching characteristics 22276
Prakash, S.G. *see* Singh, M. 55420
Prakash, S.R.N. *see* Hui, S.Y.R. 60235
Prakash, V., Aubrey, M.J., Gabello, N. Vibration study of an avionics circuit card assembly by holographic interferometry and finite element modeling 37967
Prakash, V., Knadle, K. Analysis of transient thermal strains in a plated through hole using current induced heating and transient Moire interferometry 328
Prakash, V., Valluri, V., Wang, Y.P. Moire interferometry study of a plastic ball grid array packaging assembly 30320
Prakash, V.V.S., Singh, A.K., Christopher, S., Limaye, K.U. Analysis of centered-inclined radiating slot in the broad wall of rectangular waveguide using spectral domain approach 4393
Prakash, V.V.S. *see* Christopher, S. 4340
Prakoonwit, S. *see* Benjamin, R. 18322
Pralle, H. *see* Olbrich, S. 48251
Pramadihanto, D., Wu, H., Yachida, M. Invariant face recognition by Gabor wavelets and neural network matching 25327
Pramadihanto, D., Wu, H., Yachida, M. Face recognition from a single view based on flexible neural network matching 25789
Pramanick, A.K., Reddy, S.M. On the fault coverage of gate delay fault detecting tests 41059
Pramanik, D. *see* Bothra, S. 42707
Pramanik, D. *see* Lin, X.W. 22618
Pramanik, P. *see* Saha, S.K. 54915
Pramataris, K. *see* Doukidis, G. 35543
Pramataris, K. *see* Zahariadis, T. 57784
Pramataris, K.C., Konstantoulakis, G.E., Doumenis, G.A., Stassinopoulos, G.I. Architecture and performance of integrated PC based ATM terminals 26402
Pramayon, P. *see* Davriu, A. 50487
Prance, H. *see* Ralph, J.F. 13511
Prance, H. *see* Whiteman, R. 32932
Prance, R.J. *see* Ralph, J.F. 13511
Prance, R.J. *see* Whiteman, R. 32932
Prandini, M., Campi, M., Leonardi, R. A new algorithm for the automatic search of the best delay in blind equalization 46549
Prandini, M., Campi, M., Leonardi, R. New results on the evaluation of equalizers performance 46555
Pranevicius, L. *see* Knizikevicius, R. 32204
Pranevitchius, H., Pilkauskas, V. Tools for validation and simulation Estelle/Ag specifications 5855
Prantl, M., Borotschnig, H., Ganster, H., Sinclair, D., Pinz, A. Object recognition by active fusion 35133
Prantl, M., Ganster, H., Pinz, A. Active fusion using Bayesian networks applied to multi-temporal remote sensing imagery 5656
Prantl, M. *see* Pinz, A. 18202
Prantl, M. *see* Pinz, A. 25276
Prapinmongkolkarn, P. *see* Chaokumnerd, W. 16305
Praprost, K.L., Loparo, K.A. A stability theory for constrained dynamic systems with applications to electric power systems 8752
Prasad, A.N. *see* Ray, G. 28806
Prasad, B. *see* Finkelstein, S.M. 49375
Prasad, B. *see* Srinivasa Rao, M.P. 43992
Prasad, D.S.V.V.D. *see* Rama Rao, P.V.S. 14614

Prasad, G., Swidenbank, E., Hogg, B.W. A multivariable controller for economical fossil power plant operation 19555
Prasad, G., Swidenbank, E., Hogg, B.W. A multivariable predictive control strategy for economical fossil power plant operation 38613
Prasad, G.D. *see* Ray, G. 28806
Prasad, G.Durga *see* Durga Prasad, G.
Prasad, J., Sees, J., Lester, L., Douglas, M., Templeton, A., Hall, L. Surface analysis of Si(100) wafers processed in vanadium spiked dilute HF solutions 42526
Prasad, J. *see* Sees, J. 42451
Prasad, K. Phenomenon of impulse voltage on three phase insulated winding due to switching 50917
Prasad, K., He, Y. Comparative studies on Al–Ge–Ni and Al–Sn–Ni ohmic contacts to n-type GaAs 2235
Prasad, K.M. *see* Kumar, C.H. 18423
Prasad, K.V. I-NET [X.25-based network] 46866
Prasad, K.V. *see* Hennecke, M.E. 14877
Prasad, M.V.S.N., Sarkar, S.K. Clear air interference predictions in tropospheric radio wave propagation: Indian experiences 24478
Prasad, N.R. *see* Saneifard, S. 60316
Prasad, N.R. *see* Shabani, F. 60210
Prasad, N.S., Doyle, S.M., Giles, M.K. Optical alignment monitoring and stabilization using a liquid crystal television (LCTV) 55322
Prasad, N.S., Geiger, A.R. Advanced systems for parametric imaging in the mid-IR region 48644
Prasad, N.S., Geiger, A.R., Richmond, R. Semiconductor diode pumped optical parametric oscillator and amplifier based compact range finder 6978
Prasad, P. *see* Haynes, L. 30112
Prasad, P. *see* Haynes, L. 36389
Prasad, P. *see* Nair, R. 31610
Prasad, P.N. *see* He, G.S. 14050
Prasad, P.N. *see* He, G.S. 24244
Prasad, P.N. *see* He, G.S. 33397
Prasad, P.N. *see* He, G.S. 44625
Prasad, R. Overview of wireless personal communications: microwave perspectives 58193
Prasad, R. *see* Correia, L.M. 26481
Prasad, R. *see* Dlodlo, M.E. 35508
Prasad, R. *see* Kumar, A. 49341
Prasad, R. *see* Nikookar, H. 45513
Prasad, R.K., Bhatnagar, A., Punjwani, A., Patro, Y.G.K. Postprocessor for integrated optical spectrum analyzer 1482
Prasad, S., Loh, W., Kapoor, A., Chang, E., Stine, B., Boning, D., Chung, J. Statistical metrology for characterizing CMP processes 42604
Prasad, S. *see* Tripathy, S.C. 50345
Prasad, S.E. *see* Jones, D.J. 32656
Prasad, S.J. *see* Brown, K.C. 54824
Prasad, S.M., Chakravarti, A.K. Rights-of-way for fiber optic cables 47901
Prasad, V. *see* Zhang, H. 40300
Prasad, V. *see* Zou, Y.F. 10610
Prasad, V.S.V. Protection engineering for safety of telecom equipments and plants 39691
Prasad, V.S.V. *see* Bhatt, H.K. 58088
Prasada Rao, A.V., Robin, A.I., Komarneni, S. Bismuth titanate from nanocomposite and sol-gel processes 937
Prasada Rao, A.V., Robin, A.I., Komarneni, S. Nanocomposite versus monophasic synthesis of Sm and Mn modified lead titanate 21369
Prasanna, R., Engel, P.A., Constable, J.H. An improved resistance method to determine lead force and lead fatigue in twisted circuit boards 30274
Prasanna, R. *see* Kapur, K.N. 30322
Prasanna, V.K. *see* Neungsoo Park 53344
Prasanna, V.K. *see* Wenheng Liu 4738
Prasanna, V.K. *see* Yongwha Chung 15577
Prasanna, V.K. *see* Yongwha Chung 25452
Prashad, H. Assessment of dynamic coefficients of three-lobe journal bearing through evaluation of electrical parameters–a new approach 60669
Prasolov, B.N. *see* Gridnev, S.A. 43475
Prassopoulos, P. *see* Cavouras, D. 28275
Prat, F. *see* Tavakkoli, J. 49780
Prat, V., Simon, H., Kazandjian, A., Regal, R., Siffert, P. Gamma-ray spectrometry using silicon based scintillation probes 37330
Prat, V. *see* Hage-Ali, M. 37561
Prata, A., Jr. *see* Brown, K.W. 34237
Prata, A., Jr. *see* Keith, A.R. 34293
Pratap, S.B., Kajs, J.P., Walls, W.A., Weldon, W.F., Kitzmiller, J.R. A study of operating modes for compulsator based EM launcher systems 33888
Pratap, S.B. *see* Kitzmiller, J.R. 33879
Pratap, S.B. *see* Walls, W.A. 33890
Pratapneni, S., Jong, J.-M., Kollipara, R., Alani, A., Lim, C., Oehrle, G. SSOCAD: design automation methodology for simultaneous switching noise in ASICs 53084
Prater, A. *see* Carter, B. 18671
Prater, K.B. Solid polymer fuel cells for transport and stationary applications 19990
Prather, E.B. *see* Twiford, M.S. 43313
Prather, W.D. *see* Hoeft, L.O. 48799
Prati, F. *see* Bruining, N. 28305
Prati, F. *see* Gutierrez, J. 23749
Prati, F. *see* Martin-Regalado, J. 14101
Prati, F. *see* Martin-Regalado, J. 55676
Pratisto, H. *see* Frenz, M. 18504
Pratmarty, D., Buchheit, N., Pouliquen, H., Apeldoorn, O. High current low voltage power supplies with high power factor, low harmonics and low costs 51834
Pratmarty, D., Rivoalen, H. Sinusoidal input power supply for electrical tubular heat exchanger 51837
Pratson, L.F., Ryan, W.B.F. Automated drainage extraction in mapping the Monterey submarine drainage system, California margin 18906
Pratt, A.R. *see* Dion, M. 55620
Pratt, D. *see* Barnes, J. 5877
Pratt, D. *see* Barnes, J. 6244
Pratt, D.B. *see* Teran, A. 52314
Pratt, G. *see* Crane, J.K. 14087
Pratt, H. *see* Geva, A.B. 49672
Pratt, L.E. *see* Mastrangelo, J.F. 26480
Pratt, M.A., Chu, C.H., Wong, S. Volume compression of MRI data using zerotrees of wavelet coefficients 28206
Pratt, W.H. A quadrature modulator/demodulator IC covering baseband to 250 MHz 40962
Pratyush Sen *see* Jian-Bo Yang 481
Prause, G.P.M., DeJong, S.C., McKay, C.R., Sonka, M. Geometrically correct 3-D reconstruction of coronary wall and plaque: combining biplane angiography and intravascular ultrasound 37736
Pravadalioglu, S., Akkan, T., Sarul, H., Gulgun, R. Microcomputer controlled high performance PWM modulator for a three phase inverter 9625
Pravdin, S.S. *see* Fomichev, V.P. 33894
Praveen Kumar, A. *see* Reddy, K.V. 54011
Praveen Reddy, K. *see* Ghosh, S. 1951
Pravossoudovitch, S. *see* Girard, P. 41043
Pravossoudovitch, S. *see* Girard, P. 43274
Prawer, S. *see* Finkman, E. 799
Prawer, S. *see* Kalish, R. 41815
Praxl, G. *see* Lemesch, G. 38791
Prazeres, R., Ortega, J.M., Glotin, F., Jaroszynski, D.A., Marcouille, O. Observation of self-amplified spontaneous emission in the mid-infrared in a free-electron laser 44591
Pre Gauntt, J.du *see* du Pre Gauntt, J.
Preas, B. *see* Vishwanath, M. 11464
Preater, R. *see* Swain, R. 7614
Preatoni, R. *see* Costa, V. 41590
Preble, J. *see* Heckman, J. 37003
Prebys, E.J. *see* Kotseroglou, T. 33602
Prechtel, U. *see* Cabanski, W. 17501
Precious, C. *see* Saxena, N. 39753
Preciso, R. *see* Palmieri, V. 49140
Preckwinkel, U., Lindner, J.K.N., Stritzker, B., Rauschenbach, B. Structure and strain measurements on SiC formed by carbon ion implantation 31755
Preckwinkel, U. *see* Lindner, J.K.N. 21333
Predelia, P. Single-chip digital stereo system 58597
Preece, A.W., Kaune, W., Grainger, P., Preece, S., Golding, J. Magnetic fields from domestic appliances in the UK 37896
Preece, C. *see* Bertolissi, E. 46713
Preece, J. *see* Ramsay, J. 6277
Preece, S. *see* Preece, A.W. 37896
Preetham Kumar, B., Branner, G.R. Comparative accuracy analysis of the Legendre polynomial technique of array current reconstruction 34466
Pregenzer, M., Pfurtscheller, G., Andrew, C. Improvement of EEG classification with a subject specific feature selection 7931
Pregenzer, M. *see* Homann, N. 8064
Pregenzer, M. *see* Pfurtscheller, G. 49588
Pregla, R. The method of lines as generalized transmission line technique for the analysis of multilayered structures 14663
Pregla, R. *see* Ahlers, E. 33553
Pregla, R. *see* Ahlers, E. 55246
Pregla, R. *see* Kornatz, A. 24321
Pregla, R. *see* Vietzorreck, L. 21940
Preidel, W. *see* Waidhas, M. 19988
Preier, H. *see* Sartorius, B. 23965
Prein, S., Diddams, S., Diels, J.-C. Complete characterization of femtosecond pulses with all-electronic detection 17829
Preininger, G. *see* Lindroth, A. 8856
Preininger, G. *see* Lindroth, A. 8857
Preis, C., Sardar, M., Keller, J. Radiation amplification with help of the intrinsic Josephson effect 32913
Preis, C., Sardar, M., Keller, J. Parametric amplification of radiation by the intrinsic Josephson effect 33642
Preis, H. *see* Rosenauer, A. 22241
Preis, K., Bardi, I., Biro, O., Hoschek, R., Mayr, M., Ticar, I. A virtual electromagnetic laboratory for the classroom and the WWW 39628
Preis, K. *see* Biro, O. 44939
Preis, K. *see* Groiss, S. 41420
Preisig, J., Brady, D. Adaptive equalization for underwater wireless communications 16006
Preisig, J.C. *see* Gray, S.D. 26939
Preiss, J. *see* Russell, M. 24586
Preissler, F. *see* Steinhauser, P. 58560
Preist, C. Deploying a model-based diagnosis system in the manufacturing test environment 39874
Prel, C. *see* Camy, P. 26837
Prelas, M.A. *see* Popovici, G. 51571
Prelcic, N.G. *see* Farrow, G.S.D. 15472
Prelcic, N.Gonzalez *see* Gonzalez Prelcic, N.
Prelic, N.G., Pena, A.S. An adaptive tree search algorithm with application to multiresolution based perceptive audio coding 34633
Prell, S. *see* Burger, J. 28046
Prell, S. *see* Eick, W. 28034
Prell, S. *see* Eick, W. 59238
Prelov, V. *see* Bassalygo, L. 45492
Premaratne, K., Bauer, P.H. Delta-operator formulated discrete-time systems 4730
Premaratne, K. *see* Bauer, P.H. 4901
Premerlani, W.J. *see* Kliman, G.B. 29245
Premerlani, W.J. *see* Kliman, G.B. 29246
Premerlani, W.J. *see* Kliman, G.B. 51734
Premila, M. *see* Rajaraman, R. 42552
Premoli, A., Rastello, M.L., Cirrincione, G. A new approach to total least-squares techniques for metrological applications 58602
Premoli, A. *see* Pastore, S. 1111
Premoli, A. *see* Pastore, S. 53002
Premuzic, E.T., Lin, M.S., Jing-Zhen Jin, Hamilton, K. Geothermal waste treatment biotechnology 60565
Prendergast, D.J. *see* Larcombe, S.P. 1861
Prendergast, E.P., Agterhuis, E.H., Kuijer, P.G., van den Brink, A., de Haas, A.P., Kamermans, R., de Laat, C.T.A.M., Lourens, W., Oskamp, C.J., Snellings, R.J.M., Voerman, J.M. Properties of CF_4 and isobutane for use in microstrip gas counters 41731
Preneel, B. *see* Anderson, R. 24677
Preneel, B. *see* Bosselaers, A. 14787
Preneel, B. *see* Knudsen, L. 4554
Prenel, J.-P. *see* Thiery, L. 7305
Prengaman, R.D. Improved grid materials for valve regulated lead acid batteries 61005
Prenger, F.C. *see* Daugherty, M.A. 32952
Prenner, G. *see* Hutten, H. 37789
Prentice, J. *see* Chian, M. 26234
Prentiss, M. *see* Johnson, K.S. 2484
Preobrazhenskii, V.V. *see* Bert, N.A. 41968
Preobrazhenskii, V.V. *see* Georgievskii, A.M. 31513
Preparata, F.P. *see* Avnaim, F. 40192
Prepeluh, F. *see* Omahen, P. 19604
Presby, H.M. *see* Doerr, C.R. 26703
Presby, H.M. *see* Henein, G.E. 44313
Presby, H.M. *see* Narayanan, C. 33030
Presby, H.M. *see* Zirngibl, M. 24025
Prescher, D. *see* Nordmann, I. 52858
Prescott, B., McLean, G.F. Line-based correction of radial lens distortion 35272
Prescott, C.Y. Physics results with polarized electrons at SLAC 49298
Prescott, G. *see* Farrell, T.C. 16545
Prescott, W.H. *see* Savage, J.C. 18804
Presedo, J., Fernandez, E.A., Vila, J., Barro, S. Cycles of ECG parameter evolution during ischemic episodes 49626
Preshchepenko, A.B., Tret'yakov, D.V., Shchelkachiov, M.V. Energy balance of piezoelectric generator of frequency 53065
Presnov, D.E. *see* Ahlers, F.-J. 22894
Presnov, D.E. *see* Krupenin, V.A. 43163
Presnov, D.E. *see* Soldatov, E.S. 2732
Presotto, D.L. Inferno security 45617
Press, J.L. *see* Goldblum, C.E. 45248
Pressel, K. *see* Heitz, R. 41971
Pressel, K. *see* Osten, H.J. 757
Pressesky, J. Toward a new paradigm for final test of magnetic media for hard disc drives 32843
Prest, M. *see* Arfelli, F. 37666
Prest, M. *see* Arfelli, F. 49329
Prest, M. *see* Arfelli, F. 59555
Prestage, J. *see* Maleki, L. 48309
Prestage, J.D. *see* Tjoelker, R.L. 27324
Prestage, J.D. *see* Tjoelker, R.L. 48293
Presti, D.L. *see* Randazzo, N. 37511
Presti, D.Lo *see* Lo Presti, D.
Presti, L.L., Montalbano, G., Povero, G. Beamforming design with partially adaptive and minimum redundancy arrays 25211
Presti, L.L., Patane, F., Rovera, D., De Marchi, A. A simulation guided analytical approach to the theory of the Dick effect [frequency standard] 27328
Presti, L.L., Rovera, G.D., De Marchi, A. A signal theory approach to the analysis of the Dick effect 48314
Prestidge, B.R. *see* Prete, J.J. 49830
Prestifilippo, P., Seibilia, R., Baggione, G., Caramazza, G. A switched-mode three-phase 200 A/48 V rectifier with input unity power factor 51299
Presting, H. *see* Colace, L. 2164
Presting, H. *see* Olajos, J. 2165
Presting, H. *see* Sobolev, N.A. 2190
Prestinskii, D.A. *see* Gladysheva, L.G. 3883
Preston, A., Forte, P. Enclosing shape boundaries using properties of contour 46038
Preston, J. *see* Bailey, A. 32501
Preston, J.S. *see* Lindgren, M. 32916
Preston, J.S. *see* Lindgren, M. 55122
Preston, J.S. *see* Terentiev, A.N. 43874
Preston, P. Technology, space and cohesion: an Irish view of "Europe's way to the information society" 26126
Preston, R., Barker, R. Joint tactical missile signatures (JTAMS) calibration methodology 18996
Preston, R., Norton, M., Crow, R.W. Real-time processing of Mid-Wave Infrared Imaging Spectrometer data 17236

Preston, R.C., Bond, A.D. An experimental study of the reflection from spherical and flat ended cylindrical targets suitable for fetal Doppler performance assessment 49563
Preston, R.P. *see* Gronowski, P.E. 1444
Preston, S.D. A review of techniques for measuring the thermal diffusivity of thin films and coatings 7667
Preston, S.L., Thiel, D.V., Lu, J.W., O'Keefe, S.G., Bird, T.S. Electronic beam steering using switched parasitic patch elements 24597
Preston, T.W., Sturgess, J.P. Effect of electronically generated harmonics on the design and performance of electrical machines 60658
Prestwood, L. *see* Wellfare, M. 6976
Presura, R., Georgescu, N., Cengher, M., Zoita, V. Vacuum discharge driven by a magnetic pulse compression circuit 23192
Prete, C.A. *see* Bartoli, A. 16129
Prete, G. *see* Fioretto, E. 59283
Prete, J.J., Bice, W.S., Dubois, D.F., Prestidge, B.R. The coupling of anisotropy and radial dose functions for ^{103}Pd and ^{125}I for use with a commercial treatment planning system 49830
Prete, P. *see* Calcagnile, L. 24116
Prete, P. *see* Lovergine, N. 40395
Prete, Z.Del *see* Del Prete, Z.
Preteux, F. *see* Guillemet, H. 28061
Preteux, F. *see* Mozelle, G. 15934
Preteux, F. *see* Rougon, N. 5579
Preteux, F. *see* Sabourin, R. 5590
Pretorius, D.H. *see* Nelson, T.R. 37720
Pretorius, P.H., King, M.A., Glick, S.J., Pan, T.-S., Luo, D.-S. Reducing the effect of nonstationary resolution on activity quantitation with the frequency distance relationship in SPECT 28237
Pretorius, R. Prediction of silicide formation and stability using heats of formation 42622
Pretorius, R., Mayer, J.W. Silicide formation by concentration controlled phase selection 42245
Pretorius, R.E. Performance and cost optimization filters used for power factor correction 60226
Prettl, W. *see* Gaa, M. 12272
Prettl, W. *see* Ganichev, S.D. 12532
Pretzler, G. *see* Li, Y. 33354
Pretzler, G. *see* Widmann, K. 4096
Pretzler, G. *see* Yuelin Li 13964
Preu, H. Optimizing film and artwork storage and handling 11984
Preu, H. MOPSI-polyethylene laminate for better electrical properties and new PCB solutions 11985
Preuss, A. *see* Stavrev, M. 42639
Prevedel, D. *see* Arnold, R. 1880
Prevedelli, M. *see* Udem, T. 7145
Prevedelli, M. *see* Udem, T. 27341
Prevel, B. *see* Melinon, P. 40534
Preville, G.de *see* de Preville, G.
Previtali, E. *see* Alessandrello, A. 7819
Previtali, E. *see* Alessandrello, A. 37480
Previtali, E. *see* Alessandrello, A. 48812
Previtali, E. *see* Alessandrello, A. 59340
Prevost, D., Lalanne, P., Rodier, J.C., Chavel, P., Dupret, A., Belhaire, E., Garda, P. Video-rate simulated annealing for stochastic artificial retinas 3671
Prevost, G. *see* Witczak, S.C. 22842
Prevost, H. *see* Setzkorn, R. 8196
Prevost, H. *see* Stoebe, T.G. 8198
Prevost, M. *see* Mortreux, P. 514
Prevot, T. *see* Gerlach, M. 59879
Prewett, P. *see* Tingdi Liao 44030
Prewett, P.D. *see* Cui, Z. 42829
Prewett, P.D. *see* Kudryashov, V.A. 42834
Prewett, P.D. *see* Kudryashov, V.A. 42876
Prewett, P.D. *see* Zheng Cui 22716
Priano, C. *see* Fabbricatore, P. 13487
Pribat, D. *see* Parillaud, O. 10704
Pribetich, J. *see* Michel, C. 37855
Pribic, S., Kapetanovic, Z. Ergonomic significances of the drivers cab of the Croatian Railways traction vehicles 10000
Pribicevic, B. *see* Skrlec, D. 8880
Pribil, J. *see* Vich, R. 34677
Price, A. *see* Wu, D.Y. 47941
Price, D. The toad that ate Australia 15321
Price, E. *see* Wang, D.X. 18021
Price, E. *see* Wang, D.X. 49256
Price, G.M. *see* Hagedorn, M.S. 22840
Price, J. Present day aqueous cleaners versus older aqueous cleaners and the justification for no-clean 31616
Price, J.B. *see* Chinn, J.D. 54486
Price, J.C. *see* Freedman, N.M.T. 7913
Price, J.D. *see* Vaughan, G. 16882
Price, K., Saxe, C. Digital storage oscilloscopes: why is sample rate important? 17602
Price, L.E. *see* Allison, W.W.M. 37269
Price, M., Holden, S., Sandler, M. Accurate parallel form filter synthesis 1577
Price, M.J. *see* Lawler-Covell, M.R. 18838
Price, R.R. *see* Morgan, V.L. 59407
Price, S. *see* Anderton, R.N. 58856
Price, S. *see* Frost, R. 8607
Price, T.P.W. *see* Long, P.G. 39872
Price, W. *see* Ahmad, U.M. 52231
Price, W.W. *see* Sancha, J.L. 50300
Price, W.W. *see* Taleb, M. 60724
Prida, V.M. *see* Tejedor, M. 23312
Pridachin, D.N. *see* Ksvitashev, K.K. 30780
Priddy, K. *see* Saeks, R. 59872
Pride, R. *see* Barker, P.S. 27743
Pridmore, J., Buchanan, G., Caracciolo, G., Wedgwood, J. Model-year architectures for rapid prototyping 41210
Pridmore, T.P., Cooper, D., Taylor, N. Estimating camera orientation from vanishing point location during sewer surveys 46469
Priebe, C.E. *see* Rogers, G.W. 18211
Priesmeyer, U. *see* Eickelpasch, N. 38508
Priest, E.C. *see* Petefish, W.G. 52214
Priest, J.E. *see* Gawron, V.J. 59939
Priest, K. *see* Chuck Wong 32397
Priester, C., Sferco, S.J. Edge strain relaxation in quantum wells grown on the cleaved edge of a strained semiconductor superlattice 54186
Priestley, A. The multidimensional positive and nearly conservative Lagrange-Galerkin method. II. The use of C^1 elements 40281
Prieto, A. *see* Anguita, M. 31441
Prieto, A. *see* Anguita, M. 31445
Prieto, A. *see* Rojas, I. 31448
Prieto, A.C. *see* Garcia, C. 12183
Prieto, C., Castaner, R., Martinez, J.L., De Andres, A., Trigo, J., Sanz, J.M. Structural behavior of Co/Cu multilayers studied by X-ray absorption spectroscopy 13436
Prieto, G. *see* Futamura, S. 39480
Prieto, J.L., Aroca, C., Lopez, E., Sanchez, M.C., Sanchez, P. Spectral estimate of a time variable magnetic field 7536
Prieto, M.A.J., Gonzalez, J., Secades, M.R. The European EMC Directive and apparatus connected to the network 4281
Prieto, M.J. *see* Pernia, A.M. 51319
Prieto, P. *see* Cucolo, A.M. 43831
Prieto, P. *see* Segovia, P. 22623
Prieto, P.M. *see* Cagigal, M.P. 7425
Prieto, R. *see* Canalli, V.M. 51102
Prieto, R. *see* Pleite, J. 40918
Prieto, X. *see* Linares, J. 13642
Prieur, E., Haertwig, J., Garcia, A., Ohler, M., Baruchel, J., Aspar, B., Rolland, G. Synchrotron white beam topographic investigation of crystalline defects in silicon on insulator materials 12562
Prieur, G. *see* Mozef, E. 34991
Prigent, M., Nallatamby, J.C., Ngoya, E., Quere, R., Obregon, J. Simulation techniques of non-linear circuit dynamic behaviour 1060
Prigent, M. *see* Branger, B. 53689
Prigent, M. *see* Laporte, E. 53664
Prigge, O. *see* Hoenigschmid, H. 54811
Prigiobbe, V. *see* Bellotti, R. 37270
Prihozhy, A.A. Use of VHDL-based design methodology and 'AHILES' system for education in Belarus 9905
Prijic, Z. *see* Habas, P. 12919
Prijmenko, S., Khizhnyak, N. The effective algorithm to calculate the Green function and its derivatives in the circular waveguide 45313
Prikazchikov, K.A. *see* Brazhkin, B.S. 17212
Prikler, L., Ban, G., Banfai, G. EMTP models for simulation of shunt reactor switching transients 50504
Prima, F.Di *see* Di Prima, F.
Primachenko, V.E. *see* Venger, E.F. 32076
Primavera, A.A. *see* Anderson, L. 20895
Primavera, M. *see* Andryakov, A. 37226
Primdahl, S. *see* Juhl, M. 20000
Primhak, R.A. *see* Marven, S.S. 18462
Primiani, V.M. *see* Cerri, G. 4283
Primiani, V.M. *see* De Leo, R. 7515
Primiani, V.Mariano *see* Mariano Primiani, V.
Primig, R. *see* Bruchhaus, R. 52802
Primozich, J.F. *see* Leotta, D.F. 28124
Primrose, P.L., Leonard, R., Singer, K.E. The training of postgraduates 20449
Prina, E. Air quality in control rooms 39732
Prince, J. *see* Basaran, C. 10106
Prince, J.C., Martin, A.J. Color flat panel display for the Bradley fighting vehicle 18982
Prince, J.L. *see* Davatzikos, C. 18390
Prince, J.L. *see* Gupta, S.N. 35348
Prince, J.L. *see* Gupta, S.N. 57018
Prince, J.L. *see* Huang, C. 199
Prince, J.L. *see* Lei Lin 39815
Prince, J.L. *see* Secker, D.A. 43342
Prince, J.L. *see* Xuebing Xie 40761
Prince, M.R. *see* Cloft, H.J. 37623
Prince, P.J. *see* Baker, T.S. 21169
Prince, T.A. *see* Schindler, S.M. 37451
Principe, J.C. *see* Celebi, S. 24940
Principe, J.C. *see* Fisher, J.W., III 5450
Principe, J.C. *see* Jui-Kuo Juan 1639
Principe, J.C. *see* Kim, M. 6905
Princz, G.J. *see* Hughes, W. 16948
Prineas, J.P. *see* Nelson, T.R., Jr. 3934
Prinet, V., Monga, O., Ge, C., Xie, S.L., Ma, S.D. Thin network extraction in 3D images: application to medical angiograms 8041
Prinetto, P. *see* Corno, E. 40980
Prinetto, P. *see* Corno, F. 11260
Prinetto, P. *see* Corno, F. 11387
Prinetto, P. *see* Corno, F. 21734
Prinetto, P. *see* Corno, F. 41019
Pringle, S.D., Valizadeh, R., Colligon, J.S., Faunce, C.A., Kheyrandish, H. Ion beam reactive sputter-deposition of silicon and zirconium oxides 10891
Prinja, A.K. *see* Connell, L.W. 22946
Prins, A.D., Sly, J.L., Dunstan, D.J. Determination of the linear pressure coefficients of semiconductor bandgaps 22226
Prins, F.E. *see* Gross, H.S. 44979
Prins, F.E. *see* Meier, G.D. 22483
Prins, F.E. *see* Strahle, S. 42872
Prins, M.H.J. *see* Giesbers, J.B. 43000
Prins, M.W.J., Cillessen, J.F.M., Giesbers, J.B., Grosse-Holz, K.-O. Large memory effect in oxidic thin-film transistors with a ferroelectric insulator 3013
Prins, M.W.J., Zinnemers, S.E., Cillessen, J.F.M., Giesbers, J.B. Depletion-type thin-film transistors with a ferroelectric insulator 43011
Prins, M.W.J. *see* Cillessen, J.F.M. 32768
Prins, S.L. *see* Raymond, C.J. 42847
Prinsloo, F.J. *see* van Heerden, S.P. 55802
Prinslow, D.A. *see* Kittl, J.A. 2433
Prinslow, D.A. *see* Kittl, J.A. 22617
Prinz, A. *see* Brunthaler, G. 2204
Prinz, H.T. *see* Stohlker, Th. 7727
Prinz, P. *see* Feichtinger, H.G. 56768
Prinz, P. *see* Kozek, W. 25059
Priolo, F. *see* Carnera, A. 12699
Priolo, F. *see* Coffa, S. 32118
Priolo, F. *see* Coffa, S. 32132
Priolo, F. *see* Coffa, S. 42368
Priolo, F. *see* Franzo, G. 33306
Priolo, F. *see* Nylandsted Larsen, A. 42371
Priolo, F. *see* O'Raifeartaigh, C. 30743
Priolo, F. *see* Privitera, V. 31746
Priolo, F. *see* Spinella, C. 31756
Prior, C.R. Longitudinal and transverse tracking studies for ESS 18045
Prior, J.S. *see* Adams, P.F. 47417
Prior, K. The development of II-VI semiconductors for blue diode lasers 3871
Prior, K.A. *see* Cavenett, B.C. 23709
Prior, K.A. *see* Meredith, W. 33558
Prior, T.R. *see* Theocharous, E. 48527
Priotti, P., Trevisan, M., Picault, Y., Bury, R., Campoli, P., Faulkner, D., Johansson, A., Nilsson, P., Kolsch, R., Loecherbach, E., Roth, P., Rowe, J., Ziemann, O. Network termination and customer premises network 26392
Priotti, P. *see* Huish, P. 26389
Priou, L. *see* Le Helloco, Y. 48040
Prip, L. *see* Franck, T. 3866
Priscoli, F.D., Muratore, F. Radio and network comparisons for MSBN and GSM systems in a geostationary satellite environment 26671
Priscoli, F.Delli *see* Delli Priscoli, F.
Pristovsek, M. *see* Knorr, K. 42434
Prisyazhnyi, V.D., Lisin, V.I., Lee, E.S. Low-melting salts and glasses as Li-battery electrolytes 9487
Pritchard, C.C. *see* Huddleston, W.A. 31652
Pritchard, D.E. *see* Lenef, A. 27913
Pritchard, D.J. *see* Tang, O.S.A. 31530
Pritchard, F.L. The ideal membership problem in non-commutative polynomial rings 10449
Pritchard, G.A. *see* Douglass, D.A. 50602
Pritchard, L.S., Graham, D.S., Ryan, H.M. Evaluation of X-ray induced partial discharge technique for epoxy resin insulation systems 43562
Pritchard, R.E. *see* Ashwin, M.J. 758
Pritchard, T.I. *see* Binns, R.J. 1622
Pritchard, T.I. *see* Raczkowycz, J. 21773
Pritchard, T.W. *see* Beringer, J. 37394
Pritchard, W.S. *see* Stam, C.J. 18411
Priteux, F. *see* Payot, E. 28086
Prithviraj, V., Mallick, A.K. Fault diagnosis of array antennas using homomorphic deconvolution 4396
Pritschow, G., Kosiedowski, U. Predictive feed forward controller for servo drives in machine tool applications 61208
Privalov, V.E. *see* Lipskii, V. 3692
Privat, G., Le Hin, I. Hardware support for shape decoding from 2D-region-based image representations 46405
Privette, J.L. *see* Asner, G.P. 8539
Privette, J.L. *see* Braswell, B.H. 18951
Privette, R.M. *see* Frost, L.J. 19995
Privitera, V., Coffa, S., Priolo, F., Kyllesbech, L.K., Libertino, S., Carnera, A. Room temperature migration of ion beam injected point defects in crystalline silicon 31746
Privitera, V. *see* Coffa, S. 32132
Privitera, V. *see* Cowern, N.E.B. 31747
Privitera, V. *see* Torrisi, L. 42383
Privitzky, G. *see* Biro, J. 10375
Proakis, J.G. *see* Stojanovic, M. 6868
Prober, D.E. *see* Grober, R.D. 45391
Prober, D.E. *see* Wang, J.-Q. 55093
Probert, D.R. *see* Gregory, M.J. 20732
Probert, P.H., Majeski, R.P. Technique for measuring the two-port scattering matrix of a plasma current drive antenna during high power operation 36839
Probert, P.J. *see* Pears, N.E. 7248
Probert, P.J. *see* Thorpe, D.J. 344
Probert, R. *see* El-Gendy, H. 47310
Probert, R. *see* Saleh, K. 5845
Probert, R.L. *see* Williams, A.W. 6192
Probert, S.D. *see* Al-Ismaily, H.A. 50871
Probert, S.D. *see* Mackay, R.M. 60467
Probst, P. *see* Porenta, G. 37691
Probst, P.A. *see* Good, J.A. 27246
Probstner, R. *see* Turan, J. 17430

Proca, A. *see* Faiz, J. 50958
Procaccia, H., Cordier, R., Muller, S. Application of Bayesian statistical decision theory for a maintenance optimization problem 39686
Proch, D. *see* Shu, Q.S. 49022
Prociow, E. *see* Berlicki, T. 27543
Procopio, J. *see* Fornes, J.A. 4189
Procter, P. *see* Cvetkovic, S.R. 59818
Procter, R. *see* Jakobs, K. 16211
Proctor, D. *see* Pollard, B. 32107
Proctor, R. *see* Tumer, T.O. 59361
Proctor, R.L. Accurate and user friendly state-of-charge instrumentation for electric vehicles 39300
Prodan, N. *see* Bodea, O. 48741
Prodanov, V.I., Green, M.M. Bipolar/CMOS (weak inversion) rail-to-rail constant-g_m input stage 40922
Prodanov, V.I., Green, M.M. A differential active load and its applications in CMOS analog circuit designs 41362
Prodi, G. *see* Cantatore, G. 27512
Proesch, G., Hellig, K., Beyer, R., Schneider, A., Burghardt, H., Taudt, W., Heuken, M., Zahn, D.R.T. Defects in MOVPE grown ZnSe on GaAs studied by deep level transient spectroscopy 40477
Proesmans, M., Van Gool, L. A sensor that extracts both 3D shape and surface texture 25494
Proesmans, M., Van Gool, L., Defoort, F. Recognition of suspects through 3D photographs 56654
Proesmans, M., Van Gool, L., Oosterlinck, A. One-shot active 3D shape acquisition 5610
Profeta, J.A., III *see* Ghosh, A.K. 52349
Profeta, J.A., III *see* Smith, D.T. 52104
Profirescu, M.D. *see* Dima, G. 42959
Profumo, A., D'Ascoli, L., Costa, M., Casaschi, P. Interoperability in broadband access networks using ATM PONs 26396
Profumo, A. *see* Brosio, A. 26856
Profumo, A. *see* Gillespie, A. 47433
Profumo, F., Tenconi, A., Facelli, S., Passerini, B., Fimiani, S. Optimised diodes for high voltage GTO snubbers 31085
Profumo, F., Tenconi, A., Griva, G., Facelli, S. How to evaluate IGBT losses on inductive load from data sheet parameters 21492
Profumo, F., Tenconi, A., Griva, G., Facelli, S. A new CAD system to evaluate IGBT losses on inductive load 40783
Profumo, F., Zheng Zhang, Tenconi, A. Axial flux machines drives: a new viable solution for electric cars 39323
Profumo, F., Zheng Zhang, Tenconi, A. Axial flux machines drives: a new viable solution for electric cars 51746
Profumo, F. *see* Griva, C. 39269
Profumo, F. *see* Ilas, C. 9639
Profumo, F. *see* Madlena, M. 9685
Profumo, F. *see* Uhrin, R. 38833
Profumo, F. *see* Uhrin, R. 60905
Profumo, F. *see* Zhang, Z. 9656
Profumo, F. *see* Zhang, Z. 29774
Profumo, F. *see* Zhang, Z. 51725
Profumo, F. *see* Zhang, Z. 51738
Progler, C.J., Byme, D.M. Merit functions for lithographic lens design 22666
Progler, C.J. *see* Krisa, W.L. 2508
Progrebniak, A.B. *see* Lukin, V.V. 5253
Proha, S. Using the National Information Infrastructure (NII) for monitoring, diagnostics and prognostics of operating machinery 39688
Prohaska, R. *see* Zhai Xiaoling 22184
Proimos, B. *see* Costaridou, L. 7973
Proix, B. AVS/Express–an object-oriented visual development tool 49340
Prokaznikov, A.V. *see* Buchin, E.Yu. 31743
Prokert, K., Mann, G. Photon dose measurements in the environment with LiF:Mg,Cu,P-dosemeters–advantages and problems 18575
Prokes, A. The transimpedance amplifier noise optimization for the atmospheric optical link receiver 26883
Prokhorenkova, A.T. *see* Kruglov, V.V. 21802
Prokhorov, A.M. *see* Apollonov, V.V. 23892
Prokhorov, A.M. *see* Dianov, E.M. 23812
Prokhorov, A.M. *see* Shakir, Y.A. 44350
Prokhorov, D. *see* Petrosian, A. 28350
Prokhorov, E.D. *see* Arkusha, Yu.V. 11691
Prokhorov, E.F. *see* Gorev, N.B. 42078
Prokhorov, Yu.A. *see* Gulevich, A.V. 33375
Prokof'ev, A.E., Sizov, O.V., Chistyakov, S.O. Gradient-index optical system for introducing the radiation of a semiconductor laser diode into a single-mode fiber 43930
Prokof'ev, A.E. *see* Arutyunov, V.A. 58829
Prokof'eva, V.V. *see* Zakharenkov, V.F. 28493
Prokofiev, V.V. *see* Raita, E. 44716
Prokofieva, T. *see* Murphy, C.T. 49262
Prokofjeva, K.V., Shmalhausen, V.I. Spatial structures in the ring laser with field rotation 23743
Prokopczuk, A. *see* Tovar, O.H. 59731
Prokopenko, I.G. Double-choice adaptive algorithms for detection of radar signals in non-Gaussian noise 36230
Prokopenko, I.V. *see* Kryshtab, T.G. 42095
Prokopenko, O. *see* Naidenko, V. 41792
Prokopenko, Y.V. *see* Poplavko, Y.M. 58744
Prokopets, A.G., Sasaki, S., Tamara, H., Shibamura, E., Miyajima, M. A self-triggerable liquid xenon ionization drift chamber with a multi-segmented collector 59278
Prokop'ev, V.E. *see* Ivanov, N.G. 14250
Prokopiev, S.I., Aristov, Y.I., Parmon, V.N. Zero-emission turbine on the basis of reversible monofuels as a tool for ecologically sound power engineering: thermodynamic analysis of new flow diagram 60555
Prokopius, P. *see* Edwards, H.S. 37937
Prokopovich, I.P., Khrushchinsky, A.A. Highly efficient generation of high-order harmonics in intense laser fields at coherent stimulated Raman self-scattering 4061
Prokopovich, I.P., Khrutchinsky, A.A. High-efficient generation of high-order harmonics in intense laser fields at the coherent Raman self-scattering 14295
Prokoshev, V.G. *see* Abramov, D.V. 13564
Prokoshev, V.G. *see* Klimovskii, I.I. 30188
Prokoshin, P.V. *see* Malyarevich, A.M. 14386
Prokoshin, P.V. *see* Yumashev, K.V. 33612
Prokoshin, P.V. *see* Yumashev, K.V. 44675
Prokshin, A.N., Sokolov, I.V., Fofanov, Ya.A. Squeezed states of light in optical waveguide, placed into nonlinear resonant medium 23470
Prome, M. Major projects for the use of high power linacs 37008
Pron, A. *see* Barta, P. 23668
Pronic, O., Markovic, V., Males-Ilic, N. Frequency dependence of the equivalent gate and drain noise temperatures of microwave transistors 41454
Pronin, I.P., Rotenberg, B.A., Tarakanov, E.A. Electrostrictive transducer based on the ceramic barium titanate-zirconate 48418
Pronios, N.B. *see* Dravopoulos, I.E. 26597
Pronk, V. *see* Sinha, A. 46877
Pronko, M.S. *see* Lehecka, T. 23734
Pronko, P.P. *see* Van Rompay, P.A. 22218
Pronyakin, V.T. *see* Gurieva, T.M. 31013
Proost, J., Witvrouw, A., Cosemans, P., Roussel, P., Maex, K. Stress relaxation in Al(Cu) thin films 42729
Properzi, A. *see* Efthymiou, N. 47852
Propst, S. *see* Radford, W. 17492
Prosch, C. *see* Krawczynski, H. 37287
Prosch, M. *see* Hellmann, G. 49589
Prosch, T.A. DAB supply with LEO/MEO broadcasting satellites 27133
Proselkov, V.N. *see* Shcheglov, A.S. 60517
Proshin, V.I. *see* Abaidulina, T.G. 31922
Proshin, V.I. *see* Nemov, S.A. 42010
Prosini, P.P., Addonizio, M.L., Antonaia, A., Loreti, S. Electrodeposition of copper-indium alloy under diffusion-limiting current control 30865
Proske, M. All energy sources are different–reflections on the differing quality of energies 60468
Proskurovsky, D.I., *see* Batrakov, A.V. 11792
Proskurovsky, D.I. *see* Batrakov, A.V. 22156
Proskurovsky, D.I. *see* Batrakov, A.V. 22169
Proskurovsky, D.I. *see* Batrakov, A.V. 23206
Prossdorf, S.B. *see* McLean, W. 573
Prost, R., Diab, C. Downsampling versus folding in the DCT domain 4650
Prost, R. *see* Ho-Youl Jung 56726
Prost, R. *see* Rastello, T. 49985
Prost, W. *see* Auer, U. 53681
Prost, W. *see* Lindner, A. 40358
Prost, W. *see* Velling, P. 53476
Prostomolotov, A.I. *see* Verezub, N.A. 21219
Prosvirnin, S. *see* Budanov, O. 45033
Prosvirnin, S. *see* Karvitsky, G. 45099
Prosvirnin, S. *see* Litvinenko, D. 45021
Protasov, D.Yu. *see* Kostyuchenko, V.Ya. 33235
Protat, F. *see* Duan, X. 23330
Protic, R. Natural gas usage in a production of electric energy by fuel cells 61067
Protin, L. *see* Calonnec, P. 61132
Protin, L. *see* Dakyo, B. 60880
Protin, L. *see* Destobbeleer, E. 9319
Protin, L. *see* Koczara, W. 51188
Protin, L. *see* Lafitte, F. 9399
Protiwa, F.-F., Koss, J. A 20 kVA auxiliary resonant commutated pole converter–design and practical experiences 51232
Protonotarios, E.N. *see* Angelopoulos, J.D. 16779
Protonotarios, E.N. *see* Sanchez-P., J.-A. 6182
Protopapas, Z. *see* Korn, F. 49372
Protopopov, I.Ya. *see* Aulchenko, V.M. 37247
Protopopov, V.N. *see* Dianov, E.M. 23492
Protopopov, V.N. *see* Dianov, E.M. 23775
Protopopov, V.N. *see* Dianov, E.M. 44375
Protopopov, V.N. *see* Vasil'ev, S.A. 43968
Protopopov, V.V. *see* Valiev, K.A. 55376
Protsenko, E.D. *see* Naumov, N.V. 44358
Protsenko, E.D. *see* Shananin, R.A. 44432
Protsenko, I. *see* Goncharov, A. 24370
Protsenko, M.B. *see* Lobkova, L.M. 4380
Protsenko, M.V. *see* Lobkova, L.M. 4375
Protsko, S. *see* Titov, A. 45031
Protzmann, H., Hoehnsdorf, F., Spika, Z., Stolz, W., Goebel, E.O., Mueller, M., Lorberth, J. Properties of $(Ga_{0.47}In_{0.53})As$ epitaxial layers grown by metalorganic vapor phase epitaxy (MOVPE) using alternative arsenic precursors 40340
Protzmann, M. *see* Boche, H. 17240
Proud, N.J. *see* Horner, R.E. 51631
Proudfoot, G. *see* McAdams, R. 7756
Proudler, I.K. *see* Harteneck, M. 15380
Proudler, I.K. *see* Smith, M.J. 24993
Proust, C., Miot, C., Husson, E. Dense fine grained ceramics of barium titanate 52846
Proust, C. *see* Malki, E. 2901
Proust, C. *see* Richard, P. 52510
Provan, J.S. On finding two-connected subgraphs in planar graphs 40076
Provan, J.S. *see* Chari, M.K. 10218
Provan, J.S. *see* Chari, M.K. 10219
Proven, G. Induction gearboxes to strange attractors [HAWT design] 29182
Provence, J.D. *see* Golnabi, H. 31221
Provent, P. *see* Loum, G. 35360
Proverbio, E. *see* De Cesare, G. 832
Providakes, J.F. *see* Hysell, D.L. 58449
Provine, J.A., Bruton, L.T. 3-D model based coding–a very low bit rate coding scheme for video-conferencing 5181
Provost, F. *see* Fawcett, T. 16195
Provost, J.G. *see* Lestra, A. 58284
Provost, L.G. *see* Ned, A.A. 27520
Pruchnic, S.J., Jr., Alexay, C.C., Spande, R.A., Condiff, L.R., Bell, P.A. Design, analysis and testing of collimators used for testing low resolution thermal imagers 17536
Pruchnik, D. *see* Dudziak, E. 12437
Prucker, U., Christiansen, J., Frank, K., Gortler, A., Hoffmann, D.H.H., Schwandner, A., Tkotz, R. Electrode phenomena and measurements of the erosion rate in high-current pseudospark-switches 28951
Prucker, U. *see* Frank, K. 22142
Prucker, U. *see* Frank, K. 28948
Prucker, U. *see* Frank, K. 51407
Prucker, U. *see* Schwandner, A. 29498
Prucnal, P.R. *see* Bononi, A. 16790
Prucnal, P.R. *see* Kwong, W.C. 26215
Prudenzano, F. *see* D'Orazio, A. 26860
Prudenzi, A. *see* Caciotta, M. 50486
Prudenzi, A. *see* Lamedica, R. 8833
Prudenzi, A. *see* Lamedica, R. 8834
Prudenzi, A. *see* Lamedica, R. 19248
Prudenzi, A. *see* Lamedica, R. 38344
Prudenziati, M. *see* Bersani, M. 40671
Prudenziati, M. *see* Morten, B. 36460
Prud'homme, R.K. *see* Aksay, I.A. 2997
Prudkovskii, P.A., Skugarevskii, O.V. Selective anisotropic diffraction by noise holographic gratings in lithium tantalate 55933
Prudnikov, A.P. *see* Denisov, V.P. 28012
Prudnikov, A.P. *see* Egorov, N.V. 22157
Pruiksma, J.P., De Leeuw, R.W., Botman, J.I.M., Hagedoorn, H.L., Tijhuis, A.G. Electromagnetic fields in periodic linear travelling-wave structures 37016
Prum, C.B. *see* Voccio, J.P. 60721
Pruneanu, S. *see* Brie, M. 48713
Pruneau, C. *see* Bellwied, R. 59284
Pruneau, C. *see* Pandey, S.U. 37293
Prunele, D.de *see* de Prunele, D.
Pruneri, V., Kazansky, P.G. Electric-field thermally poled optical fibers for quasi-phase-matched second-harmonic generation 24201
Pruneri, V., Kazansky, P.G. Frequency doubling of picosecond pulses in periodically poled D-shape silica fibre 33692
Pruneri, V., Kazansky, P.G., Hewak, D., Wang, J., Takebe, H., Payne, D.N. Frequency doubling in gallium-lanthanum-sulphide optical glass with microcrystals 24134
Pruneri, V. *see* Amin, J. 24150
Pruneri, V. *see* Butterworth, S.D. 24119
Pruneri, V. *see* Kazansky, P.G. 55865
Prunieras, J. Recent thoughts on the VTMIS concept 7007
Prus, O., Auerbach, A., Aloni, Y., Sivan, U., Berkovits, R. Even-odd correlations in capacitance fluctuations of quantum dots 22407
Prusakov, V.N. *see* Abalin, S.S. 9042
Prusseit, W. *see* Klushin, A.M. 32909
Prusseit, W. *see* Klushin, A.M. 43825
Prusseit, W. *see* Oelze, B. 31211
Prussin, S., Liu, P., Zhang, P.F. Transient enhanced diffusion for implant doses exceeding the threshold dose for amorphization and for implants into preamorphized substrates 54338
Prussin, S., Pan, G.Z., Zhang, P.F. Role of dose, dose rate, and anneal temperature on end-of-range dislocation loops 54340
Pruthi, P. *see* Popescu, A. 35581
Prutskij, T. *see* Diaz-Arencibia, P. 2141
Pruvot, P. *see* Harsan, H. 60284
Pruvot, P. *see* Harsan, H. 60312
Prvulovic, G. *see* So, W.S. 16217
Pryadko, L., Gnatovsky, O., Semenets, T., Linnik, V. Photorefractive effect studying in crystals $Pb_5Ge_3O_{11}$:Cu and $Pb_5Ge_3O_{11}$ 14462
Pryalkin, V.I. *see* Dyakov, V.A. 33609
Prybyla, J.A. *see* Theiss, S.K. 42774
Pryce, G. *see* Ashley, T. 3905
Pryce, G.J. *see* Ashley, T. 44434
Prycker, M.De *see* De Prycker, M.
Prydderch, M.L., Seller, P. A 16-channel continuous charge amplifier with sparse readout 37503
Pryde, A.J. Touchpoint: multimedia for all 35832
Pryor, B. *see* Ma, J. 54796
Pryor, B.M. *see* Barrack, C.S. 19422
Pryor, C., Harris, R., Williams, J. Looking down on the farm [agricultural remote sensing] 18946
Pryor, G. *see* Barber, R. 34119
Pryor, R. *see* Jun Ma 13148

Pryor, T.L. *see* Jennings, S.U. 60321
Pryputniewicz, D.R., Pryputniewicz, R.J. Nanoindentation approach to characterization of materials for electronic packaging 30321
Pryputniewicz, R.J. Quantitative electro-optic holography study of dynamics of electronic components 30323
Pryputniewicz, R.J., Kujawinska, M. FEM and Moire interferometry hybrid analysis of stress relaxation in a microconnector 31565
Pryputniewicz, R.J. *see* Brown, G.C. 36899
Pryputniewicz, R.J. *see* Kujawinska, M. 4144
Pryputniewicz, R.J. *see* Pryputniewicz, D.R. 30321
Pryse, S.E. *see* Kersley, L. 38051
Prystay, M. *see* Marinetti, S. 52920
Prytz, A. *see* Heron, M.L. 50121
Prytz, K. *see* Engstrom, M. 59305
Przekwas, A.J., Jiang, Y., Athavale, M.M., Wang, Z.J., van der Zijp, J. A virtual prototyping environment for multi-scale, multi-disciplinary simulation of electronics packaging of MCMs 289
Przelaskowski, A., Kazubek, M., Jamrogiewicz, T. Application of medical image data characteristics for constructing DCT-based compression algorithm 28284
Przelaskowski, A. *see* Kazubek, M. 28281
Przelaskowski, K. EIRENE – Pan-European cellular radiotelephone network for railway and its passengers 58159
Przezdziecki, A. *see* Majewski, A. 44726
Przuntek, H. *see* Buttner, Th. 18407
Przyborowska, K. *see* Dobrzanski, L. 2702
Przyborowska, K. *see* Nossarzewska-Orlowska, E. 1964
Przybylinska, H. *see* Jantsch, W. 13806
Przybylski, J., Koczara, W., Patterson, E.B., Morley, D. Modelling and simulation of PWM power source 51371
Przybyszewski, A. *see* Linsay, P.S. 1178
Przybytek, J. *see* Piotrzkowski, R. 22234
Przybytek, J. *see* Wasik, D. 22232
Psaila, D.C., Martijn de Sterke, C.M., Ouellete, F. Comb filters based on polarization rotation in photosensitive optical fibers 23471
Psaltis, D., Drolet, J.-J., Barbastathis, G., Chuang, E. Compact architecture for holographic systems 55947
Psaltis, D., Pu, A. Holographic 3D disks 3340
Psaltis, D. *see* Chuang, E. 23448
Psaltis, D. *see* Drolet, J.-J.P. 3346
Psaltis, D. *see* Miller, R.A. 23633
Psaltis, D. *see* Pu, A. 4135
Psaltis, D. *see* Pu, A. 4155
Psaltis, D. *see* Wang, H. 55470
Psarras, G.C. *see* Tsangaris, G.M. 43509
Pshenichnikov, M.S. *see* Baltuska, A. 23876
Psofogiannakis, M. *see* Christakis, D. 19611
Psutka, J. *see* Radova, V. 34685
Psycharis, V. *see* Moukarika, A. 32803
Ptacek, J. *see* Neuer, G. 48979
Ptak, R. GAIN – Siemens solution for intelligent network 47315
Ptashchenko, A.A., Melkonyan, D.V., Moroz, N.V., Ptashchenko, F.A. Effect of local nonradiative recombination on time-resolved electroluminescence of p-n junctions 54150
Ptashchenko, F.A. *see* Ptashchenko, A.A. 54150
Ptasinski, L., Zeglen, T., Gajewski, A. Detection hazards caused by ESD–case study, hazards in silos 20772
Ptchelintsev, A., de Halleux, B. Two-conductor line model: Rapid inversion of eddy current data for foil thickness and conductivity determination 998
Ptichnikov, A.V. *see* Glushko, E.V. 18923
Ptitsina, N.G. *see* Verevkin, A.A. 2098
Ptitsyna, E.V. *see* Kuvaldin, A.B. 9143
Ptitsyna, N.G., Villoresi, G., Kopytenko, Y.A., Kudrin, V.A., Tyasto, M.I., Kopytenko, E.A., Iucci, N., Voronov, P.M., Zaitsev, D.B. Coronary heart diseases: assessment of risk associated with work exposure to ultralow-frequency magnetic fields 28456
Pu, A., Curtis, K., Psaltis, D. Exposure schedule for multiplexing holograms in photopolymer films 4155
Pu, A., Psaltis, D. Holographic 3-D disks using shift multiplexing 4135
Pu, A. *see* Psaltis, D. 3340
Pu, R. *see* Jurrat, R. 33113
Pu, Y. *see* Ji, J. 23044
Pu Baorong *see* Cheng Huier 51836
Pu Chiang-Jung *see* Chiang-Jung Pu
Pu Cong *see* Cong Pu
Pu Wang *see* Yujing Huo 3779
Pu Wang *see* Wang Pu
Pu Weixing, Chen Laijiu Designing adaptive fuzzy controllers based on B-spline neural networks 19438
Pu Yu *see* Yu Pu
Pu Zhaoming *see* Zhaoming Pu
Pu-Ling Lu *see* Charap, S.H. 32846
Puate, J., Jordan, F. Using fractal compression scheme to embed a digital signature into an image 46216
Puaut, I. *see* Billot, M. 6319
Puchalla, J.L. *see* Fixsen, D.J. 17008
Pucher, F., Hoang Anh Huy Performance aspects of virtual circuit connections over a local ATM network 16288
Pucher, F., Posch, R. Interoperability with QoS parameters in a heterogeneous N-ISDN/B-ISDN access environment using interlayers 26254
Pucher, H.-J., Glasmacher, M. Laser beam assisted structuring of 3-D molded interconnect devices 10126
Pucher, H.-J. *see* Glasmacher, M. 11969
Puchert, M.K., Hartmann, A., Lamb, R.N., Martin, J.W. Highly resistive sputtered ZnO films implanted with copper 2055
Puchert, M.K. *see* Hartmann, A. 2317
Puchert, R., Barwolff, A., Menzel, U., Lau, A., Voss, M., Elsaesser, T. Facet and bulk heating of GaAs/AlGaAs high-power laser arrays studied in spatially resolved emission and micro-Raman experiments 3852
Puchert, R. *see* Tomm, J.W. 44443
Puchkarev, V.F., Bochkarev, M.B. High current density spotless vacuum arc as a glow discharge 22127
Puckett, E.G. *see* Helmsen, J. 2514
Puckett, J.A., Hamann, J.C. A model for using productivity software in the engineering classroom: MAP VARS & DOC 20646
Puckett, J.M. *see* Menlove, H.O. 7179
Pucko, M. Integration of formal and informal approach to IN services specification and design 35795
Pudelko, G. *see* Gockel, N. 13069
Puder, A., Markwitz, S., Gudermann, F., Geihs, K. AI-based trading in open distributed environments 6158
Pudney, P. *see* Howlett, P. 50685
Pudov, S. *see* Bandman, O. 21847
Pudvay, D.J., Grimm, T.L., Poe, D.R. Liquid cooled high-voltage feedthrough for the K1200 cyclotron 37074
Puech, K., Zott, S., Leo, K., Ruckh, M., Schock, H.-W. Determination of minority carrier lifetimes in $CuInSe_2$ thin films 12308
Puech, K., Zott, S., Leo, K., Ruckh, M., Schock, H.-W. Determination of minority carrier lifetimes in $CuInSe_2$ solar cell absorbers 39079
Puech, V. *see* Richeboeuf, L. 13940
Puech, W., Chassery, J., Bors, A.G., Pitas, I. Mosaicing of paintings on curved surfaces 25459
Puente, C., Claret, J., Sagues, F., Romeu, J., Lopez-Salvans, M.Q., Pous, R. Multiband properties of a fractal tree antenna generated by electrochemical deposition 14715
Puente, C., Romeu, J., Bartoleme, R., Pous, R. Perturbation of the Sierpinski antenna to allocate operating bands 4406
Puers, R., Lapadatu, D. Electrostatic forces and their effects on capacitive mechanical sensors 36511
Puers, R. *see* Geers, R. 59388
Puerta, J. *see* Romero, P. 8904
Puerta Notario, A. *see* Espana Boquera, M.C. 55663
Puerto, R. *see* Taoutaou, D. 38724
Puetter, R.C. Information, language, and pixon-based image reconstruction 15937
Puetter, R.C. *see* Tumer, T.O. 59361
Puetz, J. Cybersurfing by satellite 6301
Puetz, N. *see* Adams, D.M. 36140
Puetz, N. *see* Noel, J.-P. 14098
Pugachev, A.M. *see* Kanaev, I.F. 14426
Pugel, M. *see* Richter, K. 17044
Puges, P. *see* Hyron, A. 47120
Puget, P. *see* Cesarsky, C.J. 36548
Puget, P. *see* Nerin, P. 44417
Pugh, A.C. *see* Karampetakis, N.P. 40026
Pugh, M.L., Zulch, P.A. RLSTAP algorithm development tool for analysis of advanced signal processing techniques 16887
Pugh, W.E. *see* Gagen, P.F. 16430
Pugliese, J.P., Hammoudeh, A., Al-Nuaimi, M.O. Reflection and transmission characteristics of building materials at 62 GHz 34097
Puglisi, A. *see* Montagna, S. 35777
Puglisi, G. *see* Coltelli, M. 28608
Puglisi, R.A. *see* Spinella, C. 31756
Pugnet, M. *see* Iehl, J.L. 33703
Pugzlys, A. *see* Baltuska, A. 44649
Puh, H., Combettes, P.L. Operator theoretic image coding 25355
Puhl, C. *see* Buttner, Th. 18407
Puhl, J.M. *see* Witczak, S.C. 22792
Puhui Long *see* Long Puhui
Puig, T. *see* Bruynseraede, Y. 32920
Puigjaner, L. *see* Delgado, A. 427
Puisto, D. *see* Acosta, R.E. 32303
Puisto, D. *see* Laudon, M. 42885
Puisto, D.M., Lawliss, M.S., Rocque, J.M., Kimmel, K.R., Hartley, J.G. Multiple-pass writing optimization for proximity X-ray mask-making using electron-beam lithography 32300
Puisto, D.M. *see* Laird, D.L. 32294
Pujara, L.R., Kazimierczuk, M.K., Shaheen, A.N.I. Robust stability of PWM buck DC-DC converter 9341
Pujari, S.B., Yadav, K.L., Pai, K.B. Effect of sintering temperature on NPO, X7R and Z5U MLCC capacitor 53706
Pujiang Huang *see* Huang Pujiang
Pujimoto, J.G. *see* Swanson, E.A. 18246
Pujol, J. *see* Rifa, J. 34595
Pujolle, G. *see* Mehaoua, A. 7037
Pukhov, A.A. *see* Buznikov, N.A. 43751
Pukhovaya, G.P. *see* Barkova, L.V. 10051
Pulak, M.F.S., Al-Sultan, K.S. The optimum targeting for a single filling operation with rectifying inspection 10199
Pulat, P.S., Horn, S.J. Time-resource tradeoff problem [project scheduling] 112
Pulfrey, D.L. *see* Tsou, B.P.C. 23969
Pulfrey, D.L. *see* Vaidyanathan, M. 41455
Puliafito, A., Riccobene, S., Scarpa, M. Evaluation of performability parameters in client-server environments 47002
Puliafito, A. *see* Bobbio, A. 30467
Puliafito, S.E. *see* Hartmann, G.K. 8419
Pulin, L. *see* Suying, Z. 13801
Pulin Liu *see* Liu Pulin
Pulino, P. *see* Hoffmann, J.N. 44852
Pulino, P. *see* Hoffmann, J.N. 44853
Puliti, C., Mundula, G., De Paolis, M., Sposi, B., Bolgrihini, S. The experience of A.C.E.A. (Azienda Comunale Energia ed Ambiente) in the achievement of screening about electric transformers contaminated by PCB's 29376
Puljak, I. *see* Alexeev, G. 59200
Pulkin, S.A., Migunov, A.O. Study of the Michelson resonator dispersion of an absorption-cell multimode laser with a strong intermode coupling 24039
Pulkin, S.A., Toptygina, G.I., Uvarova, S.V., Korotkov, V.I., Vitushkin, L.F. Amplification and generation without population inversion in two- and three-level atomic media in a strong polyharmonic light field 24114
Pul'kin, S.A. *see* Abramova, L.Yu. 17785
Pulkkinen, J., Akesson, M., Petterson, M. Replacing the turbine protection and control system at Finland's TVO nuclear power plant 50709
Pulko, S.H. *see* Langley, P. 45274
Pullammanappallil, S.K., Louie, J.N. A combined first-arrival travel time and reflection coherency optimization approach to velocity estimation 50028
Pullela, R. *see* Agarwal, B. 53590
Pullela, S., Menezes, N., Pileggi, L.T. Moment-sensitivity-based wire sizing for skew reduction in on-chip clock nets 53103
Pullen, A. *see* Hind, D. 38144
Pullen, J.M. Synchronous distance education via the Internet 20501
Pullen, S.P., Enge, P.K., Parkinson, B.W. Control system optimization with unbounded uncertainty: application to aircraft precision approach using GPS 37969
Pulleyblank, W.R. Two Steiner tree packing problems 31035
Pulli, K., Shapiro, L.C. Triplet-based object recognition using synthetic and real probability models 15522
Pullia, A., Bertuccio, G. Resolution limits of silicon detectors and electronics for soft X-ray spectroscopy at non-cryogenic temperatures 37300
Pullia, A., Gritti, G., Ripamonti, G. Stochastic digital filtering of nuclear radiation signals: a new approach 59317
Pullia, A. *see* Bertuccio, G. 37493
Pullia, A. *see* Bertuccio, G. 37575
Pullia, A. *see* Bertuccio, G. 59208
Pullia, A. *see* Geraci, A. 59346
Pullia, A. *see* Nava, F. 59213
Pullia, A. *see* Ripamonti, G. 31355
Pulliainen, J. *see* Hyyppa, J. 50232
Pulliainen, J. *see* Kurvonen, L. 8318
Pulliam, T. *see* DeWitt, J. 59243
Pulliam, T. *see* Dubbs, T. 37393
Pulliam, T. *see* Unno, Y. 37395
Pulliam, W.J. *see* Jones, M.E. 49873
Pullin, M.J. *see* Tang, P.J.P. 41970
Pullo, S.H. *see* Wilkinson, A.J. 51111
Pulner, E.O. *see* Nashelsky, A.Ya. 30705
Pul'nikov, A.A. Influence of eddy currents in a massif salient pole shoe teeth on the core winding EMF of a combined inductor exciter 38693
Puls, J. *see* Henneberger, F. 55636
Pulsifer, P.E. *see* Sanford, T.W.L. 7753
Pulsone, N. *see* Raghavan, R.S. 4757
Pulver, D. *see* Jurrat, R. 33113
Pulvirenti, S. *see* Rovelli, A. 49146
Pulz, L. *see* Lubaszewski, M. 10038
Pum, D., Stangl, G., Sponer, C., Riedling, K., Hudek, P., Fallmann, W., Sleytr, U.B. Patterning of monolayers of crystalline S-layer proteins on a silicon surface by deep ultraviolet radiation 42861
Pumar, C. *see* Mur, F. 9352
Pun, E.Y.B. *see* Zhao Souan 23546
Pun, E.Y.B. *see* Zhu, N.H. 45295
Pun, K.F., Chin, K.S. Implementing total productive maintenance in food-processing industry: a case study 39696
Pun, T. *see* Jacot-Descombes, A. 57143
Pun, T. *see* Rauber, C. 57319
Pun, W.H., Jeffs, B.D. Shape parameter estimation for generalized Gaussian Markov random field models used in MAP image restoration 15518
Pun Hau Ka *see* Ka Pun Hau
Pun Kong-Pang *see* Kong-Pang Pun
Pun Wai Ho *see* Wai Ho Pun
Pun Yi, Liu Zhuo, Yu Erkeng The two-step coordinate equation algorithm of power system dynamic optimal dispatch 50375
Punch, W.F. *see* Decker, D.B. 7172
Pung, H.K. *see* Li, H. 47342

Punjwani, A. *see* Prasad, R.K. 1482
Punjwani, A.N., Chalapathi, I., Patro, Y.G.K. Design of laser diode driver circuit using GaAs MeSFETs for high speed optical fibre transmitters 6778
Punkkinen, J. *see* Konkka, I. 59718
Punzi, G. *see* Antos, J. 37373
Pupin, M.I. A discussion on experimental tests of the radiation law for radio oscillators 34322
Pupko, V.Ya. Work on nuclear power plants for space 37981
Pupko, V.Ya. *see* Gulevich, A.V. 33375
Puppin, E. *see* Callegaro, L. 43633
Puppin, E. *see* Callegaro, L. 48951
Puppin, E. *see* Dallera, C. 7847
Puppin, E. *see* Zangari, G. 3144
Puranen, L., Jokela, K. Radiation hazard assessment of pulsed microwave radars 37912
Puras, C. *see* Adam, A. 37280
Purat, M. Audio coding using dynamic time-frequency decompositions 4841
Purat, M., Noll, P. Audio coding with a dynamic wavelet packet decomposition based on frequency-varying modulated lapped transforms 14823
Purcell, J. *see* Cummins, T. 57213
Purcell, S. Mpact 2 media processor, balanced 2× performance 41242
Purcell, S. *see* Jergl, J. 51478
Purcell, S.T. *see* Vu Thien Binh 31691
Purcell, S.T. *see* Vu Thien Binh 53915
Purdenzano, F. *see* Bozzetti, M. 3411
Purdom, D.M. *see* White, J.A. 30059
Purdy, C.N. *see* Hauser, J.W. 9712
Purdy, D.R., Hipwood, L.G. Three-dimensional patterning technology for the fabrication of complex micro-components 12839
Purdy, J.A. *see* Matthews, J.W. 37859
Purdy, L., Safayeni, F., Astad, U. Virtual organizations and management control 10010
Puretzky, A.A. *see* Geohegan, D.B. 10744
Puretzky, A.A. *see* Geohegan, D.B. 10864
Puretzky, A.A. *see* Lowndes, D.H. 10745
Puretzky, A.A. *see* Lowndes, D.H. 21317
Puretzky, A.A. *see* Rouleau, C.M. 10746
Pureur, D., Martinelli, G., Bernage, P., Niay, P., Douay, M., Delevaque, E. Characterization of the light scattered from type IIA phase gratings 23476
Pureur, D., Martinelli, G., Bernage, P., Niay, P., Douay, M., Monerie, M. Optical power transversely scattered from fiber Bragg gratings: far-field measurements and modeling 43932
Pureur, D. *see* Douay, M. 55193
Pureur, D. *see* Taunay, T. 43967
Puri, A., Schmidt, R.L., Haskell, B.G. Improvements in DCT based video coding 56875
Puri, M.C. *see* Gupta, R. 483
Puri, R., Bjorksten, A., Rosser, T.E. Logic optimization by output phase assignment in dynamic logic synthesis 11335
Puri, R., Jun Gu A BDD SAT solver for satisfiability testing: an industrial case study 1278
Puri, R.R., Haake, F., Forster, D. Stroboscopic dynamics of the micromaser 23723
Purica, M. *see* Rusu, E. 42269
Puritis, T. Light and heavy charge carrier caused breakdown of silicon p-n junction 42094
Puritis, T. Problems related to the avalanche and secondary breakdown of silicon P-N junction 42935
Purkey, R. *see* Bernstein, L. 47418
Purkins, T. *see* Cesarsky, C.J. 36548
Purlatz, T.A. *see* Aulchenko, V.M. 37214
Purlatz, T.A. *see* Aulchenko, V.M. 37247
Purner, F. *see* Hohnloser, J.H. 34611
Purnomo, M.H., Shigeta, K., Shimizu, E. Adaptive supervisory of induction motor starting by artificial neural networks 50968
Purohit, D.S. *see* Mathur, A.C. 4341
Puron, E. *see* de Melo, O. 2007
Pursch, H., Juttner, B. The behaviour of the ion current at the extinction of high current vacuum arcs 29462
Pursch, H. *see* Beilis, I. 41767
Purser, K.H. *see* Allen, L.P. 12653
Pursley, M.B., Russell, H.B., Staples, P.E. Measuring the link qualities in a frequency-hop packet radio network for use in the routing of multimedia packets 58150
Pursley, M.B. *see* Baum, C.W. 16012
Pursley, M.B. *see* Gass, J.H., Jr. 58152
Purtell, R.J. *see* Neumayer, D.A. 52798
Purushotham, A., Garverick, S.L., Edwards, C., Nagy, M.L. A closed-loop micromotor control system 9289
Purushotham, A. *see* Garverick, S.L. 27475
Purushotham Iyer, H.A. Energy efficient motors–design considerations 19734
Purushothaman, G., Karayiannis, N.B. On the capacity of feed-forward neural networks for fuzzy classification 15232
Purushothaman, S. *see* Ahmad, U.M. 52231
Purushothaman, S. *see* Shaw, J.M. 10229
Purves, C. *see* Alexeev, G. 59200
Purvis, A. *see* Gourlay, J. 55319
Purvis, A. *see* Phillips, D. 41204
Purvis, B.D., McDaniel, J.W., Unger, R.A., Orr, C.E. Crew station measurement methodology: a quantitative approach 8249
Purwar, A. *see* White, M.H. 1368
Purwins, H.-G. *see* Niedernostheide, F.-J. 22906
Purwins, H.-G. *see* Portsel, L.M. 36648
Purwoadi, M.A., Kummetz, J., Pietrzak-David, M., de Fornel, B. Nonlinear decoupling control for PWM fed induction motor using H_∞ optimisation techniques 61167
Purwosumarto, P. *see* Yu, F.T.S. 15686
Puschell, J.J., Kraye, H. MARVL™ highway visibility monitor: real time highway safety 58483
Puschmann, R. Foundations for the planning of overhead system installations 61271
Pusep, Y.A., Silva, M.T.O., Galzerani, J.C., Milekhin, A.G., Moshegov, N.T., Toropov, V.I. Spectroscopic study of plasmon anisotropy in heavily doped GaAs-AlAs superlattices 42127
Pushan Tang *see* Tang Pushan
Pushkar, Yu.E. *see* Pastushenkov, Yu.G. 55021
Pushkar, Yu.E. *see* Suponev, N.P. 3150
Pushkarev, G.P. Wave measure of length for range-finding 7579
Pushkarev, G.P., Ogoluk, V.P., Kupko, V.S., Sobol, V.V., Sugatchev, O.L. Measurement laser complex for reproduction and transfer of the size of the length unit in the great lengths area 14508
Pushkaryov, K.A. *see* Belousov, Ye.V. 53992
Pushkaryov, K.A. *see* Vorobjov, G.S. 56114
Pushkaryov, K.A. *see* Vorobyov, G.S. 14567
Pushkin, S. *see* Al'shina, A. 27937
Pushkin, S. *see* Gaigerov, B. 27332
Pushnyi, B.V. *see* Lundin, W.V. 52640
Pusiol, D. *see* Anoardo, E. 17233
Puska, E.K., Kontio, H. APROS simulation environment in nuclear plant simulation 50714
Puska, P.P. *see* Lindell, I.V. 14547
Puskorius, S., Minkevicius, S. On estimates of the loss probability for an M/M/n queueing system with channels of different service productivity 30440
Puspoki, S. *see* Bartha, L. 44537
Pust, L., Nalevka, P., Galkin, A., Koblischka, M.R. Induced currents in Bi-(2223) superconducting tapes in a magnetic field 43764
Pustelny, T. Photoelectroluminescent electric field intensity sensor 58784
Pusterla, M. *see* Conte, M. 18056
Pustilnick, S.M. *see* Hussman, K.L. 37648
Pustovit, A.N. *see* Avrutin, V.S. 30741
Pustovit, A.V. *see* Levin, E.M. 3234
Put, E.J.H. *see* Matsuda, N. 14388
Put, P.L.M., Urbach, H.P., Morton, R.D., Rusch, J.J. Resolution limit of optical disc mastering 43915
Put, P.L.M., van Rosmalen, G.E., Kahlman, J.A.H. Prototype optical tape recorder 43916
Putgens, L. *see* Kremp, K.-H. 17043
Putilin, S.E. *see* Mazurenko, Y.T. 4086
Putilin, S.E. *see* Mazurenko, Yu.T. 4117
Putlitz, G.zu *see* zu Putlitz, G.
Putnam, M.A. *see* Davis, M.A. 17441
Putnam, M.A. *see* Davis, M.A. 17451
Putnam, M.A. *see* Friebele, E.J. 17439
Putnam, M.A. *see* Jones, R.T. 17407
Putnam, M.A. *see* Jones, R.T. 48576
Putnam, M.A. *see* Williams, G.M. 47914
Putrino, M. *see* Kennedy, A.R. 41232
Putrus, G.A. Principles of switching power converters 19882
Putrus, G.A., Jenkins, N., Cooper, C.B. A static fault current limiter and circuit breaker 19411
Putt, J.Van Der *see* Van Der Putt, J.
Putta Swamy, C.L. *see* Singh, B.N. 61231
Putten, A.F.P.van *see* van Putten, A.F.P.
Putten, A.Van *see* Van Putten, A.
Putten, M.H.P.M.van *see* van Putten, M.H.P.M.
Putten, M.J.A.M.van *see* van Putten, M.J.A.M.
Putten, N.van der *see* van der Putten, N.
Puttick, K.E. *see* Jeynes, C. 12153
Puttmer, A., Hauptmann, P., Lucklum, R., Krause, O., Henning, B. SPICE model for lossy piezoceramic transducers 38126
Puu, G., Gustafson, I., Tjarnhage, T. Development of a biosensor based on lipid bilayer structures and membrane proteins on transducer surfaces 27691
Puyane, R., Toal, E., Hampshire, S. Production of doped ZnO powders for varistor applications using sol-gel techniques 928
Puying Xiao *see* Xiao Puying
Puylaert, C.B.A.J., Puylaert, J.B.C.M., van Waes, P.F.G.M. General radiology: the first century...and after 7915
Puylaert, J.B.C.M. *see* Puylaert, C.B.A.J. 7915
Puymbroeck, J.Van *see* Van Puymbroeck, J.
Puzanov, A.A. *see* Gizhevskii, B.A. 32153
Puzanov, O. *see* Masalov, S. 45022
Puzicha, J. *see* Hofmann, T. 57506
Puzzer, T. *see* Sproul, A.B. 39001
Py, C., Itoh, J., Hirano, T., Kanemaru, S. Beam focusing characteristics of silicon microtips with an in-plane lens 31703
Py, J. *see* Hernandez, D. 48611
Py, M.A. *see* Moreira, M.V.B. 2709
Pyankov, V. *see* Chumachenko, V. 45310
Pyarali, I., Harrison, T.H., Schmidt, D.C. Design and performance of an object-oriented framework for high-speed electronic medical imaging 49398
Pyata, E.A. *see* Anashin, V.V. 36549
Pyati, V.P. *see* McGrath, D.T. 33928
Pyatigorskii, G.A. *see* Dranevich, V.A. 27409
Pyatkin, V.P. *see* Kazantsev, I.G. 38032
Pyatkin, V.P. *see* Kazantsev, I.G. 46285
Pyatkova, N.I. *see* Voropai, N.I. 50406
Pyatkova, T.M. *see* Gizhevskii, B.A. 32153
Pycock, D. *see* Zandhuis, J.A. 39871
Pye, D. *see* Woodland, P.C. 15126
Pye, G., Hansli, W., Vock, C. Deploying the Honeywell scanner receiver unit 28713
Pye, J.K. *see* Nehra, D. 49403
Pyee, M. *see* Trotel, A. 43872
Pyeong Jung Kim, Sang Hwan Kung, Seung Ku Hwang Horizontal architecture for high performance parallel communication systems 57922
Pyle, J.L., Ruskell, T.G., Workman, R.K., Xiaowei Yao, Sarid, D. Growth of silicon nitride by scanned probe lithography 40507
Pyle, K. Local telcos, cable companies partner for profit 5907
Pylev, I.M. *see* Arm, V.Kh. 50810
Pyndiah, R. *see* Adde, P. 4525
Pyndiah, R. *see* Picart, A. 4466
Pyndiah, R. *see* Solaiman, B. 46500
Pyne, P.J.E. *see* Alquie, C. 43572
Pyo, I. *see* Oh, J. 1075
Pyo Chae Kwang *see* Kwang Pyo Chae
Pyo Hong Jin *see* Jin Pyo Hong
Pyon, T. *see* Gregory, E. 55138
Pyong Sik Pak, Yutaka Suzuki Construction and characteristics of a CO_2-capturing power generation system in operation at daytime by making use of nighttime waste heat 19569
Pyong Yong Seong *see* Chul Woo Lee 43910
Pyoung-Ho Kim *see* Hyung-Lae Baek 9459
Pypkin, B.N. *see* Polyakov, V.I. 54268
Pyrlik, J. *see* Krizan, P. 59293
Pyshnaya, N.B. *see* Ursaki, V.V. 42418
Pyt'ev, Yu.P., Yaoming, Z., Filatova, S.A. On problems of refining the experiment interpretation and model 36359
Pyt'ev, Yu.P., Zhou Yaoming, Filatova, S.A. Comparative analysis of linear and nonlinear methods of interpretation 17134
Pyun, K.-E. *see* Hong, S.-K. 30815
Pyun, Y.B. *see* Chang, H. 61055
Pyun Kwang Eui *see* Kwang Eui Pyun
Pyun Kwang-Eui *see* Kwang-Eui Pyun
Pyun Kwhang Eui *see* Kwhang Eui Pyun
Pyun Su-Il *see* Su-Il Pyun
Pyun Su-Il *see* Su-Il Pyun
Pyung Choi *see* Jung Bong Lee 48015
Pyung Dong Cho *see* Kun Suk Kim 57963
Pyung Hun Chang, Juyi Park Use of input shaping technique with a robust feedback control and its application to the position control of surface mount machine 1780
Pyung Joong Song *see* Chung Ho Cho 16101
Pyykko, I. *see* Juhola, M. 59622
Pyykko, I. *see* Starck, J. 28222
Pyzer, S., Williams, P., Richards, D. Applying the operational support systems architecture 35568

Qaddoumi, N., Ganchev, S., Zoughi, R. Microwave diagnosis of low-density fiberglass composites with resin binder 40714
Qadeer, S., Brayton, R.K., Singhal, V., Pixley, C. Latch redundancy removal without global reset 1249
Qader, M.R., Bollen, M.H.J. Stochastic voltage sag prediction technique 19270
Qader, M.R. *see* Bollen, M.H.J. 39460
Qadir, A. *see* Chaudhry, M.A. 30662
Qadri, S.B., Yang, J.P., Skelton, E.F., Ratna, B.R. Evidence of strain and lattice distortion in lead sulfide nanocrystallites 41902
Qadri, S.B. *see* Dorsey, P.C. 43647
Qadri, S.B. *see* Grun, J. 42360
Qadri, S.B. *see* Horwitz, J.S. 40623
Qambar, I.S. *see* Abuelma'atti, M.T. 52985
Qasaimeh, O. *see* Zebda, Y. 23680
Qassim, R.Y. *see* Szklo, A.S. 52099
Qatu, M. *see* McDonald, D. 20695
Qazem, J.M. *see* Al-Abbas, I.K. 9242
Qazi, M.J., Calla, D.A. The benefits of machine vision 41629
Qi, J., Angerer, W., Yeganeh, M.S., Yodh, A.G., Theis, W.M. Midgap states observed by nonlinear optical spectroscopy of metal: GaAs junctions 2241
Qi, J., Moran, M.S. An integrated approach to estimating LAI using multitemporal and multidirectional remote sensing measurements 8299
Qi, J., Schow, C.L., Garrett, L.D., Campbell, J.C. A silicon NMOS monolithically integrated optical receiver 58377
Qi, M. *see* Ferguson, M.I. 37283
Qi, Y.J. *see* Barette, J. 59207
Qi Bojin Study on the method of measuring dynamic properties of arc welding power sources 61371
Qi Bojin, Liu Yuchi, Xin Jun High power fullbridge IGBT welding inverter and its control 61372
Qi Cao *see* Wei Li 27896
Qi Chen, Babuska, I. The optimal symmetrical points for polynomial interpolation of real functions in the tetrahedron 533
Qi Chen *see* Yingduo Han 50376

Qi Cheng, Yingbo Hua Detection of frequencies using least square error function 25113
Qi Chenmin *see* Qu Xinghua 17197
Qi Fang *see* Fang Qi
Qi Feihu *see* Ye Xiangyun 5263
Qi Gang Gao A computational model for understanding three-dimensional view space 25585
Qi He Exploration of SCADA/DA system mode for county power network 19293
Qi He Hong *see* Lettington, A. 27049
Qi Huai Yin, Lu Jin The operation property of the set and its application in the PLD design 53148
Qi Huang *see* Jingjiang Yin 10728
Qi Huang *see* Yin Jingjiang 54098
Qi Huang *see* Huang Qi
Qi Jiang *see* Tao, R. 967
Qi Jieming *see* Jieming Qi
Qi Lanfen, Lui Xiangyao, Ma Hong Development of NRD-guide E-plane double-Y junction circulator 41406
Qi Lanfen *see* Zhang Yerong 58954
Qi Lanfen *see* Lanfen Qi
Qi Lanfeng *see* Zhou Jian 56173
Qi Li, Parthasarathy, S., Rosenberg, A.E., Tufts, D.W. Normalized discriminant analysis with application to a hybrid speaker-verification system 15085
Qi Li *see* Fenner, D.B. 10747
Qi Li *see* Xinfan Huang 12501
Qi Liqun *see* Liqun Qi
Qi Liu *see* Liu Qi
Qi Long *see* Long Qi
Qi Luo, Xiaoyuan Chen, Zhiguo Liu, Zhengmin Sun, Naiben Ming Deposition of oriented polymer films for liquid crystal alignment by pulsed laser ablation 40524
Qi Luo, Xiaoyuan Chen, Zhiguo Liu, Zhengming Sun, Naiben Ming Deposition of oriented polymer films for liquid crystal alignment by pulsed laser ablation 52855
Qi Ming, Li Aizhen Recombination effects and current transport in abrupt heterojunction bipolar transistors 2588
Qi Ming, Xiao Guozhen Enhancing the security of generalized ElGamal type signature schemes 14847
Qi Pan, Green, R.J. Performance analysis preclipping AM/QAM hybrid lightwave systems 26785
Qi Pan, Green, R.J. Power spectrum of clipping distortion noise in optical fibre video transmission systems 58288
Qi Qingcheng *see* Yang Xuechang 1747
Qi Tan, Viehland, D. Alternating and direct current field effects on the dielectric response of La-modified lead zirconate titanate 32651
Qi Tan, Xu, Z., Jie-Fang Li, Viehland, D. Influence of lower-valent *A*-site modifications on the structure-property relations of lead zirconate titanate 2951
Qi Tong *see* Tong Qi
Qi Wang, Crandall, R.S., Schiff, E.A. Field collapse due to band-tail charge in amorphous silicon solar cells 39144
Qi Wang, Ning, Y.N., Grattan, K.T.V., Palmer, A.W. Noise effects in position measurement using a white light interferometric system linked with different core diameter multimode fibres 17446
Qi Wang *see* Crandall, R.S. 39145
Qi Wang *see* Wang Qi
Qi Wang Song, Xu-Ming Wang, Bussjager, R. High-efficiency electro-optic grating switch with improved performance 13698
Qi Wei, Hongliang Zhang, Yuzhou Zhong A robust approach to video segmentation using compressed data 57346
Qi Weidong *see* Fang Zenan 29233
Qi Wu, Xi-Cheng Zhang Design and characterization of traveling-wave electrooptic terahertz sensors 58711
Qi Xinmin *see* Yu Gongxin 44819
Qi Yihong *see* Yihong Qi
Qi Yingyong *see* Yingyong Qi
Qi Yu Zan *see* Zan Qi Yu
Qi Zhao *see* Burnside, B.M. 19567
Qi Zhao *see* Zhao Qi
Qi Zhen-Zhong *see* Shi Wang-Zhou 42280
Qi Zhongtao *see* Qian Zhaohua 4750
Qi Zhu, Shanjin Xu Pattern analysis of airborne dipole antenna in high-frequency region 56133
Qi Zhu *see* Shaohua Tan 30569
Qi Zhu *see* Zhu Qi
Qi Zhuang *see* Zhuang Qi
Qi-Jin Chen *see* Chen Qi-Jin
Qi-Jun Zhang *see* Guowu Zheng 11082
Qi-Jun Zhang *see* Phanilatha, V. 292
Qi-Ming He, Jewkes, E. Flow time distributions in queues with customer batching and setup times 52404
Qi-Ren Zhang *see* Zhang Qi-Ren
Qi-Rong Jiang *see* Xu Liang 19217
Qi-Sheng Lu *see* Zhi-Ping Jiang 4986
Qi-Shuang Ma *see* Ma Qi-Shuang
Qi-Yuan Wang, Tian-Hai Cai, Yuan-Huan Yu, Lan-Ying Lin Low-temperature (10 K) infrared measurement of interstitial oxygen in heavily antimony-doped silicon via wafer thinning 54037
Qi-Zhong Hong *see* Kittl, J.A. 2433
Qian, F. *see* Dickson, M. 30916
Qian, J.J. *see* Chen, Y.H. 32439
Qian, K. Sojourn-time analysis and CAC in ATM networks 25834
Qian, K., Georganas, N.D., McDonald, D. An efficient algorithm for multimedia call-admission control 16417
Qian, L., Benjamin, S.D., Smith, P.W.E., Robinson, B.J., Thompson, D.A. Picosecond carrier lifetime and large optical nonlinearities in InGaAsP grown by He-plasma-assisted molecular beam epitaxy 23445
Qian, W. *see* Polyakov, A.Y. 30753
Qian, Y., Zhu, Z.H., Lo, Y.H., Hou, H.Q., Wang, M.C., Lin, W. 1.3-μm Vertical-cavity surface-emitting lasers with double-bonded GaAs-AlAs Bragg mirrors 23901
Qian, Y. *see* Cho, Y. 18067
Qian, Y.L. *see* White, M. 37030
Qian, Z. *see* Davanipour, Z. 49808
Qian, Z. *see* Williams, B.W. 51359
Qian Chen, Fukumoto, T., Haiyuan Wu, Yachida, M. Face observation using an active camera 57118
Qian Chen *see* Haiyuan Wu 5612
Qian Chen *see* Haiyuan Wu 5621
Qian Chen *see* Haiyuan Wu 25506
Qian Chen *see* Hua Yu 5110
Qian Cheng, Sun Mingsong A direct-modulated transmitter for 1.5 GHz digital microwave communications 58135
Qian Cheng, Sun Zhongliang W-band MIC mixer module 53683
Qian Feng *see* Feng Qian
Qian Gao *see* Gao Qian
Qian Haifeng *see* Haifeng Qian
Qian Huang, Dom, B., Megiddo, N., Niblack, W. Segmenting and representing background in color images 5588
Qian Jiang *see* Jiang Qian
Qian Jiang Xiang *see* Jiang Xiang Qian
Qian Jianzhong *see* Feng Zhenghe 58461
Qian Jianzhong *see* Jianzhong Qian
Qian Li *see* Li Qian
Qian Liejia *see* Hua Renzhong 3961
Qian Liejia *see* Hua Renzhong 3964
Qian Liejia *see* Liejia Qian
Qian Lin *see* Allebach, J. 56791
Qian Ling *see* Zhu Wen Hu 58641
Qian Ling Zhang *see* Zhang Qian Ling
Qian Liu *see* Liu Qian
Qian Min *see* Min Qian
Qian Peng Wei *see* Peng Wei Qian
Qian Qian *see* Chen Chiping 59124
Qian Qian *see* Qian Qian
Qian Shen-en *see* Shen-en Qian
Qian Shie *see* Shie Qian
Qian Shinan *see* Shinan Qian
Qian Siming On-line measurement of the internal diameter near the longitudinal rib of hot-rolling ribbed steel bar 17782
Qian Song *see* Song Qian
Qian Sun *see* Guangyin Zhang 23453
Qian Sun *see* Guoquan Zhang 56840
Qian Sun *see* Qiyin Fang 13557
Qian Sun *see* Sun Qian
Qian Tin *see* Tin Qian
Qian Wei *see* Wei Qian
Qian Weiping *see* Xu Daxin 59838
Qian Wen-Han *see* Wen-Han Qian
Qian Wensheng, Liu Rong, Wei Tongli Optimization of technical parameters for sputtering high T_c superconducting BSCCO films on YSZ/Si substrates 52817
Qian Xiaoshu *see* Xiaoshu Qian
Qian Xinrong Research on dynamic random vibration of vacuum electron device 54007
Qian Yan *see* Yan Qian
Qian Yao Liang *see* Yao Liang Qian
Qian Yao-Jin *see* Yao-Jin Qian
Qian Yasheng *see* Yasheng Qian
Qian Ye, Coakley, J.A., Jr. Biases in Earth radiation budget observations. 2. Consistent scene identification and anisotropic factors 18833
Qian Yi, Ming Hong Ling Improving fuzzy infrared heat image filter system 36694
Qian Yitai *see* Xie Yi 834
Qian Yongbiao *see* Sang Wenbin 10683
Qian Yongxi *see* Yongxi Qian
Qian You-Hua *see* You-Hua Qian
Qian Youhua *see* Zheng Yuxiang 2049
Qian Yu, Chongcheng Fan Analytical study on pulse broadening in chained optical amplifier systems 47918
Qian Zhang, Lewin, P.A., Bloomfield, P.E. PVDF transducers–a performance comparison of single layer and multilayer structures 28111
Qian Zhang *see* Lewin, P.A. 18518
Qian Zhao-Ming *see* Zhao-Ming Qian
Qian Zhaohua, Qi Zhongtao, Wang Xiaodong A new regularized extrapolation algorithm for band-limited signal high-frequency reconstruction 4750
Qian Zhongqiang *see* Zhongqiang Qian
Qian Zuping *see* Shen Yuehong 15313
Qian-Ling Zhang *see* Zhang Qian-Ling
Qian-Ping Gu, Shientung Peng The shortest routing path in star graphs with faulty clusters 40057
Qian-Ping Gu, Shietung Peng Node-to-set disjoint paths with optimal length in star graphs 52507
Qiang, Q., Subramanian, K.R. Base-router for wireless LAN and ATM interworking 26196
Qiang Chen *see* Chen Qiang
Qiang Di *see* Wang Kezhi 32097
Qiang Du, Ming Jin, Li, T.Y., Zeng, Z. Quasi-Laguerre iteration in solving symmetric tridiagonal eigenvalue problems 589
Qiang Du, Ming Jin, Li, T.Y., Zeng, Z. The quasi-Laguerre iteration 40199
Qiang Fang Measurement error caused by speckle noise in heterodyne and quasi-heterodyne holographic interferometry 14460
Qiang Fang Linearly coded profilometry with a coding light that has isosceles triangle teeth: even-number-sample decoding method 59010
Qiang Fang, Jiabi Chen Statistical theory to holographic and speckle metrology 44811
Qiang Fu *see* Evans, J.M. 3753
Qiang Fu *see* Fu Qiang
Qiang Hongliang *see* Cheng Zhaogu 3699
Qiang Huang *see* Bjelkhagen, H.I. 44799
Qiang Huo, Chin-Hui Lee A study of on-line quasi-Bayes adaptation for CDHMM-based speech recognition 15091
Qiang Huo, Chin-Hui Lee On-line adaptive learning of the continuous density hidden Markov model based on approximate recursive Bayes estimate 34696
Qiang Ji *see* Yang Shiwen 21866
Qiang Li SCI LAMP for multimedia applications 6194
Qiang Li Yong *see* Yong Qiang Li
Qiang Li Zhong *see* Li Zhong Qiang
Qiang Lin *see* Shaomin Wang 44621
Qiang Lin *see* Zhongyang Wang 44618
Qiang Lu *see* Lu Qiang
Qiang Shen, Krzymien, W.A. The effect of fading on the Erlang capacity of the IS-95 CDMA cellular system 6623
Qiang Shen *see* Shen Qiang
Qiang Song *see* Esogbue, A.O. 28791
Qiang Song *see* Esogbue, A.O. 60974
Qiang Wang *see* Fuyong Xu 45340
Qiang Wang *see* Jianzhong Qian 53547
Qiang Wang *see* Sanada, Y. 36009
Qiang Wu, Kon Max Wong Blind adaptive beamforming for cyclostationary signals 6500
Qiang Wu, Wei-Ling Wu, Jiong-Pan Zhou Centralised power control in CDMA cellular mobile systems 26642
Qiang Wu *see* Yan Meng 25129
Qiang Xiao *see* Xiao Qiang
Qiang Yu *see* Shiratori, M. 268
Qiang Zhang *see* Zhang Qiang
Qiangsheng Xiang *see* Xiang Qiangsheng
Qiangyue Wang *see* Wang Qiangyue
Qianhong Chen *see* Chen Qianhong
Qianlin Zhang *see* Zhang Qianlin
Qianling Zhang *see* Xuyun Chen 57479
Qianling Zhang *see* Zhang Qianling
Qiantu Ruan *see* Ruan Qiantu
Qianwang Chen, Jingsheng Zhu, Guien Zhou, Song, Z.T., Li, X.-G., Yuheng Zhang Blue light emitted from porous silicon obtained by hydrothermal etching 32189
Qiao, C., Zhang, X., Zhou, L. Scheduling all-to-all connections in WDM rings 26891
Qiao, L., Nahrstedt, K. Lip synchronization within an adaptive VOD system 46739
Qiao, M., Morikawa, H., Mizumachi, M. Dynamic departure regulations of air traffic flow management 38028
Qiao, S. *see* Luk, F.T. 15323
Qiao, S. *see* Luk, F.T. 24888
Qiao Changge *see* Hong Xianlong 52984
Qiao Changge *see* Kong Tianming 40807
Qiao Chunming *see* Chunming Qiao
Qiao Jingwen *see* Jingwen Qiao
Qiao Jun *see* Cai Huizhi 16981
Qiao Lijie *see* Sun Dongsong 36264
Qiao Yao-Jun *see* Yao-Jun Qiao
Qiao Yimin *see* Wang Shanli 10788
Qiao-Min Wang *see* Cheng-Tian Xue 41424
Qiaogen Zhang, Yuchang Qiu, Pei Wang, Wenguo Gu Dielectric characteristics of SF_6 under the steep-fronted impulses 13307
Qiaoxu Yang *see* Yang Qiaoxu
Qiaqing Song *see* Wei Chen 44225
Qibing Pei *see* Hide, F. 3772
Qibing Pei *see* Yang Yang 3622
Qibing Pei *see* Yang Yang 44260
Qibing Pei *see* Yang Yang 44269
Qibing Pei *see* Pei Qibing
Qicai Peng, Wong, S.P., Xu, J.B., Wilson, I.H. AFM study of surface morphology of high dose Co implanted Si with a MEVVA ion source 12210
Qichao He *see* Jiming Liu 5650
Qidong Wang *see* Weihong Liu 9527
Qidong Wang *see* Wang Qidong
Qifan Hu *see* Hu Qifan
Qifeng Yu, Dongsheng Zhang, Zhihui Lei, Tiehan Quan Accurate measurement of 3D coordinate of an object with subpixel technique 27893
QiGang Guo 2D shape analysis base on perceptual hierarchy 46480
Qignsong Ye *see* Ye Qignsong
Qigong Zheng *see* Zheng Qigong
Qiguang Lin *see* ChiWei Che 15083
Qiguang Lin *see* Dong-Suk Yuk 34638
Qiguang Tan *see* Ogawa, T. 55910
Qiguang Yang *see* Jinhai Si 3993

Qihang Li, Bras, R.L., Veneziano, D. Passive microwave remote sensing of rainfall considering the effects of wind and nonprecipitating clouds 38075
Qiheng Cheng *see* Cheng Qiheng
Qihong Lou *see* Lou Qihong
Qihong Sun *see* Sun Qihong
Qihua Shen *see* Shen Qihua
Qihui Wu *see* Wu Qihui
Qijie Zhou *see* Zhou Qijie
Qijin Chen *see* Yan Chen 10920
Qijiu Qiu *see* Hong Luo 53544
Qijun Chen, Allen, S.D. Laser direct write deposition of copper and silver conductor lines from solution 22624
Qijun Huang *see* Huang Qijun
Qikun Xue *see* Xue Qikun
QikunXue, Hashizume, T., Sakata, T., Hasegawa, Y., Ichimiya, A., Ohno, T., Sakurai, T. Surface geometry of MBE-grown GaAs(001) surface phases 2001
Qilian Liang *see* Liang Qilian
Qimei Tan *see* Tan Qimei
Qimin Chen, Shanhui Bao, Xiaofei Zang, Wei Wei, Jianzhong Guo A study on beam optimizing of wideband stagger-tuned array 38132
Qimin Shen *see* Qiying Chen 33380
Qimin Yang *see* Bingheng Xiang 44790
Qimin Yang *see* Yang Qimin
Qiming Chen *see* Ming-Chien Shan 5992
Qiming He Semi-discrete method for generalized Schrodinger-type equations 40232
Qiming Wang *see* Wu, M.F. 2315
Qiming Wang *see* Yuqing Zhu 58750
Qiming Wang *see* Ziping Jiang 55642
Qiming Wang *see* Wang Qiming
Qiming Wu *see* Zeyi Wang 22931
Qiming Yang *see* Liyun Zhong 44814
Qin, G.G., Li, A.P., Zhang, Y.X. Effects of contact metals on electroluminescence from embedded nanosize-Si-particle films 12564
Qin, G.G. *see* Chen, K.M. 12340
Qin, J. *see* Hua Lu 2447
Qin, S., Bernstein, J.D., Chan, C., Shao, J., Denholm, S. High dose rate hydrogen plasma ion implantation 2324
Qin, S. *see* Bernstein, J.D. 2628
Qin, S. *see* Chu, P.K. 32143
Qin, S. *see* Husein, I.F. 42394
Qin, S. *see* Shang, H.M. 21399
Qin, W. *see* Wang, R. 7232
Qin, W.D. *see* Wang, J.L. 23297
Qin, X.-H. *see* Zhang, W.-M. 53675
Qin, Z., Kimura, M., Dost, S. Convection model for growth and dissolution of ternary alloys by liquid phase epitaxy 10780
Qin, Z. *see* Kimura, M. 30790
Qin Dinyu *see* Dinyu Qin
Qin Feng *see* Feng Qin
Qin Fuguang *see* Huang Dading 30803
Qin Jiayin, Li Cong, Zheng Xingshi, Lin Yikun Study on spectral characteristics of AC Stark splitting in optically pumped NH_3 FIR laser 55512
Qin Jiayin, Zheng Xingshi, Luo Xizhang, Li Cong, Lin Yikun Spikes in Raman spectrum of optically pumped NH_3 laser 55513
Qin Jiayin, Zheng Xingahi, Luo Xizhang, Lin Yikun Spectral characteristic of AC Stark splitting in optically pumped FIR laser 13968
Qin Jiayin *see* Jiayin Qin
Qin Jinqui *see* Jinqui Qin
Qin Jiuchang *see* Yang Bingfan 49044
Qin Kaihuai Neural network methods for NURBS curve and surface interpolation 30564
Qin Kaihuai Matrix formulae for NURBS curves/surfaces and their applications 52533
Qin Kaihuai Remark on the recursive degree raising algorithm for B-spline curves 52534
Qin Li, Zheng Wang Explicit rate marking in an ATM ABR service and its use in explicit congestion notification in TCP/IP 25881
Qin Lijuan *see* Zhao Ticheng 3324
Qin Lin-Hong *see* Yang Kai 48516
Qin Ling *see* Ling Qin
Qin Ming, Huang Qingan, Wei Tongli Self-sealed silicon field emitting diode operating at low voltage 1919
Qin Ming *see* Ming Qin
Qin Ping *see* Ping Qin
Qin Qing *see* Gao Zhiyuan 59173
Qin Ruifeng *see* Ruifeng Qin
Qin Shu *see* Shu Qin
Qin Shunyou Effect of antenna test system signal-to-noise ratios on sidelobe level 56129
Qin Tai Zhang *see* Zhang Qin Tai
Qin Tingkai *see* Tingkai Qin
Qin Wenhan *see* Wenhan Qin
Qin Xue-Zhi *see* Wang Xue-Hua 476
Qin Yaokun *see* Yaokun Qin
Qin Yi-Qiang *see* Yi-Qiang Qin
Qin Yihang *see* Gao Feng 38283
Qin Yihong *see* Gao Feng 19114
Qin Yihong *see* Sun Hongbo 38221
Qin Yooming *see* Yooming Qin
Qin Yu *see* Yu Qin
Qin Yu-Wen *see* Yu-Wen Qin
Qin Yuanying *see* Jia Jianyuan 48926
Qin Zhang, Danskin, J.M. Entropy-based pattern matching for document image compression 57231
Qin Zhang *see* McDaniel, W.C. 59813
Qin Zheng An enhanced timed-round-robin traffic control scheme for ATM networks 57570
Qin Zhou, Lai, A.K.Y. The dependence of single room indoor radio propagation on frequency 34086
Qin Zhou, Lai, A.K.Y. Empirical prediction of multipath propagation by neural network 58134
Qin Zhou, Shirmohammadi, D., Liu, W.-H.E. Distribution feeder reconfiguration for service restoration and load balancing 60383
Qin Zhou, Shirmohammadi, D., Liu, W.-H.E. Distribution feeder reconfiguration for operation cost reduction 60384
Qin Zhu *see* Zhu Qin
Qin Zuxu, Zhang Hongyue Learning method for nonlinear stochastics dynamic system modeling 56544
Qin-Bing Guan *see* Ting-Ji Wang 48417
Qin-Yi Tong *see* Meng-Nian Niu 48422
Qinbai Fan, Cong Pu, Smotkin, E.S. In situ Fourier transform infrared-diffuse reflection spectroscopy of direct methanol fuel cell anodes and cathodes 19978
Qinbai Fan, Cong Pu, Smotkin, E.S. In-situ FTIR-diffuse reflection study of methanol oxidation mechanisms on fuel cell anodes 20020
Qinfen Zheng *see* Chellappa, R. 27070
Qing, A., Jen, L. Microwave imaging of dielectric cylinder in layered media 34010
Qing Cao *see* Cao Qing
Qing Chen, Lee, F.C., Jovanovic, M.M. Current-mode control for multiple-output converters 1130
Qing Chen *see* Fischer, T.R. 57302
Qing Chen Yu *see* Yu Qing Chen
Qing De-Kui *see* De-Kui Qing
Qing Gao *see* Gao Qing
Qing Guo *see* Wei-Ping Huang 55371
Qing Han, Kogami, Y., Tomabechi, Y., Matsumura, K. Coupling characteristics of eccentric arranged dielectric disk and ring 14675
Qing Hang Li, Holdener, H.J., Zamorano, L., King, P., Jiang, Z., Vinas, F.C., Nolte, L., Visarius, H., Diaz, F. Computer-assisted insertion of pedicle screws 18219
Qing He *see* Christen, D.K. 52673
Qing He *see* He Qing
Qing Hongxia, Dong Zhangzhuo, Sun Qihong, Wang Zhuangzhi An expert system for substation fault diagnosis and restorative operation based on object-oriented technique. I. Design of expert system and modelling 29509
Qing Hu, Verghese, S., Wyss, R.A., Schapers, Th., del Alamo, J., Feng, S., Yakubo, K., Rooks, M.J., Melloch, M.R., Forster, A. High-frequency (f~1 THz) studies of quantum-effect devices 13050
Qing Hu, Xiaojun Shen, Jingyu Yang Topologies of combined (2 log N-1)-stage interconnection networks 21418
Qing Li *see* Li Qing
Qing Liao, Pitner, W.R., Stewart, G., Hussey, C.L., Stafford, G.R. Electrodeposition of aluminum from the aluminum chloride-1-methyl-3-ethylimidazolium chloride room temperature molten salt+benzene 52741
Qing Lin *see* Agrawal, V.D. 53117
Qing Liu *see* Liu Qing
Qing Ma A four-point bending technique for studying subcritical crack growth in thin films and at interfaces 54861
Qing Mao, Ohsato, M.H., Shimizu, T., Kimura, G., Takuchi, Y., Takagi, H. MHz operation of voltage-fed inverter for HID lamps using distributed constant line 39374
Qing Qin *see* Qin Qing
Qing Sun *see* Sun Qing
Qing Tai Zhang *see* Zhang Qing Tai
Qing Tal Zhang *see* Zhang Qing Tal
Qing Wang *see* Chiang-Nan Chao 39657
Qing Wang *see* Wang Qing
Qing Wu, Pedram, M., Xunwei Wu A note on the relationship between signal probability and switching activity 43324
Qing Wu *see* Cheng-Ta Hsieh 11125
Qing Wu *see* Chih-Shun Ding 11124
Qing Wu *see* Wu Qing
Qing Xiang *see* Norwood, T.E. 56339
Qing Xiang *see* Yu Qing Chen 34553
Qing Xiang *see* Xiang Qing
Qing Xianming *see* Shen Liying 14729
Qing Yang *see* Yang Qing
Qing Yu, Norum, L., Undeland, T., Round, S. Investigation of dynamic controllers for a unified power flow controller 50511
Qing Zhang *see* McBean, R.V. 52944
Qing Zhu, Steinberg, B.D. Correction of multipath interference using CLEAN and spatial location diversity 28117
Qing Zhu, Tam, S. Package clock distribution design optimization for high-speed and low-power VLSIs 30216
Qing Zhu *see* Zhu Qing
Qing-An Huang *see* Ming Qin 12080
Qing-De Li The random set and the cutting of random fuzzy sets 40046
Qing-Feng Sun, Tsung-Han Lin Transient current through a quantum dot with two time-dependent barriers 54182
Qing-Guang Liu *see* Champagne, B. 25117
Qing-Ming Chen *see* Jun Li 3682
Qing-Ming Chen *see* Nakamoto, E. 44997
Qing-Ping Hu, Li, D., Yi Lin Some problems related to quotient systems 467
Qing-Wei Jia *see* Jian-Xin Xu 50940
Qing-Xin Chu, Fung-Yuel Chang, Yuen-Pat Lau, Omar Wing Time-domain model synthesis of microstrip 14660
Qing-Yu Kong *see* Kong Qing-Yu
Qing-Yun Shi *see* Sheng Zhong 52328
Qing-Zhong Zhao *see* Zhao Qing-Zhong
Qingan Huang *see* Huang Qingan
Qingbin Xing *see* Xing Qingbin
Qingbing Wuang *see* Jianxin Guo 17696
Qingcheng Qi *see* Qi Qingcheng
Qingchong Liu, Zhen Zhang, Scholtz, R.A. Analysis of the throughput of random-access multichannel CDMA systems with multiuser detection 46671
Qingchun Meng *see* Meng Qingchun
Qingding Guo *see* Guo Qingding
Qingdong Yao *see* Yao Qingdong
Qingguo Li *see* Feng Wang 4121
Qingguo Liu *see* Liu Qingguo
Qinghai Ren Design of dual-channel wide-range thermometer for true temperature measurement 48498
Qinghong Du, Hongqi Xu, Ramvall, P., Omling, P. Two different regimes of electron transport in a two-dimensional electron gas at high magnetic fields 54153
Qinghua Diao *see* Diao Qinghua
Qinghua Zheng *see* Grab, R. 11067
Qinghui Li *see* Li Qinghui
Qingiu Zhao *see* Zhao Qingiu
Qingjian Yu, Kuh, E.S., Tianxiong Xue Moment models of general transmission lines with application to interconnect analysis and optimization 4304
Qingjie Zhou *see* Zhou Qingjie
Qingjun Zen *see* Zen Qingjun
Qingkang Wang *see* Wang Qingkang
Qinglan Bai *see* Bai Qinglan
Qingli He *see* He Qingli
Qinglin Ma, Chapman, C., Lazenby, J. LOG compression effect on the mean value of the envelope detected scattering signals. Theoretical formulation, computer simulation and experimental result 28118
Qingling Meng *see* Meng Qingling
Qinglong Liang, Hofmann, W. High dynamic control of induction motor with nonlinear method 51685
Qinglong Liang *see* Hofmann, W. 51696
Qingming Luo *see* Luo Qingming
Qingming Shu *see* Shu Qingming
Qingnan Wang, Hodari, A.K., Temple, D.A. Edge effects in photorefractive thin films 44682
Qingnong Lin *see* Lin Qingnong
Qingpu Wang *see* Shengzhi Zhao 23838
Qingpu Wang *see* Wang Qingpu
Qingquan Lei *see* Xiaohong Zhang 54969
Qingquan Lei *see* Lei Qingquan
Qingran Zhao *see* Zhao Qingran
Qingrui Xu, Bin Guo, Jin Chen Managing innovation portfolio: experiences and lessons in China 9968
Qingshen Cai *see* Cai Qingshen
Qingtai Zhao *see* Zhao Qingtai
Qingwong Lin *see* Lin Qingwong
Qingwu Wang *see* Wang Qingwu
Qingxin Ru *see* Tanji, T. 4113
Qingxin Yang *see* Yang Qingxin
Qingxin Zhang, Litian Liu, Zhijian Li A new approach to convex corner compensation for anisotropic etching of (100) Si in KOH 32201
Qingxin Zhang *see* Zhang Qingxin
Qingxu Xiong Analysis of network performability based on relations of network states 5693
Qingxuan Yu *see* Yu Qingxuan
Qingyang Hu, Petr, D.W., Braun, C. Self-tuning fuzzy traffic rate control for ATM networks 5718
Qingyu Ren *see* Ren Qingyu
Qingyu Shi *see* Shi Qingyu
Qingyu Tang *see* Tang Qingyu
Qingyue Wang *see* Wang Qingyue
Qingzheng Luo *see* Luo Qingzheng
Qingzhi Peng *see* Chang, J.J.K. 3201
Qingzhi Peng *see* Chang, J.J.K. 32831
Qingzu Su Dynamic analysis of vehicle with laser testing 61257
Qinping Wang *see* Wang Qinping
Qinqing Yang *see* Wu, M.F. 2315
Qinqing Yang *see* Yuqing Zhu 58750
Qinxiang Gao *see* Gao Qinxiang
Qinxin Chu *see* Chu Qinxin
Qinyao Zhang *see* Zhang Qinyao
Qinyi Tong *see* Tong Qinyi
Qinyue Hong *see* Ning Gu 42845
Qinzheng Kong, Chen, G. Transactional workflow for telecommunication service management 35643
Qiong Li *see* Li Qiong
Qiong Zhang *see* Zhang Qiong
Qiongxiang Huang *see* Huang Qiongxiang
Qiping Wang *see* Ming Sun 11843
Qiping Zhang *see* Zhang Qiping
Qiquan Hu *see* Hu Qiquan
Qiren Chen *see* Chen Qiren
Qirong Lu *see* Lu Qirong
Qirong Xing *see* Xing Qirong
Qiru Yang *see* Xiaohong Zhang 54969
Qiru Yang *see* Yang Qiru

Qishan Zhang *see* Zhang Qishan
Qishao Zhang *see* Zongxi Tang 23430
Qishao Zhang *see* Zhang Qishao
Qisheng Chen *see* Burm, J. 41443
Qisheng Lu *see* Zhiping Jiang 33607
Qisheng Lu *see* Lu Qisheng
Qishun Shen *see* Shen Qishun
Qiu, C.H., Pankove, J.I. Deep levels and persistent photoconductivity in GaN thin films 41980
Qiu, J.F., Pang, W.J., Ma, Z.H. Preparation of REFeCo alloy target materials for magneto-optical recording media 40661
Qiu, L., Chen, T., Potvin, A., Gu, J., Tan, K., Sun, Y., Shu, H. Development of MATLAB tools and case study for multirate control design 50343
Qiu, M., Jain, P., Jin, H. Dynamic performance of power distribution systems for hybrid fiber/coax networks 50566
Qiu, R.C., I-Tai Lu Wideband wireless multipath channel modeling with path frequency dependence 4249
Qiu, R.C., I-Tai Lu A novel high-resolution algorithm for complex-direction search 27098
Qiu, R.C., I-Tai Lu A novel model of time-dispersion multipath channel for wideband CDMA systems 47661
Qiu, R.C. *see* McClure, M. 45111
Qiu, T. *see* Li, Y.Q. 2329
Qiu, W. *see* Raquet, J. 18747
Qiu, W. *see* Zhu, N.H. 45295
Qiu, X., Li, V.O.K. On the capacity of packet reservation multiple access with capture in personal communication systems 6533
Qiu, X., Li, V.O.K., Ju, J.-H. A multiple access scheme for multimedia traffic in wireless ATM 47088
Qiu, X. *see* van Steenbergen, A. 49031
Qiu, X.Q., Chalmers, I.D. The effect of initiatory electrons on breakdown characteristics in highly nonuniform gap 13308
Qiu, X.Q., Chalmers, I.D. On the effect of space charges on breakdown strength by using two different injection methods 43473
Qiu, X.Z. *see* Van Deventer, M.O. 26850
Qiu, Y., Feng, Y.P. Investigation of SF_6-N_2, SF_6-CO_2 and SF_6-air as substitutes for SF_6 insulation 13215
Qiu, Z.Y., Hu, L., Liu, M.W., Bao, H.X., Jiang, Y.G., Zhou, L.W., Tang, Y., Gao, Z., Sun, M., Korobko, E.V. Temperature effects of dielectric properties of ER fluids 984
Qiu Aici *see* Wang Feng 24035
Qiu Aici *see* Xu Ri 29502
Qiu Arui New approach of extracting rotor fault feature in induction motors 60762
Qiu Chungtao, Li Guohui, Zheng Hongfeng, Nie Hongzhan Geodesic approaching in nonRiemannian space and its application to adaptive nonlinear control design in power systems 50370
Qiu Dongming *see* Dongming Qiu
Qiu Fumin Study on the beam propagation equation in ISO standard draft of beam quality 24068
Qiu Jinfa *see* Mao Zepu 59254
Qiu Jinghui *see* Wu Qun 6691
Qiu Jun *see* Jun Qiu
Qiu Junlin *see* Xia Jinan 3941
Qiu Li *see* Li Qiu
Qiu Ling *see* Shen Yuquan 14251
Qiu Muqing *see* Xu Yanzhong 44085
Qiu Qijiu *see* Qijiu Qiu
Qiu Qun *see* Guo Jianbo 19262
Qiu Rumen *see* Rumen Qiu
Qiu Shui-Sheng *see* Lin Botao 19839
Qiu Sigang *see* Sigang Qiu
Qiu Wanzhi *see* Wanzhi Qiu
Qiu Wei *see* Zhu Guoliang 53613
Qiu Weihua, Zhou Ruqi, Yang Leiling, Liu Qingguo Lithium-ion rechargeable battery with petroleum coke anode and polyaniline cathode 29587
Qiu Weihua *see* Yang Leiling 29583
Qiu Xiaohong, Zhang Linchang, Gao Jinyuan Fast generation algorithm for horizontal trajectory of tactical flight mission 60176
Qiu Xiaoxin *see* Xiaoxin Qiu
Qiu Xiaoyan, Tang Haiping, Li Xingyuan, Wang Guide, Liu Junyong, Lin Wei Power system restoration based on expert system and numerical computation 50374
Qiu Xinping, Sun Xiaoguang, Shen Wanci, Chen Nanping Spinel $Li_{1+x}Mn_2O_4$ synthesized by coprecipitation as cathodes for lithium-ion batteries 61040
Qiu Yong *see* Xia Deshen 35025
Qiu Yuanheng *see* Yuanheng Qiu
Qiu Yuchang *see* Han Xiaolian 19888
Qiu Yuchang *see* Xu Ri 29502
Qiu Yuchang *see* Yuchang Qiu
Qiu Yulin *see* Zhang Qiushuang 53158
Qiu Zhicheng *see* Zhicheng Qiu
Qiu Zhiliang, Liu Zeng Ji, Yang Xiahui, Bao Minquan Interconnecting and interworking of Novell networks based on the ATM microwave network 46879
Qiu Zhiliang *see* Liu Zengji 47476
Qiubo Ye, Shafai, L. Large electromagnetic scattering computation using iterative progressive numerical method 33960
Qiuheng Yang *see* Yang Qiuheng
Qiuhong Huang *see* Huang Qiuhong
Qiuhua Sun *see* Sun Qiuhua
Qiuju Huang, Claydon, F.J. A comparison of bidomain and monodomain models in calculating the cardiac extracellular potentials induced by an external field 37893
Qiuliang Wang *see* Wang Qiuliang
Qiumei Shu *see* Shu Qiumei
Qiushi Chen, Konrad, A. A review of finite element open boundary techniques for static and quasi-static electromagnetic field problems 33786
Qiushuang Zhang *see* Zhang Qiushuang
Qiushui Chen *see* Wang, G.Y. 55576
Qiuting Huang A MOSFET-only continuous-time bandpass filter 21798
Qiuting Huang, Basedau, P. A 800 μA, 105 MHz CMOS crystal-oscillator digitally trimmable to 0.3 ppm 11226
Qiuting Huang, Basedau, P. A 200 μA, 78 MHz CMOS crystal-oscillator digitally trimmable to 0.3 ppm 13339
Qiuting Huang, Kuratli, C. An ultrasound source based on a micro-machined electromechanical resonator 8568
Qiuting Huang, Menolfi, C., Hammerschmied, C. A MOSFET-only interface for integrated flow sensors 7239
Qiuwen Wu *see* Ling, C.C. 8088
Qiuyu Wan *see* Zhongxiang Zhou 14309
Qiuzhen Xue, Reddy, B.R.S. Late potential recognition by artificial neural networks 28355
Qiuzhen Xue, Reddy, S. New algorithms for QT dispersion analysis 37819
Qiwen Huang *see* Huang Qiwen
Qixu Chen *see* Chang, J.J.K. 32831
Qixun Yang *see* Yang Qixun
Qiyin Fang, Jingjun Xu, Qian Sun, Simin Liu, Guangyin Zhang, Chaoli Ma, Guoquan Zhang, Guoyun Tian Multipage storage in a $LiNbO_3$:Fe crystal sheet using the photorefractive light-climbing effect 13557
Qiying Chen, Peihui Liang, Jianqiu Lei, Qimin Shen, Hong Ren Beam propagation in an injection-controlled copper vapor laser system 33380
Qiyu Cai *see* Cai Qiyu
Qiyu Zhang *see* Zhang Qiyu
Qizhong Zhou *see* Zhou Qizhong
Qkamoto, M. *see* Wada, M. 44468
Qlang Zhao, Zhengxiu Fan, Zhijiang Wang Role of interface absorption in laser-induced local heating of optical coatings 55384
Qou Huadong *see* Hou Lei 58071
Qu, R. A new approach to numerical differentiation and integration 10498
Qu, Y., Meyers, P.V., McCandless, B.E. HCl vapor post-deposition heat treatment of CdTe/CdS films 39122
Qu, Y. *see* Zhong, J.C. 33563
Qu Baiqing, Zhang Shixuan The computer processing of antenna patterns 45368
Qu Fei *see* Fei Qu
Qu Hao *see* Hao Qu
Qu Li *see* Lifu Gong 55258
Qu Li *see* Li Qu
Qu Liang *see* Liang Qu
Qu Minxing *see* Zhao Yang 14531
Qu Pingyu *see* Pingyu Qu
Qu Wenlong, Huang Feili, Wang Yaoming Novel space vector PWM method for inverter-fed induction motors 60763
Qu Wenlong *see* Liu Shixiang 61277
Qu Wenlong *see* Zhu Lizhi 51311
Qu Xiaochuan *see* Li Deheng 29050
Qu Xinghua, Lu Boyin, Jin Zhuanzhi, Zhou Sheng, Qi Chenmin, Chen Jun Design of a three dimension probe system for measuring oil tube thread 17197
Qu Zhigang *see* Zhigang Qu
Qu Zhihua *see* Zhihua Qu
Qu Zhilin *see* Zhilin Qu
Quach, T.K. *see* DeSalvo, G.C. 12761
Quach Ban *see* Ban Quach
Quack, H. *see* Kauschke, M. 49025
Quadakkers, W.J., Greiner, H., Haensel, M., Pattanaik, A., Khanna, A.S., Mallener, W. Compatibility of perovskite contact layers between cathode and metallic interconnector plates of SOFCs 38957
Quadrado, J.C., Silva, J.F. Elastic fuzzy controller and sliding mode power inverter for electromechanical positioners 51430
Quaglia, M. *see* Gagne, D. 11868
Quagliano, J.R., Stoutland, P.O., Petrin, R.R., Sander, R.K., Romero, R.J., Whitehead, M.C., Quick, C.R., Tiee, J.J., Jolin, L.J. Quantitative chemical identification of four gases in remote infrared (9-11 μm) differential absorption lidar experiments 60087
Quaia, S., Tosato, F. Unsymmetrical three-phase voltage sag compensation through no energy stored voltage boosters 8876
Quaia, S., Tosato, F. Simultaneous phase and amplitude compensation by static voltage booster 38338
Quaicoc, J. *see* Jain, P. 1121
Quaicoe, J.E. *see* Mehrotra, P. 20129
Quaicoe, J.E. *see* Mehrotra, P. 50982
Quaife, P.W. *see* Yafei Zhou 9178
Quaife, P.W. *see* Zhou, Y. 38700
Quak, E., Weyrich, N. Algorithms for spline wavelet packets on an interval 34854
Quak, E., Weyrich, N. Algorithms for trigonometric wavelet packets 56378
Quakkelaar, S.R. *see* Lo, N.R. 2875
Quan, C. *see* Shang, H.M. 21399
Quan, L. *see* Pizlo, Z. 57142
Quan, Q., Li, C. A novel multiuser detector with neural computing 35995
Quan, Z.Y. *see* Zheng, W.X. 46364
Quan Gu *see* Takeda, M. 35235
Quan Li *see* Li Quan
Quan Long *see* Long Quan
Quan Ming-Xiu *see* Ming-Xiu Quan
Quan Nam Le *see* Martinuzzi, S. 39018
Quan Taifan, Zhou Bin, Zong Chengge, Yuan Yeshu Neural-fuzzy solution to the data association problem 8652
Quan Tiehan *see* Tiehan Quan
Quan Yuan, Shiquan Tao, Zuqing Jiang, Xinchang Yang The vertical angular selectivity and grating degeneracy of volume holographic gratings 44788
Quan Zen *see* Zen Quan
Quan Zhou *see* Kallio, P. 54994
Quan-Bu Gou *see* Gou Quan-Bu
Quan-Sheng Shu Technical challenges of superconductivity and cryogenics in pursuing TESLA-TTF 49082
Quande Wu *see* Wu Quande
Quandt, E. *see* Body, C. 43724
Quandt, G.A. *see* Miller, S. 29165
Quanfeng Li *see* Li Quanfeng
Quanrang Yang *see* Yang Quanrang
Quanren Zhou *see* Zhou Quanren
Quansheng Duan *see* Duan Quansheng
Quanshu Wang *see* Wang Quanshu
Quantin, C., Bouzelat, H., Dusserre, L. Irreversible encryption method by generation of polynomials 4532
Quanzhong Jiang *see* Jingwen Zhang 4083
Quaranta, A. *see* de Marchi, G. 13650
Quaranta, A.A., Canali, C., Cavallini, A., Del Papa, C., Nava, F., Re, V., Manfredi, P.F. Analysis of the output signal waveform and performances of semi-insulating GaAs particle detectors 37329
Quaranta, F. *see* Cola, A. 37309
Quaranta, F. *see* Giugno, P.V. 22420
Quarantelli, M. *see* Strojwas, A.J. 13139
Quaratnelli, M. *see* Alfano, B. 28268
Quarles, G.J. *see* Bayramian, A.J. 3765
Quarles, G.J. *see* Cassanho, A. 55593
Quarles, G.J. *see* Jani, M.G. 14069
Quarles, G.J. *see* Petersen, A.B. 3748
Quarrie, L.O., Walchle, R.L. A case study of power quality in a health care facility. Walter Reed Army Medical Center, Washington DC 37936
Quartel, D.A.C., Pires, L.F., van Sinderen, M.J., Franken, H.M., Vissers, C.A. On the role of basic design concepts in behaviour structuring 47176
Quarterman, J.S. *see* McKusick, M.K. 6053
Quarto, R. *see* Martin, I. 59798
Quaschning, V., Hanitsch, R. Influence of shading on electrical parameters of solar cells 39172
Quast, T., Marticello, D.N. Flat panel display test and evaluation for U.S. military applications 18990
Quate, C.F. *see* Manalis, S.R. 13192
Quate, C.F. *see* Minne, S.C. 54544
Quate, C.F. *see* Soh, H.T. 18957
Quate, C.F. *see* Wilder, K. 22980
Quatela, S. *see* Alippi, C. 60526
Quatieri, T.F., Hanna, T.E., O'Leary, G.C. AM-FM separation using auditory-motivated filters 15249
Quatieri, T.F. *see* Jankowski, C.R., Jr. 15087
Quatieri, T.F. *see* Singer, E. 14977
Quattelbaum, U. *see* Bartels, H. 55780
Quattrone, R. *see* Giurgiutiu, V. 1012
Quattrone, R. *see* Giurgiutiu, V. 40746
Quay-Thevenon, F. The electromagnetic compatibility of low-voltage electric control panels 4290
Quayle, A. Broadband passive optical network media access control protocols 25941
Quayle, A., Faulkner, D. Broadband access development 16446
Quayle, A. *see* Brosio, A. 26856
Quayle, M. *see* Chaudhuri, S. 11112
Quayle, M. *see* Chaudhuri, S. 11392
Quazi, A.H. Novel sonar signal processing tool using Shannon entropy 27096
Que Bui-Van, Khodabakhchian, B., Landry, M., Mahseredjian, J., Mainville, J. Performance of series-compensated line circuit breakers under delayed current-zero conditions 38897
Quearry, D. *see* Nguyen, L.T. 20945
Quecke, U. *see* Hessenmuller, H. 58029
Queen, L.P., Wold, W.L., Brooks, K.N. Application of GIS and remote sensing for watershed assessment 60102
Queffelec, P. *see* Brosseau, C. 13295
Queffelec, P. *see* Brosseau, C. 32610
Queipo, N.V., Humphrey, J.A.C., Ortega, A. Multiobjective optimization of component placement on printed wiring boards 1765
Queirolo, G. *see* Polignano, M.L. 31771
Queirolo, G. *see* Tonini, R. 54385
Queiroz, A.C.M.de *see* de Queiroz, A.C.M.
Queiroz, J.E.C. *see* Diniz, J.A. 12776
Queiroz, M.S.De *see* De Queiroz, M.S.
Queiroz, R.de *see* de Queiroz, R.
Queiroz, R.L.de *see* de Queiroz, R.L.
Queiroz Junior, I.de Souza *see* de Souza Queiroz Junior, I.
Quemada, F. *see* Leong, F. 6336

Quemada, J., de Miguel, T., Azcorra, A., Pavon, S., Salvachua, J., Petit, M., Larrabeiti, D., Robles, T., Huecas, G. ISABEL: A CSCW application for the distribution of events 26337
Quemerais, A. *see* Hbib, H. 10872
Quenin, A. *see* Brouche, M. 41726
Quenot, G.M. *see* Zavidovique, B. 15761
Quentel, S. *see* Rodrigo, C. 48768
Quentin, P. *see* Zuidweg, H. 47277
Quenzer, H.J. *see* Reimer, K. 23021
Quer, S. *see* Cabodi, G. 11358
Quercioli, F. *see* Margheri, G. 17330
Quere, R., Ngoya, E., Mons, S., Rousset, J., Camiade, M., Obregon, J. Linear and nonlinear stability analysis of MMICs 53691
Quere, R. *see* Morales, J. 53692
Quere, R. *see* Prigent, M. 1060
Quero, J.M. *see* Carrasco, J.M. 50415
Quero, J.M. *see* Carrasco, J.M. 51165
Quero, J.M. *see* Galvan, E. 60790
Queroli, S.M. *see* Savino, S.P. 16290
Querou, M. *see* Aboubacar, A. 41758
Querzola, E. *see* Rossi, M. 31003
Quesnel, E., Berger, M., Cigna, J., Duca, D., Pelle, C., Pierre, F. Near UV to IR optical characterization of YF_3 thin films deposited by evaporation and ion beam processes 3567
Quesnel, E. *see* Robic, J.Y. 3568
Quesnel, G. *see* Hamida, N.B. 43231
Questa, P., Sandini, G. Time to contact computation with a space-variant retina-like C-mos sensor 36696
Questa, P. *see* Ferrari, F. 6006
Questa, P. *see* Sandini, G. 26072
Quetel, L., Le Mellot, J., Poignant, H., Rivoallan, L., Delevaque, E., Monerie, M. Step-tunable fibre optic delay line 13600
Quetel, L. *see* Delevaque, E. 48025
Quevedo, A.A.F., Patla, A.E., Cliquet, A., Jr. A methodology for definition of neuromuscular electrical stimulation sequences: an application toward overcoming small obstacles 49753
Quevedo, J. *see* Milne, R. 9105
Queyranne, M. *see* Cunningham, W.C. *(editor)* 33
Quezel, G. *see* Aleman-Nieto, A. 9218
Qui, X. *see* Nastasi, M. 10885
Quick, A.K., Hershkowitz, N., Sarfaty, M. Development of a fiber optic chamber wall deposition sensor for plasma etchers 17416
Quick, C. *see* Kim, M. 2191
Quick, C.R. *see* Quagliano, J.R. 60087
Quick, J. *see* Toffoli, T. 57148
Quickert, M. *see* Kruger, J. 59098
Quierin, A.M.A. *see* Burke, T.M. 42581
Quiesup Kim *see* Mendis, S.K. 27683
Quigely, S.F. *see* Zandhuis, J.A. 39871
Quigley, C. *see* Bourne, C. 61285
Quigley, D.C. *see* Rozenberg, A.D. 18901
Quigley, J.W. *see* Mohamed-Nour, H.I. 61261
Quijada, J. *see* Gonzales, S. 54507
Quijano, A.A. *see* Mammana, C.I.Z. 9863
Quilliot, A. *see* Bendali, F. 52500
Quinby-Hunt, M.S. *see* Miller, D. 50079
Quincy, E.A., Dalke, R.A., Achatz, R.J., Holloway, C.L., McKenna, P.M. Radar target image resolution enhancement via propagation channel equalization 26940
Quine, B., Durrant-Whyte, H.F. Rapid star pattern identification 46019
Quine, J.P., Brown, C., Fisher, K., Streeter, J.P., Pesta, A.J. Testing of microwave shielding gaskets and cover panels–recent work at Rome Laboratories 45196
Quine, J.P., Overrocker, D., Fisher, K., Streeter, J.P., Pesta, A.J. New and simple method for the direct measurement of microwave power radiated from gasketed seams 48856
Quinlan, J. *see* Casson, P. 51316
Quinlan, J.R. MDL and categorical theories 45611
Quinn, A. *see* Mosher, J.C. 49471
Quinn, A. *see* Schwartz, O. 57502
Quinn, A.D. *see* Smiddy, P.F. 7897
Quinn, B.C. *see* Toga, A.W. 59490
Quinn, B.G. Estimation of frequency, amplitude, and phase from the DFT of a time series 45762
Quinn, L.J., Lee, B., Baine, P.T., Mitchell, S.J.N., Armstrong, B.M., Gamble, H.S. Deposition and characterisation of polycrystalline silicon for low temperature thin film transistor fabrication 10917
Quinn, M., Migliorato, P. Physical polysilicon thin-film transistor modelling for device characterisation and circuit design 17694
Quinn, M. *see* Tallarida, G. 12984
Quinn, T.J. Results of recent international comparisons of national measurement standards carried out by the BIPM, 1996 27211
Quinn, T.J., Davis, R.S., Speake, C.C. A novel torsion balance for the measurement of the Newtonian gravitational constant 27387
Quinones, H. *see* Atwood, E. 52227
Quinones, J., Grambow, B., Loida, A., Geckeis, H. Coprecipitation phenomena during spent fuel dissolution. Pt. 1. Experimental procedure and initial results on trivalent ion behaviour 38514
Quinqueton, J. *see* Esfandiari, B. 5962
Quinquis, A., Kalkoff, I., Rossignol, S. Underwater detection of transient magnetic signals: an application of wavelet packets 48150
Quinquis, A., Rossignol, S. Noise reduction, with a noise reference, of underwater magnetic signals 15225
Quinquis, A. *see* Maroni, C.-S. 50019
Quint, F., Sties, M. An evidential merit function to guide search in a semantic network based image analysis system 15886
Quintana, B., Fernandez, F., Wordel, R., Mouchel, D. Automatic analysis of continuum phenomena in gamma spectra 18105
Quintana, E.S. *see* Claver, J.M. 602
Quintana, J. *see* Sebastian, P.J. 43882
Quintana, V.H. *see* Arango, H.G. 19296
Quintana, V.H. *see* Lambert-Torres, G. 28792
Quintana, V.H. *see* Lambert-Torres, G. 51425
Quintana, V.H. *see* Torres, G.L. 19066
Quintana, V.H. *see* Xihui Yan 60209
Quintana, V.H. *see* Yan, X. 60301
Quintana, X. *see* Rodrigo, C. 48768
Quintanilla, L., Duenas, S., Castan, E., Pinacho, R., Barbolla, J., Martin, J.M., Gonzalez-Diaz, G. Deep levels in p*-n junctions fabricated by rapid thermal annealing of Mg or Mg/P implanted InP 42070
Quintanilla, L. *see* Enriquez, L. 22254
Quintard, V., Parmentier, B., Phan, T., Lewis, D., Dilhaire, S., Claeys, W. Laser probe measurements of quality evolution of solder joints during thermal cycling ageing tests 30192
Quintard, V. *see* Phan, T. 32235
Quintard, V. *see* Phan, T. 43195
Quintel, M. *see* Gama de Abreu, M. 7862
Quintiliani, A. *see* Cecati, C. 29739
Quinton, P. *see* Guerdoux-Jamet, P. 11333
Quirini, A. *see* Cucurachi, S. 3541
Quirini, A. *see* Penza, M. 58888
Quirino, G.S.G., Mondragon, J.J.S., Stepanov, S., Vysloukh, V.A. Guided modes in a dielectric slab with diffusion-type photorefractive nonlinearity 14307
Quirion, B. *see* Pinsonneault, D. 36867
Quiroga Teixeiro, M.L. *see* Berntson, A. 26804
Quiros, A. *see* Gomez, D. 9888
Quiros Olozabal, A., Gomez Vela, D., Manuel Barrientos Villar, J., Morgado Estevez, A. Component tolerances and the quality of design. An analysis using PSPICE and Monte Carlo methods 1034
Quiros Olozabal, A. *see* Lucus Fernandez, F.J. 1203
Quirynen, B. *see* Zuidweg, H. 47277
Quisquater, J.-J., Macq, B., Joye, M., Degand, N., Bernard, A. Practical solution to authentication of images with a secure camera 58588
Quisquater, J.-J. *see* Goffin, F. 57344
Quisquater, J.-J. *see* Joye, M. 56277
Quistgaard, J.U. Signal acquisition and processing in medical diagnostic ultrasound 28178
Qun Chen, Wilson, B.C., Shetty, S.D., Patterson, M.S., Cerny, J.C., Hetzel, F.W. Changes in in vivo optical properties and light distributions in normal canine prostate during photodynamic therapy 28411
Qun Jiao *see* Jiao Qun
Qun Li *see* Li Qun
Qun Lin, Rokne, J.G. A circular splitting search algorithm for systems of complex equations 546
Qun Lu *see* Lu Qun
Qun Qiu *see* Qiu Qun
Qun She *see* De-Man Wang 24421
Qun Shen Polarization optics for high-brightness synchrotron X-rays 37550
Qun Shi AM/OFDM versus AM/QAM for mixed analog/digital subcarrier multiplexed lightwave transmission 36159
Qun Wu *see* Wu Qun
Qun Xie, Barron, A.R. Minimax redundancy for the class of memoryless sources 34597
Qun Zhao, Zheng Bao, Huisheng Chi Radar target identification using wavelet transform of range profiles 26982
Qunfeng Zou, Wei Yu, Long Qi, Daoyin Yu Image connection and its application to medical ultrasonic image 49541
Quoc Nguyen Hung *see* Nguyen Hung Quoc
Quoc Vu, Ying Li A fast warping algorithm for correcting local distortions in binary images 57228
Quochi, F. *see* Bongiovanni, G. 44637
Quoirin, J.B. *see* Pezzani, R. 40908
Qurashi, U.S., Iqbal, M.Z., Andersson, T.G. Photoluminescence study of Al doping in GaAs grown by molecular-beam epitaxy 2011
Qureshi, A.H. *see* Molyneaux, D.A. 7905
Qureshi, F.S., Sheikh, A.K. A probabilistic characterization of adhesive wear in metals 52872
Qureshi, M.I. *see* Watson, P.K. 23121
Qureshi, M.I. *see* Watson, P.K. 43548
Qureshi, R., Xiaobo Li, Sather, A.P. Towards a system for segmentation under noisy conditions 46490
Quweider, M.K. Local thresholding block classification for image compression 56714
Quweider, M.K., Salari, E. Efficient classification and codebook design for CVQ 15586
R, N.Castillejo *see* Castillejo R, N.
Ra, I. *see* Park, S.-Y. 26419
Ra, J.B. *see* Lee, W.Y. 56631
Ra, J.B. *see* Lim, K.W. 56857
Ra, J.B. *see* Song, B.C. 15618
Ra Jung Woong *see* Jung Woong Ra
Ra Jung-Woong *see* Jung-Woong Ra
Ra Keuk Hwan *see* Keuk Hwan Ra
Ra Sung-Woong *see* Sung-Woong Ra
Ra Yong-Choon *see* Yong-Choon Ra
Raab, F.H. Intermodulation distortion in Kahn-technique transmitters 26465
Raab, M. *see* Hurrich, A. 21945
Raab, R.E. *see* Graham, E.B. 24454
Raad, W. *see* Ozkul, T. 7216
Raaijmakers, C.P.J., Watkins, P.R.D., Nottelman, E.L., Verhagen, H.W., Jansen, J.T.M., Zoetelief, J., Mijnheer, B.J. The neutron sensitivity of dosimeters applied to boron neutron capture therapy 8109
Raaijmakers, E., Faes, T.J.H., Goovaerts, H.G., de Vries, P.M.J.M., Heethaar, R.M. The inaccuracy of Kubicek's one-cylinder model in thoracic impedance cardiography 18469
Raaijmakers, I.J. *see* Hashim, I. 42783
Raaijmakers, I.J.M.M. *see* Ki-Chul Park 2430
Raamat, R., Jagomagi, K., Talts, J., Luhamaa, E. Thermal clearance skin blood flow sensor with local skin temperature controller 28063
Raanes, C.A. *see* Kelley, M. 36653
Raap, M.B.F.Van *see* Van Raap, M.B.F.
Raatikainen, K., Tuoriniemi, A. Mobility in the intelligent network architecture 47282
Raatikainen, K. *see* Taina, J. 6287
Raatz, J.E. *see* Ferry, J.A. 49294
Raback, P., Nieminen, R., Yakimova, R., Tuominen, M., Janzen, E. Thermodynamic considerations of the role of hydrogen in sublimation growth of silicon carbide 52590
Rabaey, J. *see* Abnous, A. 31298
Rabaey, J. *see* Mehra, R. 11350
Rabaey, J.M. *see* Landman, P.E. 21439
Rabaey, J.M. *see* Mehra, R. 21455
Rabaey, J.M. *see* Mehra, R. 40978
Rabaey, J.M. *see* Shan-Hsi Huang 31293
Rabaey, J.M. *see* Verbauwhede, I. 15349
Rabal, H. *see* Henao, R. 59036
Rabalais, J.W. *see* Sung, M.M. 12238
Rabanal, F. *see* Fontes, M.B.A. 28081
Rabarot, M., Tarazona, V., Molva, E., Clement, C. Stabilized microchip lasers fabricated by microoptical technologies 14066
Rabavilas, A. *see* Ventouras, E. 59713
Rabdel Ruiz-Salvador, A. *see* Delgado, A. 13204
Rabe, D., Nebel, W. Short circuit power consumption of glitches 13128
Rabehl, R.J. *see* Sanders, R.C. 48451
Rabel, R. *see* Keller, H.-P. 28709
Rabenstein, R. Multidimensional system simulation with functional transformations 24935
Rabenstein, R. *see* Krauss, H. 15146
Raber, U. *see* Apfelauer, G. 26319
Rabiee, H.R., Kashyap, R.L., Safavian, S.R. Multiresolution segmentation-based image coding with hierarchical data structures 25357
Rabiee, H.R., Kashyap, R.L., Safavian, S.R. Adaptive multiresolution image coding with matching and basis pursuits 56774
Rabiee, H.R., Radha, H., Kashyap, R.L. Error concealment of still image and video streams with multi-directional recursive nonlinear filters 57091
Rabiee, H.R. *see* Safavian, S.R. 57330
Rabiee, M. Computer control of a DC motor 9932
Rabii, B. *see* Katz, C.A. 58518
Rabii, C.D., Harrington, J.A. Optical properties of dual-core hollow waveguides 3412
Rabin, M.S.Z. *see* Haridas, P. 59198
Rabinkin, D.V., Renomeron, R.J., Dahl, A., French, J.C., Flanagan, J.L., Bianchi, M. A DSP implementation of source location using microphone arrays 21704
Rabinovich, A. *see* Bromberg, L. 38963
Rabinovich, D. *see* Dashevsky, Z. 36546
Rabinovich, I. *see* O'Gorman, L. 5663
Rabinovich, K. *see* Tamir, S. 896
Rabinovich, M.I., Starobinets, I.M., Tsimring, M.Sh., Chugurin, V.V. Diagnostics of spatiotemporal observables using the Ω-dimension 4833
Rabinovich, W.S., Bowman, S.R., Mahon, R., Walsh, A., Beadie, G., Adler, L., Katzer, D.S., Ikossi-Anastasiou, K. Gray-scale response of multiple-quantum-well spatial light modulators 3452
Rabinovich, W.S. *see* Adler, C.L. 46248
Rabinovici, R., Keller, Z. New electronic starter for single phase induction motors 9205
Rabinovici, R., Keller, Z. Power electronic drivers for single-phase induction motors 51015
Rabinovici, R., Miller, T.J.E. Eddy-current losses of surface-mounted permanent-magnet motors 38691
Rabinovitch, E. *see* Golan, G. 1956
Rabinzohn, P. *see* Bakli, M. 42731
Rabolt, J.F. *see* Stelzle, M. 17413
Rabotkin, V.G. *see* Bochkov, V.D. 28949
Rabou, N.A. *see* Nishio, T. 46995
Rabus, H. *see* Scholze, F. 3603
Rabus, H. *see* Solt, K. 17363
Rabut, C. Interpolation with radially symmetric thin plate splines 526
Racah, D. *see* Kelson, I. 48897
Racamato, J.P. *see* Waxman, A.M. 17511

Racamato, J.P. *see* Waxman, A.M. 25546
Racanelli, M., Huang, W.M., Shin, H.C., Foerstner, J., Ford, J., Park, H., Cheng, S., Wetteroth, T., Hong, S., Shin, H., Wilson, S.R. TFSOI CMOS technology for low power applications 43263
Racanelli, M. *see* Shin, H.C. 42989
Racanelli, M. *see* Wetteroth, T. 22911
Racek, V., Kucer, P., Dobrucky, B., Chaloupka, F. Position control of permanent magnets synchronous motor drive with 3D fuzzy controller 51697
Racek, V. *see* Dobrucky, B. 51715
Racette, P. *see* Wang, J.R. 50058
Rach, R. *see* Adomian, G. 21013
Rachakonda, R.V., Athanas, P.M., Abbott, A.L. High-speed region detection and labeling using an FPGA-based custom computing platform 15491
Rachedine, M., Hanidu, G.A. Six year study of pre-engineering program at Hampton University 20474
Rachedine, M. *see* Hanidu, G.A. 20609
Racheva, T.M., Critchlow, G.W. SnO_2 thin films prepared by the sol-gel process 58883
Rachford, J. *see* Gerber, H. 39448
Rachi, T. *see* Kobayashi, Y. 47021
Rachid, A. On induction motors control 60767
Rachid, A., Xu, S.J. Robust control for stepper motors 60821
Rachid, A. *see* Benchaib, A. 38746
Rachkov, M. *see* Bach, Fr.-W. 51918
Rachkova, E.V. *see* Sergeyeva, T.A. 17567
Rachkovskij, D.A. *see* Kussul, E.M. 23037
Rachlin, M. *see* Riad, S.M. 53643
Rachlin, M. *see* Wen-Tang Chen 277
Rachniowski, Z. *see* Stieren, C. 26148
Racine, G.-A. *see* Indermuhle, P.-F. 54846
Racine, G.-A. *see* Luginbuhl, P. 13163
Racinowski, B. *see* Patecki, A. 44877
Raciti, A. *see* Musumeci, S. 43109
Rack, P.D., Holloway, P.H., Sey-Shing Sun Variations in the Ce radiative transition by oxygen doping in $Ca_{0.55}Sr_{0.45}Ga_2S_4$:Ce blue electroluminescent phosphor 55412
Rack, P.D. *see* Warren, W.L. 44227
Rackwitz, N. *see* Siemroth, P. 23202
Racz, R. *see* Blanchard, H. 42908
Racz, R. *see* Schott, C. 17295
Racz, S. *see* Ast, L. 57590
Raczkevi, B. *see* Fuzessy, Z. 4132
Raczkevi, B. *see* Fuzessy, Z. 14418
Raczkowski, K. *see* Zalewski, J. 16168
Raczkowycz, J., Allott, S., Pritchard, T.I. A data optimization test technique for characterizing embedded ADCs 21773
Radaev, N.I. Resistance of digital electronic hardware to pulses of ionizing radiation 160
Radaev, N.N. Approximate estimation of the correlation coefficient 39943
Radaj, D. *see* Sudnik, W. 14507
Radakovic, Z., Kalic, D., Radosavljevic, R., Katic, B. The practice of sizing, loading and protection of transformers in normal service and under restrictive disconnection of the load 19818
Radakovic, Z., Lazarevic, Z. Novel methods for determining characteristic quantities for developing a thermal model of power transformers 19823
Radamson, H.H., Joelsson, K.B., Ni, W.-X., Birch, J., Sundgren, J.-E., Hultman, L., Hansson, G.V. Strain characterization of $Ge_{1-x}Si_x$ and heavily B-doped Ge layers on Ge(001) by two-dimensional reciprocal space mapping 1989
Radamson, H.H. *see* Nur, O. 42930
Radanovic, B., Syrzycki, M. Current-mode CMOS adders using multiple-valued logic 11614
Radanovic, B., Rogina, B.M. *(editors)* Symposium Proceedings Elmar. 38th International Symposium Electronics in Marine 20418
Radasky, W.A., Smith, K.S., Hansen, D., Ristau, D. Calculations and measurements of fast EM pulses in the GTEM cell 45229
Radasky, W.A. *see* Hansen, D. 45228
Radatovic, V. Organization of development activities in the telecommunication industry 6416
Radau, U. *see* Smirnov, G. 18190
Radautsan, S. *see* Nateprov, A. 61082
Radautsan, S.I. *see* Ursaki, V.V. 42418
Radchenko, O. *see* Motronyuk, T. 9509
Radcliffe, D.F. *see* Logan, G.D. 49803
Radcliffe, M.J. *see* Stickley, G.F. 8617
Radcliffe, N.J. *see* Surry, P.D. 10383
Radcliffe, S., Griffith, M.S., Laycock, L.C., Worboys, M.R. Miniature silicon backplane ferroelectric liquid crystal displays for head mounted display applications 44095
Radda, G.K. *see* Cowie, A.G. 49494
Raddatz, L., White, I.H., Cunningham, D.G., Coles, A.N. Advanced light sources for high speed multimode fibre links 26747
Raddatz, L., White, I.H., Cunningham, D.G., Nowell, M.C. Increasing the bandwidth-distance product of multimode fibre using offset launch 36123
Radelaar, S. *see* Gribov, N.N. 42265
Radelaar, S. *see* Jongste, J.F. 40647
Radelaar, S. *see* Lokker, J.P. 42728
Radelaar, S. *see* Lokker, J.P. 42789
Radelaar, S. *see* Maes, J.W.H. 40435
Radelaar, S. *see* Maes, J.W.H. 42422
Radelaar, S. *see* van den Homberg, M.J.C. 22620
Radelaar, S. *see* Van Den Homberg, M.J.C. 42704
Radelaar, S. *see* Van Den Homberg, M.J.C. 42764
Radelaar, S. *see* Van Veen, R.G. 42496
Radelaar, S. *see* Verbruggen, A.H. 42763
Rademakers, F. *see* Plets, P. 37735
Radens, C. *see* Naeem, M. 54481
Rader, M. *see* Alexeff, I. 1934
Rader, M. *see* Alexeff, I. 12094
Rader, M. *see* Alexeff, I. 31709
Rader, M. *see* Weng Lock Kang 4382
Radermacher, E., Wilhelm, M., von Brentano, P. Identification of sum up lines in γ-ray spectra using a composite germanium detector 37540
Radermacher, E. *see* Wilhelm, M. 37536
Radetzki, M. *see* Schumacher, G. 11436
Radeva, E. A SEM study of plasma-polymerized hexamethyldisiloxane thin films 40683
Radford, D. Spread spectrum data leap through AC power wiring 6434
Radford, D.C. *see* Wilson, J.N. 37581
Radford, W., Murphy, D., Ray, M., Propst, S., Kennedy, A., Kojiro, J., Woolaway, J., Soch, K., Coda, R., Lung, G., Moody, E., Gleichman, D., Baur, S. 320x240 silicon microbolometer uncooled IRFPAs with on-chip offset correction 17492
Radford, W.A. *see* Wu, O.K. 48663
Radha, H., Vetterli, M., Leonardi, R. Image compression using binary space partitioning trees 15482
Radha, H. *see* Rabiee, H.R. 57091
Radhakrishnan, D. A microcontroller based pacemaker tester 18530
Radhakrishnan, J. *see* El-Sherif, M.A. 17424
Radhakrishnan, J. *see* El-Sherif, M.A. 48629
Radhakrishnan, K. *see* Santoskhumar, B. 49591
Radhakrishnan, K. *see* Yoon, S.F. 10738
Radhakrishnan, K. *see* Yoon, S.F. 31812
Radhakrishnan, M.K. Die attach failures related to wafer back metal processing–an AES study 31647
Radhakrishnan, S. *see* DeBrunner, V.E. 9922
Radhakrishnan, T. *see* Clark, R. 16112
Radhakrishnan Pillai, S., Antoniou, A. A robust parametric method for signal reconstruction 4801
Radic, S. *see* Galvanauskas, A. 33025
Radic, T. *see* Drung, D. 27427
Radicchi, G. *see* Tronin, A. 17566
Radice, J.J. *see* McNutt, D. 26074
Radice, M. *see* Bignazzi, A. 30817
Radich, B.M., Buckley, K.M. Single-snapshot DOA estimation and source number detection 45882
Radisic, V., Siou Teck Chew, Yongxi Qian, Itoh, T. High-efficiency power amplifier integrated with antenna 24583
Radke, C.J. *see* Chen, H. 23107
Radkevich, A.V. *see* Remizovich, V.S. 4266
Radkevich, I.A. Effective methods for giving proof to the truth of the measurement results 58606
Radlach, C. *see* Dorschel, B. 59296
Radloff, D., Matern, C., Plaschke, M., Simon, D., Reichert, J., Ache, H.J. Stability improvement of an optochemical heavy metal ion sensor by covalent receptor binding 27968
Radloff, W. *see* Ocker, B. 13727
Radmanesh, M. *see* Elmi, N. 31514
Radmanovic, M. *see* Stefanovic, D. 40667
Radner, W., Huber, A., Stolba, U., Stur, M., Velikay, M., Thaler, A. Visual needs and preferred low vision aids in senile macular degeneration 8178
Radoi, C., Drogoreanu, V., Lazarescu, V., Vizireanu, D. PWM inverter based on Walsh functions 9337
Radoi, C. *see* Grigore, V. 9335
Radojevic, Z.M. *see* Djuric, M.B. 50656
Radojewska, E.B., Radojewski, J. Almost all on GaAsSb p-i-n junctions 13845
Radojewski, J. *see* Radojewska, E.B. 13845
Radojkovic, P. *see* Hartmann, E. 12444
Radojkovicz, P. *see* Srdoc, D.J. 60413
Radominov, O.E. *see* Evtikhiev, N.N. 6955
Radomska, D., Bugajski, M. A semi-analytical calculation of quantized energy levels in GRIN-SCH-SQW structure 3815
Radon, T. *see* Hadzel, P. 53931
Radosavljevic, R. *see* Radakovic, Z. 19818
Radova, V., Psutka, J. Speaker recognition using raw speech data as features 34685
Radovic, L. *see* Bojic, M. 51865
Radu, I., Acedo, M., Notingher, P., Frutos, F., Filippini, J.C. A study on the dependence of water tree permittivity with time 43438
Radu, I. *see* Notingher, P.V. 1750
Radu, S. *see* Albulet, M. 26479
Radulescu, M.M. *see* Chindris, M. 60822
Radulovic, K.T. *see* Nikolic, P.M. 54130
Radunovic, J.B. *see* Gvozdic, D.M. 58763
Radunovic, J.B. *see* Matavulj, P.S. 23674
Radunsky, M. OPOs: tunability where you need it 24093
Radunsky, M.B. Now to extend frequency ranges of tunable lasers 33645
Radutsky, G.M. *see* Glavanakov, I.V. 37260
Radwan, A. Clarity in the UPS jungle 29422
Radwan, T.S., Rahman, M.A., Osheiba, M.A., Lashine, A.E. Dynamic analysis of a high performance permanent magnet synchronous motor drive 20130
Radwin, R.G. *see* Schaab, J.A. 17709
Radwini, R.G. *see* Beebe, D.J. 18210
Radzewicz, C., Krasinski, J.S., La Grone, M.J., Trippenbach, M., Band, Y.B. Interferometric measurement of femtosecond wave-packet tilting in rutile crystal 44676
Radzewicz, C. *see* Band, Y.B. 3974
Radzhiunas, M. *see* Buzelis, R. 3770
Radziewicz, D. *see* Paszkiewicz, B. 3645
Radzik, T., Nowak, A.S., Driessen, T.S.H. Weighted Banzhaf values 40010
Radzimski, Z. *see* Kirk, H.R. 11777
Radzimski, Z. *see* Kononchuk, O. 22517
Radzimski, Z.J. *see* Sekiguchi, T. 31950
Radzimski, Z.J. *see* Shingubara, S. 42670
Rae, A.C. *see* Ascroft Hutton, W.W. 9018
Rae, C.F. *see* Tang, Y. 14336
Rae, L. *see* Tupta, M.A. 53730
Rae, S., Bennion, I., Cardwell, M.J. Numerical model of stimulated Brillouin scattering in optical fibres with spatially variable Brillouin shift frequency 13599
Rae Duk Lee, Han Jun Kim, Coogan, P.C., Small, G.W., Semyonov, Yu.P. Recharacterization of the Zerodur capacitor by intercomparison of capacitance at KRISS, NML and VNIIM 27270
Rae Duk Lee *see* Semyonov, Yu.P. 27288
Rae Jun Park *see* Jaewhan Kim 50749
Rae Kwon Yong *see* Yong Rae Kwon
Rae-Hong Park *see* Chang Bum Lee 5734
Rae-Hong Park *see* Dong-Gyu Sim 35167
Rae-Hong Park *see* In Su Chang 56720
Rae-Hong Park *see* Kang-Sik Yoon 46176
Rae-Hong Park *see* Kyeong Bong Ha 46239
Rae-Hong Park *see* Kyong Bong Ha 46865
Rae-Hong Park *see* Oh-Kyu Kwon 57485
Rae-Hong Park *see* Seung Soo Chae 7070
Rae-Hong Park *see* Sung Bum Pan 1431
Rae-Hong Park *see* Sung Bum Pan 5172
Rae-Hong Park *see* Sung Bum Pan 56438
Raeber, E. *see* Arreguit, X. 17538
Raebiger, J., Romanowski, A., Zhang, Q., Rozgonyi, G. Carrier lifetime and X-ray imaging correlations of an oxide-induced stacking fault ring and its gettering behavior in Czochralski silicon 1976
Raeder, G., Mazaher, S. Quality-of-service directed targeting based on the ODP engineering model 6075
Raedt, W.De *see* De Raedt, W.
Raekken, R.H. *see* Lehne, P.H. 47814
Rael, S., Clavel, E., Marechal, Y., Schaeffer, Ch. PMCM conception methodology: Development of a 3D electrothermal simulation tool [power multi-chip modules] 40887
Rael, S. *see* Duong, S. 40892
Rael, S. *see* Duong, S. 53732
Rael, S. *see* Meysenc, L. 31087
Raesner, D., Bokalo, P., Robertson, J.M. Increasing surge circuit reliability using thick film materials 10211
Raesner, D. *see* Chitale, S.M. 53703
Raev, V.D. *see* Bulatov, M.G. 8503
Raez, L.M. *see* Gorges, E. 7610
Rafaelli, G. *see* Maltese, P. 48772
Rafaely, B., Elliott, S.J. An adaptive and robust feedback controller for active control of sound and vibration 36352
Rafailov, E.U. *see* Sokolovskii, G.S. 44232
Rafajlovski, G., Manov, D. Digital simulation of field oriented control using ANSIM program 9219
Rafajlowicz, E. Consistency of orthogonal series density estimators based on grouped observations 25087
Rafal, M. *see* Anderko, A. 61046
Rafanelli, A.J. Thermo-mechanical creep characteristics of electrically conductive epoxy adhesives at room temperature 180
Rafanelli, A.J. A mechanical reliability evaluation of several electrically conductive epoxies. I. Methodology and basic material properties 10091
Rafanelli, A.J., Shukla, A. Application of photoelasticity in determining the stress intensity factor of a surface mounted solder joint (chip capacitor) 1822
Rafaralahy, H. *see* Boutayeb, M. 56431
Rafee, N., Tongwen Chen, Malik, O.P. A technique for optimal digital redesign of analog controllers 19079
Raff, V. Why electromagnetic VTs are still best for revenue metering, relaying 19826
Raffaelli, C. *see* Callegati, F. 16041
Raffaelli, C. *see* Callegati, F. 46572
Raffaelli, C. *see* Jacob, J.-B. 16517
Raffaelli, F. *see* Luiten, A.N. 48500
Raffali-Schreinemachers, M., Rao, S., Kelly, F., Markopoulos, Y. Charging and billing issues in high speed heterogeneous networking environments 26031
Rafferty, B.D., Anderson, B.T., Glassman, J., Miller, H.C., Lampson, A.I., Hager, G.D. Experimental and theoretical investigation of a coaxial pumped photolytic atomic bromine laser 55502
Rafferty, C.S., Gossmann, H.-J., Kamgar, A., Jacobson, D.C., Lloyd, E.J., Hillenius, S.J., Vuong, H.-H., Becerro, J., Vaidya, H.M., Lytle, S.A., Thoma, M.J., Luftman, H.S. Modeling transient diffusion following high energy implantation 42410
Rafferty, C.S. *see* Hane, M. 12955
Rafferty, C.S. *see* Pelaz, L. 54359
Rafferty, C.S. *see* Vuong, H.-H. 43070
Rafferty, N.R. *see* Branscome, J.V. 51840
Rafferty, N.R. *see* Sandberg, C. 51833
Rafferty, T., Edwards, B., Judd, J., Workman, R. Quality assurance kappa: field testing of a prototypical software program for evaluation of intraoperative transesophageal echocardiography skills 37740

Raffetto, M. *see* Caorsi, S. 14515
Raffle, A. Screening and technology 18186
Raffle, Y. *see* Nakajima, H. 26910
Raffo, L., Sabatini, S.P., Mantelli, M., De Gloria, A., Bisio, G.M. Design of an ASIP architecture for low-level visual elaborations 31328
Raffo, R. *see* Angelini, F. 37362
Raffo, R. *see* Bellazzini, R. 37434
Rafftesaeth, K.P. *see* Yota, J. 54801
Raffy, P., Antonini, M., Barlaud, M. Multiresolution edge adaptive algorithm for low bit rate image coding 56955
Raffy, P., Antonini, M., Barlaud, M. Zerotree edge adaptive coder for low bit rate image transmission 57367
Rafi, G.Z. *see* Moini, R. 35932
Rafi, G.Z. *see* Tavakoli, A. 34349
Rafie, M. *see* Yan Zhong 56271
Rafik, T.A. *see* Griffiths, H.D. 58486
Rafin, B. *see* Robic, J.Y. 40540
Rafiq, O. *see* Cacciari, L. 46725
Rafique, M. *see* Chaudhry, M.A. 30662
Rafolt, D. *see* Mayr, W. 8152
Rafolt, D. *see* Stein, H. 7870
Rag Kim Seong *see* Seong Rag Kim
Ragab, A.S., Mokhtar, M.M. A new iterative method for improving equalizer performance in mobile fading channels 58179
Ragab, A.S. *see* Allam, A.M.M.A. 56209
Ragab, A.S. *see* Mokhtar, M.M. 58180
Ragaei, H.F. *see* Kayed, S.I. 53208
Ragaie, H.F. *see* Khalil, D.A. 55288
Ragaini, E., Woodman, R.F. Demodulation of complex baseband radar signals for the analysis of multiple narrow spectral lines 58414
Ragauskas, A., Daubaris, G., Pamakstis, V., Chomskis, R. New non-invasive method and system for intracranial pressure waves' measurement 18361
Ragauskas, A., Daubaris, G., Pamakstis, V., Chomskis, R. A new non-invasive monitoring technology for neurosurgical ICU patients and healthy persons 49425
Ragazzi, D. *see* Agnesi, A. 33457
Ragazzoni, R., Restaino, S.R. An all-refractive optics for tilt sensing 58739
Ragg, O.M., Keegan, G., Nagel, H., Harris, I.R. The HD and HDDR processes in the production of Nd-Fe-B permanent magnets 32878
Ragg, W. *see* Bamber, C. 55579
Ragg, W. *see* Kotseroglou, T. 33602
Raghavachari, M., Srinivasan, A., Sullo, P. Poisson mixture yield models for integrated circuits: a critical review 54757
Raghavan, J., Rahman, M.M. Transient response of discrete heat sources on a conducting board in the presence of cross flow mixed convection 22075
Raghavan, P., Upfal, E. Stochastic contention resolution with short delays 35499
Raghavan, R. *see* Auffray, E. 37281
Raghavan, R.S., Pulsone, N., McLaughlin, D.J. Performance of the GLRT for adaptive vector subspace detection 4757
Raghavan, S., Cromp, R., Srinivasan, S., Poovendran, R., Campbell, W.J., Kanal, L. Extracting an image similarity index using meta-data content for image mining applications 60031
Raghavan, S. *see* Jeon, J.S. 42630
Raghavan, S.V., Prabhakaran, B., Tripathi, S.K. Handling QoS negotiations in orchestrated multimedia presentations 16405
Raghavan, V. Weighted diagnosis with asymmetric invalidation 11377
Raghavan, V. *see* Shakeri, M. 36410
Raghavan, V.V. *see* Bhuyan, J.N. 30519
Raghavendra, C.S. *see* Venkateswaran, R. 5786
Raghavendra, U. *see* Bhattacharjee, S. 15996
Ragheb, A., Sebak, A., Shafai, L. Radiation from an axial slot on a conducting circular cylinder with reflector wings 34285
Ragheb, H.A., Sebak, A., Shafai, L. Cutoff wavenumbers of an eccentric dielectric cylinder loading a circular waveguide 34145
Ragheb, H.A., Sebak, A., Shafai, L. Cutoff frequencies of circular waveguide loaded with eccentric dielectric cylinder 41389
Raghu, P.P., Yegnanarayana, B. Segmentation of Gabor-filtered textures using deterministic relaxation 15483
Raghu, P.P., Yegnanarayana, B. Multispectral image classification using Gabor filters and stochastic relaxation neural network 57395
Raghu, S. *see* White, C. 19579
Raghunath, C. *see* Jeon, J.S. 42630
Raghunath, K.J., Parhi, K.K. Finite-precision error analysis of QRD-RLS and STAR-RLS adaptive filters 56566
Raghunath Rao, K. *see* Zhiqian Wang 5487
Raghunathan, A., Dey, S., Jha, N.K. Register-transfer level estimation techniques for switching activity and power consumption 11349
Raghunathan, A., Dey, S., Jha, N.K., Wakabayashi, K. Controller re-specification to minimize switching activity in controller/data path circuits 11327
Raghunathan, A. *see* Ghosh, I. 11355
Raghunathan, P., Jagannathan, N.R. Magnetic resonance imaging: basic concepts and applications 7976
Raghunathan, S., Beattie, W.C. Aerodynamic performance of contra-rotating Wells turbine for wave energy conversion 50816
Raghunathan, S. *see* Watterson, J.K. 29175
Raghupathy, A. *see* An-Yeu Wu 1499
Raghuram, R. *see* Divekar, D. 1858
Raghuram, R. *see* Gogoi, A.K. 34280
Raghuveer, M.R. Image enhancement and denoising by wavelet transform for concealed weapon detection 56888
Raghuveer, M.R., Chapa, J.O. Design of biorthogonal MRA generating wavelets matched to specified signal 24941
Raghuveer, M.R. *see* Chapa, J.O. 25661
Raghuveer, M.R. *see* Tang, L. 38408
Raghuveer, M.R. *see* Xin Li 50569
Raghuveer, M.R. *see* Xin Li 50573
Raghuveer, M.R. *see* Xin Li 50608
Ragnarsson, J. Using business cases to justify IN service provision 47286
Rago, C., Mahra, R.K. Target tracking in the presence of ECM: a filter design tool 50280
Rago, C., Willett, P., Streit, R. A modified PMHT 34827
Ragot, J. *see* Dorr, R. 19525
Ragovska, M. *see* Deksnis, G. 8986
Ragozin, A.A., Pinegin, A.L. Double-feed asynchronized synchronous wind power generators operating in parallel with network 60629
Ragozin, A.A. *see* Evdokunin, G.A. 8893
Ragozin, E.N. *see* Troussel, P. 3539
Raguideau, N. *see* Low, C. 26280
Ragulskis, M. *see* Palevicius, A. 60817
Ragusini, F. *see* Rozzi, T. 45291
Raha, A. *see* Fang Feng 57578
Raha, P., Ramaswamy, S., Rosenbaum, E. Heat flow analysis for EOS/ESD protection device design in SOI technology 32414
Rahal, A., Bosisio, R.G., Boch, E., Rogers, C., Ovey, I. Planar V-band frequency tripler for indoor communication systems 41488
Rahardja, K., Kosaka, A. Vision-based bin-picking: recognition and localization of multiple complex objects using simple visual cues 35221
Rahardja, S., Falkowski, B.J. Family of fast transforms for mixed arithmetic logic 393
Rahardja, S. *see* Falkowski, B.J. 380
Rahardja, S. *see* Falkowski, B.J. 4746
Rahardjo, B. *see* Bourlas, Y. 16092
Raheli, R. *see* Castoldi, P. 26543
Rahim, M.G., Chin-Hui Lee, Biing-Hwang Juang Discriminative utterance verification for connected digits recognition 45705
Rahim, M.G., Chin-Hui Lee, Biing-Hwang Juang, Wu Chou Discriminative utterance verification using minimum string verification error (MSVE) training 24881
Rahim, M.G. *see* Sukkar, R.A. 15048
Rahim, N.A., Green, T.C., Williams, B.W. PWM ASIC design for the three-phase bi-directional buck converter 19845
Rahim, N.A. *see* Green, T.C. 51140
Rahim, N.A. *see* Green, T.C. 51356
Rahim, T., Ghani, A. Electromagnetic wave propagation in circularly symmetric structures 45014
Rahim, T., Ghani, A. The concept of waves in modern technology 45160
Rahimo, M.T. *see* Shammas, N.Y.A. 42928
Rahkonen, T. Analysis of power consumption in a simple embedded data path unit 1240
Rahkonen, T., Malo, E., Kostamovaara, J. A 3 V fully integrated digital FM demodulator based on a CMOS pulse-shrinking delay line 1192
Rahkonen, T. *see* Hakkinen, J. 53076
Rahkonen, T. *see* Mantyniemi, A. 53361
Rahlff, C., Tang, Y., Sibbett, W., Dunn, M.H. High-repetition-rate, mid-infrared KTA-OPO at 3.44 μm 14338
Rahlff, C.P. *see* Morrison, G.R. 3751
Rahm, A. *see* Hoenigschmid, H. 54811
Rahm, D. *see* Ferguson, M.I. 37283
Rahm, S. *see* Werner, C. 8462
Rahman, A.F.R. *see* Fairhurst, M.C. 35153
Rahman, A.F.R. *see* Fairhurst, M.C. 56595
Rahman, B.M.A. *see* Anwar, N. 55305
Rahman, B.M.A. *see* Buah, P.A. 55213
Rahman, B.M.A. *see* Ning, Y.N. 17447
Rahman, B.M.A. *see* Wongcharoen, T. 3559
Rahman, B.M.A. *see* Wongcharoen, T. 33069
Rahman, B.M.A. *see* Wongcharoen, T. 33072
Rahman, F., Ahmed, F., Karim, M.A. Estimation of distortion parameters using wavelet-based joint transform correlator 5276
Rahman, F., Thornton, T.J., Huber, R., Cohen, L.F., Yuen, W.T., Stradling, R.A. Superconductor-semiconductor interaction effects in mesoscopic hybrid structures 23411
Rahman, F. *see* Ahmed, F. 5205
Rahman, H. Coupling characterization of multiple wires in a rectangular cavity. I. Thin wire approximation 34156
Rahman, H. Coupling characterization of multiple wires in a rectangular cavity. II. Thick wire approximation 34157
Rahman, K.M., Ehsani, M. Performance analysis of electric motor drives for electric and hybrid electric vehicle applications 29786
Rahman, K.M., Nguyen, C. Complex modes in asymmetric coplanar waveguides 31470
Rahman, K.M., Toliyat, H.A. Sensorless operation of permanent magnet AC (PMAC) motors with modified stator windings 29713
Rahman, K.M. *see* Ehsani, M. 39321
Rahman, L. *see* Andersen, J.K. 33024
Rahman, L. *see* Jiang, M. 33413
Rahman, M., Ivanov, T., Mortazawi, A. A 26-MESFET spatial power-combining oscillator 41459
Rahman, M., Murad, S.K., Holland, M.C., Long, A.R., Wilkinson, C.D.W., Williamson, J.G. Method of dry-etching evaluation using quantum dots 42535
Rahman, M. *see* Murad, S. 22566
Rahman, M. *see* Scudiere, J.D. 60402
Rahman, M.A., Ruifeng Qin A permanent magnet hysteresis hybrid synchronous motor for electric vehicles 39324
Rahman, M.A., Ruifeng Qin A permanent magnet hysteresis hybrid motor drive for electric vehicles 51745
Rahman, M.A. *see* Maswood, A.I. 29421
Rahman, M.A. *see* Osheiba, A.M. 29280
Rahman, M.A. *see* Radwan, T.S. 20130
Rahman, M.F., Cheung, N.C., Lim, K.W. Converting a switching solenoid to a proportional actuator 14536
Rahman, M.F., Zhone, L., Lim, K.W. A DSP based instantaneous torque control strategy for interior permanent magnet synchronous motor drive with wide speed range and reduced torque ripples 29737
Rahman, M.F., Zhong, L., Hui, S.Y.R. A single-phase, regenerative, variable speed induction motor drive with sinusoidal input current 61166
Rahman, M.F. *see* Zhong, L. 60719
Rahman, M.H. *see* Johnson, T.D. 18999
Rahman, M.H. *see* Lafreniere, J.A.A.L. 16364
Rahman, M.H.Abdel *see* Abdel Rahman, M.H.
Rahman, M.M. Analysis and design of an air-cycle microclimate cooling device 38153
Rahman, M.M. *see* Raghavan, J. 22075
Rahman, M.M. *see* Rosario, L. 29886
Rahman, S., Siva Kumar, K., Srinivas Rao, N. Ionic transport and battery characterization studies in $(30\text{-}x)Na_2O\text{–}xNaF\text{-}60B_2O_3\text{-}10Tl_2O$ glasses 29528
Rahman, S. *see* Chedid, R. 38645
Rahman, S. *see* Dash, P.K. 19037
Rahman, S. *see* Dash, P.K. 60332
Rahman, Z. Integrated wavelet compression and restoration 25610
Rahman, Z. *see* Fales, C.L. 4940
Rahman, Z. *see* Huck, F.O. 4939
Rahman, Z. *see* Huck, F.O. 57723
Rahman, Z. *see* Jobson, D.J. 35297
Rahman, Z.-U., Jobson, D.J., Woodell, G.A. A multiscale retinex for color rendition and dynamic range compression 35131
Rahmane, S. *see* Aida, M.S. 30944
Rahmani, A., Sueur, C., Dauphin-Tanguy, G. On the infinite structure of systems modelled by bond graph: feedback decoupling 21062
Rahmani, A.T. *see* Ono, N. 15865
Rahmann, K.M. *see* Ehsani, M. 51742
Rahmat, K. *see* Oh, S.-Y. 2753
Rahmat, K. *see* Oh, S.Y. 43240
Rahmat, M.F. *see* Green, R.G. 39332
Rahmat, M.F. *see* Green, R.G. 61242
Rahmat-Samii, Y. *see* Barlevy, A.S. 33996
Rahmat-Samii, Y. *see* Barlevy, A.S. 34020
Rahmat-Samii, Y. *see* Barlevy, A.S. 34184
Rahmat-Samii, Y. *see* Barlevy, A.S. 45350
Rahmat-Samii, Y. *see* Blanch, S. 34378
Rahmat-Samii, Y. *see* Colburn, J.S. 35943
Rahmat-Samii, Y. *see* Colburn, J.S. 58168
Rahmat-Samii, Y. *see* Faust, W.P. 34485
Rahmat-Samii, Y. *see* Green, B.M. 35933
Rahmat-Samii, Y. *see* Hodges, R.E. 4386
Rahmat-Samii, Y. *see* Hodges, R.E. 33923
Rahmat-Samii, Y. *see* Hodges, R.E. 34210
Rahmat-Samii, Y. *see* Jensen, M.A. 14594
Rahmat-Samii, Y. *see* Jensen, M.A. 33927
Rahmat-Samii, Y. *see* Johnson, J.M. 24563
Rahmat-Samii, Y. *see* Johnson, J.M. 33954
Rahmat-Samii, Y. *see* Johnson, J.M. 35941
Rahmat-Samii, Y. *see* Virga, K.L. 45412
Rahmelow, K. Electronic influences on an infrared detector signal: nonlinearity and amplification 58756
Rahmoune, M., Eymery, J.P., Goudeau, P., Denanot, M.F. A transmission electron microscopy study of interfacial reactions in the Fe/GaAs system 32062
Rahn, A. *see* Beske, E.U. 22055
Rahn, F.J., Wall, I.B., Hughes, E.A., Mairs, T., Spina, J. Energizing operations in a competitive environment 38565
Rahn, J. *see* Cordova, A. 27624
Rahn, J. *see* DeWitt, J. 59243
Rahn, J. *see* Sadrozinski, H.F.W. 37399
Rahn, J. *see* Unno, Y. 37395
Rahn, L.A. *see* Williams, S. 33644
Rahnavardy, K., Arya, V., Wang, A., Weiss, J.M. Investigation and application of all-fiber frustrated-total-internal-reflection sensors 36630
Rahnavardy, K., Arya, V., Wang, A., Weiss, J.M. Investigation and application of the frustrated-total-internal-reflection phenomenon in optical fibers 58813
Rahnejat, H. *see* Mehdian, M. 49379
Rahner, D., Machill, S., Schloert, H., Siury, K., Kloss, M., Plieth, W. Intercalation materials for lithium rechargeable batteries 29586

Rahner, D., Machill, S., Siury, K. Reactive interaction between surfaces of lithium metal and electrolyte components 29590
Rahner, D., Machill, S., Siury, K., Kloss, M., Plieth, W. Intercalation materials for lithium rechargeable batteries 9483
Rahola, J. Parallel solution of the volume integral equation of electromagnetic scattering 14545
Rahovich, L.M. *see* Slonim, M.A. 29152
Rahrooh, A. *see* Buchanan, W.W. 39617
Rai, A.Sesappa *see* Sesappa Rai, A.
Rai, C.S. *see* Singh, S. 45141
Rai, C.S. *see* Vishvakarma, B.R. 4363
Rai, G. *see* Shukla, P.K. 23483
Rai, O. *see* Pandey, B.N. 40029
Rai, S. *see* Brooks, R.R. 52355
Rai, S. *see* Cosmas, J. 26243
Rai, S. *see* Oh, Y. 46614
Rai, V.N. *see* Shukla, M. 17478
Raia, G. *see* Calabretta, L. 49145
Raia, G. *see* Ciavola, G. 49283
Raia, G. *see* Finocchiaro, P. 37097
Raiber, A. *see* Kononenko, T.V. 43383
Raich, G. *see* Kalcher, J. 8065
Raichev, O.E. Influence of tunneling on interlayer drag in double quantum wells 31974
Raichev, O.E., Vasko, F.T. Electron transport in double quantum wells under the longitudinal size-effect regime 42168
Raichev, O.E., Vasko, F.T. Magneto-oscillations of the tunnelling current between two-dimensional electron systems 54180
Raidt, H. *see* Silier, I. 10773
Raidt, U. *see* Wittenstein, W. 17528
Raifel, M., Ron, S. Estimation of slowly changing components of physiological signals 37807
Raik, J. *see* Ubar, R. 9889
Raikhlin, V.A. Hazard-free synchronous sequential switching circuits 31203
Raillon, R. *see* Calmon, P. 50720
Railton, C.J., Craddock, I.J. Stabilised CPFDTD algorithm for the analysis of arbitrary 3D PEC structures 14669
Railton, C.J., Craddock, I.J. Electromagnetic analysis of complex 3D PEC structures using a stabilised CPFDTD algorithm 34142
Railton, C.J. *see* Craddock, I.J. 34159
Raimi Ibrahim, M. *see* Al-Charchafchi, S.H. 56227
Raimo, A. *see* Di Ruberto, C. 37728
Raimond, P. *see* Fiorini, C. 55156
Raimond, P. *see* Gautier, E. 23693
Raimondi, P. *see* Breidenbach, M. 37151
Raimondi, P. *see* Decker, F.-J. 37122
Raimondi, P. *see* Decker, F.-J. 37123
Raimondi, R. *see* Cook, P.M.A. 3288
Raimondo, A. *see* Agnello, M. 37458
Rain, P. *see* Hammal, R. 21988
Raina, J.P. *see* Nair, P. 23825
Raina, J.P. *see* Nair, P. 33428
Raina, K.K. *see* Solayappan, N. 52782
Rainal, A.J. Computing inductive noise of CMOS drivers 2816
Raine, A. The use of the alternating current field measurement technique for mechanised and semi-automated inspection 52916
Raine, C. *see* D'Auria, S. 59251
Raine, J.K., Harrington, J.J., Webb, E.A., Meredith, Z.A. Expanding Universe: design study for scaling up a kinetic sculpture 39712
Raine, J.K., Maxey, N.G. Electrically assisted human-powered vehicles: an option for commuters? 61286
Rainer, W., Cappa, P. Clinical engineering and Internet 18175
Rainer, W., Menegazzo, E., Wiedmer, A. Quality in management of biomedical equipment 18168
Rainer Dohle, G., Callahan, J.J., Drabik, T.J., Martin, K.P. A new cost effective packaging technique for optoelectronic devices 245
Raineri, V., Campisano, S.U. Voids in silicon as sink for interstitials 31752
Raineri, V. *see* Lombardo, S. 22526
Raineri, V. *see* Lombardo, S. 32367
Rainin, V.E. *see* Bondina, N.N. 53714
Rainish, D. Diversity transform for fading channels 16008
Rainmuth, K., Lorenz, L. Intelligent low side switch provides full protection in high current applications 32402
Raino, A. *see* Barbarito, E. 18093
Raino, A. *see* Boggia, A. 49136
Rainova, Yu.P., Pezoldt, J., Antonenko, K.I., Eichhorn, G. Application of holographic interferometry to flow pattern visualization in a RTCVD reactor 21346
Rainsant, J.M. *see* Baggio, J. 24015
Raipala, K. *see* Saxen, H. 25731
Rairoux, P. *see* Kasparian, J. 55890
Rais, C.D. *see* Dube, R. 47001
Rais, J. *see* Murni, A. 8549
Raisanen, A., Hirvonen, T., Tuovinen, J., Ala-Laurinaho, J., Lehto, A. Development of a test method for the Odin satellite 1.1 m antenna at 119 and 500 GHz 56169
Raisanen, A.D. *see* Yang, X. 54157
Raisanen, A.V. *see* Jian Zhang 21908
Raisanen, A.V. *see* Louhi, J.T. 11711
Raisanen, A.V. *see* Sehm, T. 41401
Raisky, O.Y., Wang, W.B., Alfano, R.R., Reynolds, C.L., Jr., Swaminathan, V. Investigation of photoluminescence and photocurrent in InGaAsP/InP strained multiple quantum well heterostructures 31971
Raissi, M. *see* Hariri, F. 35122
Raita, E., Kamshilin, A.A., Jaaskelainen, T. Polarization properties of fanning light in fiberlike bismuth titanium oxide crystals 14327
Raita, E., Kamshilin, A.A., Prokofiev, V.V., Jaaskelainen, T. Fast mutually pumped phase conjugation using transient photorefractive coupling 44716
Raita, E. *see* Kamshilin, A.A. 14308
Raita, E. *see* Kamshilin, A.A. 24145
Raitsios, P. Distribution of magnetic field and current density and leakage inductance estimation in a flat conductive plate 14511
Raitsios, P. Distribution of current and magnetic field density of many in series connected plates and many parallel conductors 44863
Raizada, G. *see* Pal, B.P. 6712
Raizer, A. *see* Matias, R.M. 44850
Raizer, A. *see* Vanti, M.G. 44963
Raizer, A. *see* Zgainski, F.-X. 40272
Raizer, Yu.P., Schneider, M.N. Localization of an rf capacitive discharge in a long strip line 41728
Raizman, A. *see* Ariel, V. 41978
Raj, B., Moorthy, V., Vaidyanathan, S. Influence of microstructural changes due to tempering at 923 K and 1,023 K on magnetic Barkhausen noise behavior in normalized 2.25Cr-1Mo ferritic steel 52902
Raj, B. *see* Joseph, A. 19374
Raj, B. *see* Moreno, P.J. 15098
Raj, B. *see* Subramanian, C.V. 40715
Raj, G.D.Mohan *see* Mohan Raj, G.D.
Raj, R. *see* Bellman, R. 715
Raj, R. *see* Gopalan, V. 24148
Raj, R. *see* Gopalan, V. 43487
Raj, R.B., Rangan, K.P., Maria, A., Bao, X.H., Lee, N.C. Engineering solder paste performance via controlled stress rheology analysis 52266
Raj, R.B. *see* Bao, X. 22064
Raj, R.V., Murty, N.S., Nagendra Rao, P.S., Patnaik, L.M. Effective heuristics for timing driven constructive placement 52967
Raj, R.V. *see* Jayaram, R. 21559
Raj, S., Feng, G. Offshore manufacturing trends: Overview from a global contract manufacturer 20744
Raj Baldev *see* Baldev Raj
Raj Narayan, M.D., Sudhir Kamath, Sum Reddy, Reddy, M.M.M., Santra, M. A novel power measurement technique for broad band high power CW TWTs 22183
Raja, A., Tuulik, V., Lossmann, E., Meister, A. Neural network approach to classify the functional state of CNS in case of neurotoxic diseases 59703
Raja, J. *see* Liu, X. 25614
Raja, K., Narayanachar, M.N., Nema, R.S. A study of phase angle distribution of partial discharges in oil pressboard insulation systems 19788
Raja, K., Narayanachar, M.N., Nema, R.S. Phase window analysis of partial discharges in an oil pressboard insulation system 32722
Raja, L.L., Varghese, P.L., Wilson, D.E. Modeling of the electrothermal ignitor metal vapor plasma for electrothermal-chemical guns 33862
Raja, M.Manivel *see* Manivel Raja, M.
Raja Rao, C. *see* Seshadri, R. 49664
Rajab, H.A., Yucel, M.D. Effects of improving phase transparency on the distance spectrum of trellis codes 4457
Rajabi, H., Pant, G.S., Padhy, A.K., Basu, A.K. Computer processing of radionuclide renogram and use of deconvolution method to calculate renal transit time 18243
Rajagopal, C.D. *see* Hasan, S.M.R. 21603
Rajagopal, G. *see* Vosburgh, R.O. 38480
Rajagopalan, B. Mobility management in integrated wireless-ATM networks 47228
Rajagopalan, J. *see* Gholdston, E.W. 18714
Rajagopalan, R., Orchard, M.T., Ramchandran, K. Optimal supports for linear predictive models 15976
Rajagopalan, R. *see* Barakat, N. 9261
Rajagopalan, R. *see* Feig, E. 15781
Rajagopalan, S., Li Fung Chang Cost analysis for a switch to support PCS mobility management on ATM transport 47753
Rajagopalan, S. *see* Amos, N. 37445
Rajagopalan, S. *see* Cremaldi, L. 59262
Rajagopalan, S. *see* Ravi Jain 26518
Rajagopalan, S. *see* Yates, R. 6636
Rajagopalan, V. *see* Charette, A. 39268
Rajakovic, N., Arsenijevic, N., Savic, A., Tepavcevic, P. Load estimation in distribution networks on the basis of available measurement 60365
Rajakovic, N., Tasic, D., Djukanovic, M. Voltage collapse assessment incorporating fuzzy static load representation and dynamic models of induction motors 50325
Rajakovic, N. *see* Ciric, R. 50551
Rajakovic, N. *see* Tasic, D. 19273
Rajamani, G. *see* Chen, P.M. 1337
Rajamani, H.S., McMahon, R.A. High frequency, three phase induction motors for wide speed range applications 51736
Rajamani, H.S., McMahon, R.A. Induction motor drives for domestic appliances 61352
Rajamohan Reddy, K., Annapurna, K., Buddhudu, S. Photoluminescence spectra of CaFCl:Eu^{2+} powder phosphors 3591
Rajamohan Reddy, K., Annapurna, K., Buddhudu, S. Fluorescence spectra of BaFCl:Eu^{2+} powder phosphors 13830
Rajan, B. *see* Kazerouni, L. 53259
Rajan, B.S. *see* Vazirani, V.V. 4515
Rajan, B.S. *see* Vazirani, V.V. 24697
Rajan, B.Sundar *see* Sundar Rajan, B.
Rajan, J.Sundara *see* Sundara Rajan, J.
Rajan, K. Chemical-mechanical polishing of oxide thin films: the Rebinder-Westwood phenomenon revisited 2405
Rajan, K., Patnaik, L.M., Ramakrishna, J. High-speed image reconstruction based on CBP and Fourier inversion methods 57329
Rajan, K. *see* Carlson, D.E. 39124
Rajan, K. *see* Carlson, D.E. 61091
Rajan, K. *see* Chen, L. 39150
Rajan, K.K. *see* Sachdev, R.N. 48758
Rajan, M.M., Sundar, R.M., Bapat, V.P., Basu, S. An economic alternative for the conventional ambulances for mass health care. I. Study of the utility of conventional ambulances in a metropolitan city 18176
Rajan, M.M. *see* Venkidachalam, G. 18185
Rajan, P.K. *see* Ge, J. 3547
Rajan, P.K. *see* Jin Ge 46206
Rajan, P.K. *see* Reddy, H.C. 4694
Rajan, R., Agrawal, R. Server allocation and routing in homogeneous queues with switching penalties 10248
Rajan, S. *see* Ulrich, R.K. 10141
Rajan, S.D., Nagaraj, B. Towards enhancing the life of plastic power packages using design optimization 30234
Rajan, V.T. *see* Mayya, N. 15847
Rajan Bhatia *see* Lewin, P.A. 18518
Rajanathan, C.B., Kamoutsis, P. Switching transients in a cage induction motor by finite element analysis 19754
Rajanathan, C.B., Shi, Z.W., Thompson, D.S. Electromechanical transients in a three-phase induction motor during phase failure and plugging 50990
Rajanathan, C.B. *see* Shi, Z.W. 19937
Rajanathan, C.B. *see* Shi, Z.W. 51051
Rajangam, R.K. *see* Jagannathan, S. 46150
Rajanikanth, B., Okumoto, M., Katsura, S., Mizuno, A. Nonthermal plasma approach in direct methanol synthesis from CH_4 38460
Rajapakse, J.C., Giedd, J.N., DeCarli, C., Snell, J.W., McLaughlin, A., Vauss, Y.C., Krain, A.L., Hamburger, S., Rapoport, J.L. A technique for single-channel MR brain tissue segmentation: application to a pediatric sample 59408
Rajapakse, J.C., Giedd, J.N., Rapoport, J.L. Statistical approach to segmentation of single-channel cerebral MR images 49545
Rajapakse, R.K.N.D., Zhou, Y. Stress analysis of piezoceramic cylinders 52863
Rajapatirana, S. *see* Singh, A. 1937
Rajaram, B. *see* Kashkoush, I. 42473
Rajaraman, K.C. Ampere and Faraday: the electromagnetic symmetry 20726
Rajaraman, K.C. *see* Watalis, E.A. 33819
Rajaraman, R., Dobson, I., Jalali, S.G. Nonlinear dynamics and switching time bifurcations of a thyristor controlled reactor circuit 11162
Rajaraman, R., Gopalan, P., Premila, M. Anodisation time dependent shift of photoluminescence excitation and emission spectra in porous silicon 42552
Rajaraman, R. *see* Satyanarayana, S. 60358
Rajaraman Rajesh *see* Rajesh Rajaraman
Rajarathnam, A.V. *see* Johnson, J.P. 29276
Rajarathnam, A.Velayutham *see* Velayutham Rajarathnam, A.
Rajaratnam, M.M. *see* Thackeray, J. 32286
Rajaravivarma, V. Virtual local area network technology and applications 47071
Rajasekaran, R. *see* Sonmez, M.K. 16609
Rajasekharan, M. *see* Peters, B.A. 163
Rajashekara, K. *see* Bose, B.K. 51779
Rajashekara, K. *see* Kurnia, A. 29838
Rajasubramanian, S. *see* Li, J. 59739
Rajavel, R.D., Jamba, D., Wu, O.K., Roth, J.A., Brewer, P.D., Jensen, J.E., Cockrum, C.A., Venzor, G.M., Johnson, S.M. Status of MBE technology for the flexible manufacturing of HgCdTe focal plane arrays 711
Rajavel, R.D., Wu, O.K., Jensen, J.E., Cockrum, C.A., Venzor, G.M., Patten, E.A., Goetz, P.M., Leonard, D.B., Johnson, S.M. MBE growth and properties of HgCdTe long wave and very long wave infrared detectors 27578
Rajavel, R.D. *see* Benson, J.D. 21287
Rajavel, R.D. *see* De Lyon, T.J. 702
Rajavel, R.D. *see* De Lyon, T.J. 48645
Rajavel, R.D. *see* Wu, O.K. 48663
Raje, S., Sarrafzadeh, M. Variable voltage scheduling 21435
Raje, S. *see* Bergamaschi, R.A. 31163
Rajendran, K. *see* Sharpe, P.H.G. 28470
Rajesh, K., Huang, L.J., Lau, W.M., Bruce, R., Ingrey, S., Landheer, D. Oxidation and sulfur passivation of GaInAsP(100) 42506

Rajesh, K.G. Expert systems: their implications and applications for power systems 60319
Rajesh Kumar, Vengurlekar, A.S. Nonlinear picosecond excitation-correlation luminescence due to free electron-hole pairs in GaAs 2031
Rajesh Rajaraman, Dobson, I. Damping estimates of subsynchronous and power swing oscillations in power systems with thyristor switching devices 19157
Rajeswaran, S. *see* Liu Xuan 37669
Rajeswari, M. *see* Dong, Z.W. 13499
Rajgopal, S. *see* Veeramachaneni, V. 21421
Rajh, T., Tiede, D.M., Thurnauer, M.C. Surface modification of TiO_2 nanoparticles with bidentate ligands studied by EPR spectroscopy 32186
Rajhel, A. *see* Amersfoort, M.R. 44511
Rajhel, A. *see* Soole, J.B.D. 23529
Rajhel, A. *see* Soole, J.B.D. 26929
Rajhel, A. *see* Yoo, S.J.B. 4032
Rajhel, A. *see* Youtsey, C. 23642
Rajhel, A. *see* Zah, C.E. 55630
Rajicic, D. *see* Borozan, V. 38345
Rajicic, D. *see* Taleski, R. 50530
Rajira, A. *see* Sadowski, J. 10754
Rajkomar, P. New assembly technology for small surface mount LEDs 48786
Rajkumar, N., McMullin, J.N., Keyworth, B.P. Optoelectronic cross-bar switching using free-space optical distribution 3647
Rajnovic, D. *see* Ferreira, J.N. 6253
Rajouani, A., Ouadou, M., Nour, H.A., Najim, M. Consonant duration from an Arabic speech database 4586
Rajpal, S., Do Jun Rhee, Shu Lin Multidimensional trellis coded phase modulation using a multilevel concatenation approach .II. Codes for the AWGN and fading channels 34552
Rajpal, S., Rhee, D.J., Lin, S. Multidimensional trellis coded phase modulation using a multilevel concatenation approach. I. Code design 24751
Rajski, J., Tyszer, J. On linear dependencies in subspaces of LFSR-generated sequences 1235
Rajski, J. *see* Marchok, T.E. 7177
Rajski, J. *see* Tamarapalli, N. 41021
Rajski, J. *see* Zacharia, N. 40984
Rajsuman, R. Challenge of the 90's: testing CoreWare(TM) based ASICs 31168
Raju, G.R.Govinda *see* Govinda Raju, G.R.
Raju, N.R., Venkata, S.S., Sastry, V.V. The use of decoupled converters to optimize the power electronics of shunt and series AC system controllers 50434
Raju, V. Intelligent networking in broadband and mobile networks 6288
Raju, V.V., Kuppurajulu, A. A closed-loop reactive power controller for power system voltage stability 50391
Raju, V.V. *see* Mali, S. 19300
Raju Damarla, T., Stroud, C.E. Design of signature registers for double error bit identification 1215
Rajvanshi, S. *see* Dhariwal, S.R. 54032
Rak, D.J. *see* Rauscher, K.F. 6402
Rak Bae Deok *see* Deok Rak Bae
Rak-Hyun Song, Horita, T., Sakai, N., Kawada, T., Yokokawa, H., Dokiya, M. Fabrication of planar solid oxide fuel cell by composite plate process 51525
Rakennus, K. *see* Lammasniemi, J. 38984
Rakers, P. *see* Garrity, D. 21763
Rakhimov, A.T. *see* Ivanov, V.V. 9717
Rakhimov, A.T. *see* Mankelevich, Y.A. 52790
Rakhimov, V.A. *see* Makhkamov, Kh.Kh. 29157
Rakhimova, T.V. *see* Ivanov, V.V. 9717
Rakhlin, A.V. *see* Alimov, V.A. 4259
Rakhlin, A.V. *see* Alimov, V.A. 14609
Rakhovsky, V.I. *see* Chaly, A.M. 28953
Rakhshandehroo, M.R., Pang, S.W. Sharpening Si field emitter tips by dry etching and low temperature plasma oxidation 22171
Rakkit, R. *see* Ming-Yin Hao 54804
Rakkolainen, I. *see* Koskelainen, P. 26271
Rakoczy, D. *see* Adam, W. 37221
Rakotoarisoa, H. *see* Zuyev, S. 58224
Rakov, A.V. *see* Novikov, Ya.A. 17180
Rakov, D.L. Morphological synthesis method of search for promising technical system 10019
Rakova, E.V. *see* Kuznetsov, A.V. 805
Rakovics, V. *see* Bartha, L. 44537
Rakowska, A., Hajdrowski, K. Comparative tests of impulse strength of PE and XLPE insulation 43560
Raksapatcharawong, M. *see* Pinkston, T.M. 33328
Rakshit, S. *see* Jackson, R.W. 41513
Raksi, F. *see* Barty, C.P. 14075
Raksi, F. *see* Barty, C.P.J. 3802
Raksi, F. *see* Barty, C.P.J. 7933
Raksi, F. *see* Barty, C.P.J. 13910
Rakuljic, G.A. *see* Yariv, A. 13551
Ralchenko, V.G. *see* Nistor, L.C. 40644
Ralescu, A.L., Ralescu, D.A. Extensions of fuzzy aggregation 40079
Ralescu, D.A., Sugeno, M. Fuzzy integral representation 387
Ralescu, D.A. *see* Ralescu, A.L. 40079
Rall, J.A.R., Abshire, J.B. Antarctic Miniature Lidar 8435
Rallis, E. *see* Ludman, J.E. 61086
Rallo, F. *see* Schirone, L. 44165
Rallo, F. *see* Sotgiu, G. 31795
Ralmat-Samii, Y.R. *see* Colburn, J.S. 34298
Ralph, B. *see* Hui, I.K. 53772
Ralph, B. *see* Yung, W.K.C. 30197
Ralph, D. *see* Agee, F.J. 53979
Ralph, D. *see* Hendricks, K. 11231
Ralph, D. *see* Wright, S. 10408
Ralph, D.C. *see* Johnson, K.S. 2484
Ralph, E.L., Linder, E.B. Advanced solar panel designs 38004
Ralph, J.F., Clark, T.D., Prance, R.J., Prance, H., Diggins, J. Capacitance in a radio-frequency-SQUID magnetometer 13511
Ralph, J.F. *see* Whiteman, R. 32932
Ralph, S.E. *see* Chtchekine, D.G. 40314
Ralph, S.E. *see* Juodawlkis, P.W. 22330
Ralph, T.C., Harb, C.C., Bachor, H.-A. Intensity noise of injection-locked lasers: quantum theory using a linearized input-output method 14192
Ralph, T.C. *see* Bachor, H.-A. 23832
Ralph, T.C. *see* Harb, C.C. 14193
Ralston, A.R.K., Klein, C.F., Thoma, P.E., Denton, D.D. A model for the relative environmental stability of a series of polyimide capacitance humidity sensors 17342
Ralston, J. *see* Downing, E. 17714
Ralston, J. *see* Downing, E.A. 7500
Ralston, J.C., Boashash, B., Zoubir, A.M. A practical procedure for identifying time-varying nonlinear systems using basis sequence approximations 25139
Ralston, J.C., Zoubir, A.M., Boashash, B. Identification of a class of time-varying nonlinear systems using basis sequences 34922
Ralston, J.C., Zoubir, A.M., Boashash, B. Identification of a class of nonlinear systems under stationary non-Gaussian excitation 45807
Ralston, J.D., Li, G.-P., Mathur, A., Rogers, G., Lo, T. High-power fibre-coupled 1550 nm DFB laser modules for externally-modulated fibre-optic transmission 33522
Ralston, J.D., Mathur, A., Welch, D.F. High-power 1550-nm distributed feedback lasers 23921
Ralston, J.D. *see* Czotscher, K. 3882
Ralston, J.D. *see* Czotscher, K. 55694
Ralston, J.D. *see* Piehler, D. 36343
Ralston, J.D. *see* Sah, R.E. 14228
Ralston, J.D. *see* Weisser, S. 23957
Ralston, P.A. *see* Maron, M.J. 20647
Ram, D.J., Sreenivas, T.H., Subramaniam, K.G. Parallel simulated annealing algorithms 492
Ram, M.K. *see* Verghese, M.M. 23579
Ram, M.K. *see* Verghese, M.M. 55309
Ram, P. *see* Leibovitch, M. 54160
Ram, P.Sri *see* Sri Ram, P.
Ram-Mohan, L.R. *see* Hoffman, C.A. 44069
Ram-Mohan, L.R. *see* Vurgaftman, I. 12499
Ram-Mohan, L.R. *see* Vurgaftman, I. 23979
Rama Rao, A. *see* Moorthy, R.I.K. 9009
Rama Rao, P.V.S., Sri Ram, P., Jayachandran, P.T., Prasad, D.S.V.V.D. Multistation VHF scintillation studies at low latitudes 14614
Ramac, L.C. *see* Uner, M.K. 56651
Ramachandra, B., Nema, R.S. Characterisation of partial discharge pulses in artificial voids in polypropylene films used in capacitors 19945
Ramachandra, T.V., Subramanian, D.K. Industrial energy utilisation in Karnataka and potential savings 51639
Ramachandra, T.V., Subramanian, D.K., Joshi, N.V. Wind energy potential assessment in Uttara Kannada District of Karnataka, India 38462
Ramachandramurthi, S. The structure and number of obstructions to treewidth 40062
Ramachandran, M. *see* Lin, B.C. 6860
Ramachandran, R., Shih-Lien Lu Efficient arithmetic using self-timing 1259
Ramachandran, R.P. *see* Zilovic, M.S. 24842
Ramachandran, S., Bishop, S.G., Brady, D.J. Dynamic grating formation in As_2S_3 14454
Ramachandran, S. *see* Jayaraman, A. 28615
Ramachandran, S. *see* Murphy, C.T. 49262
Ramachandran, T., Lal, A.V., Mandalam, K.R. Development of a fiber optic delivery system for the application of laser in vascular diseases 8128
Ramachandran, T.R., Heitz, R., Chen, P., Madhukar, A. Mass transfer in Stranski-Krastanow growth of InAs on GaAs 30800
Ramachandran, V. *see* Ahmadi, M. 15175
Ramachandran, V. *see* Gargour, C.S. 20558
Ramachandran, V. *see* MacKenzie, P.D. 16684
Ramachandran, V. *see* Padhy, N.P. 50456
Ramachandran, V. *see* Pai, K.R. 31359
Ramachandran, V. *see* Safiri, H. 53451
Ramacher, K. *see* Worthington, M.S. 1905
Ramacher, K.F. *see* Wheeland, C.L. 1928
Ramachers, Y. *see* Baudis, L. 49327
Ramadan, O., Niazi, A.Y. Improved formulations for higher order absorbing boundary conditions 45106
Ramadan, W.A., Fazio, E., Bertolotti, N. Measurement of the refractive-index profile of planar waveguides by the use of a double Lloyd's interferometer 7634
Ramadge, P.J. *see* Saur, D.D. 57341
Ramadge, P.J. *see* Yap-Peng Tan 56736
Ramaekers, D. *see* Aubert, A.E. 28381
Ramage, N.H., van Coller, J.M., Koch, R. Development of a FACTS front end for EMTP 50517
Ramahi, O.M. Near- and far-field calculations in FDTD simulations using Kirchhoff surface integral representation 55961
Ramakrishana, D.S. *see* Rao, P.S.N. 29367
Ramakrishna, J. *see* Rajan, K. 57329
Ramakrishna, K. *see* Johnson, Z. 52273
Ramakrishna, K. *see* Mulgaonker, S. 195
Ramakrishna, K. *see* Venkatraman, R. 31609
Ramakrishna Reddy, K.T. *see* Sesha Reddy, M. 54141
Ramakrishnan, K.G. *see* Pardalos, P.M. 40115
Ramakrishnan, K.K. *see* Lee, D. 57593
Ramakrishnan, K.R. *see* Mukundan, R. 15442
Ramakrishnan, K.R. *see* Uma, K. 28141
Ramakrishnan, R. *see* Shaft, U. 46047
Ramakrishnan, S., Greenough, N., Fredd, E., Bernabei, S., Neumeyer, C. Power system for lower hybrid current drive of Tokamak Fusion Test Reactor Advanced Phase (TFTR-AP) 29436
Ramakrishnan, S. *see* Narayan, K.S. 3610
Ramakrishnan, V., Albers, J.N., Nottenburg, R.N., Hillery, W.J. Monolithic retimed receiver array with dynamic reference level comparator for 4×2 Gb/s synchronous optical data link 26702
Ramakrishnan, V. *see* Rufus, I.B. 2236
Ramakumar, R. Energizing rural areas of developing countries using IRES 28981
Ramalingam, M.L., Donovan, B.D., Beam, J.E. Cryogenic refrigeration thermodynamics for a power conditioning electronic component [for radar systems] 29387
Ramalingam, M.L., Donovan, B.D., Lamp, T., Beam, J.E. Systems analysis for a cryogenic aerospace terrestrial radar power system 27047
Ramalingam, M.L., Lamp, T.R., Jacox, M., Kennedy, F. High temperature energy conversion for the Integrated Solar Upper Stage (ISUS) 18741
Ramalingam, M.L. *see* Baker, J. 22076
Ramalingam, M.L. *see* Vichare, M. 12883
Ramalingam, M.L. *see* Vichare, M. 12980
Ramamoorthy, M. *see* Pantelides, S.T. 42407
Ramamoorthy, S.K., Findley, V.E., Ashenayi, K. Hourly and daily peak load forecasting using artificial neural networks 19253
Ramamoorthy, V. Clock synchronization in software MPEG-2 decoder 46408
Ramamoorthy, V. Frame rate performance modeling of software MPEG decoder 46410
Ramamurthi, S.S. *see* Rangarajan, L.M. 37165
Ramamurthy, G. *see* Mark, B.L. 5789
Ramamurthy, G. *see* Pitsillides, A. 25856
Ramamurti, V., Gautam, P., Kothari, A. Computer-aided design of a two-stage gearbox 21211
Ramamurti, V., Ghosh, J. Advances in using hierarchical mixture of experts for signal classification 25226
Ramamurti, V. *see* Chakravarthy, S.V. 15711
Ramamurti, V. *see* Chatterjee, A. 22584
Raman, A. Optimizing cycle time in high speed SMT lines 22056
Raman, E. *see* Sijbers, J. 59411
Raman, J. *see* Brown, J. 12541
Raman, S., Patnaik, L.M. Performance-driven MCM partitioning through an adaptive genetic algorithm 1892
Raman, S., Rebeiz, G.M. Single- and dual-polarized millimeter-wave slot-ring antennas 4385
Raman, S. *see* Filipovic, D.F. 56223
Raman, S. *see* Jayaram, R. 21559
Raman, T.V. Documents are not just for printing 48269
Raman Suri, C., Mishra, G.C. Activating piezoelectric crystal surface by silanization for microgravimetric immunobiosensor application 36709
Ramanath, A.G. *see* Lai, S.L. 27957
Ramanath, G., Carlsson, J.R.A., Greene, J.E., Allen, L.H., Hornback, V.C., Allman, D.J. Gas-phase transport of WF_6 through annular nanopipes in TiN during chemical vapor deposition of W on TiN/Ti/SiO_2 structures for integrated circuit fabrication 2450
Ramanathan, A., Kienzle, M.G., Myers, G.A. Preprocessing heart rate variability data improves risk stratification in congestive heart failure 28384
Ramanathan, K., Contreras, M.A., Tuttle, J.R., Keane, J., Webb, J., Asher, S., Niles, D., Dhere, R., Tennant, A.L., Hasoon, F.S., Noufi, R. Effect of heat treatments and window layer processing on the characteristics of $CuInGaSe_2$ thin film solar cells 39074
Ramanathan, K. *see* Contreras, M.A. 39067
Ramanathan, K. *see* Moutinho, H.R. 30870
Ramanathan, K. *see* Niles, D.W. 39073
Ramanathan, K.R. *see* Tuttle, J.R. 39065
Ramanathan, R. Stochastic decision making using multiplicative AHP 52433
Ramanathan, S., Ortega, A. A uniform flow effective diffusivity approach for conjugate forced convection from a discrete rectangular source on a thin conducting plate 288
Ramanathan, S., Steenstrup, M. A survey of routing techniques for mobile communications networks 6635
Ramanathan, S., Visvanathan, V. Low-power configurable processor array for DLMS adaptive filtering 53443
Ramanathan, S. *see* Perry, E. 5966
Ramanathan, S. *see* Yongfei Zhu 52781
Ramani, A.K. *see* Selvakennedy, S. 25917
Ramani, N. *see* Ruiping Wang 52148
Ramanujachary, K.V. *see* Shuk, P. 27534
Ramanujachary, K.V. *see* Shuk, P. 48478

Ramanujam, N., Burke, J.J. Optimizing KTP and $LiTaO_3$ channel waveguides for quasi-phase-matched second harmonic generation with high conversion efficiency 24199
Ramanujam, P., Hoffmeister, R., Kresco, D., Park, B.M. Different methods of PO analysis in a dual reflector antenna with a shaped main reflector 34235
Ramanujam, P., Keith, A.R., Clark, R.T. Technique for equalizing the radiation pattern of two offset shaped reflectors on a satellite 34233
Ramanujam, P.S. *see* Holme, N.C.R. 44758
Ramasamy, P. *see* Ravi, G. 13248
Ramasamy, S. *see* Yu, D.C. 8956
Ramassh, T. *see* Olsen, B.T. 16442
Ramasubrahmanyan, A. *see* Rao, S.S. 1619
Ramasubramaniam, R. *see* Wybourne, M.N. 32466
Ramasubramanian, M., Popov, B.N., Popova, S.N., White, R.E., Yin, K.-M. Anomalous codeposition of Fe-Ni alloys and Fe-Ni-SiO_2 composites under potentiostatic conditions experimental study and mathematical model 30853
Ramaswami, R. *see* Aggarwal, A. 46568
Ramaswami, R. *see* Udren, E.A. 38417
Ramaswami, R. *see* Udren, E.A. 38418
Ramaswami, S. Multimedia VSATs in enterprise Intranets 26345
Ramaswami, S. *see* Dixit, G.A. 42665
Ramaswami, V., Wang, J.L. A discrete time queueing analysis of ATM systems with phase-type distributed talk spurts traffic sources 5829
Ramaswamy, A., Mikhael, W.B. A multiple transform based scheme for still color image compression 4981
Ramaswamy, A., Mikhael, W.B. Multitransform applications for representing 3-D spatial and spatio-temporal signals 15507
Ramaswamy, G. *see* Ventrice, C.A., Jr. 2248
Ramaswamy, G.N., Evrard, C., Verghese, G.C., Fillatre, O., Lesieutre, B.C. Extensions, simplifications, and tests of synchronic modal equivalencing (SME) 60220
Ramaswamy, N., Iyer, R.A. Planning and designing of hydro power complex for Sardar Sarovar (Narmada) project 60578
Ramaswamy, R., Tavlykaev, R. Applications of domain inversion in advanced integrated-optic components 55289
Ramaswamy, R.V. *see* Hussell, C.P. 55275
Ramaswamy, R.V. *see* Maring, D.B. 44022
Ramaswamy, R.V. *see* Samson, S.A. 23578
Ramaswamy, R.V. *see* Wang, W. 55308
Ramaswamy, S., Duvvury, C., Amerasekera, A., Reddy, V., Kang, S.M. EOS/ESD analysis of high-density logic chips 21598
Ramaswamy, S., Erhong Li, Rosenbaum, E., Sung-Mo Kang Circuit-level simulation of CDM-ESD and EOS in submicron MOS devices 22833
Ramaswamy, S. *see* Amerasekera, A. 43084
Ramaswamy, S. *see* Duvvury, C. 2655
Ramaswamy, S. *see* Gburzynski, P. 46621
Ramaswamy, S. *see* Jayaraman, A. 28615
Ramaswamy, S. *see* Raha, P. 32414
Ramaswamy, V.N., Namuduri, K.R., Ranganathan, N. Lossless image compression using wavelet decomposition 5661
Ramaswamy, V.N., Namuduri, K.R., Ranganathan, N. Lossless image coding using wavelets and variable block size segmentation 35362
Ramazza, P.L., Boccaletti, S., Arecchi, F.T. Transport induced patterns in an optical system with focussing nonlinearity 44640
Ramazza, P.L., Boccaletti, S., Giaquinta, A., Pampaloni, E., Soria, S., Arecchi, F.T. Optical pattern selection by a lateral wave-front shift 13715
Ramazza, P.L. *see* Arecchi, F.T. 55875
Rambaldi, P. *see* Yu, J. 3737
Rambaut, C., Jobic, H., Jaffrezik, H., Kohanoff, J., Fayeulle, S. Molecular dynamics simulation of trapping/detrapping mechanisms in α-Al_2O_3 and MgO lattice 23205
Rambech, J.S. *see* Hjelme, D.R. 36600
Rambech, J.S. *see* Hjelme, D.R. 51737
Ramberg, G.B. *see* Vistnes, A.I. 49809
Rambold, K. Power distribution for telecommunication systems 51305
Ramchandran, K. *see* Crouse, M. 25642
Ramchandran, K. *see* Crouse, M. 35329
Ramchandran, K. *see* Kozintsev, I. 24659
Ramchandran, K. *see* LoPresto, S.M. 57363
Ramchandran, K. *see* Moulin, P. 57250
Ramchandran, K. *see* Rajagopalan, R. 15976
Ramchandran, K. *see* Xiong, Z. 35250
Ramchandran, K. *see* Xiong, Z. 35331
Ramchandran, K. *see* Xiong, Z. 56617
Ramchandran, K. *see* Xiong, Z. 57348
Ramchandran, K. *see* Xuguang Yang 57277
Ramchandran, K. *see* Yang, X. 56883
Ramchandran, K. *see* Youngjun Yoo 24657
Ramchandran, K. *see* Zixiang Xiong 34780
Ramchandran, K. *see* Zixiang Xiong 56794
Ramchandran, K. *see* Zixiang Xiong 57179
Ramchandran, R. *see* Gopal, S. 44065
Ramdane, A., Delprat, D., Devaux, F., Mathoorasing, D., Nakajima, H., Ougazzaden, A., Landreau, J., Gloukhian, A. Integrated MQW laser-modulator with 36 GHz bandwidth and negative chirp 26813
Ramdane, A., Devaux, F., Souli, N., Delprat, D., Ougazzaden, A. Monolithic integration of multiple-quantum-well lasers and modulators for high-speed transmission 44488
Ramdane, A. *see* Delprat, D. 3810
Ramdane, A. *see* Delprat, D. 23944
Ramdane, A. *see* Sigogne, D. 14157
Ramdane, A. *see* Silvestre, L. 52645
Ramdane, A. *see* Zimmermann, G. 52646
Ramecourt, D. *see* Douay, M. 24268
Ramecourt, D. *see* Xie, W.X. 24284
Rameix, A. *see* Shepherd, D.P. 33453
Ramel, L. *see* Chelouche, N. 26130
Ramella, G. *see* Arcelli, C. 15854
Ramella, G. *see* Borgefors, G. 35308
Ramenah, H., Bertrand, P., Soubari, E.H., Meyrueis, P. Quasi-Fourier transform hologram format for data storage 13563
Ramer, J. *see* Zhang, L. 12785
Ramer, J. *see* Zolper, J.C. 12674
Ramer, J.C., Zheng, I., Kranenberg, C.F., Banas, M., Hersee, S.D. A study of the effect of growth rate and annealing on GaN buffer layers on sapphire 21275
Ramer, J.C. *see* Lester, L.F. 2226
Ramesh, P. *see* Fan Shi 43356
Ramesh, P.Paul *see* Paul Ramesh, P.
Ramesh, R., Chennakeshu, S., Hassan, A.A., Anderson, J.B. Spectrum shaping for land mobile radio systems 36025
Ramesh, S., Rosenberg, C., Kumar, A. Revenue maximization in ATM networks using the CLP capability and buffer priority management 25871
Ramesh, V., Haralock, R.M. Random perturbation models for boundary extraction sequence 46324
Ramesh, V.C. *see* Ghosh, K. 38247
Ramesh Babu, B. *see* Periasamy, P. 29530
Ramesh Babu, B. *see* Periasmy, P. 29570
Ramesham, R., Pehrsson, P.E., Smith, T.I., Rose, M.F. Synthetic single-crystal, homoepitaxially grown, CVD diamond capacitor 53707
Ramesham, R., Rose, M.F. Electrochemical characterization of doped and undoped CVD diamond deposited by microwave plasma 40603
Ramesham, R., Rose, M.F., Askew, R.F. Growth of chemical vapour deposition diamond on large molybdenum cylinders for crossed-field amplifier applications 10918
Ramesohl, I. *see* Henneberger, G. 29857
Ramesohl, I. *see* Henneberger, G. 51817
Ramezani, E., Spahn, E., Bruderer, G. A novel high current rate SCR for pulse power applications 51406
Ramgopal Rao, V., Eisele, I., Patrikar, R.M., Sharma, D.K., Vasi, J., Grabolla, T. High-field stressing of LPCVD gate oxides 32089
Ramirez, A. *see* Rejon, V. 40407
Ramirez, A.J. *see* Gamero, L.G. 37783
Ramirez, A.S.Perez *see* Perez Ramirez, A.S.
Ramirez, C. *see* Lei, K.-S. 41665
Ramirez, F., Cota, E., Ulloa, S.E. Coulomb effects in artificial molecules 31987
Ramirez, J. *see* Gonzalez, B. 1847
Ramirez, J.A., Freeman, E.M., Chat-uthai, C., Lowther, D.A. Sensitivity analysis for the automatic shape design of electromagnetic devices in 3D using FEM 44989
Ramirez, J.A., Freeman, E.M., Chat-Uthai, C., Vasconcelos, J.A. Shape design optimization of power frequency electromagnetic devices using numerical methods 44970
Ramirez, J.G., Cantell, B. An analysis of a semiconductor experiment using yield and spatial information 52175
Ramirez, J.J. The role of pulsed power accelerator technology in Science-Based Stockpile Stewardship 51252
Ramirez, J.M., Baez, D., Marcy, W.M., Hagler, M.O., Harmeyer, K.M. Using SIMPLE to support the teaching of signal processing through multimedia tools 20639
Ramirez, J.M. *see* Baez-Lopez, D. 20491
Ramirez, L.M.De *see* De Ramirez, L.M.
Ramirez, M. *see* Garnacho, F. 50672
Ramirez, R., Gonzalez, R., Pareja, R., Chen, Y. Semiconducting property of a wide-band-gap oxide crystal: impact ionization and avalanche breakdown 41992
Ramirez, R. *see* Aboytes, F. 19109
Ramirez, R. *see* Comparetto, G. 36049
Ramirez, R. *see* de Guevara, L.L. 44322
Ramirez, W.F. *see* Skliar, M. 56548
Ramirez, W.J. *see* De Ramirez, L.M. 20487
Ramirez Munoz, D. *see* Garcia Gil, R. 11175
Ramirez-Angulo, J., Gonzalez-Altamirano, G. Low-voltage continuous time filters based on OTAs and Miller integrators 1566
Ramirez-Bon, R. *see* Becerril, M. 42389
Ramirez-Bon, R. *see* Picos-Vega, A. 41917
Ramirez-Piscina, L. *see* Gonzalez-Cinca, R. 30733
Ramirez-Rosado, I.J., Bernal-Agustin, J.L. Genetic algorithms applications to the optimal power distribution systems design 60249
Ramirez-Rosado, I.J., Dominguez-Navarro, J.A. Fuzzy models for optimal planning of electric-energy distribution systems 60250
Ramirez-Rosado, I.J. *see* Garcia-Villares, J.L. 38270
Ramirez-Rosado, I.J. *see* Martin-Del-Brio, B. 38269
Ramirez-Vazquez, Z. *see* Fierro-Chavez, J.L. 8924
Ramjee, R. *see* Veeraraghavan, M. 47596
Ramke, H.-W. *see* Auer, E. 16437
Ramkumar, P.S., Prabu, T., Girimaji, M., Markandeyulu, G. A digital signal pre-processor for pulsar search using Ooty Radio Telescope 7228
Ramlau, R. *see* Maass, P. 8110
Ramluckun, M. *see* Solana, E. 16184
Ramm, J. *see* Tong, Q.-Y. 42516
Ramm, K. *see* Lusse, P. 55243
Ramm, O.T.von *see* von Ramm, O.T.
Ramm, O.von *see* von Ramm, O.
Ramm, P. *see* Kleiner, M.B. 1464
Ramm, P. *see* Kuhn, S.A. 1465
Rammal, M. *see* Besancon, R. 34392
Rammig, F.J. *see* Janzen, N. 11425
Rammig, F.J., Wagner, F.R. *(editors)* Electronic Design Automation Frameworks. Vol.4. Proceedings of the Fourth International IFIP WG 10.5 Working Conference on Electronic Design Automation Frameworks 27
Rammohan, K. *see* Rich, D.H. 54197
Ramo, M.P. *see* Kearney, P.P. 49561
Ramo, M.P. *see* Lange, A. 49560
Ramo, M.P. *see* Nailon, W.H. 8045
Ramos, A.J. *see* Wedding, B. 26830
Ramos, C. *see* Back, D.D. 28570
Ramos, C. *see* Grzyll, L.R. 28492
Ramos, C. *see* Vale, Z.A. 38272
Ramos, C. *see* Yelmo, J.C. 16282
Ramos, J. Sensitivity enhancement in lateral capacitive accelerometers by structure width optimisation 48419
Ramos, J., Crespo, C., Cafballo, E., Burgos, M., De Bias, J.H., Alonso, J.I. Digital DS-spread spectrum receiver with reduced computational cost 6449
Ramos, J., Zoltowski, M.D. Reduced complexity blind 2D RAKE receiver for CDMA 6443
Ramos, J., Zoltowski, M.D. Closed-form 2D angle estimation with arbitrary sampling lattices over a circular aperture 25123
Ramos, J. *see* Alonso, J.I. 26612
Ramos, J. *see* Corsi-Cabrera, M. 59636
Ramos, J. *see* Desthieux, B.M. 6855
Ramos, J. *see* Nouchi, P. 13598
Ramos, J. *see* Zoltowski, M.D. 6662
Ramos, J. *see* Zoltowski, M.D. 26554
Ramos, J.A. *see* Estrela, R. 55792
Ramos, J.C. *see* Villegas, R.J. 38580
Ramos, J.I., Garcia-Lopez, C.M. Piecewise-linearized methods for initial-value problems 40140
Ramos, P.A., Towe, E. Second-order nonlinear polarization and harmonic generation in [111]-oriented III-V heterostructures 4052
Ramos, P.A., Towe, E. Surface-emitted blue light from [112]-oriented (In,Ga)As/GaAs quantum well edge-emitting lasers 14094
Ramos, R.A.V., Milanez, L.F. Analysis of the influence of baffles and shields on the cooling of a digital transmission equipment 256
Ramos, R.L. *see* Petersen, P.M. 14298
Ramos de Campos, J.A. *see* Llopis, R.E. 55793
Ramos Hernandez, D. *see* Garcia Nocetti, D.F. 4737
Ramos-Martos, J. *see* Franco, V. 7189
Ramos-Ortiz, G., Villagran-Muniz, M. Photoacoustic mapping of the amplification region and characterization of a dye laser amplifier 3959
Ramos-Ortiz, G., Villagran-Muniz, M., Ranea-Sandoval, H.F. Photoacoustic testing of gain regions in dye laser amplifiers 3710
Ramos-Romero, O. *see* Ostrovsky, A.S. 35268
Ramovic, R.R. A contribution to the two-dimensional modeling and simulation of thermal phenomena in hybrid integrated circuits 1841
Ramovich, R. *see* Shashich, R. 42999
Rampa, V., Spagnolini, U. Multi-layer detection/tracking for monostatic ground penetrating radar 6964
Rampal, S., Reeves, D.S., Agrawal, D.P. End-to-end guaranteed QoS with statistical multiplexing for ATM networks 6267
Rampersad, H.K. Integrated and assembly oriented product design 10006
Rampini, A. *see* Binaghi, E. 50012
Rampini, A. *see* Binaghi, E. *(editor)* 51967
Rampino, G. *see* Batignani, G. 7811
Rampino, G. *see* Batignani, G. 59329
Rampone, T., Sharaiha, A., Li, H.W. Two-section semiconductor laser amplifier used as a photodetector with DC component consideration 58300
Ramponi, G., Moloney, C. Smoothing speckled images using an adaptive rational operator 46208
Ramponi, G., Strobel, N., Mitra, S.K., Yu, T.-H. Nonlinear unsharp masking methods for image contrast enhancement 5247
Ramponi, G. *see* Russo, F. 57474
Ramprashad, S.A., Parks, T.W. General cone classes for signal modeling and detection 15189
Ramprashad, S.A., Parks, T.W. Intersections of multiple cone classes for signal modeling and detection 25096
Ramprashad, S.A., Parks, T.W. Application of cone detectors to detection of signals in structured interference 45999
Rampton, V.W. *see* Guillon, F. 42092
Rams, J., Olivares, J., Cabrera, J.M. SHG-capabilities of reverse PE-$LiNbO_3$ waveguides 33693

Rams, J., Olivares, J., Cabrera, J.M. High-index proton-exchanged waveguides in Z-cut $LiNbO_3$ with undegraded nonlinear optical coefficients 55278
Rams, J. *see* Cabrera, J.M. 13527
Rams, W. *see* Gonka, J. 9215
Ramsay, B., Soendjoko, Dougherty, T., Ozveren, C.S. A MATLAB-based optimal power flow programme for a power system toolbox 19222
Ramsay, J., Barabesi, A., Preece, J. Informal communication is about sharing objects and media 6277
Ramsbey, M. *see* Haddad, S. 1351
Ramsden, D., Bird, A.J., Palmer, M.J., Durrant, P.T. Gamma-ray imaging systems for the nuclear environment 7845
Ramsden, D. *see* Palmer, M.J. 59366
Ramsden, V.S. *see* Zhu, J.G. 43708
Ramsey, B. *see* Bolotnikov, A. 36939
Ramsey, B. *see* Bolotnikov, A. 59295
Ramsey, B.D., Apple, J.A., Austin, R.A., Dietz, K.L., Minamitani, T., Kolodziejczak, J.J., Weisskopf, M.C. A large-area microstrip-gas-counter for X-ray astronomy 37286
Ramsey, B.D., Peskov, V., Kolodziejczak, J.J. A study of factors limiting the maximum gain in microstrip gas counters 59264
Ramsey, B.D. *see* Gunji, S. 59358
Ramsey, B.J. *see* Shepherd, P.R. 41501
Ramsey, C. *see* Deley, M. 53784
Ramsey, D.A. Full scale substation monitoring: new technologies drive down the costs 19295
Ramsey, G.H. *see* Lawless, P.A. 29930
Ramsey, N.F. *see* Yihong Yang 7992
Ramsey, P.B. *see* Krulevitch, P. 13200
Ramseyer, G.O., Walsh, L.H., Beasock, J.V., Helbig, H.F., Lacoe, R.C., Brown, S. Copper diffusion into aluminum-silicon metallizations by accelerated thermal and electrical stressing 54504
Ramseyer, G.O. *see* Davis, A. 22607
Ramsha Prabhu, T., Vizayakumar, K. Fuzzy hierarchical decision making (FHDM): a methodology for technology choice 10262
Ramstad, T.A. *see* Balasingham, I. 46357
Ramstad, T.A. *see* Balasingham, I. 56797
Ramstad, T.A. *see* Fuldseth, A. 25435
Ramstad, T.A. *see* Fuldseth, A. 46474
Ramstad, T.A. *see* Fuldseth, A. 57021
Ramstad, T.A. *see* Hjorungnes, A. 45642
Ramstad, T.A. *see* Lervik, J.M. 25358
Ramstad, T.A. *see* Lervik, J.M. 50016
Ramsteiner, M., Hey, R., Klann, R., Jahn, U., Gorbunova, I., Ploog, K.H. Influence of composition fluctuations in Al(Ga)As barriers on the exciton localization in thin GaAs quantum wells 42219
Ramsteiner, M., Menniger, J., Brandt, O., Yang, I., Ploog, K.H. Response to "Comment on 'Shallow donors in GaN studied by electronic Raman scattering in resonance with yellow luminescence transitions' " [Appl. Phys. Lett. 70, 909 (1997)] 31830
Ramsteiner, M. *see* Notzel, R. 44662
Ramudhin, A. *see* Chelbi, A. 10205
Ramungul, N., Chow, T.P., Ghezzo, M., Kretchmer, J., Hennessy, W. A fully planarized, 6H-SiC UMOS insulated-gate bipolar transistor 2690
Ramunno, G., Caroli, E., De Cesare, G., Donati, A., Dusi, W., Grassi, D., Chirco, P., Siffert, P., Amann, M., Koebel, J.M. Investigation of the behaviour of a mercuric iodide detector under unusual irradiation conditions 37332
Ramvall, P., Carlsson, N., Omling, P., Samuelson, L., Seifert, W., Wang, Q. Tuning of the single-particle relaxation time of a high mobility electron gas in a $Ga_{0.25}In_{0.75}As/InP$ quantum well 22374
Ramvall, P. *see* Carlsson, N. 40336
Ramvall, P. *see* Qinghong Du 54153
Ran, L. *see* Smith, K.S. 29818
Ran, L. *see* Smith, K.S. 38275
Ran Wang *see* Wang Ran
Rana, A.M. *see* Saleh, H. 42035
Rana, G.La *see* La Rana, G.
Rana, S., Whitley, L.D., Cogswell, R. Searching in the presence of noise 10321
Ranade, M. *see* Gore, J.C. 18587
Ranade, R. *see* Muller, K.P. 41164
Ranade, S., Shevgaonkar, R.K., Patro, Y.G.K. Prediction of phase noise in a TWT based transmitter for a pulsed Doppler radar 48123
Ranade, S.R. *see* Hangirgekar, S.G. 49945
Ranaweera, D.K., Karady, G.G., Farmer, R.G. Effect of probabilistic inputs on neural network-based electric load forecasting 8841
Ranby, B. *see* Jonsson, J. 32748
Rancoita, P.G. *see* Baschirotto, A. 32565
Rancoita, P.G. *see* Croitoru, N. 59247
Rand, D.A.J. *see* Apateanu, L. 29556
Rand, J.A. *see* Ford, D.H. 39014
Rand, J.A. *see* Ingram, A.E. 39208
Rand, S. *see* Struble, W. 40929
Rand, S.C. *see* Shu, Q. 24255
Randa, J. *see* Johnk, R. 45247
Randaccio, P. *see* Bertolucci, E. 37628
Randall, B.A. *see* Gilbert, B.K. 31657
Randall, C.A. *see* Elissalde, C. 55007
Randall, D. *see* Madras, N. 419
Randall, G. *see* Atia, M. 17282
Randall, J.L. *see* Harries, J.R. 38355
Randall, J.L. *see* Harries, J.R. 38429
Randall, J.N., Broekaert, T.P.E., Smith, B.D., Beamlll, E.A., Seabaugh, A.C., Jovanovic, D. Fabrication of lateral resonant tunneling devices with heterostructure barriers 22896
Randall, J.N., Goldsmith, C., Denniston, D., Tsen-Hwang Lin Fabrication of micromechanical switches for routing radio frequency signals 23026
Randall, J.N. *see* Wolfe, J.C. 22711
Randall, M.A., Dillistone, M.J. An assessment of the reliability and maintenance requirements of a reactor protection system 19488
Randall, P.A. PROMISE–a PeRsOnal Mobile traveller and traffic Information SErvice 47615
Randall, R.E. *see* Ellis, M.S. 39959
Randall, S. *see* Mahn, J. 29279
Randazzese, L.P. Exploring university-industry technology transfer of CAD technology 110
Randazzo, N., Russo, G.V., Presti, D.L., Panebianco, S., Petta, C., Reito, S. A four-channel, low-power CMOS charge preamplifier for silicon detectors with medium value of capacitance 37511
Randazzo, N. *see* Russo, G.V. 7196
Randazzo, N. *see* Russo, G.V. 18137
Randell, C., McShane, B., Robinson, R. Newfoundland–499 years of ocean industry development: opportunities for collaboration 38101
Rander, P.W., Narayanan, P.J., Kanade, T. Recovery of dynamic scene structure from multiple image sequences 25486
Randez, L. *see* Calvo, M. 10524
Randhar, A. *see* Shi, J. 53214
Randklev, P.C. *see* Yuan Guo 41690
Randolf, G., Frais-Kolbl, H., Hauser, H. Dielectric energy storage by prepolarized, polymer embedded ferroelectric particles 39257
Randolph, A.T.L. *see* Dusseau, L. 42981
Randoshkin, V.V. Impulsive remagnetization of films of ferrite-garnets. I. Uniform magnetic field 40739
Randoux, S. *see* Lecoeuche, V. 23816
Randoux, S. *see* Zemmouri, J. 23776
Ranea-Sandoval, H.F. *see* Ramos-Ortiz, G. 3710
Raneri, G. *see* Pignatta, R. 47806
Raney, R.K. A down-looking satellite SAR with on-board real-rate processing: The delay/Doppler radar altimeter 16927
Raney, R.K. *see* Jensen, J.R. 8399
Ranfagni, A., Mugnai, D. Anomalous pulse delay in microwave propagation: a case of superluminal behaviour 24471
Ranft, U. *see* Bleck, J.S. 18270
Rang, T. *see* Ajaots, M. 9881
Ranga, A.Sri *see* Sri Ranga, A.
Rangacharyulu, C. *see* Alt, H. 3303
Rangaiah, S.V.Pandu *see* Pandu Rangaiah, S.V.
Rangan, K.P. *see* Bao, X. 22064
Rangan, K.P. *see* Raj, R.B. 52266
Rangan, S. *see* Krishnan, S. 43031
Rangan, V., Helmicki, A.J., Nebrigic, D.D., Melvin, D.B., Glos, D. Non-linear robust control of a series resonant DC/DC converter for bio-medical applications 8144
Ranganathan, N., Bhavanishankar, N., Vijaykrishnan, N. A dynamic frequency linear array processor for image processing 11467
Ranganathan, N., Chandra, R. A linear systolic algorithm and architecture for convex bipartite matching 21570
Ranganathan, N., Vijaykrishnan, N., Bhavanishankar, N. A VLSI array architecture with dynamic frequency clocking 5187
Ranganathan, N. *see* Aruru, S.B. 2815
Ranganathan, N. *see* Aruru, S.B. 11466
Ranganathan, N. *see* Kovac, M. 41234
Ranganathan, N. *see* Namuduri, K.R. 5660
Ranganathan, N. *see* Ramaswamy, V.N. 5661
Ranganathan, N. *see* Ramaswamy, V.N. 35362
Ranganathan, N. *see* Rasquinha, A. 53318
Ranganathan, N. *see* Vijaykrishnan, N. 53345
Ranganathan, R. *see* Lee, X.Y. 38995
Ranganathan, R. *see* Usher, M. 2153
Ranganathan, V. Electricity privatization revisited. A commentary on the case for new initiatives in India 8789
Rangarajan, A., Mjolsness, E.D. A Lagrangian relaxation network for graph matching 452
Rangarajan, A. *see* Gold, S. 52488
Rangarajan, A. *see* Pappu, S. 57047
Rangarajan, K. *see* Thirusangu, K. 10313
Rangarajan, L.M., Mahadevan, S., Ramamurthi, S.S. High voltage electron gun for linacs 37165
Rangarao, K.V. *see* Soderstrand, M.A. 34121
Rangasayee, K. Using CPLDS for efficient arithmetic design 21585
Rangayyan, R.M. *see* El-Faramawy, N.M. 18236
Rangayyan, R.M. *see* Krishnan, S. 18234
Rangayyan, R.M. *see* Martins, A.C.G. 15499
Rangayyan, R.M. *see* Solaiman, B. 18233
Rangel-Patino, F.E. *see* Reynoso-Hernandez, J.A. 21910
Rangel-Rojo, R., Mohebi, M. Study of the onset of self-pulsing behaviour in an Er-doped fibre laser 55517
Rangel-Rojo, R., Spruce, G., Wherrett, B.S. Measurement of the vibrational relaxation time in metal-phthalocyanine solutions 43892
Rangelow, I.W. *see* Grabiec, P.B. 43397
Rangelow, I.W. *see* Paul, A.K. 42498
Rango, A. *see* Foster, J.L. 18881
Rango, P.De *see* De Rango, P.
Rangra, K.J. *see* Deshmukh, P.R. 22659
Ranieri, I.M., Baldochi, S.L., Santo, A.M.E., Gomes, L., Courrol, L.C., Tarelho, L.V.G., De Rossi, W., Berretta, J.R., Costa, F.E., Nogueira, G.E.C., Wetter, N.U., Zezell, D.M., Vieira, Jr., N.D., Morato, S.P. Growth of $LiYF_4$ crystals doped with holmium, erbium and thulium 10604
Ranjan, P. *see* Rao, C.V.S. 36575
Ranjan, R. *see* Baykal, A. 59633
Ranjan, R. *see* Casaleggio, A. 18417
Ranjan, R.K., Sanghavi, J.V., Brayton, R.K., Sangiovanni-Vincentelli, A. Binary decision diagrams on network of workstations 1054
Ranjbar, A.M. *see* Monsef, H. 60198
Ranke, W. *see* Over, H. 41864
Rankin, I.D., Underwood, I., O'Hara, A., Vass, D.G., Worboys, M.R. Full colour images on a binary spatial light modulator 33160
Rankin, M. *see* Rino, C.L. 50082
Rankin, M. *see* Vieira, A.J.C. 13704
Rankin, M. *see* Yang, C. 3573
Ranky, P. *see* Miller, J.W. 20508
Ranon, P.M., Dajani, I., Kopf, D.C., Alley, T.G., White, W.R., Kester, J.J. Planar geometry thin-film all-optical programmable switch 13753
Ransom, C.J. *see* Colyer, R.E. 18736
Ranta, A.R. *see* Kolotushkin, R.I. 38933
Ranta, P.A., Lappetelainen, A., Zhi-Chun Honkasalo Interference cancellation by joint detection in random frequency hopping TDMA networks 47669
Ranta, P.A. *see* Silventoinen, M.I. 47786
Ranta, R., Jaakkola, H. The importance of electronics in modern cars 20201
Rantala, T.S., Lantto, V. Computational approach for the chemical sensitivity of oxide and sulphide semiconductor surfaces 54104
Rantamaeki, R., Molarius, J., Tilli, M., Tuomi, T. Flow pattern defects in Czochralski-grown silicon crystals 52601
Ranucci, E. *see* Ferrari, V. 58729
Ranucci, G. A synchronous rectifier with complementary commutation 31106
Ranucci, G. The standards for digital cellular telephony 47737
Ranum, M.J. Strategic security for IP networks 5940
Rao, A., Kumaresan, R. PCMA: parametric constant modulus algorithm for demodulating co-channel FM signals 4443
Rao, A., Kumaresan, R. Separation of cochannel signals using the parametric constant modulus algorithm 26474
Rao, A., Miller, D., Rose, K., Gersho, A. A generalized VQ method for combined compression and estimation 24656
Rao, A. *see* Arnold, H. 9078
Rao, A. *see* Holder, D.S. 18458
Rao, A. *see* Holder, D.S. 18459
Rao, A. *see* Kumaresan, R. 14882
Rao, A.K.L. *see* Chabra, O.P. 9180
Rao, A.R. *see* Chou, P.B. 39876
Rao, A.Rama *see* Rama Rao, A.
Rao, A.S.G. *see* Ananthapadmanabha, T. 38341
Rao, A.V., Mansour, S.A., Bement, A.L., Jr. Fabrication of ferroelectric PZT thin film capacitors with indium tin oxide (ITO) electrodes 11779
Rao, A.V. *see* Miller, D. 15975
Rao, A.V.Prasada *see* Prasada Rao, A.V.
Rao, B. *see* Gao, R.X. 43390
Rao, B.D., Gorodnitsky, I.F. Affine scaling transformation based methods for computing low complexity sparse solutions 15401
Rao, B.D. *see* Adler, J.M. 15293
Rao, B.D. *see* Gardner, W.R. 24835
Rao, B.D. *see* Gorodnitsky, I.F. 46182
Rao, B.P. Collaboration in meta-organizations: research issues and challenges 9995
Rao, B.Parvatheeswara *see* Parvatheeswara Rao, B.
Rao, C.Raja *see* Raja Rao, C.
Rao, C.V.S., Shankara Joisa, Y., Hansalia, C.J., Hui, A.K., Paul, P., Ranjan, P. Vacuum photodiode detectors for broadband vacuum ultraviolet detection in the Saha Institute of Nuclear Physics Tokamak 36575
Rao, D.Narayana *see* Narayana Rao, D.
Rao, D.V., Cesareo, R., Gigante, G.E. Production of monoenergetic unpolarised Kα X-ray photons using X-ray tubes: an analysis of the derived intensity ratios and homogeneity of the filters 18161
Rao, D.V., Cesareo, R., Gigante, G.E. Estimation of monochromaticity, solid angle correction and some considerations on secondary target arrangement using X-ray tube 59355
Rao, D.V.G.L.N. *see* Aranda, F.J. 24229
Rao, D.V.G.L.N. *see* Kimball, B.R. 24230
Rao, E.V.K. *see* Chusseau, L. 2021
Rao, E.V.K. *see* Kohl, A. 55751
Rao, E.V.K. *see* Ougazzaden, A. 21232
Rao, E.V.K. *see* Zimmermann, G. 52646
Rao, G., Vaidyanathan, H. Comparison of cell encapsulation technologies for single pressure vessel nickel-hydrogen battery 18720
Rao, G., Vaidyanathan, H., Nakhleh, W. Behavior of a cycled Ni-Cd battery during pulse discharge 61007
Rao, G. *see* Choa, F.S. 13867
Rao, G.M., Krupanidhi, S.B. Electron cyclotron resonance plasma assisted sputter deposition of boron nitride films 30911
Rao, G.M. *see* Jallice, D.E. 18727

Rao, G.M. *see* Keys, D.J. 18681
Rao, G.M. *see* Panwar, N.S. 40655
Rao, G.M. *see* Sullivan, R.M. 18725
Rao, G.M. *see* Vaidyanathan, H. 29564
Rao, H.G., Kellner, A.L., Tsai, J.L., Cruz, J.T., Yu, P.K.L. Performance of an optically transparent TDM statistical multiplexor for scalable, bit-rate-independent networks 6425
Rao, H.G., Kellner, A.L., Tsai, J.T., Cruz, R.L., Yu, P.K.L. Performance of the COD statistical packet multiplexer using optical loss compensation 26766
Rao, H.G. *see* Welstand, R.B. 58350
Rao, J.B.L., Patel, D.P. Voltage controlled ferro-electric lens phased arrays 34458
Rao, J.B.L. *see* Cheston, T.C. 34457
Rao, J.V.Subba *see* Subba Rao, J.V.
Rao, K. A computer vision system to detect 3-D rectangular solids 25456
Rao, K. *see* Karandikar, A. 16063
Rao, K.H. *see* Parvatheeswara Rao, B. 2059
Rao, K.N.Suryanarayana *see* Suryanarayana Rao, K.N.
Rao, K.R. *see* Ananthapadmanabha, T. 38341
Rao, K.R. *see* Ben-Arie, J. 25760
Rao, K.R. *see* de Queiroz, R. 56692
Rao, K.R. *see* de Queiroz, R.L. 15345
Rao, K.R. *see* Huh, Y. 15477
Rao, K.R. *see* Panusopone, K. 5160
Rao, K.R. *see* Panusopone, K. 5334
Rao, K.R. *see* Panusopone, K. 25377
Rao, K.R. *see* Shankar, K.R. 53405
Rao, K.Raghunath *see* Raghunath Rao, K.
Rao, K.S., Moharir, P.S. Self-co-operative ternary pulse-compression sequences 34811
Rao, K.S. *see* Chandrasekaran, A. 40900
Rao, K.Srinivas *see* Srinivas Rao, K.
Rao, K.Srinvas *see* Srinvas Rao, K.
Rao, K.Uma *see* Uma Rao, K.
Rao, K.V. *see* Eui-Hyeon Hwang 40561
Rao, K.V. *see* Kim, K.S. 3041
Rao, K.V. *see* Varga, L.K. 23294
Rao, L.M. *see* Yusuf, S.M. 18142
Rao, M. *see* Anderson, J.M.M. 28204
Rao, M. *see* Anderson, J.M.M. 49543
Rao, M. *see* Hooke, C.J. 22005
Rao, M.N.V., Sita, D. Scene matching with radar images 6943
Rao, M.P.Srinivasa *see* Srinivasa Rao, M.P.
Rao, M.S.R., Pinto, R., Apte, P.R., Mohanan, P., Nair, K.G. Fabrication of $YBa_2Cu_3O_{7-\Delta}$ thin film low pass filter 1557
Rao, M.S.R. *see* George, J. 1556
Rao, M.V., Papanicolaou, N.A., Caneau, C.C. Effect of transition metal implantation on the characteristics of $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As$ metal-semiconductor-metal detectors 27555
Rao, M.V., Stacey, W., Dietrich, H.B. Characteristics of fully implanted GaAs vertical PIN diodes 22756
Rao, M.V. *see* Edwards, A. 54368
Rao, M.V. *see* Gardner, J.A. 54330
Rao, M.V. *see* Sivasubramanian, V. 2876
Rao, N. *see* Parsi, K. 3208
Rao, N. *see* Whitehead, A.H. 29567
Rao, N.K. *see* Garverick, S.L. 27475
Rao, N.Srinivas *see* Srinivas Rao, N.
Rao, N.S.V. Distributed decision fusion using empirical estimation 24969
Rao, P. A robust method for the estimation of formant frequency modulation in speech signals 14988
Rao, P.M., Uma Devi, G., Jain, P.K. Design of multifunction digital data demodulator and bit synchronizer for remote sensing satellite data reception 47860
Rao, P.Mohan *see* Mohan Rao, P.
Rao, P.R., Ethiraj, R. On development aspects of waveguide bends and mini-loads at Ku- and Ka-bands 1691
Rao, P.R.S., Remashan, K., Suryaprasad, K.R., Bhat, K.N., Chari, K.S. Optimization of PECVD silicon oxynitride for silicon MIS devices with low interface state density 22454
Rao, P.R.S. *see* Chatterjee, S. 42388
Rao, P.R.S. *see* Devnath, V. 32090
Rao, P.S. *see* Chandrasekaran, A. 40900
Rao, P.S.N., Ramakrishana, D.S., Parthasarathy, K. An algorithm for relocation of distribution transformers 29367
Rao, P.S.Nagendra *see* Nagendra Rao, P.S.
Rao, P.V.S., Raveendran, R. Training algorithms for a predictive classifier 15068
Rao, P.V.S. *see* Krishnan, S. 14958
Rao, P.V.S.Rama *see* Rama Rao, P.V.S.
Rao, R. *see* Ben-Arie, J. 5137
Rao, R. *see* Chen, T. 47331
Rao, R. *see* Slutsky, B. 4480
Rao, R.A. *see* Gan, Q. 40447
Rao, R.A. *see* McDaniel, E.B. 43762
Rao, R.K. *see* Nandy, D. 25410
Rao, R.K. *see* Wang, Z. 5345
Rao, R.R., Tsuhan Chen Cross-modal prediction in audio-visual communication 25383
Rao, R.R. *see* Dierrich, P. 16022
Rao, R.R. *see* Kellner, A.L. 6426
Rao, R.R. *see* Zorzi, M. 5840
Rao, R.R. *see* Zorzi, M. 45614
Rao, S., Strojwas, A.J., Lehoczky, J.P., Schervish, M.J. Monitoring multistage integrated circuit fabrication processes 2776
Rao, S. *see* De Sousa, P. 26853
Rao, S. *see* Deletage, J.-Y. 30264
Rao, S. *see* Greenberg, M.J. 57735
Rao, S. *see* Maillot, D. 26038
Rao, S. *see* Raffali-Schreinemachers, M. 26031
Rao, S., Uose, H., Luetchford, J.C. *(editors)* Global Information Infrastructure (GII) Evolution. Interworking Issues 20414
Rao, S.B. *see* Cox, I.J. 5414
Rao, S.C. *see* Cuzner, R.M. 29287
Rao, S.J., Jain, P.K., Basu, B.N. Broadbanding of a gyro-TWT by dielectric-loading through dispersion shaping 12106
Rao, S.J., Jain, P.K., Basu, B.N. Effects of circuit loss and space charge in gyro-travelling-wave tubes 22180
Rao, S.J., Jain, P.K., Basu, B.N. Amplification in gyro-travelling-wave tubes–dispersion relation and gain-bandwidth characteristics 22182
Rao, S.K. Comments on "True proportional navigation with maneuvering target" 28717
Rao, S.K. Comments on "Reducing geometric dilution of precision using ridge regression" 34722
Rao, S.M. *see* Adve, R.S. 24440
Rao, S.M. *see* Gothard, G.K. 56001
Rao, S.M. *see* Uckun, S. 56145
Rao, S.M. *see* Wentworth, S.M. 56164
Rao, S.S., Howard, S.P. Correlation performance of chaotic signals in spread spectrum systems 47569
Rao, S.S., Ramasubrahmanyan, A. Evolving IIR approximants for FIR digital filters 1619
Rao, S.S., Yoon, S.H., Shenoy, D. Multiwavelet transform-based image compression techniques 25686
Rao, S.S. *see* Christopher, S. 4340
Rao, S.S. *see* Konezny, M.D. 4795
Rao, S.S. *see* Krishnamurthy, N. 59667
Rao, S.S.S.P. *see* Maheshwari, R. 53429
Rao, S.T., Ladhar, H. Development of a robust outer lead bonding process for chip on tape packages 52246
Rao, T.C.K. *see* Bacon, D. 56089
Rao, T.K.Gundu *see* Gundu Rao, T.K.
Rao, T.N., Bahadur, L. Photoelectrochemical studies on dye-sensitized particulate ZnO thin-film photoelectrodes in nonaqueous media 51602
Rao, T.Subra *see* Subra Rao, T.
Rao, V. *see* Gravrok, R.J. 303
Rao, V.B. *see* Glass, C.J. 1383
Rao, V.M., Nowrouzian, B. Novel high-speed bit-parallel multiply-accumulate arithmetic architecture 21702
Rao, V.Ramgopal *see* Ramgopal Rao, V.
Rao, X.-L. *see* Kobayashi, K. 3047
Rao, Y.J., Jackson, D.A. Long-distance fibre-optic white light sensing system with synthetic sources 36604
Rao, Y.J., Lobo Ribeiro, A.B., Jackson, D.A., Zhang, L., Bennion, I. In-fiber grating sensing network with a combined SDM, TDM, and WDM topology 17417
Rao, Y.J., Lobo Ribeiro, A.B., Jackson, D.A., Zhang, L., Bennion, I. Simultaneously spatial-, time- and wavelength-division-multiplexed in-fibre Bragg grating sensor network 48571
Rao Ashok *see* Ashok Rao
Rao Chuanxia *see* Chuanxia Rao
Rao Govind *see* Govind Rao
Rao Lan *see* Lan Rao
Rao Mingzhong *see* Huang Jian 44946
Rao Roberto *see* Roberto Rao
Rao Yun-Jiang *see* Yun-Jiang Rao
Rao Yusheng *see* Yusheng Rao
Raonic, D. Modeling of medium voltage smart motor controllers (MV SMC) in PSPICE 19687
Raoof, K. *see* Aleman-Nieto, A. 9218
Raoof, K. *see* Bensadoun, Y. 59652
Raouf, S.S., Said, R.K., Al-Naima, F.M. A new digital phase tracking loop for satellite ranging 6690
Raoul, F. *see* Louvion, J.-R. 25875
Raoult, F., Pichon, L., Mourgues, K., Pinel, J., Bonaud, O., Lhermite, H. Realization in clean room and electrical characterization of MOSFETs with different gate insulation processes 9913
Raoult, F. *see* Loheac, J.-L. 1281
Rapakoulias, D.E. *see* Spiliopoulos, N. 40585
Raparelli, T. *see* Belforte, G. 27508
Raparia, D., Alessi, J.G., Kponou, A. Comparisons between modeling and measured performance of the BNL Linac 49197
Raparia, D. *see* Alessi, J.G. 49196
Raparia, D. *see* Kponou, A. 49195
Rapatzikos, A.J. *see* Koukourlis, C.S. 27135
Raphael, C. *see* LaPre, C. 25395
Raphaeli, D. Iterative cochannel interference cancellation in synchronous CDMA on a frequency selective channel 46667
Raphan, T. *see* Yongqing Xiang 46009
Rapka, J.R. *see* Hildenbrand, D.J. 24399
Rapoport, J.L. *see* Rajapakse, J.C. 49545
Rapoport, J.L. *see* Rajapakse, J.C. 59408
Rapoport, R. *see* Norwood, R.A. 3390
Raposio, E., DiSomma, C., Fato, M., Sobel, I., Beltrame, F., Santi, P. Computer generated 3-D models of osteomyocutaneous flaps for maxillofacial defects repair 37847
Raposio, E. *see* DiSomma, C. 37848
Rapp, C. Combination of a new semianalytic line code and a convolutional FEC code for free space optical communications 6802
Rapp, R. *see* Hoffmann, W. 27963
Rapp, R.H., Changyou Zhang, Yuchan Yi Analysis of dynamic ocean topography using TOPEX data and orthonormal functions 18902
Rappaport, C.M., Reidy, D.M. Focused array radar for real time imaging and detection 8671
Rappaport, C.M., Weedon, W.H. Efficient modeling of electromagnetic characteristics of soil for FDTD ground penetrating radar simulation 36244
Rappaport, C.M. *see* Lorenzo, M.E. 34236
Rappaport, C.M. *see* Weedon, W.H. 6908
Rappaport, C.M. *see* Weedon, W.H. 45015
Rappaport, S.R. *see* Tai-Po Chu 36002
Rappaport, S.S. *see* Hu, L.-R. 47684
Rappaport, T.S., Brickhouse, R.A. A simulation study of urban in-building cellular frequency reuse 47576
Rappaport, T.S., Reed, J.H., Woerner, B.D. Position location using wireless communications on highways of the future 7002
Rappaport, T.S. *see* Bump, G.D. 47765
Rappaport, T.S. *see* Muhamed, R. 45898
Rappaport, T.S. *see* Petrus, P. 47617
Rappaport, T.S. *see* Skidmore, R.R. 47733
Rappaport, T.S. *see* Tranter, W.H. 20523
Rappaz, J., Sanchez Hubert, J., Sanchez Palencia, E., Vassiliev, D. On spectral pollution in the finite element approximation of thin elastic "membrane" shells 30677
Rappaz, J., Swierkosz, M. Boundary-element method yields external vector potentials in complex industrial applications 51842
Rappaz, J. *see* Chaboudez, C. 39426
Rappelsberger, P. *see* Filz, O. 59693
Rappelsberger, P. *see* Magdolen, J. 59701
Rappelsberger, P. *see* Schack, B. 59623
Rappelsberger, P. *see* Trenker, E. 59695
Rappelsberger, P. *see* Trenker, E. 59696
Rappich, J., Timoshenko, V.Yu., Dittrich, T. In situ monitoring of electrochemical processes at the (100)p-Si/aqueous NH_4F electrolyte interface by photoluminescence 42346
Rappoport, A. *see* Ofek, E. 46159
Rappoport, P.N., Taylor, L.D. Toll price elasticities estimated from a sample of US residential telephone bills 57753
Rapport, I.D., Balkcom, G.W., Stirrat, C.R., Wilson, R.L. System-level testing in operational environments 38145
Rapsilber, D. Airborne ISAR processor for ship target imaging 27032
Raptis, A.C. *see* Gopalsami, N. 50216
Raptis, I. *see* Glezos, N. 32283
Raptis, I. *see* Patsis, G. 42832
Rapuano, J.C. Advanced Treating System process for the manufacture of solventless prepregs 1794
Rapuano, J.C. Advanced Treating System process for the manufacture of solventless prepregs 31620
Raquet, B. *see* Postava, K. 32801
Raquet, J., Lachapelle, G., Qiu, W., Pelletier, C., Nash, C.T., Snodgrass, F.B., Fenton, P., Holden, T. Development and testing of a mobile pseudolite concept for precise positioning 18747
Raquet, S. *see* Vozza, D. 59210
Rarick, M.J., Lawrence, B. Digitally recorded data reduction on a PC using CAPS 8267
Rarlik, R. *see* Nawak, M. 51334
Rasanen, J.T. *see* Savolainen, M. 24288
Rasch, A. *see* Gehler, J. 44015
Rasch, A. *see* Rottschalk, M. 33099
Rascher, K. *see* Hacklander, T. 7883
Raschhofer, R. *see* Dettmar, U. 14808
Rascoe, D. *see* Hemmati, H. 6790
Rasera, R.L., Bernstein, J.B. Laser linking of metal interconnect: linking dynamics and failure analysis 12820
Rash, C.E., Harding, T.H., Beasley, H.H., Martin, J.S. A characterization of IHADSS performance 18636
Rash, C.E. *see* Girolamo, H.J. 58912
Rashad, E.E.M., Abdel Karim, M.E., Desouky, Y.G. Theory and analysis of three-phase series-connected parametric motors 19690
Rashed, M. *see* Jallepalli, S. 41820
Rashed-Mohassel, J., Fasih, M. Solution of Laplace's equation using multiple paths method (MPM) 24333
Rashedi, H. *see* Namuduri, K.R. 5660
Rashevsky, A. New developments on silicon drift detectors 7806
Rashevsky, A. *see* Arfelli, F. 49329
Rashevsky, A. *see* Arfelli, F. 59555
Rashid, H., Smith, D.A., Chakravarthy, R.S., Agboatwalla, A.M., Patil, A.A., Bao, Z., Inman, N., Smith, S.W., Baran, J.E., Jackel, J.L., Kallman, J. An acousto-optic switch with a near rectangular passband for WDM systems 26932
Rashid, M.H., Al-Biyat, S.A. Power electronics laboratory using PSpice 20543
Rashid, M.M. *see* Frear, D.R. 30242
Rashid-Farrokhi, F., Liu, K.J.R., Berenstein, C.A. Local tomography in fan-beam geometry using wavelets 59520
Rashkes, V. *see* Kane, C. 60674
Rashkin, B. *see* Klein, J. 28577
Rashkin, R.M. *see* Scheidker, E.J. 28576
Rashkovan, V.M. *see* Pignasty, O.M. 49100
Rashwan, M. *see* Farouk, H. 35263
Rasigni, G. *see* Viton, J.-L. 28102
Rasigni, M. *see* Viton, J.-L. 28102

Rasing, T. Nonlinear optics of thin magnetic films 33696
Rasing, Th. *see* Anema, A. 44733
Rasinkoski, A.O.A. *see* Spiers, D.J. 60586
Raskatti, B. *see* Robertson, T. 14959
Raskin, C. Fuzzy logic and high performance motion control 60659
Raskin, G. *see* Schwartz, D.B. 23710
Raskin, G. *see* Schwartz, D.B. 58390
Raskin, J.P., Gillon, R., Vanhoenacker, D., Colinge, J.P. Direct extraction method of SOI MOSFET transistors parameters 42985
Raskin, J.P., Huynen, I., Gillon, R., Vanhoenacker, D., Colinge, J.P. An efficient design tool for transmission line on SIMOX substrates 11745
Raskin, J.P. *see* Colinge, J.P. 21918
Raskopin, A.M. *see* Andreev, V.A. 37025
Raskopin, A.M. *see* Kolomiets, A.A. 49028
Raskopin, A.M. *see* Kolomiets, A.A. 49028
Raskopin, A.M. *see* Lazarev, N.V. 49036
Raskutti, B., Beitz, A. Acquiring user preferences for information filtering in interactive multi-media services 16398
Rasmuson, D.M. *see* Johnson, J.W. 9062
Rasmussen, A. *see* Yamashita, A. 59364
Rasmussen, B., Whetton, C. Hazard identification based on plant functional modelling 39684
Rasmussen, B. *see* Padalko, L. 19250
Rasmussen, C.B. *see* Andersen, H.R. 61350
Rasmussen, C.J. *see* Jorgensen, B.F. 26729
Rasmussen, H., Knudsen, M., Tonnes, M. Parameter estimation of inverter and motor model at standstill using measured currents only 9244
Rasmussen, H., Tonnes, M., Knudsen, M. Inverter and motor model adaptation at stand-still using reference voltages and measured currents 51694
Rasmussen, H. *see* Hansen, R.B. 51004
Rasmussen, J. *see* Moray, N. 60484
Rasmussen, J.C., Scholl, B., Schmitt, H.J. Reference measurement for fiber optic polarimetric sensors 58816
Rasmussen, J.L., Haupt, R.L., Walker, M.J. RCS feature extraction from simple targets using time-frequency analysis 26993
Rasmussen, J.O. *see* Tauschwitz, A. 59162
Rasmussen, L. *see* McLaughlin, T. 15018
Rasmussen, L.K. *see* Teng Joon Lim 35462
Rasmussen, P.O. *see* Blaabjerg, F. 50952
Rasmussen, S. *see* Dittrich, A. 57732
Rasmussen, S.A.M. *see* Oman, C.M. 59934
Rasmussen, T. *see* Hansen, P.B. 13652
Rasmussen, T. *see* Wijnands, F. 33098
Rasneur, J. *see* Boutbila, M.A. 31898
Raso, G. *see* Celano, L. 18094
Raso, V.J. *see* Durdle, N.G. 49518
Rasoulian, A. *see* Yau, S.S.T. 34841
Raspanti, R., Tsakalides, P., Nikias, C.L., Del Re, E. Cramer-Rao bounds for target angle and Doppler estimation for airborne radar in Cauchy interference 6878
Raspereza, A.V., Govyadinov, A.N., Kurilin, A.S., Kukhnovetc, V.N., Emel'yanchik, I.F., Sidorenko, G.A., Volod'ko, A.G., Zakhvittcevich, C.A. Submicrochannel plate multipliers 41805
Raspopina, E.V. *see* Sermyagin, A.V. 43790
Rasquinha, A., Ranganathan, N. C^{3}L: a chip for connected component labeling 53318
Rasquinha, D. *see* Orlando, J. 47422
Rassaian, M., Beranek, M.W. Quantitative characterization of optical fiber solder bond joints on silicon 244
Rassek, M. *see* Kahn, T. 7927
Rasshcheplyaev, Yu.S., Sokolov, S.V. Synthesis of a multifunctional optical-waveguide computing device 3512
Rassokhina, Y.V. *see* Kryzhanovskii, V.G. 4326
Rassomakhin, S.G., Zlyden, I.V., Khitrov, D.A. Frequency interference effect in the spectrum of parallel composite PFM signals 34497
Rassoul, R.Maleck *see* Maleck Rassoul, R.
Rast, A.M. Transmitters and receivers for fiber optic systems: Low-cost components bring fiber to the home 47988
Rastegaev, V.P. *see* Andreev, A.N. 12677
Rastegaeva, M.G. *see* Andreev, A.N. 12677
Rastegaeva, M.G. *see* Lebedev, A.A. 10680
Rastegar, S. *see* Hao Ying 28200
Rastegar, S. *see* Rink, K. 4176
Rastello, M.L. *see* Premoli, A. 58602
Rastello, T., Vray, D., Delachartre, P., Prost, R. Fourier-based imaging applied to synthetic aperture sonar 49985
Rastgoufard, P. *see* Barcelo, W.R. 50359
Rastgoufard, P. *see* Barcelo, W.R. 60314
Rastgoufard, P. *see* Hassan, S.S. 60205
Rastgoufard, P. *see* Nallan, H.C. 60208
Rastogi, A.C., John, P.K. Effect of Ni-Si disordered layer on the electronic properties of Ni silicide barrier contacts on silicon 42697
Rastogi, A.K., Tiwari, A.K. Attenuation characteristics of coplanar waveguides 56101
Rastogi, P.K. An electronic pattern speckle shearing interferometer for the measurement of surface slope variations of three-dimensional objects 7623
Rastogi, R. *see* Ozden, B. 58554
Rastogi, V. *see* Thyagarajan, K. 4321
Rasul, H. *see* Gordon, L.B. 51082
Rasul, J. *see* Aday, J.G. 6575
Rasul, J. *see* Aday, J.G. 53865
Rasvan, V. Time delay equations and stability for some models of nuclear reactors 60518
Ratajczak, H. *see* Chrzumnicka, K. 23353
Ratakonda, K., Ahuja, N. Segmentation based reversible image compression 56729
Ratan, V. *see* Elnozahy, E.N. 6079
Ratcliff, B. *see* Abe, K. 37234
Rath, C., Sahu, K.K., Mishra, N.C., Das, R.P., Patnaik, K. Intra-granular annealing of disordered sub-particles in hematite grains 55034
Rath, D.L. *see* Acosta, R.E. 38760
Rath, D.L. *see* Ouimet, G. 32223
Rath, G.S. *see* Panda, R. 24918
Rath, J.K., van der Werf, C.H.M., Rubinelli, F.A., Schropp, R.E.I. Development of amorphous silicon based p-i-n solar cell in a superstrate structure with p-microcrystalline silicon as window layer 39141
Rath, J.K. *see* van Cleef, M.W.M. 39198
Rath, W. *see* Kunkel, P. 40208
Ratha, N.K. *see* Jain, A.K. 56704
Rathinam, K. *see* Mohanan, P.V. 8150
Rathinavelu, C., Deng, L. HMM-based speech recognition using state-dependent, linear transforms on Mel-warped DFT features 15114
Rathinavelu, C. *see* Deng, L. 24848
Rathish Kumar, B.V. A parallel frontal solver on the flosolver 21197
Rathke, J., Peacock, M., Sredniawski, J. Thermo-mechanical design of a CW sweep plate emittance scanner 49103
Rathke, J. *see* Melnychuk, S.T. 49111
Rathke, J. *see* Sredniawski, J.J. 49353
Rathke, J.W. *see* Berwald, D.H. 49106
Rathmann, S., Warner, H.A. New generation UPS technology, the delta conversion principle 38850
Rathmell, J.G. *see* Scott, J. 27389
Ratier, B. *see* Trouillas, P. 22202
Ratier, N., Brendel, R., Guillemot, P. Quartz oscillators: deriving oscillation condition by symbolic calculus 32757
Ratkje, S.K. *see* Amezawa, K. 51536
Ratkje, S.K. *see* Melhus, O. 51533
Ratley, R. *see* Walter, S.M. 56408
Ratna, B.R. *see* Qadri, S.B. 41902
Ratnajeevan, S., Hoole, H., Agarwal, K. Optimization algorithms for magnetics and their parallelizability 44974
Ratnakumar, B.V., Timmerman, P., Perrone, D., Di Stefano, S. Performance characteristics of an aerospace nickel hydrogen cell–experimental data and theoretical predictions 18718
Ratnakumar, B.V. *see* Witham, C.K. 61036
Ratnarajah, T. *see* Manikas, A. 45728
Ratner, J., Cafazzo, J.A., Lam, J., Campbell, D., Mohabeer, M.K., Li, R.-K. Extracellular potential measurements of cultured fetal rat cardiomyocytes 59578
Ratner, M. *see* Globus, M. 59266
Rato, L.M. *see* Silva, R.N. 39224
Ratoff, P.N., Chilingarov, A., Sloan, T. The sensitivity of GaAs particle detectors to fast neutrons 28042
Ratschko, D., Zhou, B.G., Knolle, D., Glaeser, M. Experimental study of Ar$^+$ beams extracted from a cold or hot reflex discharge ion source (CHORDIS) 49310
Ratsep, M. *see* Lorgere, I. 3327
Ratsep, M. *see* Sonajalg, H. 55764
Rattaggi, M. *see* Croitoru, N. 59247
Rattan, S., Mital, P.B. A novel multilayered Fresnel zone plate antenna 4370
Rattay, M. *see* Barbier, D. 33109
Rattay, M. *see* Delavaux, J.-M.P. 26874
Ratterree, G.R. *see* Hamilton, J.A., Jr. 26143
Ratti, U. *see* Chianese, A. 29375
Ratz, K. *see* Beringer, J. 37394
Ratzek, W. The use of computer based training: from programmed learning to network education 30061
Ratzinger, U. The new GSI prestripper linac for high current heavy ion beams 37148
Ratzinger, U., Tiede, R. A new matcher type between RFQ and IH-DTL for the GSI high current heavy ion prestripper linac 37118
Ratzinger, U. *see* Barth, W. 37119
Ratzinger, U. *see* Krietenstein, B. 37143
Ratzmann, P. Thermal analysis of the CDF SVX II silicon vertex detector 37361
Ratzmann, P. *see* Antos, J. 37373
Rau, B., Siders, C.W., Le Blanc, S.P., Fisher, D.L., Downer, M.C., Tajima, T. Spectroscopy of short, intense laser pulses due to gas ionization effects 55794
Rau, E.I. *see* Dremova, N.N. 18122
Rau, G., Disselhorst-Klug, C., Silny, J. Noninvasive approach to motor unit characterization: muscle structure, membrane dynamics and neuronal control 59691
Rau, G., Klipstein, P.C., Nicopoulos, V.N., Johnson, N.F., Triebe, W.R. Alternative method for determining the shear deformation potential of the valence band in III-V semiconductor quantum wells 22385
Rau, M., Pfleiderer, H.-J. On-chip adaptive match-termination 2852
Rau, M., Rothermel, A., Pfleiderer, H.-J. Receiver with constant active termination 6486
Rau, R., McClellan, J.H., Drabik, T.J. Efficient approximation of Gaussian filters 34790
Rau, R., McClellan, J.H., Drabik, T.J. Proximity effect correction for nanolithography 54543
Rau, U., Meyer, T., Goldbach, A., Brendel, R., Werner, J.H. Numerical simulation of innovative device structures for silicon thin-film solar cells 39207
Rau, U., Schmitt, M., Hilburger, D., Engelhardt, F., Seifert, O., Parisi, J., Riedl, W., Rimmasch, J., Karg, F. Influence of Na and S incorporation on the electronic transport properties of Cu(In,Ga)Se$_2$ solar cells 39120
Rau, U. *see* Schmitt, M. 39100
Rau, W.-D. *see* Lichte, H. 33742
Rau, W.D. *see* Daberkow, I. 36670
Rau, W.D. *see* Heindl, E. 33743
Rau, Z. *see* Lisowiec, A. 27338
Rau Dar-Chin *see* Dar-Chin Rau
Raubenheimer, T. *see* Decker, F.-J. 37122
Raubenheimer, T.O. SLC status and NLC design and R&D 37028
Raubenheimer, T.O. *see* Assmann, R. 49032
Raubenheimer, T.O. *see* Assmann, R. 49107
Raubenheimer, T.O. *see* Assmann, R. 49108
Raubenheimer, T.O. *see* Breidenbach, M. 37151
Raubenheimer, T.O. *see* Graves, W.S. 49058
Raubenheimer, T.O. *see* Zimmermann, F. 17992
Rauber, C., Tschudin, P., Startchik, S., Pun, T. Archival and retrieval of historical watermark images 57319
Rauber, T., Runger, G. Comparing task and data parallel execution schemes for the DIIRK method 10504
Raubertas, R.F. *see* Fang-Fang Yin 28159
Rauch, C., Strasser, G., Unterrainer, K., Gornik, E., Brill, B. Ballistic electron spectroscopy of vertical superlattice minibands 32018
Rauch, F. *see* Giessler, K.-H. 3408
Rauch, G.C. *see* Jing Gui 32839
Rauch, J.L. *see* Parrot, M. 48197
Rauch, J.S. *see* Kankam, D. 18733
Rauch, O. *see* Kuo, D. 33769
Rauch, S. *see* Su, L. 2793
Rauch, W. *see* Bieser, F. 59307
Raudino, F. Electrophysiological study of peroneal nerve palsy at the fibular head 28332
Raudys, S., Diciunas, V. Expected error of minimum empirical error and maximal margin classifiers 4911
Rauf, F., Ahmed, H.M. Nonlinear adaptive filtering 53395
Raugi, M. Time domain method for the nonlinear steady-state analysis of electromagnetic fields 4199
Raugi, M. *see* Esposito, N. 24425
Raugi, M. *see* Forsman, K. 44871
Raugi, M. *see* Musolino, A. 33885
Rauh, R.D. *see* Cogan, S.F. 55369
Rauhala, E. *see* Ihanus, J. 52706
Rauhala, U.A. *see* Bendett, A.A. 57374
Rauhamaa, J. *see* Iivarinen, J. 10184
Rauhe, H. *see* Banzhaf, W. 53816
Rauhut, H.W. No-postcure epoxy package materials and their performance 10121
Raukas, M., Basun, S., Dennis, W.M., Evans, D.R., Happek, U., van Schaik, W., Yen, W.M. Optical properties of Ce^{3+}-doped Lu_2O_3 and Y_2O_3 single crystals 13823
Raukas, M. *see* Evans, D.R. 13825
Raukas, M. *see* Yen, W.M. 13814
Raul Arias Mendez, C. *see* Krause, S. 57715
Rauly, D. *see* Xavier, P. 58962
Rauner, M. *see* Cruz, F.C. 48336
Rauner, M. *see* Wineland, D.J. 48291
Rausch, E.O., Peterson, A.F. Low cost electronically scanned millimeter wave antenna 45463
Rausch, E.O., Sexton, J., Peterson, A.F. Low cost compact electronically scanned millimeter wave antenna 4356
Rausch, M. *see* Huang, L. 39811
Rausch, W. *see* Assaderaghi, F. 2839
Rausch, W. *see* Thon, L.E. 11576
Rauschenbach, B. *see* Ensinger, W. 10886
Rauschenbach, B. *see* Geier, S. 40430
Rauschenbach, B. *see* Geier, S. 40437
Rauschenbach, B. *see* Lindner, J.K.N. 21333
Rauschenbach, B. *see* Preckwinkel, U. 31755
Rauschenbach, K.A. *see* Hall, K.L. 36150
Rauschenbach, K.A. *see* Patel, N.S. 16703
Rauschenbach, U. *see* Kirste, T. 16256
Rauschenberger, D. *see* Niebauer, M. 19840
Rauscher, C. *see* Laenen, R. 55906
Rauscher, K.F., Rak, D.J. Gray box risk assessment for telecommunications software modifications 6402
Rauss, P.J., Phillips, P.J., Hamilton, M.K., Depersia, A.T. The FERET (FacE REcognition Technology) program 57377
Raut, R. Wideband CMOS transconductor for analog VLSI systems 11557
Rautenbach, B., Lane, I.E. The multi-objective controller: a novel approach to domestic hot water load control 20252
Rautenberg, V., Plag, H.-P., Burns, M., Stedman, G.E., Juttner, H.-U. Tidally induced Sagnac signal in a ring laser 60033
Rauterberg, G. *see* Krawczynski, H. 37287
Rauthenberg, S. *see* Kauff, P. 35191
Rautiainen, K. *see* Hallikainen, M. 8400
Rautiainen, K. *see* Hallikainen, M. 18877
Rautian, S.G. *see* Zhuravlev, F.A. 24140

Rautio, J. EM-analysis error impacts microwave designs 1700
Rauwolf, T.P., Poll, R. Dynamic behaviour of a population of ionic channels in heart tissue 59572
Rava, P. *see* Giorgis, F. 52777
Ravach, G., Teillet, J., Fnidiki, A., Le Breton, J.M., Driouch, L., Hassanain, N. Structural changes in Fe-RE-B amorphous ribbons: a Mossbauer study 3068
Ravaioli, U. *see* Pacelli, A. 54560
Ravaioli, U. *see* Singh, T. 20632
Ravani, B. *see* Lasky, T.A. 58255
Ravaut, F., Stamon, G. Image processing applied to epileptic seizure analysis 5435
Ravazzi, L. *see* Cappelletti, P. 31259
Raveendran, R. *see* Rao, P.V.S. 15068
Raveendranath, U., Mathew, K.T. Cavity perturbation technique for measuring complex permeability and permittivity of ferrite materials 4316
Raveendranath, U. *see* Mathew, S. 4336
Raveh, A. *see* Mosheiov, G. 21053
Raveh, I. *see* Shabtay, G. 46181
Ravelli, F. *see* Porta, A. 49636
Raven, G. *see* Brock, I.C. 37039
Raven, K.M. *see* McEnvoy, H.C. 27365
Ravensbergen, M. *see* Lange, W.R. 7199
Ravet, F., Heens, B., Megret, P., Moeyaert, V., Blondel, M. Erbium doped fibre optogeometrical and equivalent step index parameters determination from transmitted near-field measurements 3373
Ravez, J. *see* Abalhassain, A. 43488
Ravez, J. *see* Benziada, L. 2895
Ravi, G., Arunmozhi, G., Anbukumar, S., Ramasamy, P. Influence of macromolecular additives on the characteristics of triglycine sulphate single crystals 13248
Ravi, K., Pardo, A., Hachtel, G.D., Somenzi, F. Modular verification of multipliers 31246
Ravi, R. *see* Marathe, M.V. 26085
Ravi, S.S. *see* Narasimhan, R. 53104
Ravi, T.V. *see* Chidananda Gowda, K. 472
Ravi Jain, Rajagopalan, S., Li Fung Chang Phone number portability for PCS systems with ATM backbones using distributed dynamic hashing 26518
Ravi Kumar, A.V., Jain, K.K. Diagnostics for pulsed, high power millimeter wave free-electron laser radiation 3910
Ravi Mehrotra *see* Shantilal Das 55110
Ravich, Yu.I. *see* Abaidulina, T.G. 31922
Ravich, Yu.I. *see* Alekseeva, G.T. 12309
Ravich, Yu.I. *see* Nemov, S.A. 42010
Ravich, Yu.I. *see* Vedernikov, M.V. 31736
Ravichandran, D. *see* Erdei, S. 55406
Ravichandran, D. *see* Roy, R. 13822
Ravichandran, D. *see* Yamakawa, K. 32659
Ravichandran, V. *see* Manivel Raja, M. 23295
Ravier, P., Amblard, P.O. Using Malvar wavelets for transient detection 34938
Ravier, P., Amblard, P.O. A transient detector based on Malvar wavelets 45876
Ravikumar, C.P., Aggarwal, R., Sharma, C. A graph-theoretic approach for register file based synthesis 53098
Ravikumar, C.P., Jain, V., Dod, A. Faster fault simulation through distributed computing 53183
Ravikumar, C.P. *see* Abdulla, M.F. 53093
Ravikumar, C.P. *see* Heo, D.-H. 52969
Ravikumar, C.P. *see* Sharma, N. 21458
Ravikumar, S., Repech, A. Now you see it, now you don't (Sonet interoperability) 6827
Ravindra, N.M. *see* Belikov, S. 22500
Ravindra, N.M. *see* Tong, F.M. 44195
Ravindran, K. Local number portability–the IN way 35675
Ravindran, K., Singh, G., Woodside, C.M. Architectural concepts in implementation of end-system protocols for high performance communications 57661
Ravindran, M. *see* Jagadeesh Kumar, V. 50815
Raviraj, V.S.C., Sen, P.C. Comparative study of proportional-integral, sliding mode, and fuzzy logic controllers for power converters 60855
Ravishankar, C.V. *see* Thaler, D.G. 57785
Ravn, H.F. *see* Eriksen, P.B. 28848
Ravo, K.L. The ITE safety standard for North America, a development and maintenance process 45213
Ravon, J.-M., Wuidart, L. Quick charging concept for lithium, NiMH and NiCd batteries 9515
Ravon, J.M., Windart, L. The recharging of batteries: Li-ion, NiMH and Ni-Cd 29433
Ravot, D. *see* Gorska, M. 42042
Ravraki, D. *see* Bourbakis, N.G. 18555
Ravuri, M. *see* Karayiannis, N.B. 14819
Rawal, S. *see* Chmielewski, A.B. 18734
Rawat, B., Minhua Sheng, Saarem, D., Biggs, D. Optical fiber sensor for variable pressure measurement with temperature compensation 58788
Rawat, B. *see* Lukang Yu 53530
Rawat, B.S. *see* Pillers, R.B. 44549
Rawat, V. *see* Grover, W.D. 35421
Rawatt, B. *see* Lukang Yu 56088
Rawlings, D.J. *see* Faulkner, K. 8215
Rawlings, K.C. *see* Starr, A.F. 59880
Rawlings, R.D. *see* Aduda, B.O. 11017
Rawlings, R.D. *see* Kathrina, T. 40702
Rawlings, R.R. *see* Rio, D.E. 25513
Rawlins, A.D. *see* Khattab, T. 58258
Rawlins, J. *see* Pelella, A.R. 1413
Rawlins, M.J. *see* Chan, K.W. 60255
Rawlinson, K.S. *see* Andraka, C.E. 29653
Rawool-Sullivan, M. *see* Koster, J.E. 49336
Rawool-Sullivan, M.W. *see* Morris, C.L. 946
Rawson, R.F. *see* Sheen, D.R. 19021
Rax, B.G., Lee, C.I., Johnston, A.H., Barnes, C.E. Total dose and proton damage in optocouplers 23686
Rax, B.G. *see* Johnston, A.H. 22790
Rax, B.G. *see* Lee, C.I. 22958
Ray, A., Tangirala, S. A nonlinear stochastic model of fatigue crack length for on-line damage sensing 40718
Ray, A. *see* Chen-Kuo Weng 19560
Ray, A. *see* Shen, J.H. 9058
Ray, A. *see* Su, L. 2793
Ray, A. *see* Subbanna, S. 41161
Ray, A.K. *see* Chaddah, P. 35175
Ray, A.K. *see* Hassan, A.K. 42014
Ray, A.K. *see* Holambe, R.S. 46263
Ray, B., Gerber, S.S., Patterson, R.L. Low temperature performance of a full-bridge DC-DC converter 19865
Ray, B. *see* Gerber, S.S. 18683
Ray, B. *see* Torres, F. 11199
Ray, C. Electricity market in England and Wales 38263
Ray, G., Prasad, A.N., Prasad, G.D. Design of a robust load-frequency controller for interconnected power systems based on the singular-value decomposition method 28806
Ray, G.C. *see* Viswanath, G. 8163
Ray, G.D. *see* Durga Prasad, G. 50334
Ray, I. Coalition-proof correlated equilibrium: a definition 10273
Ray, I. Efficiency in correlated equilibrium 21043
Ray, I.L. Robust message integrity for FANS 1 and CNS/ATM 58228
Ray, J.R. Measurements of length of day using the Global Positioning System 18782
Ray, J.W., Jr. *see* Yates, D.W. 20615
Ray, K.G. *see* Betts, G.E. 44077
Ray, K.P., Basu, A.K. Simple voltage controlled p-i-n attenuator 1559
Ray, K.P., Delorey, D.E., Mullen, E.G., Guidice, D.A., Marvin, D.C., Curtis, H.B., Piszczor, M.F. Solar cell degradation observed by the Advanced Photovoltaic and Electronics experiments (APEX) satellite 51610
Ray, K.P., Kumar, G. Multi-frequency and broadband hybrid coupled circular microstrip antennas 45397
Ray, K.P. *see* Guidice, D.A. 18699
Ray, L. *see* Bellwied, R. 59284
Ray, M. *see* Radford, W. 17492
Ray, P., Hawryszkiewycz, I., Fry, M. Group cooperation in network operations and management 5956
Ray, P. *see* Fry, M. 35821
Ray, P.C. *see* Sen, A. 44685
Ray, P.S. *see* Backer, D.C. 48204
Ray, R. *see* Scoville, J. 8691
Ray, S., Desgupta, A., Barua, A.K. Development of p-type microcrystalline silicon-carbon alloy thin film at low power and its application in tunnel junctions [solar cells] 39146
Ray, S., Hazra, S. Preparation of high and low bandgap amorphous silicon by PECVD and their application in solar cell 39135
Ray, S. *see* Hazra, S. 12181
Ray, S. *see* Hazra, S. 42007
Ray, S. *see* Hazra, S. 52783
Ray, S. *see* Saha, S.C. 41997
Ray, S.C., Christensen, P.A., Hamnett, A., Thomas, K.M., Trapp, V. Direct methanol fuel cell cathodes with sulfur and nitrogen-based carbon functionality 19982
Ray, S.K., Hamel, H., Stoller, H. Thin film mesh: a novel approach for noise reduction in high density and high-speed single chip packages 202
Ray, S.K., John, S., Oswal, S., Banerjee, S.K. Novel SiGeC channel heterojunction PMOSFET 43057
Ray, S.K. *see* Bera, L.K. 22549
Ray, S.K. *see* Bera, L.K. 22557
Ray, T. Addressing today's technology with new methods 30131
Ray, T.G., Mann, L., Jr. A heuristic for maintenance budget allocation 52113
Ray, U., Artaki, I., Finley, D.W., Wenger, G.M., Pan, T., Blair, H.D., Nicholson, J.M., Vianco, P.T. Assessment of circuit board surface finishes for electronic assembly with lead-free solders 22060
Ray, U. *see* Vianco, P. 1779
Ray, W.F., Ebrahim, M.T. A novel high speed switched reluctance generator 60705
Ray, W.F. *see* Cardenas, R. 60616
Ray, W.F. *see* Cardenas-Dobson, R. 29189
Ray Lin, K.J. *see* Ye Li 5682
Ray Liu, K.J. *see* Sampath, B. 5683
Ray Liu, K.J. *see* Ye Li 5684
Ray-Chaudhuri, A.K., Krenz, K.D., Nissen, R.P., Haney, S.J., Fields, C.H., Sweatt, W.C., MacDowell, A.A. Initial results from an extreme ultraviolet interferometer operating with a compact laser plasma source 22719
Ray-Chaudhuri, A.K. *see* Descour, M.R. 14451
Ray-Chaudhuri, A.K. *see* Fields, C.H. 22725
Ray-Chaudhuri, A.K. *see* Nguyen, K.B. 32401
Ray-Chaudhuri, D.K. *see* Yu Qing Chen 34553
Ray-Guang Cheng *see* Chung-Ju Chang 5735
Ray-Ming Lin, Shiang-Feng Tang, Si-Chen Lee, Chieh-Hsiung Kuan, Gin-Shiang Chen, Tai-Ping Sun, Jyh-Chiarng Wu Room temperature unpassivated InAs p-i-n photodetectors grown by molecular beam epitaxy 27586
Ray-Ming Lin *see* Biing-Der Liu 48546
Rayadurga, L. *see* Goldblum, C.E. 45248
Rayapati, V.N., Kaminska, B. Dynamic reconfiguration schemes for megabit BiCMOS SRAMs and performance evaluation 41183
Rayappa, A.V. *see* Karady, G.G. 8930
Raybon, G., Koren, U., Jopson, R.M., Miller, B.I., Chien, M., Young, M.G., Capik, R.J., Dreyer, K. A wavelength tunable semiconductor amplifier/filter for add/drop demultiplexing in WDM networks 26936
Raybon, G., Koren, U., Miller, B.I., Chien, M., Young, M.G., Capik, R.J., Dreyer, K., Derosier, R.M. A wavelength-tunable semiconductor amplifier/filter for add/drop multiplexing in WDM networks 26697
Raybon, G. *see* Giles, C.R. 6725
Raybon, G. *see* Kao, Y.-H. 23883
Raybon, G. *see* Koren, U. 44483
Raybon, G. *see* Liou, K.-Y. 16746
Raybon, G. *see* Miller, B.I. 55629
Raybon, G. *see* Veselka, J.J. 26757
Raybon, G. *see* Young, M.G. 26833
Raychaudhuri, D., French, L.J., Siracusa, R.J., Biswas, S.K., Ruixi Yuan, Narasimhan, P., Johnston, C.A. WATMnet: a prototype wireless ATM system for multimedia personal communication 26517
Raychaudhuri, D., French, L.J., Siracusa, R.J., Biswas, S.K., Yuan, R., Narasimhan, P., Johnston, C. WATMnet: a prototype wireless ATM system for multimedia personal communication 6089
Raychaudhuri, D., Reininger, D., Siracusa, R. Video transport in ATM networks: a systems view 26333
Raychaudhuri, D. *see* Yuan, R. 6507
Raychaudhuri, D. *see* Yuan, R. 47689
Raychaudhuri, S. *see* Kundu, S. 32008
RayChaudhuri, T., Yeh, J.C.H., Hamey, G.C., Sung, S.K.Y., Westcott, T. A connectionist approach to quality assessment of food products 15697
Rayes, A. Integrated methodology for supporting performance management in broadband ATM networks 35768
Rayfield, D.A.T. Meeting the customer's schedule by design 20803
Raymer, M.G. *see* Hodges, S.E. 33591
Raymer, M.G. *see* Hodges, S.E. 33592
Raymond, C.J., Murnane, M.R., Prins, S.L., Naqvi, S.S.H., McNeil, J.R., Hosch, J.W. Multiparameter grating metrology using optical scatterometry 42847
Raymond, E., Tyrer, J. Survey and evaluation of the education and training needs in laser safety 30070
Raymond, F. *see* Abboud, F. 22654
Raymond, K. Reference model of open distributed processing (RM-ODP): Introduction 6151
Raymond, K. *see* Berry, A. 6153
Raymond, M. *see* Becks, K.H. 59228
Raymond, M. *see* De Fez-Laso, M.D.M. 37505
Raymond, M. *see* Iles, G. 18099
Raymond, M.V. *see* Al-Shareef, H.N. 41542
Raymond, R. Development of mobile communications and reconfiguration of social exchanges in building sector enterprises 26633
Raymond, S. *see* Fafard, S. 24021
Raymond, T.D. *see* Armstrong, D.J. 24126
Raymond, T.D. *see* Armstrong, D.J. 44679
Raynaud, C., Faynot, O., Pelloie, J.L., Tedesco, S., Ullmann, B., Dunne, B., Guegan, G., Lerme, M. Sub-0.25 μm ultra-thin SOI CMOS with a single N+ gate process for low-voltage and low-power applications 22963
Raynaud, C. *see* Pelloie, J.L. 22816
Raynaud, C. *see* Reichert, G. 13000
Rayner, A. SDV unscrambled 58571
Rayner, J.P. *see* Palit, S.K. 14717
Rayner, M., Olver, A.D., Monk, A.D. Proximity effects of absorbing boundary conditions on antenna radiation patterns 14736
Rayner, M., Olver, A.D., Monk, A.D. FD-TD design of short backfire antennas 45474
Rayner, P.J.W. *see* Chan, D.C.B. 15077
Rayner, P.J.W. *see* Godsill, S.J. 15072
Rayner, P.J.W. *see* Kuruoglu, E.E. 45995
Raynor, B. *see* Hurm, V. 44318
Raynor, B. *see* Lao, Z. 31202
Raynor, B. *see* Lao, Z. 40927
Raynor, B. *see* Leber, P. 32564
Raynor, B. *see* Thiede, A. 41131
Raynor, B. *see* Wang, Z.-G. 1545
Raynor, B. *see* Wang, Z.-G. 41477
Rayson, J.K., Fray, R.R. Developing a video wall Hard Panel Emulator for plant operations training at Boston Edison 9082
Rayward-Smith, V.J. *see* Kapsalis, A. 36305
Raz, S. *see* Cohen, I. 45996
Raza, G., Sherkat, N., Whitrow, R.J. Recognition of poor quality words without segmentation 25328
Raza, H., Xu, Z., Yang, B., Ioannou, P. Modeling and control design for a computer controlled brake system 9650
Raza, S.H. *see* Goh, W.L. 54743

Razavi, B. A 2-GHz 1.6-mW phase-locked loop 1194
Razavi, B. Challenges and trends in RF design 16546
Razavi, B. A 2-GHz 1.6-mW phase-locked loop 53080
Razavilar, J., Ye Li, Liu, K.J.R. Spectral estimation based on structured low rank matrix pencil 25108
Razavilar, J. *see* Li, Y. 34898
Razavilar, J. *see* Ye Li 34793
Razavy, M. Bound states in three-dimensional quantum wires 54229
Razaz, M. *see* Hagyard, D. 57489
Razaz, Z.El *see* El Razaz, Z.
Razdan, R. *see* Leibholz, D. 43309
Razdan, R. *see* Paul, D.K. 34440
Razdan, R. *see* Paul, D.K. 47956
Razdolin, A.V. *see* Kalynzhnyi, V.V. 33771
Raze, G.T. *see* Le Garrec, B.J. 33434
Razeghi, M. *see* Diaz, J. 21229
Razeghi, M. *see* Dovidenko, K. 12285
Razeghi, M. *see* Elhamri, S. 2213
Razeghi, M. *see* Hoff, J. 48521
Razeghi, M. *see* Hoff, J. 48522
Razeghi, M. *see* Hoff, J.R. 7359
Razeghi, M. *see* Jelen, C. 27571
Razeghi, M. *see* Kato, T. 30836
Razeghi, M. *see* Kim, J.D. 48669
Razeghi, M. *see* Lane, B. 40408
Razeghi, M. *see* Lane, B. 42059
Razeghi, M. *see* Walker, D. 17392
Razeghi, M. *see* Walker, D. 48504
Razeghi, M. *see* Wu, D. 23980
Razeghi, M. *see* Yi, H. 3868
Razeghi, M. *see* Zhang, X. 10897
Razeghib, M. *see* Zhang, X. 3584
Razek, A. *see* El Feddi, M. 44869
Razet, A. *see* Juncar, P. 17182
Razet, A. *see* Picard, S. 17193
Razgulin, A.V. Projection-difference method in observation and control problems for Schrodinger-type equations 615
Razgulin, A.V. On a finite-dimensional attractor of a nonlinear optical system 4059
Razgulin, A.V. On the attractor of optical system with 2-D feedback 24171
Razhin, F. *see* Dubov, S. 49859
Razin, S.V. *see* Golubev, S.V. 18147
Razin, S.V. *see* Novikov, S.A. 41428
Razin, V.I. *see* Kiyachko, A.V. 28026
Raziq, P., Nakagawa, M. Parallel Coded Optical Multicarrier Frequency Division Multiplexing: a potential step towards high speed, high capacity and high reliability in optical transmission systems 16791
Raznopolov, O.A. *see* Shtessel, Y.B. 9342
Razo, J. An overview of flat panel displays for avionics applications 18619
Razouk, R. *see* Brown, K.C. 54824
Razskazovsky, V.B. *see* Kulemin, G.P. 45148
Razskazovsky, V.B. *see* Kulemin, G.P. 48082
Razumov, S. *see* Sherman, V. 23429
Razumovski, N. *see* Volk, T. 44735
Razvag, M., Balberg, M., Agranat, A.J. Dipolar photorefractive gratings in paraelectric $K_{1-x}Li_xTa_{1-y}Nb_yO_3$ 32975
Razykov, T.M., Khusainova, N.F. Intrinsic point defects in CdTe, ZnTe, and CdSe films of the variable composition obtained by the chemical molecular beam deposition 40307
Rduskoi, A.I. *see* Korenkov, I.P. 60089
Re, A.Da *see* Da Re, A.
Re, E.Del *see* Del Re, E.
Re, V. *see* Aulchenko, V.M. 37243
Re, V. *see* Bauer, C. 37326
Re, V. *see* Bauer, C. 37378
Re, V. *see* Manfredi, P.F. 37494
Re, V. *see* Quaranta, A.A. 37329
Re Riorentin, S. *see* Rebora, C. 61313
Re-Long Chiu, Peng-Heng Chang Thickness dependence of refractive index for anodic aluminium oxide films 21372
Rea, M.S. *see* Bullough, J. 8083
Rea, M.S. *see* Bullough, J. 39412
Read, B.C., III *see* Groat, J. 18624
Read, D., Drexler, E., Bernard, E., Grosse, I., Benoit, J., DiTomasso, J., Holzhauer, D., Rocci, P., Stoklosa, M. Thermomechanical behavior of a high density polymer overlay MCM interconnect structure: Experiments and analysis 1860
Read, D. *see* Pandey, S.U. 37293
Read, E.G. OR modelling for a deregulated electricity sector 19148
Read, E.G. *see* Hogan, W.W. 28823
Read, E.G. *see* Scott, T.J. 28824
Read, I.J. *see* Dockney, M.L. 48639
Read, J.F. *see* Challenor, P.G. 28649
Read, K. *see* Backus, S. 33663
Read, M., Manuccia, T., Schwarz, W., Weibel, D., Gregory, C., Bird, G., Wallace, R., Ryan, J. An instrument for rapidly imaging the fields in magnetic media 48837
Read, M.E. *see* Hogge, J.P. 1945
Read, W.W. *see* Chowdhury, A.I. 40612
Reader, A.H. *see* Schut, H. 42359
Reader, D.J., Cowley, W.G. Blind maximum likelihood sequence detection 24954
Reader, D.J., Cowley, W.G. Method for preventing delay ambiguity 34809
Reader, D.J., Cowley, W.G. Fractionally spaced blind maximum likelihood sequence detection over fast fading fractionally-spaced channels 46000
Reader, G.T. *see* Potter, I.J. 60563
Reader, H.C. *see* Chow Ting Chan, T.V. 61339
Reading, I. Developing an automated repair environment for GSM mobile telephones 6375
Ready, S. *see* Street, R.A. 33228
Reagan, J.A., Liu, H., McCalmont, J.F. Laser diode based new generation lidars 8434
Reagan, J.J. Yield and process management through the "fractional factory" concept 52154
Reagan, M., Gascoyne Harrod, K. The new playing field [CATV companies and telecommunication services] 36342
Real, E.C. Feature extraction and sufficient statistics in detection and classification 25192
Real, P. An algorithm computing homotopy groups 21068
Reali, G. *see* Cacopardi, S. 5807
Reali, G. *see* Cacopardi, S. 16410
Reali, G.C. *see* Agnesi, A. 14054
Reali, G.C. *see* Agnesi, A. 23849
Reali, G.C. *see* Agnesi, A. 33457
Reamon, D., Sheppard, S. Analytic problem solving methodology 20534
Reardon, E.J. *see* Payne, C.W. 11900
Reardon, P.J. *see* Johnson, R.B. 28712
Reason, J. Solid state transfer–speed alone won't solve power-quality problems 9415
Reass, W., Davis, H., Olson, J., Coates, D., Schleinitz, H. Development leading to a 200 kV, 20 kA, 30 Hertz radar-like modulator system for intense ion beam processing 51257
Reass, W.A., Munson, C.A., Malaczynski, G., Elmoursi, A. Progress towards a 20 kV, 2 kA plasma source, ion implantation modulator for automotive production of diamond film on aluminum 51256
Reass, W.A., Wood, B.P. Cathodic arc modulator systems for metallic plasma ion implantation 60864
Reass, W.A. *see* Nastasi, M. 10885
Reatti, A. *see* Bartoli, M. 9334
Reatti, A. *see* Bartoli, M. 38772
Reaves, C.M., Pelzel, R.I., Hsueh, G.C., Weinberg, W.H., DenBaars, S.P. Formation of self-assembled InP islands on a GaInP/GaAs(311)A surface 12432
Reaves, C.M. *see* Gaffney, M. 10777
Reaves, C.M. *see* Hsueh, G.C. 768
Reay, D.S., Mirkazemi-Moud, M., Williams, B.W. On the appropriate uses of fuzzy systems: fuzzy sliding mode position control of a switched reluctance motor 38707
Reay, R., Herr, J. Safe hot board swapping 31570
Reay, R.J., Flannery, A.F., Storment, C.W., Kounaves, S.P., Kovacs, G.T.A. Microfabricated electrochemical analysis system for heavy metal detection 23023
Reay, R.J., Klaassen, K.B., Nomura, C.S. A resonant switching write driver for magnetic recording 23373
Rebai, A., Martel, J.-M. A fuzzy bag approach to choosing the "best" multiattributed potential actions in a multiple judgement and non cardinal data context 52438
Rebane, A. *see* Krylov, V. 14355
Rebane, A. *see* Krylov, V. 24118
Rebane, A. *see* Krylov, V. 33651
Rebane, A. *see* Ollikainen, O. 17833
Rebane, A. *see* Zuikov, V. 4009
Rebane, A.K. *see* Kalachev, A.A. 14288
Rebane, Y.T. *see* Shreter, Yu.G. 12269
Rebaudengo, M. *see* Corno, E. 40980
Rebaudengo, M. *see* Corno, F. 11387
Rebaudengo, M. *see* Corno, F. 21734
Rebaudengo, M. *see* Corno, F. 41019
Rebbapragada, V. *see* Zipp, J. 28937
Rebbert, M.L. *see* Hoff, H.A. 12544
Rebeiz, G.M. *see* Barker, N.S. 36255
Rebeiz, G.M. *see* Barker, N.S. 36877
Rebeiz, G.M. *see* Budka, T.P. 11738
Rebeiz, G.M. *see* Chen-Yu Chi 41480
Rebeiz, G.M. *see* Courtay, A. 34426
Rebeiz, G.M. *see* Ellis, T.J. 34382
Rebeiz, G.M. *see* Ellis, T.J. 45424
Rebeiz, G.M. *see* Filipovic, D.F. 56223
Rebeiz, G.M. *see* Raman, S. 4385
Rebel, H. *see* Campajola, L. 7751
Rebelle, J. *see* Boulanger, P. 60501
Rebelo, M.S. *see* Gutierrez, M.A. 49444
Reber, C.A., Palmer, D.W. Replacing hermetic with consumer IC packaging in high reliability applications 30256
Reber, M., Tielert, R. Benefits of vertically stacked integrated circuits for sequential logic 1297
Reber, R. *see* Ludwig, M. 21937
Rebhan, U. *see* Albrecht, H.-S. 55786
Rebiere, D. *see* Bordieu, C. 27727
Rebiere, D. *see* Dejous, C. 23284
Rebollar, J.M. *see* Alonso-Juaristi, P.I. 53552
Rebollo, J. *see* Brezeanu, G. 42937
Rebollo, J. *see* Flores, D. 12913
Rebollo, J. *see* Flores, D. 42974
Rebollo, J. *see* Flores, D. 42978
Rebollo, J. *see* Godignon, P. 22805
Rebollo Neira, L., Constantinides, A.G. Power spectrum estimation from noisy and limited autocorrelation values: a maximum entropy approach 56442
Rebone, V.K. *see* Konkin, S.V. 13955
Rebone, V.K. *see* Konkin, S.V. 33387
Rebora, A. *see* Garramone, S. 57207
Rebora, C., Saroldi, A., Anerdi, G., Re Riorentin, S. Road recognition method for anticollision radar system 61313
Reboul, J.-P. *see* Khalil, M.S. 32742
Reboul, J.P. *see* Enrici, F. 32624
Reboul, J.P. *see* Popiel, L. 60734
Rebuffel, V., Hennebert, C., Letang, J.M. Temporal integration for robust detection of distant moving objects observed by a mobile camera 56663
Rebuffel, V., Sune, J.L. Estimation of depth-from-motion combining iterative prediction scheme and regularization framework 5112
Rebuffel, V. *see* Hennebert, C. 5074
Rebuffel, V. *see* Hennebert, C. 15731
Rebuldela, G. *see* De-Xiang Huang 27303
Reca, N.E.Walsoee de *see* Walsoee de Reca, N.E.
Recepoglu, O. *see* Beker, U.G. 29130
Rech, B. *see* Folsch, J. 39149
Rech, B. *see* Janocha, H. 9464
Rech, B. *see* Winz, K. 39152
Rechenberg, H.R. *see* Nagamine, L.C.C.M. 3141
Rechenberg, I. *see* Knauer, A. 40357
Recio, M., Fernandez, A., Martin, V., Peman, M.J., Gonzalez, G., Hoyer, J.R., Whitlock, S., James, D., Hausen, M. Advanced software system for yield improvement on manufacturing fab 58623
Recke, C., Eder, A. A unified placement algorithm to improve both performance and area through sliceable partitions 11039
Recker, C. *see* Geiger, M. 30784
Recko, K. *see* Reniewicz, H. 12251
Recksiek, C.W. *see* Fischer, G. 17284
Recobos Rodriguez, P.A., Landa Silva, J.D. Biometric identification by dermatoglyphics 56924
Recupero, V. *see* Maggio, G. 29601
Redac, Z. *see* Berrie, J. 45178
Redaelli, N. *see* Becks, K.H. 59228
Redarce, T. *see* Perrin, S. 17548
Redder, M. *see* Kittl, J.A. 2433
Reddick, W.E. *see* Deaton, R. 59558
Reddig, M., Kraus, R. The influence of the base resistance modulation on switching losses in IGBTS 31099
Reddig, M. *see* Kraus, R. 40884
Redding, E. *see* Fish, S. 38183
Redding, N.J. Image understanding of oblique ionograms: the autoscaling problem 46152
Redding, N.J. Fitting implicit polynomials to use as features in image understanding 46153
Redding, N.J. *see* Kettler, D.I. 46157
Redding, R.E., Seamster, T.L. Cognitive task analysis of air traffic control instruction to identify rule-based measures of student simulator performance 60005
Redding, R.E. *see* Seamster, T.L. 59870
Reddy, A., Ahamed, S.V. Simulation study of CAP in high bit rate asymmetrical digital subscriber line (ADSL) environment 45508
Reddy, B.R. *see* Bullock, S.R. 44644
Reddy, B.R. *see* Pope, C.L. 55519
Reddy, B.R.S. *see* Qiuzhen Xue 28355
Reddy, B.S. *see* Srinivasan, P.V. 19165
Reddy, C.J., Deshpande, M.D., Hanidu, G.A. Learning tool for estimation of complex permittivity of dielectric material 20669
Reddy, C.J. *see* Deshpande, M.D. 48832
Reddy, C.V., Fung, S., Beling, C.D. Nature of the bulk defects in GaAs through high-temperature quenching studies 2032
Reddy, C.V., Fung, S., Beling, C.D. Inexpensive circuit for the measurement of capture cross section of deep level defects in semiconductors 7522
Reddy, G. *see* Schalkoff, R.J. 11627
Reddy, G.K. *see* Sonka, M. 28218
Reddy, G.V., Sinha, A. A mathematical model for coal combustion in a 10-MW FBC power plant 38606
Reddy, H.C., Rajan, P.K., Moschytz, G.S., Stubberud, A.R. Study of various symmetries in the frequency response of two-dimensional delta operator formulated discrete-time systems 4694
Reddy, K.Praveen *see* Praveen Reddy, K.
Reddy, K.Rajamohan *see* Rajamohan Reddy, K.
Reddy, K.T.Ramakrishna *see* Ramakrishna Reddy, K.T.
Reddy, K.V., Murty, A., Praveen Kumar, A. Atomic transport in compound semiconductors 54011
Reddy, K.V. *see* Hong Lin 23796
Reddy, K.V. *see* Jiang, M. 33413
Reddy, M., Martin, S.C., Molnar, A.C., Muller, R.E., Smith, R.P., Siegel, P.H., Mondry, M.J., Rodwell, M.J.W., Kroemer, H., Allen, S.J., Jr. Monolithic Schottky-collector resonant tunnel diode oscillator arrays to 650 GHz 53652
Reddy, M., Reddy, V.U. Analysis of interpolated arrays with spatial smoothing 24915
Reddy, M. *see* Molnar, A.C. 41466
Reddy, M.K. *see* Kumar, C.H. 18423
Reddy, M.M.M. *see* Raj Narayan, M.D. 22183
Reddy, M.Sesha *see* Sesha Reddy, M.
Reddy, N.P., Prabhu, D., Palreddy, S., Gupta, V., Suryanarayanan, S., Canilang, E.P. Redundant neural networks for medical diagnosis: Applications to dysphagia diagnosis 18199
Reddy, P.J. *see* Sesha Reddy, M. 54141

Reddy, P.Jayarama *see* Jayarama Reddy, P.
Reddy, P.N., Reddy, P.N., Pandu Rangaiah, S.V. Platinum related deep levels in silicon and their passivation by atomic hydrogen using home-built automated DLTS system 41845
Reddy, P.N. *see* Reddy, P.N. 41845
Reddy, R., Stolpen, A.H., Charagundla, S.R., Insko, E.K., Leigh, J.S. ^{17}O-decoupled ^{1}H detection using a double-tuned coil 59409
Reddy, S. *see* Qiuzhen Xue 37819
Reddy, S.M. Challenges in testing 53116
Reddy, S.M. *see* Becker, B. 53220
Reddy, S.M. *see* Hengster, H. 40966
Reddy, S.M. *see* Kajihara, S. 11290
Reddy, S.M. *see* Kajihara, S. 53217
Reddy, S.M. *see* Pomeranz, I. 1209
Reddy, S.M. *see* Pomeranz, I. 21562
Reddy, S.M. *see* Pomeranz, I. 40967
Reddy, S.M. *see* Pomeranz, I. 52158
Reddy, S.M. *see* Pomeranz, I. 53119
Reddy, S.M. *see* Pomeranz, I. 53181
Reddy, S.M. *see* Pomeranz, I. 53189
Reddy, S.M. *see* Pramanick, A.K. 41059
Reddy, S.M. *see* Sparmann, U. 53132
Reddy, S.N. *see* Krishnudu, T. 9107
Reddy, S.N. *see* Madhusudhan, B. 9109
Reddy, S.P., Harvey, J.E., Phillips, R.L. Pointing, tracking and acquisition through atmospheric turbulence utilizing reciprocal path techniques 35320
Reddy, T. *see* Chmielewski, A.B. 18734
Reddy, T.B. *see* Ehrlich, G.M. 61011
Reddy, V. *see* Ramaswamy, S. 21598
Reddy, V.U., Papadias, C.B., Paulraj, A.J. Blind identifiability of certain classes of multipath channels from second-order statistics using antenna arrays 57555
Reddy, V.U. *see* Reddy, M. 24915
Reddy Sum *see* Sum Reddy
Reden, W.V. *see* Nolting, H.-P. 55252
Redert, A., Hendriks, E. Disparity map coding for 3D teleconferencing applications 57967
Redfern, M.A., Checksfield, M.J. A review of pole slipping protection 19701
Redfern, M.A. *see* Briggs, D.A. 19304
Redfern, M.A. *see* Checksfield, M.J. 19681
Redfern, M.A. *see* Fairey, T.G. 19225
Redfern, M.A. *see* Ormondroyd, R.F. 16521
Redfern, M.S. *see* Loughlin, P.J. 18207
Redford, J., Taunton, M. Acorn's technology for network computing 47163
Redford, M. *see* Hanson, D.A. 2775
Redford, S.J. *see* McDonald, S.P. 19753
Redi, P. *see* Lori, L. 51759
Redi, P. *see* Lori, L. 61251
Redinbo, G.R. Reliability levels for fault-tolerant linear processing using real number error correction 14800
Redkorechev, V.I. *see* Ganeev, R.A. 14041
Redkorechev, V.I. *see* Ganeev, R.A. 23828
Redl, R., Erisman, B.P., Reizik, G. Smart driver IC protects high-speed IGBTs and MOSFETs against short circuits 43049
Redl, R., Tenti, P., Daan van Wyk, J. Power electronics' polluting effects 60925
Redl, R. *see* Kislovski, A.S. 51088
Redman, M.B. Aircraft test conditions for electromagnetic compatibility assessment 37952
Redman-White, W. A high bandwidth constant g_m and slew-rate rail-to-rail CMOS amplifier circuit for embedded low-voltage applications 1153
Redman-White, W., Tenbroek, B.M., Lee, M.S.L., Edwards, C.F., Uren, M.J., Bunyan, R.J.T. Analogue design issues for SOI CMOS 13144
Redman-White, W. *see* Tenbroek, B.M. 12920
Redman-White, W. *see* Tenbroek, B.M. 13119
Redman-White, W. *see* Tenbroek, B.M. 13150
Redmard, E. *see* Kelson, I. 48897
Redmill, D.W., Bull, D.R. Non-linear perfect reconstruction filter banks for image coding 56798
Redmill, D.W., Bull, D.R. Error resilient arithmetic coding of still images 57104
Redmill, D.W., Bull, D.R., Kingsbury, N.G., Chung-How, J.T. Error resilient image and video coding for wireless communication systems 46498
Redmill, D.W. *see* Sriranganathan, S. 1603
Redmill, F., Chudleigh, M.F., Catmur, J.R. Principles underlying a guideline for applying HAZOP to programmable electronic systems 52369
Redmond, E.L., II *see* Ingersoll, D.T. 8125
Redmond, E.L., II *see* Kiger, W.S., III 8127
Redmond, I., Linke, R.A. High-speed formation of persistent gratings in doped semiconductors 14431
Redmond, J., Tucker, S. Nonlinear time-optimal control of a photolithography platen 52171
Redon, M. *see* Klisnick, G. 53042
Redondas, X., Gonzalez, P., Chiussi, S., Parada, E.G., Pou, J., Leon, B., Perez-Amor, M. Photochemical vapour deposition of hydrogenated amorphous silicon-carbon thin films by using a Xe_2* excimer lamp 2075
Redondo, E. *see* Martil, I. 44274
Redondo, E. *see* Ojeda, A.M. 55445
Redoules, J.P. *see* Postava, K. 32801
Redshaw, R., Wetmore, R.E. The Fox Movietone News Preservation Project: operational and logistic aspects 17095
Redus, R., Squillante, M., Lund, J. Electronics for high resolution spectroscopy with compound semiconductors 37495
Redwing, J.M., Flynn, J.S., Tischler, M.A., Mitchel, W., Saxler, A. MOVPE growth of high electron mobility AlGaN/GaN heterostructures 21271
Redwing, J.M. *see* Binari, S.C. 32442
Redwing, J.M. *see* Jutong Liu 10679
Redwing, J.M. *see* Liu, Q.Z. 42250
Redwing, J.M. *see* Liu Jutong 40456
Redwing, J.M. *see* Loeber, D.A.S. 14178
Redwing, J.M. *see* Safvi, S.A. 10792
Ree, M., Kim, K., Woo, S.H., Chang, H. Structure, chain orientation, and properties in thin films of aromatic polyimides with various chain rigidities 43542
Ree, M. *see* Lee, K.-W. 187
Reeber, R.R., Wang, K. Thermal expansion of β-SiC, GaP and InP 40668
Reece, D. *see* Karr, C.R. 50282
Reece, W.J., Byers, J.C., Romero, H.A., Haney, L.N. Computer-based support in an integrated control station for remote waste retrieval 35682
Reed, B.A. *see* Ilyas, Q.S.M. 10099
Reed, C.M. *see* Black, J.V. 25243
Reed, C.M. *see* Black, J.V. 36246
Reed, G.T., Kewell, A.K. Erbium-doped silicon and porous silicon for optoelectronics 12145
Reed, G.T. *see* Tang, C.K. 3441
Reed, H.L. *see* Solomon, S.C. 60062
Reed, I.M. *see* Greenough, R.D. 48490
Reed, I.S. *see* Goldstein, J.S. 16847
Reed, I.S. *see* Goldstein, J.S. 16898
Reed, I.S. *see* Goldstein, J.S. 24901
Reed, I.S. *see* Goldstein, J.S. 34795
Reed, I.S. *see* Goldstein, J.S. 56468
Reed, I.S. *see* Xiaoli Yu 25636
Reed, J. NCMS surface finish testing [PWBs] 22041
Reed, J. *see* Kokas, J. 1809
Reed, J. *see* Polichar, R. 37558
Reed, J.H. *see* Agee, B.G. 6481
Reed, J.H. *see* Biedka, T.E. 4880
Reed, J.H. *see* Dominique, F. 25901
Reed, J.H. *see* Dominique, F. 26478
Reed, J.H. *see* Dominique, F. 34770
Reed, J.H. *see* Mangalvedhe, N.R. 16553
Reed, J.H. *see* Mangalvedhe, N.R. 45483
Reed, J.H. *see* Petrus, P. 47617
Reed, J.H. *see* Rappaport, T.S. 7002
Reed, J.H. *see* Tranter, W.H. 20523
Reed, K.W., Kiekel, P.D. Synchronization of multiple magnetically switched modules to power linear induction adder accelerators 49076
Reed, M., Benson, T.M., Sewell, P., Kendall, P.C., Berry, G.M., Dewar, S.V. Free space radiation mode analysis of rectangular dielectric waveguides 3403
Reed, M. *see* Sewell, P. 24526
Reed, M.A. *see* Deshpande, M.R. 31986
Reed, M.G., Syverson, P.F., Goldschlag, D.M. Proxies for anonymous routing 25967
Reed, M.G. *see* Goldschlag, D.M. 25972
Reed, N., Hopkins, S.K. Implementing process improvement in a test environment 59973
Reed, R., Fabian, P., Bauer-McDaniel, T., Hazelton, C., Munshi, N., Gerstenberg, H., Katheder, H. Shear and compressive properties of insulation after irradiation at 4 K 52850
Reed, R., Long, D.G., Arnold, D.V. Remote operation of the Yscat scatterometer 8504
Reed, R. *see* Long, D.G. 8479
Reed, R.A., Carts, M.A., Marshall, P.W., Marshall, C.J., Buchner, S., La Macchia, M., Mathes, B., McMorrow, D. Single Event Upset cross sections at various data rates 22748
Reed, R.A. *see* Musseau, O. 22994
Reed, R.P. *see* Fabian, P.E. 48821
Reeder, J. *see* Ahmad, S.S. 20938
Reeder, P.L., Stromswold, D.C., Brodzinski, R.L., Reeves, J.H., Wilson, W.E. Moisture measurement for radioactive wastes using neutron activation of copper 59097
Reeder, S.B. *see* Rehwald, W.G. 28272
Reedtz, G.M. *see* Boella, G. 17171
Reedtz, G.M. *see* Cabiati, F. 27247
Reedy, R. *see* Wang, T.H. 30760
Reedy, R.C., Jr. *see* Mahan, A.H. 39132
Reekie, H.J. *see* Chiang, K.H. 9917
Reekie, H.M. *see* Buchan, L.W. 41367
Reekie, H.M. *see* Mayes, D.J. 1657
Reekie, L., Dong, L. Material considerations for Bragg fibre gratings 55188
Reekie, L. *see* Barcelos, S. 13592
Reekie, L. *see* Cruz, J.L. 13604
Reekie, L. *see* Dong, L. 16698
Reekie, L. *see* Dong, L. 16718
Reekie, L. *see* Dong, L. 23484
Reekie, L. *see* Dong, L. 33009
Reekie, L. *see* Dong, L. 55192
Reekie, L. *see* Laming, R.I. 16829
Reekie, L. *see* Liu, W.F. 16682
Reekie, L. *see* Liu, W.F. 43978
Reekie, L. *see* Paschotta, R. 23827
Reekie, L. *see* Taverner, D. 13601
Reekie, L. *see* Timofeev, F.N. 16767
Reekmans, R. *see* Malfait, A. 61175
Reekmans, R. *see* Van Haute, S. 61126
Reel, J. *see* McCloskey, L.T. 20652
Rees, D. *see* Hardek, T. 1925
Rees, D. *see* Lawrence, G. 49177
Rees, D. *see* Lynch, M.T. 49171
Rees, D.C. *see* Stowell, M.H.B. 18159
Rees, G.H. Space charge tune shift, fast resonance traversal and current limits in circular accelerators 18022
Rees, G.J. Piezoelectric semiconductors–the potential of strain 13226
Rees, G.J. *see* Dunn, G.M. 12873
Rees, G.J. *see* Dunn, G.M. 36570
Rees, G.J. *see* Dunn, G.M. 42924
Rees, G.J. *see* Dunn, G.M. 43148
Rees, G.J. *see* Plimmer, S.A. 2584
Rees, G.J. *see* Wilson, L.R. 42110
Rees, N.W. *see* Fan, G.Q. 29096
Rees, P. *see* Brawn, I. 59325
Rees, P. *see* Logue, F.P. 23984
Rees, P. *see* Logue, F.P. 31970
Rees, W.G. *see* Lin, I.I. 8511
Reese, C., Yablonovitch, E., Keller, S., Keller, B., DenBaars, S. Absolute internal quantum efficiency of an InGaN/GaN quantum well 33243
Reese, D.J. *see* Meyer, J.R. 7562
Reese, R.B. *see* Calhoun, J.S. 40776
Reeth, F.Van *see* Van Reeth, F.
Reetz, W. *see* Kruger, M. 33257
Reeve, A. Quality control for on-line analysers 52319
Reeve, C.D. *see* Hicks, M. 7237
Reeve, C.D. *see* Houghton, A.W. 7014
Reeve, J., Uzunovic, E. Study of power transfer capability of DC systems incorporating AC loads and a parallel AC line 38325
Reeve, R. *see* Pomeranz, I. 31329
Reeves, D.S. *see* Cato, G.R. 25743
Reeves, D.S. *see* Rampal, S. 6267
Reeves, D.S. *see* Salama, H.F. 57786
Reeves, G.D. *see* Meier, M.M. 28610
Reeves, G.K., Harrison, H.B., Leech, P.W. Modelling geometrical effects of parasitic and contact resistance of FET devices 43104
Reeves, G.K. *see* Gazecki, J. 12523
Reeves, G.K. *see* Ressel, P. 42963
Reeves, J.H. *see* Reeder, P.L. 59097
Reeves, K., Sienski, K., Field, C. Reconfigurable hardware accelerator for embedded DSP 41194
Reeves, R., Kubik, K., Osberger, W. Texture characterization of compressed aerial images using DCT coefficients 57345
Reeves, S.J., Zhe Zhao New results on observation selection in signal reconstruction 15389
Reeves, W.E. *see* Pai, C.P. 37959
Refaey, W.M. *see* El-Samahy, A.A. 19175
Reffet, D. *see* Guillaume, B. 41522
Reffet, D. *see* Laporte, E. 53664
Refi, J.J. *see* Jacobs, S.A. 48008
Refice, A. *see* Chiaradia, M.T. 8365
Refice, A. *see* Chiaradia, M.T. 48077
Refregier, P. *see* Germain, O. 15689
Refregier, P. *see* Goudail, F. 46028
Refsum, A. Spiral vector representation of the short-circuit current of a synchronous alternator 19708
Refsum, A., Devlin, S. Protection based on transmission matrix 19816
Refsum, A. *see* Xu, Q. 19828
Rega, J., Stables Anderson, K., Van Binst, P. EWOS and the global information society 6251
Regache, M. *see* Sagnes, I. 22595
Regal, R. *see* Hage-Ali, M. 37561
Regal, R. *see* Prat, V. 37330
Regan, A. *see* Lawrence, G. 49177
Regan, A. *see* Lynch, M.T. 49171
Regan, A.H., Rohlev, A.S., Ziomek, C.D. APT LLRF control system functionality and architecture 37021
Regan, A.H. *see* Lyles, J.T.M. 49172
Regan, A.H. *see* Ziomek, C.D. 7710
Regan, M.P. Half-wave linear rectification of a frequency modulated sinusoid 15150
Regan, P. *see* Clark, P. 50888
Regan, R.A. Autonomous minehunting and mapping technologies program autonomous maneuvering capabilities 50287
Regan, S.P. *see* Stutman, D. 36666
Regan, T. *see* Kalonji, G. 20702
Regazzoni, C. *see* Kuosmanen, P. 57123
Regazzoni, C.S., Foresti, G.L. Properties of binary statistical morphology 5426
Regazzoni, C.S. *see* Foresti, G.L. 48132
Regazzoni, C.S. *see* Foresti, G.L. 57164
Regazzoni, C.S. *see* Murino, V. 5536
Regazzoni, C.S. *see* Plataniotis, K. 56932
Regazzoni, C.S. *see* Tesei, A. 25099
Regazzoni, C.S. *see* Tesei, A. 45790
Rege, K.M., Nanda, S., Weaver, C.F., Peng, W.C. Fade margins for soft and hard handoffs 26636
Regel-Brietzmann, P. *see* Berton, A. 34666
Regel-Brietzmann, P. *see* Fetter, P. 15052
Regel-Brietzmann, P. *see* Kuhn, T. 15000
Regev, Z. *see* Lapsker, I. 2556
Reggi, A.S.De *see* De Reggi, A.S.
Reggia, J.A. *see* Baykal, N. 18209
Reggiani, L., Golinelli, P., Varani, L., Gonzalez, T., Pardo, D., Starikov, E., Shiktorovs, P., Gruzinskis, V. Monte Carlo analysis of electronic noise in semiconductor materials and devices 32350
Reggiani, L., Starikov, E., Shiktorov, P., Gruzinskis, V., Varani, L. Modelling of small-signal response and electronic noise in semiconductor high-field transport 41952
Reggiani, L. *see* Cola, A. 49319
Reggiani, L. *see* Gingl, Z. 10215
Reggiani, N. *see* Torres-Silva, H. 45008

Reggiani, U. *see* Grandi, G. 31548
Reggiani, U. *see* Massarini, A. 1117
Reggiannini, R. *see* D'Andrea, A.N. 6479
Reggiannini, R. *see* Luise, M. 5800
Reggiannini, R. *see* Manara, G. 45044
Regidor, J.C., Guzman, V.M., Gimenez de Guzman, M.I. DISCO: a computer aided design program for the single capacitor snubber in inverter applications 51159
Reginato, L., Peters, C. Engineering research and development for the Elise heavy ion induction accelerator 59108
Reginato, L. *see* Tauschwitz, A. 59162
Reginato, L. *see* Yu, S.S. 59107
Reginato, L.L. *see* Houck, T.L. 49092
Reginato, L.L. *see* Kwan, J.W. 59106
Reginato, L.L. *see* Westenskow, G.A. 49091
Regincos-Isern, J., Batlle, J. A system to reduce the effect of CCDs saturation 57036
Reginski, K. *see* Bugajski, M. 12400
Reginski, K. *see* Godlewski, M. 12435
Reginski, K. *see* Kaniewska, M. 690
Reginski, K. *see* Kaniewska, M. 3816
Reginski, K. *see* Kaniewska, M. 14118
Reginski, K. *see* Klima, K. 691
Reginski, K. *see* Misiewicz, J. 2134
Reginski, K. *see* Sek, G. 54215
Register, L.F. *see* Rosenbaum, E. 22481
Register, R.A. *see* Wu, C.C. 3642
Regl, H.-J. *see* Winnerl, S. 42106
Regler, H. *see* Grauschopf, T. 40218
Reglero, V. *see* Porras, E. 37353
Regli, B. Strategic liberalization: Mapping a course for sustainable infrastructure development 5911
Regli, P., Lamboglia, K., Garreton, G., Neeracher, M., Westermann, M., Strecker, N., Fichtner, W. Multidimensional geometric modeling for 3D TCAD 12632
Regli, W.C., Gupta, S.K., Nau, D.S. Feature recognition for manufacturability analysis 5038
Rego, J.A. *see* Walba, D.M. 44097
Rego, V. *see* Gomez, J.C. 35732
Regolini, J.-L. *see* Bouillon, P. 43293
Regolini, J.L. *see* Achutharaman, R. 12804
Regolini, J.L. *see* Maury, D. 40611
Regolini, J.L. *see* Meyer, F. 12553
Regoliosi, G. *see* Ciarlini, P. 52306
Regolo, C., Lin, C.C., Mancini, P. CLIMACS: A medium/low resolution SAR for global monitoring of land surfaces and sea ice 16937
Regreny, P. *see* Thevenot, V. 40353
Regtien, P.P.L. *see* Setiadi, D. 3027
Regula, M., Ballif, C., Levy, F. Growth and electrical properties of reactively sputtered WS_x thin films 10915
Regulla, D.F. *see* Ruckerbauer, F. 28479
Regvart, B., Modlic, B., Koren, Z. Electromagnetic field exposure of technical staff from telecom power system and related health hazards 51209
Rehak, P. *see* Castoldi, A. 28017
Rehak, P. *see* Castoldi, A. 59214
Rehak, P. *see* Fazzi, A. 28047
Rehak, P. *see* Fazzi, A. 37500
Rehak, P. *see* Gramegna, G. 59327
Rehak, P. *see* O'Connor, P. 59315
Rehak, P. *see* Palmer, R.B. 17966
Rehbehn, D. Combining voice and data efficiently in VSATs 47855
Rehbein, W. *see* Hamacher, M. 16743
Rehbein, W. *see* Heidrich, H. 47997
Rehberg, J., Wunsche, H.-J., Bandelow, U., Wenzel, H. Spectral properties of a system describing fast pulsating DFB lasers 33579
Rehder, R. *see* Weeber, K. 38677
Rehder, R.H., Draper, R.E. Progress in filled insulation materials to improve motor performance and reliability 51648
Rehder, R.H., Krahn, J. Evaluation of partial discharge analysis as a quality control tool for large AC motors 60672
Reher, H.-J. *see* Hanson, J. 8272
Rehfeld, H. *see* Alt, H. 3303
Rehg, J.A. Development of a student centered introductory computer course for delivery over the World Wide Web 20633
Rehg, T. *see* Wells, G.T. 53857
Rehm, C. *see* Tappert, J. 3192
Rehm, K.E. *see* Harss, B. 49275
Rehm, W. *see* Klekamp, A. 13662
Rehman, S.Tauseef ur *see* Tauseef ur Rehman, S.
Rehn, H., Esselbach, M., Kowarschik, R., Ringhofer, K.H. Photorefractive novelty filters for transient phase evaluation 3571
Rehn, H., Fleck, B., Kowarschik, R. Measurement of phase differences with a novelty-filter phase-step technique 55925
Rehn, H., Kowarschik, R. A new image processing technique for transient fringe evaluation 46041
Rehn, H., Notni, G., Krause, A., Fleck, B., Tessling, A., Esselbach, M., Kowarschik, R., Wenke, L. Stationary and transient interferometry with a self-pumped phase conjugate mirror 4071
Rehn, L. *see* Iwanczyk, J.S. 37343
Rehse, O., Potzsch, M., von der Malsburg, C. Edge information: a confidence based algorithm emphasizing continuous curves 15879
Rehse, S.J. *see* Strauss, C.E.M. 7362
Rehwald, W.G., Reeder, S.B., McVeigh, E.R., Judd, R.M. Techniques for high-speed cardiac magnetic resonance imaging in rats and rabbits 28272
Rei Fang *see* Fang Rei
Reibe, T. *see* O'Dwyer, J. 29858
Reibman, A.R. *see* Ayanoglu, E. 47087
Reibman, A.R. *see* Ayanoglu, E. 57958
Reibman, A.R. *see* Chandra, K. 15805
Reich, H. *see* Steck, M. 37080
Reich, H. *see* Stohlker, Th. 7727
Reich, M., Tunnermann, A., Welling, H. Efficient fourth-harmonic generation of a diode-pumped single-frequency Q-switched Nd:YAG laser with low amplitude noise 14026
Reich, N. *see* Mentel, J. 23758
Reich, R. *see* Beyer, R. 43228
Reich, R.K. Sub-Poisson statistics observed in an electronically shuttered and back-illuminated CCD pixel 17543
Reich, R.K., McGonagle, W.M., Gregory, J.A., Mountain, R.W., Kosicki, B.B., Savoye, E.D. High performance charge-coupled-device imager technology for plasma diagnostics 36661
Reich, R.K. *see* Waxman, A.M. 17511
Reich, S. On higher-order semi-explicit symplectic partitioned Runge-Kutta methods for constrained Hamiltonian systems 52566
Reichardt, T.A., Lucht, R.P. Degenerate four-wave mixing spectroscopy with short-pulse lasers: theoretical analysis 24198
Reiche, H. A reliability study of a small vehicle 52375
Reiche, M. *see* Edelman, F. 12307
Reiche, M. *see* Tong, Q.-Y. 42516
Reiche, P. *see* Donecker, J. 10594
Reichel, F. *see* Burkle, R. 13709
Reichel, P. *see* Hempel, A. 37272
Reichel, T. Power Reflection Meter NRT: the next generation in directional power meters 48754
Reichel, T. *see* Desel, T. 59590
Reichel, V. *see* Glas, P. 33426
Reichelt, G.E. *see* Ehrich, M. 53787
Reichelt, R. *see* Schenk, M. 18304
Reichelt, T. *see* Eisenhammer, T. 10861
Reichenbach, J.R. *see* Hacklander, T. 7883
Reichenbach, J.R. *see* Hacklander, T. 37699
Reichenbach, J.R. *see* Lai, S. 18281
Reichenbach, M. *see* Dobert, S. 37145
Reichenbach, S.E., Haake, K. Cubic convolution for one-pass restoration and resampling 5042
Reichenbacher, S. *see* Sartorius, B. 23965
Reichert, A. *see* Volk, T. 44735
Reichert, C.R. Improving the quality of black oxide on flexible circuitry by optimisation of filtration and agitation systems 31621
Reichert, E. *see* Drescher, P. 12069
Reichert, F. *see* Bottcher, M. 14634
Reichert, G., Raynaud, C., Balestra, F., Cristoloveanu, S. SOI-MOSFET parameters for variable channel lengths in the high temperature range (300-600 K) 13000
Reichert, J. *see* Radloff, D. 27968
Reichert, K. *see* Vezzini, A. 29787
Reichert, T.L. *see* Schwartz, R.W. 40509
Reichert, W. *see* Lossy, R. 54364
Reichertz, L.A. *see* Itoh, K.M. 1991
Reichi, H. *see* Kallmayer, C. 22090
Reichl, H. *see* Aschenbrenner, R. 20897
Reichl, H. *see* Aschenbrenner, R. 30260
Reichl, H. *see* Azdasht, G. 12811
Reichl, H. *see* Azdasht, G. 22091
Reichl, H. *see* Beutler, U. 22092
Reichl, H. *see* Chmiel, G. 22115
Reichl, H. *see* Hahn, R. 52278
Reichl, H. *see* Jung, E. 12010
Reichl, H. *see* Jung, E. 20910
Reichl, H. *see* Jung, E. 22094
Reichl, H. *see* Kallmayer, C. 31649
Reichl, H. *see* Kloeser, J. 12009
Reichl, H. *see* Kloeser, J. 53829
Reichl, H. *see* Osterwald, F. 53834
Reichl, H. *see* Ostmann, A. 22085
Reichl, H. *see* Schubert, A. 30268
Reichl, H. *see* Simon, J. 17618
Reichl, H. *see* Simon, J. 20913
Reichl, H. *see* Topper, M. 53855
Reichl, H. *see* Zakel, E. 30399
Reichl, J.L. *see* Hoffman, J.B. 4398
Reichl, P. *see* Schuba, M. 26242
Reichling, M. *see* Hartmann, J. 48976
Reichmanis, E. *see* Nalamasu, O. 42826
Reichmann, K.C., Frigo, N.J. Spectral filtering and dispersion penalties associated with broad-band sources in digital broadcast video delivery 47971
Reichmann, K.C. *see* Frigo, N.J. 16762
Reichmeyer, H. *see* Perier, L. 61300
Reichmuth, R. *see* White, J.A. 29882
Reick, G.G., Manfull, D.E., Rukavina, J.P. An experiment on drying capability of a waterwash cleaning system 41659
Reid, D.C., Zoubir, A.M., Boashash, B. The bootstrap applied to passive acoustic aircraft parameter estimation 25206
Reid, D.C.J. *see* Fells, J.A.J. 50258
Reid, D.J. Enhanced genetic operators for the resolution of discrete constrained optimization problems 40105
Reid, D.T., McGowan, C., Ebrahimzadeh, M., Sibbett, W. Characterization and modeling of a noncollinearly phase-matched femtosecond optical parametric oscillator based on KTA and operating to beyond 4 μm 14406
Reid, D.T., Padgett, M., McGowan, C., Sleat, W.E., Sibbett, W. Light-emitting diodes as measurement devices for femtosecond laser pulses 48967
Reid, D.T. *see* McGowan, C. 24101
Reid, D.T. *see* McGowan, C. 24122
Reid, F. *see* Vaitekunas, D.A. 38166
Reid, I.D. *see* Bradshaw, K.J. 46309
Reid, I.M. *see* Valentic, T.A. 18854
Reid, J. Plugging the holes in host-based authentication 24672
Reid, J.J.E. *see* Tiemeijer, L.F. 16748
Reid, J.M. *see* Shankar, P.M. 7980
Reid, J.R., Bright, V.M., Comtois, J.H. A surface micromachined rotating micro-mirror normal to the substrate 44151
Reid, J.R., Bright, V.M., Stewart, J.T., Kosinski, J.A. Reducing the normal acceleration sensitivity of surface transverse wave resonators using micromachined isolation systems 13404
Reid, J.S. *see* Sun, X. 42651
Reid, P.R. *see* Sweeney, R.J. 37844
Reid, R.S. *see* Beard, C.A. 7757
Reid, S. *see* Vasak, J. 31083
Reid, T.J. *see* Gardiner, C.K. 26721
Reid, T.R. *see* Chronis, W.C. 37001
Reidel, P., Schroeder, R. Spider DMS–an open and modular network control system for use in medium-voltage distribution networks 19301
Reidelbach, K., Gross, P., Pozimski, J., Jakob, A., Doelling, R., Klein, H. Investigation of space-charge-compensated ion beams with a time-resolving ion energy spectrometer 59128
Reidy, D.M. *see* Rappaport, C.M. 8671
Reier, F. *see* Morl, L. 13655
Reier, F.-W. *see* Hoffmann, D. 16731
Reif, F. *see* Kleier, S. 57980
Reif, J.H. Work-efficient parallel solution of Toeplitz systems and polynomial GCD 30593
Reif, K., Sonnemann, F., Unbehauen, R. Modification of the extended Kalman filter with an additive term of instability 45824
Reif, R. *see* Kim, H. 31792
Reif, R. *see* Lutsky, J.J. 41517
Reif, R. *see* Nakano, T. 12898
Reiff, P.H. *see* Greenwald, R.A. 38062
Reifschneider, N. *see* Hentschke, S. 17315
Reig, C., Navarro, E.A., Such, V. FDTD analysis of an E-sectoral horn excited by an opened microstrip 24567
Reigelsperger, W.C. *see* Ngo, A.D. 8705
Reiger, M.A., Dyer, J.W., Geselowitz, D.B., Berbari, E.J. Interpolation of local activation times versus potentials to derive an activation map in infarcted myocardium 37779
Reijenga, T.H. Photovoltaics in architecture in the Netherlands: an architect's view 19618
Reijs, V. *see* Guillen, A. 6236
Reiley, D.J., Beckman, M., Sasian, J. Optical engineering of photonic switching systems 47495
Reiley, D.J. *see* Hinterlong, S.J. 35886
Reiley, D.J. *see* Lentine, A.L. 58290
Reiley, M.F. *see* Subotic, N.S. 27066
Reiley, T.C., Albrecht, T.R., Moser, M.A., Ruiz, O., Pattanaik, S., Tzeng, H.M., Fan, L.-S., Lee, F.C., Chieng, C.C. Microfile–a one-inch disk drive technology demonstration 3212
Reilly, D. *see* Wilson, L.W. 38113
Reilly, F. Networks–user needs 57898
Reilly, H.F., Jr. *see* Chen, J.C. 34341
Reilly, J.F. *see* Nguyen, L.T. 20945
Reilly, J.J. *see* Lim, N.S. 61041
Reilly, J.P. *see* Chen, W. 4626
Reilly, M. *see* Carcia, P.F. 32869
Reiman, E.M. *see* Kewei Chen 28233
Reiman, M.I. *see* Mitra, D. 35376
Reimann, I. *see* Portsel, L.M. 36648
Reimann, K., Haselhoff, M., Ruebenacke, S., Steube, M. Determination of the pressure dependence of band-structure parameters by two-photon spectroscopy 22227
Reimann, R. *see* Holland, C. 48186
Reimann, S.M., Persson, M., Lindelof, P.E., Brack, M. Shell structure of a circular quantum dot in weak magnetic fields 2037
Reimann, T., Pezoldt, J. The dynamic behaviour of power transistors at impressed di/dt in ZVS applications 42953
Reimer, K., Quenzer, H.J., Demmeler, R., Wagner, B. One-level gray-tone lithography: mask data preparation and pattern transfer 23021
Reimer, P. *see* Niederwald, H. 875
Reimers, J.N. *see* Gao, Y. 29596
Reimers, J.R., Hush, N.S. Analytic solutions to resonant and non-resonant through-bridge electronic coupling 53818
Reimers, J.R., Lu, T.X., Crossley, M.J., Hush, N.S. Molecular electronic properties of fused rigid porphyrin-oligomer molecular wires 53819
Reimers, U. DVB-T: the COFDM-based system for terrestrial television 58529
Rein, A. *see* Zandler, G. 12858
Rein, H.-M. *see* Muller, M. 54778
Rein, H.M. *see* Treitinger, L. 13114
Rein, H.M. *see* Treitinger, L. 22952
Reina, G., Porat, B. Comparative performance analysis of two algorithms for instantaneous frequency estimation 4673
Reinacher, N.M. *see* Brandt, M.S. 13880
Reinartz, R. *see* Rente, C. 59279
Reinbold, J. *see* Niggemann, M. 17587

Reinboth, K. *see* Sommerstange, M. 50868
Reinders, A. *see* Gijs, M.A.M. 43655
Reindl, T., Fuska, T., Walz, C., Cerva, H., Lemme, R., Weitzel, I., Kruehler, W., Pauli, M., Mueller, J. Chemical composition and characterization of the Si/C interface in poly-Si thin films on graphite substrates 10914
Reine, M.B., Krueger, E.E., O'Dette, P., Terzis, C.L., Denley, B., Hartley, J., Rutter, J., Kleinmann, D.E. Advances in 15 μm HgCdTe photovoltaic and photoconductive detector technology for remote sensing 50042
Reine, M.B. *see* Kim, J.S. 1997
Reine, M.B. *see* Mitra, P. 2306
Reine, M.B. *see* Mitra, P. 48560
Reinecke, J. Resynthesis as an aid to prosodic labelling 34667
Reinecke, M., Hansen, K. SDH-based optical transmission-system for applications in the high-energy physics 58278
Reineix, A. *see* Ariaudo, M. 44246
Reineker, P. *see* Yudson, V.I. 42217
Reiner, G. *see* Ebeling, K.J. 3886
Reiner, G. *see* Fiedler, U. 26763
Reiner, G. *see* Fiedler, U. 44570
Reiner, G. *see* Jager, R. 33528
Reiner, G. *see* Loffler, M.J. 38184
Reiner, G. *see* Michler, P. 55708
Reiner, G. *see* Schnitzer, P. 3851
Reiner, G. *see* Schnitzer, P. 48002
Reiner, G. *see* Schnitzer, P. 58385
Reiner, G. *see* Weck, W. 33891
Reiner, G. *see* Weigl, B. 3897
Reiner, G. *see* Weigl, B. 55609
Reiner, H. *see* Knierim, A. 32900
Reiner, J.C. Latent gate oxide damages caused by CDM-ESD 32559
Reiner, R. *see* Bueter, T. 19480
Reiners, E. *see* Schuller, M. 18732
Reinert, J. *see* Backhaus, K. 51708
Reinertsen, R. Residual life of technical systems; diagnosis, prediction and life extension 20992
Reinertson, R.C. *see* Smith, C.W. 43830
Reinhand, N. *see* Ludman, J.E. 24049
Reinhand, N.O. *see* Ludman, J.E. 61086
Reinhard, I., Gabrysch, M., Fischer von Weikersthal, B., Jungmann, K., zu Putlitz, G. Measurement and compensation of frequency chirping in pulsed dye laser amplifiers 13981
Reinhard, M.I. *see* Khivrich, V.I. 28020
Reinhard, M.Von *see* Von Reinhard, M.
Reinhardt, F., Dwir, B., Biasiol, G., Kapon, E. Atomic force microscopy of III-V nanostructures in air 2118
Reinhardt, F., Dwir, B., Biasiol, G., Kapon, E. Step ordering during OMCVD growth on non-planar substrates 52653
Reinhardt, F. *see* Biasiol, G. 737
Reinhardt, F. *see* Biasiol, G. 40484
Reinhardt, F. *see* Dwir, B. 40434
Reinhardt, G. *see* Somov, S. 36782
Reinhardt, K. *see* Vichare, M. 12883
Reinhardt, K. *see* Vichare, M. 12980
Reinhardt, K. *see* Wojtczuk, S. 38976
Reinhardt, K.C., Lamp, T.R., Geis, J.W., Colozza, A.J. Solar-powered unmanned aerial vehicles 18704
Reinhardt, K.C., Marciniak, M.A. Wide-bandgap power electronics for the More Electric Aircraft 18661
Reinhardt, L., Makijarvi, M., Fetsch, T., Montonen, J., Katila, T., Breithardt, G. Non-invasive risk modeling after myocardial infarction 49705
Reinhardt, L. *see* Sierra, G. 59730
Reinhardt, L. *see* Vosschulte, P. 49706
Reinhardt, M., Frey, T. Turbo-equalisation for symbol-spread block transmission system 16518
Reinhardt, R.T. *see* Takaya, K. 57053
Reinhart, F.K. *see* Achtenhagen, M. 3825
Reinhart, F.K. *see* Achtenhagen, M. 55647
Reinhart, F.K. *see* Monnard, R. 33118
Reinhart, F.K. *see* Robadey, J. 23900
Reinhart, F.K. *see* Robadey, J. 33523
Reinhart, G., Kohne, T. Design of autonomous manufacturing systems 39946
Reinhart, G.M., Sit, W. Differentially homogeneous differential polynomials 21017
Reinhart, M. Technical specifications improvements and optimization through emerging technology and probabilistic assessment [nuclear plants] 38548
Reinhart, W.F., Nelson, S.N. Monocular display validation for the dismounted soldier 18984
Reinhart, W.F., Post, D.L. Human factors of two-primary color AMLCDs 17634
Reinheimer, E. *see* Barber, R. 34119
Reinhold, H. Blue pinch halogen studio lamps for external video recording 61322
Reinhold, H. *see* Nagel, A. 51373
Reinhorn, S., Amitai, Y., Friesem, A.A., Lohmann, A.W., Gorodeisky, S. Compact optical crossbar switch 44748
Reinhorn, S. *see* Shechter, R. 4108
Reinhorn, S. *see* Shechter, R. 4151
Reinhoudt, D.N. *see* Wroblewski, W. 48436
Reininger, D., Kwok, W. Joint rate control for multiplexing VBR MPEG video 35354
Reininger, D. *see* Raychaudhuri, D. 26333
Reininger, F., Kolle, C., Gruber, W., Trettnak, W. Current progress in O_2 measurement by luminescence quenching 27709
Reininger, H. *see* Euler, S. 34674
Reininger, H. *see* Kasper, K. 24877
Reininger, H. *see* Kasper, K. 34673
Reininger, H. *see* Schalk, H. 34660
Reininger, H. *see* Schlothauer, M. 34668
Reininger, R. *see* Fisher, M.V. 37551
Reininghaus, U. *see* Wilkening, E.-D. 29485
Reinisch, B.W. *see* Greenwald, R.A. 38062
Reinker, D.M. Wavelength division multiplexing using 3D interconnection structures 3666
Reinmuth, K., Heil, H. Mini PROFET family: rugged high-side switches with extremely low quiescent current 43136
Reinmuth, K. *see* Heil, H. 11178
Reinmuth, K. *see* Heil, H. 31114
Reinold, J. Performance implications of next generation PowerPC™ microprocessor cache architectures 41178
Reinot, T., Kim, W.-H., Hayes, J.M., Small, G.J. New standard for high-temperature persistent-holeburning molecular materials: aluminum phthalocyanine tetrasulphonate in buffered hyperquenched glassy films of water 55846
Reinsch, B. *see* Saje, B. 924
Reinschmidt, R. *see* Liu, K. 12050
Reinschmidt, R. *see* Skinner, M.I. 53846
Reinschmidt, R. *see* Skinner, M.P. 302
Reinshaus, P. *see* Muller, E. 31926
Reinstein, L. *see* Ling, C.C. 8088
Reinstein, L.E. *see* Amols, H.I. 59767
Reintjes, J. *see* Bashkansky, M. 11025
Reintjes, J. *see* Bashkansky, M. 21415
Reintsema, C.D. *see* Grossman, E.N. 32962
Reinwardt, G. *see* Helmreich, K. 48349
Reipath, T.W. *see* Brookes, J.A. 59406
Reis, D. *see* Bamber, C. 55579
Reis, F.S.Dos *see* Dos Reis, F.S.
Reis, G. Method for improving resolution of microcontroller-ADCs 53367
Reis, J. *see* Tsang, E. 20664
Reis, R. *see* Moraes, F. 13070
Reisenbichler, K.R. *see* Tusting, R.F. 49998
Reiser, B. *see* Flehinger, B.J. 10213
Reiser, D. *see* Denninger, G. 41974
Reiser, M. Beam physics design strategy for a high-current RF linac 7700
Reiser, M., Bernal, S., Dragt, A., Venturini, M., Wang, J.G., Onishi, H., Godlove, T.F. Design features of small electron ring for study of recirculating space-charge-dominated beams 59138
Reiser, M., Brown, N. RF linac designs with beams in thermal equilibrium 18041
Reiser, M. *see* Allen, C.K. 37092
Reiser, M. *see* Bernal, S. 59136
Reiser, M. *see* Brown, N. 17891
Reiser, M. *see* Guharay, S.K. 22713
Reiser, M. *see* Guharay, S.K. 42867
Reiser, M. *see* Haber, I. 18026
Reiser, M. *see* Lawson, W. 37138
Reiser, M. *see* Venturini, M. 59137
Reiser, M. *see* Wang, J.G. 18025
Reiser, M. *see* Wang, J.G. 49096
Reiser, M. *see* Wang, W. 37178
Reisfeld, D. Constrained phase congruency: simultaneous detection of interest points and of their orientational scales 5290
Reisfeld, R. *see* Finkelstein, I. 33391
Reising, D.V. *see* Moray, N. 60484
Reising, J.M. *see* Liggett, K.K. 59932
Reising, J.M. *see* Solz, T.J., Jr. 19004
Reising, S.C. *see* Fullekrug, M. 45133
Reisinger, T., Rosenauer, A., Franzen, F., Gebhardt, W. In-situ growth control of ZnSe/GaAs and $Zn_xCd_{1-x}Se/ZnSe$ quantum wells 21244
Reisinger, T. *see* Gebhardt, W. 21242
Reisinger, T. *see* Griebl, E. 22387
Reisinger, T. *see* Rosenauer, A. 22241
Reisloehner, U. *see* Herre, O. 32121
Reisman, A., Horvak, W., Lavelle, R., Chernilin, Y., Stukalov, V. Economic and technical analysis of the Russian nuclear power sector 29008
Reisman, A. *see* Kim, H.S. 32394
Reisman, S.S. *see* Zhang, P.Z. 49666
Reisner, D.E. *see* Cole, J.H. 18735
Reiss, G. *see* Lucinski, T. 23352
Reiss, K. *see* Dietermann, A. 34134
Reiss, K. *see* Dietermann, A. 39809
Reiss, K. *see* Weber, M. 34174
Reiss, S. *see* Strobel, M. 31758
Reisse, G., Weissmantel, S., Keiper, B., Weber, A. Properties of pulsed laser deposited boron nitride films 40523
Reisse, G. *see* Weissmantel, S. 43879
Reissel, M. Three-dimensional eddy-current computation using Krylov subspace methods 55971
Reissig, G., Feldmann, U. Computing the generic index of the circuit equations of linear active networks 1092
Reissner, M. *see* Lileev, A.S. 3149
Reita, C. *see* Colalongo, L. 54628
Reita, C. *see* Tallarida, G. 12984
Reitboeck, H.J. *see* Stoecker, M. 57401
Reitenspiess, M. Providing highly available computer systems for telecommunication applications 35800
Reitenspiess, M. *see* Steffen, B. 35794
Reiter, J.M., Arndt, F. Full-wave analysis of circular waveguide horn antennas including the outer wall geometry with an hybrid MM/BCMM method 34338
Reiter, N. *see* Powell, R.C. 39062
Reiter, R.A. *see* Boies, M.T. 49893
Reiter, R.A. *see* El-Dinary, A.S. 6973
Reiter, R.A. *see* El-Dinary, A.S. 49895
Reiter, R.A. *see* Le, B.Q. 49896
Reithmaier, J.P. *see* Hofling, E. 55613
Reitlinger, C.E. *see* Martin, V.E. 3117
Reito, S. *see* Randazzo, N. 37511
Reito, S. *see* Russo, G.V. 18137
Reitseng Lin, Wong, E.K. Morphological operations on images represented by quadtrees 25406
Reizik, G. *see* Redl, R. 43049
Rej, D.J. *see* Nastasi, M. 10885
Rejaei, B. *see* Tanaka, Y. 12581
Rejent, J. *see* Vianco, P. 1779
Rejent, J.A. *see* Vianco, P.T. 40703
Rejon, L., Flores, R., Ponce, M.A., Castano, V.M. Electrical behaviour of a carbon black-filled polymer-based concrete 54965
Rejon, L., Ponce, M.A., Vazquez-Polo, G., Casteno, V.M. Mechanical properties of carbon black-filled polymeric concrete 939
Rejon, L. *see* Nava, R. 40696
Rejon, V., Castro-Rodriguez, R., Bonilla, M., Ramirez, A. Implicit linear control law of a close-spaced vapor transport process 40407
Rejouan, E. *see* Guettaf, A. 11383
Rek, Z.U. *see* Smeys, P. 42555
Rekanos, I.T., Theodoulidis, T.P., Panas, S.M., Tsiboukis, T.D. Impedance inversion in eddy current testing of layered planar structures via neural networks 52904
Rekanos, J.T., Tsiboukis, T.D. Electromagnetic field inversion using the Quickprop method 44887
Rekart, D.M. *see* Zissman, M.A. 14979
Rekeczky, C., Roska, T., Ushida, A. CNN based self-adjusting nonlinear filters 35106
Rekeczky, C. *see* Kishida, J. 4957
Rekha, A., Sunder, T.S. Survival function of a component under random strength attenuation 52377
Rekhter, Y., Kandlur, D. Phasing ATM technology into an IP environment 46647
Rekkedal, T. From electronic mail to Internet–where does it take us? 47185
Reklinskii, S.R. *see* Anders, V.I. 11164
Rekstad, J. *see* Liu, S.T. 22910
Rekveldt, M.T. *see* Por, P.T. 13451
Rekveldt, M.T. *see* Por, P.T. 13454
Rekveldt, M.T. *see* Por, P.T. 13466
Reljin, B., Kostic, P., Serdar, T., Pavasovic, A. Single-amplifier CNN cell suitable for VLSI CMOS implementation 41373
Reljin, B., Ristic, S., Sreckovic, M. Analysis of some physical phenomena and processes by equivalent electrical circuits 21423
Reljin, B.D. *see* Bakic, P.R. 25556
Rella, R., Serra, A., Siciliano, P., Micocci, G., Tepore, A., Valli, L. Gas sensitivity measurements on NO_2 sensors based on new macromolecule LB films 58889
Rella, R., Serra, A., Siciliano, P., Tepore, A., Troisi, L., Valli, L. Characterization of novel copper phthalocyanine Langmuir-Blodgett films for NO_2 detection 36742
Rella, R., Serra, A., Siciliano, P., Tepore, A., Valli, L., Zocco, A. Effects of NO_2 oxidizing gas on a novel phthalocyanine Langmuir-Blodgett thin film 48714
Rella, R. *see* Micocci, G. 48735
Reller, A. *see* Tolstoy, V.P. 52717
Remacle, J.-F., Dular, P., Henrotte, F., Genon, A., Legros, W. On the resolution of magnetostatic and magnetodynamic mixed formulations 44934
Remacle, J.-F. *see* Dular, P. 44929
Remaki, B. *see* Kaabi, L. 32117
Remashan, K. *see* Rao, P.R.S. 22454
Rembold, U. *see* Fatikow, S. 17217
Rembold, U. *see* Weckesser, P. 27470
Remenieras, J.P. *see* Kouame, D. 45988
Remenieras, J.P. *see* Kouame, D. 56517
Remennyi, M.A. *see* Zotova, N.V. 44465
Remenyuk, A.D. *see* Astrova, E.V. 44199
Remenyuk, A.D. *see* Astrova, E.V. 44220
Remenyuk, A.D. *see* Averkiev, N.S. 32098
Remes, J., Moilanen, H., Leppaevuori, S. Laser-assisted chemical vapor deposition of nickel and laser cutting in integrated circuit restructuring 52824
Remes, J. *see* Leppavuori, S. 54490
Remesnik, V.G. *see* Talipov, N.K. 32147
Remiens, D. *see* Cattan, E. 40601
Remiens, D. *see* Jaber, B. 52803
Remillard, P. *see* Capone, B. 17531
Remillieux, A., Jacquier, B. Spectroscopic characteristics and modeling of the Pr^{3+} doped fluoride fibre amplifier 23782
Remillieux, J. *see* Artru, X. 49308
Remin Lin, Chen, S.-Y.J., Mor-Avi, V., Bednarz, J., Chin-Tu Chen, Lang, R.M. Three-dimensional reconstruction of LV endocardial surfaces from echocardiographic images using deformable shell models 49528
Remin Lin, Wei-Chung Lin, Chin-Tu Chen Adaptive finite-element meshes for progressive contour models 5061
Remin Lin, Wei-Chung Lin, Ching-Tu Chen Recovery of 3-D closed surfaces using progressive shell models 5056
Remington, B.A. *see* Robey, H.F. 37570

Remis, R.F., van den Berg, P.M. A modified Lanczos reduction method for the computation of transient wavefields 34029
Remizovich, V.S., Radkevich, A.V. Calculation of light fields using the modified $2P_0$ approximation in the framework of the method of separation of light fluxes 4266
Remlein, P. The realisation of the noncoherent receiver of coded continuous phase modulation 57551
Remley, K.A. *see* Weisshaar, A. 48623
Remm, J.-F., Alexandre, F., Savy, L. Automatic radar target identification using neural networks 27078
Remme, R., Dresig, F. Resources economy: technological synthesis of FPGAs versus library-oriented synthesis 21599
Remme, R. *see* Ditzinger, A. 11427
Remmer, D.P. *see* Jennings, S.U. 60321
Remmes, N.B. *see* Seong-Don Hwang 52772
Remnev, G.E. *see* Bayazitov, R.M. 32145
Remnev, G.E. *see* Ivanov, Yu.F. 10925
Remo, J.L. Solid state optic vibration/displacement sensors 7395
Remoissenet, M. *see* Seve, E. 13571
Rempel, A.W. *see* Chen, A. 13541
Rempel, D. *see* Martin, B.J. 49584
Rempel, G. On the efficiency of maximum likelihood bit synchronizers 5691
Remsen, A., Hopkins, T.L., Sutton, T.T., Wilcox, T., LeBlanc, L. A high frequency chirp sonar to be deployed on the High Resolution Sampler (HRS II) and capable of sizing small zooplankton 50127
Remy, B. *see* Costes, J.R. 50740
Remy, F., Legresy, B., Bleuzen, S., Vincent, P., Minster, J.F. Dual-frequency Topex altimeter observations of Greenland 28655
Remy, J. *see* Remy-Jardin, M. 37640
Remy, J.C. *see* Bouteville, A. 908
Remy, J.L. *see* Alonso, L. 30471
Remy, M. *see* Chatei, H. 40422
Remy-Jardin, M., Remy, J., Gosselin, B., Copin, M.C., Wurtz, A., Duhamel, A. Sliding thin slab, minimum intensity projection technique in the diagnosis of emphysema: histopathologic-CT correlation 37640
Ren, D. *see* Adam, A. 37280
Ren, D.Hua *see* Hua Ren, D.
Ren, F., Grow, J.M., Bhaskaran, M., Lee, J.W., Varturli, C.B., Lothian, J.R., Flemish, J.R. Electron cyclotron resonance etching of SiC in SF_6-O_2 and NF_3-O_2 plasmas 22589
Ren, F., Grow, J.M., Bhaskaran, M., Wilson, R.G., Pearton, S.J. Hydrogen passivation in n- and p-type 6H-SiC 54457
Ren, F., Hamm, R.A., Wilson, R.G., Pearton, S.J., Lothian, J.R. Passivation of carbon doping in InGaAs during ECR-CVD of SiN_x 22793
Ren, F., Hobson, W.S., Lothian, J.R., Lopata, J., Pearton, S.J., Caballero, J.A., Cole, M.W. Extremely high etch rates of In-based III-V semiconductors in BCl_3/N_2 based plasma 2403
Ren, F., Hong, M.W., Hobson, W.S., Kuo, J.M., Lothian, J.R., Mannaerts, J.P., Kwo, J., Chen, Y.K., Cho, A.Y. Enhancement-mode p-channel GaAs MOSFETs on semi-insulating substrates 43103
Ren, F., Lothian, J.R., Mackenzie, J.D., Abernathy, C.R., Vartuli, C.B., Pearton, S.J., Wilson, R.G. Plasma damage effects in InAlN field effect transistors 22876
Ren, F. *see* Durbha, A. 12536
Ren, F. *see* Durbha, A. 54258
Ren, F. *see* Hong, J. 12738
Ren, F. *see* Hong, J. 22590
Ren, F. *see* Hong, J. 32187
Ren, F. *see* Lee, J.W. 22587
Ren, F. *see* Lee, J.W. 22592
Ren, F. *see* Lee, J.W. 54437
Ren, F. *see* Lee, J.W. 54459
Ren, F. *see* Lee, K.N. 42519
Ren, F. *see* Passlack, M. 22480
Ren, F. *see* Pearton, S.J. 22262
Ren, F. *see* Pearton, S.J. 22591
Ren, F. *see* Shul, R.J. 22588
Ren, F. *see* Vartuli, C.B. 12764
Ren, F. *see* Vartuli, C.B. 54244
Ren, F. *see* Shul, R.J. *(editor)* 9839
Ren, F.-C. *see* Chang, C.-J. 47705
Ren, G.B. *see* Dewsnip, D.J. 41949
Ren, H.W. *see* Shen, X.Q. 30781
Ren, J. *see* Johnson, M.A.L. 30834
Ren, Q.S., Willis, A.J. Fast root MUSIC algorithm 45854
Ren, S.-F., Shen, J. Ab initio pseudopotential calculations of InAs/AlSb heterostructures 31972
Ren, W., Meng, Z.Q., Tateiba, M. Spectral-domain Galerkin approach for scattering by a homogeneous anisotropic object 56009
Ren, X. *see* Gladden, D.B. 42691
Ren, Y., Palmer, R.D., Fukao, S., Yamamoto, M., Nakamura, T. Measurements of vertical velocities and divergence in the atmosphere using the MU radar in Japan 18826
Ren, Z., Bicanic, N. Rate-dependent smeared crack model in transient dynamic analyses 10572
Ren, Z. *see* El Feddi, M. 44869
Ren, Z.B. *see* Rose, A.H. 7382
Ren Congxin *see* Congxin Ren
Ren Dahai *see* Yang Xueyou 39886
Ren Gonghai *see* Wang Ling 53144
Ren Guoquan, Ye Zhisheng, Wang Shengping, Gao Huimin A holography with electro-optical framing 24305
Ren Hong *see* Hong Ren
Ren Hong-Wen *see* Hong-Wen Ren
Ren Hongwen, Shen Xuqiang, Nishinaga, T. In situ observation of macrostep formation on misoriented GaAs(111)B by molecular beam epitaxy 10685
Ren Jialie *see* Cheng Wuzhu 4168
Ren Jianwen *see* Zhou Qingjie 29507
Ren Jinhua A method for exchanging remote data of fault recorder 28958
Ren Jun *see* Zhan Yushu 36580
Ren Jun-Yan *see* Ye Bo 53357
Ren Lang *see* Wang Junhong 14741
Ren Lixin, Li Xiwu ABB MODCELL multiloop controller and its application in power plant control 60543
Ren Mingzhang, Lian Xiaomin, Jiang Xiaoyu Research and development of a diagnostic expert system for gearbox noise 49008
Ren Qinghai *see* Qinghai Ren
Ren Qingyu *see* Huang Dading 30803
Ren Shenghai Study of anti-cofrequency interference antenna for 900 MHz mobile communication applications 58219
Ren Shouju *see* Shouju Ren
Ren Wei *see* Wei Ren
Ren Wenge *see* Chen Gelin 8567
Ren Xuebing *see* Yu Guohua 44156
Ren Youlai, Yan Xinglong, Yang Hongru Investigation on linewidth of a CPM Nd:YAG laser 14022
Ren Youlai *see* Yan Xinglong 44429
Ren Yuhe *see* Yuhe Ren
Ren Zhao-Xing *see* Zhao-Xing Ren
Ren Zhen *see* Wang Yanling 38328
Ren Zhizhang *see* Huang Dading 30803
Ren-Cang Li Relative perturbation bounds for the unitary polar factor 30602
Ren-Chang Chu *see* Chi-Yen Shen 55265
Ren-Chuen Chen *see* Jinn-Liang Liu 658
Ren-Han Tsou, Ching-Cherng Sun, Jenq-Yang Chang, Ming-Wen Chang Optical storage capacity of volume holograms with random phase-coded multiplexing 23452
Ren-Han Tsou *see* Ching-Cherng Sun 24274
Ren-Han Tsou *see* Hsin-Hua Chang 33653
Ren-Hong Wang *see* Zhong-Xuan Luo 508
Ren-Huey Hsu *see* Sheng-Hua Lu 14234
Ren-Kuang Lung *see* Lung Ren-Kuang
Ren-Kuei Yang *see* Ying-Dar Lin 35644
Ren-Qing Pei *see* Xiao-Gang Wang 24958
Ren-Ying Sun, Shi-Ji Fan, Jin-Di Wu, Ya-Fang Lin PKN--a strong piezoelectric crystal 13234
Ren-Ying Sun *see* Shi-Ji Fan 10625
Renaldo, M. *see* Brosio, A. 26856
Renals, S., Hochberg, M. Efficient evaluation of the LVCSR search space using the NOWAY decoder 14884
Renard, B., Combes, P., Olsen, F. An SDL/MSC environment for service interaction analysis 47267
Renard, M., Dobie, P., Grodent, C., Woszczyk, P., Sobeczko, A. Optical telecommunications: Performance of the Proto-Flight Model SILEX Beacon 6801
Renard, P.A. *see* Widmayer, C.C. 23873
Renaud, J.-C. *see* Jasmin, S. 58355
Renaud, M., Bachmann, M., Erman, M. Semiconductor optical space switches 47948
Renaud, M., Masetti, F., Guillemot, C., Bostica, B. Network and system concepts for optical packet switching 58370
Renaud, M., Vinchant, J.F., Goutelle, A., Martin, B., Ripoche, G., Bachmann, M., Pagnod, P., Gaborit, F. Compact digital optical switches for low insertion loss large switch arrays on InP 16730
Renaud, M. *see* Bostica, B. 47499
Renaud, M. *see* Jerominek, H. 17367
Renaud, M. *see* Mestric, R. 47946
Renaud, M. *see* Nolting, H.-P. 47935
Renaud, P. *see* Luginbuhl, P. 13163
Renaud, P. *see* Rossignol, V. 10719
Renaudin, M. *see* Clarencon, D. 37827
Renault, B. *see* Pezard, L. 37767
Renault, F. *see* Flores-Guevara, R. 18405
Renault, I. *see* Bulot, M. 38925
Renault, I. *see* Collet, J. 52348
Renault, O. A new algorithm for computing orthogonal polynomials 10436
Renault, O. *see* Marchisio, L. 35672
Renault, O. *see* Marchisio, L. 46933
Renben Shu *see* Li Yang 57921
Rencz, M. *see* Kohari, Z. 43223
Rencz, M. *see* Szekely, V. 20956
Rencz, M. *see* Szekely, V. 36375
Rencz, M. *see* Szekely, V. 40823
Rencz, M. *see* Szekely, V. 52203
Rencz, M. *see* Szekely, V. 52287
Rencz, M. *see* Szekely, V. 54733
Rendakova, S.V. *see* Nikolaev, A.E. 10766
Rende Zhou *see* Ning Zhu 53143
Rendek, P. *(editor)* Proceedings of JENC7. 7th Joint European Networking Conference (JENC7). Networking in the Information Society 30
Rendell, R.W., Ancona, M.G. Adaptive computation by interacting quantum dots 32467
Rendina, I. *see* Cocorullo, G. 7257
Rendina, I. *see* Cocorullo, G. 33088
Rendina, I. *see* Cocorullo, G. 33314
Rendina, I. *see* Cocorullo, G. 58695
Rendusara, D.A., Von Jouanne, A., Enjeti, P.N., Paice, D.A. Design considerations for 12-pulse diode rectifier systems operating under voltage unbalance and pre-existing voltage distortion with some corrective measures 29391
Renegar, J. Condition numbers, the barrier method, and the conjugate-gradient method 10412
Reneman, R.S. *see* Brands, P.J. 7930
Reneman, R.S. *see* Brands, P.J. 7981
Reneman, R.S. *see* Muijtjens, A.M.M. 18320
Ren'en Sun *see* Sun Ren'en
Renesse, R.van *see* van Renesse, R.
Renevot, J. *see* Groz, R. 25957
Renfeng Cao *see* Cao Renfeng
Renfordt, R. *see* Bieser, F. 59307
Renfors, M. *see* Hang, Z. 45968
Renfors, M. *see* Rinne, J. 16053
Renfrew, A.C. *see* Lu, C.W. 61219
Renfu He *see* He Renfu
Rengachari, V. *see* Pal, R. 4361
Rengarajan, S.R. Mutual coupling between slots cut in rectangular cylindrical structures: spectral domain technique 14760
Rengarajan, S.R. Mutual coupling between waveguide-fed longitudinal broad wall slots radiating between baffles 24602
Rengarajan, S.R. *see* Ares, F. 24604
Rengarajan, S.R. *see* Ares, F. 34398
Rengarajan, S.R. *see* Ares, F. 34416
Rengarajan, S.R. *see* Ares, F. 45427
Rengarajan, S.R. *see* Joubert, J. 34461
Rengarajan, S.R. *see* Joubert, J. 53535
Rengarajan, S.R. *see* Yaccarino, R.G. 45351
Renger, T. *see* Kroner, H. 46916
Renglet, M. *see* Mpanda-Mabwe, B. 50513
Renglet, M. *see* Omekanda, A.M. 29272
Renhart, W. *see* Biro, O. 44939
Renhorn, I. *see* Millnert, M. 7602
Renhua Wang *see* Wang Renhua
Renier, E., Meriaudeau, F., Suzeau, P., Truchetet, F. CCD temperature imaging: applications in steel industry 48659
Renier, E., Meriaudeau, F., Truchetet, F. CCD technology applied to industrial welding applications 168
Renier, E. *see* Meriaudeau, F. 27960
Renier, J.P. *see* Difilippo, F.C. 19486
Reniewicz, H., Andrejczuk, A., Dobrzynski, L., Recko, K., Waliszewski, J., Zukowski, E., Firszt, F., Legowski, S., Meczynska, H., Szatkowski, J. Investigation of electronic structure of $Zn_{1-x}Mg_xSe$ mixed crystals by Compton spectroscopy method 12251
Renk, K.F. *see* Grenzer, J. 53606
Renk, K.F. *see* Ignatov, A.A. 42231
Renk, K.F. *see* Lankes, F. 32901
Renk, K.F. *see* Schomburg, E. 53616
Renk, K.F. *see* Winnerl, S. 42106
Renken, D. *see* Shu, Q.S. 49022
Renker, D. *see* Alexeev, G. 59200
Renlan Hu *see* Hu Renlan
Renlong Shi *see* Shi Renlong
Renn, A. *see* Graf, F.R. 33681
Renn, M.J. *see* Gauck, H. 44216
Renn, S.H., Pelloie, J.L., Balestra, F. Hot-carrier effects in deep submicron SOI MOSFETs 12999
Renn, S.H., Pelloie, J.L., Balestra, F. Hot-carrier effects in deep submicron thin film SOI MOSFETs 43076
Rennau, M. *see* Baumann, J. 42640
Renneberg, R. *see* Kunz, U. 7456
Renneberg, R. *see* Wendzinski, F. 36721
Renner, G. *see* Schreiber, B. 59933
Renner, H. Cutoff frequencies in diffusion-type power-law profile waveguides 55268
Renner, M. Using VME and SCSA open standard building blocks to configure computer telephony platforms 57749
Renner, T.R. *see* Daftari, I.K. 18503
Rennie, J. *see* Itaya, K. 3872
Renninger, R.G. *see* Nagaraj, K. 41267
Reno, J. *see* Tiesheng Li 22360
Renomeron, R.J. *see* Rabinkin, D.V. 21704
Renon, F. *see* Brosio, A. 26856
Renou, G. *see* Artru, X. 49308
Renovell, M., Azais, F., Bertrand, Y. On-chip signature analyser for analogue circuit testing 2768
Renovell, M., Huc, P., Bertrand, Y. The logic threshold based voting: a model for local feedback bridging fault 21616
Renowden, J., Richards, C. Monitor predicts flashover of contaminated insulators 19380
Renowden, J.D. *see* Richards, C.N. 38396
Rensburg, P.A.Janse van *see* Janse van Rensburg, P.A.
Renshall, J.T., Marks, G.W. The AstroEdge solar array for the NASA Small Spacecraft Technology Initiative "Clark" satellite 37999
Renshaw, P.F. *see* Maas, L.C. 28273
Rensing, P. *see* Abe, K. 37234
Rensmo, H., Lindstrom, H., Sodergren, S., Willstedt, A.-K., Solbrond, A., Hagfeldt, A., Lindquist, S.-E. Photocurrent losses in nanocrystalline/nanoporous TiO_2 electrodes due to electrochemically active species in the electrolyte 12606
Renson, L. *see* Barbier, C. 27022
Renstrom, P.J. *see* Chou, S.Y. 22732
Renstrom, P.J. *see* Krauss, P.R. 2559

Rente, C., Lauter, J., Engels, R., Reinartz, R., Apetz, R., Luth, H. Fast X-ray detection systems based on GaAs diodes grown by LPE 59279
Rente, C. *see* Braunschweig, W. 7808
Renterghem, P.van *see* van Renterghem, P.
Rentmeesters, M.J., Tsai, W.K., Kwei-Jay Lin A theory of lexicographic multi-criteria optimization 490
Renton, M.W. *see* Soreide, N.N. 50114
Renton, M.W. *see* Wallace, A.R. 19599
Rentsch, S. *see* Hein, J. 48960
Rentzepis, P. *see* McCormick, F. 55175
Rentzepis, P.M. *see* Dvornikov, A.S. 3341
Rentzepis, P.M. *see* Dvornikov, A.S. 43920
Rentzepopoulos, P.A., Kokkinakis, G.K. Efficient multilingual phoneme-to-grapheme conversion based an HMM 14864
Rentzsch, R. *see* Shlimak, I. 12683
Renucci, M. *see* Briot, O. 54092
Renvall, A., Ding, C. A nonlinear secret sharing scheme 24764
Renvall, A., Ding, C. The access structure of some secret-sharing schemes 24765
Renxin Xia *see* Barrows, A.K. 18612
Renyi, I. *see* Fazekas, Z. 37694
Renyi Gu *see* Gu Renyi
Renyuan Huang, Chin-Long Wey Design of high-speed high-accuracy current copiers for low-voltage analog signal processing applications 11616
Renyuan Tang *see* Tang Renyuan
Renz, G. *see* Jung, M. 51264
Renz, G. *see* Jung, M. 51272
Renz, K., Thumm, G., Weiss, S. Thyristor-controlled reactor enhances series capacitor applications 50518
Renz, K., Tyll, H., Thumm, G. Containerized SVCS–a novel design 50441
Renz, K.W. *see* Sobrink, K.H. 60614
Renzhong Hua, Liejia Qian, Ximing Deng Laser pulsewidth compression by coherent wave mixing in silicon 44616
Renzhong Hua *see* Hua Renzhong
Reolon, A. *see* Bosco, F. 47289
Reolon, A.R. *see* Rossi, P. 18092
Reorda, M.S. *see* Corno, F. 11260
Reorda, M.S. *see* Corno, F. 11387
Reorda, M.S. *see* Corno, F. 21734
Reorda, M.Sonza *see* Sonza Reorda, M.
Repalov, N.S. *see* Pignasty, O.M. 49100
Repasky, K.S., Brasseur, J.K., Wessel, J.G., Carlsten, J.L. Correcting an astigmatic, non-Gaussian beam 55795
Repasky, K.S., Carlsten, J.L. Frequency-asymmetric gain profile in a seeded Raman amplifier 23729
Repech, A. *see* Ravikumar, S. 6827
Repetto, F. *see* Trucco, A. 45436
Repetto, L. *see* Sacile, R. 18489
Repetto, M. *see* Bottauscio, O. 23320
Repetto, M. *see* Bottauscio, O. 24382
Repetto, M. *see* Costanzo, G. 27274
Repges, R. *see* Lehmann, T.M. 46441
Repin, D.V. *see* Evtikhiev, N.N. 5457
Repin, O.I. *see* Kozlitin, A.I. 17789
Repnow, R. *see* Madert, M. 49186
Repo, T., Silven, O. A vision sensor for building 3-D models of structured environment 15724
Repole, G. *see* Di Natale, C. 58885
Repond, J. *see* Teng, L.C. 17879
Repperger, D.W. *see* Chen, Y.C. 8226
Reppert, S. *see* Gille, A. 16600
Represa, J., Pereira, C., Panizo, M., Tadeo, F. A simple demonstration of numerical dispersion under FDTD [for EM field calculations] 33785
Reprintzev, L.V. *see* Ayzatsky, M.I. 37115
Reqqass, H., Lacharme, J.-P., Eddrief, M., Sebenne, C.A., Le Thanh, V., Zheng, Y.L., Petroff, J.-F. Influence of surface reconstruction on MBE growth of layered GaSe on Si(111) substrates 793
Requicha, A.A.G. *see* Junghyun Han 5040
Requicha, A.A.G. *see* JungHyun Han 5532
Rerick, R. *see* Klusewitz, G. 30162
Rerup, T.O., Crichton, G.C., McAllister, I.W. Using the λ function to evaluate probe measurements of charged dielectric surfaces 36854
Res, J.C.J. *see* Polley, R. 28438
Resakov, A.M. *see* Aleksandrov, A.V. 49205
Resch, G.M. *see* Teitelbaum, L.P. 45134
Resch, U. *see* Becker, K. 61239
Resch-Esser, U. *see* Knorr, K. 42434
Reschiglian, P., Valcher, S., Locatelli, C., Rossi, F.N., Melucci, D., Torsi, G. A high current, battery-operated power supply with power control through an on-off fast switch 40870
Reschke, D. *see* Dunkel, C. 57567
Reschke, J. *see* Schiller, N. 40533
Rescia, S. *see* Chase, R.L. 59343
Rescigno, A.A. On the communication complexity of polling 5801
Resende, F.G.V., Jr., Tokuda, K., Kaneko, M., Nishihara, A. Multi-band decomposition of the linear prediction error applied to adaptive AR spectral estimation 45763
Resende, L.S., Romano, J.M.T., Bellanger, M.G. A robust FLS algorithm for LCMV adaptive broadband beamformer 15409
Resende, M.G.C. *see* Pardalos, P.M. 40115
Resende, R.J. *see* Pierrat, L. 9304
Reshef, B. *see* Suehrcke, H. 60600
Reshet'ko, A. *see* Shandaro, S. 24142
Reshetnyak, N.V. *see* Gavrilyachenko, V.G. 41748
Reshetnyak, S.A., Shcheglov, V.A. Anomalous susceptibility of low-dissipation bistable systems 33672
Reshetnyak, S.A. *see* Kononov, E.N. 18916
Residori, S. *see* Arecchi, F.T. 55875
Residori, S. *see* Pampaloni, E. 33652
Resin, A. *see* Grimalsky, V. 45090
Reskov, U. *see* Noworolski, Z. 51492
Resler, D.P. *see* Friedman, L.J. 7635
Resmini, R.G. *see* Aldrich, W.S. 15778
Resnichenko, V.V. *see* Ivanova, N.L. 3487
Resnick, D. *see* Hector, S. 32290
Resnick, D. *see* Laudon, M. 42885
Resnick, M.L. *see* Tsihrintzis, V.A. 20480
Resnick, P.J., Adkins, C.L.J., Matlock, C.A., Kelly, M.J., Clews, P.J., Korbe, N.C. A study of light point defect removal by SC-1 chemistries 42484
Resnick, P.J. *see* Clews, P.J. 42455
Resnick, S. *see* Davatzikos, C. 18390
Respaud, M. *see* Lisunov, K.G. 31896
Ress, H.R. *see* Spahn, W. 40441
Ressayre, E. *see* Le Berre, M. 14213
Ressel, P., Wang, L.C., Park, M.H., Leech, P.W., Reeves, G.K., Kuphal, E. Shallow and low-resistive ohmic contacts to p-$In_{0.53}Ga_{0.47}As$ based on Pd/Au and Pd/Sb metallizations 42963
Ressel, P. *see* Hao, P.H. 2220
Ressel, P. *see* Klein, A. 22446
Ressier, L., Diaz, J., Peyrade, J.P. Cutting of a thin epitaxial iron film into low dimensional structures by dislocation engineering 52683
Ressier, L., Peyrade, J.P., Barrau, J., Voillot, F. Controlled dislocation slipping: an original method to create multiple quantum wire structures 42233
Ressier, L., Peyrade, J.P., Vieu, C. Transmission electron microscopy analysis of a multiple quantum wire structure fabricated by dislocation slip 32025
Ressler, E.K. *see* Sayles, A.H. 33342
Ressler, H. *see* Davis, J.A. 36360
Ressler, M. *see* Happ, L. 8670
Ressler, M.A. The Army Research Laboratory ultra wideband BoomSAR 8340
Rest, M. *see* Treitinger, L. 13114
Rest, M. *see* Treitinger, L. 22952
Resta, L. *see* Monti, A. 51799
Restaino, S.R. *see* Ragazzoni, R. 58739
Restle, M. *see* Hofsass, H. 32156
Restle, P.J. *see* Deutsch, A. 43289
Reston, R.R. *see* Kolesar, E.S. 27513
Restrepo, J., Maral, G. Cellular geometry for world-wide coverage by non-GEO satellites using 'Earth-fixed cell' technique 58254
Restrepo, J.H.Cerezo *see* Cerezo Restrepo, J.H.
Restrick, R.C., III *see* Kalmanek, C.R. 35746
Rethfeldt, C. *see* Schunemann, S. 15989
Reti, F., Fleischer, M., Perczel, I.V., Meixner, H., Giber, J. Detection of reducing gases in air by β-Ga_2O_3 thin films using self-heated and externally (oven-) heated operation modes 17592
Rettig, C.L. *see* Kim, K.W. 36381
Rettig, R., Marschner, T., Tapfer, L., Stolz, W., Goebel, E.O. Growth and structural properties of (GaIn)As/Ga(PAs) intentionally disordered superlattice structures grown by metalorganic vapor phase epitaxy 52664
Retzler, M. *see* Harris, D. 17603
Retzman, D. *see* Bergmann, K. 60978
Reuben, R.L. *see* Burnside, B.M. 19567
Reuben, R.L. *see* Carolan, T.A. 31001
Reuben, R.L. *see* Carolan, T.A. 50671
Reuber, C. Low temperature quantum effect research at the PTB laboratory: use of a 10 volt Josephson chip 27272
Reuber, C. Displays with transistor pixel switches 36818
Reucroft, P.J. *see* Kim, J.Y. 30907
Reucroft, S. *see* Alverson, G. 18085
Reudink, D. *see* Yingjie Li 4389
Reudink, D.O. *see* Yingjie Li 35998
Reuhl, R., Berdugin, S. Cooperation between NPP Balakovo (Russia) and RWE Energie AG NPP Biblis (Germany) on "Training of operations personnel by means of full-scope simulators and other training facilities" 8998
Reuhman-Huisken, M. *see* Dirksen, P. 2471
Reusch, M.F., Bruhwiler, D.L. End-to-end particle simulations of a 1.76 MeV electrostatic proton linac for contraband detection 49083
Reusch, M.F. *see* Todd, A.M.M. 7715
Reuscher, G. *see* Lunz, U. 2149
Reuscher, G. *see* Waag, A. 23959
Reusens, E., Castagno, R., Le Buhan, C., Piron, L., Ebrahimi, T., Kunt, M. Dynamic video coding–an overview 57252
Reusens, E., Ebrahimi, T., Le Buhan, C., Castagno, R., Vaerman, V., Piron, L., Fabregas, C.D.S., Bhattacharjee, S., Bossen, F., Kunt, M. Dynamic approach to visual data compression 35192
Reusens, P. *see* Adriaensen, K. 16456
Reuter, E. *see* Panepucci, R. 22377
Reuter, E.E. *see* Li, X. 10808
Reuter, M. Adaptive FD-spectra representations explained by motoring diesel motors and ECG-signatures 56523
Reuter, M., Berger, A., Moller, D.P.F. A method for representing the real-time behaviour of technical processes in neural nets 52115
Reuter, M., Moller, D., Adams, K. ECG monitoring, classification and early warning by sensitive neural nets 28367
Reuter, M. *see* Moller, D.P.F. 59742
Reuter, R. *see* Auer, U. 53681
Reuter, R. *see* Bertenburg, R.M. 53047
Reuter, R. *see* Herzel, H. 28261
Reuter, R. *see* Umbach, A. 6867
Reuter, R. *see* van Waasen, S. 47939
Reuter, R. *see* Velling, P. 53476
Reuter, V. *see* Feleppa, E.J. 18353
Reuter, V. *see* Feleppa, E.J. 37719
Reuther, H., Dobler, M. Implantation and growth of large β-$FeSi_2$ precipitates and α-$FeSi_2$ network structures in silicon 2320
Reuther, H. *see* Anwand, W. 54274
Reuther, H. *see* Perez-Rodriguez, A. 31936
Reuven, I., Messer, H. A multi-parameter hybrid Barankin-type bound 25103
Reuven, I., Messer, H. A Barankin-type lower bound on the estimation error of a hybrid parameter vector 56238
Reveilles, J.-P., Yaacoub, J. Soft image processing 5003
Reveilles, J.-P. *see* Debled-Rennesson, I. 4967
Reveilles, J.-P. *see* Figueiredo, O. 4999
Reveleva, M.A. *see* Nevskaya, G.E. 32106
Revelle, D. *see* Allamagny, S. 35605
Revenko, A. *see* Vylov, T. 7833
Revenko, M.A. *see* Bolkhovityanov, Yu.B. 12277
Revenu, M. *see* Angot, F. 46024
Revesz, A. *see* Afanasev, V. 12596
Revesz, A.G. *see* Afanas'ev, V.V. 42325
Revesz, A.G. *see* Lisovskii, I.P. 42301
Revill, G. The ABC of powerPC–an embedded developer's guide 11506
Revin, D.G. *see* Aleshkin, V.Ya. 2192
Revin, I.D. *see* Ermak, G.P. 58972
Revishvili, A. *see* Schaldach, M. 59796
Revishvili, A.S. *see* Braile, D. 28399
Revol, F. *see* Ollier, E. 44048
Revuelta, J., Pesquera, L., Rodriguez, M.A. Statistical analysis of pulses in systems with random modulation through an instability point 14268
Revuelta, P.Salmeron *see* Salmeron Revuelta, P.
Revva, P. *see* Tsoukalas, D. 32423
Rewatkar, K.G., Prakash, G.S., Kulkarni, D.K. Synthesis and characterisation of the $CaFe_x$-$Al_x(CuTi)_{6-x}O_{19}$ hexaferrite system 936
Rewiersma, P. *see* Adam, A. 37280
Rewiersma, P. *see* Brock, I.C. 37039
Rex, G. *see* Rohn, J. 600
Rey, B.del *see* del Rey, B.
Rey, C.M. *see* Niemann, R.C. 39256
Rey, C.M. *see* Niemann, R.C. 43749
Rey, G. *see* Seki, M. 11644
Rey, J.C. *see* Bernard, D. 2516
Rey, J.C. *see* Brown, K.C. 54824
Rey, J.M., Gallet, B., Kircher, F., Lottin, J.C. Epoxy resin developments for the ATLAS and CMS superconducting magnets impregnation 49267
Rey, J.P. *see* Mulder, M. 9332
Rey, J.P. *see* Viersen, P.M. 30038
Rey, J.P. *see* Zahorski, D. 58931
Rey, M. *see* Dutkiewicz, M. 28711
Rey, T. *see* Im, J. 52212
Reybet-Degat, G., Dubuisson, B. Adaptation of a sequential discrimination rule with reject options to multisensor fusion 15419
Reybet-Degat, G., Dubuisson, B. A nonparametric pattern recognition approach using the k_n nearest neighbors estimation to combine measurements 25161
Reyda, J. *see* Southwell, D. 7406
Reyes, A. *see* Martinez, M.J. 43120
Reyes, A.H. *see* Perez-Aloe, R. 21799
Reyes, E.de los *see* de los Reyes, E.
Reyes, G. *see* Baez-Lopez, D. 20491
Reyes, J.A., Rodriguez, R.F. Guiding of optical fields in a liquid crystal cylindrical fiber 23489
Reyes, M.A. *see* McCartney, M.A. 20519
Reyes, T. *see* Jennings, C. 50845
Reyes Cortes, S.D.A. *see* Sokolova, E. 3524
Reyes Romero, J. *see* Chipara, M.I. 40684
Reyes-Barranca, M.A. *see* Osorio-Saucedo, R. 48426
Reyher, G. *see* Scholz, F. 30829
Reymann, D., Witt, T.J., Eklund, G., Pajander, H., Nilsson, H. Comparison of the Josephson voltage standards of the Sveriges Provnings och Forskningsinstitut and the Bureau International des Poids et Mesures 27374
Reymann, D., Xue, S.Q., Liu, R.M., Li, H.H., Gao, J., Zhou, Y.Q., Witt, T.J. Comparison of the Josephson voltage standards of the NIM (China) and the BIPM 58609
Reymond, B. *see* Calmon, F. 22855
Reymond, B. *see* Calmon, F. 40890
Reymond, C. *see* Trushell, J. 30057
Reynaerts, D. *see* Carrozza, M.C. 28402
Reynaud, F. *see* Simohamed, L.M. 13574
Reynaud, R., Maurin, T. Control and supervision of a fusion processing line by competition among models 46006
Reynders, J.P. *see* Phillips, A.J. 17747
Reyne, G. *see* Body, C. 43611
Reyne, G. *see* Body, C. 43722
Reyne, G. *see* Body, C. 43724
Reyne, G. *see* Nabeta, S.I. 50926

Reyne, G. *see* Nabeta, S.I. 50945
Reyner, J. *see* Shih-Jeh Wu 28192
Reyneri, L.M. *see* Broggi, A. 46381
Reyniers, G. *see* Zuidweg, H. 47277
Reynolds, C. *see* Berger, K. 20887
Reynolds, C.L., Jr. *see* Belenky, G.L. 55605
Reynolds, C.L., Jr. *see* Raisky, O.Y. 31971
Reynolds, D., Ho, S. An integrated 12 bit analog front end for CCD based image processing applications 7415
Reynolds, D.A. Automatic speaker recognition using Gaussian mixture speaker models 14951
Reynolds, D.A. The effects of handset variability on speaker recognition performance: experiments on the Switchboard corpus 15136
Reynolds, D.A. *see* Jankowski, C.R., Jr. 15087
Reynolds, D.C. *see* Morkoc, H. 12362
Reynolds, J.A., Schellenberg, F., Hibbs, M., Hayden, D. The DUV printability of laser repairs on binary and attenuated phase shift masks 22690
Reynolds, J.P., Luban, M. Dephasing of Bloch oscillations in epitaxial superlattices 22409
Reynolds, M.E.S. *see* Czarnowski, J.M. 22098
Reynolds, R. Optimizing TAB bonding to flat panel displays using design of experiments 17626
Reynolds, R. Display driver interconnect technology for military and avionic AMLCD 59950
Reynolds, S.K. A DC-DC converter for short-channel CMOS technologies 21480
Reynolds, T. *see* Hawkins, A.R. 7366
Reynolds, T. *see* Zhang, Y.M. 44238
Reynolds, T.E. *see* Zhang, S.Z. 36132
Reynolds, W.D., Jr., Kenyon, R.V. The wavelet transform and the suppression theory of binocular vision for stereo image compression 57294
Reynoso, V.C.S., Liu, Y., Royas, R.F.C., Medeiros Neto, J.A., De Paula, A.M., Cesar, C.L., Alves, O.L., Barbosa, L.C. CdTe quantum dots in Er^{3+}-doped borosilicate glass 2159
Reynoso, V.C.S. *see* Liu, Y. 2158
Reynoso-Hernandez, J.A., Rangel-Patino, F.E., Perdomo, J. Full RF characterization for extracting the small-signal equivalent circuit in microwave FETs 21910
Reza, A.M. *see* Doroodchi, M. 56588
Reza Moheimani, S.O., Savkin, A.V., Petersen, I.R. A deterministic approach to the design of robust predictors 45877
Rezaiifar, R., Jafarkhani, H. Wavelet based speech coding using orthogonal matching pursuit 34706
Rezaul Huque Khan, M., Nakayama, H., Detchprohm, T., Hiramatsu, K., Sawaki, N. A study on barrier height of Au-$Al_xGa_{1-x}N$ Schottky diodes in the range $0 \leq x \leq 0.20$ 32365
Rezazada, A.Q. *see* Rizk, F.A.M. 50611
Rezazadeh, A.A., Hong Sheng, Bashar, S.A. InP-based HBTs for optical telecommunications 26696
Rezazadeh, A.A. *see* Bashar, S.A. 54601
Rezazadeh, A.A. *see* Khalid, A.H. 21968
Rezazadeh, A.A. *see* Lukyanchikova, N.B. 55428
Rezazadeh, A.A. *see* Sheng, H. 54602
Rezeanu, S.-C., Ziemer, R.E., Wickert, M.A. Joint maximum-likelihood parameter estimation for burst DS spread-spectrum transmission 35904
Rezende, A.de Melo *see* de Melo Rezende, A.
Rezende, J.F.De *see* De Rezende, J.F.
Rezlescu, E., Rezlescu, N., Craus, M.L., Pasnicu, C., Rezlescu, L. Single crystals of cubic ferrite containing only Fe^{3+} as magnetic ions 676
Rezlescu, E., Rezlescu, N., Pasnicu, C., Craus, M.L. Densification by nonmagnetic additives of high frequency lithium-zinc and nickel-zinc ferrites 3164
Rezlescu, L. *see* Rezlescu, E. 676
Rezlescu, N. *see* Badescu, V. 33915
Rezlescu, N. *see* Rezlescu, E. 676
Rezlescu, N. *see* Rezlescu, E. 3164
Reznic, Z. *see* Johnson, C.R., Jr. 6488
Reznick, V.J. *see* Enisherlova, K.L. 54384
Reznik, D., Gerlach, W. Injection-level dependence of charge carrier mobility in high-injection plasma 41812
Reznik, I. *see* Litvinenko, D. 45021
Reznik, L. *see* Ghanayem, O. 38303
Reznik, L. *see* Ghanayem, O. 50937
Reznikov, B.I., Tsarenkov, G.V. Carrier accumulation and strong electrode sheath fields in illuminated, high-resistivity MISIM structures 42327
Reznikov, Yu.A. *see* Glushchenko, A.V. 13550
Reznikova, Z. *see* Ryabko, B. 34494
Rezny, M. *see* Hawick, K.A. 58249
Rezwan Khan, M., Al-Sammak, A.I. A 12-step voltage source inverter control circuit for induction motor drives 39270
Rezzi, F. *see* Baschirotto, A. 53425
Rezzoug, A. *see* Leveque, J. 8960
Rezzoug, A. *see* Netter, D. 9568
Rha Sa-Kyun *see* Sa-Kyun Rha
Rhaimini, S.E., Vaudelle, F., Xuan, N.P., Gazengel, J., Rivoire, G. Study of the phase relationship between laser wave and stimulated Raman scattering wave through nonlinear imaging 33620
Rhaleb, H.El *see* El Rhaleb, H.
Rhea, J.L. *see* Baeder, B.T. 17007
Rhee, D.J. *see* Rajpal, S. 24751
Rhee, E.K. *see* Moon, E.E. 22720
Rhee, J.-G. *see* Chung, S.-Y. 1962
Rhee, J.-K. *see* Kim, S.-M. 21974
Rhee, K.-W. *see* Marrian, C.R.K. 22706
Rhee, S.Y. *see* Lee, Y.K. 34136
Rhee, V., Gibson, J.D. Block-level refinement of motion description in layered H.261 video 5554
Rhee, Y., Lee, J. Prefetching scheme for image processing on shared memory multiprocessors 57114
Rhee Bum Ku *see* Bum Ku Rhee
Rhee Do Jun *see* Do Jun Rhee
Rhee Eung Ho *see* Eung Ho Rhee
Rhee Jin Koo *see* Jin Koo Rhee
Rhee Jin-Koo *see* Jin-Koo Rhee
Rhee Phill-Kyu *see* Phill-Kyu Rhee
Rhee Seung Hyeon *see* Seung Hyeon Rhee
Rhee Seunghyeon *see* Seunghyeon Rhee
Rhee Shi-Woo *see* Shi-Woo Rhee
Rhee Suh Bong *see* Suh Bong Rhee
Rhee Tae-Won *see* Tae-Won Rhee
Rhee Woo-Seop *see* Woo-Seop Rhee
Rhee Woogeun *see* Woogeun Rhee
Rheem Jae Yeol *see* Jae Yeol Rheem
Rhein, B. *see* Gardey, K.-U. 59849
Rheinboldt, W.C. Solving algebraically explicit DAEs with the MANPAK-manifold-algorithms 21192
Rheinboldt, W.C. MANPAK: a set of algorithms for computations on implicitly defined manifolds 30619
Rheinlander, B. *see* Waclawek, J. 27566
Rhew Hong-Woo *see* Hong-Woo Rhew
Rhiger, D.R. *see* Hamilton, W.J. 7781
Rhiger, D.R. *see* Sen, S. 1995
Rhim, W.K. *see* Ohsaka, K. 48958
Rhines, W.C. Emerging technologies drive domain-specific solutions [circuit testing] 39730
Rho Daeseok *see* Daeseok Rho
Rho Do-Hwan *see* Do-Hwan Rho
Rho Yea-Chul *see* Yea-Chul Rho
Rho Young Gyu *see* Young Gyu Rho
Rhoades, J. *see* Murphy, C.T. 49262
Rhoades, J. *see* Vaccaro, F.J. 51463
Rhoades-Brown, M.J. *see* Baltz, A.J. 17944
Rhoads, M. *see* Rickerson, D. 59976
Rhode, W. *see* Krawczynski, H. 37287
Rhodes, C.R. DfE [PCB design for environment] 10226
Rhodes, D.L., Perlman, B.S. Parallel computation for microwave circuit simulation 53575
Rhodes, G.H. *see* Herzog, W.D. 33496
Rhodes, G.H. *see* Herzog, W.D. 55805
Rhodes, H. *see* Iyer, R. 951
Rhodes, R., Keefer, D. Numerical algorithms for the Hall effect in MHD codes: a note of caution 19897
Rhodes, R. *see* Keefer, D. 19893
Rhodes, R.J. *see* Au, D.T.W. 1810
Rhodes, R.J. *see* Rust, R.D. 1795
Rhodes, S. *see* Sanders, P. 6693
Rhodes, T.L. *see* Kim, K.W. 36381
Rhodes, W. *see* Vedagarbha, P. 50985
Rhodes, W.T. *see* Urey, H. 23717
Rhodes, W.T. *see* Urey, H. 34999
Rhonehouse, D. *see* Griebner, U. 23844
Rhonehouse, D. *see* Koch, R. 23836
Rhonehouse, D.L. *see* Jiang, S. 23846
Rhu Jaimin *see* Jaimin Rhu
Rhyne, T.L. Computer optimization of transducer transfer functions using constraints on bandwidth, ripple, and loss 3000
Rhyner, S.J. *see* Dentinger, P.M. 32281
Ri Xu *see* Xu Ri
Ri-Xing Wu *see* Yan-Feng Chen 32764
Riabko, A., Lee, S.Y. Overlapping resonances and chaos in halo formation 18031
Riabko, A. *see* Bai, M. 59148
Riabko, A. *see* Chu, C.M. 37038
Riabov, V., Bezliudko, G. Using radioelectronic devices of mm-wave range for measuring length of moving objects 27892
Riad, A.M., Shaban, M.S. Simulation of electrical power systems components 38703
Riad, S., Su, W., Elshabini-Riad, A., Barlow, F., Salama, I. Wideband electrical characterization of materials used in MCM applications 12045
Riad, S.M., Wansheng Su, Salama, I., Elshabini-Riad, A., Rachlin, M., Baker, W.G., Perdue, J. RF/microwave surface mount plastic package modeling and characterization 53643
Riahi, F. *see* Zijdenbos, A. 18502
Rialland, J.F. *see* Mazaleyrat, F. 3155
Riant, I., Haller, F., Sansonetti, P. Study of the photosensitivity at 193 nm and comparison with photosensitivity at 240 nm. Influence of fibre tension. Type IIA. Ageing 43980
Riant, I., Sansonetti, P. New method to control chirp and wavelength of fibre Bragg gratings for multichannel chromatic dispersion compensation 48026
Riant, I. *see* Kolltveit, E. 16720
Riant, I. *see* Poumellec, B. 23474
Riat, J.C. *see* Chatry, N. 51824
Riazi, H. *see* Schuster, J. 35937
Riazi-Nejad, H. *see* Kloc, Ch. 30711
Riazi-Nejad, H. *see* Nateprov, A. 61082
Riba, J., Goldberg, J., Vazquez, G. Robust data detection in asynchronous DS-CDMA in the presence of timing uncertainty 6447
Riba, J., Goldberg, J., Vazquez, G. Robust beamforming for interference rejection in mobile communications 26570
Riba, J., Goldberg, J., Vazquez, G., Lagunas, M.A. Signal selective DOA tracking for multiple moving targets 25121
Ribamar Silva Oliveira, J.de *see* de Ribamar Silva Oliveira, J.
Ribando, R.J., Norris, P.M., Scott, T.C., O'Leary, G.W., Smith, A.N. A partial studio model for teaching undergraduate heat transfer 20482
Ribas, J. *see* Alonso, J.M. 29435
Ribas, L. *see* Riera, J. 41026
Ribas, L. *see* Velasco, A.J. 11035
Ribas, R. *see* Tchoumatchenko, V. 11437
Ribas, R.P., Bernal, A., Guyot, A. A low-power enable/disable GaAs MESFET differential logic 31209
Ribas, R.P., Bernal, A., Guyot, A. A low-power differential cross-coupled FET logic for GaAs asynchronous design 53204
Ribas-Xirgo, L., Carrabina-Bordoll, J. Automatic test pattern generation for Iddq faults based upon symbolic simulation 21655
Ribayrol, A., Bellabchara, A., Paganotto, N., Kavokin, A.V., Lefebvre, P., Coquillat, D., Lascaray, J.P., Cibert, J. Reflectance study of the valence-band offset in CdTe-(Cd,Mn)Te thin quantum wells 22367
Ribayrol, A. *see* Coquillat, D. 22366
Ribbe, T. *see* Dale, S. 59466
Ribbens, W.B. *see* Riggins, R.N. 37940
Ribbes, F., Le Toan, T. Use of ERS-1 SAR data for ricefield mapping and rice crop parameters retrieval 18936
Ribbes, F. *see* Le Toan, T. 28677
Ribeirbo, L.A.S., Jacobina, C.B., Lima, A.M.N. Parameters and speed estimation for induction machines based on dynamic models 51704
Ribeiro, A.B.L., Ferreira, L.A., Santos, J.L., Jackson, D.A. Analysis of the reflective-matched fiber Bragg grating sensing interrogation scheme 36635
Ribeiro, A.B.Lobo *see* Lobo Ribeiro, A.B.
Ribeiro, C.A. *see* Coelho, A.A. 30706
Ribeiro, C.M. *see* Warner, C.L. 50838
Ribeiro, D.L., Mota, W.S., Epaminondas, A.doN. Radial equivalents for load flow calculation on meshed distribution systems 50565
Ribeiro, G.M. *see* Lambert-Torres, G. 51425
Ribeiro, J. Voltage transformers: why modern CVTs don't drift 9296
Ribeiro, L.A.de Souza *see* de Souza Ribeiro, L.A.
Ribeiro, M.I. *see* Sequeira, V. 5301
Ribeiro, M.I. *see* Sequeira, V. 57258
Ribeiro, P.F. *see* Gole, A.M. 38858
Ribeiro, P.H.S., Barbosa, G.A. Direct and ghost interference in double-slit experiments with coincidence measurements 14270
Ribeiro, R.L.A. *see* Jacobina, C.B. 29324
Ribeiro, R.M., Margulis, W. Picosecond pulse shaping in a semiconductor-coated D-shaped fiber 23518
Ribeiro Gallo, W.L., Bidini, G., Bettagli, N., Facchini, B. Effect of turbine-blade cooling on the HAT (humid air turbine) cycle 38619
Ribeiro-Teixeira, R.M. *see* Etgens, V.H. 12756
Ribelles, G. *see* Neagu, E.R. 54879
Ribero, J.-M. *see* Damiano, J.-P. 24550
Ribero, J.M. *see* Damiano, J.-P. 4346
Ribes, A.C., Damaskinos, S., Tiedje, H.F., Dixon, A.E., Brodie, D.E. Reflected-light, photoluminescence and OBIC imaging of solar cells using a confocal scanning laser MACROscope/microscope 39045
Ribes, A.T., Beaunier, P., Willmann, P., Lemordant, D. Correlation between cycling efficiency and surface morphology of electrodeposited lithium. Effect of fluorinated surface active additives 9521
Ribes, M., Spahlinger, G., Kemmler, M. 0.1 deg/h DSP-controlled fiber optic gyroscope 27623
Ribes, M. *see* Kemmler, M.W. 27612
Ribes, M. *see* Kunz, J. 27613
Ribes, M. *see* Sarradin, J. 29544
Ribes, M. *see* Spahlinger, G. 27625
Ribeyrol, A. *see* Tofanelli, A. 26393
Ribic, Z., Jun Yang, Latzel, M. Adaptive spectral contrast enhancement based on masking effect for the hearing impaired 18553
Ribichini, F. *see* Steffenino, G. 8185
Ribiero, P. *see* Robert, A. 8733
Ricard, D., Ghanassi, M., Schanne-Klein, M.C., Flytzanis, C. Mechanisms and dynamics of optical nonlinearities in semiconductor nanocrystals 24139
Ricardi, L.J. Simulation and evaluation of an antenna polarization nulling processor 45385
Ricardo, M. *see* Inocencio, E. 26203
Ricardo Daria, V. *see* Mar Blanca, C. 15584
Ricarte, I.L.M. *see* Tobar, C.M. 6309
Ricaud, P., de La Noe, J., Lauque, R., Parrish, A. Analysis of stratospheric chlorine monoxide measurements recorded by a ground-based radiometer located at the Plateau de Bure, France 60040
Ricca, A. *see* Bauschlicher, C.W., Jr. 53821
Riccardi, G., Pieraccini, R., Bocchieri, E. Stochastic automata for language modeling 24865
Riccardis, M.F.De *see* De Riccardis, M.F.
Riccardo, B., Kovacevic, J. Local bases yielding arbitrary tilings of the time-frequency plane 24934
Ricci, D. *see* Bonfiglio, A. 58886
Ricci, K.N. *see* Boucher, D.J. 8447
Ricci, M. *see* Borisyuk, R. 37274
Ricci, M. *see* Demartini, G. 19528

Ricci, M. *see* Granelli, G.P. 8764
Ricci, M. *see* Parise, G. 38356
Riccio, D. *see* Coltelli, M. 28608
Riccio, D. *see* Franceschetti, G. 16863
Riccio, D. *see* Franceschetti, G. 48111
Riccio, D. *see* Franceschetti, G. 50119
Riccio, D. *see* Franceschetti, G. 58412
Riccio, D. *see* Franceschetti, G. 58438
Riccio, G. *see* Bucci, O.M. 34181
Riccius, J., Schweizerhof, K. Aspects of hierarchical h-adaptive dynamic analyses 10568
Ricco, B. *see* Bogliolo, A. 13125
Ricco, B. *see* Metra, C. 32556
Ricco, B. *see* Metra, C. 36436
Ricco, B. *see* Pieracci, A. 43027
Ricco, F. *see* Gennari, S. 10839
Ricco, G. *see* Rossi, P. 18092
Riccobene, S. *see* Puliafito, A. 47002
Riccobono, J. *see* Ludman, J.E. 24049
Riccobono, J. *see* Ludman, J.E. 61086
Rice, A. *see* Cheung, T. 23364
Rice, D.R. *see* Thelen, B.J. 15938
Rice, D.S. *see* Mou, Z.J.A. 57113
Rice, E.P., Swidenbank, E. Power plant simulation adapted for co-ordinated control 19566
Rice, G.E., Lyon, B.F., Keating, M. Predicted fate and transport of mercury emitted from utility boilers in the local atmosphere 29090
Rice, J.A. *see* Booth, N.O. 18866
Rice, J.M., Laoulache, R.N., Maass, D., Rose, D. Thermal analysis of a graphite epoxy plate-fin heat exchanger using finite element analysis 30246
Rice, L. *see* Jones, W.L. 50056
Rice, M., Long, D. Telemetry in the classroom: an excellent teaching tool 6037
Rice, T.M. *see* Lobitz, D.W. 20062
Rice, T.R., Conte, J.E. Adaptive CFAR techniques for signal detection in the Doppler domain 38180
Rice, T.R. *see* Alouani, A.T. 25240
Rice, T.R. *see* Alouani, A.T. 45838
Rice, T.R. *see* Helmick, R.E. 45714
Rich, B.A. Affordable integrated sensor system 50257
Rich, D.H., Lin, H.T., Konkar, A., Chen, P., Madhukar, A. Cathodoluminescence study of band filling and carrier thermalization in GaAs/AlGaAs quantum boxes 31976
Rich, D.H., Rammohan, K., Lin, H.T., Tang, Y., Meshkinpour, M., Goorsky, M.S. Effect of interface defect formation on carrier diffusion and luminescence in $In_{0.2}Ga_{0.8}As/Al_xGa_{1-x}As$ quantum wells 54197
Rich, D.H., Tang, Y. Time-resolved cathodoluminescence study of carrier relaxation in strained $(InP)_2/(GaP)_2$ quantum wires 12412
Rich, F. *see* Chaplin, C.P. 8459
Rich, G. *see* Powell, R.C. 39062
Rich, J. *see* Cribier, M. 59193
Rich, T.L. *see* Kizilyalli, I.C. 32380
Richang Zhao *see* Zhao Richang
Richard, A. *see* Brie, D. 52875
Richard, C., Lengelle, R. Recursive implementation of some time-frequency representations 34952
Richard, C. *see* Roche, D. 17321
Richard, C. *see* Roche, D. 27477
Richard, D., Billings, J.W. NO_x emissions upgrade of a real-time power plant training simulator 9080
Richard, E. *see* Brand, F. 42641
Richard, E. *see* Dutisseuil, E. 2150
Richard, E. *see* Marcadal, C. 40645
Richard, E. *see* Zaytoon, J. 59741
Richard, G., d'Alessandro, C. Analysis/synthesis and modification of the speech aperiodic component 4607
Richard, G.C., Gonzales, D.G. A new variable beamwidth antenna for telemetry tracking systems 4376
Richard, G.C., Gonzales, D.G. A low windload broadband FLAPS™ antenna for telemetry tracking systems 4403
Richard, P., Proust, C. Petri nets for modelling linear programs 52510
Richard, P. *see* Flores-Guevara, R. 18405
Richard, T. *see* Wells, J.H. 20634
Richard, W.D., Keen, C.G. Automated texture-based segmentation of ultrasound images of the prostate 7879
Richard-Jung, F. *see* Barkatou, M.A. 30635
Richardeau, F., Cheron, Y. High power factor thyristors/GTO mixed cycloconverters 60924
Richardeau, F., Ladoux, P., Cheron, Y. Introduction of "dual-switching" cells in high power phase-controlled converters–a new concept to cancel the reactive power 51229
Richards, B.E., Hurd, D.L. Design considerations for a space borne cloud radar 50074
Richards, B.P. SIR testing: an improved method of determining circuit performance and reliability 1829
Richards, B.P. *see* Vincent, J.H. 39770
Richards, B.P. *see* Warwick, M.E. 39769
Richards, C. *see* Renowden, J. 19380
Richards, C.A. *see* Smith, C.E. 5025
Richards, C.N., Renowden, J.D. Development of a remote insulator contamination monitoring system 38396
Richards, C.W. *see* Lebrun, M. 52508
Richards, D. *see* Jarvis, A. 26626
Richards, D. *see* Pyzer, S. 35568
Richards, D.E., Rogers, G.M. A new sophomore engineering curriculum–the first year experience 20688
Richards, E. *see* Taylor, R. 50837
Richards, E.P. Engineering and the law. The Supreme Court rules on medical device liability–or does it? 28060
Richards, G.A. Application of the Hough transform as a track-before-detect method 27083
Richards, G.W. *see* Hinterlong, S.J. 35886
Richards, G.W. *see* Lentine, A.L. 58290
Richards, H.D. Improving enterprise performance through planning, scheduling and control 127
Richards, H.D. *see* Makatsoris, C. 30150
Richards, J. *see* Gallagher, D. 12102
Richards, M.A., Gadient, A., Frank, G.A., Harr, R. The RASSP program: origin, concepts, and status: an introduction to the issue 41208
Richards, M.L. *see* Hartmann, G.K. 8419
Richards, M.S. *see* Can, S. 21830
Richards, P.L. *see* Grannan, S.M. 58762
Richards, S. Training for response to severe accidents 38523
Richards, S. LFZR: high speed numerical distance protection for high and extra high voltage transmission systems 50641
Richards, S., Barker, P., Check Meng Tan, Hudson, S., Beacham, N. Knowledge sharing through electronic course delivery 39620
Richards, S. *see* Fisher, R. 24489
Richards, W. *see* Fair, R.B. 54339
Richards-Babb, M., Buczkowski, S.L., Yu, Z., Myers, T.H. An atomic force microscopy study of the initial nucleation of GaN on sapphire 21277
Richards-Babb, M. *see* Zhonghai Yu 762
Richards-Babb, M.R. *see* Zhonghai Yu 738
Richards-Evensen, A. *see* Chisholm, J.P. 39303
Richardson, A. *see* Olbrich, T. 7271
Richardson, A. *see* Olbrich, T. 11534
Richardson, A.M. *see* Baker, K. 11607
Richardson, A.M.D. *see* Olbrich, T. 41348
Richardson, B.E. *see* Mao-long Ke 54245
Richardson, C.H. *see* Truong, K.K. 15898
Richardson, D. *see* Wang, W.N. 10832
Richardson, D. *see* Wang, W.N. 32356
Richardson, D. *see* Wilkie, D. 31260
Richardson, D.J. Fibre-based short pulse generation and shaping technology 16737
Richardson, D.J. *see* Cautaeris, V. 55521
Richardson, D.J. *see* Culverhouse, D.O. 14012
Richardson, D.J. *see* Culverhouse, D.O. 23648
Richardson, D.J. *see* Lees, G.P. 44377
Richardson, D.J. *see* Seok Hyun Yun 44129
Richardson, D.J. *see* Taverner, D. 13601
Richardson, D.J. *see* Taverner, D. 33407
Richardson, D.J. *see* Taverner, D. 55535
Richardson, I.E.C. *see* Riley, M.J. 35502
Richardson, I.E.G., Turnbull, A.G., Riley, M.J. Temporal filtering of coded video 15597
Richardson, I.E.G. *see* Riley, M.J. 5919
Richardson, J. *see* Arya, M. 15430
Richardson, J.A., Parker, J.K., Cordes, D.W. The Foundation Coalition freshman year: lessons learned 20659
Richardson, J.D. *see* Allport, P.P. 37375
Richardson, J.R. *see* Hau, Y.K.G. 41439
Richardson, K.M., Pollock, C., Flower, J.O. Design and performance of a rotor position sensing system for a switched reluctance marine propulsion unit 29782
Richardson, K.M., Shobbrook, C.A., Pollock, C., Flower, J.O. Active control of stator vibration in a switched reluctance sector motor 9189
Richardson, L.L., Ambrosia, V.G. Hyperspectral imaging sensors and assessment of oceanic littoral zone phytoplankton dynamics 50110
Richardson, M.D. *see* Jackson, D.R. 18761
Richardson, M.D. *see* Lavoie, D.L. 49983
Richardson, P. The importance of marketing to engineers 20749
Richardson, P.D. *see* Motamedi, M.E. 58848
Richardson, R. *see* Chetty, P.R.K. 18665
Richardson, R. *see* Chetty, P.R.K. 18702
Richardson, R.A. *see* Lee, J.T.C. 54392
Richardson, R.M. *see* Taylor, L. 44107
Richardson, R.N., Scurlock, R.G., Tavner, A.C.R. The refrigeration of high temperature superconductors between 25 K and 65 K 43853
Richardson, R.T. *see* Hepburn, D.M. 43569
Richardson, T. *see* Capan, R. 32597
Richardson, T. *see* Pavier, M.A. 33244
Richardson, T. *see* Smith, V.C. 36962
Richardson, T. *see* Toureille, A. 13292
Richardson, T.D. *see* Beringer, J. 37394
Richardson, T.J., Ross, P.N., Jr. Overcharge protection for rechargeable lithium polymer electrolyte batteries 51450
Richardson, W. *see* Phin, L.C. 18325
Richart, R. *see* Kencke, D.L. 41175
Riche, J.A. A code for multibunched beams with wakefields, group velocities and space charge 49184
Richeboeuf, L., Doussiet, F., Legentil, M., Pasquiers, S., Postel, C., Puech, V. Study of the chemical HF laser pumped by photo-triggered discharge 13940
Richey, D.M., Cressler, J.D. Scaling issues and Ge profile optimization in advanced UHV/CVD SiGe HBTs 22776
Richey, D.M., Cressler, J.D., Joseph, A.J. Scaling issues and Ge profile optimization in advanced UHV/CVD SiGe HBT's 32373
Richey, D.M. *see* Joseph, A.J. 32372
Richey, D.M. *see* Joseph, A.J. 42968
Richey, J., DeBrunner, L.S. The space efficient redundant array 1506
Richey, R. Adaptive differential PCM using 8-bit microcontrollers 14776
Richez, G. *see* Bourbonnais, C. 38563
Richie, J.E. *see* Forest, F.W. 33949
Richie, J.E. *see* Hujres, J.A. 34415
Richie, S.M. *see* Hachigo, A. 13382
Richier, R. *see* Alsous, M.B. 13994
Richling, K.G. *see* Goertzen, B.J. 23460
Richman, B.A. *see* Crosson, E.R. 18012
Richman, B.B. *see* Miller, J.D. 14997
Richman, M.S., Parks, T.W., Shenoy, R.G. Features of a discrete Wigner distribution 45998
Richman, R.H. *see* McNaughton, W.P. 19207
Richmond, C.D. Adaptive array processing in non-Gaussian environments 4686
Richmond, C.D. Exact PDFs for sample covariance based array processors with elliptically contoured data 25029
Richmond, R., Stettner, R., Bailey, H. Laser radar focal plane array for three-dimensional imaging 6971
Richmond, R., Woodworth, P.D., Overbeck, J.A., Salisbury, M.S., Fetner, R.H., Armstrong, E.E., Masters, L.T., Brodbeck, D.T. Improved airdrop capabilities using a 2 μm laser radar system 8673
Richmond, R. *see* Prasad, N.S. 6978
Richomme, M. *see* Wurtz, F. 50914
Richou, B., Pellat-Finet, P. Delivery of Nd-YAG laser pulses by large optical fiber: dependence of the laser intensity profile on threshold of energy transmission 13580
Richou, B., Schertz, I., Gobin, I., Richou, J. Delivery of 10-MW Nd:YAG laser pulses by large-core optical fibers: dependence of the laser-intensity profile on beam propagation 55952
Richou, J. *see* Bouchara, F. 46029
Richou, J. *see* Es-Satte, M. 7253
Richou, J. *see* Richou, B. 55952
Richter, A., Tomm, J.W., Lienau, C., Luft, J. Optical near-field photocurrent spectroscopy: a new technique for analyzing microscopic aging processes in optoelectronic devices 23878
Richter, A. *see* Alt, H. 3303
Richter, A. *see* Dobert, S. 37145
Richter, D. *see* Elster, C. 58667
Richter, D. *see* Ciarlini, P. *(editor)* 51963
Richter, E. *see* Ferreira, C. 29286
Richter, E. *see* Kurpas, P. 42964
Richter, F. *see* Heisel, U. 48971
Richter, F. *see* Werninghaus, T. 41898
Richter, G. *see* Heske, C. 39080
Richter, H., Fischer, A., Kissinger, G., Kruger, D. Defect engineering in SiGe heterostructures 43207
Richter, H., Ruess, K., Gemmler, A., Leonhard, W. Precision tin/lead alloy plating for flip-chip mounting technology 53826
Richter, H. *see* Gaiseanu, F. 42420
Richter, H. *see* Herber, R. 16441
Richter, H.J. A generalized slope model for magnetization transitions 43694
Richter, H.J. *see* Baars, J. 42425
Richter, H.J. *see* Keller, R.C. 2342
Richter, H.J. *see* Kormann, Cl. 981
Richter, H.J. *see* Lobachyov, K. 38632
Richter, H.J. *see* Zimmermann, H. 701
Richter, J. *see* Frohleke, N. 38829
Richter, J. *see* Petzold, J. 43630
Richter, K., Bostanjoglo, G., Dommaschk, R., Mayrhofer, R., Pathe, D., Weber, H. Comparative study on aluminium and steel welding with cw and repetitively Q-switched Nd:YAG lasers 14482
Richter, K., Pugel, M., Carlsgaard, E. An innovative tuner for a DBS receiver 17044
Richter, K. *see* Beck, T. 14480
Richter, K. *see* Kunniger, T. 28925
Richter, K.-P. *see* Jenderka, K.-V. 18355
Richter, K.R. *see* Biro, O. 44939
Richter, K.R. *see* Groiss, S. 41420
Richter, K.R. *see* Huber, C.J. 44870
Richter, M. *see* Solt, K. 17363
Richter, P. *see* Barocsi, A. 5461
Richter, R. Atmospheric correction with haze removal including a haze/clear transition region 18837
Richter, R. Atmospheric correction of DAIS hyperspectral image data 18842
Richter, R., Peinke, J., Kittel, A. On the form invariance of phase length distributions of type-I intermittency observed in a low-temperature semiconductor experiment 22217
Richter, R. *see* Strobl, P. 18799
Richter, R.H. *see* Abt, I. 7783
Richter, V. *see* Behr, D. 30751
Richter, V. *see* Kalish, R. 41815
Richter, W., Pahlke, D., Arens, M., Esser, N. Hydrogen-induced modifications of GaAs(001) surfaces probed by reflectance anisotropy spectroscopy 42549
Richter, W. *see* Adamik, M. 3563
Richter, W. *see* Knorr, K. 42434
Richter, W. *see* Kurpas, P. 40347
Richter, W. *see* Laux, S. 3543
Richter, W. *see* Pohl, U.W. 40339

Richter, W. *see* Rose, K.C. 746
Richter, W. *see* Rossow, U. 2187
Richter, W. *see* Steimetz, E. 12443
Richter, W. *see* Steimetz, E. 40348
Richter, W. *see* Steimetz, E. 52624
Richter, W. *see* Wagner, V. 797
Richton, R.E. *see* Meyer, M.J. 47740
Richtson, S.A. *see* Chang, T.H.P. 54555
Ricker, G. *see* Yamashita, A. 59364
Ricker, R.E. *see* Bandyopadhyay, S. 54183
Rickermann, F., Riehemann, S., Buse, K., Dirksen, D., Von Bally, G. Diffraction efficiency enhancement of holographic gratings in $Bi_{12}Ti_{0.76}V_{0.24}O_{20}$ crystals after recording 4104
Rickermann, F. *see* von Bally, G. 4156
Rickermann, F. *see* von Bally, G. 14471
Rickerson, D., Rhoads, M. ATCA 1996. Low Earth Orbit (LEO) satellites for aeronautical applications 59976
Rickman, A.G. *see* Tang, C.K. 3441
Rickman, V.J. *see* Swallom, D.W. 20053
Rickwood, K.R. A comparison of methods of electrically exciting small pulsed HF lasers suitable for medical applications 44357
Rico, M. *see* Alonso, J.M. 9716
Rico, M. *see* Alonso, J.M. 29435
Rico, M. *see* Alonso, J.M. 51828
Rico, M. *see* Alonso, J.M. 51832
Rico, M. *see* Blanco, C. 39396
Rico, M. *see* Blanco, C. 51233
Rico, M. *see* Blanco, C. 51830
Ricolfi, T. *see* Machin, G. 27205
Ricolfi, T. *see* Sakuma, F. 27208
Ricolleau, C., Gandais, M., Gacoin, T., Boilot, J.-P. Correlation between structural and optical properties of PbS nanocrystals 12316
Ricotti, M.E. *see* Marseguerra, M. 9045
Ricz, S. *see* Vikor, G. 18141
Ridao, F.P. *see* Carrasco, J.M. 51165
Riddell, J., III *see* Zavaljevski, A. 5511
Ridder, H.De *see* De Ridder, H.
Ridder, J.-J.De *see* De Ridder, J.-J.
Ridder, R.M.de *see* de Ridder, R.M.
Riddle, A.C. *see* Chang, J.L. 60051
Riddone, G. *see* Benda, V. 49014
Ridens, M.G., Wilson, E.R., Harris, T.A. Waferless pattern recognition recipe creation using StatTrax 30181
Ridens, M.G. *see* Chain, E.E. 43206
Ridens, M.G. *see* Cosway, R.G. 30183
Rider, E.A. NYPA's experience with partial discharge testing of hydraulic generators 60678
Ridge, N.A., Hirst, P.F., Maitland, A., Parkes, D.M. High-voltage microwave-triggered switches 19910
Ridge, N.A., Maitland, A., Parkes, D.M. Gas discharge theory for the POLOTRON 51408
Ridgway, M. *see* Leech, P.W. 3416
Ridgway, M.C. *see* Belay, K.B. 21308
Ridgway, M.C. *see* Belay, K.B. 52681
Ridgway, M.C. *see* Leech, P.W. 13669
Ridhma, A. *see* Njoku, P.C. 7863
Ridiger, A. *see* Alyushin, M. 58621
Ridkin, W.D., Martin, B. Negotiating expert status: who gets taken seriously 39962
Ridler, N.M. Evaluating the uncertainty in measurements–general principles 17135
Ridler, N.M., Medley, J.C. Improvements to traceability for impedance measurements at RF in the UK 48815
Ridler, N.M. *see* Medley, J.C. 17130
Ridler, T. *see* Hertlein, W.G. 11982
Ridley, B.K. *see* Daniels, M.E. 54204
Ridley, B.K. *see* Zakhleniuk, N.A. 32014
Ridley, D. Optimal weights for combining antithetic forecasts 30455
Ridley, G.K. EL CID test evaluation, 1984-96 50895
Ridley, G.K. Bearing design and performance for large hydro generators (i.e. 50 MVA and above) 60634
Ridley, J. *see* Cole, B. 28506
Ridley, K.D., Jakeman, E. Incomplete phase conjugation through a random phase screen 14239
Ridley, K.D., Jakeman, E. Incomplete phase conjugation through a random phase screen. II. Numerical simulations 24081
Ridley, K.D. *see* Jakeman, E. 4069
Ridolfi, P. *see* Delogu, C. 56365
Riecan, B. Upper and lower limits of sequences of observables in D-posets of fuzzy sets 52485
Riechert, H. *see* Muller, J.-E. 41493
Riechmann, K. *see* Abt, I. 7783
Rieck, W. SAR imaging of moving targets: Application of time-frequency distribution for single- and multichannel data 26958
Rieckmann, C., Jostingmeier, A., Omar, A.S. Application of the eigenmode transformation technique for the analysis of planar transmission lines 24529
Ried, C. *see* Grotzbach, M. 51201
Ried, J.R. *see* Bright, V.M. 43358
Ried, R.P. *see* Lee, S.S. 18976
Riedel, E. *see* Hohlein, B. 20179
Riedel, J.E. *see* Bhaskaran, S. 59873
Riedel, K.S. Signal processing and piecewise convex estimation 4742
Riedel, K.S. Piecewise convex estimation for signal processing 15394
Riedel, P. *see* Shipulin, A. 47961
Riedel, S., Rober, J., Gessner, T. Electrical properties of copper films produced by MOCVD 40650
Rieder, A. Trinocular divergent stereo vision 5309
Rieder, K.H. *see* Koch, R. 883
Rieder, P., Gerganoff, K., Gotze, J., Nossek, J.A. Parameterization and implementation of orthogonal wavelet transforms 15305
Rieder, P., Nossek, J.A. Smooth multiwavelets based on two scaling functions 34951
Rieder, P. *see* Gotze, J. 4700
Rieder, P. *see* Gotze, J. 24910
Rieder, P. *see* Simon, S. 1495
Rieder, P. *see* Simon, S. 31297
Rieder, W. *see* Gauster, E. 19903
Rieder, W. *see* Hetzmannseder, E. 11822
Riederer, S.J. *see* Debbins, J.P. 7988
Riederer, S.J. *see* Lee, C.C. 7958
Riederer, S.J. *see* Wilman, A.H. 7954
Riederer, S.L. *see* Yi Wang 7986
Riedi, P.C. *see* Kapusta, C. 3251
Riedinger, M. *see* Koster, T. 43132
Riedl, W. *see* Fefer, E. 2027
Riedl, W. *see* Heske, C. 39080
Riedl, W. *see* Rau, U. 39120
Riedl, W. *see* Schmitt, M. 39100
Riedle, E. *see* Ashworth, S.H. 33665
Riedler, P. *see* Weilhammer, P. 37429
Riedler, W. *see* Torkar, K. 59857
Riedling, K. *see* Pum, D. 42861
Riedmiller, A.E. *see* Billard, E.A. 52046
Riedy, P. *see* Haugh, D. 24398
Riedy, P.E. *see* Wolfe, T.R. 24412
Riefenstahl, U. *see* Bannack, A. 61142
Rieg, B. *see* Billhartz, T. 57614
Riege, H. Ferroelectric electron emission: principles and technology 41771
Riege, H. *see* Benedek, G. 31684
Riege, H. *see* Ducimetiere, L. 51409
Riege, S.P., Kurth, T., Runkel, F., Heitmann, D., Eberl, K. Confinement potential and surface state density in deep-mesa etched quantum wires 22338
Rieger, D.J. *see* Constantine, C. 22593
Rieger, D.J. *see* Lovejoy, M.L. 44301
Rieger, D.J. *see* Seigal, P.K. 42286
Rieger, D.J. *see* Shul, R.J. 12783
Rieger, D.J. *see* Shul, R.J. 22588
Rieger, M. *see* Fuhrer, A. 9864
Rieger, M. *see* Jung, M. 51264
Rieger, M.L., Stirniman, J.P. Customizing proximity correction for process-specific objectives 2534
Rieger, V. *see* Bettermann, D. 7138
Rieger, V. *see* Bettermann, D. 27228
Rieger, W. *see* Ambacher, O. 10776
Rieger, W. *see* Ambacher, O. 40451
Rieger, W. *see* Ambacher, O. 41956
Rieger, W. *see* Herbst, L. 50785
Rieger-Motzer, M. *see* Lao, Z. 31202
Rieger-Motzer, M. *see* Lao, Z. 40927
Rieger-Motzer, M. *see* Lao, Z. 48001
Rieger-Motzer, M. *see* Leber, P. 32564
Rieger-Motzer, M. *see* Thiede, A. 41131
Rieger-Motzer, M. *see* Wang, Z.-G. 1545
Rieger-Motzer, M. *see* Wang, Z.-G. 41477
Riegert, R.J. *see* Best, W.S. 14689
Rieh, J.-S. *see* Malik, R. 42380
Rieheman, W. *see* Weidenfeller, B. 23331
Riehemann, S. *see* Dirksen, D. 24285
Riehemann, S. *see* Rickermann, F. 4104
Riehemann, S. *see* von Bally, G. 14471
Riehemann, W. *see* Weidenfeller, B. 23311
Riehl, D. *see* Chaput, F. 33201
Riehl, D. *see* Darracq, B. 23440
Riehle, F., Schnatz, H., Lipphardt, B., Kersten, P., Trebst, T., Zinner, G., Helmcke, J. Optical calcium frequency-standard: status and prospects 7139
Riehle, F. *see* Bonsch, G. 27230
Riehle, F. *see* Kersten, P. 17726
Riehle, F. *see* Schnatz, H. 27227
Riehle, F. *see* Schnatz, H. 27824
Riehn, L. *see* Bruske, J. 15868
Riek, R. *see* Kellerer, W. 26249
Rieken, R., Verwiebe, F. Service creation, INAP and basic network interworking–what is their relationship concerning competitive services? 26284
Riemann, H. *see* Schulze, H.-J. 48813
Riemann, R.-C. *see* Klaudel, H. 40056
Riemenschneider, B.R. *see* Thakar, G.V. 2812
Riemer, B. *see* Ice, G. 37552
Riemer, D.E. Warpage calculation for laminated structures composed of CTE-mismatched layers 52229
Riendeau, D. *see* Arabi, T. 40990
Rienen, U.v. *see* Muller, W.F.O. 49178
Rienstra, S.W. Geometrical effects in a Joule heating problem from miniature soldering 52193
Rienzo, L.Di *see* Di Rienzo, L.
Rienzo, M.Di *see* Di Rienzo, M.
Riera, J., Ribas, L., Velasco, A.J., Carrabina, J. Deriving cost functions from cell libraries and real ICs to allow real area-power-delay trade-off in early stages of logic synthesis 41026
Riera, J. *see* Mari, B. 31805
Riera, J. *see* Velasco, A.J. 11035
Ries, L.L., Smith, S.W. Phase aberration correction in two dimensions using a deformable array transducer 28130
Ries, R. *see* Zengerie, R. 44484
Ries, W. *see* Sorli, I. 32219
Riesch, G. *see* Yordi, B. 60601
Riesco, M.V., Frchoso, F.A., Alvarez, P.C., Gordaliza, A. Validating theoretical hypothesis on access times and repair times statistical distributions for electric power distribution network 8873
Riese, M. Phase current reconstruction of a three-phase voltage source inverter fed drive using a sensor in the DC link 61199
Riesel, H. Summation of double series using the Euler-Maclaurin formula 10448
Riesgo, T., de la Torre, E., Torroja, Y., Uceda, J. The use of standards in electronic design 31065
Riess, I. Review of the limitation of the Hebb-Wagner polarization method for measuring partial conductivities in mixed ionic electronic conductors 48820
Riess, I., Goedickemeier, M., Gauckler, L.J. Characterization of solid oxide fuel cells based on solid electrolytes or mixed ionic electronic conductors 29605
Riess, I., Porat, O. Oxygen partial-pressure measurements under more demanding conditions 27754
Riess, I. *see* Goedickemeier, M. 29612
Riesz, F., Kret, S., Karczewski, G., Wojtowicz, T., Kossut, J. Strain relaxation of ZnTe/CdTe and CdTe/ZnTe heterostructures: in situ study 12352
Riesz, F. *see* Ryc, L. 37464
Riet, E.Van De *see* Van De Riet, E.
Rieter, J.M., Arndt, F. Efficient hybrid boundary contour mode-matching technique for the accurate full-wave analysis of circular horn antennas including the outer wall geometry 45400
Riethmuller, W. *see* Lange, P. 10693
Rietmeyer, A. *see* Adam, A. 37280
Rietto, A.M. *see* Sievert, J. 23324
Rietveld, G., Heimeriks, H. Highly sensitive picoampere meter 27769
Rietz, M. *see* Abt, I. 7783
Rieubland, J.-M. *see* Benda, V. 49014
Rieubland, J.-M. *see* Danielsson, H. 49080
Rieve, J. *see* Kiamilev, F. 33327
Rieve, J. *see* Kiamilev, F. 33336
Riewe, L.C. *see* Fleetwood, D.M. 22954
Riewruja, V. *see* Surakampontorn, W. 41297
Riezenman, M.J. *see* Bell, T.E. 26170
Rifa, J., Pujol, J. Translation-invariant propelinear codes 34595
Rife, J.C. *see* Seely, J.F. 24297
Riffel, M., Schilz, J. Mechanically alloyed $Mg_2Si_{1-x}Sn_x$ solid solutions as thermoelectric materials 30956
Riffel, M. *see* Schilz, J. 30909
Riffle, T.E. Open systems architecture and commercial off the shelf technology applied to retrofit military display subsystems 59946
Rifkin, J. *see* Ruth, R.D. 49165
Rifkin, W.D. *see* Romm, C.T. 26075
Rifqi, M. *see* Bouchon-Meunier, B. 457
Rifuggiato, D. *see* Calabretta, L. 49145
Rifuggiato, D. *see* Ciavola, G. 49283
Rigakis, N., Hilliard, J., Abu Hassan, L., Hetrick, J.M., Andsager, D., Nayfeh, M.H. Effect of oxidation treatments on photoluminescence excitation of porous silicon 33242
Rigato, V., Spolaore, M., Della Mea, G. Deposition of boron nitride coatings by reactive RF magnetron sputtering: correlation between boron and nitrogen contents and the flux of energetic Ar^+ ions at the substrate 10890
Rigaud, B. *see* Chauveau, N. 18441
Rigaud, V. *see* Lucido, L. 36274
Rigaud, V. *see* Lucido, L. 48135
Rigaud, V. *see* Lucido, L. 58490
Rigby, B.S., Harley, R.G. An improved control scheme for a series capacitive reactance compensator based on a voltage source inverter 28830
Rigby, G.P., Pearson, J.E., Ahmed, S., Kane, J.W., Treloar, P.H., Vadgama, P. Flow and microflow–applications in biomedical sensing devices 27707
Rigby, M. Implementation of ITS applications using cellular radio 58235
Rigdal, S. *see* Pak, S. 39452
Riggie, P.M. Migrating M databases to the WWW 6099
Riggins, R.N., Ribbens, W.B. Designed inputs for detection and isolation of failures in the state transition matrices of dynamic systems 37940
Riggs, V.G., Fairfield, R.C., Segura, J. The Speech Transcoding Frame 2000 for GSM cellular systems 47691
Riggs, W.R. Fiber optic interconnect development 38154
Righetti, M. *see* Aiello, A. 4287
Righini, A. *see* Bizzi, A. 37622
Righini, G. *see* Bruni, M.R. 2041
Righter, A.W., Soden, J.M., Beegle, R.W. High resolution I_{DDQ} characterization and testing–practical issues 43268
Rigling, P.C. *see* Huckridge, D. 38169
Rigmant, M.B., Gorkunov, E.S., Ponomarev, V.S., Chernova, G.S. Instrument for measuring the content of ferritic phase ferritometer FM-3 IFM 52922
Rigo, A. *see* Vianello, F. 50213
Rigo, C. *see* Cacciatore, C. 44720
Rigo, C. *see* Coriasso, C. 13653
Rigo, S. *see* Baumvol, I.J.R. 10735
Rigo, S. *see* Baumvol, I.J.R. 42597
Rigo, S. *see* Stedile, F.C. 12567
Rigole, P.-J., Nilsson, S., Backbom, L., Klinga, T., Wallin, J., Stalnacke, B., Berglind, E., Stoltz, B.

Improved tuning regularity over 100 nm in a vertical grating assisted codirectional coupler laser with a super structure grating distributed Bragg reflector 14156
Rigole, P.-J., Nilsson, S., Backbom, L., Stalnacke, B., Berglind, E., Weber, J.-P., Stoltz, B. Quasi-continuous tuning range from 1560 to 1520 nm in a GCSR laser, with high power and low tuning currents 14121
Rigole, P.-J., Nilsson, S., Backbom, L., Stalnacke, B., Klinga, T., Berglind, E., Stoltz, B., Blumenthal, D.J., Shell, M. Wavelength coverage over 67 nm with a GCSR laser: tuning characteristics and switching speed 58283
Rigoll, G. Mutual information neural networks for dynamic pattern recognition tasks 5037
Rigoll, G., Kosmala, A., Rottland, J., Neukirchen, Ch. A comparison between continuous and discrete density hidden Markov models for cursive handwriting recognition 5367
Rigoll, G., Neukirchen, C., Rottland, J. A new hybrid system based on MMI-neural networks for the RM speech recognition task 15001
Rigoll, G. *see* Schuster, M. 25756
Rigsby, J. *see* McSharry, J. 51647
Rihaczek, A.W. *see* Hauss, B.I. 28707
Rihong Jang *see* Jang Rihong
Riihelae, D., Ritala, M., Matero, R., Leskelae, M. Introducing atomic layer epitaxy for the deposition of optical thin films 31842
Riihelae, D., Ritala, M., Matero, R., Leskelae, M., Jokinen, J., Haussalo, P. Low temperature deposition of AlN films by an alternate supply of trimethyl aluminum and ammonia 30807
Riihisaari, T., Kattelus, H., Tarvainen, E. Process alternatives for manufacturing integrated inductors 54812
Riihisaari, T. *see* Tarvainen, E. 54826
Riihola, P. *see* Keinonen, T. 44739
Riipuld, J., Hinrikus, H., Beilenhoff, K., Hartnagel, H. Simulation of breast tissues temperature measurement using Dicke radiometer by FDTD method 49569
Riis, J.O., Knopp, J. Implementing new production management modes: orchestration of simultaneous improvement activities 39665
Riis, J.O., Smeds, R., Johansen, J., Mikkelsen, H. Games for organizational learning in production management 39638
Riisnaes, A., Allen, C., Winkler, P. "Dakota Sun"–the next generation solar powered racing vehicle 20187
Rijie Wang Jianqiang Yang *see* Yang Rijie Wang Jianqiang
Rijke, A.M. *see* Kuhhmann-Wilsdorf, D. 11800
Rijkse, K. H.263: video coding for low-bit-rate communication 25290
Rijn, C.van *see* van Rijn, C.
Rijnders, A.J.H.M. *see* Verbist, K. 43795
Rijnders, G.J.H.M., Koster, A.G., Blank, D.H.A., Rogalla, H. In situ monitoring during pulsed laser deposition of complex oxides using reflection high energy electron diffraction under high oxygen pressure 40446
Rijs, F.Van *see* Van Rijs, F.
Rijsingen, P.C.van *see* van Rijsingen, P.C.
Rikken, G.L.J.A., van Tiggelen, B.A. Direction of optical energy flow in a transverse magnetic field 24494
Riles, K. *see* Adam, A. 37280
Riley, A.L., Kayalar, S., Mittskus, A., Antsos, D., Grigorian, E., Olson, E., Neal, J., Satorius, E., Kermode, A. New millennium deep space Tiny Transmitter: first phase of a digital transponder 58260
Riley, C.D. *see* Jewell, G.W. 38748
Riley, D.J., Turner, C.D. VOLMAX: a solid-model-based, transient volumetric Maxwell solver using hybrid grids 44898
Riley, F.L. Applications of silicon nitride ceramics 30972
Riley, G.N., Jr. *see* Li, Q. 43766
Riley, G.N., Jr. *see* Parrell, J.A. 13476
Riley, J. *see* Evans, D.A. 2245
Riley, J.L. *see* Swift, M. 25229
Riley, J.R. *see* Smith, A.D. 7178
Riley, K., Devaney, A.J. Wavelet processing of images for target detection 15685
Riley, K., Zamenhof, R., Solares, G., Kiger, S., Katz, D., Harling, O. Clinical treatment planning of subjects undergoing boron neutron capture therapy 8126
Riley, K.J., Harling, O.K. Boron-10 analyses using prompt gamma neutron activation and ICP-AES 8120
Riley, K.J. *see* Harling, O.K. 8123
Riley, K.J. *see* Kiger, W.S., III 8122
Riley, L., Grimm, M., Antsos, D., Grigorian, E., Kayalar, S., Kernode, A., Mittskus, A., Neal, J., Olson, E. Ka-band Tiny Transmitter for the New Millennium program 58257
Riley, L.A. *see* Metlay, M.P. 37530
Riley, M.J., Richardson, I.E.G. FEC and multi-layer video coding for ATM networks 5919
Riley, M.J., Richardson, I.E.C. An FEC protocol for MPEG-2 video over ATM 35502
Riley, M.J. *see* Richardson, I.E.G. 15597
Riley, R.E. *see* Timko, R.E. 50191
Riley, T. *see* Speranza, T. 22503
Riley, T.A.D. *see* Bax, W.T. 40964
Riley, T.J., Nanda, A.K., Miner, G., Pas, M.F., Hossain-Pas, S., Velo, L.A. Evaluation of Applied Materials' rapid thermal processor using SEMATECH methodologies for 0.25 μm technology thermal applications. I 22512
Riley, T.J. *see* Nanda, A.K. 22486
Riley, W.J. Addendum to a test suite for the calculation of time domain frequency stability 17222
Riley, W.J. Early stability test results for GPS block IIR rubidium clocks 48315
Riley, W.J. *see* Lyon, K.D. 27320
Rim Choi Jun *see* Jun Rim Choi
Rim Hwakyung *see* Hwakyung Rim
Rim Kim Hye *see* Hye Rim Kim
Riman, R.E. *see* Ballato, J. 23714
Riman, R.E. *see* Ballato, J.M. 13232
Rimaux, S., Ould Bouamama, B., Dauphin-Tanguy, G. Bond graph model of the "shrink and swell" phenomenon in a PWR nuclear power plant 60510
Rimeika, A. *see* Pipinys, P. 2288
Rimet, R. *see* Josse, E. 23527
Rimet, R. *see* Kherrat, R. 48705
Rimini, E. *see* Baeri, P. 22508
Rimini, E. *see* La Via, F. 42088
Rimini, E. *see* La Via, F. 43330
Rimini, E. *see* Torrisi, L. 42383
Rimlyand, V.I., Kazarbin, A.V. Diagnosing rapidly rotating bodies by means of an optical system 59020
Rimmasch, J. *see* Rau, U. 39120
Rimmasch, J. *see* Schmitt, M. 39100
Rimpilainen, I. *see* Starck, J. 28222
Rin Chul Kim *see* Yong Kwan Kim 15974
Rin Park *see* Hale, P.D. 7132
Rinaldi, N. Modelling of high-injection effects in bipolar devices 54583
Rinaldi, N. *see* Rinaldi, P. 22774
Rinaldi, N.F. On the modeling of polysilicon emitter bipolar transistors 32371
Rinaldi, P., Rinaldi, N. Composition grading for base transit time minimization in HBTs: an analytical approach 22774
Rinaldi, R. *see* Calcagnile, L. 24116
Rinaldi, R. *see* Cingolani, R. 33547
Rinaldi, R. *see* Giugno, P.V. 22420
Rinaldi, R. *see* Tucci, M. 50378
Rinaldo, R., Calvagno, G. Hybrid vector quantization for multiresolution image coding 57186
Rinaldo, R. *see* Calvagno, G. 46245
Rinaldo, R. *see* Calvagno, G. 56690
Rinaldo, R. *see* Calvagno, G. 56734
Rinast, E. *see* Handels, H. 37933
Rinast, E. *see* Rossmanith, C. 18396
Rinaudo, G. *see* Allasia, D. 54166
Rinaudo, G. *see* Cabiati, F. 27247
Rincon, G.A. *see* Allen, P.E. 22989
Rincon, M.E., Nair, P.K. Kinetics of electrical conductivity enhancement in bismuth sulphide thin films. I. Argon and hydrogen annealing 33238
Rincon, M.E., Nair, P.K. Low-temperature vapour phase deposition of bismuth sulphide films 52787
Rincon, M.E., Suarez, R., Nair, P.K. Kinetics of electrical conductivity enhancement in bismuth sulphide thin films. II. Optoelectronic properties (film) and phase transformations (powder) under oxygen annealing 33239
Rincon, R. *see* Saiz-Pardo, R. 2240
Rindos, A., Woolet, S., O'Rourke, C., Cosby, D., Ortiz, Z., Sents, J., Young, K., Jotwani, K., Glekas, J., Vouk, M. ATM-to-the-desktop: performance considerations in positioning it among emerging network technologies 46563
Ring, B.J. *see* Hogan, W.W. 28823
Ring, P.J., Elsner, N. Commercial application of the compliant pad: a space technology innovation 20087
Ring, P.J., Virshup, G.F. Application of space technology to X-ray tube bearings 18707
Ringberg, S. *see* Christiansen, A.-L. 8608
Ringborn, M. *see* Lander, P. 49689
Ringel, G. *see* Kratz, F. 7574
Ringel, G. *see* Tobben, H. 7572
Ringel, S.A. Hydrogen-extended defect interactions in heteroepitaxial InP materials and devices 41931
Ringel, S.A. *see* Chatterjee, B. 37979
Ringel, S.A. *see* Hoffman, R.W., Jr. 37977
Ringer, S.A. *see* Sieg, R.M. 10731
Ringger, E.K., Allen, J.F. Error correction via a post-processor for continuous speech recognition 14970
Ringh, U., Jansson, C., Liddiard, K. Readout concept employing a novel on chip 16 bit ADC for smart IR focal plane arrays 17468
Ringh, U. *see* Liddiard, K.C. 17491
Ringhofer, K.H. *see* Rehn, H. 3571
Ringhofer, K.H. *see* Shamonina, E. 33611
Ringler, K.G., Kirkby, P., Erven, C.C., Lat, M.V., Malkiewicz, T.A. The energy absorption capability and time-to-failure of varistors used in station-class metal-oxide surge arresters 38426
Ringler, K.G. *see* Chisholm, W.A. 8927
Ringling, J. *see* Kittelmann, O. 33666
Ringoot, E. *see* Truzzi, C. 22108
Ringrose, P. *see* Kronberg, F. 6033
Rink, K., Descloux, L., Delacretaz, G., Senn, A., Nocera, D., Germond, M., Rastegar, S. Zona pellucida drilling with cw mid-infrared radiation: basics and applications 4176
Rinkevichius, B.S. *see* Grechikhin, V.A. 58668
Rinkunas, R. *see* Montrimas, E. 916
Rinkus, E.K. *see* Kalashnikov, A.A. 19539
Rinkyavichyus, V., Kavalyauskene, G. The thermal quenching of thermally stimulated conductivity 2035
Rinn, R., Fleischer, C. Fusing mainstream and media processors to solve embedded imaging applications affordably 57375
Rinne, G., Koopman, N., Magill, P., Nangalia, S., Berry, C., Mis, D., Rogers, V., Adema, G., Berry, M., Deane, P. Advanced solder flip chip processes 22083
Rinne, G.A., Adema, G.M., Turlik, I. Known good die solutions for flip chips 53883
Rinne, G.A. *see* Mis, J.D. 53831
Rinne, J., Renfors, M. Pilot spacing in orthogonal frequency division multiplexing systems on practical channels 16053
Rinne, K.-H., Theml, K., McCarthy, O. An improved zero-voltage and zero-current switching full bridge converter 51361
Rinne, T. *see* Virtanen, J. 59714
Rinneberg, H. *see* Grosenick, D. 37661
Rino, C.L., Eckert, E., Siegel, A., Webster, T., Ochadlick, A., Rankin, M., Davis, J. X-band low-grazing-angle ocean backscatter obtained during LOGAN 1993 50082
Rinolfi, L. *see* Tang, H. 49299
Rinskov, V.V. *see* Grigoriev, Yu.G. 37894
Rinsland, C.P. *see* Worden, H. 60086
Rinsma-Melchert, I. *see* Boyd, C. 24668
Rintamaki, J.I. *see* Hochman, J.M. 12087
Rintamaki, J.I. *see* Hochman, J.M. 53972
Rintamaki, J.I. *see* Jaynes, R.L. 12086
Rintoul, L. *see* Denham, H. 10985
Rio, D.E., Rawlings, R.R., Kerich, M.J., Momenan, R., Eckardt, M.J. Statistical methods in the Fourier domain to enhance and classify images 25513
Rio, J.G.C.del *see* del Rio, J.G.C.
Rio, Y. *see* Cesarsky, C.J. 36548
Rioboo, R. *see* Ligatsikas, Z. 21015
Riocreux, P.A., Yates, R.B. Non-synchronous control of bit-serial video signal processor array architectures 57115
Rioja, M. *see* Massi, M. 48194
Riondet, O. *see* Mayere, A. 26632
Riordon, J., Didenko, L., Melngailis, J. Stencil mask temperature measurement and control during ion irradiation 22712
Riorentin, S.Re *see* Re Riorentin, S.
Rios, J. *see* Samelis, A. 12891
Rios, J. *see* Sanchez, J.-L. 51171
Rios, J.M.M., Lunardi, L.M., Chandrasekhar, S., Miyamoto, Y. A self-consistent method for complete small-signal parameter extraction of InP-based heterojunction bipolar transistors (HBT's) 21930
Rios, L. *see* Bonal, J. 30168
Rios, L. *see* Bonal, J. 43191
Rios, R. *see* Sleight, J.W. 43101
Rios, S., Acosta, E., Bara, S. Hartmann sensing with Albrecht grids 14474
Rios Leite, J.R. *see* de B. Oliveria-Neto, L. 13930
Rios Leite, J.R. *see* de Moraes, R.M. 47913
Riou, C., Chonavel, T., Cochet, P.-Y. Adaptive subspace estimation–application to moving sources localization and blind channel identification 15384
Rioual, M. A thermohydraulic modelling for the stator bars of large turbogenerators: development, validation by laboratory and on site tests 38694
Rioual, P., Deflandre, T. Impact on the distribution and transmission systems of harmonic current injection due to capacitive load rectifiers in commercial, residential and industrial installations 60888
Rioual, P. *see* Pouliquen, H. 51186
Rioublanc, J. *see* Pagnoux, D. 13616
Rioul, O. A spectral algorithm for removing salt and pepper from images 46491
Rioux, M. *see* Soucy, M. 57259
Rioux-Damidau, F. *see* Chemkha, H. 44955
Rioux-Damidau, F. *see* Djennah, M. 44952
Ripamonti, G., Pullia, A. On the optimum area-balanced filters for nuclear spectroscopy 31355
Ripamonti, G. *see* Bittanti, S. 59308
Ripamonti, G. *see* Gatti, E. 18133
Ripamonti, G. *see* Gatti, E. 56465
Ripamonti, G. *see* Geraci, A. 59346
Ripamonti, G. *see* Pullia, A. 59317
Ripani, M. *see* Rossi, P. 18092
Riper, K.A.Van *see* Van Riper, K.A.
Ripin, B.H. *see* Elton, R.C. 33199
Ripin, D.J. *see* Goldberg, L. 3731
Ripka, G., Hajdu, I. Plastic PGA-64 packages 30214
Ripka, G. *see* Kocsis, Z. 31661
Ripka, P. Noise and stability of magnetic sensors 7275
Ripken, G. *see* Barber, D.P. 7728
Ripoche, G. *see* Fernier, B. 16822
Ripoche, G. *see* Renaud, M. 16730
Ripoche, J.-F., Grillon, G., Prade, B., Franco, M., Nibbering, E., Lange, R., Mysyrowicz, A. Determination of the time dependence of n_2 in air 24203
Ripoli, A. *see* Bedini, R. 49682
Ripoll, D.R. *see* Ashkenazi, G. 53823
Rippert, C. *see* Ianniello, J.W. 49968
Rippich, C. *see* Brock, I.C. 37039

Rippin, M.A. *see* Vedral, V. 45495
Rippon, J.P., Bratby, P.A.W., Smedley, C. Safety case support for Sizewell 'B' enhanced cycles 9038
Ris, C. *see* Fontaine, V. 15064
Ris, C. *see* Fontaine, V. 34639
Risacher, F., Jossinet, J., Schmitt, M. Modifications of point-to-point pulse wave velocity during cardiac cycle 59587
Risacher, F. *see* Jossinet, R. 59588
Risacher, F. *see* McAdams, E.T. 18474
Risaliti, G., Massone, R., Cherubini, F. Electronic road pricing and tolling: a full multilane solution 58855
Risalvato, V. *see* Carapellucci, R. 19578
Risbo, T., Olsen, N. Attitude intercalibration of the star imager and the spherical compact sensor magnetometer for the Orsted geomagnetic satellite mission 59889
Risbud, S.H. *see* Goodwin, T.J. 2023
Risbud, S.H. *see* Leppert, V.J. 32977
Risco, J. *see* Adam, A. 37280
Riser, W.M., Jr. Closed-loop recycling of wastewater from relay cleaning process 52383
Risheng Wang *see* Wang Risheng
Rishton, S. *see* Jordan, R.H. 44598
Rishton, S.A., Ismail, K., Chu, J.O., Chan, K. An MOS transistor with Schottky source/drain contacts and a self-aligned low-resistance T-gate 43040
Rishton, S.A., Lu, Y., Altman, R.A., Marley, A.C., Bian, X.P., Jahnes, C., Viswanathan, R., Xiao, G., Gallagher, W.J., Parkin, S.S.P. Magnetic tunnel junctions fabricated at tenth-micron dimensions by electron beam lithography 43606
Rishton, S.A. *see* Chang, T.H.P. 22673
Rishton, S.A. *see* Kratschmer, E. 24367
Rishton, S.A. *see* Terris, B.D. 22629
Rising, H.K., III. *see* Calzone, S. 35183
Risk, M. *see* Gamero, L.G. 37783
Risk, M.R., Sobh, J.F., Barbieri, R., Saul, J.P. A simple algorithm for QRS peak location: use on long term ECG recordings from the HMS-MIT-FFMS database 59666
Risk, W.P., Lau, S.D. Periodic electric field poling of $KTiOPO_4$ using chemical patterning 23160
Risk, W.P., Loiacono, G.M. Fabrication and characterization of ion-exchanged waveguides in potassium titanyl arsenate 13673
Risk, W.P., Loiacono, G.M. Fabrication of waveguides in potassium titanyl arsenate by ion exchange 33070
Risk, W.P. *see* Chiu, Y. 3467
Risk, W.P. *see* Hu, Z.W. 2925
Riski, K. *see* Hu, J. 23733
Riski, K. *see* Hu, J. 55496
Riskiev, T.T. *see* Muminov, R.A. 50819
Riskin, E.A. *see* Goldschneider, J.R. 25437
Riskin, E.A. *see* Goldschneider, J.R. 56793
Riskin, E.A. *see* Srinivas, B.S. 26009
Risley, C. *see* Surry, J. 18908
Risman, P.O. *see* Sundberg, R. 39474
Rissanen, J.J. *see* Weinberger, M.J. 5332
Risse, S. *see* Guyenot, V. 10150
Risseeuw, J.W. A portable respiratory rate recorder for athletes 49409
Rissell, P.C. *see* Meng, H. 2364
Risson, T. *see* Ceysson, O. 11005
Ristanovic, P. *see* Momoh, J.A. 50477
Ristau, D., Willamowski, U., Welling, H., Plass, W., Giesen, A. Evaluation of a round-robin test on optical absorption at 10.6 μm 59067
Ristau, D. *see* Grilli, M.L. 3937
Ristau, D. *see* Hansen, D. 14627
Ristau, D. *see* Hansen, D. 45228
Ristau, D. *see* Radasky, W.A. 45229
Ristau, D. *see* Willamowski, U. 7637
Ristau, D. *see* Willamowski, U. 59066
Riste, M. *see* Makatsoris, C. 30150
Ristein, J., Stein, W., Ley, L. Defect spectroscopy and determination of the electron diffusion length in single crystal diamond by total photoelectron yield spectroscopy 41840
Ristein, J. *see* Ley, L. 54402
Ristic, B., Boashash, B. On estimation of instantaneous bandwidth 34930
Ristic, B. *see* Boashash, B. 25163
Ristic, G. *see* Pejovic, M. 42980
Ristic, G.S. *see* Pejovic, M.M. 2891
Ristic, L., Shah, M. Trends in MEMS technology 23059
Ristic, M. *see* Brujic, D. 57268
Ristic, R.I., Shekunov, B.Yu., Sherwood, J.N. The growth and perfection of organic non-linear optical crystals: N-methyl urea (NMU) from methanol solution. I. Kinetics and growth anisotropy 684
Ristic, R.I. *see* McEwan, A. 685
Ristic, S. *see* Reljin, B. 21423
Ristic, V.M. *see* Kiruluta, A.M. 37752
Ristori, C. *see* Croce, N. 58731
Ristori, L. *see* Antos, J. 37373
Rit, J.F. *see* Magerand, E. 50716
Ritala, M. Advanced ALE processes of amorphous and polycrystalline films 52712
Ritala, M. *see* Asikainen, T. 52713
Ritala, M. *see* Ihanus, J. 52706
Ritala, M. *see* Kukli, K. 40404
Ritala, M. *see* Kukli, K. 52714
Ritala, M. *see* Riihelae, D. 30807
Ritala, M. *see* Riihelae, D. 31842
Ritala, M. *see* Sarlund, J. 9552
Ritcey, J.A. *see* Bong-Gee Song 6869
Ritcey, J.A. *see* Bong-Gee Song 6992
Ritcey, J.A. *see* Bong-Gee Song 16834
Ritcey, J.A. *see* Bong-Gee Song 25815
Ritcey, J.A. *see* Stokes, J.W. 6472
Ritcey, J.A. *see* Xiaodong Li 45621
Ritch, M. *see* Yao, J.G. 35860
Ritchie, A.E. *see* Gislason, F. 19720
Ritchie, B. Solventless processing and coatings compatibility 1775
Ritchie, B. Conformal coating over soldermask, no-clean soldering and alternate cleaning technologies 39774
Ritchie, D.A. *see* Burke, T.M. 42581
Ritchie, D.A. *see* Drndic, M. 42179
Ritchie, D.A. *see* Field, M. 2734
Ritchie, D.A. *see* Iredale, N. 43125
Ritchie, D.A. *see* Jones, G.A.C. 10785
Ritchie, D.A. *see* Kardynal, B. 42165
Ritchie, D.A. *see* Liang, C.-T. 54168
Ritchie, D.A. *see* Liang, C.-T. 54190
Ritchie, D.A. *see* Patel, N.K. 42117
Ritchie, D.A. *see* Sazio, P.J.A. 22537
Ritchie, D.A. *see* Sazio, P.J.A. 32140
Ritchie, D.A. *see* Turner, N. 2210
Ritchie, D.G. Making CD databases work over a WAN: requirements and expectations 47181
Ritchie, E. *see* Andersen, H.R. 61350
Ritchie, E. *see* Sandholdt, P. 9633
Ritchie, G. *see* Turner, A. 10389
Ritchie, I. New media publishing 57726
Ritchie, S., Johnson, S.R., Lavoie, C., Mackenzie, J.A., Tiedje, T., Streater, R. Semiconductor substrate cleaning and surface morphology in molecular beam epitaxy 52680
Ritchings, R.T., Antonacopoulos, A., Drakopoulos, D. Analysis of scanned Braille documents 4977
Ritenberg, F. *see* Gekat, F. 51259
Rith, K. *see* Stenger, J. 36370
Ritola, J., Lukkarinen, S. Comparison of time-frequency distributions in the heart sounds analysis 28096
Ritonja, J., Dolinar, D., Grear, B., Donlangic, D. Practical adaptive control for power system stabilizer 60252
Rits, W. *see* Doyle, D. 6814
Ritsataki, A., French, P.M.W., New, G.H.C. Numerical model of Kerr-lens mode-locking 3754
Rittenberg, E. *see* Stout, A. 48652
Ritter, D. *see* Betser, Y. 12634
Ritter, D. *see* Keidler, M. 40341
Ritter, G., Tillack, B., Wolansky, D. Memory effect in RTCVD epitaxy of Si and SiGe 22781
Ritter, G. X. *see* Schmalz, M.S. 15771
Ritter, G.X. *see* Schmalz, M.S. 49993
Ritter, H. *see* Heidemann, G. 15521
Ritter, H. *see* Littmann, E. 25300
Ritter, H. *see* Walter, J. 57042
Ritter, H.G. *see* Bieser, F. 59307
Ritter, J., Amdt, F. Efficient FDTD/matrix-pencil method for the full-wave scattering parameter analysis of waveguiding structures 21880
Ritter, K. *see* Novak, E. 10450
Ritter, M. Analysis of feedback-oriented congestion control mechanisms for ABR services 35382
Ritter, M. *see* Rozenberg, A. 18886
Ritter, M. *see* Trewhella, J.M. 227
Ritter, R., Galanulis, K., Winter, D., Muller, E., Breuckmann, B. Notes on the application of electronic speckle pattern interferometry 7611
Ritter, R. *see* Bergmann, D. 7604
Ritter, T.M. *see* Weinstein, B.A. 22231
Ritter, W. *see* Heisele, B. 25779
Rittinghaus, D. *see* Banowski, D. 38368
Rittmann, R. Drying of painted steel pipes using electrically generated infrared radiation 61362
Ritz, A. *see* Gartner, G. 53899
Ritz, K. Shrinkage of thin laminates–theoretical considerations and experimental results 11844
Ritz, S. *see* Willems, M. 25217
Ritzer, T.M., Nagy, M.J., Buist, R.J. Evaluation of thermal junction quality in thermoelectric assemblies using transient analysis technology 30327
Ritzert, W.H. *see* Fuhrer, A. 9864
Ritzhaupt-Kleissl, H.-J., Bauer, W., Gunther, E., Laubersheimer, J., Hausselt, J. Development of ceramic microstructures 52840
Ritzmann, H. Solving die bonding problems in BGA assembly 20948
Riu, P.J., Bragos, R., Rosell, J. Broadband quasi-differential multifrequency electrical impedance imaging system 18445
Riu, P.J. *see* Casas, O. 18440
Riu, P.J. *see* Jurgens, I. 18460
Rius, A. *see* Juan, J.M. 45146
Rius, J., Figueras, J. Dynamic characterization of built-in current sensors based on PN junctions: analysis and experiments 36538
Rius, J. *see* Ortega, M.A. 23002
Rius, J.M., Carpintero, C.P., Cardama, A., Mosig, J.R. Theoretical error in the integral equation MEI 4228
Rius, J.M., Carpintero, C.P., Cardama, L.A., Michalski, K.A. Analysis of electrically large concave scatterers with the integral equation MEI 55997
Riva, G. *see* Daniele, P. 45130
Riva, G. *see* Frullone, M. 6532
Riva, G. *see* Frullone, M. 16623
Riva, G. *see* Frullone, M. 47721
Riva, L. *see* Zaccherni, C. 42782
Riva, M. *see* Monti, A. 38888
Riva, M. *see* Monti, A. 51799
Riva, R., Christ, B., Rodrigues, N.A.S., Trava-Airoldi, V.J., Corat, E.J. Cutting and drilling of CVD diamond using a copper vapor laser 14495
Rival, I. *see* Fofanova, T. 30490
Rivara, M.-C., Iribarren, G. The 4-triangles longest-side partition of triangles and linear refinement algorithms 10558
Rivara, M.-C., Vemere, M. Cost analysis of the longest-side (triangle bisection) refinement algorithm for triangulations 637
Rivas, J. *see* Walz, F. 43649
Rivas, R. Less flex means more yield [PCB testing] 41645
Rivera, A. *see* Hahn, F. 9754
Rivera, A. *see* van Veen, A. 12182
Rivera, G.G.de *see* de Rivera, G.G.
Rivera, J. *see* Gregory, J.M. 20619
Rivera, J.F. *see* Ferrero, R.W. 60281
Rivera, M. A full vector beam propagation method for bent channel waveguides 23551
Rivera, M. Lowest-order mode transmission in multimode dielectric S-bends 55255
Rivera, M., Servin, M., Marroquin, J.L. Fourier transform technique for phase unwrapping with minimized boundary effects 35236
Rivera-Colon, R. *see* Lindquist, C.S. 4887
Rivera-Noriega, R. *see* Ordonez-Regil, E. 825
Rivero, U. *see* Bufkin, J.M. 46998
Rivero-Moreno, C., Escalante-Ramirez, B. Seismic signal detection with time-frequency models 38042
Riveros, J. *see* Orozco, P. 7622
Rivers, L.J. *see* Kelly, A.E. 44496
Rivers, L.J. *see* Okai, M. 23947
Rivers, P.E. *see* Asal, R. 13796
Rivest, R.L., Shamir, A. PayWord and MicroMint: two simple micropayment schemes 56276
Rivetti, A., Martini, G., Birello, G. LHe flowmeters: state of the art and future developments 48450
Riviere, J.-R. *see* Pasquet, D. 27882
Rivierre, B. *see* Cazaux, J.-L. 59897
Rivierre, N. *see* Jacquet, P. 47077
Rivierre, N. *see* Jacquet, P. 47080
Rivierre, N. *see* Jacquet, P. 47081
Rivkin, T.V. *see* Miranda, F.A. 54923
Rivlin, E., Weiss, I. Deformation invariants in object recognition 35171
Rivlin, E. *see* Bruckstein, A.M. 5292
Rivlin, E. *see* Fayman, J.A. 5607
Rivlin, L.A. Nonisothermal trigger transition processes in a semiconductor laser 14099
Rivlin, L.A. Stopped light 45165
Rivlin, L.A., Zadernovsky, A.A. Induced two-quantum gamma emission of free nuclei under conditions of external ignition 13911
Rivlin, Z., Cohen, M., Abrash, V., Chung, T. A phone-dependent confidence measure for utterance rejection 15047
Rivoalen, H. *see* Pratmarty, D. 51837
Rivoallan, K. *see* Kurkov, A.S. 43971
Rivoallan, L. *see* Delevaque, E. 48025
Rivoallan, L. *see* Kurkov, A.S. 43983
Rivoallan, L. *see* Quetel, L. 13600
Rivoir, R. *see* Maloberti, F. 53360
Rivoire, G. At the crossroads of nonlinear optics and Fourier optics 55860
Rivoire, G. *see* Rhaimini, S.E. 33620
Rivoire, G. *see* Sahraoui, B. 24153
Rivoire, G. *see* Sahraoui, B. 55861
Rivola, A. *see* Dalpiaz, G. 56435
Rix, H. *see* Bataillou, E. 49740
Rix, W. *see* Parks, D. 19896
Rix, W. *see* Thompson, J. 19894
Riyait, V.S. *see* Lawlor, M.A. 50187
Riyaz Ismail, M., Lambadaris, I., Devetsikiotis, M., Kaye, A.R. Simulation and modelling of variable bit rate MPEG video transmission over ATM networks 46575
Riyopoulos, S. Magnetron operation near the drift-cyclotron resonances 12096
Riyopoulos, S. Nonlinear theory of a high efficiency E×B drifting electron laser 14199
Riyopoulos, S., Chernin, D. Saturation mechanisms for multipactors 1923
Riyopoulos, S., Chernin, D., Dialetis, D. Effect of random secondary delay times and emission velocities in electron multipactors 31679
Riz, D. *see* Jacquot, C. 37177
Riza, N.A. Acousto-optic null steering adaptive photonic processor architectures for phased arrays 4404
Riza, N.A. Multichannel variable optical control systems for large coherent optical arrays 6982
Riza, N.A. Advances in three dimensional reversible photonic modules for phased array control 56216
Riza, N.A. Wavelength switched fiber-optically controlled ultrasonic intracavity probes 59485
Riza, N.A., Howlader, M.M.K. Photonic processor for in-phase and quadrature array signal processing 6957
Riza, N.A., Madamopoulos, N. Photonic time delay beamforming architectures using polarization switching arrays 4405
Riza, N.A., Madamopoulos, N. Microwave band demonstration of a reflective geometry fiber and free-space binary photonic delay line 43977
Riza, N.A., Madamopoulos, N. Phased-array antenna, maximum-compression, reversible

photonic beam former with ternary designs and multiple wavelengths 45426
Riza, N.A. *see* Kim, J. 14737
Riza, N.A. *see* Madamopoulos, N. 27004
Rizea, M. *see* Ixaru, L.G. 40229
Rizk, F.A.M., Rezazada, A.Q. Modeling of altitude effects on AC flashover of polluted high voltage insulators 50611
Rizk, F.A.M. *see* Pigini, A. 8923
Rizk, R. *see* Ihlal, A. 12179
Rizkalla, M.E., O'Loughlin, C., Yokomoto, C., Burkart, G. A new electronic manufacturing course for the electrical engineering curriculum 9852
Rizkalla, M.E., O'Loughlin, C.L., Yokomoto, C.F., Burkart, G. An innovative model for senior level undergraduate engineering education in electronic manufacturing 20811
Rizopoulos, D. *see* Perris, A. 8025
Rizvi, N.H., Gower, M.C., Ashworth, D., Sykes, N., Rumsby, P.T., Smith, B.W., Goodall, F.N., Lawes, R.A. 193 nm imaging using a small-field high-resolution resist exposure tool 2540
Rizvi, S.A., Nasrabadi, N.M. Finite-state residual vector quantization using a tree-structured competitive neural network 56687
Rizvi, S.A. *see* Jang, E.S. 25359
Rizvi, S.A. *see* Nasrabadi, N.M. 8661
Rizvi, S.A.H., Singh, R.K. On estimation of population mean using known coefficient of variation 40030
Rizy, D.T. *see* Gu, Z. 8886
Rizzata, F.B. *see* Pakter, R. 17943
Rizzi, B.J. *see* Zhang, X. 27879
Rizzi, G.A. *see* Bandoli, G. 30921
Rizzi, M. *see* Castagnolo, B. 46822
Rizzio, S.P. *see* Min, B.Y. 52292
Rizzo, A., Mirenghi, L., Tapfer, L., Alvisi, M., Vasanelli, L., Sarto, F., Scaglione, S. Structural, compositional and optical characterisation of thin TiO_xN_y coatings fabricated by dual ion beam sputtering 3569
Rizzo, A. *see* Cucurachi, S. 3541
Rizzo, C. *see* Cantatore, G. 27512
Rizzo, F. *see* Aiello, S. 1483
Rizzo, F. *see* Aiello, S. 49328
Rizzo, G. *see* Baticnani, G. 7810
Rizzo, G. *see* Batignani, G. 7811
Rizzo, L. Dummynet: a simple approach to the evaluation of network protocols 46735
Rizzo, M., Utting, I.A. A negotiating agents model for the provision of flexible telephony services 57751
Rizzo, N.D. *see* Wang, J.-Q. 55093
Rizzo, R. *see* Bacchi, E. 48944
Rizzo, R. *see* Grassi, M.L. 51724
Rizzo, S. *see* Xiao, Y. 29442
Rizzo, S. *see* Zargari, N.R. 19215
Rizzoli, R. *see* Dori, L. 58900
Rizzoni, G. *see* Samimy, B. 17809
Rjevsky, V. *see* Kagan, M. 39178
Ro, J.-R. *see* Kim, S.-B. 30814
Ro, S. *see* Lee, S. 36813
Ro, T.-S., Kim, J.-C. Evolution of the communications industry in advanced countries: implication for the policy direction of Korea 25998
Ro, T.I. *see* Park, S.T. 49313
Ro Cheul Woo *see* Cheul Woo Ro
Ro Choo Heung *see* Heung Ro Choo
Ro Jae-Sang *see* Jae-Sang Ro
Ro Lee Seong *see* Seong Ro Lee
Ro-Min Weng *see* Jiun-Wei Horng 41318
Roa, L., Chervin, J.C., Chevy, A., Davila, M., Grima, P., Gonzalez, J. Optical absorption and Raman scattering measurements in $CuAlSe_2$ at high pressure 22282
Roa, L. *see* de Guevara, L.L. 44322
Roa-Sepolveda, C.A., Silva-Salgado, J.A., Knight, U.G., Coonick, A. Environmental economic dispatch via decision trees 19190
Roa-Sepulveda, C.A., Pinilla-Ramirez, J.A., Knight, U.G. Static voltage indicators sensitivity in the presence of dynamic loads 19081
Roa-Sepulveda, C.A., Salazar-Nova, E.R., Gracia-Caroca, E., Knight, U.G., Coonick, A. Environmental economic dispatch via Hopfield neural network and Taboo search 19550
Roach, C.J. *see* Keusseyan, R.L. 53809
Roach, J.F. *see* Johnson, D.C. 9174
Roach, J.F. *see* Kimball, B.R. 24230
Roach, J.Z., Swales, S.W. Network-based imaging system for the OMEGA laser system 33597
Roach, M., III, Faillace-Akazawa, P., Malfatti, C., Holland, J., Hricak, H. Prostate volumes defined by magnetic resonance imaging and computerized tomographic scans for three-dimensional conformal radiotherapy 28160
Roach, S. *see* Dorrell, D.G. 38722
Roach, W.P. *see* Hammer, D.X. 59779
Roaf, S., Fuentes, M. The Oxford Photovoltaic house: lessons for the future UK PV industry 60611
Roan, C. *see* Hu, S.J. 10181
Roark, C. SAE AS4893 Generic Open Architecture (GOA) framework 59947
Roark, C., Kiczuk, B. Open systems–a process for achieving affordability 8245
Roark, C., Kiczuk, B. Open systems–a process for achieving affordability [in avionics systems] 37955
Roark, M.B. FIRM–a database management system for real-time avionics 50288
Robach, C. *see* Al Hayek, G. 36432
Robach, C. *see* Al-Hayek, G. 31220
Robach, C. *see* Le Traon, Y. 31240
Robach, Y. *see* Krapf, P. 10720
Roback, D.M. *see* Allison, W.W.M. 37269
Robadey, J., Marti, U., Miles, R.O., Glick, M., Filipowitz, F., Achtenhagen, M., Martin, D., Morier-Genoud, F., Silva, P.C., Magnenat, Y., Jouneau, P.-H., Bobard, F., Reinhart, F.K. Distributed feedback gain-coupled lasers based on InGaAs quantum-wire arrays 23900
Robadey, J., Martin, D., Glick, M., Silva, P.C., Jouneau, P.-H., Marti, U., Reinhart, F.K. Gain coupled DFB lasers with active layer grown on a corrugated substrate by molecular beam epitaxy 33523
Robalewska, H. *see* Molloy, M.S.O. 52501
Robart, D. *see* La Jeune, P. 54076
Robb, F.Y. *see* Fragale, W. 43035
Robb, G. Internet security: the business challenge 16231
Robb, G.R.M. *see* McNeil, B.W.J. 44592
Robb, S.P. *see* Shen, Z.J. 43081
Robbes, D. *see* Dolabdjian, C. 7294
Robbes, D. *see* Mechin, L. 36552
Robbins, K. *see* Vaidyanathan, H. 29564
Robbins, M. *see* Hadar, O. 5512
Robbins, T., Hawkins, J. Powering telephony on coax networks–a guide to dimensioning 51309
Robbins, T. *see* Hawkins, J.M. 50340
Robbins, V.M. *see* Goldman, R.S. 2105
Robein, D. *see* Nakajima, H. 26910
Rober, J. *see* Riedel, S. 40650
Roberge, F.A. *see* Gagnon, D. 49732
Roberge, F.A. *see* Jamaleddine, R.S. 49727
Roberge, F.A. *see* Nour, C.A. 59581
Roberge, J. *see* Kim, B. 37688
Roberge, J. *see* Song, I. 37734
Roberge, J. *see* Wolfer, J. 60101
Roberge, J. *see* Wu, K.L. 37687
Roberge, P.R. *see* Amphlett, J.C. 20001
Roberge, R. *see* Cave, J. 38377
Robert, A., Deflandre, T., Gunther, E., Bergeron, R., Emanuel, A., Ferrante, A., Finlay, G.S., Gretsch, R., Guarini, A., Iglesias, J.L.G., Hartman, D., Lahtinen, M., Marshall, R., Oonishi, K., Pincella, C., Poulsen, S., Ribiero, P., Samotyj, M., Sand, K., Smid, J., Wright, P., Zhelesko, Y.S. Guide for assessing the network harmonic impedance 8733
Robert, A. *see* Jacquet, P. 36872
Robert, A. *see* Zaidi, M. 37818
Robert, B., Goeldel, C. Detailed study of limit running modes of a quasi-resonant converter with a view to down-regulation 51342
Robert, C. *see* Yassfy, A. 12720
Robert, F., Lefebvre, G. Image processing for dam survey in civil engineering 46033
Robert, F. *see* Dular, P. 44931
Robert, J.-L. *see* Teisseyre, H. 40442
Robert, J.L., Bosc, F., Sicart, J. Investigation of dopant segregation in GaAs-AlAs short-period superlattices by Hall effect under high pressure 22350
Robert, J.L. *see* Dezauzier, C. 10706
Robert, J.L. *see* Dmowski, L.H. 22348
Robert, J.L. *see* Gougam, A.B. 42146
Robert, J.L. *see* Knap, W. 54169
Robert, J.P. *see* Aleksan, R. 59201
Robert, L. *see* Manceau, J.-F. 17808
Robert, L. *see* Vieville, T. 15829
Robert, M. *see* Aucouturier, J.L. 9860
Robert, M. *see* Moraes, F. 13070
Robert, M. *see* Pillement, S. 11438
Robert, P. *see* Jacquet, P. 27170
Robert, P.A. *see* Kung, A. 17433
Robert, P.A. *see* Kung, A. 58795
Robert, P.A. *see* Meyer, T. 3370
Robert, P.A. *see* Meyer, T. 55209
Robert, Ph.A. *see* Kung, A. 23516
Robert, T., Mailhes, C. Continuously evolving classification using time-varying AR modeling 34941
Robert, T. *see* Cesarsky, C.J. 36548
Robertazzi, R. *see* Yi-Hua Tang 36361
Robertazzi, R.P. *see* Rylov, S.V. 17469
Robertazzi, T.G. *see* Bataineh, S. 453
Robertiello, A. *see* Camilli, M. 60092
Roberto, V. *see* Trucco, E. 39879
Roberto, V. *see* Tascini, G. *(editor)* 75
Roberto Rao, Kultashev, O. Ir-Ce cathodes as high-density emitters in electron beam ion source 37199
Roberton, B. *see* Tooley, F.A.P. 33333
Roberton, R.A., Bornes, A.H. Adjustable frequency drive system for North Sea gas pipeline 51912
Roberts, A., von Bibra, M.L. Fabrication of buried channel waveguides in fused silica using focused MeV proton beam irradiation 3425
Roberts, A. *see* Pantziou, G.E. 57587
Roberts, A.H. *see* Buckle, P.D. 53636
Roberts, A.R., Joubert, J. PML absorbing boundary condition for higher-order FDTD schemes 24456
Roberts, B. *see* Lee, H. 42278
Roberts, B.P., Nelms, R.M., Grigsby, L.L. Feedforward control of parallel resonant DC-DC converter with capacitor input source 9392
Roberts, C. *see* Hunt, J. 33310
Roberts, C. *see* Newman, R.C. 2029
Roberts, C. *see* Roberts, J.M. 31511
Roberts, C.E., Jenkins, P.N., Osborn, C.T. Low-cost inertial/GPS for ballistic missiles with application to unmanned systems 16645
Roberts, C.W. *see* West, L.C. 33062
Roberts, D.A. *see* Custer, J.S. 42258
Roberts, D.A. *see* George, M.A. 42467
Roberts, D.E. *see* Graves-Morris, P.R. 30559
Roberts, D.S., Amin, M.G. Linear vs. bilinear time-frequency methods for interference mitigation in direct sequence spread spectrum communication systems 6490
Roberts, E. IP on speed 47184
Roberts, E. *see* Heywood, P. 46884
Roberts, G., Boashash, B. Classification of non-stationary random signals using multiple hypotheses testing 4670
Roberts, G., Zoubir, A.M., Boashash, B. The generalised sequentially rejective Bonferroni test applied to non-stationary, random signal classification 25162
Roberts, G., Zoubir, A.M., Boashash, B. Classification of non-stationary random signals using multiple hypotheses testing 34942
Roberts, G. *see* Rutter, S.M. 58243
Roberts, G.C. *see* Dyer, P.E. 52186
Roberts, G.E. *see* Lin, K. 32794
Roberts, G.E. *see* Lin, K. 32881
Roberts, G.L. *see* Cava, R.J. 43422
Roberts, G.N., Sharif, M.T., Sutton, R., Agarwal, A. Robust control methodology applied to the design of a combined steering/stabiliser system for warships 60172
Roberts, G.W. Metrics, techniques and recent developments in mixed-signal testing 13087
Roberts, G.W. *see* Haurie, X. 11064
Roberts, G.W. *see* Hawrysh, E.M. 41349
Roberts, G.W. *see* Leong, C.H. 41271
Roberts, G.W. *see* Perry, D. 11556
Roberts, H.K., Van Wezel, L. Application of angle-resolved laser radar to industrial processes 141
Roberts, J., Trummer, J. Addressing small form factor assembly challenges 41636
Roberts, J. *see* Anderson, F. 28682
Roberts, J. *see* Brichet, F. 52413
Roberts, J. *see* Daqing Hou 19800
Roberts, J. *see* Jordan, J. 59938
Roberts, J. *see* Milgrom, P. 10275
Roberts, J. *see* O'Brien, A. 23960
Roberts, J.C., Boutros, K.S., Bedair, S.M. Selective area epitaxy of GaAs optical waveguides by laser assisted chemical vapor deposition 13680
Roberts, J.C., McIntosh, F.G., Boutros, K.S., Bedair, S.M., Moussa, M., Piner, E.L., He, Y., El-Masry, N.A. Growth of high quality InGaN films by metalorganic chemical vapor deposition 10794
Roberts, J.C. *see* Boutros, K.S. 21273
Roberts, J.C. *see* McIntosh, F.G. 21274
Roberts, J.C. *see* McIntosh, F.G. 52697
Roberts, J.C. *see* Piner, E.L. 10798
Roberts, J.C. *see* Piner, E.L. 40409
Roberts, J.M., Harris, J.J., Hopkinson, M., Roberts, C. A comparison of ∂-doped quantum well structures for power FET applications 31511
Roberts, J.S., David, J.P.R., Chen, Y.H., Sale, T.E. Optical properties of MOVPE grown $Al_xGa_{1-x}As$ quantum wells 40487
Roberts, J.S. *see* Cusumano, P. 33534
Roberts, J.S. *see* Griffin, P.R. 3601
Roberts, J.S. *see* Hirotani, M. 44294
Roberts, J.S. *see* Krauss, T.F. 44532
Roberts, J.S. *see* Mazzer, M. 31995
Roberts, J.S. *see* Ooi, B.S. 42190
Roberts, J.S. *see* Ooi, B.S. 55291
Roberts, J.S. *see* Opher-Lipson, M. 12395
Roberts, J.S. *see* Roberts, V. 10803
Roberts, J.S. *see* Sale, T.E. 44552
Roberts, J.S. *see* Stone, R.J. 42206
Roberts, J.W., Wynen, J. Programmable CCD camera equipped with user configurable video rate digital video processing for use in industrial inspection 35151
Roberts, K. *see* Yamrone, B. 59335
Roberts, K.J. *see* Sasaki, J.M. 41937
Roberts, K.M. *see* Gorbics, M.S. 59332
Roberts, L.G. *see* Leiner, B.M. 47137
Roberts, M. Communication based plant control and monitoring systems 35681
Roberts, M.P.S. *see* Ashwell, G.J. 7465
Roberts, M.R. *see* Doyle, T.W. 8525
Roberts, P. *see* Scudiere, J.D. 60402
Roberts, P.C. *see* Roggeman, M.C. 54853
Roberts, P.D. *see* Calado, J.M.F. 30344
Roberts, P.G., Milne, D.K., John, P., Jubber, M.G., Wilson, J.I.B. The selective area deposition of diamond films 10921
Roberts, P.J. *see* Wijnands, F. 56063
Roberts, R.S., Lewis, P.S., Vela, O.A. A pattern recognition algorithm for the blind discrimination of liquid and solid filled munitions 18980
Roberts, S. *see* Michie, C. 17454
Roberts, S. *see* Tribe, W.R. 41901
Roberts, S.J. Scale-space unsupervised cluster analysis 5353
Roberts, S.J., Penny, W., Pillot, D. Novelty, confidence and errors in connectionist systems 5190
Roberts, V., Roberts, J.S., Jones, A.C., Rushworth, S. Alternative routes to the MOVPE growth of GaN and AlN 10803
Roberts, W.L. *see* Herring, G.C. 17853
Roberts-Baxter, G.J. *see* Harris, N.G. 26244

Robertson, A., Knappe, R., Wallenstein, R. Kerr-lens mode-locked Cr:LiSAF femtosecond laser pumped by the diffraction-limited output of a 672-nm diode-laser master-oscillator power-amplifier system 55561
Robertson, B. *see* Barrett, C.P. 13764
Robertson, B. *see* Gittleman, M.M. 48846
Robertson, B. *see* Liu, Y.S. 13901
Robertson, B. *see* Plant, D.V. 13894
Robertson, B. *see* Plant, D.V. 55473
Robertson, B.W. *see* Kirby, R.D. 55046
Robertson, D. Jitter measurement requirements in PDH/SDH networks 26013
Robertson, D. Treating absolute gravity data as a spacecraft tracking problem 50015
Robertson, D. Selecting mixed-signal components for digital communication systems. An introduction 53466
Robertson, D. *see* Valvo, M. 20190
Robertson, D.N. *see* Lelis, A.J. 21697
Robertson, D.S. *see* Faller, J.E. 17188
Robertson, E. *see* Cairns, G.F. 13960
Robertson, E.A. *see* Beck, S.E. 42443
Robertson, E.B. Grounding systems 28934
Robertson, E.E., Eason, R.W., Yokoo, Y., Chandler, P.J. Photorefractive damage removal in annealed-proton-exchanged $LiNbO_3$ channel waveguides 55277
Robertson, E.F. *see* O'Connor, J.J. 52060
Robertson, G., Kirlin, R.L., Lu, W.-S. An adaptive moving window multiple sidelobe canceller for seismic data 18779
Robertson, H., Pearson, A.W., Ball, D.F. The development of networks between engineering contractors and their clients: the special case of partnering 125
Robertson, I. *see* Algiannakis, C. 26494
Robertson, I.D., Karacaoglu, U., Sanchez-Hernandez, D. CAD techniques for microwave circuits 21902
Robertson, I.D. *see* Baree, A.H. 41479
Robertson, I.D. *see* Baree, A.H. 53668
Robertson, I.D. *see* Khalid, A.H. 21968
Robertson, I.D. *see* Lucyszyn, S. 11639
Robertson, I.D. *see* Nam, S. 21981
Robertson, I.D. *see* Passiopoulos, G. 47211
Robertson, I.D. *see* Sanchez-Hernandez, D. 14764
Robertson, I.D. *see* Sanchez-Hernandez, D. 24551
Robertson, I.M., Jencic, I. Regrowth of amorphous regions in semiconductors by sub-threshold electron beams 31764
Robertson, J. *see* Warren, W.L. 13205
Robertson, J.D. *see* Wang, B. 19962
Robertson, J.G. *see* Crawford, D.F. 27123
Robertson, J.M. *see* Haworth, L.I. 9904
Robertson, J.M. *see* Raesner, D. 10211
Robertson, J.P. Some managerial considerations of project management methodology 39643
Robertson, M. *see* Baxter, G.M. 7895
Robertson, M. *see* Okuno, A. 52239
Robertson, M. *see* Timofeev, F.N. 48022
Robertson, M. *see* Zylbersztejn, A. 26901
Robertson, M.D. *see* Mohajerzadeh, S. 1985
Robertson, M.J., Lealman, I.F., Collins, J.V. The expanded mode laser–a route to low cost optoelectronics [for access networks] 26907
Robertson, M.J. *see* Meredith, W. 33558
Robertson, M.J. *see* Okai, M. 23947
Robertson, N. *see* Tsang, C. 43675
Robertson, P., Worz, T. A novel bandwidth efficient coding scheme employing turbo codes 4472
Robertson, P. *see* Fiebig, U.-C.G. 4473
Robertson, P. *see* Papke, L. 4465
Robertson, P.A. Miniature magnetic sensor with a high sensitivity and wide bandwidth 48420
Robertson, P.A., Ludden, B.P. A fibre optic distributed sensor system for condition monitoring of synthetic ropes 48641
Robertson, R. *see* Tentzeris, E.M. 34148
Robertson, R.E. *see* Cole, R.C. 12594
Robertson, R.G. Development and qualification of a plastic ball grid array replacement process 20861
Robertson, S. *see* Ponchak, G.E. 53645
Robertson, S.J. *see* Evans, D. 52849
Robertson, T., Raskatti, B., Zukerman, I. Stress classification in continuous speech using a minimum message length classifier 14959
Robertson, T.L. *see* Honchell, J.W. 20613
Robertson, W. *see* Arai, Y. 37267
Robertson, W. *see* Arai, Y. 37268
Robertson, W. *see* Dhanantwari, A.C. 16976
Robertson, W. *see* Stergiopoulos, S. 15174
Robertson, W.M. *see* Plant, D.V. 13894
Robertson, W.M. *see* Plant, D.V. 55473
Robeson, W.R. *see* Pentlow, K.S. 7909
Robet, P.P., Gautier, M. Dynamic control of a robot arm including brushless actuator effect 51044
Robet, P.P., Gautier, M., Bergmann, C. Control design with technological constraints 60971
Robey, H.F., Budil, K.S., Remington, B.A. Spatial resolution of gated X-ray pinhole cameras 37570
Robic, B. Routing in circulant networks 52927
Robic, J.Y., Leplan, H., Berger, M., Chaton, P., Quesnel, E., Lartigue, O., Pelle, C., Pauleau, Y., Pierre, F. Residual stress, composition and optical properties of SiO_xN_y thin films deposited by dual ion beam sputtering 3568
Robic, J.Y., Leplan, H., Pauleau, Y., Rafin, B. Residual stress in silicon dioxide thin films produced by ion-assisted deposition 40540
Robillard, M.N. *see* Morrison, B.D. 59924
Robillard, M.N. *see* Morrison, B.D. 59925
Robilliart, E., Dubois, E. Physical MOSFET's model for analog circuit design: application to current copier based architectures 12854
Robilliart, E., Dubois, E. Non-quasi-static SOI MOSFET model dedicated for analog circuit design 12995
Robilliart, E., Dubois, E. Accuracy and convergence properties of a one-dimensional numerical non-quasi-static MOSFETs model for circuit simulation 13149
Robin, A.I. *see* Prasada Rao, A.V. 937
Robin, A.I. *see* Prasada Rao, A.V. 21369
Robin, D., Alvis, R., Jackson, A., Holtzapple, R., Podobedov, B. Low alpha experiments at the ALS 17998
Robin, D., Hama, H., Nadji, A. Experimental results on low alpha electron-storage rings 17996
Robin, M. Use spreadsheets to optimize matching networks 1026
Robin, P. *see* Bouche, C.-M. 23664
Robin, P. *see* Dentan, V. 3326
Robin, P. *see* La Barny, P. 24233
Robinette, L.E. *see* Lum, G.K. 22995
Robinette, L.E. *see* Van Eck, T.E. 44074
Robins, G. *see* Alexander, M.J. 21628
Robins, R. *see* Alper, B. 37569
Robinson, A., O'Mahony, M.J. A growable ATM switch using an optical bus as the interconnection network 26806
Robinson, A. *see* Forbes, D. 44589
Robinson, A. *see* Saunders, R.A. 6853
Robinson, A. *see* Underwood, A.C. 7894
Robinson, A.J., Chambers, B., Bennett, J.C. Technique for predicting the electromagnetic performance of impedance-loaded dielectric space-frame radome components 45472
Robinson, A.J., Chambers, B., Bennett, J.C. Prediction of the electromagnetic performance of large ground-based impedance-loaded dielectric space-frame radomes 45473
Robinson, A.J. *see* Cook, G.D. 15143
Robinson, A.M. *see* Jatzeck, B.M. 19634
Robinson, A.M. *see* Shen, B. 13190
Robinson, A.M. *see* Tait, R.N. 13188
Robinson, A.M. *see* Van Petegem, W.E.A. 45325
Robinson, B.J. *see* Benjamin, S.D. 769
Robinson, B.J. *see* Qian, L. 23445
Robinson, C.J., Wurster, R.D., Walter, J.S. Testing peripheral somatosensory neuroprostheses by recording from raccoon cortex 49796
Robinson, D. *see* Beringer, J. 37394
Robinson, D. *see* Pennisi, R. 39848
Robinson, D. *see* Yue Li 59418
Robinson, D.J. *see* Sheehy, D.J. 30665
Robinson, D.T. Absolute inductive position transducer offers high-speed operation 48477
Robinson, E.A. *see* Glowacki, B.A. 58950
Robinson, F.T. *see* Gill, K.S. 19479
Robinson, F.V.P. *see* Soufian, M. 28149
Robinson, G.D. *see* Strzelecka, E.M. 44157
Robinson, G.N. *see* Freedman, A. 21255
Robinson, G.P., Tagare, H.D., Duncan, J.S., Jaffe, C.C. Medical image collection indexing: shape-based retrieval using KD-trees 15425
Robinson, G.Y. *see* Menoni, C.S. 22336
Robinson, G.Y. *see* Patel, D. 22384
Robinson, G.Y. *see* Thiagarajan, P. 55607
Robinson, H.G., Mao, D.H., Williams, B.L., Holander-Gleixner, S., Yu, J.E., Helms, C.R. Modeling ion implantation of HgCdTe 2307
Robinson, H.G. *see* Holander-Gleixner, S. 42414
Robinson, H.G. *see* Murtz, M. 48311
Robinson, I. *see* Cherkasova, L. 26144
Robinson, J. *see* Bao, K.X. 40470
Robinson, J. *see* Kleyner, A. 52151
Robinson, J.A. Efficient general-purpose image compression with binary tree predictive coding 46259
Robinson, J.M. *see* Smilowitz, L. 44636
Robinson, J.P. Golomb rectangles as folded rulers 24626
Robinson, L.A., Kibble, B.P. Measuring Planck's constant and monitoring the kilogram at NPL 17191
Robinson, M. *see* Beausang, J. 31166
Robinson, M. *see* Nozette, S. 27126
Robinson, M.G., Tombling, C. α-Si FLC novelty filter device 33154
Robinson, M.G., Tombling, C. α-Si:H-FLC; ferroelectric liquid-crystal-amorphous silicon novelty filter 33205
Robinson, N. *see* Laming, R.I. 16829
Robinson, N.P. A multimedia RF extension for law enforcement, medical, utility, educational, military uses 57993
Robinson, P. Give VXIbus ATE systems the right switches 36414
Robinson, P. A new architecture for the logic analyser 58662
Robinson, P. *see* Dietz, R. 52267
Robinson, P. *see* Dietz, R.L. 10160
Robinson, P. *see* Hild, S.G. 6608
Robinson, P.A. *see* Targ, R. 27088
Robinson, P.N. Synthetic array radar 38068
Robinson, R. *see* Randell, C. 38101
Robinson, R.A., Eyssa, Y.M., Schneider-Muntau, H.J., Boenig, H.J. A 30-T pulsed magnet suitable for neutron scattering experiments 4207
Robinson, R.B., Jr. *see* Teasley, R.W. 9966
Robinson, R.S. On-line battery testing: a reliable method for determining battery health? 51488
Robinson, R.W. *see* Molloy, M.S.O. 52501
Robinson, S. Management, applied research and the free market paradox 20736
Robinson, S.D., Anigbo, F.C.J., Shevchuk, G.J. Advanced molding technique for optical transceivers 226
Robinson, S.J. *see* Altermatt, P.P. 51559
Robinson, T., Bodruzzaman, M. Adaptive filtering using Youla parameterization and neural networks 56514
Robinson, T. *see* Kershaw, D. 56387
Robinson, T.R. *see* Milan, S.E. 45144
Robinson, W.K., Miller, R.J., Gleeson, H.F., Hird, M., Seed, A.J., Styring, P. The influence of sulfur on phenyl propiolates for ferroelectric applications 44108
Robinson, W.P. *see* Kubena, R.L. 23050
Robinson-Hahn, D. *see* Verhaege, K. 24339
Robison, P. *see* Friedland, P. 60303
Robitaille, L., Callender, C.L., Noad, J.P. Design and fabrication of low-loss polymer waveguide components for on-chip optical interconnection 13895
Robitaille, L. *see* Paterson, J. 13633
Robledo-Martinez, A. *see* Calva Chavarria, P.A. 32638
Robles, E. *see* Hadizad, P. 60863
Robles, T. *see* Quemada, J. 26337
Roblin, C. *see* Sibille, A. 45453
Roblin, M.L. *see* Lorgere, I. 3327
Roblin, O. *see* Acher, O. 3091
Roblin, P. *see* Erturk, V.B. 34206
Robmann, R., Bunke, H. An edge labeling scheme for polyhedra in incomplete range images 15717
Robnik, R. *see* Davis, J.A. 36360
Roboam, X. *see* Dagues, B. 61177
Roboam, X. *see* Lochot, Ch. 51801
Roboam, X. *see* Robyns, B. 60768
Robohm, A. *see* Adam, A. 37280
Robohm, A. *see* Berdugo, J. 37448
Robrock, R.B., II. Intelligent networking–narrowband to broadband 47313
Robson, A. Regulating pollution: ALARA, BATNEEC and beyond 10223
Robson, A. Enhancing network management with modern protection relays 38452
Robson, M.D., Constable, R.T. Three-dimensional strain-rate imaging 7985
Robson, P.N. *see* Burton, R.R. 3918
Robson, P.N. *see* Chen, Y.H. 23972
Robson, P.N. *see* Chen, Y.H. 44602
Robson, P.N. *see* Hirotani, M. 44294
Robson, P.N. *see* Plimmer, S.A. 2584
Robson, P.N. *see* Sale, T.E. 44552
Robutti, E. *see* Allspach, D.H. 37193
Robyns, B., Buyse, H. Sensitivity of the flux control to parameter uncertainties in induction motor direct FOC strategies using a simple flux estimation 60769
Robyns, B., Roboam, X. Methodology to determine the flux control sensitivity to parameter uncertainties of induction motor FOC strategies using flux observers 60768
Roca, J.L. Reliability analysis for Atucha II reactor protection system signals 9061
Roca, R. *see* Delage, D. 60053
Roca, V. *see* Campajola, L. 7751
Roca, X. *see* Vanrell, M. 46327
Roca Dorda, J. *see* Fernandez Merono, J.M. 47148
Roca i Cabarrocas, P. *see* Ebothe, J. 30895
Roca i Cabarrocas, P. *see* Landweer, G.E.N. 55761
Rocca, F. *see* Dalba, G. 7846
Rocca, F. *see* Dalba, G. 23652
Rocca, J.J. *see* Buccafusca, O. 23995
Rocca, J.J. *see* Chilla, J.L.A. 3705
Rocca, J.J. *see* Chilla, J.L.A. 23744
Rocca, J.J. *see* Klosner, M.A. 22143
Rocca, J.J. *see* Menoni, C.S. 22336
Rocca, J.J. *see* Tomasel, F.G. 44351
Roccetti, M. *see* Panzieri, F. 47335
Rocchesso, D., Smith, J.O. Circulant and elliptic feedback delay networks for artificial reverberation 25006
Rocchi, S. *see* Capineri, L. 38125
Rocci, P. *see* Read, D. 1860
Rocci, P.J. Intelligent multichip module analyzer: A modelling approach for designing reliability into multichip modules 31663
Rocco, C.M. Variability analysis of electronic systems: classical and interval methods 53393
Rocco, D.Di *see* Di Rocco, D.
Roccuzzo, M. *see* Bosco, F. 47289
Roch, M. European utilities requirements for future reactors 9077
Roch, M. *see* Garvey, T. 49193
Rocha, C.S.Da *see* Da Rocha, C.S.
Rocha Gonsalves, A.M.d'A. *see* Smith, V.C. 36962
Rochal, A. *see* Foulon, G. 33032
Rochat, E. *see* Peter, Y.-A. 44381
Roche, D., Richard, C., Eyraud, L., Audoly, C. Composite transducer for shear stress measurement 17321
Roche, D., Richard, C., Eyraud, L., Audoly, C. Piezoelectric bimorph bending sensor for shear-stress measurement in fluid flow 27477

Roche, F.M., Salager, L. CMOS inverter design–hardened to the total dose effect 22996
Roche, G. *see* Schicker, R. 18140
Roche, J.R., Yeung, R.W., Ka Pun Hau Symmetrical multilevel diversity coding 56335
Roche, P. *see* d'Ausbourg, B. 5904
Roche, P. *see* Escoubas, L. 3556
Roche, P. *see* Flament, O. 23013
Roche, P. *see* Musseau, O. 22994
Roche, Ph. *see* Markus, H.A.W. 42941
Roche, T., Adler, S., Cosway, R., Schauer, S., Liu, L. The effect of metallic contamination and surface roughness on gate oxide strength and product yield 42563
Roche, T.S., Peterson, T.W. Reducing DI water use 10231
Rochefort, A., Lussier, T., Frechette, M.F., Larocque, R.Y. Dynamic decomposition of arced SF_6 by-products on activated alumina 43466
Rocheleau, M.A. *see* Lehman, P.A. 60605
Rochelle, J.M. *see* Crutcher, R.I. 58213
Rochelle, R.W. *see* Crutcher, R.I. 58214
Rocher, A. *see* Benamara, M. 32105
Rocher, M. *see* Abida, W. 51370
Rocher, M. *see* Andrieu, C. 51227
Rochester, C. *see* Brown, M.A. 43563
Rochester, C. *see* Chen, G. 54968
Rochet, R., Leveugle, R., Saucier, G. ASYL-SdF: a synthesis tool for dependability in controllers 2746
Rochet, R. *see* Wendling, X. 31253
Rochette, P. *see* Pattey, E. 8468
Rochford, K.B., Rose, A.H., Williams, P.A., Clarke, I.G., Hale, P.D., Day, G.W. Optical retardance standard: a progress report 59064
Rochon, P., Natansohn, A. Optically inscribed surface gratings in azopolymers used in resonant structures 55264
Rochon, P. *see* Paterson, J. 13633
Rochow, R.F., Miles, B.J. Power generation considerations in a solar bimodal receiver 18740
Rocjco, S. *see* Galloway, J.H. 51900
Rock, S. *see* Conway, A. 18748
Rock, S. *see* Woodley, B. 58502
Rock, S.M. *see* Eggers, A.J., Jr. 19655
Rocke, C. *see* Rotter, M. 55339
Rocke, C. *see* Tilke, A. 54173
Rockefeller, G.D. *see* Udren, E.A. 38417
Rockefeller, G.D. *see* Udren, E.A. 38418
Rocken, C. *see* Ware, R. 47878
Rockett, A., Bodegard, M., Granath, K., Stolt, L. Na incorporation and diffusion in $CuIn_{1-x}Ga_xSe_2$ 39115
Rockett, A. *see* Hernandez, J.L. 39113
Rockett, A. *see* Kylner, A. 10830
Rockett, A. *see* Nelson, A.J. 42045
Rockett, A. *see* Park, D.-G. 42312
Rockett, A. *see* Srite, S. 12673
Rockmore, D.N. *see* Healey, D.M., Jr. 15904
Rockmore, D.N. *see* Healy, D.M., Jr. 25764
Rocks, B.F. *see* Yalcinkaya, F. 7441
Rockstad, H.K., Kenny, T.W., Kelly, P.J., Gabrielson, T.B. A microfabricated electron-tunneling accelerometer as a directional underwater acoustic sensor 18965
Rockwell, B.A. *see* Hammer, D.X. 59779
Rockwell, D. *see* Vorobieff, P. 7678
Rockwell, D.A., Mangir, M.S., Betin, A.A., Matthews, S. Turning up the power in fiber/laser systems 24058
Rockwood, A.P., Winget, J. Three-dimensional object reconstruction from two-dimensional images 35116
Roco, J.M.M. *see* Medina, A. 19575
Rocque, J.M. *see* Puisto, D.M. 32300
Rodahl, M., Kasemo, B. On the measurement of thin liquid overlayers with the quartz-crystal microbalance 13157
Rodahl, M., Kasemo, B. Frequency and dissipation-factor responses to localized liquid deposits on a QCM electrode 43580
Rodbell, K.P., Svilan, V., Gignac, L.M., Dehaven, P.W., Murphy, R.J., Licata, T.J. Film crystallographic texture and substrate surface roughness in layered aluminium metallization 42780
Rodbell, K.P. *see* Svilan, V. 43321
Rodchenkov, V.I. *see* Andreyev, N.F. 14377
Rodda, M.J., Williamson, A.G. Results of a two year radiometric measurement programme in New Zealand 34066
Rodder, M., Holag, E.Z., Nandakumar, M., Aur, S., Hu, J.C., Chen, I.-C. A sub-0.1 μm gate length CMOS technology for high performance (1.5 V) and low power (1.0 V) 43294
Rodder, M., Hwang, J.M., Chen, I.-C. Scalability of conventional and sidewall-sealed LOCOS technology for 256 Mbit DRAM array and periphery isolation 53278
Rodder, M. *see* Amerasekera, A. 43303
Rodder, M. *see* Chatterjee, A. 53282
Rodder, M. *see* Kittl, J.A. 43279
Rodeck, C.H. *see* Jing Deng 28089
Rodehorst, V. *see* Koschan, A. 5304
Rodellar, V. *see* Gomez, P. 4620
Roden, C.A., Clymer, B.D., Jagadeesh, J.M. Modeling a circuit switched fiber optic interconnection for MIMD multiprocessor system 6831
Roden, J.A., Gedney, S.D. Efficient implementation of the uniaxial-based PML media in three-dimensional nonorthogonal coordinates with the use of the FDTD technique 34149
Roden, J.A., Gedney, S.D., Paul, C.R. A rigorous analysis of twisted pair transmission lines using non-orthogonal FDTD and the PML absorbing boundary condition 47513
Rodenas, J.A., Garello, R. Detection and location of internal waves in ocean SAR images by means of wavelet decomposition analysis 18872
Rodenburg, J.M. *see* James, E.M. 41809
Roderick, N.F. *see* Bowers, R.L. 9367
Rodes, F. *see* Begueret, J.-B. 49785
Rodet, X. *see* Gribonval, R. 36354
Rodewald, W. *see* Fernengel, W. 3102
Rodewald, W. *see* Velicescu, M. 3115
Rodger, D., Leonard, P.J., Lai, H.C., Allen, N. Finite element modelling schemes for the design and analysis of electrical machines 50872
Rodger, D., Leonard, P.J., Lai, H.C., Coles, P.C. Finite element modelling of thin skin depth problems using magnetic vector potential 44950
Rodger, D. *see* Hainsworth, G. 24417
Rodger, D. *see* Lai, H.C. 50904
Rodger, D. *see* Leonard, P.J. 44949
Rodgers, B. When to automate device programming 31177
Rodgers, C. *see* Tunnicliffe, M.J. 46896
Rodgers, D.H., Alkalai, L., Beauchamp, P.M., Chen, G.-S., Crisp, P., Brown, R., Davidson, J.M., Huxtable, D., Penzo, P.A., Petrick, S.W., Soderblom, L.A., Stewart, A., Vane, G., Yelle, R.V. The Kuiper Express: a sciencecraft 59861
Rodgers, D.H. *see* Beauchamp, P.M. 36693
Rodgers, D.H. *see* Beauchamp, P.M. 59963
Rodgers, J. *see* Guo, H. 12104
Rodgers, J. *see* Shkvarunets, A. 1947
Rodgers, J.C. *see* Parulian, A. 49819
Rodgers, K. *see* O'Flaherty, M. 39828
Rodgers, P.J. *see* Ponomarev, Y.V. 22390
Rodichev, D. *see* La Jeune, P. 54076
Rodick, R. *see* Salehfar, H. 50295
Rodier, J. *see* Garvey, T. 49193
Rodier, J.C. *see* Prevost, D. 3671
Rodig, M. Decoder integrated circuit for digital versatile discs (DVDs) 11469
Rodiger, W. *see* Polley, R. 28438
Rodimov, A.P., Smirnov, N.I., Gorgadze, S.F. Noise-immune quasi-optimal algorithm for the processing of complex data 4754
Rodin, A. *see* Dement'ev, A. 33624
Rodin, J. *see* Adam, A. 37280
Rodin, S.N. *see* Parfenov, V.A. 55333
Rodin, V., Troadec, H., de Pontual, H., Benzinou, A., Tisseau, J., Le Bihan, J. Growth ring detection on fish otoliths by a graph construction 59545
Rodin, Yu.V. *see* Belousov, V.I. 17273
Rodina, A.V. *see* Malyshev, A.V. 41972
Rodina, A.V. *see* Mirlin, D.N. 12504
Rodionov, I.D. *see* Ponomarev, A.N. 3500
Rodionov, N.B. *see* Nastoyashchii, A.F. 22159
Rodionova, T.V. *see* Nakhodkin, N.G. 31786
Rodkey, D.L., Welby, S.P., Hostetler, L. Clipping Service: ATR-based SAR image compression 8660
Rodland, A.J. Image registration of naval IR images 46018
Rodman, L. *see* Bar-Itzhack, I.Y. 39968
Rodnunsky, L. *see* Braun, D. 20215
Rodricks, B. *see* Yoo, S.S. 7836
Rodrigo, C., Quentel, S., Sabater, J., Quintana, X., Oton, J.M. Flickering and stability in AFLC analog gray scale 48768
Rodrigo, H. *see* Schuette, A. 7487
Rodrigues, A. *see* Amphlett, J.C. 20001
Rodrigues, A.P.R., Petraglia, M.R., Szezupak, J. An adaptive filtering subband structure with critical sampling 4696
Rodrigues, C.V. *see* Magalhaes, A.M. 7412
Rodrigues, D., Jr. *see* Thieme, C.L.H. 55107
Rodrigues, L., Guo, K., Sargento, A., van Renesse, R., Glade, B., Verissimo, P., Birman, K. A transparent light-weight group service 5847
Rodrigues, L. *see* Verissimo, P. 47144
Rodrigues, M. *see* Touboul, P. 7591
Rodrigues, M.A.M., da Silva, E.A.B., Diniz, P.S.R. Design of wavelets for image compression satisfying perceptual criteria 25533
Rodrigues, M.G., Zimmerman, R.L. Determination of inductive shielding factors in double-layer structures 34113
Rodrigues, N.A.S. *see* Riva, R. 14495
Rodrigues, R. *see* Pinto De Sa, J. 50630
Rodrigues, V. *see* Clesca, B. 26829
Rodrigues-Herzog, R., Hecker, N.E., Hopfel, R.A., Hohenester, U., Kocevar, P. Anomalous reduction in the energy loss of electrons in p-type semiconductors 54066
Rodriguez, A. *see* Castaner, L. 36969
Rodriguez, A. *see* Gomez, F. 37446
Rodriguez, A. *see* Guillen, C. 51563
Rodriguez, A. *see* Leung, E.M.W. 60439
Rodriguez, A. *see* Martin, J.M. 17393
Rodriguez, A. *see* Perez-Rodriguez, A. 32120
Rodriguez, A.A., DeHerrera, M.F. Modeling, simulation, and graphical visualization of a twin lift helicopter system under automatic control: an educational tool 20617
Rodriguez, A.A. *see* El Adl, M.K. 39726
Rodriguez, B. *see* Girard, P. 41043
Rodriguez, C. *see* Homeyer, W.G. 18709
Rodriguez, D. *see* Teixeira, M. 31052
Rodriguez, D.E. *see* El-Dinary, A.S. 6973
Rodriguez, D.E. *see* El-Dinary, A.S. 49895
Rodriguez, D.E. *see* Moore, R.C. 49894
Rodriguez, E., Aguilar, C., Canales, F., Arau, J., Sebastian, J. A novel integrated SMPS with battery backup and power factor correction 51206
Rodriguez, E., Arau, J. Integrated power supply system with battery backup and power factor correction 19868
Rodriguez, E. *see* D'Amico, N. 36303
Rodriguez, F., Trujillo, H., Hernandez, W. A simple "bandgap"-type magnetoamplifier 21499
Rodriguez, F. *see* Trujillo, H. 32374
Rodriguez, F.D., Imes, W.G. Analysis and modeling of a two-input DC/DC converter with two controlled variables and four switched networks 20037
Rodriguez, G., Navarro, L. AlephWeb: a search engine based on the federated structure 16239
Rodriguez, G. *see* Bass, E.A. 29832
Rodriguez, G. *see* Taylor, A.J. 17837
Rodriguez, J., Wiechmann, E. High power factor rectifiers 51353
Rodriguez, J.A. *see* Ares, F. 24604
Rodriguez, J.A. *see* Ares, F. 34373
Rodriguez, J.A. *see* Castro, M.A. 50860
Rodriguez, J.L. *see* Hughes, K.L. 48711
Rodriguez, J.L. *see* Obelleiro, F. 24464
Rodriguez, J.L. *see* Obelleiro, F. 45064
Rodriguez, J.L. *see* Obelleiro, F. 45300
Rodriguez, J.R. *see* Wiechmann, E.P. 60931
Rodriguez, M., Garcia, A., Aroca, C., Sanchez, P., Lopez, E., Sanchez, M.C. Magnetic behavior of amorphous ribbons with induced helical anisotropy 3070
Rodriguez, M., Vergara, L., Morales, J. Real-time prototype for microcracks detection on ceramic materials 40708
Rodriguez, M.A., Boyle, T.J., Buchheit, C.D., Tissot, R.G., Drewien, C.A., Hernandez, B.A., Eatough, O. Phase formation and characterization of the $SrBi_2Ta_2O_9$ layered-perovskite ferroelectric 54948
Rodriguez, M.A., Vergara, L. A detection scheme for Gaussian envelope pulses over k-noise by means of the Wigner-Ville transform 34935
Rodriguez, M.A. *see* Meza-Montes, L. 22190
Rodriguez, M.A. *see* Revuelta, J. 14268
Rodriguez, M.A. *see* Warren, W.L. 44227
Rodriguez, O. *see* Tansel, I. 13184
Rodriguez, P. *see* Feced, R. 48579
Rodriguez, P. *see* Fusaro, J.M. 30211
Rodriguez, P. *see* Haas, D.G. 1433
Rodriguez, P. *see* Korneev, N. 27554
Rodriguez, P. *see* Korneev, N. 27559
Rodriguez, P. *see* Korneev, N. 27560
Rodriguez, P. *see* Korneev, N. 44764
Rodriguez, P.A.Recobos *see* Recobos Rodriguez, P.A.
Rodriguez, R., Solomin, J.E. The order of convergence of eigenfrequencies in finite element approximations of fluid-structure interaction problems 10557
Rodriguez, R. *see* Limpaecher, R. 51269
Rodriguez, R. *see* Limpaecher, R. 51270
Rodriguez, R.F. *see* Reyes, J.A. 23489
Rodriguez, R.I. *see* Fonseca, L.F. 13452
Rodriguez, T.K. *see* Isaacs, E.A. 47249
Rodriguez, W.J. *see* Barnes, N.P. 23864
Rodriguez-Andina, J.J. *see* Fernandez-Gomez, S. 11243
Rodriguez-Fernandez, L., Lennard, W.N., Xia, H., Massoumi, G.R. SPIX: a new technique for quantitative surface spectroscopy applied to S/InP(001) 2390
Rodriguez-Fernandez, L. *see* Koutzarov, I.P. 22585
Rodriguez-Fernandez, L. *see* Miranda, J. 17981
Rodriguez-Fuentes, G. *see* Delgado, A. 13204
Rodriguez-Hernandez, P., Munoz, A., Mujica, A. High pressure phases of AlSb from ab-initio theory 22247
Rodriguez-Llorente, F. *see* Edwards, C.S. 7134
Rodriguez-Llorente, F. *see* Edwards, C.S. 44535
Rodriguez-Mendez, M.L. *see* Souto, J. 36837
Rodriguez-Montanes, R., Figueras, J. I_{DDQ}-V_{DD} signature for CMOS circuits with bridging defects 2821
Rodriguez-Pereyra, V. *see* Elsherbeni, A.Z. 1685
Rodriguez-Solis, M.V. *see* Ostrovsky, A.S. 35268
Rodriguez-Vazquez, A. *see* Delgado-Restituto, M. 1634
Rodriguez-Vazquez, A. *see* Espejo, S. 1669
Rodriguez-Vazquez, A. *see* Fernandez, F.V. 11058
Rodriguez-Vazquez, A. *see* Vidal-Verdu, F. 1630
Rodriguez-Vazquez, A. *see* Wambacq, P. 11060
Rodriguez-Vera, R. Optical gauging of diffuse surfaces by electronic speckle contouring 7624
Rodriguez-Vera, R., Kaufmann, G.H., Servin, M., Moore, A.J. Unwrapping of noisy phase maps: a comparison of two methods 35237
Rodriguez-Viejo, J., Jensen, K.F., Mattoussi, H., Michel, J., Dabbousi, B.O., Bawendi, M.G. Cathodoluminescence and photoluminescence of highly luminescent CdSe/ZnS quantum-dot composites 54089

Rodriguez-Viejo, J., Stoemenos, J., Clavaguera, N., Clavaguera-Mora, M.T. Structural characterization of poly-SiC grown on SiO_2/Si by metalorganic chemical vapor deposition 12318
Rodriquez, D.E. *see* Le, B.Q. 49896
Rodwell, M. *see* Allen, S.J. 12488
Rodwell, M.J.W. *see* Agarwal, B. 53590
Rodwell, M.J.W. *see* Giboney, K.S. 58758
Rodwell, M.J.W. *see* Keay, B.J. 2200
Rodwell, M.J.W. *see* Molnar, A.C. 41466
Rodwell, M.J.W. *see* Reddy, M. 53652
Rodwell, M.J.W. *see* Zeuner, S. 54236
Rodyakin, V.E. *see* Dovbnya, A.N. 49099
Roe, C.L. *see* Hyer, S.A. 8637
Roe, M.M. *see* Hettinger, L.J. 59935
Roe, S. *see* Anghinolfi, F. 59312
Roe, S. *see* Bauer, C. 37326
Roe, S. *see* Bauer, C. 37378
Roe, S. *see* Beringer, J. 37394
Roe, S. *see* Sellin, P.J. 18095
Roe, S. *see* Weilhammer, P. 37381
Roe, S. *see* Weilhammer, P. 37429
Roe-Edwards, M.P. *see* Feced, R. 23513
Roebuck, R. *see* Min, B.Y. 52292
Roeck, A.De *see* De Roeck, A.
Roedel, R.J., Evans, D., Doak, R.B., Kawski, M., Green, M., Duerden, S., McCarter, J., Williams, P., Burrows, V. Use of the Internet to support an integrated introductory course in engineering, calculus, physics, chemistry, and English 20577
Roeder, C.D. Trace heating–a process user's perspective 20233
Roeder, E. *see* Eifler, D. 28692
Roederer, A. *see* Stirland, S. 34409
Roederer, A.G., Crone, G.A.E. Recent European antenna technology for space systems 58248
Roedern, B.Von *see* Von Roedern, B.
Roeger, C.J. *see* Kogan, V.I. 19914
Roehle, H., Schroeter-Janssen, H., Kaiser, R. Large- and selective-area LP-MOVPE growth of InGaAsP-based bulk and QW layers under nitrogen atmosphere 40332
Roehle, H. *see* Franke, D. 40333
Roehrich, B. *see* Heh, T. 48118
Roehrich, D. *see* Bieser, F. 59307
Roehrig, B. *see* Kristiansen, G. 49436
Roeintan, G.H. *see* Hariri, F. 35122
Roeksabutr, A., Chu, P.L. ZnO-coated fiber acoustooptic phase modulator 55338
Roelandt, J.R.T.C. *see* Bruining, N. 28305
Roelants, E. *see* Owen, M. 11908
Roell, K. *see* Becker, S. 43617
Roemer, M.J., Hong, C., Hester, S.H. Machine health monitoring and life management using finite element-based neural networks 29239
Roeng Sheen Shyang *see* Shyang Roeng Sheen
Roenko, N.V. *see* Kalinovskii, A.Ya. 52486
Roenko, N.V. *see* Sin'kov, M.V. 59389
Roenkov, A.D. *see* Baranov, P.G. 12276
Roeper, H. *see* Gunther, S. 41181
Roer, Th.G.van de *see* van de Roer, Th.G.
Roerich, V.C. *see* Baranov, V.Yu. 18077
Roerich, V.C. *see* Haseroth, H. 49278
Roermund, A.H.M.van *see* van Roermund, A.H.M.
Roermund, H.M.van *see* van Roermund, H.M.
Roes, H. Electronic journals: a survey of the literature and the Net 46987
Roesch, J. *see* Laue, C. 29035
Roesch, M. *see* Ehrler, S. 31612
Roesch, S., Mailly, P., Deniau, J.M., Maurin, Y. Computer assisted three-dimensional reconstruction of brain regions from serial section digitized images. Application to the organization of striatonigral relationships in the rat 28247
Roesch, W.J. Light emission as an analysis tool for GaAs ICs 54819
Roeschke, J. *see* Werner, H. 59627
Roesel, J.F., Jr., Morash, R.T. Advancement of power technology using written-pole™ motors and generators–an overview 29221
Roeser, U. *see* Adam, A. 37280
Roeske, S.B. *see* Fan, W.C. 28567
Roeske, S.B. *see* Schwank, J.R. 28553
Roesler, M.A., Hofmeister, H., Jakusch, H. Investigation of the oxide layer structure of iron pigments by high-resolution TEM 32868
Roessgen, M., Boashash, B. A comparison of two techniques for detecting seizure in newborn EEG data 28376
Roessner, J.D. *see* Porter, A.L. 115
Roettinger, H. *see* Liersch, G. 29011
Roettker, W.A. *see* Jensen, S. 28611
Roey, F.Van *see* Van Roey, F.
Rofail, S.S., Seng, Y.K. BiCMOS circuit optimisation technique linking channel width of MOS device to collector design of BJT 13152
Rofer, C. *see* Pope, P. 50226
Roff, D. *see* Bauer, C. 37378
Rofheart, M. *see* McCorkle, J. 6906
Rofougaran, A. *see* Chang, P.J. 1567
Rofougaran, A. *see* Chang, P.J. 53419
Rogalev, A. *see* Gauthier, C. 59190
Rogalev, A. *see* Goulon, J. 49357
Rogalla, H. *see* Rijnders, G.J.H.M. 40446
Rogalla, H. *see* Van den Bosch, P.J. 59456
Rogalla, H. *see* Verbist, K. 43795
Rogalla, M., Chen, J.W., Geppert, R., Kienzle, M., Irsigler, R., Ludwig, J., Runge, K., Fiederle, M., Benz, K.W., Schmid, TH., Da Via, C., Lauxtermann, S., Liu, X., Krueger, J., Weber, E.R. Characterization of semi-insulating GaAs for detector application 32358
Rogalla, M. *see* Fiederle, M. 37321
Rogali'skii, V.I. International space search-and-rescue system for ships and aircraft 48165
Rogal'siki, V.I. *see* Selivanov, A.S. 49875
Rogalski, A., Ciupa, R., Larkowski, W. Near room-temperature InAsSb photodiodes: theoretical predictions and experimental data 3607
Rogany, D., Guillot, G. Normal and anomalous behaviour of the RTS noise amplitude in forward biased InGaAs/InP photodiodes 55422
Rogatty, U., Boebel, F.G. 30% productivity increase of 16 Mb-DRAM gate-conductor etching without additional investment 32206
Rogaway, P. *see* Beaver, D. 34570
Rogaway, P. *see* Bellare, M. 34541
Rogemann, M.C. *see* Sallberg, S.A. 25263
Rogenmoser, R., Kaeslin, H., Blickle, T. Stochastic methods for transistor size optimization of CMOS VLSI circuits 11135
Roger, J.P. *see* Cella, N. 12186
Roger, L.T. Likelihood estimation of tropospheric duct parameters from horizontal propagation measurements 34056
Roger, N. *see* Ma, O. 28542
Rogers, A.J. *see* Feced, R. 48579
Rogers, A.J. *see* Parker, T.R. 48635
Rogers, A.J. *see* Parvaneh, F. 17411
Rogers, A.J. *see* Parvaneh, F. 58777
Rogers, B. Computational fluid dynamics improves fossil fuel combustor design 60534
Rogers, B.F. *see* Brown, M.A. 43563
Rogers, C. *see* Day, S. 26930
Rogers, C. *see* Lukianovich, A. 18177
Rogers, C. *see* Rahal, A. 41488
Rogers, C.A. *see* Ashour, O. 7681
Rogers, C.A. *see* Estabau, J. 7301
Rogers, C.A. *see* Giurgiutiu, V. 1012
Rogers, C.A. *see* Giurgiutiu, V. 3011
Rogers, C.A. *see* Giurgiutiu, V. 40746
Rogers, C.A. *see* Giurgiutiu, V. 51439
Rogers, C.A. *see* Giurgiutiu, V. 54998
Rogers, C.A. *see* Krishnamurthy, K. 7299
Rogers, C.A. *see* Lalande, F. 349
Rogers, C.A. *see* Lalande, F. 11002
Rogers, C.H., Sawyer, F.G. RAIDS: a new approach to near real-time image distribution 27056
Rogers, C.T. *see* Miranda, F.A. 54923
Rogers, D., Sessions, M., Dorman, C. The Scripps Institution of Oceanography Marine Observatory–towards an integrated observing facility for the coastal ocean and atmosphere 50165
Rogers, D. *see* Chatterjee, A. 2805
Rogers, D. *see* Chatterjee, A. 43299
Rogers, D. *see* Chatterjee, A. 54800
Rogers, D. *see* Hemphill, R. 58841
Rogers, D.C. *see* Cotter, D. 26442
Rogers, D.J., Maeda, Y., Krishnan, K.M. Investigations of the compositional distribution in epitaxially grown Co-Cr thin films with enhanced saturation magnetisation 23335
Rogers, D.J. *see* Maeda, Y. 32784
Rogers, D.M. *see* Thakar, G.V. 2812
Rogers, E., Galkowski, K., Owens, H., Amann, N. 2D systems theory–a common approach to problems in circuits, control and signal processing 40753
Rogers, F., van Aken, P., Cuperman, V. Time-frequency vector quantization with application to isolated world recognition 45649
Rogers, G. *see* Frair, K. 20656
Rogers, G. *see* Ralston, J.D. 33522
Rogers, G.J. *see* Xu, X. 19070
Rogers, G.M. *see* Richards, D.E. 20688
Rogers, G.W., Olson, T., Priebe, C.E., Marchette, D.J. An imposed measure approach to stochastic clutter characterization 18211
Rogers, G.W. *see* Solka, J.L. 60175
Rogers, I. *see* Vonwiller, J. 56364
Rogers, J. *see* Hudson, B. 49972
Rogers, J. *see* Sredniawski, J.J. 49353
Rogers, J.A., Jackman, R.J., Schueller, O.J.A., Whitesides, G.M. Elastomeric diffraction gratings as photothermal detectors 17384
Rogers, J.A., Jackman, R.J., Whitesides, G.M., Wagener, J.L., Vengsarkar, A.M. Using microcontact printing to generate amplitude photomasks on the surfaces of optical fibers: a method for producing in-fiber gratings 23469
Rogers, J.G., Moisan, C., Hoskinson, E.M., Andreaco, M.S., Williams, C.W., Nutt, R. A practical block detector for a depth-encoding PET camera 28162
Rogers, J.H. Remote "attended" enforcement of traffic regulations 27175
Rogers, J.H. *see* Chattipakorn, N. 59732
Rogers, J.M., Usui, M., Ideker, R.E., Smith, W.M. A graph theoretical framework for quantifying epicardial activation wavefronts during ventricular fibrillation 49683
Rogers, J.M. *see* Bayly, P.V. 37778
Rogers, J.M. *see* Bayly, P.V. 59733
Rogers, J.T., Billing, M.G., Dobbins, J.A., Dunnam, C.R., Hartill, D.L., Holmquist, T., McDaniel, B.D., Pelaia, T.A., Pisharody, M., Sikora, J.P., Strohman, C.R. Fast digital transverse feedback system for bunch train operation in CESR 49250
Rogers, J.T., Holmquist, T. Distributed ion pump related transverse instability in CESR 49237
Rogers, J.W., Jr. *see* Kidder, J.N., Jr. 21279
Rogers, K. *see* Shukla, A. 52240
Rogers, K. *see* Zylbersztejn, A. 26901
Rogers, M.C.M. *see* Leithead, W.E. 29191
Rogers, M.C.M. *see* Leithead, W.E. 29192
Rogers, S.C. *see* Gonglewski, J.D. 27649
Rogers, S.K. *see* Colombi, J.M. 15129
Rogers, S.K. *see* Whiteley, M.R. 28708
Rogers, S.K. *see* Younis, K.S. 5275
Rogers, T. *see* Mehta, J.R. 41137
Rogers, T.C. *see* Tong, J.K. 42628
Rogers, T.J. *see* Tang, O.S.A. 31530
Rogers, V. *see* Rinne, G. 22083
Rogers, W.B. *see* Liu, K. 12050
Rogers, W.B. *see* Skinner, M.I. 53846
Rogers, W.B. *see* Skinner, M.P. 302
Rogers, W.Boyd *see* Boyd Rogers, W.
Rogers, W.J.S. Impact of embedded generation on design, operation and protection of distribution networks 28972
Rogers, W.L. *see* Uritani, A. 59365
Rogers, W.L. *see* Wilderman, S.J. 59503
Roggeman, M.C., Bright, V.M., Welsh, B.M., Hick, S.R., Roberts, P.C., Cowan, W.D., Comtois, J.H. Use of micro-electro-mechanical deformable mirrors to control aberrations in optical systems: theoretical and experimental results 54853
Roggemann, M.C., Tyler, D.W. Iterative model-based image reconstruction using a constrained least squares technique 25266
Roggemann, M.C., Whiteley, M.R. Photon noise limits to the detection of closure phase for interferometric measurements of Earth-orbiting satellites 25262
Roggemann, M.C. *see* Lee, D.J. 46160
Roggemann, M.C. *see* Montera, D.A. 4985
Roggemann, M.C. *see* Whiteley, M.R. 28708
Roggen, J. *see* Beyne, E. 52261
Rogier, H., Olyslager, F., De Zutter, D. Efficient eigenmode analysis for lossy dielectric waveguides using a hybrid (frontal-FE)/BIE technique 24549
Rogina, B.M., Skala, K., Vojnovic, B. Metastability characteristics testing for programmable logic design 11434
Rogina, B.M., Vojnovic, B. Application of optical fibre sensors for radiation dosimetry 8186
Rogina, B.M. *see* Radanovic, B. *(editor)* 20418
Rogina, I. *see* Fritsch, J. 14994
Rogina, I. *see* Schultz, T. 14980
Rogina, I. *see* Waibel, A. 14945
Rogl, P., Lorenzini, L. Mobility in B-ISDN: an IN solution 26256
Rogl, P. *see* Ciancetta, C. 47283
Rogler, R.-D., Lobl, H., Schmidt, J. A diagnostic system for live electrical joints in power transmission systems 19428
Rogner, A. *see* Muller, A. 16445
Rogner, A. *see* Muller, A. 55183
Rognon, J.-P. *see* Ferrieux, J.-P. 51857
Rognon, J.P. *see* Bacha, S. 51182
Rognon, J.P. *see* Bruguier, C. 9192
Rognstad, M. Subbottom swath mapping with HAWAII MR1 49997
Rogoff, R., Davies, G., Mulkens, J., De Klerk, J., Van Oorschot, P., Kalmbach, G., Wangler, J., Rupp, W. Photolithography using the AERIAL™ illuminator in a variable NA wafer stepper 2501
Rogoushin, I., Chekster, O. The new Russian standard for telecom power supplies 51323
Rogov, A.A. *see* Lucas, K.D. 2522
Rogov, A.N. *see* Khomich, A.A. 3503
Rogov, A.N. *see* Sergienko, A.B. 25272
Rogov, M.F. *see* Afrov, A.M. 29036
Rogov, V.V., Tyun'kova, Z.V., Bashevskaya, O.S., Smychnikova, I.V. Ensuring a high degree of flatness of diamond-polished semiconductor wafers 22571
Rogovic, B. *see* Glavinic, V. 35828
Rogovin, V.I. *see* Grigoriev, Y.A. 53942
Rogovoi, M.D. *see* Koshelev, P.A. 20273
Rogovsky, I.A. *see* Akimov, D.Yu. 37245
Rogowska, J. *see* Bogorodzki, P. 28293
Rogoyski, A.M. *see* Pentecost, H.T.A. 35119
Rogoza, M. *see* Zaika, V. 20290
Rogozik, J. *see* Schulte, A. 19031
Rogren, P.E. MCM-L built on ball grid array formats 41720
Rogriguez, J.A. *see* Ares, F. 34416
Roguet, W., Martin, N., Chehikian, A. Tracking of frequency in a time-frequency representation 34959
Roguski, W. *see* Baszun, M. 13315
Roh, D.-W., Lee, H.-G., Lee, J.-J. Electron mobility characteristics of $In_xGa_{1-x}As$/InAlAs/InP high electron mobility transistor (HEMT) structures grown by molecular beam epitaxy 2719
Roh, S.D., Hughes, J.S., Lammert, R.M., Osowski, M.L., Beernink, K.J., Papen, G.C., Coleman, J.J. Asymmetric cladding InGaAs-GaAs-AlGaAs ridge waveguide distributed Bragg reflector lasers with operating wavelengths of 915-935 nm 33535
Roh, S.D. *see* Lammert, R.M. 23973
Roh, S.D. *see* Lammert, R.M. 55692
Roh, S.D. *see* Li, X. 10808
Roh, S.D. *see* Li, X. 52727
Roh, Y.R., Kim, H.B., Lee, Y.J., Lee, M.H., Kim, K.B., Kim, K.H. New type double mode SAW resonator filters on 64° Y-X $LiNbO_3$ 13381

Roh Bueong Gyu *see* Bueong Gyu Roh
Roh Chang Hyun *see* Chang Hyun Roh
Roh Tae Moon *see* Tae Moon Roh
Roh Youn-Seo *see* Youn-Seo Roh
Rohani, K. *see* Ghosh, A. 47663
Rohatgi, A., Narasimha, S., Kamra, S., Doshi, P., Khattak, C.P., Emery, K., Field, H. Record high 18.6% efficient solar cell on HEM multicrystalline material 39053
Rohatgi, A. *see* Cai, L. 10815
Rohatgi, A. *see* Doshi, P. 39196
Rohatgi, A. *see* Krygowski, T. 39089
Rohatgi, A. *see* Krygowski, T. 42386
Rohatgi, A. *see* Li Cai 29631
Rohatgi, A. *see* Narasimha, S. 39202
Rohatgi, A. *see* Ropp, M.E. 51606
Rohatgi, A. *see* Singh, R. 22493
Rohatgi, A. *see* Singh, R. 42399
Rohatgi, N. *see* Edwards, H.S. 37937
Rohde, D. *see* Braun, R.P. 26834
Rohde, M. *see* Neumann, M. 42896
Rohde, U.L. A circuit simulator for microwave and wireless applications 11068
Rohe, D. *see* Surkau, R. 37093
Rohe, R.C., Valentine, J.D. An energy-subtraction Compton scatter camera design for in vivo medical imaging of radiopharmaceuticals 28227
Roherty-Osmun, E. *see* Fleming, J.G. 42261
Rohland, B., Jantsch, U. $LiCoO_2$-cathodes with optimized microstructure. One of the keys for high performance and long life MCFC 51511
Rohlena, K. *see* Haseroth, H. 49278
Rohlena, K. *see* Mroz, W. 59182
Rohlena, K. *see* Wolowski, J. 37205
Rohlev, A. *see* Lawrence, G. 49177
Rohlev, A.S. *see* Regan, A.H. 37021
Rohlfing, E.A. *see* Williams, S. 33644
Rohling, H. *see* Muller, T. 35966
Rohling, S. *see* George, G. 61272
Rohmig, P. *see* Jenny, B. 49078
Rohn, J. Complexity of solving linear interval equations 376
Rohn, J., Rex, G. Interval P-matrices 600
Rohner-Jeanrenaud, F. *see* Koudelka-Hep, M. 27693
Rohr, C. *see* Griffin, P.R. 3601
Rohr, J. SCADA and AMR look to the skies 38294
Rohr, K. On 3D differential operators for detecting point landmarks 46440
Rohr, K., Stiehl, H.S., Sprengel, R., Beil, W., Buzug, T.M., Weese, J., Kuhn, M.H. Point-based elastic registration of medical image data using approximating thin-plate splines 15994
Rohr, K. *see* Heyden, A. 5315
Rohr, P.R. *see* Bhasavanich, D. 33878
Rohrbaugh, M. *see* Parsi, K. 3208
Rohrbaugh, R. Time-frequency analysis of a motor-generator 29202
Rohrbeck, W., Leonhardt, J.W., Laukemper, J., Neff, H., Lehmann, G., Liess, H.-D. Towed, active electromagnetic sensor array for on-line terrain mapping of metallic subsurface objects 8603
Rohrer, G.S. *see* Morris Hotsenpiller, P.A. 10775
Rohrer, L. *see* Muenzer, H. 49137
Rohrer, R.A. *see* Ciplickas, D.J. 11126
Rohrer, R.J., Nierode, C.F. Simple method for risk assessment of nuclear power plant refueling outages 29033
Rohrer, S. *see* Hentschke, S. 17315
Rohrmann, H. *see* Becker, S. 43617
Rohrmann, H. *see* Stobiecki, F. 55039
Rohrs, C.E. *see* Melsa, P.J.W. 16009
Rohrs, C.E. *see* Melsa, P.J.W. 16463
Rohwein, G.J. Corona processing of insulating oil 43558
Rohwein, G.J. *see* Roose, L.D. 60945
Rohwer, A. *see* Schuss, J.J. 34462
Rohwer, E.A. *see* Murray, I.R. 24825
Roides, R.G. *see* Kremens, R.L. 36384
Roig, G. *see* Midon, M. 6171
Roig, O. *see* Larriba-Pey, J.-L. 592
Roithner, K. *see* Muller, K.P. 21674
Roitman, D.M. *see* McElvain, J. 3630
Roitman, M., Diniz, P.S.R. Simulation of non-linear and switching elements for transient analysis based on wave digital filters 8753
Roitman, P. *see* Anc, M.J. 22457
Roitman, P. *see* Bagchi, S. 22528
Roitman, P. *see* Bagchi, S. 42295
Roitman, P. *see* Krska, J.-H.Y. 2267
Roizin, Ya.O. *see* Savin, D.P. 1977
Rojas, I., Pelayo, F.J., Ortega, J., Prieto, A. Compact CMOS fuzzy controllers using the normalised product of adaptive membership functions 31448
Rojas, J.E., Severeyn, H., Delgrado, J., Godoy, A. Fouling communities associated to artificial substrates (pine-wood) under environmental stress conditions in Lake de Maracaibo, Venezuela 50124
Rojas, R.F.C. *see* Liu, Y. 2158
Rojas, R.G. *see* Erturk, V.B. 34206
Rojas, R.G. *see* Otero, M.F. 33969
Rojat, G. *see* Joubert, Ch. 53705
Rojat, G. *see* Laboure, E. 60885
Rojat, G. *see* Pezet, F. 41549
Rojeski, R. *see* Zhong He 37333
Rojewski, W., Korejwo, E. Detailed fault diagnosis in power system substation 19927
Rojhantalab, H. *see* King, A.J. 30167
Rojo, G., Hierro, A., Diaz-Garcia, M.A., Agullo-Lopez, F., del Rey, B., Sastre, A., Torres, T. Second harmonic generation from trinitro-substituted subphthalocyanines films: evidence of noncentrosymmetric molecular organization 43891
Rojo, J.C. *see* Sochinskii, N.V. 30823
Rojo-Romeo, P. *see* Viktorovitch, P. 13018
Rokhlin, S.I., Matikas, T.E. Ultrasonic characterization of surfaces and interphases 31023
Rokhlin, S.L. *see* Huang, W. 52918
Rokhlin, V. *see* Dutt, A. 576
Rokicki, T. *see* Cherkasova, L. 26144
Rokne, J.G. *see* Qun Lin 546
Rokni, S.H., Benson, E.C., Burke, D.L., Jenkins, T.M., Liu, J.C., Nelson, G., Nelson, W.R., Smith, H.E., Tenenbaum, P., Vylet, V., Walz, D.R. Radiation protection systems for the Final Focus Test Beam at SLAC 8216
Rokos, H. Precision, low power, analogue TCXO using a single integrated circuit 31143
Rokoto, H. *see* Lisunov, K.G. 31896
Rokunohe, T. *see* Hasegawa, T. 38894
Rokunohe, T. *see* Yoshida, Y. 9429
Rokushima, K. *see* Matsumoto, K. 45117
Rolain, Y. *see* Vuerinckx, X. 15362
Roland, C.M. *see* Buckley, G.S. 43926
Roland, H. *see* Jose, E. 6207
Rolandi, P. *see* Calligaro, C. 21685
Rolandi, P. *see* Calligaro, C. 21686
Rolandi, P.L. *see* Kramer, A. 21831
Rold, M.Da *see* Da Rold, M.
Roldan, E., De Valcarcel, G.J., Vilaseca, R., Corbalan, R., Martinez, V.J., Gilmore, R. The dynamics of optically pumped molecular lasers. On its relation with the Lorenz-Haken model 44337
Roldan, E. *see* Gilmore, R. 55485
Roldan, J.B., Gamiz, F., Lopez-Villanueva, J.A., Carceller, J.E. Modeling effects of electron-velocity overshoot in a MOSFET 54655
Roldan, J.B., Gamiz, F., Lopez-Villanueva, J.A., Carceller, J.E., Cartujo, P. The dependence of the electron mobility on the longitudinal electric field in MOSFETs 43002
Roldan, J.B., Gamiz, F., Lopez-Villanueva, J.A., Cartujo, P. Electron transport properties of quantized silicon carbide inversion layers 54137
Roldan, J.B. *see* Gamiz, F. 2635
Roldan, J.M. *see* Saraf, R.F. 12021
Roldan, M.C.S.-C., Alonso-Betanzos, A., Arias-Rodriguez, J.E. Developing an electrical distribution monitoring system 28878
Roldan-Villasana, E.J., Coss y Leon, M.E.C. A generic model to solve flow and pressure hydraulic networks 50337
Roldugin, S.V. *see* Trifonov, A.P. 4434
Rolf, W. *see* Bocker, W. 37611
Rolfe, A. *see* Hell, G. 16453
Rolfe, S.J. *see* Bardwell, J.A. 12654
Rolfs, C. *see* Campajola, L. 7751
Roli, F., Serpico, S.B., Vernazza, G. A hybrid system for two-dimensional image recognition 5030
Roli, F. *see* Bruzzone, L. 56609
Roli, F. *see* Jozwik, A. 56606
Roli, F. *see* Serpico, S.B. 57070
Roliks, Yu. Optical integration to transform signals during the serviceability control at a wind power plant 38672
Rolim, J.G., Machado, L.J.B., Irving, M.R. Switching to control voltage problems–a hybrid approach 19155
Rolim, L.G.B., Hanitsch, R., Watanabe, E.H., Suemitsu, W.I. Development of a high-efficiency switched reluctance drive using soft-switching techniques 9583
Roll, C. *see* Lutton, E. 57394
Roll, K. *see* Stobiecki, F. 55039
Rolla, P.A. *see* Gallone, G. 36843
Rolland, A. *see* Bosc, D. 23545
Rolland, C. *see* Adams, D.M. 36140
Rolland, C. *see* Lawetz, C. 55299
Rolland, C. *see* Yu, J. 33129
Rolland, G. *see* Prieur, E. 12562
Rolland, P.A. *see* Dhondt, F. 54613
Rolland, R. *see* Durufle, F. 58024
Rolland, S. *see* Granger, R. 48507
Rollandi, L. *see* Parmigiani, F. 2961
Rollet, J.-N. Protocol testing for ISDN services 47237
Rollett, D.A., Drake, A.E., Ager, C.I. Investigation into the use of half and quarter-scale NPL permeameters 27854
Rollett, D.A. *see* Drake, A.E. 27855
Rolling, T.G., Ishii, T.K. Comparative propagation study of pulse-modulated microwaves 11643
Rollinger, H. *see* Berndt, D. 19136
Rollins, J.G., Scrobohaci, P.G., Durbeck, D. LIQUID a complete simulation system for AMLCDs 48789
Rollman, T.E. *see* Wallace, A.K. 149
Rolls, A.M., Kempton, E.A.J., Brooke, S.R. "One per customer" radio systems 47892
Rol'nik, I.A. *see* Grekhov, I.V. 13946
Rolstadas, A. Project management techniques applied to industrial manufacturing 20808
Rolston, D.R., Plant, D.V., Hinton, H.S., Hsiao, W.S., Ayliffe, M.H., Kabal, D.N., Szymanski, T.H., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Tseng, B., Hui, S.P., Cunningham, J.C., Jan, W.Y. Design and testing of a smart pixel array for a four-stage optical backplane demonstrator 33325
Rolston, D.R., Plant, D.V., Szymanski, T.H., Hinton, H.S., Hsiao, W.S., Ayliffe, M.H., Kabal, D., Venditti, M.B., Desai, P., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Tseng, B., Hui, S.P., Cunningham, J.E., Jan, W.Y. A hybrid-SEED smart pixel array for a four-stage intelligent optical backplane demonstrator 3662
Rolston, D.R. *see* Devenport, K.E. 33326
Rolston, D.R. *see* Kabal, D.N. 33332
Rolston, D.R. *see* Plant, D.V. 55473
Rolston, S.L. *see* Ekstrom, C.R. 48317
Rolston, S.L. *see* Phillips, W.D. 48290
Rom, R. *see* Cidon, I. 46709
Rom, R. *see* Orda, A. 26175
Roma, M. *see* D'Amico, N. 36303
Roma, M. *see* Lucidi, S. 30537
Romadov, V.N. *see* Adamovskii, L.A. 59084
Romagnoli, F. *see* Vespasiani, G. 18180
Romagnoli, J.A. *see* Talaie, A. 36477
Romagnoli, J.A. *see* Talaie, A. 36521
Romagnoli, J.A. *see* Talaie, A. 48701
Romagnoli, M. *see* Franco, P. 33688
Romagnoli, M. *see* Midrio, M. 16753
Romaine, S.E., Bruni, R.J., Clark, A.M., Podgorski, W.A., Schultz, D., Schwartz, D.A., Van Speybroeck, L., Zhou, Y., Hahn, R.E., Johnston, G.T., Longmire, A.J., Humphreys, J.T., Shapiro, A.P., Tjulander, R., Barinek, E. Monitoring program for the coating of the AXAF flight optics 28538
Roman, C. *see* Bodea, O. 48741
Roman, F., Bogdana, M. Using active mediums for measuring transformations of the electromagnetic oscillation 44896
Roman, J. *see* MacDonald, D. 8658
Roman, J.E. *see* Camy, P. 26837
Roman, J.E. *see* Gnewuch, H. 44023
Roman, J.E. *see* Vienne, G.G. 13567
Roman, J.F., Frankel, M.Y., Matthews, P.J., Esman, R.D. Time-steered array with a chirped grating beamformer 56190
Roman, J.R., Davis, D.W., Michels, J.H., Davila-Roman, V.G. Model-based multichannel diagnosis of cardiac conduction abnormalities 49618
Roman, M. *see* Egeberg, C. 57959
Roman, P., Kashkoush, I., Novak, R., Kamieniecki, E., Ruzyllo, J. Monitoring of Fe contamination on Si surfaces using non-contact Surface Charge Profiler 42566
Roman, P. *see* Ruzyllo, J. 42530
Roman, Z. Calibration of AC amplifiers 27293
Roman Kiyan, Seung Kwan Kim, Byoung Yoon Kim Bidirectional single-mode Er-doped fiber-ring laser 14005
Roman-Flores, H., Bassanezi, R.C. On multivalued fuzzy entropies 40041
Roman-Roldan, R. *see* Garcia-Cabrera, L. 1612
Romanato, F. *see* Mazzer, M. 40479
Romancev, Y.V. *see* Koshovy, V.V. 48206
Romand, M. *see* Tomas, C. 53895
Romanelli, C. *see* Narducci, D. 58894
Romanenko, M.V. Evaluation of the radiation integral for large parabolic and nonparabolic reflector antennas 4373
Romanets, R.G., Bolshakov, V.I., Dikarev, B.N., Karasev, G.G. Electrophysical characteristics and testing of dielectric liquids 23099
Romanets, R.G. *see* Karasev, G.G. 43432
Romani, B. *see* Tiberio, R. 33976
Romani, B. *see* Toccafondi, A. 56178
Romani, F. *see* Favati, P. 30551
Romani, G.L. *see* Pasquarelli, A. 8007
Romanishin, I.M. *see* Koshovy, V.V. 48206
Romankiw, L.T. Evolution of the plating through lithographic mask technology 42804
Romankiw, L.T. *see* Acosta, R.E. 38760
Romankiw, L.T. *see* Chainer, T.J. 38759
Romankiw, L.T. *see* Chang, J.-W. 32795
Romankiw, L.T. *see* Krongelb, S. 33911
Romankiw, L.T. *see* Lin, K. 30848
Romankiw, L.T. *see* Lin, K. 32854
Romankiw, L.T., Herman, D.A., Jr. *(editors)* Proceedings of the Fourth International Symposium on Magnetic Materials, Processes, and Devices. Applications to Storage and Microelectromechanical Systems (MEMS) 39526
Romano, G., Sampietro, M. CMOS-circuit degradation analysis using optical measurement of the substrate current 54802
Romano, J.M.T. *see* Resende, L.S. 15409
Romano, L.T., Krusor, B.S., Singh, R., Moustakas, T.D. Structure of GaN films grown by molecular beam epitaxy on (0001) sapphire 52726
Romano, L.T. *see* Molnar, R.J. 21281
Romano, L.T. *see* Singh, R. 40386
Romano, M. *see* Campajola, L. 7751
Romano, P. *see* Cucolo, A.M. 43831
Romano-Rodriguez, A. *see* Perez-Rodriguez, A. 31936
Romano-Rodriguez, A. *see* Perez-Rodriguez, A. 32120
Romano-Rodriguez, A. *see* Serre, C. 12688
Romano-Rodriguez, A. *see* Perez-Rodriguez, A. 2081
Romanov, D.A. *see* Kalameitsev, A.V. 54240
Romanov, D.A. *see* Magarill, L.I. 12424
Romanov, E.B. *see* Tkantchenko, P.A. 58549
Romanov, L.V. *see* Aulchenko, V.M. 37214

Romanov, L.V. *see* Aulchenko, V.M. 37243
Romanov, L.V. *see* Aulchenko, V.M. 37247
Romanov, M.L. *see* Chugunov, A.A. 52910
Romanov, N.G. *see* Baranov, P.G. 42116
Romanov, O.G. *see* Grishin, E.A. 27588
Romanov, O.G. *see* Karpuk, S.M. 24296
Romanov, P.M. *see* Dlugosel'skii, V.I. 29082
Romanov, S.G., Fokin, A.V., Maude, D.K., Portal, C. Magnetoresistance size effects in a three-dimensional lattice of InSb quantum dots 12377
Romanov, S.G. *see* Yates, H.M. 40653
Romanov, V.I. *see* Zakrevsky, A.D. 45698
Romanov, Yu.A., Demidov, E.V. Nonlinear conductivity and current-voltage characteristics of two-dimensional semiconductor superlattices 54175
Romanova, E.A. *see* Melnikov, L.A. 43965
Romanova, G.F. *see* Gorban, A.P. 42330
Romanova, L.I. *see* Bocharova, I.A. 22320
Romanova, Yu.Yu. *see* Belyantsev, A.M. 42085
Romanovskaja, E. *see* Gubler, G. 27422
Romanovskii, V.R. Nonisothermal conditions for limitation of the current injected into a composite superconductor exposed to pulsed perturbations 55073
Romanovskii, V.R. *see* Makarov, K.A. 13515
Romanovsky, A. *see* Brinkman, M.J. 13690
Romanovsky, V.A. *see* Lloyd, N.G. 10503
Romanowich, N.L. A practical perspective on cellular digital packet data (CDPD) systems 47600
Romanowicz, B. *see* Luginbuhl, P. 13163
Romanowicz, J. *see* Mundschau, M. 55026
Romanowski, A. *see* Kirk, H.R. 11777
Romanowski, A. *see* Raebiger, J. 1976
Romanowski, B.J. *see* Ladd, M.E. 7995
Romanus, E., Harnisch, T., Uhlmann, F.H., Meyer, H.-G. Yield optimization of a RSFQ voltage doubler 48282
Romanyuk, A.S. *see* Dmitrenko, V.V. 59282
Romanyuk, B. *see* Litovchenko, V. 42299
Romanyuk, B.N., Popov, V.G., Andriyevsky, V.V., Evtukh, A.A., Gerasym, V.V., Moskal, D.N. Stimulated generation of thermodonor centres in silicon implanted by carbon 2328
Romanyuk, R.R. *see* Dutsyak, I.S. 54108
Romashev, L.N. *see* Ustinov, V.V. 23350
Romashko, L.N. *see* Vasilyev, V.V. 36550
Romashko, R. *see* Kulchin, Yu. 50005
Romashko, R.V. *see* Kulchin, Y.N. 48586
Romashkova, O.N. *see* Gorelov, G.V. 4599
Romat, H. *see* Artana, G. 23230
Romat, H. *see* Moreau, O. 29372
Romberg, D., Langel, J., Theres, H., Kohlstrung, P., Bethge, K., Stangl, K., Baumann, G. Correlations between SAECG and HRV parameters in individual patients after myocardial infarction 37822
Romdhane, M.S.B., Madisetti, V.K. Rapid prototyping of DSP chip-sets via functional reuse 11493
Romdhane, Y.Ben *see* Ben Romdhane, Y.
Romeas, P. *see* Skowronek, M. 22140
Romeiser, R. Quantitative analysis of radar signatures of underwater bottom topography according to a Bragg-based composite surface model 18772
Romeny, B.M.Ter Haar *see* Ter Haar Romeny, B.M.
Romeo, K. *see* Olivier, C. 5605
Romero, A.M. *see* Saez-Vergara, J.C. 8199
Romero, B. *see* Weisser, S. 23957
Romero, D.B., Schaer, M., Leclerc, M., Ades, D., Siove, A., Zuppiroli, L. The role of carbazole in organic light-emitting devices 3643
Romero, E.A. *see* Anoardo, E. 17233
Romero, G.L. *see* Fusaro, J.M. 10114
Romero, G.L. *see* Fusaro, J.M. 30211
Romero, H.A. *see* Reece, W.J. 35682
Romero, J.A. *see* Vianco, P.T. 54911
Romero, J.R., Chipara, M.D., Mihai, V., Chipara, M.I. Degradation processes in polyvinylchloride 43544
Romero, J.Reyes *see* Reyes Romero, J.
Romero, J.T.Alvarez *see* Alvarez Romero, J.T.
Romero, L. *see* Adam, A. 37280
Romero, M.A., Martinez, M.A.G., Herczfeld, P.R. An analytical model for the photodetection mechanisms in high-electron mobility transistors 21907
Romero, M.J., Araujo, D., Garcia, R. SCH laser recombination rate from EBIC profiles 31996
Romero, P., Puerta, J. Diagnostic of water trees using DC and AC voltages 8904
Romero, R. *see* Carlson, D.E. 39124
Romero, R. *see* Gallego, R.A. 50471
Romero, R.J. *see* Quagliano, J.R. 60087
Romeu, J. *see* Blanch, S. 34378
Romeu, J. *see* Camps, A. 60014
Romeu, J. *see* Puente, C. 4406
Romeu, J. *see* Puente, C. 14715
Romich, P. The information-gathering process for the wired engineer 30128
Romig, T., McManus, J., Olander, K., Kirk, R. Advances in ion implanter productivity and safety 12686
Romijn, J. *see* Voorma, H.-J. 42852
Romine, C. *see* Barrett, R. 585
Romisch, W., Schultz, R. Decomposition of a multistage stochastic program for power dispatch 8809
Romito, G. *see* Bucci, O.M. 14713
Romito, G. *see* Bucci, O.M. 34399
Romm, C.T., Pliskin, N., Rifkin, W.D. Diffusion of e-mail: an organisational learning perspective 26075
Romm, C.T. *see* Pliskin, N. 46988
Rommel, J.M., Gavrilovic, P., Dabkowski, F.P. Photoluminescence measurement of the facet temperature of 1 W gain-guided AlGaAs/GaAs laser diodes 3853
Rommel, S.L. *see* Xiaoping Shao 12545
Romney, T., Todd, R.H. Development of an automated via inspection station 22046
Romoli, M. *see* Campajola, L. 7751
Romolini, A. *see* Falciai, R. 24175
Romotchkin, Yu.P. *see* Chaly, A.M. 28953
Rompaey, K.Van *see* Van Rompaey, K.
Rompay, P.A.Van *see* Van Rompay, P.A.
Romrell, D.A. *see* Tso, M.M. 47784
Romrell, G., Johnson, G., Brown, R., Kaufmann, D. DGPS category IIIb feasibility demonstration landing system with flight test results 18746
Romstad, F.P., Veje, E. Experimental determination of the electrical band-gap energy of porous silicon and the band offsets at the porous silicon/crystalline silicon heterojunction 42090
Ron, A., Xingping Sun Strictly positive definite functions on spheres in Euclidean spaces 10428
Ron, A. *see* Ashkinadze, B.M. 2176
Ron, A. *see* Harel, R. 12402
Ron, A. *see* Manassen, A. 2209
Ron, D. *see* Kremer, I. 35500
Ron, S. *see* Raifel, M. 37807
Ron-Yi Liu *see* Chung-Yu Wu 1665
Ronald, S., Asenstorfer, J., Vincent, M. Genetic algorithm test functions. Designing a multimodal landscape in the permutation domain 10359
Roncarolo, G. *see* Ajmone, M. 16109
Roncella, R. *see* Mariani, R. 53229
Ronchetti, L., Cipriani, L., Salsano, S. A network architecture for multimedia multiparty services and the impact on B-ISDN control evolution 47230
Ronchi, C. *see* Capone, F. 19485
Ronchini, M.C. *see* Gaiani, E. 26544
Ronchini, M.C. *see* Gaiani, E. 47807
Roncin, S. *see* Ruby, D.S. 39023
Roncken, M. Asynchronous design: working the fast lane 31244
Roncken, M., Aarts, E., Verhaegh, W. Optimal scan for pipelined testing: an asynchronous foundation 40986
Roncken, M., Bruls, E. Test quality of asynchronous circuits: a defect-oriented evaluation 41039
Ronconi, F. *see* Fiorani, D. 3064
Rondeau, J.-P., Hosoda, N., Suga, T., Suzuki, M., Shibata, J. Surface activated bonding of Sn and Sn-based solders at room temperature 12027
Rondeau, L. *see* Honig, J. 46509
Rondeaux, F. *see* Alexeev, G. 59200
Rondel, N., Burel, G. Vision guided servoing using neural networks 58836
Rondeshagen, D. *see* Annis, P. 59237
Rondot, P. *see* Faucher, D. 28868
Ronen, O., Ostendorf, M. A dependence tree model of phone correlation 15003
Ronfard-Haret, J.C. *see* Bachir, S. 33248
Rong, A. *see* Wong, A.K.C. 58831
Rong, L., Wong, A.K.C. Attributed hypergraph representations for dynamic vision 25348
Rong Ding, Lenan Wu Composite source model of DPCM coders 14802
Rong Fan *see* Shuqun Shen 44816
Rong Gang *see* Mao Zepu 59254
Rong Gang *see* Gang Rong
Rong Hwang Jiunn *see* Jiunn Rong Hwang
Rong Lang *see* Lang Rong
Rong Lin Shift switching and novel arithmetic schemes 1317
Rong Lin Jong *see* Jong Rong Lin
Rong Liu *see* Liu Rong
Rong Luo *see* Luo Rong
Rong Mingzhe *see* Mingzhe Rong
Rong Ruowen *see* Ruowen Rong
Rong Wang *see* Jianping Fan 5506
Rong Zhang *see* Shulin Gu 10851
Rong Zhang *see* Zhang Rong
Rong-Ceng Leou, Chan-Nan Lu Possibility analysis of distribution system states 28884
Rong-Chin Lo, Wen-Hsiang Tsai Perspective-transformation-invariant generalized Hough transform for perspective planar shape detection and matching 56911
Rong-Chuan Fang *see* Fang Rong-Chuan
Rong-Chun Fang *see* Fang Rong-Chun
Rong-Chung Chen, Pao-Ta Yu A fast filtering algorithm for fuzzy stack filters 15980
Rong-Chung Chen, Pao-Ta Yu On the optimal design of rational rank selection filters for image restoration 56931
Rong-Fong Fung, Faa-Jeng Lin, Ken-Wang Chen Application of two-phase VSC with integral compensation in speed control of a PM synchronous servomotor 29259
Rong-Fung Huang, Horn-Jiunn Sheen The flow and thermal structures of a turbulent combusting jet in cross-flow 7676
Rong-Guang Yang *see* Yang Rong-Guang
Rong-Heng Yuang, Jia-Lin Shieh, Jen-Inn Chyi, Jyh-Shin Chen Overall performance improvement in GaAs MSM photodetectors by using recessed-cathode structure 27574
Rong-Heng Yuang *see* Jen-Inn Chyi 7323
Rong-Jian Chen, Bin-Chang Chieu Adaptive fractal image coding in subband domain 15462
Rong-Jian Chen, Bin-Chang Chieu Multiresolutional image representation and coding using morphological pyramids 15979
Rong-Pyng Yang *see* Tzu-Feng Tseng 23161
Rong-Seng Chang *see* Yeu-Jent Hu 57153
Rong-Yuh Shieh *see* Jing-Shan Do 48706
Rongchang Yan *see* Yan Rongchang
Rongchuan Fang *see* Jingbiao Cui 887
Rongchuan Fang *see* Jingbiao Cui 30931
Rongchuan Zheng *see* Zheng Rongchuan
Rongchun Zhao *see* Zhao Rongchun
Rongen, R.T.H., Leys, M.R., Van Hall, P.J., Vonk, H., Wolter, J.H. Heterogeneous hydride pyrolysis in a chemical beam epitaxy cracker cell and growth of high quality InP 40431
Rongen, R.T.H. *see* Verschuren, C.A. 52647
Rongen, R.T.H. *see* Vreeburg, C.G.M. 44024
Rongfang Hu *see* Hu Rongfang
Ronghan Wu *see* Zhong Pan 55611
Ronghong Jin, Yuanheng Qiu Full-wave analysis for antennas with mixture structure of planar elements and waveguides 34209
Ronghua Wang *see* Shulin Gu 10851
Ronghua Wang *see* Wang Ronghua
Rongjian Xue *see* Biying Huang 9520
Rongjian Xue *see* Biying Huang 9526
Rongjian Xue *see* Xue Rongjian
Rongli Geng *see* Geng Rongli
Ronglin Li *see* Li Ronglin
Rongnong Zhou, Haimbodi, M., Everhart, D., Josse, F. Polymer-coated QCR sensors for the detection of organic solvents in water 27485
Rongnong Zhou *see* Josse, F. 36764
Rongqiang Cui *see* Cui Rongqiang
Rongqing Wang *see* Wang Rongqing
Rongqing Xu *see* Xu Rongqing
Rongqing Yi *see* Yi Rongqing
Rongrui Xiao, Chandrasekar, V. Development of a neural network based algorithm for rainfall estimation from radar observations 28632
Rongsheng Xie *see* Xie Rongsheng
Rongzhang Cao *see* Cao Rongzhang
Roning, J., Kontinen, J. Measurement of the area of involvement in skin disease 37590
Ronkainen, H., Kattelus, H., Tarvainen, E., Ruhisaari, T., Andersson, M., Kuivalainen, P. IC compatible planar inductors on silicon 53713
Ronkainen, H. *see* Tarvainen, E. 54826
Ronkainen, P. *see* Hatonen, K. 35631
Ronkel, F. *see* Schoning, M.J. 13180
Ronkowski, M., Szczesny, R. Circuit-oriented models of AC machines for converter-machine systems simulation 60643
Ronnang, B.O. *see* Jaldehag, R.T.K. 8351
Ronnberg, J. *see* Tillberg, I. 28436
Ronnekleiv, E. Sagnac sensor for location of a disturbance 58812
Ronning, C. *see* Hofsass, H. 32156
Ronnqvist, C., Pedersen, F., Fransson, K., Gustafsson, L., Kullander, S., Kjensmo, A., Nygard, E., Kjensmo, A., Ellingsberg, K., Weilhammer, P. A 64-channel pixel readout chip for dynamic X-ray imaging 59367
Ronnqvist, M. *see* Broad, K. 151
Ronot-Limousin, I., Garcia, A., Fouassier, C., Barthou, C., Benalloul, P., Benoit, J. Cerium concentration and temperature dependence of the luminescence of $SrGa_2S_4$:Ce,Na, a blue-emitting material for electroluminescent and high current density cathodoluminescent displays 44229
Ronot-Trioli, C., Trouillet, A., Veillas, C., Gagnaire, H. Monochromatic excitation of surface plasmon resonance in an optical-fibre refractive-index sensor 17414
Ronot-Trioli, C. *see* Abdelghani, A. 27606
Ronse, K., Op de Beeck, M., Yen, A., Kim, K.-H., van den Hove, L. Characterisation and optimisation of CD control for 0.25 μm CMOS applications 2790
Ronse, K. *see* Goethals, A.M. 2523
Ronse, K. *see* Kee-Ho Kim 2496
Ronse, K. *see* Kim, K.-H. 2549
Ronse, K. *see* Op de Beeck, M. 2531
Ronse, K. *see* Yen, A. 22738
Ronsin, J. *see* Li, W. 60016
Ronyai, L., Szanto, A. Prime-field-complete functions and factoring polynomials over finite fields 30417
Ronzello, J. *see* Homma, H. 8933
Roo, R.D.De *see* De Roo, R.D.
Rooein, M. *see* Chinn, J.D. 54486
Rooij, M.A.de *see* de Rooij, M.A.
Rooij, N.-F.de *see* de Rooij, N.-F.
Rooij, N.F.de *see* de Rooij, N.F.
Rooij, P.de *see* de Rooij, P.
Rooji, N.F.de *see* de Rooji, N.F.
Rooke, S.P. *see* Elissa, M.G. 621
Rooke, S.P. *see* Mawasha, P. 9735
Rooks, B.W. Vision helping the automotive industry to better customer choice 57393
Rooks, M.J. *see* Albert, J. 13568
Rooks, M.J. *see* Qing Hu 13050
Rooks, M.J. *see* Tanenbaum, D.M. 22701
Rooks, S., Benhabib, B., Smith, K.C. Development of an inspection process for ball-grid-array technology using scanned-beam X-ray laminography 39883
Rooney, B.D. *see* Taulbee, T.D. 59272
Rooney, D.T., Dixon, J.B., Schurr, K.G., Northrup, M.R. Evaluation of wire bond quality by SEM

analysis of ball-shape and visual inspection of intermetallic formation 53835
Rooney, M. Assuring quality in higher education 9845
Roop, P.S. *see* Mitra, R.S. 31204
Roorda, P. *see* McFarlane, J. 16674
Roos, D., Seegenschmied, M.H., Klautke, G., Erb, J., Sorbe, B. A new microwave applicator with integrated cooling system for intracavitary hyperthermia of vaginal carcinoma 18512
Roos, H.-G., Stynes, M. Necessary conditions for uniform convergence of finite difference schemes for convection-diffusion problems with exponential and parabolic layers 614
Roos, J. *see* de Jager, N. 47469
Roos, J. *see* Gronenschild, E. 37650
Roos, J. *see* Steenekamp, P. 35623
Roos, J.C. *see* van Dieren, E.B. 37916
Roos, J.M.A. *see* Muijtjens, A.M.M. 18320
Roos, L. *see* Becks, K.H. 59228
Roos, P.A., Stephens, M., Wieman, C.E. Laser vibrometer based on optical feedback-induced frequency modulation of a single-mode laser diode 14499
Roos, S.D. *see* Odendaal, W.G. 38773
Roose, D. *see* Malfait, M. 46254
Roose, D. *see* Meerbergen, K. 30604
Roose, L.D., Rohwein, G.J. Early-time turn-on characteristics of a high current thyristor 60945
Roosen, G. *see* Delaye, P. 18952
Roosen, G. *see* Delaye, P. 22222
Roosen, G. *see* Frauel, Y. 23618
Roosendaal, K. VXI based solutions for flight controls test and simulation 37948
Roosmalen, J.A.M.van *see* van Roosmalen, J.A.M.
Roosmalen, P.M.B.van *see* van Roosmalen, P.M.B.
Roosta, G.R. *see* Kaveh, A. 10570
Roosta, R. *see* Sullivan, J.L. 1620
Roosta, R. *see* Sullivan, J.L. 1621
Roosta, R. *see* Sullivan, J.L. 4868
Roosta, R. *see* Sullivan, J.L. 4892
Root, L. *see* Bricault, P.G. 49093
Root, L. *see* Koscielniak, S. 49094
Root, N.I. *see* Aulchenko, V.M. 37214
Root, N.I. *see* Aulchenko, V.M. 37247
Root, S.D., Torres, E.J. Advanced methods for single failure analysis [nuclear plants] 38577
Rooyackers, R. *see* Badenes, G. 54423
Rooyen, P.Van *see* Van Rooyen, P.
Roozeboom, F., Ruigrok, J.J.M., Klaassens, W., Kegel, H., Falter, M., Walk, H. Rapid thermal magnetic annealing: a novel technique in thin-film recording head production? 23370
Roozeboom, F. *see* Van De Riet, E. 32786
Roozeboom, F. *see* van de Riet, E. 43626
Roozeboom, F. *see* Gelpey, J.C. *(editor)* 9840
Ropa, P. *see* Enrici, F. 32624
Ropars, F. *see* Sharaiha, A. 16696
Ropelewski, L. *see* Bouclier, R. 37262
Ropelewski-Temmel, T. *see* Bouclier, R. 37262
Ropella, K.M. *see* Chieh-Yi Tang 49640
Ropella, K.M. *see* Sadek, L.E. 59655
Ropella, K.M. *see* Shahane, S.D. 49614
Roper, G. *see* Boger, D. 11878
Roper, M. *see* Kreyss, J. 57335
Roper, P. *see* Burghartz, J.N. 41518
Roper, P. *see* Wong, H.-S. 2646
Roper, S.N. *see* Casdagli, M.C. 37832
Roper, S.N. *see* Casdagli, M.C. 59641
Ropert, A. *see* Farvacque, L. 18005
Ropert, A. *see* Tanaka, H. 17907
Ropert, M., Moreau de Saint-Martin, F., Pele, D. A new representation of weighted order statistic filters 15163
Ropp, M.E., Begovic, M., Rohatgi, A., Long, R. Design considerations for large roof-integrated photovoltaic arrays 51606
Roquemore, A.L. *see* Krasilnikov, A.V. 37524
Roquemore, W.M. *see* Grisch, F. 3975
Rorarius, M. *see* Hartikainen, K. 59620
Rorhschild, M., Burns, A.J.A., Cann, S.G., Forte, A.R., Keast, C.L., Kunz, R.R., Palmateer, S.C., Sedlacek, J.H.C., Uttaro, R., Grenville, A., Corliss, D. How practical is 193 nm lithography? 22735
Rorsman, N. *see* Wang, S.M. 52729
Rorsman, N. *see* Wang, S.M. 54690
Ros, E. *see* Anguita, M. 31441
Ros, J.M.Gomez *see* Gomez Ros, J.M.
Rosa, A.C., Allen, L.J. Fuzzy classification of microstructural dynamics of human sleep 28347
Rosa, A.C. *see* Martins, N. 28346
Rosa, A.De *see* De Rosa, A.
Rosa, A.H.La *see* La Rosa, A.H.
Rosa, A.J. *see* DeLyser, R.R. 20551
Rosa, C. *see* Di Concetto, M. 58000
Rosa, C.La *see* La Rosa, C.
Rosa, E., Jr., Hayes, S., Grebogi, C. Noise filtering in communication with chaos 34797
Rosa, E.De La *see* De La Rosa, E.
Rosa, G.La *see* La Rosa, G.
Rosa, J.De La *see* De La Rosa, J.
Rosa, P.Di *see* Di Rosa, P.
Rosado, A., Bataller, M., Guerrero, J., Frances, J.V. Designing with FPGA and semi-custom circuits 1229
Rosado, A., Bataller, M., Guerrero, J.F., Frances, J.V., Magdalena, J.R., Munoz, J. The new XACT 6.0 development system from Xilinx: an approximation to the environment 21432
Rosado, A. *see* Bataller, M. 11303
Rosado, A. *see* Feleppa, E.J. 18353
Rosala, F., Meyer, M., Bes de Berc, J.-S., Roussel, A., Beriot, E. Low cost mirror substrates; manufacturing process evolution 3322
Rosales, J., Canales, F.V., Arau, J. Power factor correction in three phase rectifiers 19857
Rosales, M.A.A. *see* Messina, A.R. 28784
Rosandich, R.G. Avoid instrumentation problems by properly installing low-voltage wiring 31555
Rosandich, R.G. What you need to know about operational amplifiers 40923
Rosano, F.L., Valverde, N.K., De La Paz Alva, C., Zavala, J.A. Tutorial expert system for the design of energy cogeneration plants 50766
Rosanov, N.N., Fedorov, A.V., Fedorov, S.V., Khodova, G.V. New types of laser autosolitons 14259
Rosanov, N.N. *see* Westerov, L.A. 33625
Rosanov, V.B. *see* Bugrov, A.E. 55760
Rosario, L., Rahman, M.M. Analysis of radial fin assembly heat transfer with dehumidification 29886
Rosario, M.Joao *see* Joao Rosario, M.
Rosati, M. *see* Barette, J. 59207
Rosati, P.A. Comparisons of learning preferences in an engineering program 20711
Rosati, R. *see* Pistoia, G. 9517
Rosato, J.J. *see* Hall, R.M. 12791
Rosatti, R. *see* Antos, J. 37373
Rosaz, M. *see* Verger, L. 31817
Rosborough, J. *see* De Ramirez, L.M. 20487
Rosche, J., Rub, K., Niemann-Delius, B., Mauch, E., Kornhuber, H.H. Effects of physiotherapy on F-wave-amplitudes in spasticity 49583
Roscher, B. *see* Nandi, A.K. 52921
Roschier, M. *see* Hallikainen, M. 18877
Roschke, J., Mann, K. No short-term effects of digital mobile radio telephone on the awake human electroencephalogram 59837
Roschmann, I. *see* Novak, E. 10497
Roscoe, D. *see* Cuhaci, M. 14707
Roscoe, D. *see* Ittipiboon, A. 34344
Roscoe, D.J., Carrie, J., Cuhaci, M., Ittipiboon, A., Shafai, L., Sebak, A. A 30 GHz transmit array for portable communications terminals 34410
Roscoe, D.J. *see* Carrie, J. 35944
Roscoe, D.J. *see* Petosa, A. 4378
Rose, A.H. Devitrification in annealed optical fiber 55225
Rose, A.H., Etzel, S.M., Wang, C.M. Verdet constant dispersion in annealed optical fiber current sensors 58819
Rose, A.H., Ren, Z.B., Day, G.W. Twisting and annealing optical fiber for current sensors 7382
Rose, A.H. *see* Rochford, K.B. 59064
Rose, B., Imam, H., Hanson, S.G., Yura, H.T. Effects of target structure on the performance of laser time-of-flight velocimeter systems 36919
Rose, B., Jackson, E., Kushner, L. An MCXO for a man-portable satellite terminal 16652
Rose, B.E., Phillips, H. Development status of the microcomputer compensated crystal oscillator 21530
Rose, B.E. *see* Jackson, E. 13359
Rose, C. A greedy method of state-based registration 6567
Rose, C., Vass, G., Kopp, J. Magmeter measurement of very low liquid flows 36473
Rose, C., Yates, R. Location uncertainty in mobile networks: a theoretical framework 35762
Rose, C. *see* Saraydar, C.U. 47825
Rose, C. *see* Yates, R. 6636
Rose, C. *see* Yener, A. 36005
Rose, C. *see* Yener, A. 36037
Rose', C.P. Conversation acts, interactional structure, and conversational outcomes 24803
Rose, D. *see* Albin, D. 40548
Rose, D. *see* Rice, J.M. 30246
Rose, D.H., Levi, D.H., Matson, R.J., Albin, D.S., Dhere, R.G., Sheldon, P. The role of oxygen in CdS/CdTe solar cells deposited by close-spaced sublimation 39060
Rose, E.de la *see* de la Rose, E.
Rose, G. The PGP Moose–implementation and experience 16322
Rose, H., Ebeling, W., Asselmeyer, T. The density of states–a measure of the difficulty of optimisation problems 10378
Rose, H. *see* Schweitzer, F. 10396
Rose, J. *see* Betz, V. 11368
Rose, J. *see* Hartzell, A. 42491
Rose, J.H. *see* Cheng-Chi Tai 997
Rose, J.L. *see* Hongerholt, D.D. 20982
Rose, K. *see* Gadkari, S. 24658
Rose, K. *see* Miller, D. 15975
Rose, K. *see* Rao, A. 24656
Rose, K.C., Woolf, D.A., Morris, S.J., Westwood, D.I., Williams, R.H., Richter, W. Sub-monolayer coverages of Be grown on GaAs(001)-c(4×4) and (2×4)-β by molecular beam epitaxy studied by reflectance anisotropy spectroscopy and reflection high-energy electron diffraction 746
Rose, M. *see* Kebel, R. 14628
Rose, M.F. Space power technology 49944
Rose, M.F., Merryman, S.A. Electrochemical capacitor technology for actuator applications 19935
Rose, M.F. *see* Adair, P.L. 20083
Rose, M.F. *see* Ramesham, R. 10918
Rose, M.F. *see* Ramesham, R. 40603
Rose, M.F. *see* Ramesham, R. 53707
Rose, M.F. *see* Zheng Chen 20082
Rose, M.J. *see* Cusumano, P. 33534
Rose, P.D. Automotive and aerospace electronic systems. Dependability requirements 358
Rose, P.D. *see* Iredale, N. 43125
Rose, P.D. *see* Jones, G.A.C. 10785
Rose, R. Training drivers with infrared (IR) displays 17700
Rose, R. *see* Cox, S. 15046
Rose, R.C. *see* Li Lee 14934
Rose, R.C. *see* Lleida, E. 15045
Rose, R.E. *see* Lakin, K.M. 54993
Rose-Pehrsson, S.L. *see* Collins, G.E. 17585
Rose-Petruck, C. *see* Barty, C.P. 14075
Rose-Petruck, C. *see* Barty, C.P.J. 3802
Rose-Petruck, C. *see* Barty, C.P.J. 7933
Rose-Petruck, C. *see* Barty, C.P.J. 13910
Rosell, J. *see* Casas, O. 18440
Rosell, J. *see* Jurgens, I. 18460
Rosell, J. *see* Riu, P.J. 18445
Roselli, L. *see* Ciampolini, P. 11078
Roselli, L. *see* Ciampolini, P. 11141
Roselli, R.J. *see* Klaesner, J.W. 49468
Rosellini, S. *see* Lodi, G. 51465
Rosello-Guasch, J. *see* Barbier, C. 27022
Rosen, A. *see* Afek, Y. 35494
Rosen, A. *see* Awerbuch, B. 16800
Rosen, A. *see* Kushilevitz, E. 35374
Rosen, D. *see* Cormack, D.E. 21195
Rosen, D.B. *see* Allison, W.W.M. 37269
Rosen, J., Yariv, A. Reconstruction of longitudinal distributed incoherent sources 15688
Rosen, J. *see* Krizan, P. 59293
Rosen, M.A. Thermodynamic investigation and comparison of selected production processes for hydrogen and hydrogen-derived fuels 8992
Rosen, M.A. Energy efficiency and sustainable development 19443
Rosen, M.A. The role of energy efficiency in sustainable development 30404
Rosen, M.A. *see* Hart, D.R. 9737
Rosen, P.A., Hensley, S., Zebker, H.A., Webb, F.H., Fielding, E.J. Surface deformation and coherence measurements of Kilauea Volcano, Hawaii, from SIR-C radar interferometry 28607
Rosenau, S.A. *see* Zhang, W.-M. 53675
Rosenauer, A., Schutz, G., Reisinger, T., Preis, H., Franzen, F., Gebhardt, W. TEM investigation of plastic relaxation in ZnSe/GaAs(001) 22241
Rosenauer, A. *see* Gebhardt, W. 21242
Rosenauer, A. *see* Reisinger, T. 21244
Rosenbauer, F., Lorenzen, H.W. Behaviour of IGBT modules in the temperature range from 5 to 300 K [for SMES] 42943
Rosenbaum, E., Register, L.F. Mechanism of stress-induced leakage current in MOS capacitors 22481
Rosenbaum, E. *see* Raha, P. 32414
Rosenbaum, E. *see* Ramaswamy, S. 22833
Rosenbaum, E. *see* Yi-Kan Cheng 2782
Rosenbaum, E. *see* Yi-Kan Cheng 13132
Rosenberg, A. *see* Botton, M. 53974
Rosenberg, A. *see* Schnitzer, I. 53976
Rosenberg, A. *see* Tonucci, R.J. 32327
Rosenberg, A.E., Parthasarathy, S. Speaker background models for connected digit password speaker verification 15128
Rosenberg, A.E. *see* Qi Li 15085
Rosenberg, B. *see* Mahgerefteh, D. 33008
Rosenberg, C. *see* Ramesh, S. 25871
Rosenberg, J.J. *see* De Lisio, M.P. 11736
Rosenberg, J.J. *see* Galton, I. 1550
Rosenberg, J.R. *see* Halliday, D.M. 49630
Rosenberg, R. *see* Heinonen, J. 19456
Rosenberg, R. *see* Shaw, T.M. 42772
Rosenberg, R. *see* Filter, W.F. *(editor)* 39546
Rosenberg, T. INTERBUS-S: an industrial I/O network for high-performance manufacturing applications 6105
Rosenberg, T. Interbus-S pioneers interoperability 16266
Rosenberg, T. *see* Simonsen, S.E. 28338
Rosenberg, T.J. *see* Carpenter, D.L. 45140
Rosenberg, Y. *see* Parkansky, N. 22006
Rosenberg, Z. *see* Millett, J.C.F. 36928
Rosenberger, F.U. *see* Matthews, J.W. 37859
Rosenberger, M. *see* Zimmermann, G. 7032
Rosenberry, M.A. *see* Stoner, R.E. 3675
Rosenblatt, D. *see* Glasberg, S. 43998
Rosenblatt, D. *see* Sharon, A. 13672
Rosenbloom, A. Monotone real circuits are more powerful than monotone Boolean circuits 40862
Rosenbluh, M. *see* Vaynberg, B. 4021
Rosenbluh, M. *see* Vaynberg, B. 14333
Rosenblum, M.D. *see* Kardauskas, M.J. 39087
Rosenblum, M.D. *see* Ruby, D.S. 39023
Rosenblum, M.G. *see* Ivanov, P.Ch. 18414
Rosencher, E. *see* Fiore, A. 14282
Rosencher, E. *see* Fiore, A. 33658
Rosencher, E. *see* Fiore, A. 33705
Rosendahl, G.K., Mcleod, R.D., Card, H.C. A reconfigurable architecture for digital signal processing and neurocomputation 41377
Rosendahl, G.K. *see* McLeod, R.D. 1071
Rosendal, K. *see* Wilhjelm, J.E. 37751
Rosendo, M. *see* Bonal, J. 30168
Rosendo, M. *see* Bonal, J. 43191
Rosenfeld, A. Image analysis and computer vision: 1996 51957
Rosenfeld, A., Fejes, S. Discrete active models in vision geometry 4994

Rosenfeld, A. *see* Cucka, P. 10358
Rosenfeld, A. *see* Fejes, S. 5390
Rosenfeld, A. *see* Fejes, S. 57414
Rosenfeld, A. *see* Friedland, N.S. 56916
Rosenfeld, A. *see* Netanyahu, N.S. 5371
Rosenfeld, A. *see* Pizlo, Z. 57142
Rosenfeld, A. *see* Perner, P. *(editor)* 9833
Rosenfeld, A.B., Kaplan, G.I., Carolan, M.G., Allen, B.J., Maughan, R., Yudelev, M., Kota, C., Coderre, J. Simultaneous macro and micro dosimetry with MOSFETs 28465
Rosenfeld, A.B. *see* Khivrich, V.I. 28020
Rosenfeld, C. *see* Kulik, A. 59303
Rosenfeld, D., Schmid, P.E., Szeles, S., Levy, F., Demarne, V., Grisel, A. Electrical transport properties of thin-film metal-oxide-metal Nb_2O_5 oxygen sensors 48712
Rosenfeld, D., Zur, Y. Design of adiabatic selective pulses using optimal control theory 7955
Rosenfeld, L.K. *see* Paduan, J.D. 28643
Rosenfeld, P. *see* Walls, C. 41248
Rosenfelder, G.H., Gessner, G.H. If technology is such an important strategic issue, why do the top executives play a minor role in its decision process? 9975
Rosenholtz, R., Watson, A.B. Perceptual adaptive JPEG coding 57011
Rosenkrantz, D.J. *see* Narasimhan, R. 53104
Rosenkranz, J., Pekarek, S., Zacek, M. Breakdown voltage of the surface glow discharge 17711
Rosenman, G., Skliar, A., Lareah, Y., Angert, N., Tseitlin, M., Roth, M., Oron, M., Katz, M. Asymmetric secondary electron emission flux in ferroelectric $KTiOPO_4$ crystal 1908
Rosenman, G., Skliar, A., Oron, M., Katz, M. Polarization reversal in $KTiOPO_4$ crystals 32671
Rosenmayer, T., Wu, H. PTFE nanoemulsions as spin-on, low dielectric constant materials for ULSI applications 42718
Rosenson, R. Refining and smelting of precious metals from printed circuit boards. I 39953
Rosenstiel, W. *see* Bogdan, M. 59702
Rosenstiel, W. *see* Koch, G. 1082
Rosenstock, S.J. Issues in demand-side management programs operated by electric utilities in the United States 28768
Rosenthal, A. *see* Durand, S. 38659
Rosenthal, J., Schumacher, J.M., York, E.V. On behaviors and convolutional codes 24700
Rosenthal, J., York, E.V. On the generalized Hamming weights of convolutional codes 24744
Rosenthal, S.E. *see* Mendel, C.W., Jr 8844
Rosenthal, W. Estimating alpine snow cover with unsupervised spectral unmixing 18894
Rosentreter, M.A. *see* Heinrich, A.J. 41933
Rosenwaks, S. *see* Barmashenko, B.D. 13970
Rosenwaks, S. *see* Barmashenko, B.D. 23750
Rosenwaks, S. *see* Blayvas, I. 13928
Rosenwaks, S. *see* Lyubin, V. 2076
Rosenwaks, Y., Thacker, B.R., Nozik, A.J. The GaAs/$GaInP_2$ heterojunction for studying photoinduced charge transfer processes 2125
Rosenwaks, Y. *see* Poles, E. 2042
Rosenwald, G.W., Chen-Ching Liu Consistency evaluation in an operational environment involving many transactions 19095
Rosenwald, G.W. *see* Dahhaghchi, I. 38261
Rosenzweig, J. *see* Czotscher, K. 3882
Rosenzweig, J. *see* Czotscher, K. 55694
Rosenzweig, J. *see* Hurm, V. 44318
Rosenzweig, J. *see* Murphy, C.T. 49262
Rosenzweig, J. *see* Weisser, S. 23957
Rosenzweig, Z., Kopelman, R. Analytical properties of miniaturized oxygen and glucose fiber optic sensors 36783
Roser, T. AGS performance and upgrades. A possible proton driver for a muon collider 17925
Roser, T. *see* Palmer, R.B. 17966
Rosevear, R.D. *see* Parpal, J.-L. 19343
Rosevear, R.D. *see* Parpal, J.-L. 50588
Roshko, A. *see* Morris Hotsenpiller, P.A. 10775
Rosi, F.D. *see* Ettenberg, M.H. 31905
Rosi, F.D. *see* Taylor, P.J. 61104
Rosi, L. *see* Faldella, E. 46292
Rosi, R. *see* di Martino, P. 35838
Rosier, J.C., Snel, R., Goedvolk, E.J. Automated harvesting of flowers and cuttings 25683
Rosilio, A. *see* Sentein, C. 42889
Rosilio, C. *see* Sentein, C. 42889
Rosin, C. *see* Nordmann, I. 52858
Rosin, P.L. Analysing error of fit functions for ellipses 35034
Rosin, P.L. Edges: saliency measures and automatic thresholding 46233
Roska, T. *see* Csapodi, M. 35088
Roska, T. *see* Gilli, M. 30526
Roska, T. *see* Kozek, T. 35086
Roska, T. *see* Rekeczky, C. 35106
Roska, T. *see* Stoffels, A. 15693
Roska, T. *see* Toffels, A. 35083
Roska, T. *see* Zarandy, A. 35091
Roska, T. *see* Zarandy, A. 35093
Rosker, M. *see* Noblett, P. 55871
Rosker, M.J. *see* Ewbank, M.D. 55849
Roskos, H. *see* Gondermann, J. 23008
Roskos, H. *see* Gondermann, J. 43039
Roskos, H.G. *see* Heiliger, H.-M. 10677
Roskos, H.G. *see* Heiliger, H.-M. 53525
Roskos, H.G. *see* Heiliger, N.-M. 31455
Roskos, H.G. *see* Koster, T. 43132
Roskos, H.G. *see* Kurz, H. 12505
Roskos, H.G. *see* Martini, R. 22410
Roskos, H.G. *see* Pfeifer, T. 3445
Roskos, H.G. *see* Pfeifer, T. 58968
Roskowetz, S. *see* Watzmann, M. 20265
Rosler, R. *see* Iyer, R. 951
Rosler, S. *see* Hartmann, J. 17341
Rosler, S. *see* Lucklum, R. 28669
Roslund, J.H., Swenson, G., Andersson, T.G. Si-doped and undoped $Ga_{1-x}In_xSb$ grown by molecular-beam epitaxy on GaAs substrates 750
Roslund, J.H., Swenson, G., Andersson, T.G. Undoped $Ga_{1-x}In_xSb$ by molecular beam epitaxy on GaAs substrates 52606
Rosmalen, G.E.van *see* van Rosmalen, G.E.
Rosman, M., Osterman, M. An integrated design environment for printed wiring boards 31587
Rosner, B. Some chapters from the COB technology 20959
Rosner, B.D. *see* Goodnough, M.A. 17463
Rosner, B.D. *see* Goodnough, M.A. 17530
Rosner, S.J., Carr, E.C., Ludowise, M.J., Girolami, G., Erikson, H.I. Correlation of cathodoluminescence inhomogeneity with microstructural defects in epitaxial GaN grown by metalorganic chemical-vapor deposition 44214
Rosner, S.J. *see* Kamins, T.I. 30876
Rosola, I. *see* Kikineshy, A. 36599
Rosolen, C. *see* Martin, J.M. 17011
Rosolowski, E. *see* Kasztenny, B. 50642
Rosova, A. *see* Spankova, M. 40368
Rosowsky, A. *see* Akchurin, N. 37257
Ross, A. *see* Haworth, L.I. 9904
Ross, B. The economic challenges of electronic manufacturers and the evaluation of ATE systems and fixturing 39877
Ross, B., Savage, S. The XK8 body electronics control system 29852
Ross, B. *see* Boldea, I. 29347
Ross, B.A. *see* Montgomery, W.L. 20088
Ross, B.P. *see* Bo, Z.Q. 19391
Ross, C.I. *see* Tilghman, R.W. 50115
Ross, D. How the time flies when you's doin' all the talking [speech recognition interfaces] 56397
Ross, D. *see* Abe, K. 59233
Ross, D.C. *see* Anastassiu, H.T. 36251
Ross, D.I. *see* Daly, M.P.J. 59756
Ross, E.R.S. *see* Sykes, L. 49782
Ross, G.W. *see* Smith, P.G.R. 43499
Ross, J.R.H. *see* Berger, R.J. 19980
Ross, M., Bechtolsheim, A., Le, M.T., O'Sullivan, J. FX1000: a high performance single chip Gigabit Ethernet NIC 47165
Ross, M. *see* Kotseroglou, T. 33602
Ross, M. *see* Parsi, K. 3208
Ross, M.C., Alley, R., Arnett, D., Bong, E., Colocho, W., Frisch, J., Horton-Smith, S., Inman, W., Jobe, K., Kotseroglou, T. A high performance spot size monitor 37150
Ross, M.C. *see* Alley, R. 37033
Ross, M.D., Osborne, W.P., Jean-Baptiste, G. The use of non-linear amplifier models in bandlimited channels 6042
Ross, M.K., Fournier, M.M. Electroencephalographic calibration study: a first look 37800
Ross, P. The cordless office 35665
Ross, P. *see* Turner, A. 10389
Ross, P.N., Jr. *see* Richardson, T.J. 51450
Ross, R. *see* Nagalingam, S. 43349
Ross, R.G., Jr. *see* Stella, P.M. 38001
Ross, R.R. *see* Shutt, T. 37472
Ross, S.J. *see* Daida, J.M. 8369
Ross, S.J. *see* Daida, J.M. 8484
Ross, S.J. *see* Daida, J.M. 60021
Ross, T. *see* Handels, H. 18224
Ross, W. The CLEO II.V silicon vertex detector 59231
Ross, W.J. *see* Gerner, S.D. 51475
Ross, W.MacLeod *see* MacLeod Ross, W.
Rossa, E. *see* Cocq, D. 37070
Rossa, E. *see* Cuzin, M. 37553
Rossbach, J. New linac based free electron laser projects using bright electron beams 37146
Rossbach, J. *see* Montag, C. 49115
Rossberg, A. *see* Gastaldi, J. 37312
Rossberg, D. Optical properties of the integrated infrared sensor 17357
Rossberg, M. *see* Schwierz, F. 31510
Rossberg, R., Schmidt, B., Buttgenbach, S. Micro liquid dosing system 54827
Rosseel, E. *see* Bruynseraede, Y. 32920
Rossel, F. *see* Sanchez, J.-L. 40895
Rossel, P. *see* Beydoun, B. 43034
Rossel, P. *see* Moncoqut, D. 22823
Rossel, P. *see* Nolhier, N. 43208
Rossel, P. *see* Sanchez, J.-L. 40895
Rosser, D.M. *see* Barbier, P.R. 6787
Rosser, F. *see* Bitzer, B. 19255
Rosser, K.E. Measurement of absorbed dose to water for medium energy X-rays 8211
Rosser, K.E. *see* Klevenhagen, S.C. 18583
Rosser, T.E. *see* Puri, R. 11335
Rosset, S. *see* Lamel, L.F. 45681
Rosset-Louerat, M.M. *see* Bazargan-Sabet, P. 9891
Rossetti, V. *see* Steffenino, G. 8185
Rossetto, E. *see* Agnello, M. 37458
Rossetto, G. *see* Carnera, A. 12699
Rossetto, L. *see* Mattavelli, P. 29396
Rossetto, L. *see* Mattavelli, P. 29397
Rossetto, L. *see* Pomilio, J.A. 29402
Rossetto, L. *see* Spiazzi, C. 50412
Rossetto, L. *see* Spiazzi, G. 38830
Rossetto, L. *see* Spiazzi, G. 51240
Rossetto, L. *see* Spiazzi, G. 60920
Rossetto, O. *see* Gallin-Martel, L. 59330
Rossi, A. *see* Fanigliulo, A. 7454
Rossi, A.De *see* De Rossi, A.
Rossi, C. *see* Bonivento, C. 9594
Rossi, C. *see* Bonivento, C. 29731
Rossi, C. *see* D'Auria, G. 49304
Rossi, D. Embedded systems: past experience and future demands 53459
Rossi, D. *see* Ciancarini, P. 57856
Rossi, D. *see* Fornaro, G. 48075
Rossi, D. *see* Perier, L. 61300
Rossi, D.De *see* De Rossi, D.
Rossi, E. *see* Di Cocco, G. 59368
Rossi, F. *see* Losi, A. 8832
Rossi, F.N. *see* Reschiglian, P. 40870
Rossi, G. Conditional access to television broadcast programs: Technical solutions 27127
Rossi, G. *see* Cantatore, F. 9001
Rossi, G. *see* Capobianchi, A. 58887
Rossi, G. *see* Marsili, R. 49402
Rossi, G. *see* Spolaor, S. 60577
Rossi, G.B. *see* Michelini, R.C. 17196
Rossi, J.-P. *see* Fuhl, J. 47804
Rossi, J.P., Barbot, J.-P., Levy, A.J. Theory and measurement of the angle of arrival and time delay of UHF radiowaves using a ring array 56059
Rossi, L. *see* Calabretta, L. 49145
Rossi, M., Baldazzi, G., Querzola, E., Guidi, G., Scannavini, M.G., Chirco, P., Zanarini, M., Casali, F., Azevedo, S. High energy tomography using cadmium zinc telluride detectors 31003
Rossi, M., Jin-Yun Zhang, Steenaart, W. Iterative least squares design of perfect reconstruction QMF banks 11579
Rossi, M., Jin-Yun Zhang, Steenaart, W. Iterative constrained least squares design of near perfect reconstruction pseudo QMF banks 15171
Rossi, M. *see* Kalitzova, M. 32129
Rossi, M. *see* Marcelli, R. 3252
Rossi, M. *see* Vitali, G. 22506
Rossi, P., Polli, E., Albicocco, M., Avakian, H., Bianchi, N., Capitani, G.P., Deppman, A., De Sanctis, E., Giourdjian, V., Levi Sandri, P., Mansanta, S., Mirazita, M., Muccifora, V., Reolon, A.R., Taiuti, M., Rottura, A., Anghinolfi, M., Battaglieri, M., Corvisiero, P., Golovach, E., Longhi, A., Mokeev, V.I., Olcese, M., Ricco, G., Ripani, M., Sanzone, M., Sapunenko, V., Morandotti, R. Performance of the new plastic scintillator NE110A for the CLAS large angle calorimeter 18092
Rossi, P. *see* Donolato, C. 39038
Rossi, S. *see* Russo, G. 15646
Rossi, W.De *see* De Rossi, W.
Rossiev, D.A. *see* Vakhrushev, S.G. 59781
Rossignol, S. *see* Quinquis, A. 15225
Rossignol, S. *see* Quinquis, A. 48150
Rossignol, V., Freundlich, A., Leroux, M., Renaud, P., Bensaoula, A.H. Investigation of interface properties of InAsP/InP heterostructures grown by chemical beam epitaxy 10719
Rossing, L., Skupin, U. Multi-channel SAR/MTI processing: simulation and real SAR data results 27023
Rossler, U. *see* Neudert, R. 42167
Rossman, C.E., Budnick, J.I., Weinberger, B.R. Correlation of frictional losses of spinning levitated magnets with ac susceptibility in high-temperature superconductors 23428
Rossman, C.E. *see* Galasso, F.S. 43748
Rossman, G. *see* Eran, Y. 20965
Rossman, M. *see* Zatsman, A. 58054
Rossman, P.J. *see* Debbins, J.P. 7988
Rossman, P.J. *see* Lee, C.C. 7958
Rossmanith, C., Handels, H., Poppl, S.J., Rinast, E., Weiss, D. Characterisation and classification of brain tumours in three-dimensional MR image sequences 18396
Rossmanith, C. *see* Handels, H. 37933
Rossmanith, R. *see* Norum, B. 17977
Rossmanith, R. *see* Palmer, R.B. 17966
Rossmann, M., Jost, T., Goser, K., Buhlmeier, A., Manteuffel, G. Exponential Hebbian on-line learning implemented in FPGAs 11633
Rossmann, Th., Pleiffer, F. Control of a pipe inspection robot 20979
Rossmann, W.C., Ellis, R.G. Retrofit of 22 pipeline pumping stations with 3000 HP motors and variable frequency drives 51652
Rossnagel, S.M. *see* Hamaguchi, S. 52810
Rossnagel, S.M. *see* Nichols, C.A. 2421
Rossner, U., Rouviere, J.-L., Bourret, A., Barski, A. ECR-MBE and GSMBE of gallium nitride on Si(111) 21264
Rossner, U. *see* Godlewski, M. 12231
Rosso, E. *see* Alexeev, G. 59200
Rosso, F. *see* Pisani, U. 41392
Rosso, M.J. *see* Golben, M. 61033
Rosso, O.A. *see* Blanco, S. 28348
Rosso, O.A. *see* Blanco, S. 28372
Rosso, V. *see* Amendolia, S.R. 37346
Rosso, V. *see* Bertolucci, E. 37628
Rosso, V. *see* Marchesini, R. 59447
Rossolenko, S.N. *see* Abrosimov, N.V. 10642

Rossow, U., Dietz, N., Bachmann, K.J., Aspnes, D.E. Optical investigations of surface processes in GaP heteroepitaxy on silicon under pulsed chemical beam epitaxy conditions 52623
Rossow, U., Frotscher, U., Pietryga, C., Aspnes, D.E., Richter, W. Porous silicon layers as a model system for nanostructures 2187
Rossow, U., Mantese, L., Yasuda, T., Aspnes, D.E. Hydrogenated and oxidized vicinal Si(001) surfaces investigated by reflectance-difference spectroscopy 2375
Rossow, U. *see* Bachmann, K.J. 52620
Rossow, U. *see* Bachmann, K.J. 52693
Rossow, U. *see* Mantese, L. 12174
Rossukanyi, N.M. *see* Karabutov, A.V. 53922
Rossum, M.Van *see* Van Rossum, M.
Rossum, W.Van *see* Van Rossum, W.
Rossy, O. *see* Mayer, J.R.R. 48886
Rost, R. *see* Fladung, W. 56434
Rost, T.A. *see* Mogul, H.C. 32542
Rost, W. *see* Weyers, J. 2848
Rostaing, J.C. *see* Etemadi, R. 30917
Rostaing, J.P. *see* Bonnefoy, J.P. 37499
Rostaing, P., Pitarque, T., Thierry, E. Performance analysis of a statistical test for presence of cyclostationarity in a noisy observation 25830
Rostami, Kh.R. Device for investigation of the physical properties of high-temperature superconductors 7488
Rostan, F., Wiesbeck, W. Aperture-coupled microstrip patch arrays for future spaceborne polarimetric SAR systems 16929
Rostan, F., Wiesbeck, W., Van Zyl, J.J. Dual polarized L-band microstrip patch array for the AIRSAR/TOPSAR system 8558
Rostan, F. *see* Taszner, I. 56151
Rostan, P., Wiesbeck, W. Mutual coupling in aperture-coupled microstrip patch arrays with a sequential feeding technique 34473
Rosten, D.P. *see* Kalshoven, J.E. 8546
Rosten, H.I., Parry, J.D., Lasance, C.J.M., Vinke, H., Temmerman, W., Nelemans, W., Assouad, Y., Gautier, T., Slattery, O., Cahill, C., O'Flattery, M., Lacaze, C., Zemlianoy, P. Final report to SEMITHERM XIII on the European-funded project DELPHI–the development of libraries and physical models for an integrated design environment 52280
Rosten, T. *see* Lervik, J.M. 50016
Roster, W. *see* Ruth, R.D. 49165
Rostoll, M.L. *see* Maury, D. 40611
Rostov, V.V. *see* Gubanov, V.P. 54002
Rosu, E. *see* Teodorescu, R. 53028
Roszkiewicz, M. *see* Jajszczyk, A. 16033
Rota, L. *see* Supancic, P. 31761
Rota Kops, E. *see* Lipinski, B. 49500
Rotach, V.Y. Calculation of systems of decoupled and autonomous control of multivariable plants 19530
Rotariu, O. *see* Badescu, V. 33915
Rotella, J.P. *see* Mase, K. 5969
Rotelli, B., Tarricone, L., Gombia, E., Mosca, R., Perotin, M. Photoelectric properties of GaSb Schottky diodes 32357
Rotenberg, B.A. *see* Pronin, I.P. 48418
Rotenberg, E., Bennett, S., Smith, J.E. Trace cache: a low latency approach to high bandwidth instruction fetching 21714
Roth, A., Knopfle, W., Matschke, M. Optimization of the tie-pointing procedure for the terrain correction of SAR data 8403
Roth, A., Kosmann, D., Matschke, M., Muschen, B., John, H. Experiences in multi-sensoral SAR geocoding 8405
Roth, A.P., Finnie, P., Buchanan, M., Lacelle, C. Selective area chemical beam epitaxy of InGaAs/GaAs quantum wire structures 10708
Roth, C. *see* Enloe, C.L. 44912
Roth, E.G. *see* Gardner, J.A. 54330
Roth, J.A. *see* Chieh-Yi Tang 49640
Roth, J.A. *see* De Lyon, T.J. 40429
Roth, J.A. *see* Rajavel, R.D. 711
Roth, J.A. *see* Shahane, S.D. 49614
Roth, M., Hartinger, R., Faul, R., Endres, H.-E. Drift reduction of organic coated gas-sensors by temperature modulation 36763
Roth, M. *see* Deich, V. 37324
Roth, M. *see* Hermon, H. 37302
Roth, M. *see* Leidl, A. 27711
Roth, M. *see* Rosenman, G. 1908
Roth, M. *see* Vichare, M. 12883
Roth, M.D. *see* Mitchel, W.C. 54136
Roth, M.E., Taylor, L.M., Hansen, I.G. Status of electrical actuator applications 19938
Roth, M.E. *see* Mildice, J.W. 20141
Roth, M.L. *see* Shipley, L.E. 8636
Roth, N. *see* Anders, K. 28620
Roth, P. *see* Huish, P. 26389
Roth, P. *see* Matsuzawa, I. 37079
Roth, P. *see* Priotti, P. 26392
Roth, P. *see* Zylbersztejn, A. 26901
Roth, P.J., Franklin, W.R., Kallman, R.R., Goldstein, D.H. Complex valued image correlations using the ImSyn™ processor 8689
Roth, R. *see* Schulzrinne, H. 26185
Roth, R.M. Tensor codes for the rank metric 24717
Roth, R.M. *see* Ashley, J.J. 24704
Roth, S. *see* Werner, A.T. 1843
Roth, T. *see* Laenen, R. 44678
Roth, W. *see* Kugele, R. 38664
Roth, W. *see* Yang, G.M. 54973
Roth, W.T. *see* Ford, J.M. 18412
Roth, Z.S. *see* Hanqi Zhuang 15917
Rothberg, G.M. *see* Shin, T. 23291
Rothberg, L.J., Lovinger, A.J. Status of and prospects for organic electroluminescence 13888
Rothberg, L.J. *see* Dodabalapur, A. 3633
Rothberg, L.J. *see* Jordan, R.H. 7498
Rothberg, L.J. *see* Torsi, L. 2618
Rothberg, L.J. *see* Torsi, L. 2725
Rothberg, S. *see* Denman, M. 59024
Rothberg, S. *see* Tullis, I. 48947
Rothe, H., Kasper, A. Fast and accurate roughness characterization techniques for wafers and hard disks 39893
Rothe, H. *see* Ginter, O. 4127
Rothe, M. *see* Gruetzner, G. 42844
Rothe, M. *see* Lochel, B. 13172
Rothe, M. *see* Loechel, B. 23052
Rothenberg, B.C., Brown, J.E.C., Hurst, P.J., Lewis, S.H. A mixed-signal RAM decision-feedback equalizer for disk drives 1404
Rother, M. *see* Nebel, C.E. 12304
Rother, M.K.A. *see* Luhr, H. 18845
Rothermel, A. *see* Rau, M. 6486
Rothermel, H. *see* Plathner, B. 21903
Rothert, J.K., Weerakkody, S.D., Szoke, M.L., Dakers, J.D. Vulnerability identification and risk reduction from Haddam Neck IPEEE [nuclear plant] 38578
Rothl, W. *see* Homann, N. 8064
Rothman, J.B. *see* Morris Hotsenpiller, P.A. 10775
Roths, J., Zenker, T., Parchatka, U., Wienhold, F.G., Harris, G.W. Four-laser airborne infrared spectrometer for atmospheric trace gas measurements 28626
Rothschild, M. *see* Grenville, A. 32270
Rothweiler, S. *see* Chakradhar, S.T. 53184
Rothwell, C. *see* Carlsson, S. 25541
Rothwell, E.J., Chen, K.M., Nyquist, D.P., Norman, A., Wallinga, G., Dai, Y. Target detection and identification using a stepped-frequency ultra-wideband radar 28706
Rothwell, E.J. *see* Dai, Y. 36235
Rothwell, H.L., Jr. *see* Lambrechts, S.M. 39403
Rotinyan, M.A., Fedorov, I.A., Khritov, K.M. Supersonic CW chemical DF laser with a nozzle unit based on the principle of three-layer reagent mixing 13954
Rotinyan, M.A. *see* Konkin, S.V. 13955
Rotinyan, M.A. *see* Konkin, S.V. 33387
Rotiu C, E. *see* De Cesare, G. 832
Rotman, S. *see* Arnon, S. 47955
Rotman, S. *see* Arnon, S. 58292
Rotman, S.R., Cohen, A., Shamay, D., Hsu, D., Kowalczyk, M.L. Textural metrics for clutter affecting human target acquisition 19011
Rotman, S.R., Hsu, D., Cohen, A., Shamay, D., Kowalczyk, M.L. Textural metrics for clutter affecting human target acquisition 8649
Rotnes, J.S. *see* Yang, L. 18201
Rotondale, N. *see* Cecati, C. 29739
Rotondale, N. *see* Gentile, G. 19767
Rotondale, N. *see* Gentile, G. 20134
Rotondaro, A.L.P., Honda, K., Maw, T., Perry, D., Lux, M., Heyns, M.M., Claeys, C., Daraktchiev, I. Development of advanced corrosion free organic strippers for ULSI processing 42479
Rotondaro, A.L.P. *see* Hurd, T.Q. 42560
Rotondaro, A.L.P. *see* Teerlinck, I. 42561
Rotorier, B., Souny, B. Numerical UTD diffraction coefficients with hybrid topologic method 33952
Rotshtein, V.P. *see* Batrakov, A.V. 23206
Rott, H. *see* Kyung Pak 8380
Rott, M. Generation of hypervelocity plasma pulses using an electrothermal accelerator 33863
Rott, M. *see* Thomas, P. 33872
Rott, S., Linder, N., Dohler, G.H. Hopping transport in superlattices 42204
Rotter, M., Rocke, C., Bohm, S., Lorke, A., Wixforth, A., Ruile, W., Korte, L. Single-chip fused hybrids for acousto-electric and acousto-optic applications 55339
Rotter, M. *see* Erlandson, A.C. 23841
Rotter, M.D., Doss, S., Erlandson, A., Jancaitis, K., Sutton, S., LeTouze, G. Modeling pump-induced wavefront distortions in large-aperture laser amplifiers 23843
Rotter, P. *see* Neudert, R. 42167
Rottger, J. *see* Cho, J.Y.N. 56040
Rottger, S., Paul, A., Keyser, U. Prompt (n, γ)-spectrometry for the isotopical analysis of silicon crystals for the Avogadro-project 27381
Rottigni, G.A. *see* Costa, S. 18146
Rottingen, J.-A. *see* Yang, L. 18201
Rottland, J. *see* Rigoll, G. 5367
Rottland, J. *see* Rigoll, G. 15001
Rottman, G.J. *see* Osterman, S.N. 36697
Rottmann, M. *see* Kraft, A. 41914
Rottmayer, R. *see* Hua-Ching Tong 32853
Rottmayer, R. *see* Jian-Gang Zhu 32847
Rottmayer, R. *see* Tong, H.C. 32865
Rottner, E. Obsolete programming algorithms can cause design failures in PLD and FPGA systems 21632
Rottner, K. *see* Peppermuller, C. 44207
Rottschalk, M., Ruske, J.-P., Unterschutz, B., Rasch, A., Grober, V. Single mode integrated-optical wide-band channel waveguides and junction splitters in $KTiOPO_4$ for visible light 33099
Rottschalk, M. *see* Gehler, J. 44015
Rottura, A. *see* Rossi, P. 18092
Rotvig, J., Jauho, A.-P., Smith, H. Theory of coherent time-dependent transport in one-dimensional multiband semiconductor superlattices 32033
Rouan, D. *see* Cesarsky, C.J. 36548
Rouanet, M. *see* Nouaoura, M. 10711
Roubens, M. Choice procedures in fuzzy multicriteria decision analysis based on pairwise comparisons 412
Roubideaux, D. *see* Garboushian, V. 39184
Roubidoux, M.A. *see* Moskalik, A.P. 18352
Rouchon, P. *see* Chelouah, A. 60755
Rouchon, P. *see* Martin, P. 60754
Rouchon, P. *see* Mounier, H. 56083
Rouckhardt, H. *see* Pohl, A. 13897
Roudaire, J.-F. *see* Lacroix, B. 8947
Roudet, J. *see* Clavel, E. 29457
Roudet, J. *see* Merienne, F. 9350
Roudet, J. *see* Teulings, W. 32400
Roudier, P. *see* Garvey, T. 49193
Roudskoy, I. *see* Dubenkov, V. 18057
Roudskoy, V. *see* Haseroth, H. 49278
Rouelle, F. *see* Bertagna, V. 12760
Rouge, B. *see* Kalifa, J. 25593
Rougeaux, S., Berthouze, L., Kuniyoshi, Y. Active calibration of space variant sensors 46519
Rougeaux, S. *see* Afzulpurkar, N. 46518
Rougier, P. *see* Lisfi, A. 3166
Rougon, N., Preteux, F. Understanding the structure of diffusive scale-spaces 5579
Rouha, N., Bercual, A., Brosseau, C. Modeling the treeing growth in solid electrical insulations 43526
Roujean, J.-L. *see* Wanner, W. 8527
Roukes, M.L. *see* Cleland, A.N. 2860
Roukes, M.L. *see* Yurke, B. 3290
Roukos, S. *see* Epstein, M. 14891
Rouleau, C.M., Lowndes, D.H., Strauss, M.A., Cao, S., Pedraza, A.J., Geohegan, D.B., Puretzky, A.A., Allard, L.F. Effect of ambient gas pressure on pulsed laser ablation plume dynamics and ZnTe film growth 10746
Rouleau, C.M. *see* Lowndes, D.H. 10745
Rouleau, C.M. *see* Lowndes, D.H. 21317
Rouleau, J.-F., Goyette, J., Bose, T.K., Frechette, M.F. Detection of small quantities of contaminants in SF_6 by a microwave method 13302
Roulston, D.J. *see* Sadovnikov, A.D. 2598
Roulston, D.J. *see* Sadovnikov, A.D. 22766
Roum, J.H. *see* Tehrani, F.T. 37838
Roumbanis, T. *see* Mishin, A.V. 49062
Roumeliotis, J.A. Resonant frequencies in an electromagnetic rectangular/cylindrical/spherical cavity with an inner off-axis small dielectric sphere 34167
Roumeliotis, J.A. *see* Kokkorakis, G.C. 56096
Roumenin, C.S. 2D magnetodiode sensors based on SOS technology 17260
Round, S. *see* Qing Yu 50511
Round, S.D. *see* Yu, Q. 50516
Rouphael, T., Cruz, J.R. Enhanced CDMA cellular system using interpolated uniform linear arrays 6509
Roupin, F. On approximating the memory-constrained module allocation problem 40157
Rouquet, C., Chausse, F., Chapuis, R., Bonton, P. Unsupervised segmentation of road images: a multicriteria approach 15448
Rouquette, P., Gasquet, D., Holden, T., Moult, J. HBT's RF noise parameter determination by means of an efficient method based on noise analysis of linear amplifier networks 53621
Rouquette, S., Berthoumieu, Y., Najim, M. An efficient subband decomposition based on the Hilbert transform for high-resolution spectral estimation 45766
Rouquier, D. *see* Domenis, E. 6417
Rousar, I., Rudolf, M., Lukasek, P., Kavan, L., Papageorgiou, N., Graetzel, M. Optimization of parameters of an electrochemical photovoltaic regenerative solar cell 9542
Rouse, G., Bagley, H., Kane, T.J., Leung, C. Development of a laser wind and hazard profiler [for military aircraft] 59916
Rouse, J. *see* Chisholm, T. 32333
Rouse, J. *see* Xieqing Zhu 33824
Roush, M.L. *see* LaSala, K.P. 38252
Roush, R.A., Hutcherson, R.K., Ingram, M.W., Grothaus, M.G. Effects of pulse risetime and pulse width on the destruction of toluene and NO_x in a coaxial pulsed corona reactor 50228
Rouskas, G.N., Ammar, M.H. Minimizing delay and packet loss in single-hop lightwave WDM networks using TDMA schedules 47908
Rouskas, G.N., Ammar, M.H. Multidestination communication over tunable-receiver single-hop WDM networks 58266
Rouskas, G.N., Baldine, I. Multicast routing with end-to-end delay and delay variation constraints 57668
Rousseau, F. *see* Freund, L. 1326
Rousseau, G. *see* Stryckman, D. 3807
Rousseau, H., Duvaut, P. Bernoulli-Gaussian deconvolution in non-Gaussian noise from multiscale edges 34936
Rousseau, J. *see* Millaire, K. 59433
Rousseau, J.J. *see* Tenant, P. 43650
Rousseau, J.J. *see* Viverge, P.J. 51365

Rousseau, P. *see* Antonetti, A. 14076
Rousseau, P.M., Crowder, S.W., Griffin, P.B., Plummer, J.D. Arsenic deactivation enhanced diffusion and the reverse short-channel effect 22539
Rousseau, P.M., Griffin, P.B., Luning, S., Plummer, J.D. A model for mobility degradation in highly doped arsenic layers 1970
Rousseau, P.R., Pathak, P.H. TD-UTD for scattering from a smooth convex surface 34028
Rousseau, P.R. *see* Chou, H.-T. 56177
Rousseaux, P. *see* Yiwei Zhang 8726
Rousseaux, P. *see* Zhang, Y. 50319
Rousseeuw, B.A.C. *see* Voorma, H.-J. 42852
Roussel, A. *see* Bray, M. 3955
Roussel, A. *see* Garret, T. 3940
Roussel, A. *see* Rosala, F. 3322
Roussel, G., Ternisien, E., Maouche, S. Combinatorial optimizing algorithm using tree search A* and neural network estimation 52526
Roussel, P. *see* De Blauwe, J. 41148
Roussel, P. *see* Proost, J. 42729
Roussel, Ph. *see* Degraeve, R. 43239
Roussel, P.J. *see* Russ, C. 22832
Roussel-Dupre, D., Bloch, J. The anomalous background observed by the ALEXIS telescopes 18162
Roussell, H., Helkey, R., Betts, G., Cox, C., III Effect of optical feedback on high-dynamic-range Fabry-Perot laser optical links 26706
Roussell, H. *see* Helkey, R. 36084
Rousset, B., Duchateau, J.-L., Gauthier, A., Martinez, A., Seyfert, P., Weisend, J., II Results of thermal hydraulic measurements on two 15 kA ITER style cable in conduit conductors 38382
Rousset, J. *see* Quere, R. 53691
Roussev, B. Design and synthesis of self-checking implementations of Boolean interpreted Petri nets 53195
Roussina, E.V. *see* Kim, J.M. 58930
Rousso, B. *see* Irani, M. 46314
Rout, B. *see* Satyam, P.V. 32067
Rout, B. *see* Sundaravel, B. 30810
Routen, T. *see* Czarnecki, C.A. 8096
Routh, H.F. Doppler ultrasound 18261
Routh, H.F. *see* Shih-Jeh Wu 28192
Routledge, D. *see* Smegal, R.J. 58514
Routray, A. *see* Dash, P.K. 8744
Routt, T.J. Flexibility is key to backbone evolution 57793
Routt, T.J. *see* Phillips, J.R. 6390
Rouve, L.-L., Waeckerle, T., Kedous-Lebouc, A., Ossart, F., Sabonnadiere, J.-C. Analytical computation of average induction in a sheet cross section considering magnetic diffusion and hysteretic features 44943
Rouvier, S., Borderies, P., Chenerie, I. Ultra wide band electromagnetic scattering of a fractal profile 55999
Rouvier, S., Borderies, P., Chenerie, I., Souyris, J.C., Le Toan, T., Floury, N. Fractal analysis of bidimensional profiles and application to electromagnetic scattering from soils 8390
Rouviere, J.-L., Arlery, M., Bourret, A., Niebuhr, R., Bachem, K.-H. Understanding the pyramidal growth of GaN 12286
Rouviere, J.-L. *see* Rossner, U. 21264
Rouviere, J.F., Douchin, N., Combes, P.F. Improvement of the UTD formulation for diffraction of an electromagnetic wave by a dielectric wedge 45002
Rouviere, J.L. *see* Hartmann, J.M. 42132
Rouviere, J.L. *see* Hartmann, J.M. 52704
Rouviere, P. *see* Nail, M. 33259
Roux, B. *see* Antoine, C. 32889
Roux, C. *see* Ibanez, L. 59515
Roux, C. *see* Parra, G.A. 8541
Roux, C. *see* Solaiman, B. 18233
Roux, C. *see* Solaiman, B. 46500
Roux, J.F. *see* Kouame, D. 45988
Roux, J.F. *see* Kouame, D. 56517
Roux, L. *see* Gay, N. 54323
Roux, M. Automatic registration of SPOT images and digitized maps 60098
Rouyer, C. *see* Apollonov, V.V. 14315
Rouyer, C. *see* Blanchot, N. 3952
Rouz, A. ATM implementation for the third generation mobile 47613
Rouz, K. *see* Bernard, D. 2516
Rouzaud, M. *see* Popowski, Y. 59768
Rovang, D. *see* Mazarakis, M.G. 17897
Rovang, D.C. *see* Mazarakis, M.G. 37078
Rovang, D.C. *see* Mazarakis, M.G. 37152
Rovatti, R. *see* Manaresi, N. 1635
Rovelli, A., Cuttone, G., Giove, D., Amato, A., Cavallaro, S., Pulvirenti, S. The LNS computer control system for the commissioning of the superconducting cyclotron 49146
Rovelli, A. *see* Calabretta, L. 49145
Rovelli, A. *see* Ciavola, G. 49283
Rovelli, A. *see* Finocchiaro, P. 37097
Rovera, D. *see* Presti, L.L. 27328
Rovera, G.D., Santarelli, G. Frequency synthesis in the submillimetric range with sub-Hz linewidth 27818
Rovera, G.D. *see* Presti, L.L. 48314
Rovinsky, R.B. *see* Johnson, S.C. 60006
Roviras, D. *see* Bakkoury, J. 26602
Rovito, L. *see* Nastro, V. 18749
Rovnyak, S.M., Taylor, C.W., Thorp, J.S. Performance index and classifier approaches to real-time, discrete-event control 28783
Rovnyi, S. *see* Polyakov, A.S. 19502
Rowbotham, T. *see* Faulkner, D. 57722
Rowe, C. *see* Sengupta, D.K. 27577
Rowe, D.M., Min, G. Design theory of thermoelectric modules for electrical power generation 9564
Rowe, D.M. *see* Basak, A. 27851
Rowe, G.B. *see* Neve, M.J. 58209
Rowe, J. *see* East, I.R. 10387
Rowe, J. *see* Huish, P. 26389
Rowe, J. *see* Priotti, P. 26392
Rowe, J.E. *see* Chiang, C.-M. 10878
Rowe, L.E. Reliable power is money in the bank 39441
Rowe, M.D., Smith, J.A.S. Mine detection by nuclear quadrupole resonance 8600
Rowe, S. *see* Maftoul, J. 38915
Rowe, V.G. *see* Cole, M. 39679
Rowe, W.A. SID and the issues in global standards 17657
Rowe, W.A. *see* DeWitt, J. 59243
Rowe, W.A. *see* Dubbs, T. 59292
Rowe, W.A. *see* Sadrozinski, H.F.W. 37399
Rowe, W.A. *see* Unno, Y. 37395
Rowell, C.R., Murch, R.D. A capacitively loaded PIFA for compact PCS handsets 34262
Rowell, C.R., Murch, R.D. A capacitively loaded PIFA for compact mobile telephone handsets 58222
Rowell, J.M. A decade of progress towards a high temperature superconducting electronics technology 43780
Rowell, N.L. *see* Gong, X.Y. 41935
Rowell, N.L. *see* Houghton, D.C. 42240
Rower, T. *see* Gondermann, J. 23008
Rower, T. *see* Gondermann, J. 43039
Rowicki, S. *see* Piotrowski, A. 48011
Rowinska-Marcinska, K. *see* Zalewska, E. 59716
Rowland, H.L. *see* Fernsler, R.F. 44911
Rowland, J.R. Interdisciplinary team teaching 20690
Rowland, L.B. *see* Agarwal, A.K. 42044
Rowland, L.B. *see* Burk, A.A., Jr. 2095
Rowland, L.B. *see* Sinharoy, S. 21266
Rowland, W.H., Jr. *see* Hughes, W.C. 12784
Rowland, W.H., Jr. *see* Johnson, M.A.L. 30834
Rowlands, A.R. *see* Benzaoua, F.S. 19415
Rowlands, E. *see* Loe, D.L. 39366
Rowlands, J.A. *see* Yaffe, M.J. 37754
Rowley, D.I. *see* Wigderowitz, C.A. 28256
Rowley, H.A. *see* Steiner, P.R. 59505
Rowley, J.K. *see* Cribier, M. 59193
Rowley, K., Lyden, C. Implementing ΣΔ modulator prototype designs on an FPGA 11151
Rowley, W.R.C. *see* Barwood, G.P. 48335
Rowley, W.R.C. *see* Edwards, C.S. 7134
Rowley, W.R.C. *see* Edwards, C.S. 44535
Rowson, J.A. *see* Hunt, M. 1043
Roy, A., Singh, K. Spatial light modulators and their applications: a bibliographic review for the years 1992 and 1993 50
Roy, A. *see* Birla, N. 24079
Roy, A. *see* Cesarsky, C.J. 36548
Roy, A. *see* Eitan, B. 41157
Roy, A. *see* Law, H.H. 1777
Roy, B.K. *see* Sarkar, P. 53319
Roy, C.K. *see* Gangopadhyay, T.K. 8968
Roy, D. *see* Schmandt, C. 17123
Roy, D.K. Speaker indexing using neural network clustering of vowel spectra 56363
Roy, E., Stewart, R.W., Durrani, T.S. Theory and applications of adaptive second order IIR Volterra filters 15375
Roy, G., Mathieu, P. Comparison of Raman and degenerated optical parametric oscillators for a high-energy and high-repetition-rate eye-safe laser 24111
Roy, J., Gupta, S. Cost of oil-based decentralized power generation in India: scope for SPV technology 29161
Roy, J. *see* Bosse, E. 16883
Roy, J. *see* Carson, R.R., Jr. 50266
Roy, J. *see* Dion, D. 16840
Roy, J.E., Shafai, L., Shafai, L. Reciprocal circular-polarization-selective surface 24470
Roy, J.N. *see* Mukhopadhyay, S. 33187
Roy, K., Roy, R., Tan-Li Chou Design of low power digital systems 21547
Roy, K. *see* Johnson, M.C. 1051
Roy, K. *see* Muhammad, K. 47647
Roy, K. *see* Patil, P. 53224
Roy, K. *see* Sankarayya, N. 53442
Roy, K. *see* Tan-Li Chou 41116
Roy, K. *see* Wang, C.-Y. 13133
Roy, K. *see* Ye, Y. 41123
Roy, L. *see* Labonte, S. 59783
Roy, M., Ewald, A. Inside DCOM 47101
Roy, M. *see* Narayanan, S. 39015
Roy, M. *see* Pare, P. 52211
Roy, M. *see* Wohlgemuth, J.H. 39157
Roy, M.F. *see* Ligatsikas, Z. 21015
Roy, M.Le *see* Le Roy, M.
Roy, M.N. *see* Banerji, P. 41988
Roy, M.S. *see* Sharma, G.D. 3611
Roy, M.S. *see* Sharma, G.D. 32082
Roy, M.S. *see* Sharma, G.D. 42012
Roy, M.S. *see* Sharma, G.D. 42041
Roy, M.S. *see* Sharma, G.D. 42247
Roy, M.S. *see* Sharma, G.D. 51603
Roy, P. *see* Pagnoux, D. 13616
Roy, P.K., Ma, Y., Flemming, M.T. A two-step, lightly nitrided gate oxidation process for sub-0.5 μm CMOS technology 43322
Roy, P.K., Moon, A., Mima, K., Nakai, S., Fujita, M., Imasaki, K., Yamanaka, C., Yasuda, E., Watanabe, T., Ohigashi, N., Okuda, Y., Tsunawaki, Y. Study of a laser-heated electron gun 1910
Roy, R. Ceramic packaging for electronics 30205
Roy, R., Ravichandran, D., White, W.B. Hydrothermal hexaaluminate phosphors 13822
Roy, R. *see* Huy Nguyen 53190
Roy, R. *see* Patil, P. 53224
Roy, R. *see* Roy, K. 21547
Roy, R. *see* Williams, Q.L. 44383
Roy, R. *see* Yamakawa, K. 32659
Roy, R.A. *see* Cabral, C. 42660
Roy, R.A. *see* Clevenger, L.A. 31793
Roy, R.A. *see* Svilan, V. 43321
Roy, R.J. *see* Sharma, A. 59749
Roy, R.K. *see* Banerjee, S. 31226
Roy, S. Cost-effectiveness of emission control at fossil-fuel units for different cumulative load patterns 50754
Roy, S., Banerjee, P. A comparison of parallel approaches for algebraic factorization in logic synthesis 40844
Roy, S., Cox, I.J. Motion without structure 5287
Roy, S., Furukawa, S., Mehregany, M. Determination of Young's modulus and residual stress of electroless nickel using test structures fabricated in a new surface micromachining process 54831
Roy, S., Mehregany, M. Microfabricated relays using nickel surface micromachining 23041
Roy, S. *see* Barker, J.R. 13041
Roy, S. *see* Barker, R. 54726
Roy, S. *see* Wylie, M.P. 4879
Roy, S. *see* Wylie, M.P. 34896
Roy, S.C.Dutta *see* Dutta Roy, S.C.
Roy, S.K. *see* Nanda, K. 53175
Roy, S.N. *see* Gangopadhyay, T.K. 8968
Roy, T., Sarkar, T.K., Djordjevic, A.R., Salazar-Palma, M. Hybrid method solution of scattering by conducting cylinders (TM case) 14581
Roy, U., Ying-Che Fang Optimal tolerance re-allocation for the generative process sequence 20790
Roy, W.van *see* van Roy, W.
Roy, Y.Le *see* Le Roy, Y.
Royannez, P. *see* Beaurin, O. 53203
Royas, R.F.C. *see* Reynoso, V.C.S. 2159
Roychoudhuri, C., Weiqun Chen, Manzur, T., DeMaria, A.J. Diode lasers point to desktop manufacturing 165
Roychowdhury, J. *see* Feldmann, P. 11102
Roychowdhury, J. *see* Kapur, S. 11123
Roychowdhury, J.S., Feldmann, P. A new linear-time harmonic balance algorithm for cyclostationary noise analysis in RF circuits 47570
Roychowdhury, V.P. *see* Chatterjee, C. 5231
Roychowdhury, V.P. *see* Chatterjee, C. 39975
Roychowdhury, V.P. *see* Xiaodong Wang 43160
Roychowdrury, V.P. *see* Bandyopadhyay, S. 53263
Royds, W.G. *see* Pattey, E. 8468
Roye, D. *see* Haras, A. 51176
Royer, A. *see* O'Neill, N.T. 35225
Royer, D. *see* Poueta, B.F. 14339
Royo, F., Camassel, J., Schwedler, R., Fraisse, B., Smith, A.D. Optical properties of high quality strain-compensated InGaAs/InGaAs superlattices grown on InP 12403
Royo, F. *see* Malzac, J.P. 10713
Royo, J.F.Sanchez *see* Sanchez Royo, J.F.
Royset, A., Set, S.Y., Goncharenko, I.A., Laming, R.I. Transmission of <10 ps pulses over 318 km standard fibre using midspan spectral inversion 16827
Roytelman, I. *see* Grudinin, N. 50450
Royter, Y. *see* Wang, H. 55470
Roytman, E., Gotsman, C. Dynamic color quantization of video sequences 46132
Roytman, L.M. *see* Swamy, M.N.S. 4777
Rozanov, A. *see* Mouthuy, T. 59241
Rozanov, N.N. Method of moments for laser autosolitons with wavefront dislocations 14256
Rozanov, N.N. Interaction of a laser autosoliton with smooth inhomogeneities 55767
Rozanov, N.N., Fedorov, A.V., Fedorov, S.V. Numerical simulation of the interaction of a two-dimensional laser autosoliton with a cavity mirror edge 24212
Rozanov, N.N., Fedorov, S.V., Khodova, G.V. Pulsating and bound transversely unidimensional laser autosolitons 14398
Rozanska, M. *see* Miyata, H. 37384
Rozanska, M. *see* Senyo, K. 37386
Rozanski, L., Szostka, J. Microstrip antennas 4335
Rozanski, M. *see* Lastowiecki, J. 61118
Roze, L. *see* Bibas, S. 5978
Roze, L. *see* Bibas, S. 57905
Rozell, B.L. *see* Nicander, I. 49712
Rozelle, D. *see* Cordova, A. 27624
Rozelle, D.M. *see* Patterson, R.A. 27615
Rozen, J.R. *see* Kumar, S. 43781
Rozen, N. *see* Xiaowei Yang 47882
Rozenberg, A., Melville, W.K., Ritter, M. Laboratory study of the fine structure of breaking waves for scatterometry applications 18886

Rozenberg, A.D., Quigley, D.C., Kendall Melville, W. Laboratory study of polarized microwave scattering by surface waves at grazing incidence: the influence of long waves 18901
Rozenberg, B. *see* Zaslansky, R. 18403
Rozenblit, J.W. *see* Schulz, S. 51820
Rozenblit, J.W. *see* Simunic, T. 2777
Rozenblit, M. TMN security management standards in North America 35614
Rozenboom, J. The electronic ballast circuit and low pressure lamps 40916
Rozendaal, C.M. *see* Frenken, R.M.L. 19533
Rozenkrons, J., Timmermanis, K. Wind energy in Latvia–state of the art and problems 38671
Rozental, S. *see* Scott, C.J. 47405
Rozgonyi, G. *see* Bondarenko, I. 32083
Rozgonyi, G. *see* Raebiger, J. 1976
Rozgonyi, G.A. *see* Agarwal, A. 12163
Rozgonyi, G.A. *see* Kirk, H.R. 11777
Rozgonyi, G.A. *see* Kononchuk, O. 22517
Rozgonyi, G.A. *see* Sekiguchi, T. 31950
Rozhankovskii, Y.V. *see* Gornov, A.O. 20100
Rozhanskii, N.V., Lifshits, V.O. TEM study of silicide islands formation in reactions of thin films of metallic glasses with Si substrates 54529
Rozhkov, L. Design efficient FFT digital processor for electromagnetic fields 45920
Rozhkov, V.M. *see* Baranova, L.K. 19669
Rozhkov, V.M. *see* Voronetskii, E.V. 40924
Rozier, R. *see* Kiamilev, F. 33327
Rozier, R. *see* Kiamilev, F. 33336
Rozier, R.G., Kiamilev, F.E., Krishnamoorthy, A.V. Design and evaluation of a photonic FFT processor 33346
Rozier, R.G., Kiamilev, F.E., Krishnamoorthy, A.V. Design of a parallel photonic FFT processor 55354
Rozier, R.G. *see* Kiamilev, F.E. 55356
Rozier, R.G. *see* Krishnamoorthy, A.V. 33185
Rozlosnik, N., Sajo Bohus, L., Birattari, C., Gadioli, E., Biro, L.P., Havancsak, K. Direct observation of latent nuclear tracks in organic material by atomic force microscopy 59297
Rozlosnik, N. *see* Bohus, L.S. 59299
Rozman, J., Suhadolnik, A., Pipp, J. Selective recording of an information from peripheral nerves 37790
Rozman, M.G. *see* Yudson, V.I. 42217
Rozon, C.N. *see* Gravel, D.B. 4510
Rozov, A.E. *see* Voronina, T.I. 54146
Rozov, S. *see* Drobyshevski, E. 33892
Rozovskii, B.L. *see* Lototsky, S. 56474
Rozovskii, B.L. *see* Lototsky, S.V. 45825
Rozovskii, B.L. *see* Lototsky, S.V. 45827
Roztocil, J. *see* Pokorny, M. 11517
Rozycki, R. *see* Jozefowska, J. 21104
Rozzi, T., Morini, A., Ragusini, F., Mongiardo, M. Analytical solution and frequency extraction of iris problems in waveguide by separation of variables 45291
Rozzi, T., Pierantoni, L., Farina, M. Eigenvalue approach to the efficient determination of the hybrid and complex spectrum of inhomogeneous, closed waveguide 45323
Rozzi, T. *see* Cascio, L. 24531
Rozzi, T. *see* Farina, M. 31504
Ru Huang, Yang Yuan Wang, RuQi Han Analytical modeling for the collector current in SOI gate-controlled hybrid transistor 22751
Ru Qingxin *see* Qingxin Ru
Ru Shan Chen *see* Chen Ru Shan
Ru-Shan Ni *see* Ni Ru-Shan
Ruan, D. *see* Liu, Z. 29023
Ruan, G. *see* Niu, G.F. 2637
Ruan, G. *see* Niu, G.F. 12929
Ruan, G. *see* Niu, G.F. 32428
Ruan, G. *see* Niu, G.F. 32432
Ruan, Y.Z., Lin, J., Zhou, H.J., Liu, W.M. Radiation analysis of radome-covered phased arrays 34405
Ruan, Z. *see* Wang, R. 7232
Ruan Chengli *see* Chengli Ruan
Ruan Fu-Chang *see* Fu-Chang Ruan
Ruan Qiantu *see* Chen Chunlin 8816
Ruan Shunling *see* Sun Jinghua 20222
Ruan Xin-Chang *see* Xin-Chang Ruan
Ruan Xinchang *see* Zhu Chingming 6870
Ruan Yinglan, Xiang Qing, Huang Dexiu Bending-induced birefringence in single-mode fiber and its measurement 33044
Ruan Yingzheng *see* Yin Hongcheng 16850
Ruan Yingzheng *see* Zhang Yerong 58954
Ruan Yongshun *see* Zhang Zhonghua 17148
Ruan Yu *see* Cao Danhua 3352
Ruan Yu *see* Zhai Jinhui 4146
Ruan Yu *see* Yu Ruan
Ruano, M.G. *see* Cardoso, J.C.S. 7982
Ruas, V. Galkerkin-least-squares finite element methods for the three-field Stokes system in $\mathbf{R}^3$ 52572
Ruault, M.O. *see* Palard, M. 31757
Rub, K. *see* Rosche, J. 49583
Rubaai, A., Kankam, D.M. Adaptive real-time tracking controller for induction motor drives using neural designs 39272
Rubab, S., Chandra Kandpal, T. Financial evaluation of SPV lanterns for rural lighting in India 38969
Rubab, S. *see* Kumar, S. 9567
Rubahn, H.-G. *see* Muller, T. 24152
Ruban, A.A. *see* Anashkin, E.V. 37232
Ruban, A.A. *see* Barkov, L.M. 37486
Ruban, A.A. *see* Chertovskikh, A.G. 37490
Ruban, A.A. *see* Yudin, Yu.V. 37485
Ruban, A.I. *see* Vorobjov, G.S. 53561
Rubanov, A.S. *see* Ivanova, N.A. 44723
Rubanov, A.S. *see* Karpuk, S.M. 24296
Rubanov, A.S. *see* Karpuk, S.M. 44752
Rubbia, C. A high gain energy amplifier operated with fast neutrons 9041
Rubenstein, R.A. *see* Lenef, A. 27913
Ruberg, L.F., Moore, D.M., Taylor, C.D. Student participation, interaction, and regulation in a computer-mediated communication environment: a qualitative study 20565
Ruberto, C.Di *see* Di Ruberto, C.
Rubertone, F. *see* Guoqing Liu 8303
Rubertone, F. *see* Liu, G. 58440
Rubets, V.P. *see* Belyaev, A.P. 41922
Rubets, V.P. *see* Belyaev, A.P. 52616
Rubi, J.M. *see* Gomila, G. 31946
Rubi, J.M. *see* Gomila, G. 32070
Rubia, T.Diaz de la *see* Diaz de la Rubia, T.
Rubin, A. *see* Boyd, A. 103
Rubin, A.D. Extending NCP for protocols using public keys 46793
Rubin, B.J. Comparison of mesh and solid planes for use in electrical packaging 39823
Rubin, B.J. *see* Deutsch, A. 43289
Rubin, D. *see* Hartung, W. 49248
Rubin, G. *see* Shahidi, R. 18399
Rubin, H. *see* Zwolinski, M. 22032
Rubin, H. *see* Zwolinski, M. 41634
Rubin, I., Chang, K.K. Video quality control under cell-discarding algorithms in an ATM network supporting layer-encoded video streams 46649
Rubin, I., Chang, K.K. Voice quality control under dynamic encoding algorithms in ATM networks 46689
Rubin, I., Cheon Won Choi Impact of the location area structure on the performance of signaling channels of cellular wireless networks 6620
Rubin, I., Choi, C.W. Impact of the location area structure on the performance of signaling channels in wireless cellular networks 36031
Rubin, I., Wu, J.C.-H. Analysis of an FDDI network supporting stations with single-packet buffers 35511
Rubin, I. *see* Moghe, P. 46899
Rubin, I. *see* Moghe, P. 57560
Rubin, J. *see* Gary, C.K. 36602
Rubin, J.M. *see* Jian-Feng Chen 28092
Rubin, J.M. *see* Jian-Feng Chen 37721
Rubin, L. *see* Liu, J. 32134
Rubin, L.M. Application of path integrals in modeling transmission line loss 4303
Rubin, M.A. Issues in automatic target recognition from radar range profiles using fuzzy ARTMAP 58460
Rubin, M.E., Blank, H.R., Chin, M.A., Kroemer, H., Narayanamurti, V. Local conduction band offset of GaSb self assembled quantum dots on GaAs 42139
Rubin, M.E., Medeiros-Ribeiro, G., O'Shea, J.J., Chin, M.A., Lee, E.Y., Petroff, P.M., Narayanamurti, V. Imaging and spectroscopy of single InAs self-assembled quantum dots using ballistic electron emission microscopy 22345
Rubin, M.H. Transverse correlation in optical spontaneous parametric down-conversion 33730
Rubin, P. *see* Fang-Fang Yin 28159
Rubin, S., Bar, G., Cutts, R.W., Zawodzinski, T.A., Jr. New approach for gold and silver colloid monolayer preparation on modified surfaces 23441
Rubin, S. *see* Campbell, I.H. 22443
Rubin, S. *see* State, L. 30527
Rubinelli, F.A. *see* Rath, J.K. 39141
Rubinelli, F.A. *see* van Cleef, M.W.M. 39198
Rubini, S. *see* Bonard, J.-M. 54167
Rubini, S. *see* Heun, S. 22318
Rubini, S. *see* Pellegrini, V. 2577
Rubinina, N. *see* Volk, T. 44735
Rubino, A. *see* Cocorullo, G. 33088
Rubino, A. *see* Cocorullo, G. 33314
Rubino, G. *see* Parise, G. 38356
Rubinos-Lopez, J.O., Kildal, P.-S., Flodin, J., Elgered, G. S/X-band beam waveguide for the Onsala radio telescope 36299
Rubinov, A.N., Vitkin, A.E. Study of spectral dynamics of ultrashort pulses by the method of temporal holography 44774
Rubinov, A.N. *see* Katarkevich, V.M. 3706
Rubinov, A.N. *see* Katarkevich, V.M. 23762
Rubinov, P. *see* Amos, N. 37445
Rubinov, P. *see* Cremaldi, L. 59262
Rubinov, P. *see* Miyamoto, J. 59269
Rubinovich, I. *see* Harlev, E. 55331
Rubinraut, A.M. Prospects of electrical ship propulsion with superconducting motors 9659
Rubinraut, A.M., Burbayeva, N.V. Superconducting inductive energy storage device for improvement of the dynamic stability of an electric power system with synchronous load 29660
Rubinraut, A.M., Burbayeva, N.V. A superconducting inductive energy storage device for increasing the dynamic stability of a power system with a synchronous load 61106
Rubins, D.J. *see* Ting, J.W. 1189
Rubinsztein-Dunlop, H. *see* Barker, P. 28541
Rubinsztein-Dunlop, H. *see* Barker, P. 59088
Rubio, A. *see* Casalta, J.M. 41354
Rubio, A. *see* Segura, J. 2640
Rubio, A.J. *see* De La Torre, A. 24859
Rubio, F. *see* Gomez, P. 4620
Rubio, G. *see* Morera, J.L. 30641
Rubio, J.A. *see* Belmonte, A. 6803
Rubio, J.A. *see* Belmonte, A.M. 6864
Rubio, J.E. *see* Marques, L.A. 32163
Rubio, J.F. *see* Medina, O.M. 26551
Rubiola, E. *see* Costanzo, G.A. 27223
Rubiola, E. *see* De Marchi, A. 17190
Rubiolo, G.H., Benites, G.M. A universal rig for mechanical testing of thin specimens using a novel loading assembly controlled by computer 31027
Rubloff, G.W. *see* Chowdhury, A.I. 40612
Rubloff, G.W. *see* Lu, G.B. 20495
Rubner, R. *see* Ahne, H. 2555
Rubnov, M. *see* Lapsker, I. 2556
Rubovsky, A.E. *see* Kouzmin, V.S. 49871
Rubsam, R. *see* Abt, I. 7783
Rubtsova, N.N. *see* Vasilenko, L.S. 4058
Ruby, D. *see* Narasimha, S. 39202
Ruby, D.S., Wilbanks, W.L., Fleddermann, C.B., Rosenblum, M.D., Roncin, S., Narayanan, S. Optimization of plasma deposition and etching processes for commercial multicrystalline silicon solar cells 39023
Ruby, D.S. *see* Mitchell, R.L. 38652
Ruch, M., Spinosa, C., Marengo, J.A. Measurement of oxide layer thickness on Zircalloy-4 tubing 1003
Ruch, M. *see* Hamelin, J.I.A. 1004
Ruchang Lin *see* Lin Ruchang
Ruchhoeft, P. *see* Wolfe, J.C. 22711
Ruchti, R. *see* Adams, D. 59218
Ruchti, R.C. The use of scintillating fibers for charged-particle tracking 59212
Rucinski, R. *see* Smith, R.P. 49321
Ruck, B. *see* Oelze, B. 31211
Ruck, D. *see* Miao, J. 12284
Ruck, D.M., Schulz, J., Frank, W.F. Polymers with high temperature stability structured by ion irradiation: irradiation parameters and optical characterisation of resulting waveguides 23526
Ruck, D.W. *see* Colombi, J.M. 15129
Ruck, D.W. *see* Montera, D.A. 4985
Ruck, H. *see* Peterssen, B. 26071
Ruckdeschel, W. *see* Gerlach, M. 59879
Rucker, H.O., Macher, W., Manning, R., Ladreiter, H.P. Cassini model rheometry 17019
Rucker, W.M. *see* Huber, C.J. 44870
Ruckerbauer, F., Sprunck, M., Regulla, D.F. Numerical signal treatment for optimized alanine/ESR dosimetry in the therapy-level dose range 28479
Ruckh, M., Hariskos, D., Ruhle, U., Schock, H.W., Menner, R., Dimmler, B. Applications of ZnO in Cu(In,Ga)Se_2 solar cells 39071
Ruckh, M. *see* Dimmler, B. 39056
Ruckh, M. *see* Niemi, E. 39066
Ruckh, M. *see* Puech, K. 12308
Ruckh, M. *see* Puech, K. 39079
Ruckh, M. *see* Zott, S. 39069
Ruckser, G. *see* Gille, A. 16600
Rud, B. *see* Dyshel, D. 27739
Rud, L., Spivak, L. Eigenmode spectra and microwave power absorption resonances in waveguide-dielectric resonators 41411
Rud', L. *see* Kirilenko, A. 41409
Rud, V.Yu., Rud, Yu.V. Photoelectric properties of porous and single-crystal silicon heterocontacts 42079
Rud, V.Yu., Rud, Yu.V., Shpunt, V.Kh. Photovoltaic effect in a p-type $CuInSe_2$/green leaf heterojunction 51582
Rud, V.Yu. *see* Astrova, E.V. 44199
Rud, V.Yu. *see* Botnaryuk, V.M. 54144
Rud', V.Yu. *see* Lebedev, A.A. 12710
Rud', V.Yu. *see* Lebedev, A.A. 13797
Rud, V.Yu. *see* Lebedev, A.A. 42027
Rud, Yu.V. *see* Agekyan, V.F. 42028
Rud, Yu.V. *see* Astrova, E.V. 44199
Rud, Yu.V. *see* Astrova, E.V. 44220
Rud, Yu.V. *see* Bairamov, B.H. 3745
Rud, Yu.V. *see* Botnaryuk, V.M. 54144
Rud', Yu.V. *see* Lebedev, A.A. 12710
Rud', Yu.V. *see* Lebedev, A.A. 13797
Rud, Yu.V. *see* Lebedev, A.A. 42027
Rud, Yu.V. *see* Rud, V.Yu. 42079
Rud, Yu.V. *see* Rud, V.Yu. 51582
Ruda, H.E. *see* Koutzarov, I.P. 22585
Rudakov, T.N., Belyakov, A.V., Mikhaltsevich, V.T. A low-frequency instrument for remote nuclear quadrupole resonance experiments 58626
Rudakov, T.N., Shpilevoi, A.A., Sel'chikhin, O.P. Wideband transmitting equipment for NQR spectrometers 40869
Rudakova, E.V. *see* Voitylov, V.V. 58993
Rudan, M., Vecchi, M.C., von Schwerin, A., Schoenmaker, W., De Keersgieter, A., McCarthy, K., Mathewson, A., Klaassen, D.B.M., Otten, J.A.M., Jones, S.K., Metcalfe, J.G. Device modeling in the frame of Project ADEQUAT 12852
Rudan, M. *see* Colalongo, L. 58724
Rudan, M. *see* Lorenzini, M. 1374
Rudan, M. *see* Pellegrini, A. 2564
Rudan, M. *see* Valdinoci, M. 12140
Rudan, M. *see* Valdinoci, M. 54559
Rudant, J.-P. *see* Descombes, X. 27010
Rudari, C. *see* Pra, P.D. 40009

Rudberg, M.K., Wanhammar, L. An MPEG-2 video decoder DSP architecture 46477
Rudd, H. *see* Haber, I. 18026
Rudd, S. *see* Dorrian, L. 57748
Ruddell, M.J. *see* Kent, R.M. 20984
Rudder, R.A. *see* Humphreys, T.P. 41742
Ruddick, K. *see* Allison, W.W.M. 37269
Rude, P. A senior design experience 30040
Rudello, V. *see* Donolato, C. 39038
Ruden, P.P. *see* Fung, A.K. 32438
Ruden, P.P. *see* Kolnik, J. 12267
Ruden, P.P. *see* Van Hove, J.M. 52686
Rudenauer, F. *see* Torkar, K. 59857
Rudenko, A.N. *see* Barchuk, I.P. 32085
Rudenko, A.N. *see* Barchuk, I.P. 43259
Rudenko, E. *see* Belousov, I. 43739
Rudenko, K.V. *see* Baryshev, Yu.P. 32198
Rudenko, K.V. *see* Ershov, A.P. 12714
Rudenko, R.A. *see* Fedtchouk, A.P. 43221
Rudenko, T.E. *see* Barchuk, I.P. 32085
Rudenko, T.E. *see* Barchuk, I.P. 43259
Rudenko, V.T. *see* Abalin, S.S. 9042
Rudenok, P.V. *see* Andriiko, A.A. 29582
Ruderman, A. Theoretical study of motor PWM induced iron losses mechanism 61218
Rudge, A. *see* Bauer, C. 37326
Rudge, A. *see* Bauer, C. 37378
Rudge, A. *see* Weilhammer, P. 37381
Rudic, N.P. *see* Jones, W.L. 50056
Rudich, S. *see* Fischer, M.J. 16114
Rudin, C. *see* Hartmann, G.K. 8419
Rudin, H. *see* Courtiat, J.-P. 5851
Rudin, L. *see* Guichard, F. 56944
Rudin, S. *see* Kezerashvili, M. 37758
Rudin, S. *see* Kezerashvili, M. 59847
Rudin, S. *see* Valvo, M. 20190
Rudischhauser, S. *see* Desel, T. 59590
Rudkevich, D.M. *see* Wroblewski, W. 48436
Rudkowska, G. *see* Ciureanu, P. 3153
Rudkowska, G. *see* Rudkowski, P. 23313
Rudkowski, P., Ciureanu, P., Rudkowska, G., Britel, M., Menard, D., Stroem-Olsen, J.O., Yelon, A. Anisotropic magnetoresistance and giant magnetoimpedance effects in soft magnetic fibers 23313
Rudkowski, P. *see* Atalay, S. 3031
Rudkowski, P. *see* Ciureanu, P. 3153
Rudlin, J.R. Reliability of inspection for fatigue cracks in offshore structures 31008
Rudloff, R.B., Orozco, R.M. Recent advances in digital oscilloscopes: hyperspeed 7493
Rudman, B.L., Chandler, C. A hybrid technology: static dissipative/VCI films 20882
Rudman, D.A. *see* Li, H.Q. 3281
Rudman, M. *see* Lieberman, K. 22696
Rudmocl, E.M., Patel, J.H. Overcoming the serial logic simulation bottleneck in parallel fault simulation 53185
Rudner, S. *see* Gevorgian, S. 11755
Rudnick, E.M., Patel, J.H. Simulation-based techniques for dynamic test sequence compaction 11340
Rudnick, E.M., Patel, J.H., Pomeranz, I. On potential fault detection in sequential circuits 41036
Rudnick, E.M. *see* Graham, C.R. 53191
Rudnick, E.M. *see* Hsu, F.F. 1088
Rudnick, E.M. *see* Hsu, F.F. 11354
Rudnick, E.M. *see* Hungse Cha 11240
Rudnick, E.M. *see* Krishnaswamy, D. 53182
Rudnick, E.M. *see* Tzuhao Chen 23004
Rudnick, H., Varela, R., Hogan, W. Evaluation of alternatives for power system coordination and pooling in a competitive environment 60294
Rudnitskaya, A.M. *see* Di Natale, C. 27463
Rudnitskaya, A.M. *see* Legin, A.V. 27459
Rudnitsky, A. *see* Titov, A. 45031
Rudnitsky, Yu.P. *see* Burtsev, A.V. 3771
Rudokas, R. Capacity losses in sector and microcell cellular systems 47618
Rudokas, R., Benz, T. Is it time to rethink frequency reuse formulas? 58165
Rudolf, D. FPGA implementation of a fast serial data accumulator 11300
Rudolf, D. *see* Biddle, A. 26157
Rudolf, M. *see* Rousar, I. 9542
Rudolph, G., Sprave, J. Significance of locality and selection pressure in the grand deluge evolutionary algorithm 10393
Rudolph, H. *see* Bieser, F. 59307
Rudolph, J. *see* Mounier, H. 56083
Rudolph, P., Koh, H.J., Schaefer, N., Fukuda, T. The crystal perfection depends on the superheating of the mother phase too-experimental facts and speculations on the "melt structure" of semiconductor compounds 10635
Rudolph, P., Neubert, M., Arulkumaran, S., Seifert, M. Vapour pressure controlled Czochralski (VCZ) growth–a method to produce electronic materials with low dislocation density 52595
Rudolph, S. *see* Wiesmann, R. 13681
Rudolph, W., Sheik-Bahae, M., Bernstein, A., Lester, L.F. Femtosecond autocorrelation measurements based on two-photon photoconductivity in ZnSe 55389
Rudolph, W. *see* Nicholson, J.W. 33372
Rudolph, W. *see* Nicholson, J.W. 33385
Rudolph, W. *see* Phipps, S.P. 13927
Rudolph, W. *see* Zeller, J. 23765
Rudolphi, A.Kassman *see* Kassman Rudolphi, A.
Rudra, A. *see* Boudjani, A. 31998
Rudra, A. *see* Monnard, R. 33118
Rudra, A.M. *see* Bhar, G.C. 44629
Rudrigue, A. *see* Stephan, R. 61374
Rudshtein, A., Lindenbaum, M. Quantifying the reliability of feature-based object recognition 5049
Rudy, Y. Modeling cardiac ventricular cells 49724
Rudy, Y. *see* Oster, H.S. 28356
Rudyi, I.V. *see* Pavlova, V.A. 58828
Rudziak, M.K., Seuntjens, J.M., Wong, T., Wong, J. Application of the Supercon APC process to Nb-Ti-Ta ternary conductors 55094
Rue, F., Bijaoui, A. A pyramidal vision model applied to astronomical images 25600
Rue, F. *see* Bijaoui, A. 16903
Rue, R.A.La *see* La Rue, R.A.
Rue, R.M.De la *see* De la Rue, R.M.
Rue, R.W. Educating engineers for the market place 20724
Rueb, M. *see* Herre, O. 32121
Ruebenacke, S. *see* Reimann, K. 22227
Rueber, B. *see* Kellner, A. 46972
Ruebush, M.H. *see* Zutavern, F.J. 49073
Rueda, A. An approach to quality of service control in telecommunication networks 16005
Rueda, A., Kinsner, W. A survey of traffic characterization techniques in telecommunication networks 16002
Rueda, M.Vazquez *see* Vazquez Rueda, M.
Ruedi, P.-F., Marchal, P.R., Arreguit, X. A mixed digital-analog SIMD chip tailored for image perception 53467
Ruedisueli, R.L. *see* Sandwith, C.J. 35895
Rueffer, R., Chumakov, A. Quasi-elastic and inelastic scattering using nuclear resonance techniques 7844
Rueffer, R. *see* Chumakov, A.I. 37547
Ruegge, T. *see* Boëtschi, J. 11953
Ruehli, A. Partial element equivalent circuit (PEEC) method and its application in the frequency and time domain 44875
Ruehli, A. *see* Pinello, W. 33821
Ruehli, A.E., Pinello, W.P., Cangellaris, A.C. Comparison of differential and common mode response for short transmission line using PEEC models 45285
Ruei-Chang Lu, Yu-Pin Liao, Han-Bin Lin, Way-Seen Wang Design and fabrication of wide-angle abrupt bends on lithium niobate 44009
Ruei-Zong Hwang *see* Shyue-Kung Lu 31229
Ruelle, N. *see* Landeau, T. 50048
Ruelle, O. Operations management system for continuous flow manufacturing 30166
Ruelle, O. *see* Boebel, F.G. 32543
Rueschmann, G.W. *see* Bieser, F. 59307
Ruess, H. Hierarchical verification of two-dimensional high-speed multiplication in PVS: a case study 31247
Ruess, K. *see* Richter, H. 53826
Ruey Shing Huang *see* Chee Yee Kwok 36541
Ruey-Beei Wu *see* Chien-Wen Chiu 56084
Ruey-Chang Hsu *see* Horiuchi, H. 35637
Ruey-Ching Shyu, Jhing-Fa Wang, Chaug-Ching Huang, Chung-Hsien Wu, Jau-Yien Lee A vowel-driven connected Mandarin digit recognition system 15111
Ruey-Feng Chang *see* Chin-Chen Chang 15695
Ruey-Ling Chang *see* Jau-Ho Jean 40676
Ruey-Shan Guo, Cheng-Kai Tsai, Jian-Huei Lee, Shi-Chung Chang Intelligent process diagnosis based on end-of-line electrical test data 20828
Ruey-Shan Guo *see* Jr-Min Fan 43176
Ruey-Shi Chu, Kuan Min Lee, Wang, A.T.S. Multiband phased-array antenna with interleaved tapered-elements and waveguide radiators 34456
Ruey-Shi Chu *see* Wang, A.T.S. 34418
Ruey-Shiung Lin *see* Lin Ruey-Shiung
Ruey-Wen Liu, Guojie Dong A fundamental theorem for multiple-channel blind equalization 56244
Ruey-Wen Liu *see* Dong, G. 5679
Ruey-Wen Liu *see* Guojie Dong 4863
Ruf, C.S., Beus, S.E. Retrieval of tropospheric water vapor scale height from horizontal turbulence structure 50057
Ruf, C.S. *see* Bobak, J.P. 8443
Ruf, C.S. *see* Cruz Pol, S.L. 4256
Ruf, J. *see* Crombach, V.U. 60271
Ruf, K. *see* Massi, M. 48194
Ruf, M. *see* Spahlinger, G. 27625
Ruf, T. *see* Orange, C. 31853
Rufang Zhou *see* Zhou Rufang
Rufenach, C.L. *see* Wackerman, C.C. 18844
Rufer, A.-Ch., Andrianirina, Ch.-B. A symmetrical 3 phase-2 switch PFC-power supply for variable output voltage 60876
Ruff, A.W., Kreider, K.G. Deposited thin-film wear sensors: materials and design 52900
Ruff, A.W. *see* Kreider, K.G. 40706
Ruff, D.L. *see* Karady, G.G. 8930
Ruff, L.E. *see* Fidan, I. 22049
Ruff, M., Grotstollen, H. Off-line identification of the electrical parameters of an industrial servo drive system 29697
Ruff, W.C. *see* Stann, B.L. 19022
Ruffatto, D. *see* Kovacs, M. 8676
Ruffin, M.M. *see* Crewe, D.A. 22189
Ruffin, P., Sawyer, J., Sung, C.C., Bush, J. Progress in miniaturizing fiber optic gyroscope components for tactical weapon systems 28698
Ruffing, K. Cordless links to the future 47747
Ruffini, A., Strumia, F., Tommasi, O. Space charge effects and electronic bistability 31693
Ruffins, T.R. *see* Shreve, K.P. 39030
Ruffles, P.R. Information technology and buildings. Lighting of IT work places 39371
Rufitsky, M.V. Training of bachelors in microelectronics in the Vladimir State Technical University 9883
Rufus, I.B., Ramakrishnan, V., Viswanathan, B., Kuriacose, J.C. Interface and surface analysis of Ru/CdS 2236
Rugar, D. *see* Chui, B.W. 2862
Rugar, D. *see* Terris, B.D. 22629
Rugelj, J. Computer network services for education in Slovenia 6254
Rugelj, J., Klavzar, S. Distributed multicast routing in point-to-point networks 57673
Rugg, B. Pilot assembly results with a BGA chip scale package 20868
Ruggera, P.S. *see* Casamento, J.P. 37886
Ruggeri, G. *see* Bonfiglio, A. 58886
Ruggeri, S. *see* Bathelon, L. 36147
Ruggiere, C., Sacile, R. Using artificial neural nets to identify ductus arteriosus status in preterm infants 49376
Ruggieri, M. A cost-to-benefit frequency function for wideband wireless LANs 47132
Ruggieri, M., Graziosi, F., Paladin, G., Santucci, F. A handover algorithm for DS-CDMA mobile networks in a urban microcellular environment 47654
Ruggiero, A. *see* Chattopadhyay, S. 7691
Ruggiero, A.G. A muon collider scenario based on stochastic cooling 7735
Ruggiero, B. *see* Sarnelli, E. 32923
Ruggiero, C. *see* Sacile, R. 18489
Ruggiero, F. Measurements of dynamic aperture in LEP 7741
Ruggiero, F. Single-beam collective effects in the LHC 17951
Ruggles, A.E. *see* McDuffee, J.L. 50717
Ruggles, L.E. *see* Spielman, R.B. 37566
Ruh Hyun *see* Hyun Ruh
Ruha, A., Sallinen, S., Nissila, S. A real-time microprocessor QRS detector system with a 1-ms timing accuracy for the measurement of ambulatory HRV 37805
Ruha, A. *see* Mantyniemi, A. 53361
Ruhe, J. *see* Schuler, R. 60681
Ruhisaari, T. *see* Ronkainen, H. 53713
Ruhl, G. *see* Barthel, K.U. 56752
Ruhl, G. *see* Heising, G. 57276
Ruhl, J.E. *see* Fixsen, D.J. 17008
Ruhl, M. *see* Saupe, D. 56739
Ruhle, M. *see* Schroer, E. 22211
Ruhle, R. *see* Buckner, W.F. 28910
Ruhle, U. *see* Dimmler, B. 39056
Ruhle, U. *see* Ruckh, M. 39071
Ruhle, W.W. *see* Berger, J.D. 44527
Ruhle, W.W. *see* Mariette, H. 12721
Ruhle, W.W. *see* Okumura, H. 31855
Ruhlia, V. *see* Bondarionok, E. 31787
Ruhlicke, T. *see* Falk, T. 43353
Ruhmann, R. *see* Nordmann, I. 52858
Ruhrnschopf, K., Borgmann, D., Wedler, G. Interaction of oxygen with the system Si(100)/Fe(film) 54429
Ruhua Wang *see* Wang Ruhua
Rui, H.X. Nonoverlapping domain decomposition method with mixed element for elliptic problems 640
Rui Hu Yan *see* Hu Yan Rui
Rui Jin *see* Wansheng Tang 21099
Rui Wang *see* Haifang Liao 40784
Rui Wang *see* Wang Rui
Rui Yong *see* Yong Rui
Rui Zhang *see* Zhang Rui
Rui-Gao Jia, Jin-Song Wang, Guan-Ping Feng Temperature coefficient of sensitivity dependence of the measurement error of quartz crystal resonators 13347
Rui-Hua Wang *see* Wang Rui-Hua
Ruibao Tao *see* Lei Zhou 43689
Ruibao Tao *see* Ning Xie 32827
Ruibao Tao *see* Tao Ruibao
Ruibo Lu, Keshu Xu, Juhua Zhong, Zhaokui Zhang, Haiming Wu, Zuhong Lu The characteristics of phthalocyanine LB films aligned LC cells 55316
Ruichang Yang *see* Yang Ruichang
Ruifeng Qin *see* Rahman, M.A. 39324
Ruifeng Qin *see* Rahman, M.A. 51745
Ruifu Luo *see* Luo Ruifu
Ruigrok, J.J.M. *see* Roozeboom, F. 23370
Ruigrok, R., Adhikari, P., Stieger, R. Preliminary tracking performance of the STRV-2 lasercom transceiver 6794
Ruijs, S.H.J. *see* Heerschap, A. 49465
Ruijun Ding *see* Ding Ruijun
RuiKang Wang *see* Lin Shang 33218
Ruikang Yang, Haavisto, P. An improved noise compensation algorithm for speech recognition in noise 15123
Ruike, M. *see* Fujita, S. 43541
Ruikka, V. *see* Huotari, M. 27692
Ruikka, V. *see* Huotari, M. 27695
Ruile, W. *see* Holm, A. 55015
Ruile, W. *see* Rotter, M. 55339
Ruilin Zhao, Mark, R.G., Szolovits, P. A model-based expert system for interpretation of hemodynamic data from ICU patients 49747

Ruimin Liu, Hengji Liu, Shouqing Xue, Zhonghua Zhang The results of γ_p' (hi) and γ_p' (lo) determination based on $R_{K\text{-}90}$ and $K_{J\text{-}90}$ at NIM 27202
Ruiping Wang, Shun Wu, Williams, B., Dyer, T., Ramani, N. Evaluating cleanroom supplies for contamination free manufacturing 52148
Ruiquan Jiang *see* Jiang Ruiquan
Ruis, J.M., Carpintero, C.P., Cardama, A., Mosig, J.R. Frequency extrapolation in the integral equation MEI 14552
Ruisen Lin *see* Lin Ruisen
Ruiwu Peng *see* Peng Ruiwu
Ruixi Yuan *see* Raychaudhuri, D. 26517
Ruixin Wu, Min Qian A simplified power transmission method used for measuring the complex conductivity of superconducting thin films 36868
Ruixin Wu *see* Wu Ruixin
Ruiying Hu *see* Hu Ruiying
Ruiz, A., Martinez, A., Aracil, J., Ruiz, F.J. Data integration in a IS-95 CDMA system 26540
Ruiz, A. *see* Gorritti, E. 47121
Ruiz, F.J. *see* Ruiz, A. 26540
Ruiz, J. *see* Aramendi, E. 8973
Ruiz, J. *see* Leturiondo, L. 8974
Ruiz, J.A., Ortega, F. Changing the simulator's steam generator 8723
Ruiz, J.A. *see* Smith, I.W. 23718
Ruiz, J.L., Torroja, Y., Garcia, J.L. Design of a VME parameterized library for FPGAs 11435
Ruiz, J.M. *see* Navarro, J. 30396
Ruiz, L., Fischer, N., Decotignie, J.D. Hard real-time communication software development techniques 6262
Ruiz, M. *see* Laguna, P. 49686
Ruiz, O. *see* Reiley, T.C. 3212
Ruiz, O.J. *see* Kan, T. 23357
Ruiz, R., Absil, E., Harmegnies, B., Legros, C., Poch, D. Time- and spectrum-related variabilities in stressed speech under laboratory and real conditions 24827
Ruiz, R. *see* Faiget, L. 15241
Ruiz, R.P. *see* Shalish, I. 32060
Ruiz, R.P. *see* Sun, X. 42651
Ruiz, S.B. *see* Foos, J.S. 28080
Ruiz, X. *see* Manuel, A. 1123
Ruiz, X. *see* Sole, R. 682
Ruiz, X. *see* Sole, R. 3177
Ruiz, X. *see* Sole, R. 10602
Ruiz de Angulo, L. *see* Martinez, N. 3101
Ruiz Gonzalez, J.M. *see* Dominguez Vazquez, J.A. 51235
Ruiz-Gazen, A. *see* Croux, C. 435
Ruiz-Medina, M.D. *see* Angulo, J.M. 385
Ruiz-Merino, F.J. Methods to improve performances of the self-driven synchronous rectification technique 51293
Ruiz-Salvador, A.Rabdel *see* Rabdel Ruiz-Salvador, A.
Ruizhong Cai *see* Cai Ruizhong
Ruizhong Wang *see* Xinhui Zhang 2184
Rujijanagul, G. *see* Tunkasiri, T. 2894
Rujing Zhou *see* Shijie Cheng 60309
Rujula, A.A.Bayod *see* Bayod Rujula, A.A.
Rujun Chen *see* Chen Rujun
Rukat, M. *see* Koczara, W. 50463
Rukavina, J. *see* Kelly, J.P. 39835
Rukavina, J.P. *see* Reick, G.G. 41659
Rukhadze, N. *see* Vylov, T. 7833
Rukhin, A.L., Vajda, I. The error probability, entropy, and equivocation when the number of input messages increases 24621
Rukovishnikov, A.I. *see* Polyakov, V.I. 54268
Rukwied, A. *see* Becker, K. 61239
Rule, G. New manufacturing methods for the production of high density thin multilayer using ultra thin laminates 11956
Rule, J.E. *see* Fells, J.A.J. 50258
Rule, W.K. *see* Sudhakar, B. 927
Rulev, G.B. *see* Ivanov, V.V. 9717
Rulikovska-Zarebska, E. *see* Bednarek, B. 28018
Rullier, J.L. *see* Gardelle, J. 7717
Rulliere, C. *see* Jonusauskas, G. 55821
Rullman, G. *see* Diedrickson, N. 49934
Rulnick, J.M., Bambos, N. Performance evaluation of power-managed mobile communication devices 6610
Rumberg, A. *see* Kurpas, P. 40347
Rumen Qiu *see* Xizhang Luo 44348
Rummel, S. *see* Emery, K. 39169
Rummel, S.R. *see* McMahon, T.J. 39173
Rummel, T. *see* Mecke, R. 60397
Rump, S.M. Expansion and estimation of the range of nonlinear functions 10479
Rumpel, D., Kempinski, W., Litzinger, A. Transparent data and automatic user-interface design for power-system control and simulation 19218
Rumpel, M. Status and prospects of combined heat and power in Germany 38589
Rumpenhorst, D. *see* Gross, W. 16196
Rumpler, W., Liess, H.-D. Photopyroelectric detection of gases and vapours in polymers 48718
Rumsby, P.T. *see* Rizvi, N.H. 2540
Rumsewicz, M. *see* Airiyan, H. 26286
Rumsewicz, M. *see* Kihl, M. 26327
Rumsewicz, M. *see* Northcote, B. 46539
Rumsewicz, M.P. Node control issues in evolving telecommunications networks 26326
Rumsewicz, U. *see* McMillan, D. 26282
Rumsey, H.A. *see* Ladd, E.R. 20504
Rumyantsev, S.L. *see* Levinshtein, M.E. 31890
Rumyantsev, V.D. *see* Andreev, V.M. 38014
Rumyantsev, V.D. *see* Andreev, V.M. 39040
Rumyantsev, V.D. *see* Grilikhes, V.A. 38015
Rumyantsev, Yu.M. *see* Fainer, N.I. 40546
Rumyantseva, M.N., Labeau, M., Senateur, J.P., Delabouglise, G., Boulova, M.N., Gaskov, A.M. Influence of copper on sensor properties of tin dioxide films in H_2S 36739
Run-Shan Chen Effects of the antenna footprint size on radar sea clutter 16839
Run-Zhou Su *see* Xian-An Cao 32369
Runalls, R. *see* Harrison, M.J. 9036
Runciman, H.M. Scanning systems for IR sensors 7399
Runde, M., Aurud, T., Ljokelsoy, K., Lundgaard, L.E., Nokleby, J.E., Skyberg, B. Risk assessment basis of moving particles in gas insulated substations 51426
Runde, M., Ottesen, G.E., Skyberg, B., Ohlen, M. Vibration analysis for diagnostic testing of circuit-breakers 9432
Rundell, A.E., Drakunov, S., DeCarlo, R.A. Rotational motion stabilization for a vertical shaft magnetic bearing with a sliding mode controller and observer 3264
Rundquist, A., Christov, I., Chang, Z., Zhou, J., Peatross, J., Murnane, M.M., Kapteyn, H.C. Enhanced high-harmonic emission with 25-fs laser pulses 4030
Rundquist, A. *see* Taft, G. 55588
Rundquist, D.E. *see* Arlt, R. 37350
Rung-Chiung Yang *see* Hsin-Min Wang 34700
Rungaldier, H. *see* Lee, P.H.Y. 18885
Rungaldier, H. *see* Lee, P.H.Y. 18889
Runge, B. Influence of the slot clearance between bar and core lamination on the heat-transfer-coefficient and the temperature field of noncalked rotor-bars 38740
Runge, H. The German Processing and Archiving Facility for X-SAR 27037
Runge, K. *see* Fiederle, M. 37321
Runge, K. *see* Lauxtermann, S. 7829
Runge, K. *see* Rogalla, M. 32358
Runge, K. *see* Yu, R. 36181
Runger, G. *see* Rauber, T. 10504
Runggaldier, W.J. *see* Pra, P.D. 40009
Runggeratigul, S. *see* Mase, K. 46812
Rungis, J. *see* Sheehy, R.C. 9176
Runguang Sun, Junbiao Peng, Kobayashi, T., Yuguang Ma, Waifeng Zhang, Shiyong Liu Plasma polymerization for the deposition of an electroluminescent polymer layer 10961
Runhe Huang, Jianhua Ma, Kunii, T.L., Tsuboi, E. Parallel genetic algorithms for communication network design 46805
Runions, J. *see* Kamath, M.V. 37836
Runkel, F. *see* Riege, S.P. 22338
Runkel, M. *see* Sheehan, L. 3956
Runnacles, B.S., Nixon, M.S. Texture extraction and segmentation via statistical geometric features 57504
Runnalls, A., Sirlantzis, K. Low-observable maritime tracking using Monte Carlo Markov chain methods 27106
Runnels, S.R. Advances in physically based erosion simulators for CMP 2779
Runolfsson, O. Quality assurance and testing before, during, and after construction of semiconductor tracking detectors 37396
Runov, V.V. *see* Grigoriev, S.V. 37094
Runser, C. *see* Stahelin, M. 14302
Runsheng Duan *see* Duan Runsheng
Runsheng Liu *see* Liu Runsheng
Runstadler, P.W. *see* Sathyamurthy, P. 266
Runtao Ye *see* Ye Runtao
Runtz, K. *see* Mason, R. 10044
Runwei Cheng, Tosawa, T., Gen, M., Kato, H., Takayama, Y. AE behaviors evaluation with BP neural network 1001
Runwen Wang *see* Wang Runwen
Runyon, J.P. *see* Bankapur, R.J. 16431
Ruo-Hua Zhang *see* Zhang Ruo-Hua
Ruofeng Tong *see* Tong Ruofeng
Ruoff, R.S. *see* Moro, L. 42031
Ruoso, G., Storz, R., Seel, S., Schiller, S., Mlynek, J. Nd:YAG laser frequency stabilization to a supercavity at the 0.1 Hz level 14058
Ruoso, G. *see* Storz, R. 3806
Ruoso, G. *see* Storz, R. 24048
Ruoss, H.-O., Landstorfer, F.M. New conformal antenna concepts for hand-held telephones with significantly reduced interaction with the user 47829
Ruoss, H.-O., Landstorfer, F.M. Measurement techniques for characterising antennas of hand-held mobile telephones considering the user's influence 47832
Ruotanen, L.H., Hujanen, A. Experimental verification of physical conditions restricting chiral material parameters 34155
Ruotsalainen, T. *see* Makynen, A. 27583
Ruowen Rong, Lowther, D.A., Malik, Z., Hua Su, Nelder, J., Spence, R. Applying response surface methodology in the design and optimization of electromagnetic devices 44972
Ruoxu Wang *see* Wang Ruoxu
Ruozhen Wang *see* Wang Ruozhen
Rup, R. *see* Dawar, A.L. 32970
Rupawalla, M. *see* Derr, M. 5916
Rupf, W. *see* Fenninger, H. 19145
Rupich, M.W. *see* Li, Q. 43766
Rupnow, J.W. *see* McGuire, K. 32200
Rupp, G. *see* Van den Berg, H.A.M. 43669
Rupp, J. Advanced design of DC arc furnaces 51848
Rupp, M. Saving complexity of modified filtered-X-LMS and delayed update LMS algorithms 21133
Rupp, M., Sayed, A.F. Modified FxLMS algorithms with improved convergence performance 4905
Rupp, R. *see* Courtney, C. 4297
Rupp, R. *see* Odoulov, S. 3311
Rupp, R.A. *see* Odoulov, S.G. 4105
Rupp, R.A. *see* Sugg, B. 14443
Rupp, R.A. *see* Woike, T. 4099
Rupp, T., Eisele, I., Gravesteijn, D.J. Strain relaxation and self-organizing MBE-growth of local SiGe-structures 2085
Rupp, W. *see* Rogoff, R. 2501
Ruppel, C. *see* Schmidt, F. 13383
Ruppel, M. *see* Gierull, C. 16967
Ruppel, W. *see* Gross, B. 57720
Ruppert, D., Verma, N., Hartigan, G. Design and optimization of fab facility gas distribution 12607
Ruppert, G.S., Schardt, M., Balzuweit, G. Remote sensing: land use classification using Neural Gas 28681
Ruprecht, R., Kalb, H., Kowanz, B., Bacher, W. Molding of LIGA microstructures from fluorinated polymers 30988
Ruprecht, R. *see* Both, A. 54832
Ruqi Han *see* Jinfeng Kang 32957
RuQi Han *see* Ru Huang 22751
Ruqi Han *see* Han Ruqi
Ruqi Zhou *see* Zhou Ruqi
Ruquan Zhang *see* Zhang Ruquan
Ruren Xu *see* Tang, Z.K. 22334
Rus, B. *see* MacPhee, A.G. 13967
Rusack, R. *see* Alexeev, G. 59200
Rusak, T.F. *see* Enisherlova, K.L. 54384
Rusakov, A.I. Testing the hypothesis on the distribution of the state vector of a system in regression experiments under multicollinearity conditions 431
Rusakov, A.I., Semenov, A.A., Voronin, A.V. Controlling the location of the channel of an arc discharge in vacuum-arc devices 23195
Rusakov, A.I. *see* Alekseev, I.V. 6245
Rusakovich, N.L. *see* Batusov, V.Yu. 28027
Rusakovskii, A.M. *see* Tubis, Ya.B. 60665
Rusakovskii, A.M. *see* Tubis, Ya.B. 61220
Rusanov, V. *see* Blaskov, V. 32820
Rusanovsky, V.I. *see* Pershenkov, V.S. 22471
Rusch, A. *see* Bertagnolli, E. 2796
Rusch, J.J. *see* Put, P.L.M. 43915
Rusch, L.A. *see* Ayadi, F. 26855
Rusch, R.J. Future applications of millimeter waves for space communications 47853
Ruschewitz, F. *see* Bettermann, D. 7138
Ruschewitz, F. *see* Bettermann, D. 27228
Ruschin, S. *see* Brooks, D. 44008
Ruschin, S. *see* Finkelstein, I. 33391
Ruschioni, R.A. *see* Faria, R.R.A. 27197
Ruseckas, R. *see* Bauer, J.U. 49603
Ruseckas, R. *see* Korsakas, S. 49662
Rusek, A., Carlen, E. Simulation versus reality in electronic circuit software 52940
Rusek, A., Witt, H., Margossian, R. Simulation and modeling of metal plane ground connections 40790
Rush, C. *see* Kagan, H. 37508
Rush, C. *see* Shipsey, I. 59232
Rush, C. *see* Spencer, M.B. 59274
Rush, D.W. *see* Barbier, P.R. 6787
Rush, J. *see* Jones, C. 44307
Rush, J.D. *see* Barnes, N.M. 49805
Rushforth, C.K. *see* Nasiri-Kenari, M. 4527
Rushforth, C.K. *see* Nasiri-Kenari, M. 14834
Rushun Hou *see* Hou Rushun
Rushworth, S. *see* Roberts, V. 10803
Rushworth, S. *see* Taudt, W. 40588
Rushworth, S.A. *see* Smith, L.M. 21238
Rusina, V. *see* Ondris, L. 59082
Rusina, V. *see* Ondris, L. 60500
Rusinek, H. *see* Abele, M.G. 3236
Ruske, G. *see* Pfau, T. 34665
Ruske, G. *see* Wolfertstetter, F. 15061
Ruske, J.-P. *see* Rottschalk, M. 33099
Ruskell, T.G. *see* Pyle, J.L. 40507
Rusman, I. *see* Kaplan, L. 41991
Rusnak, B. *see* Garnett, R.W. 17896
Rusnak, B. *see* Lawrence, G. 49177
Russ, B.E., Talbot, J.B., Sluzky, E. A study of the variables affecting adhesion strength of electrophoretically deposited phosphors 13827
Russ, C., Verhaege, K., Bock, K., Roussel, P.J., Groeseneken, G., Maes, H.E. A compact model for the grounded-gate nMOS behaviour under CDM ESD stress 22832
Russ, C. *see* Verhaege, K. 24339
Russ, J. Advances in lesson automation for simulator instructor stations 30075
Russ, P. Physical design and analysis move earlier in the design cycle 22021
Russa, F. *see* Giordano, S. 6330
Russak, M.A., Kimmal, J.M., Lal, B.B. Technology roadmap for thin film magnetic media 43683
Russak, M.A. *see* Chao, J.L. 32833
Russek, S.E. *see* Cross, R.W. 13473
Russel, A. *see* Boves, L. 45682
Russel, A. *see* Potjer, J. 46970
Russel, S.D. *see* Winton, M.J. 22546

Russell, A. CDMA PCS architecture considerations for antenna remoting over fiber 47660
Russell, B., Hillman, D. Developing new tests [PCB testing] 41652
Russell, B.D. *see* Aucoin, B.M. 19371
Russell, B.D. *see* Short, S.X. 7393
Russell, C.A., Irons, J.R., Dabney, P.W. Estimating hemispherical reflectance and selected biophysical parameters for boreal forest canopies using spectral bidirectional reflectance data acquired by ASAS 8298
Russell, D.A. Concentrating on solutions [process bath maintenance in PC fabrication] 41641
Russell, D.R., Hopper, R.D. Planning aims for broadcasters' networks to optimise nonlinear production systems and equipment 36311
Russell, G. *see* Cappiello, M.W. 18063
Russell, G. *see* Lee, Y.-H. 52981
Russell, G.J., Todosow, M., Ferguson, P.D., Kidman, R.B., Pitcher, E.J. Accelerator-driven targets: understanding and analyzing the spallation process 18062
Russell, H.B. *see* Martin, R.D. 60140
Russell, H.B. *see* Pursley, M.B. 58150
Russell, I.A.D., Webb, P.W. Automatic time step control in TLM diffusion modelling for problems with time-varying load conditions 45273
Russell, J. *see* Abe, K. 59233
Russell, J. *see* Placido, F. 3562
Russell, L., Wolfson, O., Yu, C. Information flow in the DAMA project beyond database managers: information flow managers 57925
Russell, L. *see* Kessler, J. 39068
Russell, L. *see* Kessler, J. 39094
Russell, L.B. *see* Corcoran, W.R. 38535
Russell, M., Marinilli, A., Green, L., Preiss, J., Jain, F. Photonically controlled, wavelength division multiplexing (WDM) active array 24586
Russell, M.C., Hoffner, J. PV-friendly pricing: the commercialization of grid-tied PV systems by electric utilities 50850
Russell, M.J., Holmes, W.J. Linear trajectory segmental HMMs 45665
Russell, M.J. *see* Holmes, W.J. 15032
Russell, M.J. *see* Tomlinson, M.J. 14990
Russell, N.M. *see* Dadap, J.I. 24259
Russell, P.C. *see* Jones, G.R. 5189
Russell, P.E. *see* Stark, T.J. 22724
Russell, P.E. *see* Thaus, D.M. 23049
Russell, P.S.J. *see* Amin, J. 24150
Russell, P.S.J. *see* Culverhouse, D.O. 13746
Russell, P.S.J. *see* Culverhouse, D.O. 23648
Russell, P.S.J. *see* Dong, L. 16698
Russell, P.S.J. *see* Liu, W.F. 16682
Russell, P.St.J. *see* Birks, T.A. 3501
Russell, P.St.J. *see* Culverhouse, D.O. 13631
Russell, P.St.J. *see* Culverhouse, D.O. 14012
Russell, P.St.J. *see* Culverhouse, D.O. 36128
Russell, P.St.J. *see* Kazansky, P.G. 13629
Russell, P.St.J. *see* Squire, E.K. 33309
Russell, P.St.J. *see* St. J. Russell, P.
Russell, R. *see* Duffield, N.G. 5674
Russell, R.D. *see* Dieci, L. 40131
Russell, R.D. *see* Lixin Liu 40207
Russell, R.D. *see* Weiwei Sun 21189
Russell, R.J. A method of extending an 1149.1 bus for mixed-signal testing 41347
Russell, S. Nonlinear dynamics considerations of solder microstructural changes during thermal cycling 30953
Russell, S. Multisignature algorithms for ISO 9796 34567
Russell, S. Anixter brings you the Belden solution 53719
Russell, S., Harvey, J. Applications of speech technology in vehicle based MMI 60131
Russell, S. *see* Wong, J.C.F. 37928
Russell, S.D. *see* Orazi, R.J. 26899
Russell, S.J. *see* Carlsten, B.E. 17986
Russell, S.W. *see* Adams, D. 54431
Russell, S.W. *see* Jaquez, E.J. 54390
Russell, T. *see* Feldhake, G. 34091
Russell, T. *see* White, M. 37030
Russell, T.W.F. *see* Orbey, N. 30951
Russell, T.W.F. *see* Verma, S. 10831
Russenschuck, S. *see* Mohammed, O.A. 44988
Russer, P. *see* Aidam, M. 45003
Russo, A. *see* Nastro, V. 18749
Russo, C. *see* Leung, E.M.W. 60439
Russo, F., Ramponi, G. Removal of impulse noise using a FIRE filter 57474
Russo, F. *see* Agnetta, G.A. 18096
Russo, G., Colonnese, S., Rossi, S., Talone, P. H.263 coding optimization: temporal subsampling driven by motion analysis 15646
Russo, G. *see* Barone, F. 7186
Russo, G. *see* Caflisch, R.E. 40221
Russo, G. *see* Neri, A. 56854
Russo, G.Lo *see* Lo Russo, G.
Russo, G.V., Caligiore, C., Lo Presti, D., Panebianco, S., Randazzo, N., Russo, M., Aiello, S., Belluomo, P., Reito, S., Flandre, D., Viviani, A. CMOS analog ASICs: full custom for nuclear physics applications 18137
Russo, G.V., Petta, C., Lopresti, D., Randazzo, N., Russo, M. Silicon drift detector readout and online data reduction using a fast VLSI dedicated fuzzy processor 7196
Russo, G.V. *see* Randazzo, N. 37511
Russo, J.F. What to do about wastewater discharge from cleaning processes using saponifier-type chemicals? 41671
Russo, M. *see* Beritelli, F. 4592
Russo, M. *see* Gaudioso, M. 19189
Russo, M. *see* Losi, A. 8832
Russo, M. *see* Losi, A. 9197
Russo, M. *see* Masetti, M. 54785
Russo, M. *see* Russo, G.V. 7196
Russo, M. *see* Russo, G.V. 18137
Russo, M. *see* Sarnelli, E. 32923
Russo, M.V., Furlani, A., Bearzotti, A., Foglietti, V., Altamura, P., Fratoddi, I., D'Amico, A. Poly(monosubstituted)acetylenes coordinating Pd sites for resistive humidity sensors 58721
Russo, M.V. *see* Caliendo, C. 58719
Russo, N.A. *see* Pomarico, J.A. 17794
Russo, P. *see* Bertolucci, E. 37628
Russo, P. *see* Blumenthal, R. 26317
Russo, P. *see* Foglietti, V. 58732
Russo, T. *see* Alessi, J.G. 49196
Russo, V. *see* Benussi, L. 37231
Russu, E.V. *see* Slobadchikov, S.V. 12330
Russu, E.V. *see* Slobodchikov, S.V. 44251
Russwurm, D. *see* Lemke, E. 8910
Rust, A. *see* Underwood, A.C. 7894
Rust, D.M. *see* Schuster, P.R. 3533
Rust, D.R. *see* Arai, Y. 37267
Rust, D.R. *see* Arai, Y. 37268
Rust, R.D., Estes, T.A., Rhodes, R.J. Yield and uniformity performance comparison of standard and low-profile copper foils 1795
Rust, R.D. *see* Au, D.T.W. 1810
Rust, R.D. *see* Sullivan, C. 1803
Rust, R.D. *see* Sullivan, C. 9692
Rust, S., Seinsch, H.O. Monitoring inter-turn faults in the armatures of induction motors with slip-ring rotors 60765
Rust, U. *see* Wehrmann, F. 44057
Rustad, R., Lokberg, O.J., Pedersen, H.M., Klepsvik, K., Storen, T. Full field tomographic reconstruction of acoustic fields using TV-holography theory, developments and possibilities 14419
Rustamov, I.R. *see* Ashurov, M.Kh. 55583
Ruster, R. *see* Bremer, J. 56055
Rustique, J. *see* Verger, L. 31817
Ruston, D.A. The buck stops here: developing and managing a patent portfolio 9943
Rusu, A., Steriu, M.D., Munteanu, D., Ionescu, A.M., Janot-Giorgetti, M.T. Computer aided self-training in advanced microelectronic fields: SOI devices 9870
Rusu, A. *see* Dobrescu, D. 51609
Rusu, A. *see* Popescu, A.E. 42967
Rusu, C., Yates, J.T., Jr Thermal conductivity issues in the construction of manipulators for ultrahigh vacuum systems 32749
Rusu, E., Budianu, E., Nan, S., Purica, M. Schottky barrier on the InGaAs/InP heterostructures grown by the CL-VPE technique for photodetectors 42269
Rusu, G.I. *see* Mangalagiu, I. 42032
Rusu, M. *see* Mangalagiu, I. 42032
Rusu, S. *see* Lam, K.N. 11038
Rusyn, B. The investigation of singling algorithms for small-dimensioned object recognition for remote Earth sensing 50231
Ruszczynski, A. *see* Ermoliev, Y.M. 10357
Ruszinko, M., Vanroose, P. How an Erdos-Renyi-type search approach gives an explicit code construction of rate 1 for random access with multiplicity feedback 25899
Ruszinko, M. *see* Illyefalvi-Vitez, Z. 30215
Rutan, S.C., Bouveresse, E., Andrew, K.N., Worsfold, P.J., Massart, D.L. Correction for drift in multivariate systems using the Kalman filter 27392
Rutberg, Ph.G. *see* Kolikov, V.A. 33860
Ruter, D. *see* Bauhofer, W. 880
Rutgers, W.R. *see* Gulski, E. 43456
Rutgers, W.R. *see* Meijer, S. 43457
Ruth, R. *see* Decker, F.-J. 37122
Ruth, R.D., Adolphsen, C., Allison, S., Akemoto, M., Atkinson, R., Baumgartner, W., Bong, P., Brown, V., Browne, M., Caryotakis, G., Cassel, R., Cisneros, G., Clark, S.L., Constant, T., Corvin, C., Dean, T., Eichner, J., Fuller, R., Gold, S., Grippe, J., Hanna, S., Hoag, H., Holik, P., Holmes, S., Humphrey, R., Jones, R., Ko, K., Koontz, R., Kroll, N., Lavine, T., Loew, G.A., Loewen, R., Miller, R.H., Nesterov, V., Nantista, C., Paterson, J.M., Pearson, C., Phillips, R., Pierce, W., Pope, R., Porter, T., Rifkin, J., Roster, W., Seidel, M., Smith, H., Smith, S., Spencer, J., Spencer, N., Sprehn, D., Tantawi, S., Thompson, K., Tillghman, A., Vlieks, A., Vylet, V., Wang, J.W., Wilson, P.B., Wilson, Z., Wright, E., Yeremian, D., Zelinski, J., Zomek, C. Status and results from the Next Linear Collider Test Accelerator 49165
Ruth, R.D. *see* Berg, J.S. 49239
Ruth, R.D. *see* Miller, R.H. 49048
Ruth, R.D. *see* Pisin Chen 17915
Ruth, R.D. *see* Seidel, M. 49050
Ruth, R.D. *see* Wang, J.W. 49051
Ruth, S. Security manager - improved security for microcontrollers [for consumer applications] 41246
Ruther, R.J. *see* Leiner, B.M. 19000
Rutherfoord, J. *see* Ferguson, M.I. 37283
Rutherford, P., Ikegami, R., Shrader, J., Sherrer, D., Zabaronick, N., Zeakes, J., Murphy, R., Claus, R. Novel NDE fiber optic corrosion sensor [for aircraft structures] 17401
Rutishauser, W. *see* Doriot, P.-A. 37651
Rutishauser, W. *see* Doriot, P.-A. 37685
Rutishauser, W. *see* Popowski, Y. 59768
Rutkomski, R. The analysis of queue system with application of Little's formulas 30437
Rutkowski, A. *see* Fofanova, T. 30490
Rutkowski, D. DS CDMA system for mobile communications: principles of operation and basic characteristics 47802
Rutkowski, D. *see* Hongbao Zhang 47766
Rutkowski, H.L., Barletta, W.A. Induction linear accelerators for physics diagnostics 37019
Rutkowski, J. New horizons of development of satellite communications systems 6703
Rutkowski, J. *see* Mazurek, B. 19377
Rutkowski, J. *see* Mazurek, W. 19668
Rutkowski, L., Cierniak, R. Image compression by competitive learning neural networks and predictive vector quantization 34974
Rutkowski, L. *see* Cierniak, R. 56767
Rutkowski, P. *see* Miskinis, R. 3016
Rutkowski, P. *see* Sonta, S. 46838
Rutkowski, P.W. *see* Jarwala, N. 52159
Rutkuniene, Z. *see* Knizikevicius, R. 32204
Rutledge, D.B. *see* De Lisio, M.P. 11736
Rutledge, J.C. *see* Schmidt, J.C. 15256
Rutledge, J.C. *see* Whitmal, N.A. 34917
Rutt, H.N. *see* Asal, R. 13796
Rutt, T. *see* Carlson, W. 31546
Rutten, E. *see* Marchand, E. 35343
Rutten, M.C.M. *see* Brands, P.J. 7981
Rutter, J. *see* Reine, M.B. 50042
Rutter, J. *see* Stobie, J. 18818
Rutter, R., Pinder, B., Kimball, J., Kalfus, M. Cost effective power package handles up to 3 HP motor drives 39276
Rutter, S.M., Beresford, N.A., Roberts, G. Use of GPS to identify the grazing areas of hill sheep 58243
Ruud, C.O. *see* Poeth, D.F., II 11012
Ruuska, P. *see* Leppala, K. 8264
Ruuskanen, P. *see* Kaczkowski, Z. 3079
Ruvimov, S., Liliental-Weber, Z., Ledentsov, N.N., Grundmann, M., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Kop'ev, P.S., Alferov, Zh.I., Scheerschmidt, K., Gosele, U. TEM structural characterization of nm-scale islands in highly mismatched systems 22418
Ruvimov, S., Liliental-Weber, Z., Swider, W., Washburn, J., Holmes, D.E. TEM/HREM structural characterization of directionally solidified GaAs-CrAs eutectic crystals 52593
Ruvimov, S. *see* Liliental-Weber, Z. 10621
Ruvimov, S. *see* Liliental-Weber, Z. 10804
Ruvimov, S.S. *see* Kop'ev, P.S. 23931
Ruvimov, S.S. *see* Ledentsov, N.N. 2177
Ruvimov, S.S. *see* Ledentsov, N.N. 24005
Ruvimov, S.S. *see* Maksimov, M.V. 44463
Ruvimov, S.S. *see* Nikishin, S.A. 771
Ruvimov, S.S. *see* Tsatsul'nikov, A.F. 12383
Ruvolo F., A. *see* Dirani, E.A.T. 38359
Ruvolo F., A. *see* Oliveira, J.J.S. 38390
Ruvolo F., A. *see* Pinheiro, W. 38391
Ruwei Dai *see* Dai Ruwei
Ruwen Zhao *see* Zhao Ruwen
Ruxin Chen, Jamieson, L.H. Explicit modeling of coarticulation in a statistical speech recognizer 15036
Ruyan Guo *see* Byung-Moon Jin 54945
Ruymbeke, G.van *see* van Ruymbeke, G.
Ruzgas, T. *see* Vijayakumar, A. 48699
Ruzin, A. *see* Nemirovsky, Y. 7780
Ruzin, A. *see* Sudharsanan, R. 7914
Ruzinov, V.L. *see* Palmieri, V. 49140
Ruzinsky, M. *see* Lori, L. 51759
Ruzinsky, M. *see* Lori, L. 61251
Ruzyllo, J., Roman, P., Staffa, J., Kashkoush, I., Kamieniecki, E. Process monitoring using surface charge profiling (SCP) method 42530
Ruzyllo, J. *see* Hwang, D.K. 42468
Ruzyllo, J. *see* Roman, P. 42566
Ruzyllo, J. *see* Torek, K. 42469
Ruzyllo, J. *see* Novak, R.E. *(editor)* 29995
Ruzyllo, W. *see* Gorecka, B. 49437
Ruzzante, J.E. *see* Perez, L.V. 52870
Ruzzu, A. *see* Blaschette, A. 31785
Ryabko, B., Fionov, A. A fast and efficient homophonic coding algorithm 56306
Ryabko, B., Reznikova, Z. Using Shannon entropy and Kolmogorov complexity to study the communicative system and cognitive capacities in ants 34494
Ryabko, B.Ya. Data compression using an "imaginary sliding window" 14809
Ryabov, V.A. *see* Afonin, A.G. 37086
Ryabov, V.A. *see* Aleksandrov, K.V. 17352
Ryabov, Ya. *see* Nigmatullin, R. 43433
Ryabova, L.I. *see* Akimov, B.A. 42020
Ryabova, R.V. *see* Vorzobova, N.D. 44781
Ryabtsev, G.I., Kuzmin, A.N., Ges, J.A., Gorban, Yu.P., Soukieh, M., Konyaev, V.P., Strek, W. Thermal properties of high-power InGaAs/AlGaAs laser diodes 3887
Ryabtsev, G.I. *see* Kuzmin, A.N. 13815
Ryals, K. *see* Pineda, F. 56586
Ryan, A. *see* Eberl, S. 37632
Ryan, C.A. Circuit partitioning for distributed VHDL fault simulation 11397

Ryan, F.J. *see* Fast, S.A. 33945
Ryan, H.M. High voltage technology: the industrial perspective 9431
Ryan, H.M. *see* Pritchard, L.S. 43562
Ryan, H.M. *see* Wong, K.C.P. 19424
Ryan, H.M. *see* Wong, K.C.P. 38242
Ryan, H.M. *see* Wong, K.C.P. 50657
Ryan, H.M. *see* Yeung, H. 19065
Ryan, J. IIS-hypergraphs 461
Ryan, J. *see* Desmond, D. 27460
Ryan, J. *see* Read, M. 48837
Ryan, J.M., Broers, A.N., Paul, D.J., Pepper, M., Whall, T.E., Fernandez, J.M., Joyce, B.A. Fabrication of SiGe quantum devices by electron-beam induced damage 42053
Ryan, J.M., Kuech, T.F., Bray, K.L. Oxygen-related defects in high purity MOVPE AlGaAs 22260
Ryan, J.M. *see* Allgair, J. 54386
Ryan, J.M. *see* Macri, J.R. 37355
Ryan, J.M. *see* Paul, D.J. 22293
Ryan, J.M. *see* Paul, D.J. 43110
Ryan, M.J., Brumsickle, W.E., Lorenz, R.D. Control topology options for single-phase UPS inverters 60853
Ryan, P.A. High temperature superconducting filter technology for electronic warfare systems 53633
Ryan, P.J. *see* Skellern, D.J. 35688
Ryan, R.W. *see* Malik, R.J. 1736
Ryan, T. *see* Drezek, R. 59530
Ryan, T.P. *see* Paulsen, K.D. 8093
Ryan, T.W., Egaas, B. SAR target indexing with hierarchical distance transforms 6958
Ryan, W.B.F., Flood, R.D. Side-looking sonar backscatter response at dual frequencies 16986
Ryan, W.B.F. *see* Pratson, L.F. 18906
Ryan, W.E., Zafer, B. Performance comparison between PR1 and PR4 signaling on high-density magnetic recording channels 3211
Ryan, W.E. *see* Gutierrez, A. 6681
Ryan, W.R. *see* Pillsbury, P.W. 50786
Ryazanov, M.I., Safronov, A.N. Effects of interference in transient radiation 4267
Ryazanskaya, L.A. *see* Buchanov, V.V. 13916
Ryazantzev, V.Yu. *see* Zeldis, V.I. 16941
Ryba, E. *see* Niewiadomski, T. 18572
Ryba, M., Matuszak, P. Testing 258 QAM transmission of data over HFC 27162
Ryba-Romanowski, W., Golab, S., Pisarski, W.A., Dominiak-Dzik, G., Berkowski, M., Pajaczkowska, A. Growth and characterization of new disordered crystals for the design of all-solid-state lasers 14036
Ryba-Romanowski, W., Golab, S., Pisarski, W.A., Dominiak-Dzik, G., Gloubokov, A. Optical study of $SrLaGaO_4$ and $SrLaGa_3O_7$ doped with Nd^{3+} and Yb^{3+} 14045
Rybachek, S.T., Ivanov, V.I., Senina, V.L. Excitation of the Earth-ionosphere irregular waveguide by sources located in an anisotropic ionosphere 34068
Rybachek, S.T., Ivanov, V.I., Senina, V.L. Ionospheric fields excited by sources located in the Earth-ionosphere irregular waveguide 45124
Rybachuk, V., Uchanin, V. The sensitivity of four-coil electromagnetic transducer to electric conductivity anisotropy 45097
Rybakov, N.I. *see* Lazarev, N.V. 49036
Rybakov, V.V. *see* Smakhtin, A.P. 19269
Rybaltovskii, A.O. *see* Starodubov, D.S. 55834
Rybaltowski, A. *see* Diaz, J. 21229
Rybaltowski, A. *see* Lane, B. 40408
Rybaltowski, A. *see* Lane, B. 42059
Rybaltowski, A. *see* Wu, D. 23980
Rybarcyk, L.J. *see* Merrill, F.E. 37022
Rybczynski, T. The ATM enterprise network switch: Enabler of network transformation 6392
Rybicki, G., Vargas-Aburto, C., Uribe, R. Silicon carbide alphavoltaic battery 39228
Rybicki, K. *see* Miyata, H. 37384
Rybicki, K. *see* Senyo, K. 37386
Rybin, B.S. Simple formulas for dynamic error in linear measurement systems 7124
Rybin, V.M. Analysis, choice and design of monitors for beam diagnostics 49113
Rybin, V.M. *see* Zhelezin, A.A. 3957
Rybko, A. *see* Bassalygo, L. 45492
Ryc, L., Riesz, F. Evaluation of GaAs photodetectors for detection of soft X-ray pulses from laser-induced plasmas 37464
Rychkov, G.S. *see* Il'ichev, E.A. 31158
Rychkov, G.S. *see* Il'ichev, E.A. 42402
Ryckewaert, G. *see* Berger, G. 49268
Rydberg, A. *see* Bruce, S. 22786
Rydberg, M., Smith, U., Soderbarg, A., Hansson, H. Compensation doping of polysilicon films for stable integrated circuit resistors 12679
Ryde, S.J.S. *see* Lewis, D.G. 59472
Ryder, A. Power measurement for lighting ballasts 39406
Ryder, D.M. *see* Kouadria, D. 13211
Ryder, D.M. *see* Kouadria, D. 32696
Ryder, D.M. *see* Zhang, Y. 13848
Ryder, J.M., Weiland, M.Z., Szczepkowski, M.A., Zachary, W.W. Cognitive engineering of a new telephone operator workstation using COGNET 57766
Ryding, G. *see* Allen, L.P. 12653
Ryding, G. *see* Anc, M.J. 22457
Ryding, G. *see* Anc, M.J. 42294
Rydler, K.-E. *see* Simonson, P. 27347
Rydler, K.-E. *see* Simonson, P. 27350
Rye, A.R. *see* Chant, I.J. 18993
Rye, B.J., Hardesty, R.M. Detection techniques for validating Doppler estimates in heterodyne lidar 60061
Rye, D.C. *see* Furukawa, T. 7566
Rying, E.A. *see* Gardner, M.M. 20829
Rykaczewski, H. *see* Adam, A. 37280
Rykaczewski, H. *see* Alexeev, G. 59200
Rykalin, V. *see* Adam, W. 37221
Rykhlitsky, S.V. *see* Ksvitashev, K.K. 30780
Rykov, S.A. *see* Belyakov, L.V. 44242
Rykov, V. *see* Pandey, S.U. 37293
Rykov, V.L. *see* Bellwied, R. 59284
Ryley, A. *see* Loze, M.K. 3219
Rylin, A.V. *see* Baru, S.E. 37227
Rylov, S.V., Robertazzi, R.P. Low power 12 bit superconducting analog to digital converter for cryogenic focal plane array readouts 17469
Rylskaya, L.A. *see* Nevrovsky, V.A. 23186
Rylskaya, L.A. *see* Pertsev, A.A. 29465
Ryman-Tubb, N. THEY ALL STINK!: chemometrics and the neural approach 7154
Rymaszewski, E.J., Lu, T.-M. High-performance power distribution 38862
Rymaszewski, E.J. *see* Ke Chen 53708
Rymell, L. *see* Malmqvist, L. 7851
Rymer, W.Z. *see* Daly, J.J. 18497
Rymer, W.Z. *see* Dewald, J.P.A. 18498
Rymsha, V.P. *see* Borisova, M.E. 55018
Rymuza, P. *see* Stohlker, Th. 7727
Ryne, R. *see* Lawrence, G. 49177
Ryne, R.D. *see* Wangler, T.P. 49086
Rynearson, J. The VITA standards organization–a model for standards development in the 21st century 57828
Ryo Dang *see* Won-Cheol Choi 43079
Ryong Cho Chae *see* Chae Ryong Cho
Ryong Kim Hae *see* Hae Ryong Kim
Ryong Kim Sang *see* Sang Ryong Kim
Ryong Lee Chang *see* Chang Ryong Lee
Ryong Yee Soung *see* Soung Ryong Yee
Ryoo, I., Shim, C., Aida, H., Saito, T. Traffic monitoring and bandwidth management for VBR traffics in ATM networks 46597
Ryoul Maeng Seung *see* Seung Ryoul Maeng
Ryoung Park Kang *see* Kang Ryoung Park
Ryshii, M. *see* Ryzhii, V. 2592
Rysina, A.M. *see* Karpov, V.Yu. 30991
Ryskin, A.I. *see* Begraev, N.T. 12629
Ryskulov, N.M. *see* Chertovskikh, A.G. 37490
Ryssel, H. *see* Bar, E. 42646
Ryssel, H. *see* Bauer, A.J. 12711
Ryssel, H. *see* Berger, R. 43189
Ryssel, H. *see* Bohmayr, W. 12956
Ryssel, H. *see* Jiao, G.Y. 49296
Ryssel, H. *see* Lipp, S. 21350
Ryssel, H. *see* Lipp, S. 22583
Ryssel, H. *see* List, S. 12647
Ryssel, H. *see* Lorenz, J. 12645
Ryssel, H. *see* Morimoto, W. 31696
Rytz, D. *see* Garces Chavez, V. 14332
Ryu, B., Ohsaki, H., Murata, M., Miyahara, H. Design method for virtual path-based ATM networks with multiple traffic classes 46595
Ryu, B.H., Murata, M., Miyahara, H. Design method for highly reliable virtual path based ATM networks 5890
Ryu, B.Y. *see* Lim, H.J. 31794
Ryu, C., Kim, S.P. Deinterlacing using motion compensated local spectra 15511
Ryu, C. *see* Yue, C.P. 41559
Ryu, J.H., Jung, J.I., Kim, J.Y., Youn, C. Object-oriented B-ISDN service modeling 47231
Ryu, J.I. *see* Lim, H.J. 31794
Ryu, M.S. *see* Sakong, D.S. 7457
Ryu, S., Kornegay, K.T., Cooper, J.A., Jr., Melloch, M.R. Monolithic CMOS digital integrated circuits in 6H-SiC using an implanted p-well process 54803
Ryu, S., Takeda, N. Long-haul coherent optical communication systems transmission experiments using all-optical 2R-repeater 6825
Ryu, S. *see* Soohwan Ong 1503
Ryu, S.H. *see* Tae-Eun Kim 59059
Ryu, S.M. *see* Chang, J.W. 47656
Ryu, S.M. *see* Lee, D.J. 47655
Ryu, S.O. *see* Joshi, P.C. 43482
Ryu, S.R. *see* He, X.-F. 22373
Ryu, S.R. *see* Jiang, Z.X. 2201
Ryu, T. *see* Doi, H. 2912
Ryu, Y.K., Cho, H.S. New optical measuring system for solder joint inspection 30367
Ryu, Y.K., Cho, H.S. A neural network approach to extended Gaussian image based solder joint inspection 39880
Ryu, Y.S. *see* Han, M.S. 54097
Ryu, Y.S. *see* Kim, J.M. 58930
Ryu Bong Yeol *see* Bong Yeol Ryu
Ryu Changsup *see* Changsup Ryu
Ryu Chung-Sang *see* Chung-Sang Ryu
Ryu Dong-Ryul *see* Dong-Ryul Ryu
Ryu Hee-Seob *see* Hee-Seob Ryu
Ryu Jae Hwang *see* Jae Hwang Ryu
Ryu Jai Il *see* Jai Il Ryu
Ryu Jai Yon *see* Jai Yon Ryu
Ryu Juhyun *see* Juhyun Ryu
Ryu Kangyuel *see* Kangyuel Ryu
Ryu Kwan-Hong *see* Kwan-Hong Ryu
Ryu Sang-Wan *see* Sang-Wan Ryu
Ryu Seok-Hyun *see* Seok-Hyun Ryu
Ryu Young Sun *see* Young Sun Ryu
Ryu Young-Gyoon *see* Young-Gyoon Ryu
Ryuko, H. *see* Moriyama, E. 27440
Ryul Kim Bong *see* Bong Ryul Kim
Ryul Lee Young *see* Young Ryul Lee
Ryum, B.R., Han, T.-H. MBE-grown SiGe base HBT with polysilicon-emitter and $TiSi_2$ base ohmic layer 2608
Ryumin, S.P. *see* Bogomolov, A.V. 49342
Ryuoh, T. *see* Katoh, Y. 33456
Ryvkin, S.Ye. *see* Izosimov, D.B. 9361
Ryymin, P. *see* Dastidar, P. 28283
Ryzhechkin, S.A. *see* Katarkevich, V.M. 3706
Ryzhii, M. *see* Ryzhii, V. 17389
Ryzhii, M. *see* Ryzhii, V. 55660
Ryzhii, V. Unipolar Darlington infrared phototransistor 58759
Ryzhii, V., Ershov, M., Khmyrova, I., Ryzhii, M., Iizuka, T. Multiple quantum-dot infrared phototransistors 17389
Ryzhii, V., Khmyrova, I., Ryshii, M., Willander, M. Resonant-tunneling bipolar transistors with a quantum-well base 2592
Ryzhii, V., Willander, M., Ryzhii, M., Khmyrova, I. Heterostructure laser-transistors controlled by resonant-tunnelling electron extraction 55660
Ryzhii, V. *see* Ershov, M. 48538
Ryzhii, V. *see* Ershov, M. 48554
Ryzhikov, V.D., Sokhin, V.P. Spectrometric properties of CsI(Tl), $CdWO_4$, and $Bi_4Ge_3O_{12}$ crystals for detection of gamma radiation in the 0.1-10 MeV energy range 28031
Ryzhikov, V.D. *see* Bondar'kov, M.D. 28030
Ryzhikov, V.D. *see* Georgadze, A.Sh. 18101
Ryzhikov, V.D. *see* Tamulaitis, G. 3589
Ryzhkov, V.N., Mamontov, A.M., Aleeva, N.V. Cooled photodetector for the 8-13-μm spectral region for recording the polarization of thermal radiation 17365
Ryzhkov, V.N. *see* Baryshev, N.S. 13837
Ryzhov, S.Yu. *see* Makarychev, Yu.M. 33854
Rzchowski, M.S., Hinaus, B.M. Extrapolation procedures in high-T_c gap-function experiments 32922
Rzehak, H. *see* Tjhie, D.D. 57824
Rzemien, R. Coherent radar–opportunities and demands 36258
Rzepka, S., Meusel, E. Flip chips directly attached to FR4 printed circuit boards: FEM simulations and experimental tests 20908
Rzeszut, J. *see* Arabi, K. 11514
Rzeznik, T. In-line laser measurement in the assembly process 57392
Rzhanov, A.G. *see* Gribkov, D.A. 25043
Rzoska, S.J. *see* Gorny, M. 7527

S, B.A.de La Barra *see* de La Barra S, B.A.
S., E.Asenjo *see* Asenjo S., E.
S., J.L.Diaz-de-Leon *see* Diaz-de-Leon S., J.L.
S., S.Carrasco *see* Carrasco S., S.
Sa, F.M.F. *see* Peixoto, Z.M.A. 60706
Sa, J.Pinto De *see* Pinto De Sa, J.
Sa, J.Souza de *see* Souza de Sa, J.
Sa, L.De *see* De Sa, L.
Sa Yoon Kang *see* McLaren, T.S. 58394
Sa-Gong Geon *see* Geon Sa-Gong
Sa-Kyun Rha, Won-Jun Lee, Seung-Yun Lee, Dong-Won Kim, Chong-Ook Park, Soung-Soon Chun Effects of the annealing in Ar and H_2/Ar ambients on the microstructure and the electrical resistivity of the copper film prepared by chemical vapor deposition 12616
Sa-Kyun Rha *see* Dong-Won Kim 54891
Sa-Kyun Rha *see* Won-Jun Lee 40587
Sa-Kyun Rha *see* Won-Jun Lee 40595
Saab, D.G. *see* Mathew, B. 11242
Saab, K., Marche, D., Hamida, N.B., Kaminska, B. LIMSoft: automated tool for sensitivity analysis and test vector generation 13093
Saab, K. *see* Hamida, N.B. 43231
Saad, A., El Assad, S., Barba, D. Adaptive vectorial speckle filtering in SAR images based on a fuzzy clustering criteria 48069
Saad, A. *see* El Assad, S. 48070
Saad, E.M., Elewa, H.A. On the analysis and design of high-speed digital filter suitable for MDSP implementation 1614
Saad, E.M., Talkhan, I.E., Sayed, I.M. A proposed ATE for digital systems 58637
Saad, M. *see* Herbernholz, R. 12323
Saad, S.M. *see* Laxpati, S.R. 20675
Saadane, A. *see* Senane, H. 56642
Saadate, S. *see* Benchaita, L. 9391
Saadawi, T. *see* Habib, I. 47354
Saadawi, T. *see* Tarraf, A. 47224
Saadawi, T.N. *see* Meky, M.M. 15040
Saadawi, T.N. *see* Meng, W. 6119
Saadawi, T.N. *see* Xie, Y. 6283
Saadawi, T.N. *see* Youssef, S.A. 5720
Saadawi, T.N. *see* Youssef, S.A. 25854

Saade, E.J., Carey, D. Laser Line Scan system operations during the TWA Flight 800 search effort 49839
Saadi, A., Pichon, L. Analysis of 3D scattering problems using finite elements and exact boundary conditions 24449
Saaid, O. *see* Fabre, A. 11572
Saam, H. Coping with convergence: the future of wireless system design 35922
Saaranen, T. *see* Gelatos, A.V. 54511
Saarem, D. *see* Rawat, B. 58788
Saari, P., Sonajalg, H. Pulsed Bessel beams 55797
Saari, P. *see* Sonajalg, H. 55764
Saarinen, J. *see* Huupponen, E. 59628
Saarinen, J. *see* Saastamoinen, A. 59704
Saarinen, J. *see* Salmio, R.-P. 55295
Saarinen, K.P. *see* Lukin, V.V. 5253
Saastamoinen, A., Pietila, T., Varri, A., Saarinen, J., Kaski, K. Neural network based method for tracking artefactual patterns in EEG 59704
Saatchi, S.S. *see* Izenberg, N.R. 28609
Saatchi, S.S. *see* Moreno, J.F. 8550
Saatsi, A. *see* Hyyppa, J. 50232
Saavedra, G. *see* Andres, P. 57139
Saavedra, O.R. Solving the security constrained optimal power flow problem in a distributed computing environment 8746
Saavedra, S.S. *see* Mendes, S.B. 44003
Sabaa, A. *see* El-Guibaly, F. 24886
Sabadell, J. *see* Martinez, P.A. 40949
Saban, I., Faibish, S. Image processing techniques for laser images 16970
Saban, M. *see* Santic, A. 59382
Saban, S.B. *see* Chinowsky, T.M. 27966
Saban, S.B. *see* Jung, C.C. 7385
Sabanov, S.A. *see* Savin, V.V. 3116
Sabary, F. *see* di Bona, A. 59184
Sabataitis, J.C., Mueller, C.H., Miranda, F.A., Warner, J., Bhasin, K.B. YBCO high-temperature superconducting filters on M-plane sapphire substrates 41407
Sabater, A.Ferreres *see* Ferreres Sabater, A.
Sabater, J. *see* Rodrigo, C. 48768
Sabatier, L. *see* de Charette, R. 20275
Sabatier, L. *see* Derouet, H. 17507
Sabatier, L. *see* Douay, D. 14489
Sabatini, D.A. *see* Kolar, R.L. 20484
Sabatini, M. *see* Kramer, A. 21831
Sabatini, S.P. *see* Raffo, L. 31328
Sabbadin, R. *see* Dubois, D. 10281
Sabbadini, A. *see* Polignano, M.L. 31771
Sabbadini, M. *see* Jensen, F. 33982
Sabbah, R. *see* Ikossi-Anastasiou, K. 42948
Sabbatel, G.B. Hardware solutions for efficient distributed computing on ATM networks 57933
Sabbe, K. *see* Van Calster, A. 36737
Sabbert, D. *see* Buse, K. 14442
Sabchevski, S., Mladenov, G., Titov, A., Barbarich, I. Modeling and simulation of beam formation in electron guns 37162
Sabel, L.P. *see* Yardim, A. 21808
Sabel, M. *see* Klein, R. 59848
Sabelka, R. *see* Fleischmann, P. 13107
Sabella, R. *see* Iannone, E. 26741
Sabella, R. *see* Iannone, E. 58406
Saber, E., Tekalp, A.M. Face detection and facial feature extraction using color, shape and symmetry-based cost functions 5639
Saber, E., Tekalp, A.M., Bozdagi, G. Fusion of color and edge information for improved segmentation and edge linking 25402
Saber, M. *see* Bushehri, E. 22930
Sabesan, S. *see* Salata, O.V. 30868
Sabet-Sharghi, R. *see* Mandal, K. 1007
Sabharwal, S.C., Desai, D.G., Sangeeta, Karandikar, S.C., Chauhan, A.K., Sangiri, A.K., Keshwani, K.S., Ahuja, M.N. Preparation and characterisation of radiation hard $PbWO_4$ crystal scintillator 37263
Sabharwal, S.C. *see* Aswal, D.K. 55088
Sabia, E. *see* Dattoli, G. 3914
Sabia, J. *see* Krick, T. 30415
Sabin, E. *see* Leitz, W.E. 23016
Sabio, V. Spectral correlation of wideband target resonances 8657
Sabir, H.M. *see* Eames, I.W. 20250
Sabirzyanova, T.D. *see* Tsidil'kovskii, I.M. 31849
Sabisch, T. *see* Ferguson, A. 60088
Sabiston, J.K. *see* Chisholm, W.A. 8927
Sabitov, O.Yu. *see* Gurin, N.T. 23689
Sablatash, M., Lodge, J.H., McGee, W.F. The design of filter banks with specified minimum stopband attenuation for wavelet packet-based multiple access communications 45966
Sablatash, M., Lodge, J.H., McGee, W.F. Equivalence between vestigial sideband (VSB) and offset quadrature phase shift keyed (OQPSK) modulations and relationships to wavelet packet based multiplexing 56250
Sablatash, M. *see* Cooklev, T. 25017
Sablatash, M. *see* Cooklev, T. 45975
Sablatnig, R. Flexible automatic visual inspection based on the separation of detection and analysis 356
Sable, D. *see* Zvonar, G.A. 19933
Sablich, G. *see* Alessandrello, A. 59340
Sabnani, K.K. *see* La Porta, T.F. 6213
Sabnani, K.K. *see* La Porta, T.F. 47694
Sabnani, K.K. *see* Paul, S. 57789
Sabol, J.M. A scan-rotate geometry for efficient equalization mammography 28249
Sabol, J.M., Soutar, I.C., Plewes, D.B. Practical application of a scan-rotate equalization geometry to mammography 8030
Sabol, J.M. *see* Tong Yu 49421
Sabol, M.A. *see* Corson, W.D. 50132
Sabolic, D. Estimation of electro-magnetic influence on living beings near 400 kV network lines 19373
Sabolic, D. Estimation of electromagnetic exposure conditions for living beings near different transmission lines 60390
Sabonnadiere, J.-C. *see* Rouve, L.-L. 44943
Sabonnadiere, J.C. *see* Wurtz, F. 50914
Sabotinov, N. *see* Mentel, J. 23758
Sabotinov, N.V. *see* Astadjov, D.N. 23748
Sabotinov, N.V. *see* Astadjov, D.N. 55503
Sabotinov, N.V. *see* Vuchkov, N.K. 44360
Sabourin, R., Genest, G., Preteux, F. Pattern spectrum as a local shape factor for off-line signature verification 5590
Sabourin, T. *see* Murshed, T.A. 18251
Sabry, R., Chaudhuri, S.K. Potential of relativistic electrons and short-wavelength radiation interaction for high-speed electro-optical coupling 4201
Sabry-Rizk, M. Null steering antenna for mobile hand-held terminals 47835
Sabry-Rizk, M., Zgallai, W., Hardiman, P., O'Riordan, J. Application of higher-order cepstral techniques in problems of fetal heart signal extraction 28324
Sacca, R. *see* O'Sullivan, R.A. 4015
Saccamango, M.J. *see* Subbanna, S. 41161
Saccani, P. *see* Alessandri, A. 60730
Sacchetti, A. *see* Barbarito, E. 18093
Sacchetti, M. *see* Colonna, N. 37521
Sacchi, E. *see* Smith, A.M. 49348
Sacchini, J.J. *see* Pepin, M.P. 6879
Saccomandi, F. *see* Guiot, C. 49571
Sacconi, A., Panciera, R., Pasin, W. Precision volume measurements on silicon spheres 27305
Sacconi, A. *see* Bettin, H. 27220
Sacconi, A. *see* Frennberg, M. 48903
Sacedon, A. *see* Kidd, P. 30786
Sacha, J.P., Shabestari, B.N., Cios, K.J. Structured region growing and recognition algorithm for nondestructive evaluation 31002
Sacha, J.P. *see* Miller, J.W.V. 35147
Sachau, J. Technological developments for combined heat and power production from biomass 60538
Sachdev, M. Deep sub-micron I_{DDQ} test options 32553
Sachdev, M. *see* Llopis, R.P. 11329
Sachdev, M.S., Dhakal, P., Sidhu, T.S. A configuration independent substation switching scheme 19920
Sachdev, M.S. *see* Chattopadhyay, B. 19419
Sachdev, M.S. *see* Sidhu, T.S. 19384
Sachdev, M.S. *see* Sidhu, T.S. 19418
Sachdev, M.S. *see* Sidhu, T.S. 50627
Sachdev, M.S. *see* Sidhu, T.S. 50632
Sachdev, M.S. *see* Udren, E.A. 38417
Sachdev, M.S. *see* Udren, E.A. 38418
Sachdev, R.N., Swanup, G., Rajan, K.K., Joseph, L. Evaluation of aperture efficiency of a radiofrequency electric field strength meter antenna 48758
Sachdev, V.K., Kohli, S., Mehra, R.M., Mathur, P.C. High pressure studies on Se-Te based ternary chalcogenide glasses 54113
Sacher, E. *see* Boughaba, S. 12788
Sacher, E. *see* Popovici, D. 42732
Sachidananda, M. *see* Apu, S. 34371
Sachot, R. *see* Averin, S. 13853
Sachrajda, A.S., Feng, Y., Taylor, R.P., Newbury, R., Coleridge, P.T., McCaffrey, J.P. The topological transition from a Corbino to Hall bar geometry 32351
Sachrajda, A.S. *see* Coleridge, P.T. 22411
Sachrajda, A.S. *see* Taylor, R.P. 42074
Sachs, D.A. *see* Martin, N.C. 17876
Sachs, R.M., Brown, D.W., DeLong, J. A first step on the path to automated flight reservations 45673
Sachs, R.M. *see* Gorin, A.L. 46969
Sachs, R.von *see* von Sachs, R.
Sachs, T., Grossmann, R., Michel, J., Schrufer, E. Remote sensing using quartz sensors 7304
Sachs, T. *see* Grossman, R. 36480
Sachse, M.H. *see* Chen, D.T. 39956
Sachtig, J. *see* Corsini, R. 14025
Sachwitz, M. *see* Lorenz, R. 49123
Sacile, R., Ruggiero, C., Giacomini, M., Repetto, L., Venturino, A. ISDN technology for cancer patient assistance at home 18489
Sacile, R. *see* Ruggiere, C. 49376
Sacilotti, M.A. *see* Sasaki, J.M. 41937
Sack, L. *see* Eckel, H.-G. 40907
Sackellares, J.C. *see* Casdagli, M.C. 37832
Sackellares, J.C. *see* Casdagli, M.C. 59641
Sacken, U.von *see* von Sacken, U.
Sackinger, P. *see* Essien, M. 22037
Sackinger, P.A. *see* Essien, M. 53859
Sackinger, S.J. *see* Hosking, F.M. 31628
Sackos, J., Bradley, B., Diegert, C., Ma, P., Gary, C. Scannerless Terrain Mapper 58994
Sackos, J., Bradley, B., Nellums, B., Diegert, C. The emerging versatility of a scannerless range imager 6970
Sacks, G.J. *see* Henley, B. 52767
Sacks, R.N. *see* Sieg, R.M. 10731
Sacks, R.N. *see* Tayebati, P. 33119
Sadagopan, G., Krishnamoorthy, T.M., Nambi, K.S.V., Venkataraman, G. Tritium exposure estimates of dial painters from bioassay measurements: case study and proposal for a simple methodology 59840
Sadahiro, T. *see* Ichino, T. 50618
Sadahisa, T., Nakamoto, J., Nishijima, K., Kuruosaki, Y. The new electricity supply method for electric metal plating in surface finishing 11934
Sadaka, M. *see* Chatfield, S. 9921
Sadakata, N. *see* Kajikawa, K. 38801
Sadakuni, S. *see* Sasaki, H. 28777
Sadamoto, Y. *see* Ikehata, T. 37545
Sadana, D. *see* Assaderaghi, F. 2839
Sadana, D. *see* Chen, W. 2799
Sadana, D. *see* Voldman, S. 22978
Sadana, D.K. Invisible defects in SOI, their process dependence and characterization 42288
Sadana, D.K. *see* Holland, O.W. 22458
Sadaoka, Y. *see* Dubbe, A. 58869
Sadaoka, Y. *see* Matsuguchi, M. 17343
Sadaoka, Y. *see* Matsuguchi, M. 58712
Sadaoka, Y. *see* Sakai, Y. 27480
Sadarnac, D. *see* Abida, W. 51370
Sadarnac, D. *see* Heller, C. 9212
Sadarnac, D. *see* Heller, C. 60732
Sadarnac, D. *see* Kaczmarek, R. 23348
Sadarnac, D. *see* Letzelter, J. 61356
Sadarnac, D. *see* Louati, K. 51374
Sadarnac, D. *see* Oueidat, M. 51292
Sadasivan, P.K., Narayana Dutt, D. SVD-based technique for noise reduction in electroencephalographic signals 28343
Sadasivan, P.K. *see* Pradhan, N. 8059
Sadayappan, P. *see* Choi-Grogan, Y.S. 14561
Sadchikov, V.V. *see* Balakirev, V.V. 16971
Sadchikov, V.V. *see* Makarov, A.S. 13839
Sadchikov, V.V. *see* Makarov, A.S. 13840
Sadd, A.L. *see* Bartholomew, R.F. 950
Saddoughi, S.G., Veeravalli, S.V. Hot-wire anemometry behaviour at very high frequencies 17248
Saddow, S.E. *see* Funk, E.E. 58113
Sade, G., Pelleg, J., Ezersky, V. Titanium silicide formation in $TiSi_2/TiB_2$ bilayer barrier structure 42643
Sadedin, D.R. Conservation of momentum and recoil in the railgun 33905
Sadeghi, A. *see* Monnard, R. 33118
Sadeghi, H. *see* Brosius, B. 39367
Sadeghi, H. *see* Lambrecht, R.F. 29242
Sadeghi, N. *see* Pelissier, B. 7212
Sadeghi, S.S.H. *see* Jenks, W.G. 43818
Sadeghi-Emamchaie, S., Jullien, G.A., Miller, W.C. Parallel median filtering using cellular neural networks 5543
Sadeghi-Emamchaie, S., Jullien, G.A., Miller, W.C. Contraharmonic filtering using cellular neural networks 15880
Sadeghi-Emamchaie, S. *see* Dimitrov, V. 24885
Sadeghiyan, B., Mohajeri, J. A new universal test for bit strings 24775
Sadeghzadeh, A.M.A. *see* Emeleus, C.J. 42225
Sadeghzadeh, R.A. *see* Guo, Y.J. 24562
Sadeghzadeh, R.A. *see* Guo, Y.J. 26119
Sadek, K., Pereira, M. Harmonic transfer in HVDC systems under unbalanced conditions 50527
Sadek, K. *see* Pereira, M. 50328
Sadek, K. *see* Shore, N.L. 8866
Sadek, L.E., Ropella, K.M. Detection of atrial fibrillation from the surface electrocardiogram using magnitude-squared coherence 59655
Sadi, J. *see* Harthong, T. 44753
Sadighi, R. *see* Parvin, P. 44329
Sadik, S. *see* Ghitani, H.E. 12930
Sadikhov, E. *see* Gamidov, R. 27890
Sadiki, A., Hutter, K. Surfacial electrodynamics. I. Description of surfacial electric and magnetic fields at a dividing surface in a deformable body by considering its electric and magnetic quadrupole distributions 44913
Sadjadi, F. Polarimetric IR automatic target detection and recognition 25396
Sadjadi, F.A. *see* Chun, C.S.L. 17510
Sadka, A.H., Eryurtlu, F., Kondoz, A.M. Source and channel coding for mobile multimedia communications 16425
Sadka, A.H., Eryurtlu, F., Kondoz, A.M. Improved performance H.263 under erroneous transmission conditions 25696
Sadka, A.H., Eryurtlu, F., Kondoz, A.M. Aspects of error resilience for block based video coders in multimedia communications 46499
Sadka, A.H. *see* Eryurtlu, F. 26410
Sadler, B. *see* Swami, A. 4412
Sadler, B. *see* Swami, A. 45989
Sadler, B.M. Detection in correlated impulsive noise using fourth-order cumulants 4640
Sadler, B.M. Detection in correlated impulse noise using fourth-order cumulants 34889
Sadler, B.M., Casey, S.D. PRI analysis from sparse data via a modified Euclidean algorithm 15188
Sadler, B.M., Casey, S.D. Frequency estimation via sparse zero crossings 25144
Sadler, B.M. *see* Casey, S.D. 4665
Sadler, D.J. *see* Seungug Koh 22104
Sadler, D.J. *see* Seungug Koh 53875
Sadler, M. Future interconnect issues 57890

Sadoh, T. *see* Tsukamoto, K. 41830
Sadoh, T. *see* Tsukamoto, K. 54637
Sadok, M.M., Alouani, A.T. A fuzzy logic based handwritten numeral recognition expert system 46204
Sadok, M.M., Jaidane-Saidane, M. Reduced adaptive modeling: case of long impulse response channels 45840
Sadot, D. Ultra-fast tunable delay-line optical filters for dense WDM communications systems 47896
Sadot, D. Ultra-fast tunable fiber-loop optical filters for dense WDM applications 58339
Sadot, D., Agrawal, S.K., Kazovsky, L.G. STARNET-II–an optically amplified direct-detection WDM computer communications network 35702
Sadoulet, B. *see* Gaitskell, R.J. 37468
Sadoulet, B. *see* Itoh, K.M. 1991
Sadoulet, B. *see* Shutt, T. 37472
Sadovnik, I. *see* Swallom, D.W. 20053
Sadovnik, L. *see* Manasson, V. 4357
Sadovnik, L.S. *see* Manasson, V.A. 8699
Sadovnik, L.S. *see* Manasson, V.A. 45476
Sadovnikov, A.D., Roulston, D.J. A new numerical method for quasi-three-dimensional small-signal simulation of silicon bipolar transistors 22766
Sadovnikov, A.D., Roulston, D.J., Celi, D. Extraction of SPICE BJT model parameters in BIPOLE3 using optimization methods 2598
Sadovnikov, L.V. *see* Bondar'kov, M.D. 28030
Sadovy, K.V. *see* Dubovik, M.F. 13230
Sadowski, J., Szamota-Sadowska, K., Swiatek, K., Kowalczyk, L., Abounadi, A., Rajira, A. MBE growth and properties of ZnYbTe layers 10754
Sadowski, J.T., Herman, M.A. Reflection mass spectrometry studies on UHV ALE of $Cd_{1-x}Zn_xTe$ ($0 \leq x \leq 1$) compounds 52705
Sadowski, J.W. Recent development in surface plasmon resonance measurements 27694
Sadowski, M.L. *see* Knap, W. 54169
Sadowski, N., Carlson, R., Bastos, J.P.A., Lajoie-Mazenc, M. Finite element modeling of electrical machines by simultaneous resolution of fields and electric circuits equations 50884
Sadowski, N. *see* Bastos, J.P. 51020
Sadowski, N. *see* Kuo-Peng, P. 51132
Sadowski, R.W. *see* Digonnet, M.J.F. 24086
Sadowski, R.W. *see* Digonnet, M.J.F. 33017
Sadowski, R.W. *see* Digonnet, M.J.F. 33040
Sadowsky, J. Investigation of signal characteristics using the continuous wavelet transform 4629
Sadowy, G.A. *see* Lohmeier, S.P. 50062
Sadra, K. Techniques for molecular beam epitaxy of multiple-wavelength vertical-cavity laser arrays 12246
Sadreev, A.F. *see* Bulgakov, E.N. 2206
Sadri, S.M.R., Nagrial, M. Improved design of singly salient reluctance machines 60711
Sadrian, A. *see* Weerahandi, S. 47504
Sadrozinski, H. *see* Matthews, J.A.J. 37266
Sadrozinski, H.F.-W. *see* DeWitt, J. 59243
Sadrozinski, H.F.-W. *see* Dubbs, T. 59292
Sadrozinski, H.F.W., DeWitt, J., Dorfan, D.E., Dubbs, T., Grillo, A.A., Kashigin, S., Kroeger, W., Rahn, J., Rowe, W.A., Seiden, A., Spencer, E., Webster, A., Wichmann, R., Wilder, M., Williams, D., Dane, J., Lankford, A., Pier, S., Schmid, B., Bonino, R., Couyoumtzelis, C., Demierre, P., Iwata, Y., Ohsugi, T., Iwasaki, H., Kondo, T., Terada, S., Unno, Y., Dabrowski, W., Idzik, M., Godlewski, J., Takashima, R., Ciocio, A., Coltins, T., Haber, C., Kipnis, I., Shapiro, M., Siegrist, J., Spieler, H., Tamura, N., Grewal, A., Nickerson, R., Wastie, R., Gao, Y., Gonzalez, R., Walsh, A.M., Feng, Z. Monitoring the performance of silicon detectors with binary readout in the ATLAS beam test 37399
Sadrozinski, H.F.W. *see* Dubbs, T. 37393
Sadrozinski, H.F.W. *see* Unno, Y. 37395
Sadwick, L.P., Baker, B., Chen, C.C., Petersen, R., Johnson, S., Hwu, R.J. Microminiature thermionic flat panel display prototype vacuum 1918
Sadygov, Z. *see* Bacchetta, N. 36561
Sadygov, Z.Y., Zheleznykh, I.M., Kirillova, T.A. Light quantum and charged particle semiconductor detectors with internal gain 37296
Sadykhov, R.A. *see* Gadzhiev, Ch.M. 48959
Sadykov, N.R. Evolution equation of the Korteweg-de Vries type for the Poynting vector amplitude 44729
Sae Lee Choon *see* Choon Sae Lee
Saechout, V., Michio, N. An approach for speed sensorless control of induction motors without speed estimation 50972
Saeed, B.I. *see* Sattler, L. 54747
Saeed, S.A.R. Energy conservation strategies for school buildings in Riyadh 61343
Saehcout, V. *see* Mao-Fu Lai 39285
Saeki, I., Kanamoto, T., Kurazono, S. Nonlinear dielectric Mach-Zehnder all optical switching device 33733
Saeki, K. *see* Tomimasu, T. 33583
Saeki, S. *see* Kawahara, T. 1415
Saeki, S.-i. *see* Kawahara, T. 1331
Saeki, T., Nakaoka, Y., Fujita, M., Tanaka, A., Nagata, K., Sakakibara, K., Matano, T., Hoshino, Y., Miyano, K., Isa, S., Nakazawa, S., Kakehashi, E., Drynan, J.M., Komuro, M., Fukase, T., Iwasaki, H., Takenaka, M., Sekine, J., Igeta, M., Nakanishi, N., Itani, T., Yoshida, I., Yoshino, K., Hashimoto, S., Yoshii, T., Ichinose, M., Imura, T., Uziie, M., Kikuchi, S., Koyama, K., Fukuzo, Y., Okuda, T. A 2.5-ns clock access, 250-MHz, 256-Mb SDRAM with synchronous mirror delay 1385
Saeki, T. *see* Cho, Y. 32684
Saeki, T. *see* Hiyamizu, S. 42109
Saeki, T. *see* Tomita, N. 22375
Saeks, R., Lewis, C., Pap, R., Priddy, K., Cox, C. Neurocontrol technology for the LoFLYTE testbed aircraft 59872
Saeks, R. *see* Mathia, K. 52553
Saenger, K.L. *see* Cabral, C. 42660
Saengpongpaew, P., Sirinaovakul, B. Real-time resource tracking system for semiconductor industry 10036
Saenko, I.I. *see* Bardyshev, A.O. 13742
Saenko, V.B. *see* Ivanov, V.V. 9717
Saeta, P.N., Gallagher, A.C. Photoluminescence properties of silicon quantum-well layers 44212
Saether, J., Blotekjaer, K. Noise performance of multiplexed fiber-optic sensor systems with optical amplifiers 58805
Saetta, E.Menichella *see* Menichella Saetta, E.
Saeyang Yang, Hwankyu Cho Technology independent VLSI logic synthesis for wave pipelining 11373
Saez-Vergara, J.C., Romero, A.M. The influence of the heating system on the hypersensitive thermoluminescent material LiF:Mg,Cu,P (GR-200) 8199
Saez-Vergara, J.C. *see* Budzanowski, M. 18576
Safa, H. *see* Antoine, C. 32889
Safa, H. *see* Luong, M. 53947
Safaai-Jazi, A. Modified Chebyshev arrays with increased directivity for large number of elements 56206
Safaai-Jazi, A. *see* Jagannathan, J. 43975
Safacas, A. *see* Polyzos, N. 51362
Safaeinili, A., McKie, A.D.W., Addison, R.C., Jr. Noncontact surface-hardness measurement using laser-based ultrasound 31026
Safai, F. *see* Jain, S. 22028
Safari, A., Janas, V., Jadidian, B., French, J., Weitz, G., Luke, J., Cass, B. Incorporation of piezoelectric $Pb(Zr,Ti)O_3$ fibers into ceramic/polymer composites 10977
Safari, A., Janas, V., Panda, R. Fabrication of fine-scale 1-3 $Pb(Zr_xTi_{1-x})O_3$ ceramic/polymer composites using a modified lost mold method 10978
Safari, A., Panda, R.K., Janas, V.F. Ferroelectricity: materials, characteristics and applications 32655
Safari, A. *see* Ballato, A. 13328
Safari, A. *see* Kelly, J. 23272
Safari, R., Narasimhamurthi, N., Shridhar, M., Ahmadi, M. Affine point pattern matching and its application to form registration 5159
Safavi-Naeini, S., Chow, Y.L., Keyvanfar, M., Nikneshan, S., Fayyaz, N., Hodjat, N. A simple two-port model for an active printed board antenna element 34276
Safavi-Naeini, S. *see* Fayyaz, N. 34256
Safavi-Naeini, S. *see* Shishegar, A.A. 31489
Safavi-Naini, J. *see* Bakhtiari, S. 24773
Safavi-Naini, R. *see* Bakhtiari, S. 24774
Safavi-Naini, R. *see* Esmaili, M. 46911
Safavi-Naini, R. *see* Ghodosi, H. 24772
Safavi-Naini, R. *see* Pieprzyk, J. 24766
Safavian, S.R., Rabiee, H.R., Fardanesh, M. Projection pursuit image compression with variable block size segmentation 57330
Safavian, S.R. *see* Rabiee, H.R. 25357
Safavian, S.R. *see* Rabiee, H.R. 56774
Safayeni, F. *see* Purdy, L. 10010
Saffari, B. *see* Byrnes, J.S. 45615
Saffell, J. Environmental measurement and control in buildings 27447
Saffian, B. *see* Christen, D.K. 52673
Saffian, B. *see* Hansen, O.P. 22306
Saffiotti, A., Wesley, L.P. Perception-based self-localization using fuzzy locations 17784
Saffman, M. *see* Juul Jensen, S. 44660
Saffman, M. *see* Mamaev, A.V. 4088
Saffman, M. *see* Mamaev, A.V. 44688
Saffman, M. *see* Mamaev, A.V. 55752
Saffman, M. *see* Mamaev, A.V. 55829
Saffo, P. Sensors: the next wave of innovation 48472
Safinya, C.R. *see* Caine, E.J. 49361
Safiri, H., Ahmadi, M., Ramachandran, V. Design of stable, causal 2-D digital filters using real coefficient 2-D all-pass building blocks 53451
Safiri, H. *see* Ahmadi, M. 15175
Saflekos, A., Benois-Pineau, J., Barba, D. "A region-based coding scheme for the transmission of video sequences via channels of varying very low bit-rate" 56880
Saflekos, A., Strintzis, M.G., Benois-Pineau, J., Barba, D. Object-based very low bit rate coding with robust global motion estimation and background/foreground separation 15623
Saflekos, A., Tzovaras, D., Malassiotis, S., Strintzis, M.G. Coding of 3D moving medical data using a 3D warping technique 28070
Saflekos, A., Tzovaras, D., Malassiotis, S., Strintzis, M.G. Lossless and lossy coding of 3-D moving heart muscle MRI data 49477
Safonov, V.I. *see* Mikliyev, Yu.V. 33734
Safonov, V.I. *see* Miklyaev, Yu.V. 24159
Safonov, V.I. *see* Miklyaev, Yu.V. 55866
Safonova, L. *see* Brazis, R. 42055
Safonova, V.P. *see* Zhuravlev, F.A. 24140
Safoula, G. *see* Touihri, S. 54570
Safran, G. *see* Adamik, M. 3563
Safranek, J. Performance optimization of synchrotron light sources 33822
Safranek, R. *see* Tran, T.D. 25360
Safranek, R.J. *see* Kovacevic, J. 25646
Safronov, A.N., Pahomov, A.A. Multiple Object DEconvolution (MODE) in support of imagery-based ATP/classification of nonstationary TBM/astronomical objects 46022
Safronov, A.N. *see* Ryazanov, M.I. 4267
Safronov, A.V. *see* Anders, V.I. 11164
Safronov, G. *see* Akimov, D. 59257
Safronov, G. *see* Bolozdynya, A. 49324
Safronov, G.A. *see* Akimov, D.Yu. 37245
Safronova, O.N., Sokolov, A.Yu., Kabashima, S. Effect of gasdynamic fluctuations on the performances of a nonequilibrium MHD-generator 61097
Safronova, T.A. *see* Bagotzky, V.S. 61048
Safvi, S.A., Redwing, J.M., Tischler, M.A., Kuech, T.F. A modeling study of GaN growth by MOVPE 10792
Safvi, S.A. *see* Geisz, J.F. 42543
Saga, K., Hattori, T. Identification and removal of trace organic contamination on silicon wafers stored in plastic boxes 2399
Saga, K. *see* Konno, Y. 53086
Saga, N. *see* Kato, T. 55151
Saga, T. *see* Hisamatsu, T. 37994
Sagahyroon, A., Massoumi, M. On the use of hardware description languages in teaching VLSI design courses 20601
Sagajdak, R.V. *see* Golovin, A.B. 14207
Sagajdak, R.V. *see* Golovin, A.B. 44595
Sagalovich, Yu.L. Improving parameter estimates and shortening the procedure of design of efficient diagnostic polynomials 14813
Sagan, L.A. *see* Anderson, L.E. 38257
Saganiak, R. *see* Walichnowski, W. 59605
Sagara, H. *see* Kishimoto, K. 30301
Sagara, S. *see* Harada, Y. 60726
Sagara, T. *see* Motobe, H. 1792
Sagata, A. *see* Jozawa, H. 35182
Sagawa, H. *see* Aulchenko, V.M. 37247
Sagawa, H. *see* Ohshima, Y. 18083
Sagawa, M. Complete-single-mode operation of 180° mode phased array lasers by improving temperature distribution inside the stripe region 33520
Sagawa, M., Hiramoto, K., Toyonaka, T., Kikawa, T., Fujisaki, S., Uomi, K. High-power, highly-reliable operation of InGaAs/InGaAsP 0.98 μm lasers with an exponential-shaped flared stripe 14108
Sagawa, M., Hiramoto, K., Toyonaka, T., Kikawa, T., Uomi, K. High-power and highly-reliable operation of 0.98-μm lasers with an exponential-shaped flared stripe 55669
Sagawa, M. *see* Yoshida, T. 11719
Sagawa, T. *see* Shikama, T. 53722
Sagayama, S. *see* Arai, K. 56393
Sagayama, S. *see* Kitai, M. 46963
Sagayama, S. *see* Kitai, M. 46964
Sagayama, S. *see* Takahashi, J. 15065
Sagayama, S. *see* Takahashi, J. 24816
Sagayama, S. *see* Takahashi, S. 15037
Sage, I.C. *see* Waterworth, T.F. 54989
Sage, J. *see* Griffiths, H. 18442
Sagebiel, M. *see* Geck, B. 27867
Sager, K. *see* Schroth, A. 27456
Sagerer, G. *see* Socher, G. 57327
Saggio, G. *see* Di Natale, C. 58885
Saggio, M. *see* Torrisi, L. 42383
Saghafi, S. *see* Sheppard, C.J.R. 4269
Saghera, J.S. *see* Busse, L.E. 7373
Saghir, M.A.R., Chow, P., Lee, C.G. Exploiting dual data-memory banks in digital signal processors 1338
Sagioka, K., Fuwa, Y., Moritake, H., Hwang, J.C., Ozaki, M., Yoshino, K. Bistable electrooptic effect in ferroelectric liquid crystalline polymer 33654
Sagiroglu, S., Guney, K. Calculation of resonant frequency for an equilateral triangular microstrip antenna with the use of artificial neural networks 34266
Sagisaka, Y. *see* Bacchiani, M. 15031
Sagisaka, Y. *see* Hirai, T. 45646
Sagisaka, Y. *see* Shimizu, T. 15109
Sagisaka, Y. *see* Shimizu, T. 15144
Sagisaka, Y. *see* Wakita, Y. 15107
Sagisaki, Y. *see* Fujio, S. 24869
Sagiudoulline, L. *see* Gromov, G. 38476
Sagna, N., Dudle, G., Berthoud, P., Thomann, P. Continuous extraction mechanisms from a Cs magneto-optical trap 27368
Sagna, N. *see* Dudle, G. 48308
Sagnes, I., Laviale, D., Regache, M., Glowacki, F., Deutschmann, L., Blanchard, B., Martin, F. Study of nitrogen incorporation in gate oxides using the resistance to oxidation method 22595
Sagnes, I. *see* Berroir, J.M. 2170
Sagnes, I. *see* Berroir, J.M. 12393
Sagnes, I. *see* Boucaud, P. 2171
Sagnes, I. *see* Bouillon, P. 43293
Sagnes, I. *see* Zanier, S. 12335
Sago, H. *see* Bagen, S. 21324
Sagovia, D., Sierra, M. Effect of pointing accuracy and random steering vector errors in a rapid convergence generalized sidelobe canceler 34422

Sagues, F. *see* Puente, C. 14715
Sah, R.E., Ralston, J.D., Daleiden, J., Larkins, E.C., Weisser, S., Fleissner, J., Benz, W. Fabrication of dry-etched mirrors in GaAs-based and InP-based lasers using chemically assisted ion-beam etching at low temperatures 14228
Sah, R.E. *see* Weisser, S. 23957
Sah Chih-Tang *see* Chih-Tang Sah
Saha, A., Mukherjee, M., Dhar, P. Design and implementation of a network service access point (NSAP) for OSI-compatibility 47096
Saha, D., Mitra, R.S., Basu, A. Hardware software partitioning using genetic algorithm 52973
Saha, D., Mukherjee, S., Tripathi, S.K. Multirate scheduling for guaranteed and predictive services in ATM networks 26106
Saha, D. *see* Bhattacharjee, S. 56813
Saha, G. *see* Kanjilal, P.P. 18467
Saha, G. *see* Kanjilal, P.P. 59659
Saha, M.M. *see* Novosel, D. 8979
Saha, P.K., Guha, D. Characteristics of single ridge waveguide with a longitudinal trough 1679
Saha, P.K. *see* Guha, D. 45330
Saha, R.K. *see* Chang, K.C. 24967
Saha, S., Fouad, A.A., Kliemann, W.H., Vittal, V. Stability boundary approximation of a power system using the real normal form of vector fields 60218
Saha, S. *see* Phanse, A. 43106
Saha, S.C., Ghosh, S., Ray, S. Widegap a-Si:H films prepared at low substrate temperature 41997
Saha, S.K. Organizational visions of virtual manufacturing: sociotechnical aspects of adopting technology computer-aided design based manufacturing process 10011
Saha, S.K. Hot carrier reliability in sub-0.1 μm nMOSFET devices 43105
Saha, S.K., Pramanik, P. Synthesis of nanophase PLZT (12/40/60) powder by PVA-solution technique 54915
Saha, T.N. *see* Hussain, K. 8791
Sahabi, H. *see* Basu, A. 5291
Sahai, A., Morin, C., Billiart, S. Astrolog: a distributed and dynamic environment for network and system management 57872
Sahakian, A.V. *see* Schoenwald, A.T. 59734
Sahakian, A.V. *see* Shkurovich, S. 37771
Sahakian, A.V. *see* Shors, S.M. 8063
Sahalos, J.N. *see* Koukourlis, C.S. 17024
Sahalos, J.N. *see* Koukourlis, C.S. 27135
Sahalos, J.N. *see* Krikelas, G. 28459
Sahalos, J.N. *see* Kyriacou, G.A. 24576
Sahalos, J.N. *see* Kyriacou, G.A. 56079
Sahalos, J.N. *see* Zaharis, Z. 26584
Sahambi, J.S., Tandon, S.N., Bhatt, R.K.P. Using wavelet transforms for ECG characterization. An on-line digital signal processing system 28373
Sahara, A. *see* Nakazawa, M. 55216
Sahara, A. *see* Yamada, E. 48003
Sahara, R., Matsuda, M., Shoji, H., Morito, K., Soda, H. Proposal for quantum-dot electroabsorption modulator 3453
Sahara, R. *see* Morito, K. 26812
Sahasrabudhe, S.C. *see* Kulkarni, A. 5009
Sahay, M.K. *see* Mehta, B.R. 31790
Sahay, P.P. Interface state energy distribution from non-ideal (I-V) characteristics of Ni/n-Si Schottky barrier diode 2581
Sahdev, D. *see* Das, S. 43834
Sahdev, D. *see* Das, S. 55114
Sahdev, D. *see* Datta, S. 55124
Sahdev Deshdeep *see* Deshdeep Sahdev
Saher Helmy, A., Ooi, B.S., Marsh, J.H. Investigation of the resolution limit of the hydrogen plasma induced defect layer intermixing process 32170
Sahibzada, M. *see* Zheng, K. 29626
Sahin, B., Kodal, A., Ekmekci, I., Yilmaz, T. Exergy optimization for an endoreversible cogeneration cycle 50759
Sahin, S., Sozen, A. Calculating neutron heating in reflector control drums of a hybrid thermionic space reactor 19492
Sahiner, B., Heang-Ping Chan, Petrick, N., Datong Wei, Helvie, M.A., Adler, D.D., Goodsitt, M.M. Classification of mass and normal breast tissue: an artificial neural network with morphological features 57541
Sahiner, B. *see* Heang-Ping Chan 49523
Sahiner, B. *see* Heang-Ping Chan 57542
Sahiner, B. *see* Petrick, N. 57540
Sahinoglou, H., Malassiotis, S., Strintzis, M.G. Lossless coding and visualization of 3-D medical images with lossy preview capability 18223
Sahinoglou, H. *see* Efstratiadis, S.N. 15631
Sahle, W. *see* Altmaier, H. 27134
Sahlen, O., Lundqvist, L., Funke, S. Small chirp, low drive-voltage integrated 10 Gb/s DFB laser and bulk electroabsorption modulator on semi-insulating InP substrate 36141
Sahlen, O. *see* Palm, T. 44082
Sahlgren, B. *see* Storoy, H. 23799
Sahli, H. *see* Cornelis, J. 8598
Sahli, S., Aslam, D.M. Nonuniform conduction in B-doped chemical vapor deposited diamond studied by intra- and intergrain measurements 54045
Sahni, S.K. *see* Geng, L. 36714
Sahoo, G., Datta, A., Chakrabarty, A. Analysis of double strip loaded broadwall longitudinal slot 4342
Sahoo, P., Wilkins, C., Yeager, J. Threshold selection using Renyi's entropy 25559
Sahr, J.D. *see* Uppala, S.V. 46260
Sahraoui, B., Chevalier, R., Rivoire, G., Zaremba, J., Salle, M. Nonlinear optical properties of new hyper-tetrathiafulvalene derivatives: saturable absorption and degenerate four-wave mixing 24153
Sahraoui, B., Rivoire, G., Sylla, M., Nguyen Phu, X., Zaremba, J., Nguyen, T.T., Salle, M. Degenerate four wave mixing efficiency of organic materials (tetrathiafulvalene derivatives) exhibiting linear and saturable absorption 55861
Sahu, K. *see* Sharma, A.K. 49938
Sahu, K.K. *see* Rath, C. 55034
Sahu, N.K. *see* Pati, B.B. 51074
Sahu, S. *see* Sen, R.N. 8077
Sahu, S.K., Wang, M.Z., Suda, R., Enomoto, R., Peng, K.C., Wang, C.H., Adachi, I., Amami, M., Chang, Y.H., Guo, R.S., Hayashi, K., Iijima, T., Sumiyoshi, T., Yoshida, Y. Measurement of radiation damage on a silica aerogel Cherenkov radiator 37360
Sahu, S.K. *see* Iijima, T. 37238
Sahu, S.K. *see* Sugimoto, Y. 59202
Sahu, S.N., Antonio, M.J., Sanchez, C. Composition, surface topography, structure, Raman, and electrochemical/photoelectrochemical characterisation of $Cd_xHg_{1-x}Te$ films 822
Sahuc, P. *see* Auffray, E. 37281
Sai, A.S. *see* Georgadze, A.Sh. 18101
Sai Kumar, A., Kolli, N. A bioelectrolyte cell–an alternate source of energy 9472
Sai Xiaofeng *see* Sun Changyin 12065
Sai Xiaofeng *see* Zhang Shuming 12074
Saia, R. *see* Fillion, R. 313
Saibon, H. *see* Baki, S.R.S. 28843
Said, A., Pearlman, W.A. Low-complexity waveform coding via alphabet and sample-set partitioning 56618
Said, A.A., Xia, T., Hagan, D.J., Wajsgrus, A., Yang, S., Kovsh, D., Decker, M.A., Khodja, S., Van Stryland, E.W. Liquid-based multicell optical limiter 24227
Said, A.A. *see* Dogariu, A. 24224
Said, A.A. *see* Xia, T. 4092
Said, A.A. *see* Xia, T. 24226
Said, H., Tan, T.N. A brief review on integrated audio-visual processing for personal identification 24852
Said, H.S.El *see* El Said, H.S.
Said, J.N., Cheriet, M., Suen, C.Y. Dynamical morphological processing: a fast method for base line extraction 5341
Said, K. *see* Vermeulen, T. 39027
Said, N.Hadj *see* Hadj Said, N.
Said, R.K. *see* Raouf, S.S. 6690
Said, S. *see* Anvari, B. 49771
Saida, M. *see* Onfroy, G. 11899
Saida, T., Hotate, K. Distributed fiber-optic stress sensor by synthesis of the optical coherence function 48607
Saidel, M.A. *see* Barros, J.G.C. 9121
Saidha, P. *see* Coffey, T. 46722
Saidi, A., McClellan, J.H. Root contours of two-dimensional prediction polynomials 25111
Saidi, M.Y., Koksbang, R., Barker, J. A model lithium-ion system based on the insertion properties of the spinel phase $Li_xMn_2O_4$, (0<x<2) 9519
Saidov, M.S. *see* Abdurakhmanov, B.M. 29642
Saidov, M.S. *see* Khairullin, I.I. 49940
Saidy, M. A unified approach to voltage regulator and power system stabiliser design based on predictive control in analogue form 38248
Saied, A., Cherin, E., Gaucher, H., Laugier, P., Gillet, P., Netter, P., Berger, G. In vitro quantitative assessment of early and progressive lesions in a model of experimental osteoarthritis by high resolution ultrasound 18373
Saied, M.M. Effect of the load and short-circuit impedance unbalance on the operation of Δ-Δ transformer banks 38775
Saied, R., Chakrabarti, C. Scheduling for minimizing the number of memory accesses in low power applications 35948
Saif, M. *see* Yang, H. 30371
Saif, M.T.A., Zhimin Yao, MacDonald, N.C. Reliability studies of single crystal silicon beams for rigid micro mirrors 44150
Saifuddin, A., Kadowaki, N., Imai, R., Okazawa, H., Yamamoto, M. HDR satellite codec with concatenated multilevel codes 47859
Saifuddin, A., Kohno, R. Performance evaluation of DS/CDMA scheme with diversity coding and MUI cancellation over fading multipath channel 25887
Saifullah, M.S.M., Boothroyd, C.B., Botton, D.A., Humphreys, C.J. Electron beam induced crystallisation in iron (III) fluoride 54541
Saigal, A. *see* DiFilippo, V. 10095
Saigne, F. *see* Dusseau, L. 42981
Saigo, H. *see* Yamagata, Y. 8966
Saigoh, H. OCN's basic services and network configuration 47108
Saigui Hu, Bao Liu, Ping Zhang, Jiandong Hu The performance analysis of a new-type neural network code-division multiple-access receiver 4864
Saija, R. *see* Fucile, E. 56028
Saika, S., Fukui, M., Shinomiya, N., Akino, T. A two-dimensional transistor placement for cell synthesis 40814
Saika, S. *see* Yoshida, N. 377
Saika, T. *see* Iyoda, T. 55164
Saiki, M. *see* Kato, Y. 43314
Saiki, M. *see* Uehara, T. 2803
Saiki, T. *see* Mononobe, S. 58811
Saiki, Y. *see* Okazaki, M. 31539
Saile, V. *see* Molders, N. 52737
Saile, V. *see* Vladimirsky, Y. 42805
Sailing He A closed-form formula for scattering coefficients for a lossy multilayered structure 45005
Sailing He Explicit expressions of the reflection and transmission for two coupled identical exponential lines 56080
Sailing He, Strom, S. Time-domain wave splitting and propagation in dispersive media 4270
Sailing He *see* Norgren, M. 45298
Saillard, J. *see* Belhadj, Z. 27063
Saillard, J. *see* Challe, L. 26975
Saillard, J. *see* Clenet, M. 56183
Saillard, J. *see* Guillemot, T. 6931
Saillard, J. *see* Khenchaf, A. 38095
Saillard, J. *see* Khenchaf, A. 50145
Sailor, M.J. *see* Lee, E.J. 54549
Saimoto, S. *see* Langelaan, G. 42793
Sain, M.K. *see* Chang-Hee Won 52933
Saini, G.S., Hopper, D.G. High-performance applications of light emitting diode displays 13868
Saini, M. *see* Srivastava, S. 43986
Saini, S. *see* Turner, A.P.F. 27690
Sainio, C.A., Duquette, D.J., Steigerwald, J., Murarka, S.P. Electrochemical effects in the chemical-mechanical polishing of copper for integrated circuits 2406
Saino, K. *see* Koga, H. 41166
Sainson, S. *see* Dorgeuille, F. 13689
St. Amour, A. *see* Chang, C.L. 42063
St. Amour, A. *see* Chang, C.L. 42097
St. Amour, A. *see* Donaton, R.A. 40388
Saint Andre, F. *see* Barbier, D. 33109
St. Andre, F. *see* Delavaux, J.-M.P. 26874
Saint Christophe, E. *see* Fremont, H. 53844
St. Clair, J. *see* Harris, T.M. 30852
St. Clair, J.G. Clearance calculations of conductors to buildings 50604
St. Clair, K.A. *see* Carlson, J.D. 9461
St Denis, R. *see* Abt, I. 7783
St. George, D. *see* Friesen, D. 29223
St. Germain, K.M., Cavalieri, D.J. A microwave technique for mapping ice temperature in the Arctic seasonal ice zone 8485
St. J. Russell, P. *see* Vidakovic, P. 55827
St. Jagiello, A. Mathematical modelling of transformer sheet steel magnetization 23319
St. John., M.D. Optical RF architecture 58365
St. Lawrence, M.A. *see* Tomlinson, W. 30363
St. Onge, K.D. *see* Arai, Y. 37267
St. Onge, K.D. *see* Arai, Y. 37268
St. Onge, R.J. *see* Franz, P.M. 19490
St. Pierre, E. *see* Gosselin, C.M. 25251
St. Pierre, R.L. *see* Chan, E.Y. 228
St.-Arnaud, J.M., Bose, T.K., Frechette, M.F. Development of an optical method for the detection of small quantities of contaminants in SF_6 13303
Saint-Christophe, E., Fremont, H., Fathi, M., Danto, Y. Photoresist development model for linewidth control in the fabrication of MCM and customised ASICs 12042
Saint-Georges, P., Warzee, G., Notay, Y., Beauwens, R. Fast iterative solvers for finite element analysis in general and shell analysis in particular 10571
Saint-Joan, D., Desachy, J. A raster-based fuzzy expert system for forestry evolution 8368
Saint-Martin, F.Moreau de *see* Moreau de Saint-Martin, F.
Saint-Martin, G., Bernaola, O.A., Nemirovsky, I., Filevich, A. Track detection threshold in Makrofol E. New experimental data 18128
Saint-Pe, O., Donnadieu, O., Davancens, R., Charlton, D., Menardi, A., Fabbricotti, M., Harnisch, B., Meynart, R., Kunkel, B. Development of a 2-D array for 1 to 2.35 μm hyperspectral imager 49977
Saint-Pe, O. *see* Cesarsky, C.J. 36548
Saint-Pierre, N., Jayet, Y., Baboux, J.C. The piezoelectric implant method: theoretical and experimental study of the influence of inherent geometrical and bonding defects 11006
Saint-Pierre, N., Jayet, Y., Perrissin-Fabert, I., Baboux, J.C. The influence of bonding defects on the electric impedance of a piezoelectric embedded element 13249
Saint-Pierre, N. *see* Zellouf, D. 11007
Sainz, J. *see* Perez, J. 34188
Sainz, M., Sanfeliu, A. Learning bidimensional context-dependent models using a context-sensitive language 15563
Saipetch, P. *see* Ho, B.K.T. 18272
Saishu, T. *see* Takatoh, K. 48774
Sait, S.M., Ali, S., Benten, M.S.T. Scheduling and allocation in high level synthesis using stochastic techniques 1044
Sait, S.M., Youssef, H. Timing-influenced general-cell genetic floorplanner 32503
Saito, A., Nakata, K., Murashige, S. The two-dimensional magnetic change process of grain-oriented silicon steel under tensile stress 23302
Saito, A. *see* Takahara, Y. 42559

Saito, D. *see* Sakata, Y. 33537
Saito, H. Adaptive CACs using Bayesian performance estimation 46628
Saito, H., Doshida, M. Review on eyesafe lasers 33458
Saito, H., Ishizuka, M., Kawashima, K. Available bit rate service: Open issues 26052
Saito, H., Kawashima, K., Kitazume, H., Koike, A., Ishizuka, M., Abe, A. Performance issues in public ABR service 5758
Saito, H., Kimura, M. Shape modeling of multiple objects from shading images using genetic algorithms 25675
Saito, H., Makimoto, T., Kobayashi, N. Nitrogen atomic-layer-doping on Ga-terminated and misoriented GaAs surfaces by metalorganic vapor phase epitaxy using dimethylhydrazine 32115
Saito, H., Makimoto, T., Kobayashi, N. Photoluminescence characteristics of nitrogen atomic-layer-doped GaAs grown by MOVPE 40458
Saito, H., Mori, M. Object modeling from multiple images using genetic algorithms 15566
Saito, H., Nishi, K., Ogura, I., Sugou, S., Sugimoto, Y. Room-temperature lasing operation of a quantum-dot vertical-cavity surface-emitting laser 3880
Saito, H., Slominski, M.M., Yoshida, M. An improved guided restoration algorithm for ATM crossconnect networks 35428
Saito, H., Tsuchiya, T. Upper bound of loss probability for self-similar traffic 5779
Saito, H. *see* Ando, H. 42171
Saito, H. *see* Hashimoto, S. 57158
Saito, H. *see* Horinaka, M. 55497
Saito, H. *see* Ide, I. 26051
Saito, H. *see* Koike, A. 16164
Saito, H. *see* Manabe, T. 57881
Saito, H. *see* Nakagawa, S. 35635
Saito, H. *see* Nirei, K. 35370
Saito, H. *see* Osawa, H. 24652
Saito, H. *see* Shioda, S. 46814
Saito, H. *see* Shioda, S. 57583
Saito, H. *see* Shioda, S. 57610
Saito, H. *see* Tsukada, M. 18429
Saito, H. *see* Yokoi, H. 35434
Saito, I. *see* Momose, H.S. 41463
Saito, J. *see* Doi, H. 2912
Saito, J. *see* Kurita, S. 44118
Saito, K., Arita, Y. Cause of aligned-orientation growth of titanium silicide in plasma enhanced chemical vapor deposition 10879
Saito, K., Kato, J., Shimazu, H., Shimizu, A. A 100 kV electron gun for the X-ray mask writer, EB-X2 31688
Saito, K., Kato, J., Shimazu, I., Shimizu, A. A 100 kV electron gun for the X-ray mask writer, EB-X2 32266
Saito, K., Sato, Y., Yabumoto, N., Homma, Y. Investigation of defect concentration in implanted silicon substrates by hydrogen decoration 42372
Saito, K., Ueyanagi, K. Semiconductor acceleration sensor for air bag systems 48455
Saito, K., Yoguchi, K., Onozawa, A., Anai, K. ATM micro LAN services 16277
Saito, K. *see* Fukae, K. 39161
Saito, K. *see* Harada, K. 11901
Saito, K. *see* Hiramoto, T. 32465
Saito, K. *see* Ito, N. 49166
Saito, K. *see* Kamiyama, K. 61125
Saito, K. *see* Kamoshida, K. 40576
Saito, K. *see* Kato, J. 32265
Saito, K. *see* Kato, M. 33369
Saito, K. *see* Nakamura, S. 43508
Saito, K. *see* Ohtake, Y. 39064
Saito, K. *see* Saotome, H. 55071
Saito, K. *see* Shimomura, S. 29672
Saito, K. *see* Sugi, M. 31643
Saito, K. *see* Takemura, Y. 3035
Saito, K. *see* Tobishima, S. 61043
Saito, K. *see* Wakamatsu, T. 33266
Saito, M., Jablonski, J., Miyamura, Y., Katayama, T. Effect on high-temperature oxidation on the buried oxide integrity in low-dose SIMOX wafers 22555
Saito, M., Matsuzawa, S.-I., Ito, K. A simple beam-switching printed array antenna composed of strips and slots 56193
Saito, M., Ogawa, J., Gotoh, K., Kawashima, S., Tamura, H. Technique for controlling effective Vth in multi-Gbit DRAM sense amplifier 1397
Saito, M., Ohira, T., Suzuki, R., Watanabe, K., Shinjo, T., Sano, K., Kamata, T. Characteristics and fabrication technologies of Sc_2O_3-dispersed oxide cathode for CRT applications 12071
Saito, M., Okada, H., Sato, T., Yamazato, T., Katayama, M., Ogawa, A. Throughput improvement of CDMA slotted ALOHA systems 36061
Saito, M., Shukuya, M. Energy and material use in the production of insulating glass windows 52188
Saito, M. *see* Asaki, Y. 17020
Saito, M. *see* Futatsugi, T. 13029
Saito, M. *see* Gotoh, K. 1398
Saito, M. *see* Higuchi, K. 53856
Saito, M. *see* Hiro Nishimura, T. 49798
Saito, M. *see* Honma, S. 12013
Saito, M. *see* Ichinose, T. 58734
Saito, M. *see* Ishiguro, M. 56192
Saito, M. *see* Jablonski, J. 22456
Saito, M. *see* Jablonski, J. 42292
Saito, M. *see* Kizaki, Y. 12012
Saito, M. *see* Mizusawa, Y. 12026
Saito, M. *see* Nishimura, T.H. 49784
Saito, M. *see* Ohgaro, T. 2802
Saito, M. *see* Ohguro, T. 41460
Saito, M. *see* Okada, H. 26533
Saito, M. *see* Shizuki, Y. 16564
Saito, M. *see* Tanaka, K. 57942
Saito, M. *see* Tateyama, K. 10163
Saito, M. *see* Togasaki, T. 10165
Saito, M. *see* Yamada, H. 12015
Saito, M. *see* Yoshitomi, T. 2795
Saito, N. *see* Goifman, R.R. 34915
Saito, N. *see* Nozu, M. 39829
Saito, N. *see* Saito, T. 61304
Saito, N. *see* Sato, T. 40917
Saito, O. *see* Tsurumi, S. 4448
Saito, R. *see* Kobayash, T. 1455
Saito, S., Hamada, K., Mineji, A. Evaluation and control of defects, formed by keV-MeV implantation 31749
Saito, S., Ishikawa, K. A novel method to measure azimuthal anchoring energy between substrate and nematic liquid crystal aligned with high pretilt angle 3472
Saito, S., Naka, A., Matsuda, T., Sato, K. A straight-line soliton transmission experiment over 5,200 km at 10 Gbit/s 16749
Saito, S., Nakajima, M. Automatic production of hand-painted images 15821
Saito, S. *see* Aoki, K. 13728
Saito, S. *see* Fujikake, S. 39127
Saito, S. *see* Hamada, K. 12690
Saito, S. *see* Higuchi, Y. 51079
Saito, S. *see* Itaya, K. 3872
Saito, S. *see* Iwatsuki, K. 26460
Saito, S. *see* Kodama, N. 12568
Saito, S. *see* Koike, H. 2999
Saito, S. *see* Komaki, A. 51474
Saito, S. *see* Kuramasu, K. 1738
Saito, S. *see* Mineji, A. 12691
Saito, S. *see* Miyama, Y. 3471
Saito, S. *see* Mori, T. 21371
Saito, S. *see* Nakasugi, T. 32316
Saito, S. *see* Sekimoto, Y. 14602
Saito, S. *see* Tsukahara, M. 59277
Saito, S. *see* Yamamoto, N. 34474
Saito, T., Aida, H., Altintas, O., Aoki, T. Improving end-to-end throughput for bulk data transfers 46764
Saito, T., Aida, H., Altintas, O., Kim, B.-S., Aoki, T. A fair and efficient access control method for high-speed multimedia LAN and MAN 46750
Saito, T., Aida, H., Kim, B.-S. FADM: A new access control method for distributed access subscriber network 46753
Saito, T., Hara, T., Shida, M., Akama, S., Kudo, H. V supply-voltage Voltage Controlled SAW Oscillator and its PLL application 13388
Saito, T., Hashimoto, Y., Ikoma, T. Band discontinuities at the (100) GaAs/AlAs interfaces with In- and P-insertion layers: effects of isoelectronic impurity layers 12373
Saito, T., Hashimoto, Y., Sakamoto, M. High-quality speech synthesis using context-dependent syllabic units 14940
Saito, T., Ikoma, T. Effects of ZnSe and P insertion layers on band offsets at (100) GaAs/AlAs interfaces 12356
Saito, T., Ito, S., Tada, A. Long lifetime operation of an ArF-excimer laser 3677
Saito, T., Iwai, W., Inoue, S. Development of guidelight systems 39294
Saito, T., Kasai, E., Saito, N., Azuma, T. Development of small-sized brake control unit 61304
Saito, T., Kudo, H., Anan, T., Iganami, C. A stereo matching algorithm based on energy minimization principle in Markov random field model 15931
Saito, T., Leland, W.E. LIS (logical IP subnet) over ATM 6087
Saito, T., Mori, K., Toriwaki, J. A sequential thinning algorithm for three dimensional digital pictures using the Euclidean distance transformation and its properties 4945
Saito, T., Ninomiya, T., Isaji, O., Watanabe, T., Suzuki, H., Okubo, N. Automotive FM-CW radar with heterodyne receiver 27072
Saito, T., Ozawa, K., Kinoshita, K. Future extension of multimedia network call system services 16396
Saito, T. *see* Altintas, O. 16104
Saito, T. *see* Anan, T. 25260
Saito, T. *see* Anan, T. 25717
Saito, T. *see* Cheong, C. 25703
Saito, T. *see* Ebe, H. 705
Saito, T. *see* Fujimoto, M. 29575
Saito, T. *see* Furuya, K. 12835
Saito, T. *see* Hachiya, K. 40834
Saito, T. *see* Hara, S. 22651
Saito, T. *see* Iwasaki, K. 61305
Saito, T. *see* Kajikawa, K. 38801
Saito, T. *see* Kanai, K. 5716
Saito, T. *see* Katagiri, K. 55106
Saito, T. *see* Katsu, K. 21986
Saito, T. *see* Katsu, K. 31541
Saito, T. *see* Kibi, Y. 11767
Saito, T. *see* Kishimoto, N. 55394
Saito, T. *see* Koide, A. 33097
Saito, T. *see* Komatsu, T. 46100
Saito, T. *see* Koyanagi, K. 47109
Saito, T. *see* Maruyama, K. 704
Saito, T. *see* Maruyama, K. 21286
Saito, T. *see* Mitsubori, K. 1116
Saito, T. *see* Miyoshi, T. 40850
Saito, T. *see* Mizusaki, J. 19981
Saito, T. *see* Nakagawa, S. 1158
Saito, T. *see* Nakagawa, S. 11203
Saito, T. *see* Nakanishi, H. 58307
Saito, T. *see* Nakazawa, Y. 4924
Saito, T. *see* Nakazawa, Y. 28893
Saito, T. *see* Nakazawa, Y. 56971
Saito, T. *see* Nakazawa, Y. 57233
Saito, T. *see* Nakazawa, Y. 57311
Saito, T. *see* Ohzeki, K. 5261
Saito, T. *see* Ohzeki, K. 57508
Saito, T. *see* Onuki, H. 59117
Saito, T. *see* Ryoo, I. 46597
Saito, T. *see* Saito, Y. 32236
Saito, T. *see* Tsubone, T. 1112
Saito, T. *see* Ueda, Y. 46101
Saito, T. *see* Ueda, Y. 57282
Saito, T. *see* Wada, S. 11578
Saito, T. *see* Watanabe, S. 25295
Saito, T. *see* Yagishita, A. 54424
Saito, T. *see* Yasue, M. 7858
Saito, T. *see* Yoshiki, K. 16570
Saito, Y. Measurement system for electric field-induced strain by use of displacement magnification technique 7598
Saito, Y., Aomori, M., Kuwano, H. Effects of hydrogen passivation on the electrical conduction in undoped polycrystalline silicon films 41836
Saito, Y., Hirasawa, S., Saito, T., Nezu, H., Yamaguchi, H., Owada, N. Molecular dynamics analysis of reflow process of sputtered aluminum films 32236
Saito, Y., Imai, H., Sugita, Y., Ito, T. Recrystallization of arsenic implanted layer in silicon by vacuum-ultraviolet-light irradiation 22515
Saito, Y., Mitsui, T. Stability analysis of numerical schemes for stochastic differential equations 21188
Saito, Y., Onuki, M., Nakamura, H., Nakajima, A. Layered cell structure for mobile ATM networks 6601
Saito, Y. *see* Bannon, P. 43308
Saito, Y. *see* Doi, T. 44890
Saito, Y. *see* Doi, T. 44893
Saito, Y. *see* Doi, T. 55968
Saito, Y. *see* Fukuda, S. 37132
Saito, Y. *see* Hata, K. 31681
Saito, Y. *see* Michizono, S. 22175
Saito, Y. *see* Midorikawa, Y. 1558
Saito, Y. *see* Midorikawa, Y. 1745
Saito, Y. *see* Midorikawa, Y. 31554
Saito, Y. *see* Midorikawa, Y. 56448
Saito, Y. *see* Mochizuki, M. 52279
Saito, Y. *see* Shibata, K. 27064
Saito, Y. *see* Tumiran 28919
Saito, Y. *see* Yajima, M. 53607
Saito, Y. *see* Yamaguchi, S. 24311
Saito, Y. *see* Yamaguchi, S. 55766
Saito, Y. *see* Yoda, K. 44892
Saito Hide-Aki *see* Hide-Aki Saito
Saitoh, F. A method for extracting outline using the genetic algorithm based on factors for perceptive grouping 25795
Saitoh, F. Components recognition by the generalized Hough transform using multiple two dimensional parameter spaces 46315
Saitoh, H., Miyamori, S., Shimada, T., Toyoda, J. A study on autonomous decentralized control mechanism of power flow in open electric energy network 38264
Saitoh, H. *see* Nakamura, S. 36800
Saitoh, H. *see* Nishino, J. 52809
Saitoh, H. *see* Ono, T. 40445
Saitoh, H. *see* Osaka, M. 59654
Saitoh, H. *see* Shinohara, J. 38291
Saitoh, I. Magnetic characteristics of magnetic shield in a cathode ray tube and their effects on landing drifts caused by terrestrial magnetic field 41803
Saitoh, I. Numerical technique for analysis of magnetic recording with an MR head 43687
Saitoh, K., Fuke, H., Utagawa, T., Enomoto, Y. Logic operation using a high T_c coupled superconducting quantum interference device 31172
Saitoh, K., Niwa, H., Nakao, S., Miyagawa, Y., Miyagawa, S. Channeled ion assisted epitaxial growth of Ge on thin Si substrates 10757
Saitoh, K., Ohsawa, H., Sentoku, K., Matsumoto, T., Mizusawa, N., Fukuda, Y., Uda, K., Sumitani, H., Hifumi, T. Overlay accuracy of Canon synchrotron radiation stepper XFPA for 0.15 μm process 32293
Saitoh, K. *see* Fuke, H. 13498
Saitoh, K. *see* Fuke, H. 13505
Saitoh, K. *see* Ganguly, G. 29630
Saitoh, K. *see* Kimura, T. 29458
Saitoh, K. *see* Nakao, S. 10790
Saitoh, K. *see* Shimizu-Iwayama, T. 31754
Saitoh, K. *see* Shimizu-Iwayama, T. 41870
Saitoh, M. *see* Ikeda, H. 59310
Saitoh, M. *see* Yamada, M. 13691
Saitoh, N., Kuroki, K., Kurosawa, K. Estimation of out-of-focus blur and its effectiveness for deblurring 56885
Saitoh, N. *see* Kuroki, K. 56887
Saitoh, S. *see* Kikuchi, Y. 32292
Saitoh, T. A new type highly thermal conductive aluminum-base double layered substrate 11179

Saitoh, T., Kourogi, M., Ohtsu, M. An optical frequency synthesizer using a waveguide-type optical frequency comb generator at 1.5-μm wavelength 6723
Saitoh, T., Toya, M. Numerical stress analysis of resin cracking in LSI plastic packages under temperature cyclic loading. II. Using alloy 42 as leadframe material 52250
Saitoh, T., Yonemura, N., Miyakoshi, T., Shigi, T. A new type highly thermal conductive aluminum-base double layered substrate 11186
Saitoh, T. *see* Fukatsu, A. 39201
Saitoh, T. *see* Kohama, T. 48761
Saitoh, T. *see* Suzuki, I. 59065
Saitoh, T. *see* Yamamoto, A. 30831
Saitoh, W. *see* Mori, K. 13046
Saitoh, Y., Ohkubo, T., Okada, I., Sekimoto, M., Matsuda, T. A cleaning process for X-ray masks 22679
Saitoh, Y. *see* Anzai, M. 33835
Saitoh, Y. *see* Avrillon, S. 37342
Saitoh, Y. *see* Avrillon, S. 59250
Saitoh, Y. *see* Hata, S. 15568
Saitoh, Y. *see* Ikeda, H. 18131
Saitoh, Y. *see* Ikeda, H. 18134
Saitoh, Y. *see* Ikeda, H. 59310
Saitoh, Y. *see* Kanai, Y. 49770
Saitoh, Y. *see* Morita, T. 11794
Saitoh, Y. *see* Murakami, S. 31501
Saitoh, Y. *see* Okada, I. 32297
Saitoh, Y. *see* Okuno, S. 43577
Saitoh, Y. *see* Okuno, S. 59291
Saitoh, Y. *see* Shin-ogi, M. 48487
Saitou, H. *see* Kitagawa, M. 7079
Saitou, H. *see* Matsugata, K. 51378
Saitou, K. *see* Nakashima, Y. 54780
Saitou, N. *see* Mizuno, K. 22694
Saitou, N. *see* Sohda, Y. 22704
Saitou, N. *see* Someda, Y. 22670
Saitou, S., Amemiya, C., Kitami, T., Sasaki, Y., Inoi, T., Ochi, A. Development of multilayer piezoelectric ceramic transformer 31102
Saitou, S. *see* Shimizu, H. 31778
Saitou, Y. *see* Tamura, H. 61281
Saitou, Y. *see* Watanabe, T. 51770
Saitta, B. *see* Allison, W.W.M. 37269
Saiz, J.L. *see* Costela, A. 55848
Saiz, V.M.M., Guadalupe, J.B. Application of Kalman filtering for continuous real-time tracking of power system harmonics 38443
Saiz-Pardo, R., Rincon, R., De Andres, P.L., Flores, F. Schottky-barrier formation at passivated surfaces: covalent and ionic semiconductors 2240
Saja, J.A.De *see* De Saja, J.A.
Saja-Gonzalez, J.De *see* De Saja-Gonzalez, J.
Sajadieh, M., Kschischang, F.R., Leon-Garcia, A. A block memory model for correlated Rayleigh fading channels 6502
Sajadieh, M., Kschischang, F.R., Leon-Garcia, A. Throughput analysis of a two-level transmission scheme in a Rayleigh fading channel 45528
Sajaev, V. *see* Levichev, E. 59171
Saje, B., Reinsch, B., Kobe-Besenicar, S., Kolar, D., Harris, I.R. Nitrogenation of Sm_2Fe_{17} alloy with Ta addition 924
Saji, E. *see* Maeda, N. 40658
Sajith, P.K. *see* Koshy, J. 3275
Sajo Bohus, L. *see* Rozlosnik, N. 59297
Saka, B., Afacan, E., Yazgan, E. Beam steering antenna design for low altitude radar systems 34454
Saka, B., Yazgan, E. Pattern optimization of a reflector antenna with planar-array feeds and cluster feeds 24560
Saka, H. *see* Tsuji, S. 2619
Saka, M. *see* Mizuno, M. 20857
Saka, M. *see* Sasagawa, K. 247
Saka, T. *see* Hirotani, M. 44294
Saka, T. *see* Miki, Y. 60225
Sakabe, S. *see* Kifuku, T. 9702
Sakabe, S. *see* Tanaka, T. 9678
Sakabe, Y. *see* Kajiyoshi, K. 54889
Sakabe, Y. *see* Wada, N. 2939
Sakae, T. *see* Javanmardil, F. 59285
Sakae, T. *see* Murohka, H. 59271
Sakae, T. *see* Nohtomi, A. 59302
Sakae, T. *see* Uozumi, Y. 49315
Sakagaito, Y. *see* Kawata, K. 33166
Sakagami, M. *see* Mimaki, T. 11858
Sakagami, T., Tsukamoto, Y., Koshino, M., Taho, A. Apricot NET: an asynchronous transfer mode LAN 16352
Sakagami, T. *see* Muto, S. 23525
Sakaguchi, A. *see* Yazaki, H. 5472
Sakaguchi, F. A larger class of wavepacket eigenfunction systems which contains Cauchy wavelets and coherent states 4671
Sakaguchi, F. Diagonalization of the auto-correlation functions of random signals in terms of Cauchy wavelets using operator algebra 34912
Sakaguchi, J. *see* Fujii, K. 58041
Sakaguchi, K., Hamaki, T., Hasebe, N. A circularly polarized omnidirectional antenna 14727
Sakaguchi, K., Sato, N., Yamagata, K., Atoji, T., Fujiyama, Y., Nakayama, J., Yonehara, T. Current progress in epitaxial layer transfer (ELTRAN(R)) 42353
Sakaguchi, K. *see* Imai, A. 2506
Sakaguchi, M. *see* Nagatsuka, K. 49433
Sakaguchi, R. *see* Kuge, H. 59825
Sakaguchi, S. *see* Shibata, S. 33043
Sakaguchi, S. *see* Todoroki, S. 3312
Sakaguchi, S. *see* Yamazaki, S. 30066
Sakaguchi, T., Kanamori, T., Katayose, H., Sato, K., Inokuchi, S. Human motion capture by integrating gyroscopes and accelerometers 27924
Sakaguchi, T., Morishima, S. Face feature extraction from spatial frequency for dynamic expression recognition 5617
Sakaguchi, T. *see* Doke, T. 28019
Sakaguchi, T. *see* Katayose, H. 58585
Sakaguchi, Y., Nakano, T., Yamamoto, S. Development of non-contact gaze detecting system and its applications to gaze duration measurement of on-board display 27417
Sakaguchi, Y., Nakano, T., Yamamoto, S. Visibility evaluation of vehicle display and its application 48760
Sakaguchi, Y. *see* Nishioka, T. 17638
Sakai, A., Sugimoto, T., Goto, K., Okuda, T. Parking guidance and information systems 58022
Sakai, A. *see* Awano, T. 50744
Sakai, A. *see* Kimura, A. 10724
Sakai, A. *see* Nilesh J. Vasa 55560
Sakai, A. *see* Tani, T. 37839
Sakai, A.J. *see* Kishimura, S. 32280
Sakai, E. *see* Harada, K. 41545
Sakai, F. *see* Takei, H. 32978
Sakai, H., Hayashi, T. Maximum likelihood parameter estimation of a sinusoid with random amplitude in white noise 45822
Sakai, H., Hirayama, N. Analysis of subband adaptive filters 11589
Sakai, H., Keitoku, S., Ezumi, H. Contribution of high-velocity particles to stress of thin film produced by laser ablation 52813
Sakai, H., Miyazaki, K., Gyu Ug Kim Autocorrelation measurements of subpicosecond ultraviolet pulse widths 23741
Sakai, H., Takami, K., Niitsu, Y. A service logic program generation method for advanced intelligent network 6290
Sakai, H., Uritani, A., Inoue, K., Takenaka, Y., Mori, C. New position sensing method for position-sensitive proportional counter with neural network algorithm 49332
Sakai, H. *see* Amano, H. 10807
Sakai, H. *see* Fujikake, S. 39127
Sakai, H. *see* Higo, T. 49194
Sakai, H. *see* Ohno, S. 4637
Sakai, H. *see* Onozawa, T. 19494
Sakai, H. *see* Taguchi, M. 26565
Sakai, H. *see* Takeuchi, T. 55396
Sakai, H. *see* Tanabe, M. 2700
Sakai, H. *see* Yoshida, T. 11719
Sakai, H. *see* Yoshida, T. 51590
Sakai, H. *see* Yoshida, Y. 25286
Sakai, I., Tokumitu, E., Ishiwara, H. Preparation and characterization of PZT thin films on $CeO_2(111)/Si(111)$ structures 2922
Sakai, I. *see* Mikagi, K. 42667
Sakai, I. *see* Ono, A. 43066
Sakai, J., Tomonoh, M. High-speed LAN for in-vehicle information system 16275
Sakai, K., Karasawa, H., Yagisawa, T., Mitsui, H., Sawada, Y., Ohta, S., Kai, M. Development and characteristics of servo motor for use under high temperature and radiation flux conditions 19932
Sakai, K., Nagawa, Y., Okuyama, K., Terayama, T. Thin spacing analysis for head-tape interface 13442
Sakai, K. *see* Abe, H. 22263
Sakai, K. *see* Huish, P. 26389
Sakai, K. *see* Matsuura, S. 33270
Sakai, K. *see* Meguro, T. 2395
Sakai, K. *see* Miyashita, T. 54321
Sakai, K. *see* Ota, H. 40550
Sakai, K. *see* Takasago, K. 33601
Sakai, K. *see* Tani, M. 56182
Sakai, K. *see* Tonouchi, M. 43745
Sakai, N. *see* Itoh, H. 51547
Sakai, N. *see* Muraoka, T. 48777
Sakai, N. *see* Rak-Hyun Song 51525
Sakai, N. *see* Yokokawa, H. 29616
Sakai, N. *see* Yokokawa, H. 51537
Sakai, N. *see* Yoshida, T. 51590
Sakai, P. *see* Crow, B. 16307
Sakai, S. *see* Kameda, M. 39128
Sakai, S. *see* Kurai, S. 52588
Sakai, S. *see* Mineo, N. 16796
Sakai, S. *see* Naoi, H. 31858
Sakai, S. *see* Okada, T. 775
Sakai, S. *see* Sato, H. 31962
Sakai, S. *see* Ueda, M. 48987
Sakai, T., Arimitsu, C. Metropolitan expressway radio system 58539
Sakai, T., Kohno, M., Okada, H., Matsubara, H., Hirae, S. Improvement of sensor for noncontact capacitance/voltage measurement and lifetime measurement of bare silicon (100) 48861
Sakai, T., Shimomura, K. High responsivity in an optically controlled field-effect transistor using the direct wafer bonding technique 55434
Sakai, T. *see* Hirano, D. 28964
Sakai, T. *see* Ibrahim, R.C. 2923
Sakai, T. *see* Iwao, T. 37645
Sakai, T. *see* Kawabata, K. 60038
Sakai, T. *see* Kohno, M. 7564
Sakai, T. *see* Nakamoto, M. 41782
Sakai, T. *see* Nakashima, S. 22971
Sakai, T. *see* Nakayama, S. 2658
Sakai, T. *see* Okada, S. 37024
Sakai, T. *see* Orii, Y. 12051
Sakai, T. *see* Shimizu, Y. 12062
Sakai, T. *see* Tsukahara, M. 51620
Sakai, T. *see* Ushrozawi, M. 17705
Sakai, T. *see* Wada, A. 23507
Sakai, T. *see* Yumoto, M. 22139
Sakai, Y., Sadaoka, Y., Matsuguchi, M. Humidity sensors based on polymer thin films 27480
Sakai, Y., Schneider-Muntau, H.-J. Ultra-high strength, high conductivity Cu-Ag alloy wires 41560
Sakai, Y. *see* Emi, K. 7794
Sakai, Y. *see* Hashimoto, T. 3646
Sakai, Y. *see* Itaya, Y. 26909
Sakai, Y. *see* Itaya, Y. 55604
Sakai, Y. *see* Kurosaki, T. 23563
Sakai, Y. *see* Kurosaki, T. 23564
Sakai, Y. *see* Matsuguchi, M. 17343
Sakai, Y. *see* Matsuguchi, M. 58712
Sakai, Y. *see* Miyashita, T. 54321
Sakai, Y. *see* Nakao, Y. 19820
Sakai, Y. *see* Nakao, Y. 23245
Sakai, Y. *see* Nishimaki, T. 59425
Sakai, Y. *see* Okamoto, H. 44283
Sakai, Y. *see* Okura, K. 56947
Sakai, Y. *see* Suzaki, Y. 44531
Sakai, Y. *see* Tode, H. 16040
Sakai, Y. *see* Wada, M. 44468
Sakai, Y. *see* Yamada, N. 54471
Sakai, Y. *see* Yoshida, T. 56867
Sakaida, H. *see* McArdle, N. 33182
Sakaida, Y. *see* Nomura, Y. 5121
Sakaji, N.M. The force acting on a moving current loop above a conducting plate 55974
Sakaki, H. *see* Inoshita, T. 12489
Sakaki, H. *see* Inoshita, T. 42238
Sakaki, H. *see* Kadoya, Y. 31956
Sakaki, H. *see* Koshiba, S. 30773
Sakaki, H. *see* Mori, M. 33179
Sakaki, H. *see* Nagamune, Y. 12462
Sakaki, H. *see* Nagata, T. 28776
Sakaki, H. *see* Nakamura, Y. 22301
Sakaki, H. *see* Narihiro, M. 22337
Sakaki, H. *see* Tanaka, I. 52733
Sakaki, H. *see* Wang, P.D. 12490
Sakaki, H. *see* Yoshikawa, H. 49102
Sakaki, H. *see* Yusa, G. 22396
Sakaki, K. *see* Fukunaga, H. 29617
Sakaki, M. *see* Tsuji, K. 26382
Sakaki, Y. *see* Saotome, H. 32875
Sakaki, Y. *see* Saotome, H. 55071
Sakakibara, H. *see* Hayakawa, N. 23143
Sakakibara, H. *see* Hayakawa, N. 54885
Sakakibara, K. Power distributed layers noise reduction on multilayer PCBs 11851
Sakakibara, K., Hirokawa, J., Ando, M., Goto, N. Single-layer slotted waveguide arrays for millimeter wave applications 24599
Sakakibara, K., Hirokawa, J., Ando, M., Goto, N. A high-gain and high-efficiency single-layer slotted waveguide array for use in 22 GHz band for entrance radio relay system in mobile communications 34383
Sakakibara, K., Kasahara, M., Yuba, Y. Some optimal and quasi-optimal binary codes from cyclic codes over $GF(2^m)$ 4451
Sakakibara, K. *see* Ando, M. 34359
Sakakibara, K. *see* Hirokawa, J. 35935
Sakakibara, K. *see* Nagata, K. 53268
Sakakibara, K. *see* Saeki, T. 1385
Sakakibara, K. *see* Sakamoto, O. 1361
Sakakibara, K. *see* Tanaka, H. 36060
Sakakibara, K. *see* Wada, M. 3602
Sakakibara, S. *see* Wada, M. 27557
Sakakibara, T., Izu, H., Tarui, H., Kiyama, S. Development of high voltage photovoltaic microdevices for driving micro actuators 43366
Sakakibara, T. *see* Anno, H. 31927
Sakakibara, T. *see* Ikeda, Y. 55893
Sakakibara, T. *see* Maeda, Y. 55812
Sakakibara, T. *see* Matsubara, K. 31912
Sakakibara, T. *see* Mizuno, K. 60950
Sakakibara, T. *see* Oki, I. 60966
Sakakibara, Y. *see* Matsuoka, M. 34530
Sakakibara, Y. *see* Ogawa, S. 54294
Sakakibara, Y. *see* Takahashi, M. 2313
Sakakibara, Y. *see* Wakamatsu, T. 33266
Sakakima, H., Satomi, M., Irie, Y., Kawawake, Y. Magnetoresistance in CoMnB/Co(Fe)/Cu/Co(Fe) spin-valves 43657
Sakakima, H. *see* Deguchi, M. 17796
Sakakima, H. *see* Watanabe, H. 13434
Sakallah, K.A. *see* Jong-Gwan Yook 40992
Sakallah, K.A. *see* Marques Silva, J.P. 11097
Sakallah, K.A. *see* Van Campenhout, D. 11347
Sakallah, K.A. *see* Yalcin, H. 11345
Sakallah, K.A. *see* Yook, J.-G. 41578
Sakama, Y. Agent communications on OCN 47110
Sakamaki, K.-I., Takagi, H. Evaluation of call loss and forced termination probabilities in cellular communication systems 58141
Sakamoto, A., Xinghao Liu, Shimamoto, T. A genetic approach for maximum independent set problems 40084
Sakamoto, A. *see* Ishikawa, M. 11769
Sakamoto, A. *see* Xingzhao Liu 21071
Sakamoto, F. *see* Yamada, M. 20879

Sakamoto, H., Takakuwa, Y., Hori, T., Horie, T., Suemitsu, M., Miyamoto, N. Kinetics of dissociative adsorption of dichlorosilane on Si(100)2×1 12177
Sakamoto, H., Ueno, K., Tanaka, H., Horikawa, K., Kohata, H. In-orbit performance evaluation of fixed and mobile communication equipment on Kiku-6 16649
Sakamoto, H., Washimiya, S. Magnetic coupled power and data transferring system with a detachable transformer 9292
Sakamoto, H. *see* Hirose, F. 12178
Sakamoto, H. *see* Kawamura, K. 22460
Sakamoto, H. *see* Matsunaga, S. 15053
Sakamoto, H. *see* Nakamae, K. 17198
Sakamoto, H. *see* Nakano, K. 30890
Sakamoto, H. *see* Nishimori, T. 40424
Sakamoto, H. *see* Nishimura, K. 7094
Sakamoto, H. *see* Suzuki, H. 48229
Sakamoto, I. *see* Ohkubo, M. 7850
Sakamoto, K., Furukawa, A. Construction technology of beam type MAGLEV guideway 20160
Sakamoto, K., Ueda, H., Takahashi, H., Shimizu, E. Real-time stereogram display synthesized with an optical hologram for rich images 17612
Sakamoto, K. *see* Aoki, K. 39466
Sakamoto, K. *see* Fujii, M. 59602
Sakamoto, K. *see* Hareyama, N. 49767
Sakamoto, K. *see* Huang, P.Y. 27575
Sakamoto, K. *see* Maebara, S. 13518
Sakamoto, K. *see* Shoji, T. 59217
Sakamoto, M., Nunomura, Y., Yoshida, T., Shimazu, Y. Microarchitecture support for reducing branch penalty in a superscaler processor 1461
Sakamoto, M., Tozune, A. Study of double 3 phase hybrid type stepping motor 60814
Sakamoto, M. *see* Kasahara, K. 2859
Sakamoto, M. *see* Ohnishi, K. 19775
Sakamoto, M. *see* Ohtsuka, H. 39219
Sakamoto, M. *see* Saito, T. 14940
Sakamoto, M. *see* Takaesu, F. 35837
Sakamoto, M. *see* Watanabe, K. 26211
Sakamoto, O., Onoda, H., Katayama, T., Hayashi, K., Yamasaki, N., Sakakibara, K., Ohnakado, T., Takada, H., Tsuji, N., Ajika, N., Hatanaka, M., Miyoshi, H. A high programming throughput 0.35 μm p-channel DINOR flash memory 1361
Sakamoto, S., Kiger, W.S., III, Harling, O.K. Parametric studies of coolant, fuel configuration, and enrichment for the MIT fission converter-based epithermal neutron beam 8117
Sakamoto, S., Taira, H., Takagi, H. Effective electrode reaction area of cofired type planar SOFC 51524
Sakamoto, S., Yoshioka, K., Fukumoto, H. Application of dynamic behaviour analysis coupled with electromagnetic force to a superconducting magnet for magnetically levitated vehicles 43859
Sakamoto, S. *see* Hara, S. 22651
Sakamoto, S. *see* Inoue, A. 25288
Sakamoto, S. *see* Minoda, H. 40406
Sakamoto, T., Kawaura, H., Baba, T. Spatial distributions of individual traps in a Si/SiO_2 interface 54293
Sakamoto, T., Nakamura, Y., Nakamura, K. Spatial and energy distributions of single-carrier traps in $GaAs/Al_xGa_{1-x}As$ heterostructures 12461
Sakamoto, T., Nakamura, Y., Nakamura, K. Individual carrier traps in $GaAs-Al_xGa_{1-x}As$ 22309
Sakamoto, T., Takahashi, K., Takeuchi, S. Monolithic MCP using photosensitive glass 12124
Sakamoto, T. *see* Fujita, S. 32217
Sakamoto, T. *see* Fukui, M. 58294
Sakamoto, T. *see* Fukushima, T. 55210
Sakamoto, T. *see* Fukushima, T. 55811
Sakamoto, T. *see* Hwang, S.W. 12473
Sakamoto, T. *see* Kakunai, S. 48899
Sakamoto, T. *see* Kato, T. 57999
Sakamoto, T. *see* Kawaura, H. 54673
Sakamoto, T. *see* Sasaski, T. 10942
Sakamoto, T. *see* Tanioka, M. 41706
Sakamoto, Y., Ohta, M., Natsusaka, M., Murakami, K. Performance of a miniaturized planar parametric transformer having an excellent voltage regulation 1744
Sakamoto, Y., Ohta, M., Natsusaka, M., Murakami, K. Considerations on the performance characteristics of a planar magnetic path-type micro parametric transformer 53710
Sakamoto, Y. *see* Cho, T. 37568
Sakamoto, Y. *see* Den, S. 32177
Sakamoto, Y. *see* Fukushima, A. 27248
Sakamoto, Y. *see* Iwasa, A. 27249
Sakamoto, Y. *see* Kyu-Tae Kim 27237
Sakamoto, Y. *see* Matsubara, H. 12011
Sakamoto, Y. *see* Miyazaki, T. 30942
Sakamoto, Y. *see* Murayama, Y. 27216
Sakamoto, Y. *see* Nakamura, Y. 27830
Sakamoto, Y. *see* Ogita, E. 27234
Sakamoto, Y. *see* Shirafuji, J. 40425
Sakamoto, Y. *see* Sugino, T. 2280
Sakamoto, Y. *see* Suzuki, A. 2038
Sakamoto, Y. *see* Tanaka, K. 33765
Sakamoto, Y. *see* Wakamatsu, S. 45211
Sakamura, K. *see* Usaka, T. 26399
Sakamura, K. *see* Yura, S. 26340
Sakamura, Y. *see* Kawai, K. 17001
Sakanaka, P.H. *see* Torres-Silva, H. 45008
Sakane, M. *see* Kuwamura, K. 20188
Sakane, M. *see* Tsukada, Y. 20859
Sakane, Y. *see* Muto, S. 23525
Sakane Kenichi *see* Kenichi Sakane
Sakanishi, K. *see* Ishikawa, K. 8861
Sakaniwa, K. *see* Yamada, I. 56589
Sakano, H., Kida, H., Mukawa, N. Seeing the character images that an OCR system sees–analysis by genetic algorithm 15550
Sakano, M. *see* Shintomi, K. 40717
Sakasai, K., Ara, K. A possible device for selective detection of magnetic field sources using superconducting and ferromagnetic cylinders 48501
Sakasegawa, H. *see* Yamazaki, G. 21035
Sakashita, N., Nitta, Y., Shimomura, K., Okuda, F., Shimano, H., Yamakawa, S., Tsukude, M., Arimoto, K., Baba, S., Komori, S., Kyuma, K., Yasuoka, A., Abe, H. A 1.6-GB/s data-rate 1-Gb synchronous DRAM with hierarchical square-shaped memory block and distributed bank architecture 1340
Sakashita, N., Okuda, F., Shimomura, K., Shimano, H., Hamada, M., Tada, T., Komori, S., Kyuma, K., Yasuoka, A., Abe, H. A built-in self-test circuit with timing margin test function in a 1 Gbit synchronous DRAM 41142
Sakashita, N. *see* Oashi, T. 41171
Sakashita, N. *see* Teraoka, E. 47461
Sakashita, Y. *see* Nozu, M. 39829
Sakashita, Y. *see* Tokizawa, H. 34637
Sakata, A., Tomita, M., Koike, M., Koyama, M., Kunishima, I. Anomalous junction leakage behavior of Ti self-aligned silicide contacts on ultra-shallow junctions 54527
Sakata, A. *see* Tokii, A. 49351
Sakata, H. Optimally designed layer formation for wavelength-selective photodetectors based on grating-assisted coupling 7324
Sakata, H., Nagao, Y., Matsushima, Y. Optoelectronic logic operations by triangular-barrier optoelectronic switch 23624
Sakata, I., Yamanaka, M., Sekigawa, T. Relationship between carrier diffusion lengths and defect density in hydrogenated amorphous silicon 31869
Sakata, J. *see* Tsuchiya, T. 21413
Sakata, K. *see* Kaewkamnerd, N. 43599
Sakata, K. *see* Shoji, K. 1356
Sakata, K. *see* Shoji, K. 2935
Sakata, M., Wakabayashi, S., Ikeda, M., Goto, H., Takeuchi, M., Yada, T. Pb-based ferroelectric thin film actuator for optical applications 54990
Sakata, M. *see* Tanaka, T. 2968
Sakata, M. *see* Wakabayashi, S. 2985
Sakata, S. Fast erasure-and-error decoding of any one-point AG codes up to the Feng-Rao bound 56352
Sakata, S. *see* Miyaki, I. 26054
Sakata, T., Fujisawa, H., Sekiguchi, T., Torii, K., Kajigaya, K., Kimura, K. A small data-line-swing read/write scheme for high-endurance nonvolatile DRAMs with ferroelectric capacitors 1391
Sakata, T. *see* Akiba, Y. 2572
Sakata, T. *see* Fujisawa, H. 1390
Sakata, T. *see* Fujisawa, H. 53293
Sakata, T. *see* Kobayashi, K. 36056
Sakata, T. *see* QikunXue 2001
Sakata, T. *see* Sasho, S. 41270
Sakata, T. *see* Xue Qikun 30826
Sakata, Y., Inomoto, Y., Saito, D., Komatsu, K., Hasumi, H. Low threshold and high uniformity for novel 1.3-μm-strained InGaAsP MQW DC-PBH LDs fabricated by the all-selective MOVPE technique 33537
Sakata, Y., Morimoto, T., Inomoto, Y., Hasumi, H. Low-threshold strained multi-quantum well lasers fabricated by selective metalorganic vapor phase epitaxy without a semiconductor etching process 44555
Sakata, Y., Ohnishi, A., Kishi, G., Izumo, S., Kondou, H., Tomozawa, A. The particle contamination during wet cleaning process onto various wafer surfaces 42481
Sakata, Y. *see* Yamazaki, H. 26814
Sakate, H. *see* Sakuma, F. 27208
Sakate, T. *see* Taki, K. 27433
Sakatsu, T., Yoshida, Y., Iwafuchi, T., Kuwazaki, S., Sarayama, S., Iwata, H., Azumi, J.-I., Suzudo, T. High accuracy face down bonding with microball alignment 12018
Sakauchi, M. *see* Kishi, N. 55529
Sakauchi, M. *see* Satou, T. 48253
Sakaue, H. *see* Shingubara, S. 42670
Sakaue, T. *see* Takahashi, M. 19511
Sakawa, M., Kato, K., Mizouchi, R. An interactive fuzzy satisficing method for multiobjective block-angular linear fractional programming problems with fuzzy parameters 21101
Sakawa, M., Kato, K., Sunada, H., Shibano, T. Fuzzy programming for multiobjective 0-1 programming problems through revised genetic algorithms 40096
Sakawa, M., Shibano, T., Obata, H. An interactive fuzzy satisficing method for multiobjective 0-1 programming problems with fuzzy numbers through genetic algorithms 21100
Sakawa, M. *see* Inuiguchi, M. 10421
Sakawa, M. *see* Inuiguchi, M. 21090
Sakayori, S. *see* Inoue, N. 24812
Sakayori, S. *see* Kuroiwa, S. 46975
Saker, A., Atten, P. Properties of streamers in transformer oil 32744
Saker, A., Gournay, P., Lesaint, O., Tobazeon, R., Trinh, N.G., Boisdon, C. Prebreakdown and breakdown phenomena in large oil gaps under AC 19791
Saker, A. *see* Lesaint, O. 23236
Saker, A. *see* Trinh, N.G. 23240
Sakhaf, M., Schmeits, M. Capacitance and conductance of semiconductor heterojunctions with continuous energy distribution of interface states 2106
Sakharov, A.V. *see* Kop'ev, P.S. 23931
Sakharov, A.V. *see* Krestnikov, I.L. 44464
Sakharov, A.V. *see* Maksimov, M.V. 44463
Sakharov, A.V. *see* Shernyakov, Yu.M. 55653
Sakharov, K.Y. *see* Mikheev, O.V. 34265
Sakharov, S.A. *see* Sato, M. 13399
Sakharov, V. *see* Drobyshevski, E. 33892
Sakharov, V.L. *see* Bulanov, S.N. 18438
Sakhno, V.I., Dolgikh, A.V., Chubarev, V.G., Marakhovka, I.I., Galitsyn, Yu.G., Mansurov, V.G., Suranov, A.S. Gallium arsenide photocathode utilizing an AlGaAs/p+-GaAs/AlGaAs heteroepitaxial structure grown by molecular beam epitaxy 21296
Sakic, J. Reconstruction project of a diesel-electrical train series HZ 7021 29767
Sakic, Z. The role of Technical Committee 9 of Croatian Electrotechnical Commission in management of standardisation in the field of electric traction 29762
Sakic, Z. *see* Perkov, M. 29764
Sakich, J. *see* Sebo, S.A. 32736
Sakich, J. *see* Zhao, T. 38401
Sakis Meliopoulos, A.P., Adams, W., Casey, R. An integrated backflashover model for insulation coordination of overhead transmission lines 50599
Sakis Meliopoulous, A.P., Glytsis, E.N., Loyd, R.E., Horton, P.B. Performance evaluation of steel conduit enclosed power systems 38336
Sakitani, A. *see* Yokota, T. 45352
Sakiyama, K. *see* Hara, T. 12759
Sakiyama, K. *see* Imai, T. 51879
Sakiyama, K. *see* Onishi, S. 43589
Sakiyama, S. *see* Maruyama, M. 1473
Sakiyama, S. *see* Nakahira, H. 41382
Sakka, S. *see* Yoko, T. 2293
Sakkas, V., Zervas, E., Merakos, L. The effect of macro diversity on the quality control and radio resource management in DS-CDMA 26506
Sakly, J. *see* Toumia, S. 19884
Sako, H., Smith, A.V.W. Real-time facial expression recognition based on features' positions and dimensions 5637
Sako, S. *see* Egashira, M. 22268
Sakoe, H., Katayama, Y., Uchida, S. An efficient CYK-based algorithm for continuous speech recognition 56380
Sakong, D.S., Cha, M.J., Shin, J.H., Cha, G.S., Ryu, M.S., Hower, R.W., Brown, R.B. Asymmetric membrane-based potentiometric solid-state ion sensors 7457
Sakong Sug-Chin *see* Sug-Chin Sakong
Sakowski, H. *see* Laeri, F.G. 3757
Sakrejda, I. *see* Betts, W. 59222
Sakrejda, I. *see* Wieman, H. 59275
Sakrejda, I.M. Strangeness production at RHIC energies as seen by the STAR detector 59196
Saks, O. *see* Bichevin, V. 1903
Saksman, E., Nygren, T., Markkanen, M. Ionospheric structures invisible in satellite radiotomography 60047
Saksvik, O. *see* Oberg, A. 11795
Saku, T. *see* Friedland, K.-J. 12452
Sakugawa, T. *see* Mizoguchi, H. 2474
Sakui, K. *see* Himeno, T. 53281
Sakui, K. *see* Jin-Ki Kim 53294
Sakui Koji *see* Koji Sakui
Sakuma, A. *see* Shindo, M. 13435
Sakuma, E. *see* Slyusarev, S. 24154
Sakuma, E. *see* Slyusarev, S. 24208
Sakuma, F., Sakate, H., Johnson, B.C., Gibson, C., Machin, G., Ricolfi, T., Battuello, M., Fischer, J., Jung, H.-J. International comparison of radiation temperature scales among five national metrological laboratories using a transfer standard radiation thermometer 27208
Sakuma, H. *see* Ogita, E. 27234
Sakuma, J., Itoh, T., Harasaki, A., Satoh, T., Sugii, M. Development of a high power mid-IR source using TEA CO_2 laser MOPA system with $AgGaSe_2$ crystals 33381
Sakuma, K. Application of fiber optic gyros at JAE 27611
Sakuma, M. *see* Marais, P. 18394
Sakuma, M. *see* Nagata, H. 26816
Sakuma, N. *see* Miyazaki, H. 42701
Sakuma, N. *see* Nakamoto, M. 41782
Sakuma, S. *see* Watanabe, K. 36595
Sakuma, T. *see* Yamaguchi, H. 41538
Sakuma, T. *see* Yoshida, M. 11441
Sakuma, Y. *see* Awano, Y. 22393
Sakuma, Y. *see* Yokoyama, N. 12905
Sakuraba, H. *see* Fujita, K. 10169
Sakuraba, H. *see* Hagimura, A. 30262
Sakuraba, J. *see* Watanabe, K. 3302
Sakuraba, J. *see* Watanabe, K. 43842
Sakuraba, N. *see* Murata, B.N. 17053
Sakuraba, T. *see* Kyu-Tae Kim 27237
Sakuraba, T. *see* Murayama, Y. 27216
Sakuraba, Y. *see* Uchida, S. 29361

Sakurada, H., Shimotsuma, Y., Kuroda, M., Sakurai, S., Peet, B. A virtual mobile office 57940
Sakuragi, S. *see* Shibata, H. 31907
Sakurai, A., Nakanishi, H., Yoshino, Y., Katayama, Y. Epitaxially grown aluminum film for high-power surface acoustic wave devices 13377
Sakurai, A. *see* Hiroike, A. 25711
Sakurai, A. *see* Hirose, K. 14987
Sakurai, C. *see* Tanaka, K. 55430
Sakurai, H. Decomposing a delta volume into maximal convex volumes and sequencing them for machining 5039
Sakurai, H., Ito, M., Hirano, M., Imagawa, H. Inter-module connections in distributed-processing service control points in the advanced intelligent network and testing of associated hardware 47295
Sakurai, H., Ohki, M., Motojima, K., Kozaki, S. Electromagnetic scattering by the modified Luneberg lens 56010
Sakurai, H. *see* Dave, P. 5531
Sakurai, H. *see* Kyoh, S. 22641
Sakurai, H. *see* Miedzinski, B. 41566
Sakurai, H. *see* Minagawa, H. 33856
Sakurai, H. *see* Ohki, M. 14566
Sakurai, H. *see* Ohki, M. 55992
Sakurai, H. *see* Suzuki, M. 55089
Sakurai, H. *see* Tsukahara, M. 59277
Sakurai, I. *see* Yamamoto, M. 52254
Sakurai, K. A hidden cryptographic assumption in no-transferable identification schemes 4559
Sakurai, K., Inui, K. The basic process parameters and reliability evaluation results for the new IC-Card packaging method by using transfer molding 10080
Sakurai, K., Yamane, Y. Blind decoding, blind undeniable signatures, and their applications to privacy protection 24779
Sakurai, K., Yuliang Zheng On non-pseudorandomness from block ciphers with provable immunity against linear cryptanalysis 24792
Sakurai, K., Zheng, Y. Cryptographic weaknesses in the round transformation used in a block cipher with provable immunity against linear cryptanalysis 56304
Sakurai, K. *see* Burmester, M. 24678
Sakurai, K. *see* Fujihira, T. 13079
Sakurai, K. *see* Kyeong-Sik Min 34385
Sakurai, K. *see* Mambo, M. 4570
Sakurai, K. *see* Ohnishi, K. 1162
Sakurai, K. *see* Okada, M. 35749
Sakurai, M. *see* Inaba, T. 39409
Sakurai, N. *see* Kumozaki, K. 16777
Sakurai, R. *see* Takahashi, M. 41075
Sakurai, S. *see* Sakurada, H. 57940
Sakurai, S. *see* Yoshimi, I. 17649
Sakurai, S. *see* Yoshioka, H. 17648
Sakurai, T., Shimada, E., Ishidaira, Y., Furukubo, T. Development of PC-LAN gateway system 6020
Sakurai, T. *see* Cheng Hai Jin 21127
Sakurai, T. *see* Hayakawa, Y. 30782
Sakurai, T. *see* Kuroda, T. 5023
Sakurai, T. *see* Kuroda, T. 11245
Sakurai, T. *see* Kuroda, T. 21555
Sakurai, T. *see* Nakadai, Y. 46956
Sakurai, T. *see* Nishimaki, J. 3096
Sakurai, T. *see* QikunXue 2001
Sakurai, T. *see* Xue Qikun 30826
Sakurai, T. *see* Yamashita, K. 57779
Sakurai, W. *see* Sassa, T. 4037
Sakurai, Y. *see* Mizuno, K. 19916
Sakurakichi, K. *see* Miyata, H. 37384
Sakural, T., Gartia, R.K. The determination of intrinsic trapping parameters of a thermoluminescence peak of BeO 3582
Sakuta, S., Adachi, M., Ogawa, K., Takasu, N., Ueda, K., Taira, K., Nakano, T. Precision table control system by friction drive for optical disk mastering machine 27887
Sakuta, T. *see* Paul, K.C. 43470
Sakuta, T. *see* Takashima, T. 19399
Sakuta, T. *see* Takashima, T. 28944
Sakuta, Y., Hata, M., Sekine, Y. A study on frequency control of high-speed frequency switching synthesizer 21783
Sakuta, Y., Mino, H., Sekine, Y. A study on measurement of super low phase noise 27886
Sakutaba, J. *see* Watanabe, K. 13520
Sakuwa, C. *see* Tani, Y. 17665
Sakuyama, S., Uchida, H., Watanabe, I., Natori, K., Sato, T. Reflow soldering using selective infrared radiation 11885
Sala, G., Arboiro, J.C., Luque, A., Zamorano, J.C., Minano, J.C., Dramsch, C., Bruton, T., Cunningham, D. The EUCLIDES prototype: An efficient parabolic trough for PV concentration 38650
Sala, G. *see* Luque, A. 29150
Sala, G. *see* Tatti, M. 17421
Sala, G. *see* Tatti, M. 48569
Sala, J., Vazquez, G. A statistical reference criterion for adaptive filtering 15385
Sala, R. *see* Lami, E. 33839
Sala-Alvarez, J., Vazquez-Grau, G. Statistical reference criteria for adaptive signal processing in digital communications 24999
Salabura, P. Dilepton spectroscopy with HADES at SIS 28050
Salabura, P. *see* Schicker, R. 18140
Salada, M.A. *see* Solomon, S.C. 60062
Salagaj, T. *see* Hwang, C.-Y. 54091
Salagaj, T. *see* Li, Y. 12779
Salager, L. *see* Roche, F.M. 22996
Salagoity, M. *see* Deletage, J.-Y. 30264
Salah, A., Awadelkarim, O.O., Werking, J., Bersuker, G., Chan, Y.D. A comparison between plasma charging-damage and inductive-damage: damage response to Fowler-Nordheim stress 22802
Salahetdinov, I.F. *see* Dianov, E.M. 24177
Salako, Q. *see* Sui Shen 37907
Salam, F., Giuntini, J.C., Soulayman, S.S., Zanchetta, J.V. Survey of the pre-factor of the power-law frequency dependence in the silver conducting chalcogenide glasses 12302
Salam, F.G. *see* Dongmo, J.M. 9649
Salam, F.M. Real-time control and signal processing using specially designed hardware 4709
Salam, F.M. *see* Erten, G. 1632
Salam, F.M.A., Erten, G., Vedula, S., Hwa-Joon Oh Nonlinear projection to submanifolds using neural networks with circuit realization and its application to data reduction 1674
Salam, F.M.A. *see* Benromdhane, S. 4898
Salam, F.W.A. *see* Aziz, M.E.A. 59186
Salam, G.M.A. *see* Hassan, A.A.M. 19633
Salama, A.A. A class of exponential methods for stiff initial-value problems 21166
Salama, A.E. Factored state-space stray-insensitive switched-capacitor filters 11568
Salama, A.T. *see* Yong Qiang Li 23020
Salama, C.A.T. *see* Hansen, F. 6400
Salama, C.A.T. *see* Sowlati, T. 41510
Salama, H.F., Reeves, D.S., Viniotis, Y. Evaluation of multicast routing algorithms for real-time communication on high-speed networks 57786
Salama, I. *see* Riad, S. 12045
Salama, I. *see* Riad, S.M. 53643
Salama, K. *see* Sathyamurthy, S. 23397
Salama, M.M.A. *see* Bouchard, D.E. 19299
Salama, M.M.A. *see* Chow, Y.L. 38921
Salama, M.M.A. *see* Ibrahim, A.I. 19074
Salama, M.M.A. *see* Liu, Y. 13261
Salama, M.M.A. *see* Liu, Y. 32721
Salama, M.M.A. *see* Ng, H.N. 19298
Salama, P., Shroff, N., Delp, E.J. A Bayesian approach to error concealment in encoded video streams 57094
Salama, S., Tadros, Y. Novel soft switching quasi resonant 3-phase IGBT inverter 51230
Salamanca-Riba, L., Li-Hsin Kuo Observation of (100) dark line defects in optically degraded ZnS_xSe_{1-x}-based light emitting diodes by transmission electron microscopy 3629
Salamatin, A. *see* Vylov, T. 7833
Salameh, Z.M. *see* Borowy, B.S. 38668
Salamh, D., Linton, D. Nonlinear transmission line (NLTL) design as a pulse generator 11232
Salami, M., Cain, G. Adaptive hardware optimization based on genetic algorithms 31206
Salami, M. *see* Higuchi, T. 53240
Salami, R. *see* Laflamme, C. 14897
Salamo, G. *see* Dovgalenko, G. 14420
Salamo, G. *see* Dovgalenko, G. 24228
Salamo, G. *see* Dovgalenko, G. 36924
Salamo, G. *see* Hongxing Meng 55853
Salamo, G. *see* Ming-Feng Shih 44741
Salamo, G.J. *see* Chauvet, M. 24104
Salamo, G.J. *see* Shultz, J.L. 24256
Salamov, B.G., Colakoglu, K., Altinndal, S., Oezer, M. A stable discharge glow in gas discharge system with semiconducting cathode 53891
Salamun, I. *see* Mavko, B. 38477
Salaneck, W.R. *see* Barta, P. 23668
Salaneck, W.R. *see* Barta, P. 55449
Salaneck, W.R. *see* Birgerson, J. 13877
Salano, A. *see* Cardarilli, G.C. 41143
Salapura, V. *see* Gschwind, M. 11310
Salari, E. *see* Lin, S. 5194
Salari, E. *see* Lin, S. 57369
Salari, E. *see* Quweider, M.K. 15586
Salari, E. *see* Sheng Lin 57420
Salary, L. *see* Chen, K.-T. 37307
Salary, L. *see* Schlesinger, T.E. 37554
Salas, G.P. *see* Barrera, J. 5246
Salas, T.M. *see* Hoeft, L.O. 48799
Salata, O.V., Dobson, P.J., Sabesan, S., Hull, P.J., Hutchison, J.L. Preparation of nanoparticulate CdS films suitable for opto-electronic device applications 30868
Salata, O.V. *see* Bhat, J.C. 22501
Salathe, R.P. *see* Fonjallaz, P.-Y. 33020
Salathe, R.P. *see* Gusarov, A. 13701
Salathe, R.P. *see* Limberger, H.G. 23473
Salathe, R.P. *see* Limberger, H.G. 43984
Salathe, R.P. *see* Meyer, T. 3370
Salathe, R.P. *see* Meyer, T. 55209
Salathe, R.P. *see* Varelas, D. 55196
Salathe, R.P. *see* Vasiliev, S.A. 13590
Salaun, A.-C., Fortin, B., Mohammed-Brahim, T., Kis-Sion, K., Haji, L., Bonnaud, O. Thin polycrystalline silicon films annealed at 950°C: structural and electrical properties and application to thin film transistors 12985
Salaun, A.C. *see* Mohammed-Brahim, T. 52806
Salaun, M. *see* Destuynder, P. 648
Salaun, S. *see* Lambert, B. 13686
Salaun, S. *see* L'Haridon, H. 14278
Salavani, R. *see* Shaaban, A.H. 29072
Salavy, J.F. *see* Perez Ramirez, A.S. 52848
Salazar, A.O., Stephan, R.M., Dunford, W. A bearingless electrical motor system 29203
Salazar, K.V. *see* Albert, G.W. 43848
Salazar, L.D. *see* Wiechmann, E.P. 60931
Salazar-Nova, E.R. *see* Roa-Sepulveda, C.A. 19550
Salazar-Palma, M. *see* Gentili, G.G. 45454
Salazar-Palma, M. *see* Roy, T. 14581
Salazar-Palma, M. *see* Uckun, S. 56145
Salbeck, J. Electroluminescence with organic compounds 13873
Salbut, L. *see* Kujawinska, M. 183
Salbut, L. *see* Kujawinska, M. 17821
Salcedo, J.R. *see* Pereira, F. 24168
Salcedo, J.R. *see* Sousa, J.M. 33431
Salchenberger, L., Venta, E.R., Venta, L.A. Using neural networks to aid the diagnosis of breast implant rupture 49393
Salcic, Z., Maunder, B. CCSimP–an instruction-level custom-configurable processor for FPLDs 11430
Salcic, Z., Maunder, B. SimP: a core for FPLD-based custom-configurable processors 53311
Salcudean, S.E., Vlaar, T.D. On the emulation of stiff walls and static friction with a magnetically levitated input/output device 55985
Saldanha, A. *see* Agrawal, A. 11351
Saldanha, R.R. *see* Coppoli, E.H.R. 45179
Saldanha, R.R. *see* Vasconcelos, J.A. 51388
Saldanna, A. *see* Lavagno, L. 53255
Saldava, D. *see* Gertners, A. 21772
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Calculation of energy diffusion in an electron beam due to quantum fluctuations of undulator radiation 37040
Saldner, H.O., Huntley, J.N. Profilometry using temporal phase unwrapping and a spatial light modulator-based fringe projector 46456
Saldner, H.O., Molin, N.-E., Mohan, N.K. Desensitized TV holography applied to static and vibrating objects for large deformation measurements 33755
Saldner, H.O. *see* Mohan, N.K. 33757
Sale, T.E., Ohiso, Y., Amano, C., Kurokawa, T. Comparison of quantum well designs for near infra-red (850 nm) semiconductor lasers 33490
Sale, T.E., Roberts, J.S., Woodhead, J., David, J.P.R., Robson, P.N. Visible (683 to 713 nm) room-temperature AlGaAs vertical cavity surface emitting lasers (VCSELs) 44552
Sale, T.E. *see* Hirotani, M. 44294
Sale, T.E. *see* Roberts, J.S. 40487
Saleem, M. *see* Saxena, A.K. 27292
Saleem, M.H. *see* Alabbas, A.M. 8759
Saleem, S.K., Evans, M.J., Skafidas, E. Minimum volume over-bounding ellipsoids for set-based estimation in target tracking applications 45818
Saleemuddin, M. *see* Koneke, R. 36712
Saleh, B.E.A. *see* Hayat, M.M. 15939
Saleh, H., Rana, A.M., Shahid, G.N., Ali, M. Photoconductivity of phenanthrene single crystals 42035
Saleh, H. *see* Tayel, M. 57050
Saleh, K. Synthesis of communications protocols: an annotated bibliography 16081
Saleh, K., Probert, R., Manonmani, I. Recovery of communications protocol design from protocol execution traces 5845
Saleheen, H.I., Ng, K.T. Parallel finite difference solution of general inhomogeneous anisotropic bioelectrostatic problems 59727
Saleheen, H.I. *see* Ng, K.T. 59574
Salehfar, H., Rodick, R. A new method for reliability evaluation of power generating systems 50295
Salehi, C. *see* Atanasov, P. 7459
Salehi, M. *see* Aksu, H.A. 34520
Salehi, M. *see* Arda Aksu, H. 34625
Salehi, M. *see* Duman, T.M. 34502
Salehi, M. *see* Duman, T.M. 34885
Salehpoor, K., Shahinpoor, M., Mojarrad, M. Electrically controllable ionic polymeric gels as adaptive optical lenses 3522
Salem, A.M., Bhatnagar, D., Gandhi, J.M. Effect of electroacoustic waves on radiation properties of microstrip matched coaxial termination 4355
Salem, F.A. An analytic model for estimating the average radar cross section (RCS) for identifying the flickering target 6893
Salem, F.A. *see* El-Khamy, S.E. 58451
Salem, J.R. *see* Karg, S. 13875
Salem, T.E. *see* Haskew, T.A. 19762
Salem, T.E. *see* Stern, H.P. 52049
Salem-Vasconcelos, S., Dietzsch, O. Preparation of thin, homogeneous zinc targets by vacuum evaporation 7773
Saleman, M. *see* Ereau, J.-F. 39923
Salembier, P., Ayuso, X. Very low bit rate video coding using active triangular mesh 25384
Salembier, P., Marques, F., Pardas, M., Morros, J.R., Corset, I., Jeannin, S., Bouchard, L., Meyer, F., Marcotegui, B. Segmentation-based video coding system allowing the manipulation of objects 35181
Salembier, P., Marti, E., Pardas, M. Active mesh coding and rate-distortion theory 57105
Salembier, P. *see* Garrido, L. 56865
Salembier, P. *see* Pardas, M. 25580
Salerno, M., Sargeni, F., Bonaiuto, V. A 9×9 multichip board for cellular neural networks 31433
Salerno, M., Sargeni, F., Bonaiuto, V. 6×6 DPCNN: a programmable mixed analogue-digital chip for cellular neural networks 31439
Salerno, N. *see* Aiello, G. 14520
Salerno, N. *see* Aiello, G. 44868

Salerno, N. *see* Aiello, G. 44907
Salerno, N. *see* Aiello, G. 44948
Salerud, E.G. *see* Asker, C.L. 28288
Sales, B. *see* Franck, L. 46816
Sales, B. *see* Franck, L. 46829
Sales, B.C., Mandrus, D., Williams, R.K. Filled skutterudite antimonides: a new class of thermoelectric materials 2078
Sales, B.C. *see* Wang, B. 19962
Sales, S., Capmany, J., Marti, J., Pastor, D. Experimental demonstration of fiber-optic delay line filters with negative coefficients employing differential detection 13602
Sales, T.R.M., Morris, G.M. Diffractive-refractive behavior of kinoform lenses 33738
Salesin, D.H. *see* Finkelstein, A. 15492
Salesse, A., Alabedra, R., Chen, Y., Lakrimi, M., Nicholas, R.J., Mason, N.J., Walker, P.J. Improved photoluminescence from electrochemically passivated GaSb 54079
Salesse, L. *see* Le Chevalier, R.F. 58448
Salet, P., Starck, C., Plais, A., Lafragette, J.-L., Gaborit, F., Derouin, E., Brillouet, F., Jacquet, J. High-reflectivity semiconductor mirrors for 1.3-μm surface-emitting lasers 23997
Salet, P. *see* Genty, F. 24013
Salet, P. *see* Plais, A. 44571
Saletore, V.A., Neff, T.F. Metasystem: Integrating a parallel computer and a heterogeneous workstation cluster 26100
Saletti, R. *see* Mariani, R. 53229
Saletu, B. *see* Anderer, P. 49592
Salford, L.G. *see* Wirestam, R. 59493
Salgado, P. *see* Blanco, S. 28372
Salgado-Galicia, H., Sirbu, M., Peha, J.M. A narrowband approach to efficient PCS spectrum sharing through decentralized DCA access policies 47577
Sali, S. Experimental and analytical investigations of crosstalk between leaky cables 21999
Sali, S. Measurement techniques for electromagnetic interference testing of modern communication receivers 26492
Sali, S. *see* Singh, R. 41356
Salib, M.S., Petrou, A., Chung, D.D.L. Optomechanical actuator in the form of graphite 3523
Salib, M.S. *see* Yu, W.Y. 32040
Salice, F. *see* Bolchini, C. 31251
Salice, F. *see* Brandolese, C. 11033
Salice, F. *see* Dadda, L. 21618
Salice, F. *see* Pillan, M. 53694
Salih, A. *see* Hadizad, P. 60863
Salih, A.J., Marshall, J.M., Maud, J.M. High-mobility low-threshold-voltage pentacene thin-film transistors prepared at rapid growth rates by pulsed-laser deposition 43086
Salih, M., Tantaratana, S. A closed-loop coherent DS/SS PN acquisition scheme with a pre-loop code phase estimator 34888
Salikaev, Y., Shandarov, S., Kargin, Y. Two-beam coupling in the photorefractive planar $Bi_{12}TiO_{20}/Bi_{12}GeO_{20}$ waveguide in the presence of external square-wave field 13657
Salikhov, Kh.M. *see* Slobadchikov, S.V. 12330
Salikhov, Kh.N. *see* Slobodchikov, S.V. 44251
Salim, M.A. *see* Guile, A.E. 53896
Salim, S., Wang, C.A., Driver, R.D., Jensen, K.F. In situ concentration monitoring in a vertical OMVPE reactor by fiber-optics-based Fourier transform infrared spectroscopy 30816
Salim, S. *see* Wang, C.A. 40322
Salimov, E.H. *see* Govorov, A.N. 37159
Salin, F. *see* Aka, G. 14037
Salin, F. *see* Aka, G. 14409
Salin, F. *see* Antonetti, A. 14076
Salin, V.I., Denbnovetskii, S.V. Structure of the equivalent circuit of a radiation detector with signal accumulation 48505
Salinas, J., Bernecky, W.R. Real-time sonar beamforming on a MasPar architecture 16983
Salinas, J., Park, N., Arunkumar, U., Lombardi, F. Conformance testing of time-dependent protocols 5844
Salinas, J. *see* Tong Liu 32514
Salisbury, C., Melhem, R. Modeling compiled communication costs in multiplexed optical networks 44145
Salisbury, M.S. *see* Richmond, R. 8673
Saliu, S. Single-trial estimation of evoked potentials using complementary filters 28322
Saljic, D. *see* Bojic, M. 51865
Salk, M. *see* Eiche, C. 10592
Salk, M. *see* Fiederle, M. 10593
Salk, M. *see* Fiederle, M. 37321
Salkauskas, K. *see* Franke, R. 517
Salkind, A.J., Kantner, E., Grun, C. Diffusion limitations to cycle life of nickel-zinc batteries and effects of vibration and rotation 61053
Salkind, A.J. *see* Grun, C. 61050
Salkintzis, A.K., Chatzis, S., Chamzas, C. An energy-efficient protocol for mobile computing environments 25963
Salkinzis, A.K., Chamzas, C. Mobile packet data technology: an insight into MOBITEX architecture 47575
Sal'kov, E.A. *see* Gasan-zade, S.G. 42037
Sallagoity, P., Ada-Hanifi, M., Paoli, M., Haond, M. Analysis of width edge effects in advanced isolation schemes for deep submicron CMOS technologies 2791
Sallam, M. *see* Kumar, S. 59444
Sallam, S., Karaballi, A.A. A quartic C^3-spline collocation method for solving second-order initial value problems 10438
Sallberg, S.A., Welsh, B.M., Rogemann, M.C. Maximum a priori estimation of wavefront slopes using a Hartmann wavefront sensor 25263
Salle, M. *see* Sahraoui, B. 24153
Salle, M. *see* Sahraoui, B. 55861
Sallee, D., Pendleton, M. Powering ADSL: new chip technology will reduce ADSL power consumption and cost 38859
Sallent, O., Agusti, R. Adaptive algorithms for improving the throughput in an indoor mobile S-ALOHA DS-CDMA system 26546
Sallent, S. *see* Casademont, J. 47628
Sallent, S. *see* Hesselbach, X. 46755
Sallent, S. *see* Mata, J. 5773
Sallinen, S. *see* Ruha, A. 37805
Salliot, H. *see* Pigini, A. 8923
Salloum, A., Lena, R. Optimum equalizer for coherent radio receivers 6461
Salloum, A. *see* Benvenuto, N. 6557
Salloum, G. Modelling applications in material processing 52202
Salloum, H.R. Delay analysis for fiber to the curb systems using ATM 6836
Salloway, A.J. The active control of underwater sound using piezoelectric materials 48493
Salloway, A.J., Millar, C.E. Active vibration and noise control 7108
Salman, E.G. *see* Fainer, N.I. 40546
Salman, S.K. Discrimination between 3-phase fault currents and circulating currents measured at the source of 11 kV radial feeders 8870
Salman, S.K. The impact of embedded generation on voltage regulation and losses of distribution networks 28881
Salman, Z.K., Jones, S.H., Weikle, R.M., Aylor, J.H. An integrated, wireless microinstrument for monitoring skin temperature 18208
Salmanov, V.M., Mamedbeili, I.A., Guseinov, E.K., Agaeva, A.A. Electric-field-controlled attenuator of laser radiation 33608
Salmanov, V.M. *see* Kalafi, M. 3576
Salmenkivi, M. *see* Arjas, E. 417
Salmer, G. Field effect transistors for power applications in millimetre wave range 53610
Salmer, G., De Jaeger, J.C., Langrez, D., Kolanowski, C., Duhamel, F. Specific methodology for the design of new monolithic millimeter wave integrated circuits. Combination of several simulation and modeling tools 53690
Salmer, G. *see* Ajram, S. 53027
Salmer, G. *see* Fawaz, H. 54822
Salmer, G. *see* Langrez, D. 53593
Salmer, G. *see* Thiery, J.F. 54352
Salmeri, M. *see* Cardarilli, G.C. 1214
Salmeri, M. *see* Cardarilli, G.C. 41143
Salmeron Revuelta, P., Montano Asquerino, J.C. Active filters simulation to correct the power factor using PSPICE 8800
Salminen, A. *see* Zhigang Qu 39458
Salmio, R.-P., Saarinen, J., Turunen, J., Tervonen, A. Graded-index diffractive structures fabricated by thermal ion exchange 55295
Salmon, A.P. *see* White, P.R. 37765
Salmon, A.P. *see* White, P.R. 49533
Salmon, B. *see* Fraser, N.M. 46971
Salmon, D.P. *see* Iragui, V. 18404
Salmon, J.C., Bocancea, E., Bhargava, R., Nowicki, E. SCR harmonic correction topologies for VSI drives 19854
Salmon, J.C., Bocancea, E., Bhargava, R., Nowicki, E. SPICE3 simulation techniques in power electronics 20133
Salmon, J.C. *see* Ashrafzadeh, F. 38727
Salmon, J.C. *see* Mohamadian, M. 19750
Salmon, N.A. *see* Anderton, R.N. 58856
Salmon-Cox, P.H. Energy efficiency initiatives in emerging markets and developing countries 28982
Salmond, D. *see* Gordon, N. 26987
Salmonsson, J. *see* Sipus, Z. 14572
Salnick, A., Jean, C., Mandelis, A. Noncontacting photothermal radiometry of SiO_2/Si MOS capacitor structures 54277
Salnikov, A.A. *see* Achasov, M.N. 37251
Salo, J. *see* Collander, P. 16392
Salo, J. *see* Taskinen, J. 18189
Salokatve, A. *see* Jalonen, M. 41774
Saloma, C. *see* Daria, V.R. 36447
Saloma, C. *see* Mar Blanca, C. 15584
Salomaa, A. Conjugate words, cuts of the deck and cryptographic protocols 46776
Salomaa, M.M. *see* Friberg, A.T. 45158
Salomatin, Yu. *see* Antipov, Yu. 37230
Salomon, C. *see* Laurent, P. 27221
Salomon, L., de Fornel, F., Chen, Y. Effect of the characteristics of the tip fiber on the detection of the near field and on the image formation with the PSTM 43933
Salomon, M. *see* Croce, F. 29561
Salomon, P., Fossum, E., Clark, C., Dennison, E. Active pixel sensors for autonomous spacecraft applications 59884
Salomon, P. *see* Clark, C. 59883
Salomon, P.R. International cooperation in microsystem technology 23087
Salomon, R. The influence of different coding schemes on the computational complexity of genetic algorithms in function optimization 10379
Salomonsson, D.J., Hirokawa, J., Kildal, P.-S., Tengs, A. Corrugated soft sector horn with different beam properties in the two principal planes 45404
Salomonsson, G. *see* Floreby, L. 18294
Salomonsson, G. *see* Gansler, T. 6009
Salomonsson, G. *see* Hansson, M. 45753
Salon, S., Bhatia, S., Burow, D. Some aspects of torque calculations in electrical machines 50994
Salonen, H. *see* Kultti, K. 40003
Salonen, J., Laine, E. The quenching and recovery of photoluminescence in porous silicon 1971
Salonen, J., Lehto, V.-P., Laine, E. Thermal oxidation of free-standing porous silicon films 32207
Salonen, O. *see* Stocker, A. 18250
Salous, S., Bajj, M., Nikandrou, N. Wideband channel characterisation with a chirp sounder 36045
Salous, S., Nikandrou, N., Bajj, N. An ASIC solution for mobile radio channel sounders 6599
Salov, G.I. *see* Kazantsev, I.G. 38032
Salov, G.I. *see* Kazantsev, I.G. 46285
Salowe, J.S. *see* Ganley, J.L. 10308
Salpala, A. *see* Eskelinen, P. 27282
Salpala, A. *see* Eskelinen, P. 47592
Salsano, A. *see* Cardarilli, G.C. 1214
Salsano, S. *see* Ronchetti, L. 47230
Salsberg, C. *see* Assmann, R. 49112
Salsuno, S. *see* Corti, S. 6292
Saltel, E. *see* Borouchaki, H. 40260
Salter, A. Architecting IN from a user behavior perspective–a wireless view 26307
Salter, I.W. *see* Atkinson, R. 13438
Salter, L. User participation in standardization new or merely recycled? 16149
Salter, M.J. *see* Alexander, M.J. 24569
Salter, M.M. *see* Kim, R.Y. 28412
Salter, W. *see* Kehr, J. 28589
Saltiel, S., Koynov, K., Buchvarov, I. Self-induced transparency and self-induced darkening with a nonlinear frequency-doubling polarization interferometer 4046
Saltiel, S., Koynov, K., Buchvarov, I. All-optical signal switching by Twyman Green interferometer with nonlinear frequency-doubling mirrors 14383
Saltiel, S., Tanev, S., Boardman, A.D. High-order nonlinear phase shift caused by cascaded third-order processes 33676
Saltykov, D. *see* Drobakhin, O. 45092
Saltz, J. *see* Chialin Chang 58241
Saltz, J. *see* Uysal, M. 47217
Saltzberg, B.R. *see* Herzberg, H. 24670
Saltzberg, M., Neller, A.L., Harvey, C.S., Borninski, T.E., Gordon, R.J. Using polymer thick film for cost effective EMC protection on PCBs for automotive applications 20199
Saludjian, L. *see* Meysenc, L. 31087
Saluja, K.K. *see* Chou, R.M. 53169
Saluja, K.K. *see* Wen Xiaoqing 11336
Saluja, K.K. *see* Wen Xiaoqing 21653
Salvachua, J. *see* Quemada, J. 26337
Salvador, A. *see* Kim, W. 30832
Salvador, A. *see* Mohammad, S.N. 52636
Salvador, A. *see* Morkoc, H. 12362
Salvador, A. *see* Sverdlov, B.N. 21269
Salvador, A. *see* Tsen, K.T. 31940
Salvador, L. *see* Navarrete, B. 38609
Salvador, L.de *see* de Salvador, L.
Salvatore, L. *see* Dell'Aquila, A. 9209
Salvatore, M. *see* Alfano, B. 28268
Salvatore, R.A. *see* Eliyahu, D. 33472
Salvatore, U. *see* Gamba, P. 57235
Salvetti, M. *see* Camensig, C. 51417
Salvetti, O. *see* Moltedo, L. 46288
Salvi, A. Definition of the requirements for the lighting and the optics for a vision system used in order to measure mechanical parts with high accuracy 46042
Salvi, D. *see* Mojoli, G.A. 31254
Salvi, F. *see* Montagna, P. 28313
Salvia, M. *see* Ceysson, O. 11005
Salviati, G. *see* Holt, D.B. 39036
Salviati, G. *see* Mazzer, M. 40479
Salviati, G. *see* Zeng, W. 22319
Salvini, A. *see* Geri, A. 20050
Salvo, G.C.De *see* De Salvo, G.C.
Salvo, L.De *see* De Salvo, L.
Salvo, R.De *see* De Salvo, R.
Salyuk, V.P. *see* Surdu, M.N. 51241
Salza, E. *see* Ventura, L. 39008
Salzman, P. *see* Loewenhardt, P.K. 54478
Sam Chung Chong *see* Chong Sam Chung
Sam Chung Weon *see* Weon Sam Chung
Sam Kyu Noh *see* Jae-Young Leem 689
Sam Park Kyung *see* Kyung Sam Park
Sam-Dong Kim, Sung-Gon Jin, Mi-Ran Hong, Chung-Tae Kim Rapid thermal process for enhancement of collimated titanium nitride barriers 42541
Sam-Kyu Noh *see* Cheul-Ro Lee 688
Sam-Yong Bahng, Dong-Soon Kang, Jeong-Cheol Kim, Chung, D.T., Pi, J.Y., Tang, T.C., Tak Wong A multi-standard video compact disk encoder with built-in on screen display 56806
Samaan, M.M., Cook, S.C. Configuration of flight test telemetry frame formats 8239

Samad, A.K.Abdul *see* Abdul Samad, A.K.
Samad, N.A. *see* Grzyll, L.R. 28492
Samad, S.A. Link transmission-line modelling of wave digital filters 31396
Samadi, B. *see* Benmohamed, L. 26195
Samanta, P., Sarkar, C.K. Analysis of positive charge trapping in silicon dioxide of MOS capacitors during Fowler-Nordheim stress 42317
Samanta, P., Sarkar, C.K. Modeling of trapped hole induced MOS device degradation during Fowler-Nordheim stress 42337
Samanta, P.K. *see* Uryasev, S.P. 9040
Samara, N.A. Satellite radio broadcasting for the developing world 7054
Samaras, G., Citron, A., Kshemkalyani, A. Reconciling chained and unchained transactional support for distributed systems 46727
Samaras, G. *see* Nikolopoulos, S.D. 34766
Samaras, J. *see* Fraas, L. 38991
Samaras, T. *see* Krikelas, G. 28459
Samarasekera, S., Udupa, J.K., Miki, Y., Luogang Wei, Grossman, R.I. A new computer-assisted method for the quantification of enhancing lesions in multiple sclerosis 59452
Samarasooriya, V.N.S., Varshney, P.K. A fuzzy modeling approach to decision fusion under uncertainty 24975
Samarati, P. *see* De Capitani di Vimercati, S. 16327
Samaraweera, N., Fairhurst, G. Explicit loss indication and accurate RTO estimation for TCP error recovery using satellite links 46734
Samarina, E.V. *see* Serkin, V.N. 33622
Samarina, E.V. *see* Vysloukh, V.A. 33000
Samartsev, I.E. *see* Chernikov, S.V. 13998
Samartsev, I.E. *see* Chernikov, S.V. 33418
Samartsev, I.E. *see* Gapontsev, V.P. 13997
Samartsev, V.V. *see* Kalachev, A.A. 4010
Samartsev, V.V. *see* Kalachev, A.A. 14288
Samartsev, V.V. *see* Kalachev, A.A. 14403
Samartsev, V.V. *see* Shegeda, A.M. 14402
Samaulah, H., Itagaki, K., Sugawara, A., Maruyama, T., Kitamura, H. Switching characteristics of two parallel-connected triggered vacuum gaps 60943
Samavedam, S.B., Fitzgerald, E.A. Novel dislocation structure and surface morphology effects in relaxed Ge/Si-Ge(graded)/Si structures 41837
Samavedam, S.B., Kvam, E.P., Ford, G., Wessels, B.W., Chin, T.P., Woodall, J.M. Defect structures in GaP/Si 726
Sambasivam, M. *see* Ghoshal, R. 52213
Sambataro, S. *see* Aiello, S. 1483
Sambataro, S. *see* Aiello, S. 49328
Sambe, Y. *see* Nakajima, M. 46098
Sambell, A., Lowes, P., Korolkiewicz, E. Removal of surface-wave induced radiation nulls for patch antennas integrated with vehicle windscreens 24561
Sambhwani, S. *see* Ginesta, X. 5339
Sambi, M., Sangiovanni, G., Granozzi, G., Parmigiani, F. Growth and the structure of epitaxial VO_2 at the TiO_2(110) surface 52614
Sambles, J.R. *see* Kitson, S.C. 13682
Sambles, J.R. *see* Martin, A.S. 53817
Sambucetti, C.J. *see* Saraf, R.F. 12021
Samec, T.K. *see* Hauss, B.I. 28707
Samedov, S. *see* Vertiy, A.A. 11661
Samejima, K. *see* Iwakiri, T. 7087
Samejima, Y. *see* Komukai, T. 22033
Samelis, A., Pavlidis, D. Analysis of the large-signal characteristics of power heterojunction bipolar transistors exhibiting self-heating effects 54582
Samelis, A., Pavlidis, D., Chandrasekhar, S., Lunardi, L.M., Rios, J. Large-signal characteristics of InP-based heterojunction bipolar transistors and optoelectronic cascode transimpedance amplifiers 12891
Sameshima, K. *see* Shioda, S. 35645
Sameshima, K. *see* Suu, K. 2918
Sameshima, K. *see* Suu, K. 52796
Sameshima, T., Takashima, N. Optical characterization of laser-induced crystallized silicon films 12152
Sameshima, Y., Fukazawa, T., Kobayashi, K., Matsuhiro, K. Module/board test method with the boundary-scan technique 31605
Samet, D. Hypothetical knowledge and games with perfect information 21046
Sami, A. *see* Moya, G. 32613
Sami, M. *see* Antola, A. 31250
Sami, M. *see* Yilbas, B.S. 18509
Sami, M.G. *see* Mojoli, G.A. 31254
Sami Hinedi *see* Million, S. 6707
Samid, I. *see* Gilor, J. 55616
Samiee, M. *see* Moini, R. 35932
Samiee, M. *see* Tavakoli, A. 34349
Samier, L., Mattei, J.-M. The N4 plant series: examination of the intermediate safety report 50698
Samiev, L., Mattei, J. Control and protection schemes in the forth series of French nuclear plants 29015
Samimy, B., Rizzoni, G., Sayeed, A.M., Jones, D.L. Design of training data-based quadratic detectors with application to mechanical systems 17809
Saminadayar, L. *see* Kumar, A. 12469
Samitier, J. *see* Benitez, M.A. 13174
Samitier, J. *see* Garrido, B. 32077
Samitz, U., Thuries, E. The RPH2 synchronous operation controller 51381
Samiuddin, M., Biyari, K.H. A comparative study of higher-order differential phase shift keying schemes over AWGN and Rayleigh fading channels 16558
Samlenski, R., Gartner, H., Locher, R., Koidl, P., Brenn, R. Liftoff-technique of single-crystal diamond plates: study of the lattice damage of the implanted substrates and the crystalline quality of the homoepitaxial films by ion channelling 41881
Samm, R. *see* Orton, H.E. 50586
Samman, A. *see* Hensel, W. 60459
Samman, J. Strategy for application of non-destructive testing to maintenance of nuclear power plants 50702
Sammarco, J.J. A guidance sensor for continuous mine haulage 30105
Sammataro, R.F. Containment in-service inspection: where do we go from here? 29009
Sammelselg, V. *see* Bichevin, V. 1903
Sammes, N., Tompsett, G., Yuanji Zhang, Cartner, A., Torrens, R. The structural and mechanical properties of $(CeO_2)_{1-x}(GdO_{1.5})_x$ electrolytes 51534
Sammes, N. *see* Phillipps, M. 51514
Sammes, N. *see* Takeda, Y. 29618
Sammler, R.L. *see* Im, J. 52212
Sammons, D. Client/server architecture: an alternative view 35724
Sammouda, R., Niki, N., Nishitani, H. Hopfield neural network with prespecified time convergence for the segmentation of brain MR images 18249
Sammouda, R., Niki, N., Nishitani, H. A comparison of Hopfield neural network and Boltzmann machine in segmenting MR images of the brain 28241
Samms, R.W. *see* Overton, R.H. 60138
Sammueller, R. Cabled to the future 35892
Sammut, C. *see* Squires, B. 45688
Sammut, C. *see* Zrimec, T. 35304
Sammut, C. *see* Zrimec, T. 49519
Sammut, R.A. *see* Ansari, N.A. 44670
Samoc, A. *see* Samoc, N. 44255
Samoc, N., Samoc, A., Luther-Davies, B., Dowd, A., McDonnell, M. Photocurrent autocorrelation of femtosecond laser pulses in poly(p-phenylenevinylene) 44255
Samoggia, G. *see* Parmigiani, F. 2961
Samoilenko, M. Method of boundary SIE in diffraction by an array of strips 45025
Samoilis, G.V. *see* Levi, R. 19926
Samoilis, V.G. *see* Levi, R. 19926
Samoilov, A.G., Samoilov, S.A., Polushin, P.A. High-power high-frequency transistor generators 40868
Samoilov, N.A., Shutov, S.V. Use of triethyl gallium to dope silicon epitaxial layers 22536
Samoilov, S.A. *see* Samoilov, A.G. 40868
Samoilov, V.P. *see* Stefanov, V.A. 46043
Samoilova, T.B. *see* Vendik, O.G. 41432
Samojlov, I.S. *see* Bochkov, V.D. 24377
Samokhin, A.B. Numerical method for solving of three-dimensional scattering problems from penetrable body 45012
Samonas, M., Petrou, M., Ioannides, A.A. Identification and elimination of cardiac contribution in single-trial magnetoencephalographic signals 59531
Samori, C. *see* Ghioni, M. 1199
Samori, C. *see* Zappa, F. 58769
Samorski, M. *see* Krawczynski, H. 37287
Samoska, L. *see* Agarwal, B. 53590
Samoto, N. *see* Itani, T. 32278
Samoto, N. *see* Itani, T. 32315
Samoto, N. *see* Itani, T. 42830
Samoto, N. *see* Yoshino, H. 42831
Samotyj, M. *see* Robert, A. 8733
Samou, J.C., Chabras, B., Godlewski, P., Najm, E. Experiences with a constraint-based approach for network partitioning 47278
Samouelian, A. Use of inductive learning for speech processing 45655
Samovkhvalov, A.A. *see* Gizhevskii, B.A. 32153
Sampaio, E.E.S., Popov, M.M. Zero-order time domain scattering of electromagnetic plane waves by two quarter spaces 56000
Sampaio, R.J.B.De *see* De Sampaio, R.J.B.
Sampath, A. *see* Korakakis, D. 21265
Sampath, B., Ye Li, Ray Liu, K.J. A subspace based blind identification and equalization algorithm 5683
Sampath, H.W. *see* Kulratna, N. 40915
Sampe, S. *see* Otsuki, S. 47745
Sampei, S. *see* Ikeda, T. 47700
Sampei, S. *see* Jeong, J.-W. 16650
Sampei, S. *see* Naijoh, M. 24642
Sampei, S. *see* Sasaki, A. 26572
Sampietro, M. *see* Bertuccio, G. 37497
Sampietro, M. *see* Bertuccio, G. 59339
Sampietro, M. *see* Fasoli, L. 59306
Sampietro, M. *see* Gauthier, C. 59190
Sampietro, M. *see* Romano, G. 54802
Sampson, D.D. *see* Cahill, M.J.L. 3835
Sampson, D.D. *see* Holloway, W.T. 23779
Sampson, D.D. *see* Keating, A.J. 26790
Sampson, D.D. *see* Pendock, G.J. 26801
Sampson, D.G., Papadimitriou, D.V., Chamzas, C. Post-processing of block-coded images at low bit rates 57082
Sampson, R.K. *see* Conrad, K.A. 2343
Sampson, S.E. Ramifications of monitoring service quality through passively solicited customer feedback 52081
Samson, A.M. *see* Kotomtseva, L.A. 44328
Samson, B.A. *see* Afanas'ev, A.A. 33615
Samson, B.A. *see* Afanas'ev, A.A. 44326
Samson, B.N. *see* Loh, W.H. 14013
Samson, B.N. *see* Loh, W.H. 23810
Samson, B.N. *see* Loh, W.H. 44394
Samson, B.N. *see* Schweizer, T. 44379
Samson, D. *see* Challis, D. 9974
Samson, S.A., Tavlykaev, R.F., Ramaswamy, R.V. Two-section reversed $\Delta\beta$ switch with uniform electrodes and domain reversal 23578
Samsonov, A.M. *see* Dreiden, G.V. 33623
Samsonov, S.V. *see* Bratman, V.L. 3674
Samsonov, V. *see* Murphy, C.T. 49262
Samsonov, V.S. *see* Tubis, Ya.B. 61220
Samuda, E.F. *see* Buckstad, R.D. 59945
Samuel, A.E., Chao, M. Screen-based 3D object recognition and assembly 35306
Samuel, A.R. *see* Gulski, E. 19333
Samuel, G. *see* Kol, R. 41108
Samuel, I.D.W. *see* Fiorini, C. 33706
Samueli, H. *see* Jind-Yeh Lee 47796
Samuels, D. *see* Farrell, T. 2500
Samuels, D. *see* Maurer, W. 2507
Samuelson, L. *see* Anand, S. 54246
Samuelson, L. *see* Carlsson, N. 40336
Samuelson, L. *see* Deppert, K. 12241
Samuelson, L. *see* Mailath, G.J. 40018
Samuelson, L. *see* Maximov, I. 42534
Samuelson, L. *see* Montelius, L. 42199
Samuelson, L. *see* Ramvall, P. 22374
Samuelson, L. *see* Seifert, W. 40320
Samuelson, L. *see* Seifert, W. 40372
Samuelson, L.A. *see* Alva, K.S. 7439
Samuila, A., Dascalescu, L. Charging of cylindrical insulating particles in mono-ionized fields 33842
Samuila, A. *see* Iuga, A. 39450
Samuilov, V. *see* Bondarionok, E. 31787
Samukawa, S., Nakano, T. New ultrahigh-frequency plasma discharge for large-scale etching processes 12716
Samukawa, S., Ohtake, H., Mieno, T. Pulse-time-modulated electron cyclotron resonance plasma discharge for highly selective, highly anisotropic, and charge-free etching 12733
Samukawa, S., Ohtake, H., Tsukada, T. Effect of supplied substrate bias frequency in ultrahigh-frequency plasma discharge for precise etching processes 12731
Samukawa, S. *see* Nakahara, Y. 2807
Samulski, E.T. *see* Hanlin Wang 24149
Samwer, K. *see* Seng, P. 43814
Samy, A.M. *see* Sattar, A.A. 31863
San, B.K., Wheeler, R.I. Performance comparison of discrete and buried capacitors 52235
San Emeterio, J.L. Determination of electromechanical coupling factors of low Q piezoelectric resonators operating in stiffened modes 32752
San Guan Tut *see* Tut San Guan
San Martin, C. *see* Zamanillo, J. 5953
San Miguel, M. *see* Martin-Regalado, J. 14101
san Miguel, M. *see* Martin-Regalado, J. 33482
San Miguel, M. *see* Martin-Regalado, J. 55676
San Miguel, M. *see* Martin-Regalado, J. 55700
San Vicente, K. *see* O'Donnell, M. 18366
San-Huang Ke *see* Ke San-Huang
San-Kan Lee *see* Ching-Wen Yang 28484
San-Liang Lee, Tauber, D.A., Jayaraman, V., Heimbuch, M.E., Coldren, L.A., Bowers, J.E. Dynamic responses of widely tunable sampled grating DBR lasers 14147
San-Liang Lee *see* Mason, B. 33545
San-Qi Li, Chia-Lin Hwang On the convergence of traffic measurement and queueing analysis: a statistical-matching and queueing (SMAQ) tool 35646
San-Qi Li *see* Fulton, C. 6331
San-Qi Li *see* Yongdong Zhao 5790
San-Yih Hwang *see* Jenq Kuen Lee 47141
Sana, P. *see* Krygowski, T. 39089
Sanad, M. A compact dual-broadband microstrip antenna having both stacked and planar parasitic elements 34217
Sanad, M. Non-planar shorted double C-patch antennas for portable communication equipment 34261
Sanada, H., Suzuki, M., Nagai, N. Analysis of resonant tunneling using the equivalent transmission-line model 54718
Sanada, K. *see* Yamamoto, R. 3004
Sanada, M., Morimoto, S., Takeda, Y. Interior permanent magnet linear synchronous motor for high performance drives 29680
Sanada, M. *see* Morimoto, S. 29679
Sanada, N. *see* Fukuda, Y. 2358
Sanada, N. *see* Iijima, T. 2909
Sanada, S. *see* Takahashi, S. 58306
Sanada, Y., Qiang Wang A co-channel interference cancellation technique using orthogonal convolutional codes on multipath Rayleigh fading channel 36009
Sanada, Y. *see* Morimoto, T. 11770
Sanada, Y. *see* Takeda, D. 26530
Sanagi, M. *see* Kagawa, T. 21517
Sanahuja, I.C. *see* Camps, A. 28653
Sanaye-Pasand, M., Malik, O.P. Implementation and laboratory test results for a new fuzzy logic based PSS 19128

Sanaye-Pasand, M., Malik, O.P. Power transmission lines fault direction estimation using artificial neural networks 19323
Sancer, M.I., Jin, J.M., Ni, S.S., Lee, S.W. Comments on "Hybridization of SBR for scattering by large bodies with cracks and cavities" [and reply] 14565
Sancha, J.L., Llorens, M.L., Moreno, J.M., Meyer, B., Vernotte, J.F., Price, W.W., Sanchez-Gasca, J.J. Application of long-term simulation programs for analysis of system islanding 50300
Sanche, L. *see* Cloutier, P. 1751
Sanchez, A. *see* Bonal, J. 30168
Sanchez, A. *see* Bonal, J. 43191
Sanchez, A.D. *see* Taylor, E.W. 44124
Sanchez, A.V. *see* Gomez Vela, D. 1204
Sanchez, A.Vizcaino *see* Vizcaino Sanchez, A.
Sanchez, C. Mexican realization of a cryogenic current comparator 27829
Sanchez, C. *see* Lopez, S. 17149
Sanchez, C. *see* Sahu, S.N. 822
Sanchez, C. *see* Yelmo, J.C. 16282
Sanchez, D., Pommet, D.A., Fiddy, M.A. Compact optical correlator for machine vision with optically addressed bacteriorhodopsin spatial light modulator 33207
Sanchez, E. *see* Perez-Uribe, A. 11630
Sanchez, E. *see* Perez-Uribe, A. 53491
Sanchez, E. *see* Vega, J. 4488
Sanchez, F., Chardon, A. Transverse modes in microchip lasers 23863
Sanchez, F., Chardon, A. Pump size optimization in microchip lasers 44423
Sanchez, F. *see* Colin, S. 33402
Sanchez, F. *see* Plaza, A. 41601
Sanchez, F. *see* Porras, E. 37353
Sanchez, F.H. *see* Desimoni, J. 12643
Sanchez, F.J. *see* Calleja, E. 44213
Sanchez, F.J.G. *see* Latif, Z. 22862
Sanchez, F.J.G. *see* Latif, Z. 32436
Sanchez, F.J.G. *see* Ortiz-Conde, A. 32431
Sanchez, G. *see* Polo, M.C. 40600
Sanchez, H., Kuttanna, B., Olson, T., Alexander, M., Gerosa, G., Philip, R., Alvarez, J. Thermal management system for high performance PowerPC™ microprocessors 41233
Sanchez, H. *see* Alvarez, J. 1193
Sanchez, H. *see* Bult, K. 17268
Sanchez, I. *see* Lopez, S. 17149
Sanchez, J., Galindo, A., Khan-Afshar, K., Warzanskyj, W. Multiwavelength interfaces for broadband network elements 26753
Sanchez, J., Martin, A., Escamilla, J. Point to multipoint access network management 35622
Sanchez, J.-L., Charitat, G., Tranduc, H., Rossel, P., Austin, P., Rossel, F., Behrens, F.H. Latch-up mechanism at turn-on induced by the subthreshold current in MOS thyristor and MCT devices 40895
Sanchez, J.-L., Rios, J., Berriane, R., Jalade, J., Austin, P. New high voltage switches: spontaneously fired MOS-thyristor devices 51171
Sanchez, J.-L. *see* Patel, Y. 21493
Sanchez, J.A. *see* Krawczynski, H. 37287
Sanchez, J.E., Jr. *see* Brown, D.D. 42744
Sanchez, J.E., Jr. *see* Nucci, J.A. 22609
Sanchez, J.M. *see* Lanchares, J. 31223
Sanchez, L. Cost effective small hydro control 19597
Sanchez, M. *see* Tan, J. 46834
Sanchez, M.C. *see* Alcala, E.M. 7276
Sanchez, M.C. *see* Alcala, E.M. 43625
Sanchez, M.C. *see* Favieres, C. 3193
Sanchez, M.C. *see* Prieto, J.L. 7536
Sanchez, M.C. *see* Rodriguez, M. 3070
Sanchez, M.G. *see* Hammoudeh, A.M. 45132
Sanchez, M.L., Valenzuela, R., Vazquez, M., Hernando, A. Circumferential permeability in nonmagnetostrictive amorphous wires 3042
Sanchez, M.L. *see* Tejedor, M. 3057
Sanchez, M.L. *see* Tejedor, M. 23312
Sanchez, P., Hidalgo, I. System level fault simulation 31241
Sanchez, P. *see* Alcala, E.M. 7276
Sanchez, P. *see* Alcala, E.M. 43625
Sanchez, P. *see* Favieres, C. 3193
Sanchez, P. *see* Prieto, J.L. 7536
Sanchez, P. *see* Rodriguez, M. 3070
Sanchez, P.B. *see* Segura, A.N. 9387
Sanchez, S., Montero de Espinosa, F.R. Modeling (2-2) piezocomposites partially sliced in the polymer phase 54912
Sanchez, S. *see* Briot, O. 30839
Sanchez, S. *see* Laire, O. 10710
Sanchez, T., Carrasco, A. Electrifying Peru [hydroelectric power] 19596
Sanchez, V.E. *see* De La Torre, A. 24859
Sanchez Garcia, J., Galindo Gonzalez, A., Larraz Iribas, M. Polarization mode dispersion power penalty; influence of rise/fall times, receiver Q and amplifier noise 16706
Sanchez Hubert, J. *see* Rappaz, J. 30677
Sanchez Li, J.L., de Amorim, H.S., Amaral, M.R., Jr., Domingues, P.H. New $Nd_3(Fe,Ti)_{29}$-type compounds in the Nd-Fe-Mo system 3043
Sanchez Olias, J. *see* Garcia Poza, M.M. 10868
Sanchez Palencia, E. *see* Rappaz, J. 30677
Sanchez Royo, J.F. *see* Errandonea, D. 22284
Sanchez-Aranjo, J., Marcos, S. Statistical analysis of the propagator method for DOA estimation without eigendecomposition 4687
Sanchez-Araujo, J. *see* Marcos, S. 15329
Sanchez-Dehesa, J.-M. *see* Gonzalo, C. 56452
Sanchez-Garcia, M.A. *see* Calleja, E. 44213
Sanchez-Gasca, J.J., Clark, K., Miller, N.W., Okamoto, H., Kurita, A., Chow, J.H. Identifying linear models from time domain simulations 50457
Sanchez-Gasca, J.J. *see* Okamoto, H. 50322
Sanchez-Gasca, J.J. *see* Sancha, J.L. 50300
Sanchez-Hernandez, D., Passiopoulos, G., Ferrando, M., de los Reyes, E., Robertson, I.D. Dual-band circularly polarised microstrip antennas with a single feed 14764
Sanchez-Hernandez, D., Robertson, I.D. A survey of broadband microstrip patch antennas 24551
Sanchez-Hernandez, D. *see* Robertson, I.D. 21902
Sanchez-Mondragon, J.J. *see* Castillo, M.D.I. 4022
Sanchez-Mondragon, J.J. *see* Garcia-Quirino, G.S. 33678
Sanchez-P., J.-A., Venieris, I.S., Protonotarios, E.N. On the definition of ATM traffic descriptors for LAN sources 6182
Sanchez-Rinza, B. *see* Gutierrez-Martinez, C. 36080
Sanchez-Rojas, J.L. *see* Calleja, E. 44213
Sanchez-Sinencio, E. *see* Fan You 11196
Sanchez-Sinencio, E. *see* Gunhee Han 5544
Sanchez-Sinencio, E. *see* Gunhee Han 31435
Sanchez-Sinencio, E. *see* Lobato-Lopez, F. 1664
Sanchez-Sinencio, E. *see* Perez-Aloe, R. 21799
Sanchez-Sinencio, E. *see* Pineda de Gyvez, J. 35107
Sanchez-Sinencio, E. *see* Varrientos, J.E. 1182
Sanchez-Sinencio, F. *see* Cruz-Orea, A. 1968
Sanchez-Sinencio, F. *see* Delgadillo, I. 31802
Sanchez-Solano, S. *see* Baturone, I. 1629
Sanchez-Solano, S. *see* Baturone, I. 31403
Sanchis, E. *see* Espi, J.M. 51854
Sanchis, E. *see* Maset, E. 51203
Sanchis Kilders, E. *see* Garcia Gil, R. 11175
Sanchis Kilders, E. *see* Garcia Gil, R. 13462
Sanchiz, J.M., Inesta, J.M., Pla, F. A neural network-based algorithm to detect dominant points from the chain-code of a contour 15538
Sancho, E.G. *see* Ozols, A. 2077
Sancho, E.Maset *see* Maset Sancho, E.
Sancho, J.M. *see* Dellunde, J. 33550
Sancho, N.G.F. The hierarchical network design problem with multiple primary paths 10325
Sanctis, E.De *see* De Sanctis, E.
Sand, A. *see* Wanet, P.M. 49487
Sand, K. *see* Robert, A. 8733
Sandakly, F. *see* Giraudon, G. 46294
Sandalidis, H.G., Angelakis, C.T., Liodakis, G.S., Stavroulakis, P.P. Hopfield neural network-based implementation of dynamic channel assignment in cellular mobile communication systems 26599
Sandalov, A.N. *see* Dovbnya, A.N. 49099
Sandbank, C.P. Fibre for media services delivery–promises kept and broken! 58570
Sandberg, C., Kuse, G., Rafferty, N.R., McBride, W.E. Secondary factors in electrical heat tracing design 51833
Sandberg, I.W. *see* Johnson, K.K. 45850
Sandberg, P. *see* Schedin, E. 11835
Sandborg, M. *see* Larsson, J.P. 8213
Sandborn, P. Optimizing the design of high-density systems 332
Sandborn, P., Spletter, P. A comparison of routing estimation methods for microelectronic modules 52270
Sandborn, P.A. *see* Murphy, C.F. 31614
Sandeep Gupta *see* Chen-Yang Pan 31132
Sandel, B. *see* Beauchamp, P.M. 36693
Sandell, N.R., Jr *see* Pepyne, D.L. 60129
Sandelski, J. *see* Mor-Avi, V. 37732
Sandeman, D.R. Neurosurgery and technology 18484
Sanden, B., Ildstad, E., Hegerberg, R. Space charge accumulation and conduction current in XLPE insulation 43573
Sanden, M.C.M.van de *see* van de Sanden, M.C.M.
Sander, G. *see* Walker, B. 8339
Sander, R.K. *see* Quagliano, J.R. 60087
Sander-Larsen, J. *see* Gislason, F. 19720
Sanders, A. *see* Grove, J.R. 8244
Sanders, A.B. *see* LaBel, K.A. 43327
Sanders, D. *see* Bogacz, S.A. 27987
Sanders, D.A., Stott, I.J., Goodwin, M.J., Tewkesbury, G.E., Cawte, H., Poland, G.A. Computer systems and strategies to assist a disabled person in navigating a powered wheelchair through a doorway 59822
Sanders, D.A. *see* Bogacz, S.A. 49259
Sanders, G.A., Szafraniec, B., Liu, R.-Y., Laskoskie, C., Strandjord, L., Weed, G. Fiber optic gyros for space, marine and aviation applications 27610
Sanders, G.D., Sun, C.-K., Golubovic, B., Fujimoto, J.G., Stanton, C.J. Carrier-carrier scattering in the gain dynamics of $In_xGa_{1-x}As/Al_yGa_{1-y}As$ diode lasers 3859
Sanders, J., Wan, W., Harris, V., Newton, D., Tylinski, G., Wolschon, M., Imamura, J. Compact airborne staring FPA sensor with microscanning 28544
Sanders, J.E., Garbini, J.L., Leschen, J.M., Allen, M.S., Jorgensen, J.E. A bidirectional load applicator for the investigation of skin response to mechanical stress 49394
Sanders, J.E. *see* Zachariah, S.G. 18538
Sanders, J.S. Ground vehicle thermal signature modeling and validation for hardware-in-the-loop imaging infrared sensor testing 28518
Sanders, M. *see* McMillian, G. 31309
Sanders, M.M. *see* Dissado, L.A. 58091
Sanders, P., Rhodes, S., Patel, A. Auctioning by satellite using trusted third party security services 6693
Sanders, P.A., Collins, B.L. Post-occupancy evaluation of the Forrestal Building 39416
Sanders, P.D. Considerations for operations training on retrofit DCS control systems 9081
Sanders, P.W. *see* Morrissey, J.P. 16228
Sanders, R.C., Rabehl, R.J., McGee, M.W. Weir flow meter for saturated liquid helium [and application to accelerator magnet cooling] 48451
Sanders, S.J. *see* Anderko, A. 61046
Sanders, S.R. *see* Hofmann, H. 29311
Sanders, S.R. *see* Hofmann, H. 29794
Sanders, S.R. *see* Sullivan, C.R. 53023
Sanders, T.J., Means, D.P., Hess, G.T. Design for manufacturability through the use of statistical simulation 145
Sanders, T.J. *see* Arif uz Zaman, M. 844
Sanders, W.H. *see* Kant, L. 46640
Sanders-Reed, J.N. Vehicle real-time attitude estimation system (VRAES) 50261
Sanderson, A.C. *see* Joshi, R. 15418
Sanderson, P.M. *see* Moray, N. 60484
Sanderson, R.A. *see* Steinfeld, G. 19660
Sanderson, R.B. Infrared missile warning sensors 8684
Sanderson, R.B. *see* Montgomery, J.B. 8685
Sanderson, T.M. *see* Graham, G.M. 38135
Sandford, M.T., II. *see* Handel, T.G. 25939
Sandford, N. Multimedia–a European perspective 35830
Sandford, S.P., Stevens, W.T., Schott, T.D. Transfer of electronic oscillator frequency stability to laser frequency: an all solid-state approach to laser frequency control 27283
Sandgren, S. *see* Henriksson, A. 36613
Sandham, W.A., Thomson, D.C., Hamilton, D.J. ECG compression using artificial neural networks 59662
Sandham, W.A. *see* Xu, W. 49381
Sandhofner, M. Examples of applications for the Wittenstein planetary roller screw 61202
Sandholdt, P., Ritchie, E., Pedersen, J.K., Betz, R.E. A dynamometer performing dynamical emulation of loads with nonlinear friction 9633
Sandhoo, A.S., Sarnot, S.L. World electronics industry developments 39957
Sandhu, A. *see* Fang-Fang Yin 28159
Sandhu, G. *see* Nagabushnam, R.V. 22494
Sandick, H. *see* Callon, R.W. 6202
Sandick, H. *see* Doeringer, W. 35734
Sandige, R.S. Obtaining J-K, D, and T excitation equations directly from state transition diagrams 11261
Sandini, G., Argyros, A., Auffret, E., Dario, P., Dierickx, B., Ferrari, F., Frowein, H., Guerin, C., Hermans, L., Manganas, A., Mannucci, A., Nielsen, J., Questa, P., Sassi, A., Scheffer, D., Woelder, W. Image-based personal communication using an innovative space-variant CMOS sensor 26072
Sandini, G. *see* Capurro, C. 15571
Sandini, G. *see* Capurro, C. 35213
Sandini, G. *see* Ferrari, F. 6006
Sandini, G. *see* Questa, P. 36696
Sandler, E.A., Gusev, D.A., Milman, G.Y. Hybrid algorithms for digital halftoning and their application to medical imaging 56844
Sandler, H. *see* Antonuk, L.E. 59463
Sandler, M. *see* Dunn, C. 58596
Sandler, M. *see* Price, M. 1577
Sandler, M.B., Kudumakis, P., Magrath, A.J. Audio coding for mobile multimedia communications 47393
Sandler, N.P. *see* McKinley, K.A. 40544
Sandler, N.P. *see* Wai Shing Lau 42532
Sandler, P. Recent developments in telecommunications policy in the European Union 57700
Sandler, P.H., Bogacz, S.A., Cline, D.B. Muon cooling and acceleration experiment using muon sources at TRIUMF 7738
Sandler, S.S. *see* King, R.W.P. 34039
Sandmann, J.H.H. *see* Grosse, S. 42212
Sandmo, H. *see* Steinsland, E. 13183
Sandner, W. *see* Kalashnikov, M.P. 14055
Sandner, W. *see* Nickles, P.V. 44369
Sandner, W. *see* Will, I. 7642
Sando, M. *see* Nagai, T. 2942
Sandolache, G. *see* Zoita, V. 29481
Sandor, B.I. *see* Ju, S.H. 30382
Sandor, B.I. *see* Ju, S.H. 30968
Sandor, S., Leahy, R. Surface-based labeling of cortical anatomy using a deformable atlas 28214
Sandouly, C. *see* Bachir, S. 33248
Sandoval, F. *see* Camacho, P. 56781
Sandoval, S.G., Hersee, S.D., Paxton, A.H., McInerney, J.G. Continuous graded cavity for unstable resonator laser diodes by laser-assisted chemical etching 3919
Sandovskii, V.A. *see* Dyakin, V.V. 48849
Sandoz, E. *see* Calatroni, J. 7649

Sandoz, P. Linear approximation of the coherence function of a white light source for efficient phase-shifting interferometry 17819
Sandoz, P., Devillers, R., Plata, A. Unambiguous profilometry by fringe-order identification in white-light phase-shifting interferometry 48916
Sandoz, P., Gharbi, T., Tribillon, G. Phase-shifting methods for interferometers using laser-diode frequency-modulation 4160
Sandri, A. *see* Pellizzoni, R. 45581
Sandri, G. *see* Krishnamoorthy, R. 14535
Sandri, P.Levi *see* Levi Sandri, P.
Sandro, J.P.de *see* de Sandro, J.P.
Sandrone, G. *see* Porta, A. 37816
Sands, D. *see* Aperathitis, E. 51578
Sands, D. *see* Dyer, P.E. 40625
Sands, M. *see* Bane, K.L.F. 17995
Sands, R.H. *see* Filter, W.F. 49364
Sands, R.H. *see* Moon, N. 49363
Sandstede, B. *see* Alexander, J.C. 55231
Sandstrom, G., Backstrom, A., Olsson, K.A. REMAC: a video-based motion analyser interfacing to an existing flexible sampling system 28248
Sandstrom, L., Ahlberg, H., Hojer, S., Larsson, A.G., Backstrom, S. Near-infrared semiconductor lasers for gas analysis operating in the 2-μm range 17575
Sandstrom, R. *see* Morton, R.G. 2481
Sandu, A. *see* Jay, L.O. 40210
Sandu, V. *see* Verardi, P. 40626
Sandukovskij, V.G. *see* Vylov, T. 7833
Sandusky, J.V., Brueck, S.R.J. Observation of spontaneous emission microcavity effects in an external-cavity surface-emitting laser structure 23881
Sandven, S. *see* Dayton, D. 15943
Sandven, S.S. *see* Gonglewski, J.D. 27649
Sandweiss, J. *see* van Steenbergen, A. 49031
Sandwith, C.J., Ruedisueli, R.L., James, A.L., Gotthardt, G.A. Resistance of steel strength wires used in small fiber-optic cables to seawater corrosion 35895
Sandys-Wunsch, M. *see* Swift, M. 25229
Saneifard, S., Prasad, N.R., Smolleck, H.A. A fuzzy logic approach to unit commitment 60316
Sanemasa, I. *see* Toda, K. 7473
Saner, M., Golder, M., Tanner, W. The country needs new cables!–really? [communication cables] 6429
Saner, T. Storage and archiving of audio and video signals 36348
Saneyev, B.G. *see* Merenkov, A.P. 50688
Saneyoshi, K. Drive assist system using stereo image recognition 29863
Sanfeliu, A. *see* Sainz, M. 15563
Sanford, J. *see* Johansson, M. 33997
Sanford, J. *see* Lindmark, B. 34448
Sanford, J.R., Tengs, A. A two substrate dual polarised aperture coupled patch 34308
Sanford, N.A. *see* Amin, J. 14014
Sanford, T.W.L., Marder, B.M., Spielman, R.B., Nash, T.J., Douglas, M., Deeney, C., Struve, K., Mock, R.C., Seamen, J.F., McGurn, J.S., Jobe, D., Gilliland, T.L., Vargas, M., Apruzese, J.P., Thornhill, J.W., Pulsifer, P.E., Whitney, K.G., Davis, J., Cochran, S.L., Velikovich, K.G., Weber, B.V., Peterson, G., Mosher, D., De Groot, J.S., Hammer, J.H. Uniform fill improves K-shell power relative to annular fill for argon gas puffs on Saturn 7753
Sang, B., Konagai, M. Self-limiting growth of transparent conductive ZnO films by atomic layer deposition [for solar cells] 39137
Sang Baosheng *see* Baosheng Sang
Sang Chil Lee, Young Bong Kang, Doo Chul Kim, Jai Yon Ryu, Nam Lyong Kang, Sang Don Choi Magnetophonon and electrophonon resonances in quantum wires 54189
Sang Cho Kyung *see* Kyung Sang Cho
Sang Chung Hee *see* Hee Sang Chung
Sang Don Choi *see* Sang Chil Lee 54189
Sang Dong Kim, Parter, S.V. Preconditioning Chebyshev spectral collocation method for elliptic partial differential equations 21194
Sang Dong Kwon *see* Tai-Su Park 42593
Sang Dong Yoo, Kae Dal Kwack Electron mobility in HgCdTe using relaxation time approximation 31833
Sang Dong Yoo, Kae Dal Kwack Theoretical calculation of electron mobility in HgCdTe 41926
Sang Duck Kim *see* Sung Ho Cho 56486
Sang Feng Ting *see* Li Bin 3698
Sang Fengting *see* Duo Liping 23755
Sang Go Jeung *see* Jeung Sang Go
Sang Hak Lee *see* Jung Ho Park 44190
Sang Hee Suh *see* Jong Hyeong Song 33265
Sang Ho Lee *see* Byeong Ho Oh 16099
Sang Ho Lee *see* Woo Goo Park 5806
Sang Ho Park, Il Dong Yun, Sang Uk Lee Color image segmentation using clustering based on mathematical morphology 15680
Sang Hong Ki *see* Ki Sang Hong
Sang Hwa Lee, Choong Woong Lee A new space-adaptive regularized constrained iterative image restoration algorithms and analysis of convergence condition 56982
Sang Hwan Kung *see* Pyeong Jung Kim 57922
Sang Hyun Kim *see* Tae Young Ma 21322
Sang In Lee *see* Han Sin Lee 2361
Sang In Lee *see* Soon Oh Park 1350
Sang Jang Ki *see* Ki Sang Jang
Sang Jeong Won *see* Won Sang Jeong
Sang Jeun In *see* In Sang Jeun
Sang Jik Kwon *see* Hyung Soo Uh 53957
Sang Jin Kim, Hyun Chul Kang, Hae Jin Kim, Hee Kuck Oh, Young Shik Moon, Sung Han Park Seodang: a desktop video conferencing system for collaborative learning 57976
Sang Joon Han *see* Seog Nam Kim 29047
Sang Kim Chong *see* Chong Sang Kim
Sang Koh Jai *see* Jai Sang Koh
Sang Ku Kim *see* Joon Il Moon 57065
Sang Kyoon Kim, Dae Wook Kim, Hang Joon Kim A recognition of vehicle license plate using a genetic algorithm based segmentation 57308
Sang Kyoon Kim *see* Dae Wook Kim 57040
Sang Kyu Jin *see* Yong Hoon Kang 44757
Sang Lee Eung *see* Eung Sang Lee
Sang Lee Kye *see* Kye Sang Lee
Sang Man Lee *see* Chan Park 57827
Sang Mok Chang *see* Su-An Choi 36774
Sang Ng Tung *see* Tung Sang Ng
Sang Nong *see* Nong Sang
Sang Ryong Kim *see* Moo Young Kim 15100
Sang Seol Lee *see* Seungwon Choi 34839
Sang Shin Cheol *see* Cheol Sang Shin
Sang Tae Lee *see* Dae Ik Kim 11446
Sang Tzu-Hsien *see* Tzu-Hsien Sang
Sang Uk Lee *see* Bong Seop Song 34718
Sang Uk Lee *see* Chang Woo Lee 46118
Sang Uk Lee *see* Dong Sik Kim 35293
Sang Uk Lee *see* Sang Ho Park 15680
Sang Uk Lee *see* Tae Ho Kim 22573
Sang Uk Lee *see* Yong Kwan Kim 15974
Sang Wenbin, Qian Yongbiao, Min Jiahua, Mo Yaowu, Chen Peifeng, Wang Linjun, Wu Wenhai, Chen Gaoting Study on some key technologies for InGaAsP/InP buried heterostructure formed by liquid phase epitaxy 10683
Sang Wenbin, Zhou Shuquan, Wu Wenhai Investigation of equilibrium partial pressures over $(Hg_{1-x}Cd_x)_yTe_{1-y}$ (y<0.5) melts 30701
Sang Won Kang, Byung Soo Jeon, Jae Soo Yoo, Jong Duk Lee Optical characteristics of the phosphor screen in field-emission environments 58925
Sang Wook Lee *see* Lin, S. 5080
Sang Wook Lee *see* Lin, S. 46425
Sang Wu Kim *see* Ho Kyu Choi 47551
Sang Wu Kim *see* Young Jo Bang 6482
Sang Yong Kim *see* Joon Chung 6753
Sang Yong Moon *see* Jung Woo Park 16085
Sang Youl Kim *see* Soonil Lee 22543
Sang Yun Lee, Chan Geun Yoon, Choong Woong Lee Digital baseband demodulator for binary FSK signals 47549
Sang-Bae Kim, Jae-Deuk Lee On the validity of estimating axial nonuniformity of photon density from output power ratio in uniform grating DFB lasers 23908
Sang-Bae Kim, Jong-Sup Cho Effect of residual facet reflectivity on the front-rear correlation and nonlinearity of L-I characteristics in quarter-wavelength-shifted DFB lasers 23976
Sang-Bae Kim, Jong-Sup Cho Sampled grating conventional DFB lasers with fabricability and high immunity to the spatial-hole burning 55690
Sang-Bae Lee *see* Dong-Seong Park 5835
Sang-Bae Lee *see* Dong-Seong Park 5837
Sang-Bae Yi, Seon-Ju Kim, Sung-Bae Lee, Kwang-Yell Seo A study of the blocking oxide-nitride interface traps in scaled MONOS structures for low-voltage NVSMs 22465
Sang-Baeck Yoon, Jung-Pyo Hong Construction of equivalent circuit and characteristic analysis of permanent-split condenser induction motor 29291
Sang-Baeck Yoon, Young-Jung Kim, Hak-Lyun Kim Position control of the linear DC motor for carrier in seek motion 51046
Sang-Baeck Yoon *see* Chang-Eob Kim 50981
Sang-Bo Lee *see* Jei-Hwan Yoo 1335
Sang-Bo Lee *see* Kyuchan Lee 53291
Sang-Bong Yoo *see* In-Ho Song 29455
Sang-Bum Park, A. *see* Meggers, J. 58147
Sang-Cheol Lee *see* Il-Kwon Kim 41170
Sang-Cheol Scol *see* Gwan-Soo Park 43704
Sang-Cheon Kim *see* Do-Hyun Park 23866
Sang-Chul Lee *see* Myung-Sung Lee 58211
Sang-Chul Shin, Seong-Jin Ahn, Jin-Wook Chung An efficient polling protocol for the management information gathering over TCP/IP 57663
Sang-Don Jung, Taehyoung Zyung, Woohong Kim, Chittibabu, K.G., Tripathy, S.K. Polymer light emitting devices based on the urethane substituted polythiophene 55465
Sang-Don Jung *see* Jang-Joo Kim 12003
Sang-Don Jung *see* Taehyoung Zyung 13856
Sang-Dong Lee *see* Moon-Deock Kim 24017
Sang-Durk Park *see* Chang-Soo Huh 50610
Sang-Gee Kang, Il-Kyoo Lee Cancellation performance of a linearisation loop of a feedforward amplifier 40930
Sang-Gi Kim *see* Chang-Il Kim 54528
Sang-Gi Kim *see* Hyun-Tae Choi 12257
Sang-Gi Kim *see* Kwang-Jae Jeong 47272
Sang-Gi Lee, Hyunsang Hwang, Jae-Gyung Ahn, Ju-Young Jeong, Yungseon Eo, Oh-Kyong Kwon, Chang-Hyo Lee Analysis of electron mobility in LDD region of nMOSFET 43014
Sang-Gul Lee *see* Jae-Ik Woo 12981
Sang-Gyu Park *see* Yongqian Liu 3609
Sang-Gyu Park *see* Yongqian Liu 53515
Sang-Hee Kang, Kwang-Ho Kim, Yong-Cheol Kang, Il-Dong Kim, Jong-Keun Park Development of a digital distance relaying algorithm based on artificial neural networks 50622
Sang-Hee Suh, Sung-Wook Moon, Jong-Hyeong Song MOVPE growth of (100) HgCdTe with good surface morphology and electrical properties 30777
Sang-Heon Lee *see* Dong-Seong Park 5837
Sang-Ho Lee *see* Hong-Kyoo Choi 60743
Sang-Hoon Choi *see* Chung-Wook Suh 58044
Sang-Hoon Lee, Kyung-Ho Kim, Jin-Kyu Park, Chang-Hoon Choi, Jeong-Taek Kong, Won-Woo Lee, Wong-Seong Lee, Jei-Hwan Yoo, Soo-In Cho A realistic methodology for the worst case analysis of VLSI circuit performances 13105
Sang-Hoon Lee *see* Hanbin Kim 11285
Sang-Hoon Lee *see* Hyoung-Sub Kim 1357
Sang-Hoon Lee *see* Jin-Kyu Park 13104
Sang-Hui Park *see* Joung-Ouk Kim 57868
Sang-Hui Park *see* Seok-Pil Lee 18541
Sang-Hun Hyun *see* Moon-Ho Jo 43425
Sang-Hwan Lee *see* Nara Hwang 3842
Sang-Il Lee *see* Ho-Sook Lee 58319
Sang-In Lee *see* Il-Kwon Kim 41170
Sang-Jin Jung, Yanagida, H. The characterization of a CuO/ZnO heterocontact-type gas sensor having selectivity for CO gas 48709
Sang-Jin Kim *see* Young-Ho Lee 41412
Sang-Jo Lee *see* Byung-Kwon Min 59004
Sang-Joon Ilan *see* Yang-Gyun Oh 29002
Sang-Joon Kim *see* Jae-Hong Han 28895
Sang-Joon Kim *see* Yong-Kwan Lee 8724
Sang-Joong Lee *see* Yong-Yoo Kim 60581
Sang-June Bae *see* Ki-Youn Joe 19877
Sang-Keun Kwon, Young-Seek Oh, Dong Shin Seo Fast M-band orthogonal wavelet transform algorithm when base length equals 2M 41331
Sang-Ki Yun, Hai-Young Lee Wideband impedance analysis of a grounded bondwire buried in epoxy molding compounds 39807
Sang-Koo Chung *see* Jin-Young Jung 54572
Sang-Koo Chung *see* Seung-Youp Han 54634
Sang-Koo Chung *see* Yong-Sung Chung 2130
Sang-Koo Park *see* Hee-Dae Kim 22244
Sang-Koo Park *see* Sang-Wan Ryu 41924
Sang-Kyu Lee, Oh, A.D., Hyeong-Ali Choi Optimal transmission schedules in WDM broadcast-and-select networks with multiple transmitters and receivers 58404
Sang-Mo Shin *see* Jae-Suk Lee 48733
Sang-Moon Lee, Chin Young Lee, Myung Cheol Joe Magnetic analysis of the deflection yoke system on the Intel Paragon parallel machine 55960
Sang-Myung Kim *see* Il-Hyeong Lee 53576
Sang-Ok Han *see* Do Nam-Kung 8912
Sang-Rok Oh *see* Bum-Jae You 25797
Sang-Shin Lee, Sang-Yung Shin Polarisation-insensitive digital optical switch using an electro-optic polymer rib waveguide 33124
Sang-Shin Yoo, Jung-Cheor Kim, Young-Kung Kim, Jung-Shik Park, Kyung-Hoon Jang, Duck-Jin Kim Design and implementation of the interworking function for call processing control between B-ISDN and N-ISDN 47484
Sang-Sik Ahn, Voltz, P.J. Convergence of the delayed normalized LMS algorithm with decreasing step size 15336
Sang-Sik Ahn, Voltz, P.J. Convergence of the DLMS algorithm with decreasing step size 15415
Sang-Sik Yang *see* Eui-Hyeok Yang 48925
Sang-Sik Yang *see* Ok-Chan Jeong 29910
Sang-Soo Choi *see* Di Fabrizio, E. 42886
Sang-Soo Choi *see* Jin-Hee Lee 13015
Sang-Soo Han *see* Byung-Hyuk Jun 55374
Sang-Soo Lee, Laber, C.A. A 3.5 in 230 Mbytes read-channel chip set for magneto-optical disk drives 1623
Sang-Soo Lee *see* Chang-Hee Lee 16708
Sang-Uk Kim, Wan-Sik You, Young-Seok Kim Speed sensorless vector control of induction motors using two degree of freedom controller 9233
Sang-Uk Kim, Wan-Sik You, Young-Seok Kim Chattering reduction of sliding mode controller using binary disturbance observer 29252
Sang-Uk Lee *see* Hoon Paek 57095
Sang-Wan Ryu, Hee-Dae Kim, Sang-Koo Park, Weon Guk Jeong, Byung-Doo Choe Dependence of anisotropic strain relaxation on composition of lattice-mismatched InGaAsP 41924
Sang-Wan Ryu, Il-Kyo Kim, Weon Guk Jeong, Byung-Doo Choe, Seoung-Hwan Park Theoretical investigation of gain and linewidth enhancement factor for 1.55-μm tensile strained quantum-well lasers 55597
Sang-Wan Ryu *see* Hee-Dae Kim 22244
Sang-Won Nam *see* Bong-Soo Kim 50492
Sang-Wook Bae *see* Kee-Sang Lee 30374
Sang-Wook Kim *see* Han-Yang You 6049
Sang-Wook Lee, Yong-Wook Kim, Yong-Kweon Kim Determination of dielectric constant of dielectric particles using negative dielectrophoresis 36851
Sang-Yi Yi *see* Seung-Hyun Lee 48408
Sang-Youp Synn Performances of matrix storage schemes in parallel finite element analysis 52584
Sang-Yun Yi, Sang-Yung Shin, Yong-Sung Jin, Yung-Sung Son Blue light generation in a lithium

tantalate waveguide domain-inverted by heat treatment with a mask 44715
Sang-Yung Shin *see* Min-Cheol Oh 3455
Sang-Yung Shin *see* Min-Cheol Oh 44025
Sang-Yung Shin *see* Sang-Shin Lee 33124
Sang-Yung Shin *see* Sang-Yun Yi 44715
Sangaletti, L. *see* Depero, L.E. 30906
Sangaletti, L. *see* Ferroni, M. 52829
Sangalli, N., Semeraro, Q., Tolio, T. Performance of genetic algorithms in the solution of permutation flowshop problem 21113
Sangbo Kim *see* Collins, R.W. 39125
Sangdon Lee *see* Jeonghwan Son 2686
Sangeeta *see* Sabharwal, S.C. 37263
Sanger, G.M., Selby, V.H. Parasitic flight instruments–an old concept that fits in today's faster, better, cheaper generation 49936
Sanggeon Lee *see* Yen-Kuang Kuo 3776
SangGi Byeon *see* JooSung Jun 34220
Sangha, P. *see* Lai, H.C. 50904
Sanghadasa, M. Application of wavelet transform in characterization of nonlinear optical materials 24181
Sanghadasa, M. *see* Aggarwal, M.D. 10631
Sanghadasaa, M., Barr, T.A., Bin Wu, Clomenil, D., Yufeng Tong, Bhat, K.N., Clark, R.D., Penn, B.G. Investigation of solvent effect on optical nonlinearity of organic molecules 24217
Sanghavi, J.V. *see* Ranjan, R.K. 1054
Sanghera, H. *see* Massi, M. 48194
Sanghoon Song, Aizawa, K., Hatori, M. A blind adaptive array based on CMA and LMS 56225
Sanghun Shin *see* Young-Nam Hwang 12500
Sanghun Shin *see* Young-Nam Hwang 22392
Sanghvi, N.T., Fry, F.J., Bihrle, R., Foster, R.S., Phillips, M.H., Syrus, J., Zaitsev, A., Hennige, C. Microbubbles during tissue treatment using high intensity focused ultrasound 28413
Sanghvi, N.T. *see* Maass-Moreno, R. 18363
Sanghvi, S.H., Sathe, P.M. Magnetic stimulation of the brain. Comparison of circular coil v/s. double coil 7861
Sanghyun Ahn, Du, D.H.C. A multicast tree algorithm considering maximum delay bound for real-time applications 57989
Sanghyun Park, Weaver, J.N. The SSRL linacs for injection to the storage ring and RF gun testing 37140
Sangiorgi, E. *see* Fischer, B. 22858
Sangiorgi, E. *see* Ghetti, A. 43019
Sangiovanni, G. *see* Sambi, M. 52614
Sangiovanni-Vincentelli, A. *see* Charbon, E. 11114
Sangiovanni-Vincentelli, A. *see* Felt, E. 11104
Sangiovanni-Vincentelli, A. *see* Jain, J. 30508
Sangiovanni-Vincentelli, A. *see* Jain, J. 53165
Sangiovanni-Vincentelli, A. *see* Narayan, A. 11363
Sangiovanni-Vincentelli, A. *see* Passerone, C. 41226
Sangiovanni-Vincentelli, A. *see* Ranjan, R.K. 1054
Sangiovanni-Vincentelli, A. *see* Vassiliou, I. 11115
Sangiovanni-Vincentelli, A. *see* Yakovlev, A. 31199
Sangiovanni-Vincentelli, A.L. *see* Agrawal, A. 11351
Sangiovanni-Vincentelli, A.L. *see* Charbon, E. 11093
Sangiovanni-Vincentelli, A.L. *see* Kirkpatrick, D.A. 11362
Sangiovnni-Vincentelli, A.L. *see* Shiple, T.R. 11287
Sangiri, A.K. *see* Sabharwal, S.C. 37263
Sangjae Lee Versatile logic gate filter based on the competition of couplings 44132
Sangjoong Kim, Yonggil Kim, Kangbin Yim, Hwaja Chung, Kyunghee Choi, Yongdeak Kim, Gihyun Jung A fast motion estimator for real-time system 46303
Sangmin Lee *see* Jangwoo Kwon 59803
Sangodkar, S.G. *see* Sharma, G.D. 3611
Sangodkar, S.G. *see* Sharma, G.D. 32082
Sangodkar, S.G. *see* Sharma, G.D. 42041
Sangodkar, S.G. *see* Sharma, G.D. 51603
Sangpisit, W. *see* Kiranon, W. 41316
Sangro, R.De *see* De Sangro, R.
Sangseol Lee *see* Doseon Yun 34036
Sangster, A.J., McColl, I. Bifurcated waveguide fed broadwall slots radiating through a baffle 14755
Sangster, T.C. *see* Fessenden, T.J. 59135
Sangster, T.C. *see* Friedman, A. 59103
Sangtae Park *see* Motamedi, M.E. 54856
Sangtae Park *see* Motamedi, M.E. 58848
Sanguineti, A. *see* Grazia Giri, M. 23231
Sanguinetti, S. *see* Brusaferri, L. 12378
Sangwon Yun *see* Okhyun Jeong 56185
Sangwook Nam *see* Eungsu Kim 34110
Sangwook Nam *see* Myun-Joo Park 4319
Sangwook Nam *see* Myun-Joo Park 31458
Sangyeun Cho, Gyungho Lee Reducing coherence overhead in shared-bus multiprocessors 16095
Sanhu Wang *see* Wang Sanhu
Sani, R.L. *see* Kelkar, A.S. 30758
Saniee, I. Optimal routing designs in self-healing communications networks 16120
Saniie, J., Jin, X.M. Spectral analysis for ultrasonic nondestructive evaluation applications using autoregressive, Prony, and multiple signal classification methods 8577
Sanin, S.L *see* Arkusha, Yu.V. 11691
Saniter, J., Hermes, T., Hubk, U., Westphal, F.-J. Increasing the capacity of passive optical networks in the subscriber region using the wavelength multiplex technique 58371
Saniter, J. *see* Hilbk, U. 6754
Saniter, J. *see* Hilbk, U. 58332
Sanjeevan, K. *see* Delgado, A. 427
Sanjo Lee, Byeong Kwon Ju, Yun Hi Lee, Jeon, D., Myung Hwan Oh Fabrication and field emission study of gated diamondlike-carbon-coated silicon tips 53966
Sanjo Lee, Sunnup Lee, Sungwoon Lee, Jeon, D., Kwang-Ryeol Lee Self-aligned silicon tips coated with diamondlike carbon 53968
Sanjoh, H. *see* Yasaka, H. 36104
Sanjuan, T. *see* Casademont, J. 47628
Sanjurjo, N.L. *see* Coelho, A.A. 30706
Sankapal, A.M. *see* Kakatkar, S.V. 23341
Sankar, A., Neumeyer, L., Weintroub, M. An experimental study of acoustic adaptation algorithms 15093
Sankar, A. *see* Abrash, V. 15097
Sankar, C. Video-conferencing in a classroom 9896
Sankar, K.Vijaya *see* Vijaya Sankar, K.
Sankar, P.V. *see* Ferrari, L.A. 580
Sankar, P.V. *see* Harashima, M. 4810
Sankar, P.V. *see* Harashima, M. 52544
Sankar, S.G. *see* Denes, L.J. 55341
Sankaran, J.K., Suchitra Mouly, V. Public-sector vs. private-sector R&D in India: a comparative analysis of two R&D teams 9962
Sankaran, V., Embrechts, M.J., Harsson, L.-E., Kraft, R.P. Back-propagation applications in electronics manufacturing–solder joint classification 53808
Sankaran, V., Embrechts, M.J., Harsson, L.-E., Kraft, R.P., Millard, D.L. Applications of back-propagation in printed wiring board inspection 10187
Sankaran, V., Walsh, J.T., Jr. Dynamic measurement of laser-induced changes in rat tail tendon birefringence 8036
Sankaran, V. *see* Embrechts, M.J. 11914
Sankaran, V. *see* Kalukin, A.R. 20976
Sankaran, V.A. *see* Pao, Y.-H. 31110
Sankaran, V.A. *see* Van Godbold, C. 21481
Sankaranarayana, R.S. Tracking the P-NP boundary for well-covered graphs 21077
Sankaranarayanan, V. *see* Gokulakrishnan, S. 35373
Sankaranayanan, K. *see* Wei Jiang 22550
Sankararaman, M.R. *see* Sen Gupta, A. 48956
Sankarasubramanian, V., Bhatia, D. Multiway partitioner for high performance FPGA based board architectures 1766
Sankarayya, N., Roy, K., Bhattacharya, D. Algorithms for low power FIR filter realization using differential coefficients 53442
Sankawa, I. *see* Izumita, H. 33014
Sankovitch, M.J. *see* Worcester, A.W. 61003
Sankpal, A.M. *see* Kakatkar, S.V. 13431
Sanku, A.C.R. *see* Bankapur, R.J. 16431
Sankur, B. *see* Yemez, Y. 57286
Sankur, H.O. *see* Motamedi, M.E. 58848
Sankur, H.O. *see* Svoronos, S.A. 10856
Sanli Li *see* Li Sanli
Sanlie Cui *see* Cui Sanlie
Sanna, U. *see* Atzeni, C. 48734
Sannemo, U. *see* Nilsson, H.-E. 9867
Sanner, M.A., Park, J.Y. Microwave compatible electromagnetic valve for plasma deposition studies 1895
Sannino, M. *see* Caddemi, A. 13022
Sannino, M. *see* Caddemi, A. 13023
Sannino, M. *see* Caddemi, A. 21917
Sannino, M. *see* Caddemi, A. 41453
Sannino, M. *see* Caddemi, A. 53600
Sannino, M. *see* Di Paola, A. 7553
Sanniti di Baja, G. Representing shape by line patterns 15888
Sanniti di Baja, G. *see* Borgefors, G. 15890
Sanniti di Baja, G. *see* Borgefors, G. 35308
Sano, A. *see* Ichiki, T. 54525
Sano, A. *see* Jiang, F. 15411
Sano, A. *see* Kagiwada, H. 45733
Sano, A. *see* Kawakami, H. 47965
Sano, A. *see* Ojiro, N. 4633
Sano, A. *see* Shingubara, S. 42670
Sano, A. *see* Takeuchi, H. 55290
Sano, B., Madhavan, B., Levi, A.F.J. 8 Gbit/s CMOS interface for parallel fibre-optic interconnects 16668
Sano, B. *see* Madhavan, B. 2829
Sano, E., Kurishima, K., Yamahata, S. 20Gbit/s regenerative receiver IC using InP/InGaAs double-heterostructure bipolar transistors 26900
Sano, E., Yoneyama, M., Shoji Yamahata, Matsuoka, Y. InP/InGaAs double-heterojunction bipolar transistors for high-speed optical receivers 3651
Sano, E. *see* Kawamura, H. 35789
Sano, E. *see* Otsuji, T. 31210
Sano, E. *see* Otsuji, T. 36179
Sano, E. *see* Otsuji, T. 55310
Sano, E. *see* Shibata, T. 11416
Sano, F. *see* Kuroda, T. 5023
Sano, H. *see* Fujita, H. 22657
Sano, H. *see* Helkey, R. 36084
Sano, H. *see* Miyashita, T. 14640
Sano, H. *see* Miyashita, T. 41013
Sano, H. *see* Weber, J.-P. 16783
Sano, I. ICs for liquid crystal display 48781
Sano, K., Tamamaki, H., Nomura, M., Wickramanayaka, S., Nakanishi, Y., Hatanaka, Y. Deposition of high quality SiO_2 films using TEOS by ECR plasma 10887
Sano, K. *see* Ichiyanagi, T. 52124
Sano, K. *see* Kawakubo, T. 43588
Sano, K. *see* Miyoshino, F. 11774
Sano, K. *see* Saito, M. 12071
Sano, K. *see* Taguchi, J. 7922
Sano, M., Miyamoto, K., Oda, N. Development of highly sensitive photoconductive detectors for detecting 5~8 μm wavelength band 48515
Sano, M., Miyamoto, K., Oda, N., Fujino, Y. Performance improvement of HgCdTe photoconductive detectors [for thermal imaging application] 27562
Sano, M., Shimogori, S., Hirose, F. Acceleration of mincut partitioning using hardware CAD accelerator TP5000 40793
Sano, M. *see* Araki, H. 36827
Sano, M. *see* Hara, K. 37400
Sano, M. *see* Lin, C.-P. 27073
Sano, M. *see* Miyazaki, M. 54049
Sano, M. *see* Okuno, Y. 30700
Sano, M. *see* Solin, S.A. 27441
Sano, N., Natori, K. Asymmetric inter-subband phonon scattering associated with the intra-collisional field effect in one-dimensional quantum wires 42208
Sano, N. *see* Fischetti, M.V. 12160
Sano, N. *see* Hiyamizu, S. 42109
Sano, N. *see* Tomita, N. 22375
Sano, S. *see* Yokosawa, K. 59541
Sano, T. *see* Hamada, Y. 3638
Sano, T. *see* Kishi, N. 55529
Sano, T. *see* Shiroshita, T. 5861
Sano, Y., Kaneko, T. A study on temperature coefficient for constriction resistance 22004
Sano, Y., Mukai, N., Aoki, N., Konagai, C. Laser processing to improve residual surface stress of metal components 21368
Sano, Y. *see* Konagai, C. 177
Sano, Y. *see* Koyama, M. 20269
Sano, Y. *see* Moritani, A. 13017
Sanossian, H.Y.Y. *see* Evans, D.J. 35117
Sanqin Liu *see* Liu Sanqin
Sans, J.-L. *see* Ball, J. 18071
Sansal, B. *see* Serir, A. 48042
Sansen, W. Analog circuit design in scaled CMOS technology 2818
Sansen, W. Challenges in analog IC design submicron CMOS technologies 54790
Sansen, W. *see* Bastos, J. 43316
Sansen, W. *see* Lampaert, K. 53878
Sansen, W. *see* Varlan, A.R. 17563
Sansen, W. *see* Varlan, A.R. 18418
Sansen, W. *see* Wambacq, P. 11060
Sansen, W. *see* Wambecq, P. 11053
Sansen, W.M. *see* Bastos, J. 54806
Sansinena, J.M. *see* Otero, T.F. 10975
Sansoe, C. *see* Broggi, A. 46381
Sansoe, C. *see* Passerone, C. 41226
Sansom, R.D. The reality of ATM networks 46624
Sansom, S. The pioneering years: the broadcasters perspective 58542
Sanson, H. *see* Ghorbel, F. 5428
Sanson, H. *see* Labelle, L. 57350
Sansonetti, P. *see* Hamaide, J.-P. 26828
Sansonetti, P. *see* Kolltveit, E. 16720
Sansonetti, P. *see* Nouchi, P. 13598
Sansonetti, P. *see* Riant, I. 43980
Sansonetti, P. *see* Riant, I. 48026
Sansosti, E. *see* Fornaro, G. 8361
Sansosti, E. *see* Fornaro, G. 25258
Santa, A.Della *see* Della Santa, A.
Santa, N. *see* Bodea, O. 48741
Santacesaria, R. *see* Arisaka, K. 37239
Santacesaria, R. *see* Arisaka, K. 37460
Santagata, A. *see* Guidoni, A.G. 52763
Santagostino, L. Using DECT wireless access for local mobility in public fixed and mobile networks 47597
Santai Hwang, Turner, S. A DC motor-driven sliding table motion control using ultrasonic sensor 58991
Santalov, N.P. *see* Strelkov, G.M. 4255
Santamaria, E. *see* Marroquin, E.M. 7936
Santamaria, E. *see* Marroquin, E.M. 59397
Santamaria, E.J.Dede Garcia *see* Dede Garcia Santamaria, E.J.
Santamaria, M.E. *see* Jove, X. 15640
Santamaria-Caballero, I., Pantaleon-Prieto, C., Diaz-de-Maria, F., Artes-Rodriguez, A. A new inverse filter criterion for blind deconvolution of spiky signals using Gaussian mixtures 15390
Santamaria-Caballero, I., Pantaleon-Prieto, C.J., Artes-Rodriguez, A. Sparse deconvolution using adaptive mixed-Gaussian models 4855
Santamarina, C. *see* Gomez, F. 37446
Santamore, W.P. *see* Cheever, E.A. 59795
Santana, C. *see* Hong, J. 22590
Santana, C.J. *see* Hong, J. 12738
Santana, C.J. *see* Hong, J. 32187
Santana, C.J. *see* Lee, J.W. 22592
Santana, G. *see* Morales-Acevedo, A. 39002
Santana, J. *see* Anunciada, V. 50807
Santana, J. *see* Dahlin, M.J. 18931
Santana, J. *see* Margato, E. 9248
Santana, J. *see* Pierrat, L. 9304

Santangelo, D., Wiese, B., Young, D. DSSC integrated engineering environment 49970
Santangelo, S. *see* Messina, G. 32335
Santarelli, G., Laurent, P., Clairon, A., Dick, G.J., Greenhall, C.A., Audoin, C. Theoretical description and experimental evaluation of the effect of the interrogation oscillator frequency noise on the stability of a pulsed atomic frequency standard 27279
Santarelli, G. *see* Bahoura, M. 24022
Santarelli, G. *see* Clairon, A. 27367
Santarelli, G. *see* Clairon, A. 48295
Santarelli, G. *see* Ghezali, S. 27316
Santarelli, G. *see* Laurent, P. 27221
Santarelli, G. *see* Rovera, G.D. 27818
Santarsiero, M., Aiello, D., Borghi, R., Vicalvi, S. Focusing of axially symmetric flattened Gaussian beams 44622
Santarsiero, M., Aiello, D., Borghi, R., Vicalvi, S. Intensity and phase distribution of focused flattened Gaussian beams 55778
Santarsiero, M. *see* Borghi, R. 24491
Santarsiero, M. *see* Borghi, R. 55763
Santarsiero, M. *see* Frezza, F. 33980
Santarsiero, M. *see* Gori, F. 55776
Sante, J.-F. *see* Benhamida, F. 47675
Santella, G. Performance evaluation of broadband microcellular mobile radio in M-QAM OFDM systems 6558
Santen, D. *see* Mulder, J. 9117
Santer, M. *see* Dong Ho Wu 32903
Santha, A.K.S. *see* Yihong Yang 7992
Santha, M. *see* Brassard, G. 24692
Santhanakrishanan, T., Palanisamy, P.K., Krishna Mohan, K., Senthil Kumaran, P., Sirohi, R.S. Multi-aperture speckle interferometry for deformation measurement 59005
Santhanakrishnan, T., Mohan, N.K., Sirohi, R.S. New simple ESPI configurations for deformation studies on large structures based on diffused reference beam 33758
Santhanakrishnan, T. *see* Sirohi, R.S. 36884
Santhanam, B., Maragos, P. Energy demodulation of two-component AM-FM signal mixtures 4624
Santhanam, B., Maragos, P. Energy demodulation of two-component AM-FM signals with application to speaker separation 24643
Santhanam, S. *see* Carley, L.R. 13129
Santhanam, S. *see* Montanaro, J. 1446
Santhosh, P.N., Potdar, H.S., Date, S.K. Chemical synthesis of a new tin dioxide based (SnO_2: Co, Al, Nb) varistor 41533
Santi, E. *see* Gori, L. 52570
Santi, G.De *see* De Santi, G.
Santi, P. *see* DiSomma, C. 37848
Santi, P. *see* Raposio, E. 37847
Santiago, D. *see* Tjoelker, R.L. 27324
Santiago, D.G., Dick, G.J., Wang, R.T. Frequency stability of 1×10^{-13} in a compensated sapphire oscillator operating above 77 K 11223
Santiago, D.G. *see* Dick, G.J. 21538
Santiago, F. *see* Agustin, R.O. 39722
Santiago, J.M. *see* Gupta, A.D. 8586
Santiago, N.H.C. *see* Varriecchio, S.L. 51071
Santiago-Aviles, J.J. *see* Fontes, M.B.A. 28081
Santiago-Prowald, J., Sanz-Andres, A., Bezdenejnykh, N.A. On-earth calibration of accelerometers for microgravity applications 17245
Santiard, J.C., Faccio, F. Noise and speed characteristics of test transistors and charge amplifiers designed using a submicron CMOS technology 37501
Santic, A., Bilas, V., Nikolik, V., Lackovic, I. Multisegmented capacitive transducer for force measurement in the legs 37599
Santic, A., Saban, M. Two methods for determination of diastolic and systolic pressures in fingers 59382
Santini, E., Santucci, C. A comparison between optimisation algorithms in design of power magnetic devices 19824
Santini, H. *see* Tsang, C. 43675
Santis, A.De *see* De Santis, A.
Santis, P.De *see* De Santis, P.
Santiso, J.S. *see* Herrmann, K. 43819
Santjojo, D.J. *see* Clare, B.W. 31880
Santo, A.M.E. *see* Baldochi, S.L. 10600
Santo, A.M.E. *see* Ranieri, I.M. 10604
Santo, C., Diou, A., Voisin, Y. Analysis and performances of an object localization and a dimensional measurement method applied to the calibration of cameras 48879
Santo, C. *see* Diou, A. 46275
Santo, T. *see* Ohtaka, M. 33053
Santocchia, A. *see* Passeri, D. 59223
Santolini, C. *see* Castellini, P. 59026
Santonico, R. *see* Cardarelli, R. 37363
Santori, M. Test executive techniques for VXI-based systems the applicability of graphical programming to automated test 48378
Santoro, G.J. *see* Singh, N.B. 10598
Santoro, N. *see* Alimonti, P. 6143
Santos, A. *see* Pazos, A. 59808
Santos, A. *see* Vaquero, J.J. 37711
Santos, B.L.dos *see* dos Santos, B.L.
Santos, C.G.dos *see* dos Santos, C.G.
Santos, D.A.dos *see* dos Santos, D.A.
Santos, D.J. *see* Fraile-Pelaez, F.J. 27567
Santos, E. *see* Casado, A. 55842
Santos, H.A. Rectifying n-n and p-p and non-rectifying p-n abrupt semiconductor heterojunction diodes 2568
Santos, J. *see* Silva, A. 7187
Santos, J.A. *see* Correia, M.V. 5118
Santos, J.B., Perdigao, J.M. The importance of an accurate identification of the propagation modes in non-destructive testing 31019
Santos, J.C.Marques dos *see* Marques dos Santos, J.C.
Santos, J.L. *see* Baptista, J.M. 7371
Santos, J.L. *see* Ferreira, L.A. 7368
Santos, J.L. *see* Ferreira, L.A. 48608
Santos, J.L. *see* Ribeiro, A.B.L. 36635
Santos, J.M.F.dos *see* dos Santos, J.M.F.
Santos, L.C.V.dos *see* dos Santos, L.C.V.
Santos, M. *see* Badikov, V.V. 24178
Santos, M.B. *see* Celeiro, F. 40974
Santos, M.B. *see* Liu, W.K. 10781
Santos, M.B. *see* Liu, W.K. 30752
Santos, M.F. *see* Almeida, A.M. 1878
Santos, M.P.dos *see* dos Santos, M.P.
Santos, P.A.M.dos *see* dos Santos, P.A.M.
Santos, S.Dos *see* Dos Santos, S.
Santos, S.F.S., Lage, A.L.V.S., Gomes, A.O.S. Inline four-wave mixing correlator 5207
Santos, S.Perez *see* Perez Santos, S.
Santos, V., Goncalves, J.G.M., Vas, F. Local perception maps for autonomous robot navigation 59095
Santos Aires, F.Cadete *see* Cadete Santos Aires, F.
Santos Filho, S.G.dos *see* dos Santos Filho, S.G.
Santos Fo, S.G.dos *see* dos Santos Fo, S.G.
Santos Vidal, O.de los *see* de los Santos Vidal, O.
Santos-Boada, G. *see* Sole-Pareta, J. 47324
Santos-Garcia, G. *see* Lopez-Fidalgo, J. 56381
Santos-Leon, J.C. *see* Gonzalez-Vera, P. 510
Santos-Victor, J. *see* Bernardino, A. 35216
Santos-Victor, J. *see* Silva, C. 5142
Santosh, N., Eswaran, C. Efficient search algorithm for fast encoding of images using vector quantisation 5016
Santoskhumar, B., Radhakrishnan, K. Periodic electroencephalographic pattern in subacute sclerosing panencephalitis modified by preexisting damaged cerebral hemisphere 49591
Santoso, I. *see* Petsche, T. 60747
Santoso, S., Powers, E.J. Development of a linear time-scale coherence spectrum 25077
Santoso, S., Powers, E.J., Bengtson, R.D., Ouroua, A. Time-series analysis of nonstationary plasma fluctuations using wavelet transforms 34799
Santra, K.C. *see* Das, A. 17800
Santra, M. *see* Raj Narayan, M.D. 22183
Santroni, A. *see* Paolucci, P. 37242
Santucci, C. *see* Santini, E. 19824
Santucci, F. Recursive algorithm for calculating performance of cellular networks with cutoff priority 58154
Santucci, F., Benvenuto, N. A least squares path loss estimation approach to handover algorithms 6550
Santucci, F. *see* Ruggieri, M. 47654
Santucci, S. *see* Apostolico, F. 40757
Santucci, S. *see* Cantalini, C. 27730
Santucci, S. *see* Cantalini, C. 58896
Santucci, S. *see* Di Fabrizio, E. 1845
Santucci, S. *see* Gammaitoni, L. 25048
Santucci, S. *see* Sun, H.-T. 36735
Sanubari, J., Tokuda, K., Onoda, M. Robust two dimensional spectral estimation based on AR model excited by a t-distribution process 25146
Sanyal, A.N. *see* Barman, S.R. 60702
Sanyal, S., Chattopadhyay, P. Improved capacitance technique for the determination of series resistance of MS and MIS-type devices for solar cell applications 61092
Sanz, C., de Zulueta, L., Meneses, J.M. FPGA implementation of the block-matching algorithm for motion estimation in image coding 15985
Sanz, F. *see* Gorostiza, P. 52740
Sanz, J. *see* Juan, J.M. 45146
Sanz, J. *see* Perlado, J.M. 7758
Sanz, J.M. *see* Prieto, C. 13436
Sanz, J.Vinyes *see* Vinyes Sanz, J.
Sanz, M.A. *see* Cabanas, M.F. 50999
Sanz Badia, M. *see* Bayod Rujula, A.A. 50416
Sanz-Andres, A. *see* Santiago-Prowald, J. 17245
Sanz-Bobi, M.A., Palacios, R., Arenas, A. Thermoelectricity applied to the cryoconcentration of orange juice 39475
Sanz-Gonzalez, J.L. *see* Alvarez-Vaquero, F. 26967
Sanz-Gonzalez, J.L. *see* Andina, D. 25227
Sanz-Serna, J.M. *see* Butcher, J.C. 10530
Sanz-Serna, J.M. *see* de Frutos, J. 30647
Sanz-Serna, J.M. *see* Lopez-Marcos, M.A. 40186
Sanzelle, S., Miallier, D., Pilleyre, Th., Fain, J., Montret, M. A new slide technique for regressing TL/ESR dose response curves–intercomparisons with other regression techniques 8187
Sanzgiri, S. *see* Ommodt, K. 34436
Sanzharova, N.I. *see* Fesenko, S.V. 8519
Sanzone, M. *see* Rossi, P. 18092
Sao-Jie Chen *see* Jiann-Fu Lin 6225
Saotome, H., Saito, K., Ueda, M., Sakaki, Y. Linear actuator with flat-ring-shaped magnets 55071
Saotome, H., Sakaki, Y. Iron loss analysis of Mn-Zn ferrite cores 32875
Saoud, S.B., Chouzal, F., Dagues, B., Hapiot, J.C. Emulator of static converters/electrical machines application to the test of new control algorithms 60650
Saoud, S.B., Dagues, B., Schneider, H., Metz, M., Hapiot, J.C. Real time emulator of static converters/electrical machines application to the test of control unit 9185
Saoudi, S. *see* Hay, K. 34634
Saoudy, S.A. *see* Anstey, M. 34332
Sapaev, Kh.B. Analysis of the circuits with dependent sources 1022
Sapanel, J.C. *see* Le Moan, Y. 26245
Sapatnekar, S.S. Efficient calculation of all-pairs input-to-output delays in synchronous sequential circuits 11284
Sapatnekar, S.S. *see* Lehther, D. 11087
Sapatnekar, S.S. *see* Maheshwari, N. 1250
Sapelkin, A.V., Bayliss, S.C., Lyapin, A.G., Brazhkin, V.V., Clark, S.M., Dent, A.J., Itie, J.P., Polian, A. Structural studies of semiconductor-to-metal transition in the bulk amorphous solid solutions $(GaSb)_{1-x}(Ge_2)_x$ under high pressure 42005
Sapelkin, A.V., Bayliss, S.C., Lyapin, A.G., Brazhkin, V.V., Itie, J.P., Polian, A., Clark, S.M., Dent, A.J. Structural studies of bulk amorphous GaSb under high pressures 22274
Sapelkin, A.V. *see* Lyapin, A.G. 22208
Saper, R. *see* Inkol, R. 17730
Saper, R.H. *see* Inkol, R.J. 15239
Saphier, D. *see* Shapira, M. 9053
Sapiecha, P., Perkowski, M., Luba, T. Decomposition of the information systems based on graph coloring heuristics 53248
Sapienza, S. *see* Persiano, G.V. 40888
Sapilewski, G., Worden, P., Bye, M. Differential accelerometer testing 7594
Sapir, L. *see* Tsirlina, T. 30767
Sapiro, G. From active contours to anisotropic diffusion: connections between basic PDE's in image processing 56939
Sapiro, G. Vector (self) snakes: a geometric framework for color, texture, and multiscale image segmentation 56991
Sapiro, G. *see* Caselles, V. 57161
Sapjeta, J.B. *see* Weldon, M.K. 22553
Sapmaz, S., Kobayashi, K., Buyukaksoy, A., Uzgoren, K. Wiener-Hopf analysis of the diffraction by a strip located at the plane interface between two media 45085
Saporita, V.J. *see* Holloway, D.C. 38435
Sapozhnikov, O.A. *see* Cathignol, D. 38137
Sapozhnikov, O.A. *see* Dupenloup, F. 8101
Sapozhnikov, V.A. *see* Ganzhinov, I.S. 50930
Sapozhnikova, N.V. *see* Frantsuzov, A.A. 31122
Sappington, C. *see* Stahle, C.M. 37354
Sappok, C. *see* Lublinskaja, V. 4578
Saprykin, L.G. *see* Denisov, L.K. 44373
Sapundzhiev, C. *see* Poirier, M.G. 60471
Sapunenko, V. *see* Rossi, P. 18092
Saqib, N., Baig, Z., Tahir, T.B., Mughal, A., Khan, M.N. A PC based system for managing technical information and data 38492
Saquib, S., Zheng, J., Bouman, C.A., Sauer, K.D. Provably convergent coordinate descent in statistical tomographic reconstruction 57315
Saquib, S.S., Bouman, C.A., Sauer, K. Efficient ML estimation of the shape parameter for generalized Gaussian MRFs 25411
Saquib, S.S., Bouman, C.A., Sauer, K. A non-homogeneous MRF model for multiresolution Bayesian estimation 57266
Sarabandi, K., Siqueira, P.R. Numerical scattering analysis for two-dimensional dense random media: characterization of effective permittivity 56027
Sarabandi, K., Tsenchieh Chiu Electromagnetic scattering from slightly rough surfaces with inhomogeneous dielectric profile 8507
Sarabandi, K. *see* Siqueira, P.R. 34022
Sarabia, C.M.G., Aguilar, P.A.M., Mondragon, J.J.S., Stepanov, S., Vysloukh, V. Dynamics of photoinduced lens formation in a photorefractive $Bi_{12}TiO_{20}$ crystal under an external DC electric field 24193
Sarabia, J. *see* Navarro, R. 10499
Saracco, R. A vision of software evolution in telecommunications' networks 26005
Saracco, R. IT and telecommunications worlds: two approaches to management 46932
Saraceni, P.J., Jr. *see* Harrison, L.H. 49843
Sarachik, M.P. *see* Bogdanovich, S. 41876
Sarachik, M.P. *see* Kravchenko, S.V. 12157
Saracibar, C.Agelet de *see* Agelet de Saracibar, C.
Saracino, M. *see* Heiser, G. 41627
Sarady, I. *see* Bostanjoglo, G. 14488
Saraf, R. *see* Shaw, J.M. 10229
Saraf, R.F., Roldan, J.M., Sambucetti, C.J., Gaynes, M.A., Lewis, R. High performance isotropic polymer/metal composite for interconnect applications 12021
Sarafian, G. *see* Kaplan, B.Z. 21841
Saragossi, L. *see* Brouche, M. 41726
Sarai, O. *see* Omori, T. 48795
Saraie, J. *see* Ishiyama, O. 54134
Saraie, J. *see* Matsumura, N. 52630
Saraiji, R.M.Nader *see* Nader Saraiji, R.M.
Saraiva, J.T., Duarte, F.O. Enhanced fuzzy power flow models integrating correlation between nodal injections 8729
Saraiva, J.Tome *see* Tome Saraiva, J.

Sarajcev, I. Determination of expected temporary overvoltage on metal oxide lightning arresters placed in a feeder bay caused by a sudden generator unloading 60435
Sarakinos, M.E. *see* Adam, A. 37280
Saramaki, T. *see* Anukhin, I.P. 45432
Saramaki, T. *see* Egiazarian, K. 15399
Saramaki, T. *see* Lukin, V.V. 45907
Saramaki, T. *see* Vesma, J. 1599
Saran, H. *see* Vazirani, V.V. 4515
Saran, H. *see* Vazirani, V.V. 24697
Sarangan, A.M., Huang, W.-P., Makino, T., Li, G.P. Wavelength control in DFB laser arrays by tilting the ridge with respect to the gratings 3826
Sarangapani, S., Tilak, B.V., Chen, C.-P. Materials for electrochemical capacitors: theoretical and experimental constraints 11773
Saraniti, M. *see* Zandler, G. 12858
Sarantites, D.G., Hua, P.-F., Devlin, M., Sobotka, L.G., Elson, J., Hood, J.T., LaFosse, D.R., Sarantites, J.E., Maier, M.R. "The Microball". Design, instrumentation and response characteristics of a 4π-multidetector exit channel-selection device for spectroscopic and reaction mechanism studies with Gammasphere 37271
Sarantites, D.G. *see* Devlin, M. 37541
Sarantites, J.E. *see* Sarantites, D.G. 37271
Sarap, B.K. *see* Mahalik, N.G.P.C. 4358
Saraph, G. *see* Lawson, W. 37138
Saraph, G. *see* Levush, B. 12097
Saraph, G.P., Lawson, W., Anderson, J.P., Castle, M., Granatstein, V.L. Efficient, 100-160 MW, X- and Ku-band gyroklystron amplifier designs for linear colliders 1939
Saraph, G.P. *see* Nusinovich, G.S. 41791
Saraswat, K. *see* Subramanian, V. 42340
Saraswat, K.C. *see* Beck, T.J. 32528
Saraswat, K.C. *see* Jurichich, S. 154
Saraswat, K.C. *see* McLaughlin, C.W. 17616
Saraswat, K.C. *see* Smeys, P. 2351
Saraswat, K.C. *see* Smeys, P. 42555
Saraswat, K.C. *see* Yang, T.-C. 42612
Saraswathi, R. *see* Dhanalakshmi, K. 30858
Saratani, K. *see* Oka, H. 49396
Saratchandran, P. *see* Gan, Q. 15215
Sarathi, R. *see* Venkataseshaiah, C. 19806
Sarathy, J., Anselm, K.A., Streetman, B.G., Campbell, J.C. Very-narrow linewidth tunable distributed Bragg reflector photodetector 7345
Sarathy, J., Anselm, K.A., Streetman, B.G., Campbell, J.C. Narrow linewidth, tunable distributed feedback photodetector 7355
Sarathy, J. *see* Shi, Y. 32002
Sarathy, J. *see* Yan Shi 17353
Saraya, T., Takamiya, M., Duyet, T.N., Tanaka, T., Ishikuro, H., Hiramoto, T., Ikoma, T. Floating body effects in 0.15 μm partially depleted SOI MOSFETs below 1 V 22810
Saraya, T. *see* Hiramoto, T. 12463
Saraya, T. *see* Hiramoto, T. 32465
Sarayama, S. *see* Sakatsu, T. 12018
Saraydar, C.U., Rose, C. Minimizing the paging channel bandwidth for cellular traffic 47825
Sarazin, R. *see* Braess, D. 40217
Sarbach, E. How to establish stress limits more precisely: investigations of the thermal limits of current-carrying capacity of metallic diffusion barriers in medium-voltage cables 19361
Sarbadi, M. *see* Chestney, J.A. 44975
Sarbaev, T.A. *see* Karpov, G.M. 24304
Sarca, A. *see* Lahlou, M. 61381
Sarcona, G., Hatalis, M.K. Low temperature silicides for thin film transistor applications in active-matrix liquid crystal display technology 17693
Sarcona, G. *see* Stewart, M. 12950
Sarcona, G.T. *see* Kouvatsos, D.N. 12951
Sarda, P. *see* Vieu, P. 425
Sardar, M. *see* Preis, C. 32913
Sardar, M. *see* Preis, C. 33642
Sardela, M.R., Jr. *see* Nur, O. 42930
Sardela, M.R., Jr. *see* Nur, O. 54265
Sardella, J.C. *see* Stagaman, G.J. 2551
Sardesai, H.P., Weiner, A.M. Nonlinear fibre-optic receiver for ultrashort pulse code division multiple access communications 48006
Sardina, G.Escalada *see* Escalada Sardina, G.
Sardini, E. *see* Ghidini, C. 27450
Sardini, E. *see* Marioli, D. 27336
Sardo, A. *see* Dori, L. 58900
Sardo, L., Kittler, J. Minimum complexity PDF estimation for correlated data 4421
Sardon, E. *see* Jakowski, N. 58250
Sardy, S., Ibrahim, L. Experimental medical and industrial applications of neural networks to image inspection using an inexpensive personal computer 46114
Sareni, B., Krahenbuhl, L., Beroual, A., Brosseau, C. Complex effective permittivity of a lossy composite material 32609
Sareni, B., Krahenbuhl, L., Beroual, A., Nicolas, A., Brosseau, C. A boundary integral equation method for the calculation of the effective permittivity of periodic composites 43430
Sarfaty, M. *see* Hershkowitz, N. 12723
Sarfaty, M. *see* Quick, A.K. 17416
Sarfaty, R. *see* Buchinsky, O. 44542
Sarfaty, R. *see* Buchinsky, O. 44579
Sarge, J. *see* Antos, J. 37373
Sargeni, F. *see* Salerno, M. 31433
Sargeni, F. *see* Salerno, M. 31439
Sargent, A. *see* Broadwater, R.P. 38922
Sargent, A. *see* Cesarsky, C.J. 36548
Sargent, E.H., Tan, G.L., Suda, D.A., Xu, J.M. Internal operating mechanisms of OEIC-compatible lateral injection lasers: Intrinsic differences from the vertical injection paradigm 55624
Sargento, A. *see* Rodrigues, L. 5847
Sarghini, S., Uncini, A., Piazza, F. Sub-band IIR acoustic echo canceller 6280
Sargos, F.M. *see* Leveque, J. 8960
Sargos, F.M. *see* Netter, D. 9568
Sargos, F.M. *see* Tounzi, A. 60718
Sargsyan, M.V. *see* Petrosyan, O.G. 11678
Sargunaraj, S., Gupta, D.P.S., Devi, S. Short-term load forecasting for demand side management 38311
Sarhadi, S., Allen, E.L. Development of a low current density electroplating bath for fabrication of CoNiFe thin films 30846
Sarhan, A. *see* Grabski, F. 364
Sari, H. Two-dimensional trellis-coded modulation with a fractional number of bits per symbol 4426
Sari, W. *see* Obaid, A. 47384
Sari-Sarraf, H., Gleason, S.S., Hudson, K.T., Hubner, K.F. A novel approach to computer-aided diagnosis of mammographic images 28145
Sariashkar, J.V. *see* DeMarco, C.L. 8775
Saric, A. *see* Calovic, M. 38350
Sarid, D. *see* Pyle, J.L. 40507
Sariego, J.S. *see* Cabanas, M.F. 50999
Sarihan, V., Fang, T. Optimal design methodology for filled polymer systems 10090
Sarihan, V. *see* Padmanabhan, R.P. 30285
Sarikaya, B. *see* Ates, A.F. 25931
Sarikaya, B. *see* Henniger, O. 26029
Sarikaya, M. *see* Ozkan, C.Z. 42674
Sarin, S.V. *see* Delic, H. 35770
Sario, M.De *see* De Sario, M.
Sariowan, H., Cruz, R.L., Polyzos, G.C. Scheduling for quality of service guarantees via service curves 46648
Saripalli, S.K. Affordable, optimized structures for unmanned aerial vehicles 59863
Saris, F.W. *see* van der Weg, W.F. 22525
Sarjeant, W.J., Dollinger, R.E., Zirnheld, J., MacDougall, F.W., Goldberg, H. Capacitors–past, present, and future: a trans-national perspective 51447
Sarjeant, W.J., MacDougall, F.W., Larson, D.W. Energy storage in polymer laminate structures–ageing and diagnostic approaches for life validation 29662
Sarjeant, W.J., MacDougall, F.W., Larson, D.W. Energy storage in polymer laminate structures–aging and diagnostic approaches for life validation 51619
Sarjeant, W.J., MacDougall, F.W., Larson, D.W., Kohlberg, I. Energy storage capacitors: aging, and diagnostic approaches for life validation 39253
Sarjeant, W.J., Treanor, M., Zirnheld, J. Insulation reliability issues in high frequency/transient environments of next generation high power electronics 29837
Sarjeant, W.J. *see* Zirnheld, J.L. 51268
Sark, W.G.J.H.M.van *see* van Sark, W.G.J.H.M.
Sarkar, A., Sharma, K.M.S., Sonak, R.V. A new approach for subset 2-D AR model identification for describing textures 35301
Sarkar, B.K. *see* Balamuralidhar, P. 6929
Sarkar, B.K. *see* Easwar, K. 6885
Sarkar, C.K. *see* Banerji, P. 41988
Sarkar, C.K. *see* Bose, C. 42243
Sarkar, C.K. *see* Samanta, P. 42317
Sarkar, C.K. *see* Samanta, P. 42337
Sarkar, D. Fuzzy ideal theory: fuzzy local function and generated fuzzy topology 52477
Sarkar, D. The concept of equivalence or 'look alikes" in images 57154
Sarkar, D. Use of two dimensional finite elements for approximate analysis of temperature distribution in an induction motor 60725
Sarkar, D., Banerjee, S., Chattopadhyay, S. Translation and rotation of binary images encoded as minimized Boolean functions 56657
Sarkar, D. *see* Chakrabarti, I. 53166
Sarkar, D. *see* Liebeherr, J. 5958
Sarkar, M., Satyam, M., Prabhakar, A. A study of static RAM cell using the lambda bipolar transistor (LBT) 53267
Sarkar, M.R. *see* Sato, H. 31962
Sarkar, P., Roy, B.K., Choudhury, P.P. VLSI implementation of modulo multiplication using carry free addition 53319
Sarkar, P. *see* Khan, A.R. 46379
Sarkar, S., Basu, A., Majumdar, A.K. Analyzing controllability of a hardware circuit for its reuse 53223
Sarkar, S., Poor, H.V. Certain generalizations of the cyclic wavelet transform 30427
Sarkar, S., Poor, H.V. Multiband cyclic wavelet transforms 56455
Sarkar, S. *see* Sen, S.K. 1191
Sarkar, S.K. *see* De, B.K. 24503
Sarkar, S.K. *see* Prasad, M.V.S.N. 24478
Sarkar, S.N. *see* Das, G. 23490
Sarkar, S.N. *see* Gangopadhyay, S. 3384
Sarkar, S.N. *see* Gangopadhyay, S. 55214
Sarkar, T. *see* Kolundzija, B. 34243
Sarkar, T.K. *see* Adve, R.S. 24440
Sarkar, T.K. *see* Adve, R.S. 34420
Sarkar, T.K. *see* Park, S. 34831
Sarkar, T.K. *see* Roy, T. 14581
Sarkar, T.K. *see* Schneible, R.A. 36218
Sarkar, T.K. *see* Uckun, S. 56145
Sarkar Suvra *see* Suvra Sarkar
Sarkas, H.W. *see* Strohkendl, F.P. 33636
Sarkisov, S., Teague, Z., Venkateswarlu, P., Abdeldayem, H., Frazier, D., Adamovsky, G. Formation of a graded-index waveguide in UV exposed polyimide 33100
Sarkisov, S. *see* Williams, E.K. 13667
Sarkisov, S.S. *see* Fu, J. 33114
Sarkissian, A.H., Leblanc, J.B., Paradis, E., Paynter, R., Stansfield, B.L. X-ray photoelectron spectroscopic depth profilometry of nitrogen implanted in materials for modification of their surface properties 2309
Sarkissian, E.L. *see* Kocharian, K.N. 11660
Sarkissian, J.C. *see* Morales, J. 53692
Sarkodie-Gyan, T., Lam, C.W., Hong, D., Campbell, A.W. An efficient object recognition scheme for a prototype component inspection 39881
Sarkozi, J., Bakos, J.S., Djotyan, G.P., Sorlei, Z. Infrared-far-infrared stabilized laser system with adjustable frequency offset for spectroscopic measurements 3683
Sarkus, T.A. *see* Watts, J.U. 19563
Sarlashkar, J.V., Alvarado, F.L., Mahseredjian, J. Interfacing time domain and phasor domain simulations 19071
Sarlet, G., Haes, J., Baets, R. Optimisation of slab waveguides with given mode width towards low modal birefringence 33068
Sarlund, J., Ritala, M., Leskelae, M., Siponmaa, E., Zilliacus, R. Characterization of etching procedure in preparation of CdTe solar cells 9552
Sarma, A.D., Datta, U., Basu, P.K. A wire guided AGV with differential speed steering and stepper motor drive for shop-floor applications 51727
Sarma, A.D., Srikanth, S. Ionospheric time delay effect on Global Positioning System 6997
Sarma, A.R.K. Overload control in OCB-283 47478
Sarma, B.M. *see* Snyder, H. 34105
Sarma, D.H.R. *see* LaBranche, M.H. 61294
Sarma, D.S. *see* Carr, W.W. 33846
Sarma, H. Accelerated life tests on a new water tree retardant insulation for power cables 50589
Sarma, H., Mahabir, C., Shaikevitch, A. Investigations on the aging of cross-linked ethylene vinyl silane copolymer 19346
Sarma, J. Echo-canceller design ensures hands-free, high-fidelity telephony 26538
Sarma, J. *see* Middlemast, I. 44533
Sarma, J. *see* Onischenko, A. 33548
Sarma, K., Akinwande, T. Flat panel displays for portable systems 27805
Sarma, S.Das *see* Das Sarma, S.
Sarmento, A.D. Design, performance, and layout of GaAs monolithic broad-band direct-coupled amplifiers 41486
Sarmento, A.D. Modeling of multiple quantum-well lasers with electro-optical interaction 55673
Sarmiento, J.L.Del Alamo y Del *see* Del Alamo y Del Sarmiento, J.L.
Sarmiento, R. *see* Esper-Chain, R. 58081
Sarmiento, R. *see* Lopez, J.F. 11390
Sarmiento, R. *see* Lopez, J.F. 41155
Sarmiento, R. *see* Lopez, J.F. 53287
Sarmiento, R. *see* Mehnert, A. 56921
Sarnecki, J. *see* Kordyas, A.J. 49334
Sarnelli, E., Testa, G., Camerlingo, C., Ruggiero, B., Russo, M. Sputtered YBCO bicrystal dc-SQUIDS 32923
Sarnoff, D. *see* Avery, L.R. 44919
Sarnot, S.L. *see* Sandhoo, A.S. 39957
Saro, S., Janik, R., Hofmann, S., Folger, H., Hessberger, F.P., Ninov, V., Schoett, H.J., Kabachenko, A.P., Popeko, A.G., Yeremin, A.V. Large size foil-microchannel plate timing detectors 37275
Saroch, A., Venkateswarlu, D.S., Chatterjee, A. Two dimensional large signal analysis of linear beam tubes 1952
Sarode, P.U. Cable trench in telephone exchanges 41562
Saroff, L. *see* Lipfert, F.W. 29091
Sarojini, K.M. *see* Kumar, T.N.S. 7203
Saroldi, A. *see* Rebora, C. 61313
Sarpeshkar, R., Lyon, R.F., Mead, C.A. An analog VLSI cochlea with new transconductance amplifiers and nonlinear gain control 8155
Sarpeshkar, R. *see* Kramer, J. 5153
Sarpeskar, R., Lyon, R.F., Mead, C.A. Nonvolatile correction of Q-offsets and instabilities in cochlear filters 1574
Sarrabayrouse, G. *see* Benamara, M. 32105
Sarradin, J., Guessous, A., Ribes, M. Synthesis and characterization of lithium intercalation electrodes based on iron oxide thin films 29544
Sarrafzadeh, M. *see* De-Sheng Chen 41085
Sarrafzadeh, M. *see* Raje, S. 21435
Sarrafzadeh, M. *see* Tellez, G.E. 1079
Sarret, M. *see* Briand, D. 12885
Sarret, M. *see* Guyader, P. 13810
Sarri, P. *see* Sekko, E. 15403
Sarro, P.M. *see* Chu, Z. 17257
Sarro, P.M. *see* Cocorullo, G. 7257
Sarro, P.M. *see* Cocorullo, G. 58695
Sarro, P.M. *see* Creemer, J.F. 22197
Sarro, P.M. *see* Dauderstadt, U.A. 36466

Sarro, P.M. *see* Kwa, T.A. 55426
Sarro, P.M. *see* Vdovin, G. 44172
Sarro, P.M. *see* Vdovin, G. 54851
Sarrus, F., Viverge, P.J., Chante, J.P., Hennevin, B., Piton, M. Influence of the IGBT emitter-ground wiring inductance in a power inductive load converter 51160
Sarrus, F. *see* Duong, S. 31086
Sarrus, F. *see* Duong, S. 53732
Sarrus, F. *see* Viverge, P.J. 51365
Sartenaer, A. *see* Conn, A.R. 10417
Sarti, A. *see* Pedersini, F. 57016
Sarti, A. *see* Pedersini, F. 57455
Sarti, A. *see* Zini, G. 59415
Sarti, D. *see* Kaminski, A. 39007
Sarti, D. *see* Laugier, A. 39016
Sarti, D. *see* Martinuzzi, S. 39018
Sarti, D. *see* Perichaud, I. 10671
Sarto, A.W., Wagner, K., Weverka, R.T., Blair, S., Weaver, S. Photorefractive phased-array antenna beam-forming processor 24588
Sarto, A.W., Wagner, K.H., Weverka, R.T., Weaver, S., Walge, E.K. Wide angular aperture holograms in photorefractive crystals by the use of orthogonally polarized write and read beams 4109
Sarto, A.W. *see* Wagner, K. 27006
Sarto, E. *see* Vasseghi, N. 1443
Sarto, F. *see* Cucurachi, S. 3541
Sarto, F. *see* Rizzo, A. 3569
Sarto, M.S. A matrix surface impedance formulation for the analysis of EM-interactions to finite laminated composite slabs 45056
Sarto, M.S. *see* D'Amore, M. 38353
Sarto, M.S. *see* D'Amore, M. 45266
Sarto, M.S. *see* D'Amore, M. 50563
Sarto, M.S. *see* D'Amore, M. 50609
Sarto, M.S. *see* Graglia, R.D. 34151
Sartor, M., Pecina, J., Paul, C., Helms, B., Alsman, D. A system for the automatic inspection of image intensifier tubes 347
Sartore, A.M. *see* Troitsky, V.I. 828
Sartore, G. *see* Corno, F. 21734
Sartore, M., Adami, M., Berzina, T., Nevernova, I., Petrigliano, A., Mascini, M., Nicolini, C. Validation of a new nanobalance system for the monitoring of molecule interactions 58867
Sartore, M. *see* Fanigliulo, A. 7454
Sartorelli, J.C. *see* Fornes, J.A. 4189
Sartori, A. *see* Bellutti, P. 58850
Sartori, F. *see* Balsamo, S. 24023
Sartori, F. *see* Balsamo, S. 44490
Sartori, F. *see* Perrone, G. 3837
Sartori, M. *see* Lazarescu, M.-T. 40791
Sartori, P. *see* Eliseev, P.G. 55462
Sartori, P. *see* Osinski, M. 23705
Sartori, P. *see* Zeller, J. 13886
Sartorius, B., Mohrle, M., Reichenbacher, S., Preier, H., Wunsche, H.-J., Bandelow, U. Dispersive self-Q-switching in self-pulsating DFB lasers 23965
Sartorius, B. *see* Bandelow, U. 55644
Sartre, V. *see* Bellettre, J. 19703
Sarubbi, M. *see* Di Massa, G. 34301
Sarukkai, R.R. Supervised networks that self-organize class outputs 46242
Sarukkai, R.R., Ballard, D.H. A novel word preselection method based on phonetic set indexing 14999
Sarukura, N., Zhenlin Liu, Izumida, S., Segawa, Y., Dubinskii, M.A., Semashko, V.V., Naumov, A.K., Korableva, S.L., Abdulsabirov, R.Yu. Ultraviolet picosecond pulses from an all-solid-state Ce:LiSAF/Ce:LiCAF master oscillator and power amplifier system 3752
Sarukura, N. *see* Izawa, T. 3774
Sarukura, N. *see* Komatsu, R. 14284
Sarul, H. *see* Pravadalioglu, S. 9625
Sarusi, G. *see* Gunapala, S.D. 17541
Sarusi, G. *see* Gunapala, S.D. 17542
Sarusi, G. *see* Gunapala, S.D. 48665
Saruta, K. *see* Ino, H. 56920
Saruta, S. *see* Nakajima, M. 56675
Saruwatari, M. Recent amendment of laser safety standard 33355
Saruwatari, M. *see* Mori, K. 4014
Saruwatari, M. *see* Mori, K. 44691
Saruwatari, M. *see* Morioka, T. 26826
Saruwatari, M. *see* Takara, H. 14263
Saruwatari, M. *see* Uchiyama, K. 36095
Sarvak, S.K. *see* Chanda, A. 14604
Sarvar, F., Conway, P.P. Effective transient process modelling of the reflow soldering of printed circuit assemblies 1783
Sarvar, F. *see* Whalley, D.C. 31606
Sarwar, A., Balasubramaniam, S., Walker, D.M.H. Yield learning model for integrated circuit package assembly 20936
Sarwar, M. *see* Gillibrand, D. 51892
Sarwar, S. *see* Benussi, L. 37231
Sarwate, D.V. *see* Classon, B.K. 35472
Sarwate, D.V. *see* Tanner, P.M. 36203
Sarzala, R.P., Nakwaski, W., Osinski, M. Carrier diffusion in the active region of vertical-cavity surface-emitting lasers and its influence on their operation 3917
Sarzala, R.P., Nakwaski, W., Osinski, M. Comprehensive thermal-electrical self-consistent model of proton-implanted top-surface-emitting lasers 14136
Sas, J.van *see* van Sas, J.
Sas, P. *see* Pan, M.-C. 50886
Sasa, K., Oguri, Y., Okamura, M., Okada, M., Ito, T., Hayashizaki, N., Hattori, T. Measurement of plasmas induced by $^4He^+$ beams from an r.f. quadrupole linac 59165
Sasa, K. *see* Hattori, T. 59111
Sasa, S., Sugihara, T., Tada, K., Izumiya, S., Yamamoto, Y., Inoue, M. High field transport properties of InAs/AlGaSb quantum wires 12487
Sasa, S. *see* Inoue, M. 42104
Sasabe, H. *see* Perry, J.W. 14408
Sasabe, H. *see* Tao, X.T. 44663
Sasada, I., Yamauchi, T., Yatomi, Y. Performance of a human-size magnetic shield of cylindrical structure with magnetic shaking enhancement 4278
Sasada, I. *see* Koga, F. 58684
Sasada, I. *see* Koga, F. 58694
Sasagawa, G.S. *see* Faller, J.E. 17188
Sasagawa, K., Saka, M., Abe, H. Theoretical analysis of a crack problem in electrothermal field 247
Sasagawa, K. *see* Yamada, T. 50973
Sasagawa, M. *see* Noda, A. 26736
Sasagawa, M. *see* Takasaki, Y. 7078
Sasagawa, T., Yamamoto, T., Inoue, M., Tanaka, M., Yagi, S. Excimer laser machining by a multiple imaging system using holographic optical elements 24317
Sasagawa, T. *see* Takemura, K. 18517
Sasago, M. *see* Ohfuji, T. 32273
Sasahara, K. *see* Takizawa, M. 12016
Sasahara, K. *see* Torii, A. 16634
Sasahara, M. *see* Kamei, T. 41124
Sasai, H., Tanabe, M., Utsumi, K., Fujito, K. Multiband transmission of high D/U ratio for reduction of fiber lines in optical microcell system 16756
Sasai, Y. *see* Yoshii, S. 54259
Sasajima, M., Yonetsu, C., Ishikura, Y., Kato, H. Evolution of total support system for outside plant operation 35652
Sasakawa, T., Tagawa, N., Herai, T., Tomita, M. Preliminary design of magnetic shielding by FEM 45253
Sasaki, A., Iwata, F., Katsumata, A., Akiyama, T., Fujiyasu, H. A stable scanning tunneling microscope designed for investigations of organic thin films in air 36517
Sasaki, A., Mizuno, M., Sampei, S., Watanabe, F., Sasaoka, H., Hata, M., Honma, K. Standardization activities on FPLMTS radio transmission technology in Japan 26572
Sasaki, A., Yoneda, H., Ueda, K., Takuma, H. Development of a 2-D hydrodynamics code and an atomic kinetics postprocessor for recombination soft X-ray lasers 13961
Sasaki, A. *see* Ahmadi, V. 44306
Sasaki, A. *see* Imada, M. 44501
Sasaki, A. *see* Matsumoto, Y. 43736
Sasaki, A. *see* Mitsuyu, T. 55918
Sasaki, F. *see* Kawano, M. 11715
Sasaki, F. *see* Yamada, Y. 42129
Sasaki, G. *see* Go, H. 13995
Sasaki, G. *see* Hamakawa, A. 14194
Sasaki, G. *see* Imada, M. 44501
Sasaki, G.H. *see* Yao-Min Chen 16133
Sasaki, H., Inglis, B.D., Takahashi, K., Klonz, M. Determination of the time-constants of thermoelectric effects in thermal converters using a fast-reversed DC 27357
Sasaki, H., Karaki, K. Direct pattern recognition of a motion picture by hole-burning holography of Eu^{3+}:Y_2SiO_5 55932
Sasaki, H., Sadakuni, S. Load levelling by control of air conditioner operation 28777
Sasaki, H., Shinozaki, K., Kamijoh, T. Reduced alignment accuracy requirement using focused Gaussian beams for free-space optical interconnection 44137
Sasaki, H. *see* Agbenyo, F.K. 28786
Sasaki, H. *see* Fujimoto, K. 21641
Sasaki, H. *see* Ishihara, M. 54744
Sasaki, H. *see* Ishikawa, F. 28724
Sasaki, H. *see* Ishikawa, F. 60232
Sasaki, H. *see* Kawahara, K. 28845
Sasaki, H. *see* Klonz, M. 27313
Sasaki, H. *see* Kobayashi, K. 2673
Sasaki, H. *see* Komla A., F. 38295
Sasaki, H. *see* Nagata, T. 29068
Sasaki, H. *see* Shinozaki, K. 14369
Sasaki, H. *see* Taguchi, M. 26565
Sasaki, I. *see* Nishiguchi, I. 44927
Sasaki, I. *see* Tsutsumi, H. 12029
Sasaki, J. *see* Shimizu, T. 26199
Sasaki, J.M., Cardoso, L.P., Campos, C., Roberts, K.J., Clark, G.F., Pantos, E., Sacilotti, M.A. Synchrotron radiation multiple diffraction study of $Al_{0.304}Ga_{0.172}In_{0.524}As$ MOVPE grown onto InP(001) 41937
Sasaki, K., Gauckler, L.J. Microstructure-property relations of solid oxide fuel cells. Microstructural design of cathodes and current collectors 51532
Sasaki, K., Okuno, Y., Okamura, T., Kabashima, S. Discharge structure and performance in disk CCMHD generator with water vapor 61099
Sasaki, K., Tsukishima, T. Numerical study of an optically pumped multimode D_2O laser 33364
Sasaki, K. *see* Chihara, K. 44235
Sasaki, K. *see* Goedickemeier, M. 29612
Sasaki, K. *see* Hiraki, M. 11477
Sasaki, K. *see* Ishikawa, H. 10067
Sasaki, K. *see* Kobayashi, T. 44372
Sasaki, K. *see* Kojima, H. 21710
Sasaki, K. *see* Marumoto, K. 31263
Sasaki, K. *see* Muramoto, M. 34260
Sasaki, K. *see* Noya, A. 785
Sasaki, K. *see* Noya, A. 32065
Sasaki, K. *see* Tagaya, A. 33392
Sasaki, K. *see* Takahashi, M. 19511
Sasaki, K. *see* Takeyama, M. 42605
Sasaki, K. *see* Umemura, S. 8103
Sasaki, K. *see* Weixiao Zhang 2931
Sasaki, K. *see* Yamamoto, T. 27537
Sasaki, K. *see* Yamashita, T. 51286
Sasaki, K. *see* Yanagisawa, H. 42733
Sasaki, K. *see* Yoshimoto, K. 32247
Sasaki, K.Y., Talbot, J.B. Modelling studies of the electrodeposition of the binary iron-group alloys 30849
Sasaki, M. A study on control of DC feeder voltage for electric railway power systems 61273
Sasaki, M., Hirota, O. Construction of an optimum detection process for binary pure-state signals 34735
Sasaki, M., Toyoda, A. 3D motion estimation of a moving object using model-based techniques 57509
Sasaki, M. *see* Kameyama, M. 40821
Sasaki, M. *see* Koyama, T. 52216
Sasaki, M. *see* Kulbachinskii, V.A. 54139
Sasaki, M. *see* Neuffer, D. 7694
Sasaki, M. *see* Noguchi, K. 52378
Sasaki, M. *see* Okumura, H. 17651
Sasaki, M. *see* Yoshida, S. 31859
Sasaki, N., Ohkubo, Y., Ochiai, Y., Ishibashi, K., Bird, J.P., Aoyagi, Y., Sugano, T., Ferry, D.K. Phase breaking of trapped electrons in a gated quantum dot 42237
Sasaki, N. *see* Hofler, A. 12644
Sasaki, N. *see* Hofler, A. 42411
Sasaki, N. *see* Ohnishi, K. 19775
Sasaki, N. *see* Shimizu, S. 843
Sasaki, N. *see* Suzuki, K. 43068
Sasaki, O. *see* Arai, Y. 37267
Sasaki, O. *see* Arai, Y. 37268
Sasaki, O. *see* Suzuki, T. 36636
Sasaki, P. *see* Yujin Zheng 44705
Sasaki, R. *see* Watanabe, K. 36595
Sasaki, S., Amano, I., Yaguchi, T., Matsuzaki, N., Yamada, E., Taguchi, S., Shibata, M. Scandate cathode coated with Mo and Sc films 53900
Sasaki, S., Tanaka, K., Miura, K., Yano, M. Screen printed adhesive technologies for all-silicon optical packaging 243
Sasaki, S. *see* Aketagawa, M. 56902
Sasaki, S. *see* Fukuda, Y. 2358
Sasaki, S. *see* Hara, S. 44120
Sasaki, S. *see* Hashimoto, S. 17910
Sasaki, S. *see* Kaizu, K. 16507
Sasaki, S. *see* Kikuchi, N. 16826
Sasaki, S. *see* Kikuchi, N. 56253
Sasaki, S. *see* Komada, M. 22640
Sasaki, S. *see* Kurobe, H. 20162
Sasaki, S. *see* Nishihara, A. 282
Sasaki, S. *see* Prokopets, A.G. 59278
Sasaki, S. *see* Shibata, Y. 44325
Sasaki, S. *see* Tanaka, K. 26915
Sasaki, S. *see* Terada, K. 44539
Sasaki, S. *see* Tofanelli, A. 26393
Sasaki, S. *see* Yuitoo, I. 23359
Sasaki, T. Effects of plasma parameters on properties of a-Si:H related films 853
Sasaki, T., Komiya, T., Takano, K., Oba, N., Kobayashi, H. Time-division pseudo multi-port register file with wave pipelining 41094
Sasaki, T. *see* Enomoto, T. 3921
Sasaki, T. *see* Fujimoto, Y. 23438
Sasaki, T. *see* Hamamoto, K. 16509
Sasaki, T. *see* Hyeongmin Jeon 30884
Sasaki, T. *see* Ikeda, T. 23595
Sasaki, T. *see* Ishizuka, M. 10089
Sasaki, T. *see* Ishizuka, M. 30305
Sasaki, T. *see* Iwai, M. 52589
Sasaki, T. *see* Kitaoka, Y. 33647
Sasaki, T. *see* Kudo, K. 52644
Sasaki, T. *see* Mori, Y. 14285
Sasaki, T. *see* Nan Jiang 42365
Sasaki, T. *see* Noumi, H. 37073
Sasaki, T. *see* Sharma, L.B. 14341
Sasaki, T. *see* Takada, S. 3090
Sasaki, T. *see* Takano, Y. 30783
Sasaki, T. *see* Takei, H. 32978
Sasaki, T. *see* Takeuchi, T. 16728
Sasaki, T. *see* Takeuchi, T. 26911
Sasaki, T. *see* Takezoe, N. 10963
Sasaki, T. *see* Won, J. 30885
Sasaki, T. *see* Yamada, T. 44461
Sasaki, T. *see* Yamada, T. 55115
Sasaki, W. *see* Kitahara, M. 29871
Sasaki, W. *see* Takezoe, N. 10963
Sasaki, Y. *see* Asami, E. 27622
Sasaki, Y. *see* Furushima, Y. 14196
Sasaki, Y. *see* Kaminskii, A.A. 4012
Sasaki, Y. *see* Kawai, H. 2986
Sasaki, Y. *see* Kawai, H. 32663
Sasaki, Y. *see* Lee, Y. 11220
Sasaki, Y. *see* Maeda, J. 55475
Sasaki, Y. *see* Saitou, S. 31102
Sasaki, Y. *see* Seki, J. 49536
Sasaki, Y. *see* Shimazaki, A. 43203
Sasaki, Y. *see* Yokota, H. 55211
Sasaki, Y. *see* Yu, H.A. 3604

Sasaki, Y. *see* Yu, H.A. 29629
Sasala, R. *see* Kroposki, B. 39112
Sasala, R. *see* Powell, R.C. 39062
Sasala, R.A., Bohland, J., Smigielski, K. Physical and chemical pathways for economic recycling of cadmium telluride thin-film photovoltaic modules 39081
Sasamori, K. *see* Kobayashi, T. 51380
Sasamoto, K. Technical trends on I/O interface 35743
Sasane, S.A., Dhend, M.H. Loading shedding: present trends and drawbacks 60228
Sasao, H. *see* Horinouchi, K. 38895
Sasao, H. *see* Koyama, K. 29463
Sasao, K., Honma, M., Nishihara, A., Atarashi, T. Numerical simulation of air flow over LSI package boards with complex arrangements 10136
Sasao, M. *see* Wada, M. 37181
Sasao, T., Debnath, D. Generalized Reed-Muller expressions: complexity and an exact minimization algorithm 21592
Sasao, T. *see* Asaki, Y. 17020
Sasao, T. *see* Debnath, D. 40763
Sasao, T. *see* Iguchi, Y. 40813
Sasaoka, H. *see* Furukawa, H. 58142
Sasaoka, H. *see* Hamaguchi, K. 6646
Sasaoka, H. *see* Hamaguchi, K. 47744
Sasaoka, H. *see* Minami, H. 14839
Sasaoka, H. *see* Sasaki, A. 26572
Sasaoka, H. *see* Suzuki, M. 6647
Sasaoka, K. *see* Sato, Y. 11910
Sasaoka, K. *see* Sato, Y. 41593
Sasase, I. *see* Enomoto, K. 26527
Sasase, I. *see* Enomoto, K. 35975
Sasase, I. *see* Enomoto, K. 46664
Sasase, I. *see* Ohtsuki, T. 16778
Sasase, I. *see* Okawa, K. 47594
Sasase, I. *see* Shiokawa, S. 5694
Sasase, I. *see* Sugihara, A. 16066
Sasase, I. *see* Takemori, K. 5739
Sasase, I. *see* Takemori, K. 35869
Sasase, I. *see* Uehara, H. 6541
Sasase, I. *see* Wibisono, G. 35982
Sasase, I. *see* Wibisono, G. 45510
Sasaski, T., Hisano, K., Sakamoto, T., Monma, S., Fijimori, Y., Iwasaki, H., Ishizuka, M. Development of sheet type thermal conductive compound using AlN 10942
Sasaya, T. *see* Tyminski, J.K. 32331
Sasayama, K., Yamada, Y., Habara, K., Yukimatsu, K. FRONTIERNET: frequency-routing-type time-division interconnection network 47915
Sasayama, K. *see* Misawa, A. 26452
Sasayama, K. *see* Yamada, Y. 47491
Sasayama, S. *see* Matsuda, T. 18282
Sasayama, T., Suzuki, S., Tsuchitani, S., Koide, A., Suzuki, M., Nakazawa, T., Ichikawa, N. Highly reliable silicon micromachined physical sensors in mass production 13173
Sasazawa, H. *see* Matsuyama, Y. 25469
Sasdelli, R. *see* Ferrero, A. 38449
Sase, M. *see* Kosugi, Y. 59508
Sase, S., Murai, H. New high performance epoxy materials for laminates and their application to substrates of packages and modules 10168
Sashchiuk, A.P. *see* Konin, A.M. 1990
Sashchuk, A. *see* Miskinis, R. 3016
Sashida, H., Kamiya, S., Imagawa, K., Okuda, S., Shirasu, H. Design and execution of the call processing program using layered dataflow diagram 6401
Sashida, H. *see* Shirasu, H. 58074
Sashin, D. *see* Grootoonk, S. 18328
Sasho, S., Sakata, T. Four multi probing test for 16 bit DAC with vertical contact probe card 41270
Sasian, J. *see* Reiley, D.J. 47495
Sasian, J.M. *see* Hinterlong, S.J. 35886
Sasian, J.M. *see* Lentine, A.L. 58290
Sasidhar, K., Chatterjee, A., Zorian, Y. Optimal multiple chain relay testing scheme for MCMs on large area substrates 31670
Sasidhar, K., Kim, B., Chatterjee, A., Swaminathan, M. Low cost parallel MCM interconnect test on large area substrates 53854
Saso, T. *see* Kato, K. 29733
Sass, J. *see* Strupinski, W. 693
Sassa, K. *see* Komatsu, R. 14284
Sassa, T., Sakurai, W., Umegaki, S. Self organized quasi-phase matching in frequency doubling using nonlinear-optical photoconducting polymers 4037
Sassano, A. *see* Galluccio, A. 21066
Sasse, M.A. *see* Watson, A. 6276
Sassella, A., Borghesi, A., Corni, F., Monelli, A., Ottaviani, G., Tonini, R., Pivac, B., Bacchetta, M., Zanotti, L. Infrared study of Si-rich silicon oxide films deposited by plasma-enhanced chemical vapor deposition 30915
Sassella, A. *see* Borghesi, A. 31781
Sassi, A. *see* Sandini, G. 26072
Sassi, M.P. *see* Pisani, M.Q. 27265
Sassoli, H., Grangeon, F., Mathey, Y., Autric, M., Pailharey, D., Marine, W. Deposition of $NbTe_4$ thin films using laser ablation: crystallographic structure and spatial composition of deposits 10867
Sassone, G. *see* Bagnoli, P.E. 61296
Sassoulas, P.O. *see* Gosse, B. 31545
Sassowsky, M. *see* Adam, A. 37280
Sastre, A. *see* Rojo, G. 43891
Sastre, R. *see* Calderon, O.G. 23760
Sastry, A.R. *see* Leiner, B.M. 19000
Sastry, K.V.L.N. *see* Mukhopadhyay, I. 44367
Sastry, M.D. *see* Srinivasu, V.V. 43761
Sastry, R. *see* Mu, A. 6415
Sastry, S.S. *see* Chiang, K.H. 9917
Sastry, S.S. *see* Pappas, G.J. 38030
Sastry, V.V. *see* Raju, N.R. 50434
Sata, Y., Iwasaki, H., Ishizuka, M. Development of prediction technique for cooling performance of finned heat sink in uniform flow 263
Satake, A. *see* Okuno, T. 22421
Satake, H. *see* Yata, S. 11765
Satake, K., Kasahara, M. Notes on decoding method for high-order superimposed codes and its performance 45547
Satake, K., Kasahara, M., Hirasawa, S. Notes on decoding method for superimposed codes and its performance 14838
Satake, M., Hanado, H., Sato, K., Horie, H., Kumagai, H., Ihara, T., Kozu, T., Okamoto, K. Development and measurements of a test model for functional verification of TRMM precipitation radar (PR) 28633
Satake, M. *see* Okamoto, K. 28636
Satake, T. *see* Kevern, J. 3362
Satake, T. *see* Ogawa, K. 9699
Satalino, G. *see* Sergi, R. 8302
Satapathy, J.K. *see* Panda, G. 48456
Satapathy, S. *see* Panda, A.K. 1704
Satarov, V.V. *see* Peredel'skii, G.I. 9357
Satava, R.M., Jones, S.B. Department of Defense needs for medical equipment [smart technologies] 19029
Sathaye, S.S. *see* Sha, L. 26091
Sathe, P.M. *see* Sanghvi, S.H. 7861
Satheesan, P.A. *see* Pattnaik, S.S. 34215
Sather, A.P. *see* Qureshi, R. 46490
Satherberg, A., Karlsson, M., Karlsson, M. Theoretical and experimental determination of phantom scatter factors for photon fields with different radial energy variation 18516
Satherberg, A. *see* Spurny, F. 18127
Satherley, B.I., Jones, R.D., Bones, P.J. EEG spectral topography in neurology. I. A review of techniques 37825
Satherley, B.I., Jones, R.D., Bones, P.J. EEG spectral topography in neurology. II. A new system and a theoretical comparison of interpolation techniques 37826
Sathiakumar, S., Hui, S.Y.R., Pasalic, F. Characteristics of asynchronous and synchronous discrete delta modulation for power inverters 60873
Sathiakumar, S. *see* Asaii, B. 9674
Sathiakumar, S. *see* Asaii, B. 29791
Sathiakumar, S. *see* Asaii, B. 29793
Sathiakumar, S. *see* Hui, S.Y.R. 51134
Sathiakumar, S. *see* Hui, S.Y.R. 51174
Sathiakumar, S. *see* Shrivastva, Y. 9358
Sathyamurthy, P., Runstadler, P.W., Lee, S. Numerical and experimental evaluation of planar and staggered heat sinks 266
Sathyamurthy, S., Parikh, A., Salama, K. Processing of polycrystalline HTS for high current transport applications 23397
Satinger, D., Oster, L., Horowitz, Y.S., Yossian, D. The kinetics of peak 5 in LiF:Mg,Ti–dose dependence of the thermoluminescence isothermal decay at 165°C 44218
Satish, A., Kashyap, R.L. Estimation of singularities for intercept point forecasting 8679
Satish, M. *see* Pradhan, N. 8059
Satka, A. *see* Smanek, R. 12339
Sato, A., Kumashiro, S. 2-dimensional problems of acousto-optic tunable filter 44191
Sato, A., Ohara, A., Ogawa, Y., Suzuki, M. Lock-in amplifier with autotracking bandpass filter 1145
Sato, A., Sousumi, K., Asai, K., Itabe, T. Characteristics for normal mode and Q-switched operations of flashlamp-pumped Cr, Tm (,Ho):YAG lasers 33459
Sato, A. *see* Asakura, T. 2904
Sato, A. *see* Fukushima, A. 27248
Sato, A. *see* Kamada, F. 26341
Sato, A. *see* Kawahara, T. 1331
Sato, A. *see* Kitahara, A. 51812
Sato, A. *see* Kozawa, A. 61030
Sato, A. *see* Loewenhardt, P.K. 54478
Sato, A. *see* Yamamatsu, J. 11764
Sato, A. *see* Yanagisawa, M. 23356
Sato, C. *see* Fujisaka, H. 40858
Sato, D.L. *see* Thompson, P. 40390
Sato, D.L. *see* Zhou, J.J. 736
Sato, F., Murakami, J., Matsuki, H., Kikuchi, S., Harakawa, K., Satoh, T. Stable energy transmission to moving loads utilizing new CLPS 9641
Sato, F. *see* Chung, M.S. 35819
Sato, F. *see* Murakami, J. 8843
Sato, F. *see* Omi, T. 48427
Sato, F. *see* Tezuka, H. 47904
Sato, G. *see* Hirano, K. 32136
Sato, G. *see* Hoshiyama, M. 44562
Sato, G. *see* Kogiso, S. 34414
Sato, H., Aoyama, K., Tsuneno, K., Masuda, H. A novel transient enhanced diffusion model of phosphorus during shallow junction formation 12671
Sato, H., Hotaka, H., Gunjima, T., Tanabe, Y., Hirano, M. Grating polarizing beam-splitter using polymerized liquid crystal 44099
Sato, H., Kashiwagi, K., Niwano, K., Iga, T., Ikeda, T., Mashiko, K., Sumi, T., Tsuchihashi, K. A 1.9-GHz single chip IF transceiver for digital cordless phones 26526
Sato, H., Matsumoto, Y., Okino, N. Policy optimization by neural network and its application to queueing allocation problem 25905
Sato, H., Nakamura, N., Gjoen, S.R., Akoh, H. Improvement in parameter spreads of YBaCuO/PrBaCuO/YBaCuO trilayer junctions 32887
Sato, H., Sarkar, M.R., Naoi, Y., Sakai, S. XPS measurement of valence band discontinuity at GaP/GaN heterointerfaces 31962
Sato, H., Toyama, T., Shoji, Y., Shirakata, M., Marutsuka, K., Yoshii, M., Takano, S., Arakawa, D., Takasaki, E., Adachi, T., Kinsho, M., Takagi, A., Ikegami, K., Machida, S., Igarashi, Z., Mori, Y., Arvieux, J., Fujieda, M., Iwata, T., Hayashi, N., Kageya, T., Fukui, S., Horikawa, N., Matsuda, T., Koba, K., Takahashi, M., Hasegawa, T. Polarized deuteron beam acceleration at the KEK-PS 59166
Sato, H. *see* Fujikake, S. 39127
Sato, H. *see* Fukuda, M. 3840
Sato, H. *see* Inocencio, E. 26203
Sato, H. *see* Ito, S. 32272
Sato, H. *see* Kodama, Y. 44359
Sato, H. *see* Kondo, K. 5027
Sato, H. *see* Matsuno, H. 4036
Sato, H. *see* Miyoshi, S. 55154
Sato, H. *see* Nagasawa, K. 29297
Sato, H. *see* Nakao, M. 17574
Sato, H. *see* Nishimura, S. 52423
Sato, H. *see* Nishio, S. 902
Sato, H. *see* Nishio, S. 40635
Sato, H. *see* Seki, T. 60236
Sato, H. *see* Shimizu, N. 13274
Sato, H. *see* Shimizu, N. 43530
Sato, H. *see* Suguri, K. 1447
Sato, H. *see* Suzuki, M. 52649
Sato, H. *see* Takahashi, M. 33107
Sato, H. *see* Takahashi, N. 48245
Sato, H. *see* Tamura, H. 61281
Sato, H. *see* Tsuneno, K. 11450
Sato, H. *see* Umehira, M. 6519
Sato, I. *see* Jae-Young Choi 37156
Sato, I. *see* Ohsawa, S. 49204
Sato, I. *see* Sato, Y. 46505
Sato, I. *see* Yamaguchi, S. 37158
Sato, J., Cipolla, R. Affine integral invariants and matching of curves 5319
Sato, J., Cipolla, R. Obstacle detection from image divergence and deformation 25767
Sato, J., Morishima, S. Emotion modeling in speech production using emotion space 24882
Sato, J. *see* Nishimura, Y. 60455
Sato, J. *see* Okada, M. 43763
Sato, J. *see* Watanabe, K. 29477
Sato, K. Characterization of MEMS materials: measurement of etching properties and mechanical strength 23069
Sato, K. Range imaging based on moving pattern light and spatio-temporal matched filter 59046
Sato, K., Ishii, H., Fotaka, I., Kondo, Y., Yamamoto, M. Actively mode-locked lasers integrated with electroabsorption modulators and chirped gratings 44585
Sato, K., Kotaka, I., Kondo, Y., Yamamoto, M. Active mode locking at 50 GHz repetition frequency by half-frequency modulation of monolithic semiconductor lasers integrated with electroabsorption modulators 3949
Sato, K., Kotaka, I., Kondo, Y., Yamamoro, M. Actively mode-locked strained-InGaAsP multiquantum-well lasers integrated with electroabsorption modulators and distributed Bragg reflectors 55717
Sato, K., Maehara, M., Nishimura, H., Mishima, M., Yamanaka, M. Development of a charge-pump electronic ballast 39393
Sato, K., Nishikawa, K., Suzuki, N., Ogawa, A. Analysis of antennas mounted on portable equipment near human body 14699
Sato, K., Sugawara, K., Narita, Y., Namura, I. Consideration of the method of image diagnosis with respect to frontal lobe atrophy 28161
Sato, K., Takimoto, S. Evaluating performance of high-speed and long distance communications on HIPPI-ATM networks 57825
Sato, K., Tsuji, Y., Takeda, H. Some applications of neural network to inspection/diagnosis techniques 30356
Sato, K. *see* Dohata, M. 3989
Sato, K. *see* Enbutsu, K. 24242
Sato, K. *see* Fukumoto, Y. 13483
Sato, K. *see* Hamazumi, Y. 58272
Sato, K. *see* Hayafuji, N. 22873
Sato, K. *see* Hirose, H. 5272
Sato, K. *see* Hiura, S. 7416
Sato, K. *see* Iwai, T. 36092
Sato, K. *see* Joyce, B.A. 764
Sato, K. *see* Kajita, S. 32750
Sato, K. *see* Katayose, H. 58585
Sato, K. *see* Kato, H. 21690
Sato, K. *see* Kato, M. 33369
Sato, K. *see* Kato, T. 55151
Sato, K. *see* Kitano, T. 43130
Sato, K. *see* Korematsu, S. 49383
Sato, K. *see* Kushiro, N. 10017
Sato, K. *see* Manabe, T. 57881
Sato, K. *see* Miyamoto, K. 43278
Sato, K. *see* Morikawa, T. 48552

Sato, K. *see* Morito, K. 26812
Sato, K. *see* Nagatsu, N. 36108
Sato, K. *see* Noguchi, K. 59885
Sato, K. *see* Ohmatsu, K. 23423
Sato, K. *see* Ohtsuki, T. 16778
Sato, K. *see* Okamoto, S. 35587
Sato, K. *see* Saito, S. 16749
Sato, K. *see* Sakaguchi, T. 27924
Sato, K. *see* Satake, M. 28633
Sato, K. *see* Seino, T. 21982
Sato, K. *see* Seki, Y. 30699
Sato, K. *see* Shikida, M. 43386
Sato, K. *see* Shikida, M. 44977
Sato, K. *see* Suda, A. 13962
Sato, K. *see* Suda, A. 13969
Sato, K. *see* Takano, H. 22661
Sato, K. *see* Takasaki, T. 13944
Sato, K. *see* Takeuchi, H. 55290
Sato, K. *see* Teshima, M. 24019
Sato, K. *see* Tsuda, H. 23620
Sato, K. *see* Watanabe, A. 26449
Sato, K. *see* Yoshioka, T. 21409
Sato, K.-I. Photonic transport network OAM technologies 26691
Sato, K.-I. *see* Koga, M. 6427
Sato, K.N. *see* Katsuki, S. 24403
Sato, K.N. *see* Katsuki, S. 44999
Sato, M. GaAsN alloys and GaN/GaAs double-heterostructures 10894
Sato, M. Nitrogen radical densities during GaN growth by molecular beam epitaxy, plasma-assisted metalorganic chemical vapor deposition, and conventional metalorganic chemical vapor deposition 30835
Sato, M. Critical layer thickness of GaN thin layers embedded in GaAs 30840
Sato, M., Chinveeraphan, S., Takamatsu, R. Multiscale image dipole description by fine-to-coarse aggregation algorithm 5001
Sato, M., Hara, H., Kuritani, H., Nishide, T. Novel route to Co_3O_4 thin films on glass substrates via N-alkyl substituted amine salt of Co(III)-EDTA complex 43881
Sato, M., Kobayashi, K. Spin-valve-like properties of ferromagnetic tunnel junctions 55040
Sato, M., Moroishi, K.I., Ishigami, S., Sakharov, S.A., Medvedev, A.V. Filter and resonator using langasite 13399
Sato, M., Tezuka, S. Power ICs for switching power supplies 40878
Sato, M., Yamaji, K., Sekita, M., Amano, M., Nishimura, M., Konishi, H., Oomori, T. Development of a hybrid margin angle controller for HVDC continuous operation 19281
Sato, M., Yoshioka, S., Inoue, A., Tani, S. Interface crack analysis on surface with dimples in LSI package 10130
Sato, M., Yoshioka, S., Inoue, A., Tani, S., Iwaoka, M. Analyses of delamination arrest effect of dimples on interface in LSI package 39826
Sato, M., Zeimer, U., Bugge, F., Gramlich, S., Weyers, M. Evaluation of strained InGaAs/GaAs quantum wells by atomic force microscopy 42135
Sato, M. *see* Abedin, K.S. 24077
Sato, M. *see* Allen, L.R. 22559
Sato, M. *see* Chinveeraphan, S. 5377
Sato, M. *see* Fukutani, K. 56198
Sato, M. *see* Hatanaka, K. 37195
Sato, M. *see* Hayakawa, Y. 16394
Sato, M. *see* Ido, S. 4996
Sato, M. *see* Ido, S. 5402
Sato, M. *see* Iwao, T. 37645
Sato, M. *see* Kawase, I. 44737
Sato, M. *see* Kawase, K. 33655
Sato, M. *see* Kubota, H. 55041
Sato, M. *see* Kurpas, P. 40347
Sato, M. *see* Kurpas, P. 42964
Sato, M. *see* Matsumura, E. 56199
Sato, M. *see* Miyataka, M. 18342
Sato, M. *see* Nakamura, K. 3778
Sato, M. *see* Nakamura, K. 14068
Sato, M. *see* Ninomiya, K. 49906
Sato, M. *see* Nomura, I. 40879
Sato, M. *see* Ohkubo, K. 45308
Sato, M. *see* Ohno, K. 42618
Sato, M. *see* Okamura, H. 1264
Sato, M. *see* Sekiguchi, S. 47065
Sato, M. *see* Sukanya, P. 5010
Sato, M. *see* Sukanya, P. 5051
Sato, M. *see* Takaishi, W. 45503
Sato, M. *see* Togawa, N. 21595
Sato, M. *see* Togawa, N. 40815
Sato, M. *see* Togawa, N. 41101
Sato, M. *see* Togawa, N. 53210
Sato, M. *see* Wang, S. 25503
Sato, M. *see* Wang, S.J. 56826
Sato, M. *see* Yanagidaira, T. 18158
Sato, M. *see* Yoshioka, T. 17720
Sato, N. Characterization of the cobalt component in the positive-electrode material of a nickel metal hydride battery using extended X-ray absorption fine structure 61042
Sato, N. *see* Fukuda, M. 16824
Sato, N. *see* Ohshima, Y. 18083
Sato, N. *see* Sakaguchi, K. 42353
Sato, N. *see* Shimizu, T. 20239
Sato, N. *see* Tsunetsugu, H. 42635
Sato, N.Y. *see* Ikehata, T. 37545
Sato, O. *see* Ito, S. 49460
Sato, O. *see* Ohkoshi, S. 43614
Sato, R., Shinriki, M. New polyphase pulse compression codes with the bandwidth reduced 4485
Sato, R., Shirai, H. Scattering by a narrow rectangular gap 33981
Sato, R., Shirai, H. Plane wave diffraction by a thick slit: TM case 56007
Sato, R. *see* Ishiguro, H. 34802
Sato, R. *see* Kang, J. 47862
Sato, R. *see* Kawamata, K. 14656
Sato, R. *see* Ohba, Y. 41291
Sato, R. *see* Okamoto, K. 48387
Sato, R. *see* Shirai, H. 24547
Sato, S., Matsuo, M., Kuroda, K., Takeo, M., Miyoshi, K., Shikimachi, K. Development of a superconducting persistent-current-switch in a type of transformer 9416
Sato, S., Shimojo, M., Seki, Y., Takahashi, A., Shimizu, S. Measuring system for grasping 28083
Sato, S., Takahashi, K., Matsuda, K., Kuribayashi, S. Latest innovations in high-power CO laser technology and outlook for the future 30189
Sato, S., Tsukiji, M., Kimura, K. Breakdown characteristics of hydrofluorocarbons in gas phase 43462
Sato, S. *see* Ando, T. 32264
Sato, S. *see* Aritome, S. 11453
Sato, S. *see* Chujo, T. 37284
Sato, S. *see* Horiuchi, R. 48395
Sato, S. *see* Kuroda, T. 42931
Sato, S. *see* Nose, T. 55326
Sato, S. *see* Nozaki, S. 10972
Sato, S. *see* Nozaki, S. 41871
Sato, S. *see* Shimizu, S. 28082
Sato, S. *see* Shinohara, H. 59402
Sato, S. *see* Tanzawa, T. 1394
Sato, S. *see* Yamada, M. 33423
Sato, S. *see* Yamada, Y. 26374
Sato, S. *see* Zhan He 55323
Sato, T. 3.6-cm full-color poly-Si TFT displays with interlaced and non-interlaced scanning functions 17647
Sato, T., Hasko, D.G., Ahmed, H. Nanoscale colloidal particles: Monolayer organization and patterning 43394
Sato, T., Inoue, T., Tomita, H., Yatabe, S., Nishijima, K., Tokai, Y., Nameki, M., Saito, N., Mizoguchi, T. 5 MHz switching micro DC-DC converter using planar inductor 40917
Sato, T., Maruyama, M., Yamano, H., Abe, M., Omoto, S.O., Yukawa, K., Kirita, S. Development of new data-through CAD system and application to boiler plants for thermal power stations 19544
Sato, T., Nishikata, S., Ishizaki, A. Performance analysis of self-controlled synchronous motors considering the effects of magnetic saturation 60701
Sato, T., Okada, H., Yamazato, T., Katayama, M., Ogawa, A. Performance degradation due to the access timing delay on CDMA unslotted ALOHA with channel load sensing 46665
Sato, T., Sato, Y., Fujikura, M., Haga, Y. Magnetic properties of Fe-based amorphous/nanocrystalline alloy bilayer ribbons 3084
Sato, T., Sone, I. Development of bulk-optic current sensor using glass ring type Faraday cells 58951
Sato, T., Takeda, K., Nagamatsu, T., Wakayama, T., Kimura, I., Shinbo, T. Automatic signal processing of front monitor radar for tunneling machines 48119
Sato, T., Watanabe, H., Ishiguro, M., Azuma, H., Nakano, H., Ohkawa, M., Maruyama, T., Shimba, M. Frequency stabilization of a semiconductor laser under some direct FSK modulation techniques 44534
Sato, T. *see* Azuma, T. 42849
Sato, T. *see* Eguchi, I. 37741
Sato, T. *see* Fukasawa, A. 6588
Sato, T. *see* Inouye, Y. 34745
Sato, T. *see* Izumita, H. 13588
Sato, T. *see* Kameyama, K. 7867
Sato, T. *see* Kaminaga, K. 20729
Sato, T. *see* Kasahara, R. 43976
Sato, T. *see* Kim, Y. 8308
Sato, T. *see* Kim, Y. 8347
Sato, T. *see* Nakamura, K. 17105
Sato, T. *see* Nakano, H. 33575
Sato, T. *see* Okada, H. 26533
Sato, T. *see* Saito, M. 36061
Sato, T. *see* Sakuyama, S. 11885
Sato, T. *see* Seki, H. 13463
Sato, T. *see* Takahata, K. 43363
Sato, T. *see* Takayasu, M. 35699
Sato, T. *see* Taya, H. 26921
Sato, T. *see* Wada, Y. 60179
Sato, T. *see* Wakabayashi, H. 43275
Sato, Y., Ikeuchi, K. Recovering shape and reflectance properties from a sequence of range and color images 25495
Sato, Y., Ito, K., Arakawa, T., Kobayakawa, K. Possible cause of the memory effect observed in nickel-cadmium secondary batteries 19957
Sato, Y., Itsumi, M. Atmosphere dependence in phosphorus pileup at the silicon surface during isochronal heating 54348
Sato, Y., Jian Chen, Zoroofi, R.A., Harada, N., Tamura, S., Shiga, T. Automatic extraction and measurement of leukocyte motion in microvessels using spatiotemporal image analysis 49484
Sato, Y., Kuwabara, Y., Oka, R. Real-time learning of chaos dynamics using a high-performance simulator on a neuro-computer 31427
Sato, Y., Moriyama, M., Hanayama, M., Naito, H., Tamura, S. Acquiring 3D models of non-rigid moving objects from time and viewpoint varying image sequences: a step toward left ventricle recovery 49504
Sato, Y., Sasaoka, K., Shibayamo, K., Hamano, H., Fukuoka, Y. A new PCB utilizing buried bump interconnection technology (B^2it) 11910
Sato, Y., Sasaoka, K., Shibayama, K., Hamano, H., Fukuoka, Y. A new PCB utilizing buried bump interconnection technology 41593
Sato, Y., Sato, I., Ikeuchi, K. 3D shape and reflectance morphing 46505
Sato, Y., Shibayama, K., Hamano, H., Fukuoka, Y. A high density substrate with buried bump interconnection technology (B^2it) 10167
Sato, Y., Yabumoto, N., Imai, K. Escape of phosphorus from silicon during rapid thermal annealing 42412
Sato, Y. *see* Akazawa, M. 12957
Sato, Y. *see* Ando, M. 34306
Sato, Y. *see* Hattori, K. 7226
Sato, Y. *see* Hirako, M. 6735
Sato, Y. *see* Iida, M. 27131
Sato, Y. *see* Kataoka, T. 51185
Sato, Y. *see* Kataoka, T. 51355
Sato, Y. *see* Kawamoto, Y. 18336
Sato, Y. *see* Kosugi, T. 42675
Sato, Y. *see* Kotaki, H. 43026
Sato, Y. *see* Kubota, T. 49428
Sato, Y. *see* Matsuoka, S. 6823
Sato, Y. *see* Mori, S. 32314
Sato, Y. *see* Mukaeda, S. 11775
Sato, Y. *see* Munetomo, M. 21087
Sato, Y. *see* Murakami, T. 49064
Sato, Y. *see* Muramatsu, R. 27129
Sato, Y. *see* Nagai, M. 61347
Sato, Y. *see* Nakajima, H. 52832
Sato, Y. *see* Nakajima, Y. 25725
Sato, Y. *see* Nogawa, H. 25624
Sato, Y. *see* Otawa, H. 7946
Sato, Y. *see* Saito, K. 42372
Sato, Y. *see* Sato, T. 3084
Sato, Y. *see* Watanabe, K. 27760
Sato, Y. *see* Yokosawa, K. 59541
Sato, Y. *see* Zoroofi, R.A. 18268
Sato, Y. *see* Zoroofi, R.A. 59461
Sato Mitsuo *see* Mitsuo Sato
Sato Shin-Ya *see* Shin-Ya Sato
Sato Turtelli, R. *see* Do, H.D. 3076
Sato Turtelli, R. *see* Sinnecker, J.P. 3073
Sato-Iwanaga, J., Fujimoto, K., Masato, H., Ota, Y., Inoue, K., Troyanovsky, B., Yu, Z., Dutton, R.W. Distortion analysis of GaAs MESFETs based on physical model using PISCES-HB 43142
Satoh, A. *see* Minami, M. 53300
Satoh, A. *see* Suzuki, K. 32412
Satoh, H. *see* Kanazawa, K. 18384
Satoh, H. *see* Kawahito, S. 17261
Satoh, H. *see* Mizuno, K. 22694
Satoh, H. *see* Shimoda, Y. 32385
Satoh, H. *see* Ukai, Y. 8047
Satoh, K., Hozumi, H., Okada, S., Itoh, T., Kanemoto, S., Okano, H. Autonomous mobile patrol system for nuclear power plants: field test report of vehicle navigation and sensor positioning 60483
Satoh, K., Ohta, Y. Occlusion detectable stereo–systematic comparison of detection algorithms 5083
Satoh, K. *see* Baba, H. 49065
Satoh, K. *see* Kanayama, S. 7993
Satoh, K. *see* Kitahara, I. 17609
Satoh, K. *see* Maurer, W. 2507
Satoh, K. *see* Soda, H. 6849
Satoh, M., Doke, T., Kato, T., Kikuchi, J., Kobayashi, M., Masuda, K., Okada, H. Attenuation length of drifting electrons in allene-doped liquid argon 31796
Satoh, M., Ikeguchi, T., Matozaki, T. An automatic algorithm for removing uninterested regions in image signals 25729
Satoh, M., Kawamura, T. Awareness network service 16163
Satoh, M. *see* Inoue, T. 30738
Satoh, M. *see* Kushiya, K. 39116
Satoh, M. *see* Yamamoto, Y. 40394
Satoh, N. *see* Hashimoto, S. 16232
Satoh, O. *see* Mizuno, F. 27906
Satoh, R. *see* Kawai, M. 232
Satoh, S. *see* Hattori, K. 22723
Satoh, S. *see* Kanade, T. 7101
Satoh, S. *see* Kanehara, F. 25322
Satoh, S. *see* Mikami, N. 21990
Satoh, S. *see* Ohnakado, T. 41159
Satoh, S. *see* Tosaka, Y. 2804
Satoh, S. *see* Tosaka, Y. 31269
Satoh, S. *see* Tosaka, Y. 59209
Satoh, T., Araki, K. On construction of signature scheme over a certain non-commutative ring 24795
Satoh, T., Kurosawa, K. Information theoretic approach to privacy for multi-party protocols 35497
Satoh, T., Onishi, A., Li, R., Asami, H., Kanazawa, Y. Development of 1.5 W 4 K G-M cryocooler with magnetic regenerator material 51875

Satoh, T. *see* Kee-Ho Yu 25502
Satoh, T. *see* Kurosawa, K. 4563
Satoh, T. *see* Kurosawa, K. 34536
Satoh, T. *see* Miwa, T. 1332
Satoh, T. *see* Murakami, J. 8843
Satoh, T. *see* Nakayama, M. 23746
Satoh, T. *see* Nishio, T. 46995
Satoh, T. *see* Sakuma, J. 33381
Satoh, T. *see* Sato, F. 9641
Satoh, T. *see* Shimizu, H. 31778
Satoh, T. *see* Takashima, T. 19399
Satoh, T. *see* Takashima, T. 28944
Satoh, T. *see* Tanaka, K. 18341
Satoh, T. *see* Tsukamoto, T. 37401
Satoh, T. *see* Yoshida, K. 3378
Satoh, T. *see* Yoshida, K. 3379
Satoh, T. *see* Yoshida, K. 3387
Satoh, T. *see* Yoshida, K. 23486
Satoh, Y., Tanaka, Y., Takada, T. Observation of charge behavior in organic photoconductor using the pulsed electroacoustic method and pressure wave propagation method 44198
Satoh, Y. *see* Aita, K. 22691
Satoh, Y. *see* Kushiya, K. 39116
Satoh, Y. *see* Takada, T. 60126
Satomi, M. *see* Sakakima, H. 43657
Satomi, M. *see* Watanabe, H. 13434
Satonaka, H., Hashimoto, Y., Yamada, Y., Kakinami, T. A study of sensor fusion technology for collision avoidance system 58853
Satonobu, J., Torii, N., Nakamura, K., Ueha, S. Construction of megatorque hybrid transducer type ultrasonic motor 9277
Satori, G., Zieger, B. Spectral characteristics of Schumann resonances observed in Central Europe 45138
Satorius, E. *see* Riley, A.L. 58260
Satorius, E.H. *see* Bruce, A.G. 14779
Satorra, A. *see* Espinal-Berenguer, A. 420
Satorre Cuerda, R. *see* Garcia-Chamizo, J.M. 25732
Satorre-Cuerda, R. *see* Ibarra-Pico, F. 25733
Satoshi, I. *see* Minoru, S. 29019
Satou, T., Sakauchi, M. A software multimedia platform with real-time video manipulation capability 48253
Satov, Y. *see* Bourgeois, M. 49273
Satov, Y. *see* Dubenkov, V. 18057
Satov, Yu.A. *see* Baranov, V.Yu. 18077
Satov, Yu.A. *see* Haseroth, H. 49278
Satow, H. *see* Kudoh, T. 37638
Satow, T., Nakagawa, T. Three replacement models with two kinds of damage 52336
Satpathy, H.P. *see* Dash, P.K. 50485
Satpathy, H.P. *see* Dash, P.K. 60332
Satpathy, J.K. *see* Panda, G. 35388
Satrapinski, A. *see* Seppa, H. 27245
Satrapinski, A. *see* Seppa, H. 27780
Satravaha, P. *see* Songping Zhu 21174
Satriano, J.H. *see* Fusillo, L. 38046
Satriano, J.H. *see* Zietz, S. 50000
Satsukawa, Y. *see* Mu, A. 6415
Satta, A., Fiorentini, V., Bosin, A., Meloni, F., Vanderbilt, D. Structural and electronic properties of AlN, GaN and InN, and band offsets at AlN/GaN (10$\bar{1}$0) and (0001) interfaces 12265
Sattar, A.A., El-Shokrofy, K.M., Samy, A.M., Kashif, I., Ghani, A.A. High-temperature anomalies of the electrical resistivity and thermoelectric power in $La_{2-x}R_xCuO_4$ (R=Y and Fe; x=0.0 and 0.05) 31863
Satterfield, M.J. *see* Perera, A.H. 1348
Sattler, J.P. *see* Nasrabadi, N.M. 8661
Sattler, L. Using queueing curve approximations in a fab to determine productivity improvements 30173
Sattler, L., Glassey, C.R., Saeed, B.I. Benchmarking semiconductor manufacturing performance using a pairwise-comparison method 54747
Sattmann, R. *see* Sturm, V. 3375
Satyam, M. *see* Badry Narayana, T. 32959
Satyam, M. *see* Sarkar, M. 53267
Satyam, P.V., Sekar, K., Kuri, G., Sundaravel, B., Dev, B.N. Ion channeling studies for the determination of orientation of the epilayers in an ion-beam-synthesized Si/$CoSi_2$/Si(111) system 32066
Satyam, P.V., Sundaravel, B., Ghose, S.K., Rout, B., Sekar, K., Mahapatra, D.P., Dev, B.N. Determination of strain in a buried epitaxial $CoSi_2$ layer in Si(111) by MeV ion scattering and X-ray rocking curve methods 32067
Satyam, P.V. *see* Sundaravel, B. 30810
Satyanarayana, J.H., Nowrouzian, B. Design and FPGA implementation of digit-serial modified Booth multipliers 41097
Satyanarayana, J.H., Parhi, K.K. A hierarchical approach to transistor-level power estimation of arithmetic units 22999
Satyanarayana, J.H., Parhi, K.K., Leilei Song, Yun-Nam Chang Systematic analysis of bounds on power consumption in pipelined and non-pipelined multipliers 1251
Satyanarayana, J.H. *see* Montalvo, L.A. 31187
Satyanarayana, N. *see* Venkateswarlu, M. 29525
Satyanarayana, S., Bhoomaiah, A., Rajaraman, R., Mukherji, S., Sheriff, K.R.S., Arunachalam, M., Singh, S., Holla, K.G., Lal, G. Development of corona-relief shields for 500 kV HVDC thyristor valves 60358
Satyre, F. *see* Vinodrai Pandya, K. 9991
Satyugov, V.M. *see* Gureev, D.M. 39762
Satzke, K. *see* Clesca, B. 26829
Satzke, K. *see* Haisch, H. 26831
Sau-Lai Leung *see* Ping-Chong Chee 25762
Sau-Mou Wu, Jeng-Rern Yang, Tzen-Yi Liu An ASIC for transponder for radio frequency identification system 16548
Sauceda, A. *see* Ojeda-Castaneda, J. 55929
Saucier, G. *see* Rochet, R. 2746
Saude, I., Loewenstein, J.C., Millanncourt, B. Validation of mixed-gas sensors in a controlled environment 27761
Sauer, A. *see* Deitinghoff, H. 37104
Sauer, B. *see* Gottfried-Gottfried, R. 13156
Sauer, C. *see* Abboud, F. 22654
Sauer, C. *see* Suerig, C. 3168
Sauer, I.R. *see* Ablowitz, M.J. 4026
Sauer, J. *see* Vaishnav, C. 47995
Sauer, J. *see* Willebrand, H. 6807
Sauer, J.D. *see* Stevens, J.L. 31091
Sauer, J.R. *see* El-Bawab, T.S. 5842
Sauer, K. *see* Saquib, S.S. 25411
Sauer, K. *see* Saquib, S.S. 57266
Sauer, K.D. *see* Saquib, S. 57315
Sauer, M. *see* Beiersdorfer, S. 10398
Sauer, P.W. *see* Overbye, T.J. 28782
Sauer, P.W. *see* Vournas, C.D. 19093
Sauer, R. *see* Gerster, J. 22220
Sauer, R. *see* Keilholz, L. 59766
Sauer, R. *see* Sobolev, N.A. 2190
Sauerbrey, R. *see* Feurer, T. 3965
Sauerbrey, R. *see* Michelmann, K. 14252
Sauerhoff, M., Wegener, I. On the complexity of minimizing the OBDD size for incompletely specified functions 410
Sauerlaender, F. *see* Gurskii, A.L. 40476
Sauerlaender, F. *see* Taudt, W. 40588
Sauermann, S. *see* Mayr, W. 8152
Sauerzopf, F.M. *see* Sternberg, A. 43503
Saul, J. *see* Lester, N. 11423
Saul, J.P. *see* Dongsheng Wu 59679
Saul, J.P. *see* Gamero, L.G. 37783
Saul, J.P. *see* Risk, M.R. 59666
Saul, P.H., Goody, S.B. Bipolar-SOI active filters for UHF radio communications 21791
Saul, P.H., Goody, S.B. Monolithic active filters at microwave frequencies 21979
Sauli, F. *see* Bouclier, R. 37262
Sauliner, J.B. *see* Wang, H.Y. 30219
Saulnier, E.T., Vastola, K.S. A simple approximation of multimedia traffic with long term correlation 6303
Saulnier, G. *see* Hetling, K. 6452
Saulnier, G.J., Alanzo Whyte, V.A., Medley, M.J. An OFDM spread spectrum system using lapped transforms and partial band interference suppression 47558
Saulnier, G.J. *see* Al-Dhahir, N. 6674
Saulnier, G.J. *see* Medley, M.J. 47557
Saulnier, G.J. *see* Pateros, C.N. 6483
Saulnier, J. *see* Kalonji, N. 26815
Saultz, J.E. Rapid Prototyping of Application-Specific Signal Processors (RASSP) in-progress report 41209
Saultz, J.E., Kalathil, B. Rapid prototyping of application-specific signal processors (RASSP) approach to meeting 4X 52119
Saumet, J.-L. *see* Pochet, T. 59383
Sauncy, T. *see* Holtz, M. 22233
Saunders, G.A. *see* Fanggao, C. 43561
Saunders, J. Real-time discrimination of broadcast speech/music 17037
Saunders, J.E. *see* Hughes, S.W. 49574
Saunders, L.A., Skibinski, G.L., Evon, S.T., Kempkes, D.L. Riding the reflected wave–IGBT drive technology demands new motor and cable considerations 51646
Saunders, L.F. *see* Jihad, G.A. 38205
Saunders, M. *see* Ocker, B. 13727
Saunders, M.A. Computing projections with LSQR 30603
Saunders, M.H. *see* Moscony, J.J. 54006
Saunders, R. The electronic brains and brawn behind AMSC's service 6001
Saunders, R. Target: total coverage [Wireless telephony] 57755
Saunders, R. *see* Cowan, P. 61355
Saunders, R.A., Garthe, D., Patel, B.L., Lee, W.S., Epworth, R.E. Observation of parametric noise amplification due to modulation instability and its impact on high bit rate systems 16833
Saunders, R.A., Patel, B.L., Garthe, D. System penalty at 10 Gb/s due to modulation instability and its reduction using dispersion compensation 58387
Saunders, R.A., Patel, B.L., Harvey, H.J., Robinson, A. Impact of cross-phase modulation for WDM systems over positive and negative dispersion NZ-DSF and methods for its suppression 6853
Saunders, R.A. *see* Garthe, D. 16830
Saunders, S. *see* Friedrich, R. 6074
Saunders, S. *see* Heywood, P. 46884
Saunders, S. *see* Kaye, P.H. 28619
Saunders, S.R., Evans, B.G. The spatial correlation of shadow fading in macrocellular mobile radio systems 35960
Saunders, S.R. *see* Agius, A.A. 26582
Saunders, S.R. *see* Parks, M.A.N. 35992
Saunier, P. *see* Ming-Yih Kao 43153
Saunier, P. *see* Somerville, M.H. 1719
Saupe, D. The futility of square isometries in fractal image compression 56747
Saupe, D., Hartenstein, H. Lossless acceleration of fractal image compression by fast convolution 56753
Saupe, D., Jacob, S. Variance-based quadtrees in fractal image compression 25536
Saupe, D., Ruhl, M. Evolutionary fractal image compression 56739
Saupe, D. *see* Hamzaoui, R. 46481
Saupe, D. *see* Hamzaoui, R. 56745
Saupe, S. *see* Wappelhorst, M.H. 48330
Saur, D.D., Yap-Peng Tan, Kulkarni, S.R., Ramadge, P.J. Automated analysis and annotation of basketball video 57341
Saurbier, F. *see* Baur, H.J. 49564
Saure, M. *see* Faremo, H. 2967
Sauren, A.A.H. *see* Bouten, C.V.C. 49397
Saury, J.L. *see* Garvey, T. 49193
Sausen, R. *see* Ponater, M. 8220
Sautenkov, V. *see* Gamidov, R. 27890
Sautenkov, V. *see* Gamidov, R. 44514
Sauter, D. *see* Noura, H. 52373
Sauter, K.A. TAB PWB specifications: critical concerns 53785
Sauter, S.A. *see* Hackbusch, W. 30676
Sautereau, H. *see* Kranbuehl, D. 11003
Sauteret, C. *see* Blanchot, N. 3952
Sauteret, C. *see* Boscheron, A.C.L. 14283
Sauteret, C. *see* Wagner, R. 3803
Sauvage, D. *see* Arrighi, C. 7816
Sauvage, D. *see* Becks, K.H. 59228
Sauvage, M. *see* Cesarsky, C.J. 36548
Sauvage-Simkin, M., Garreau, Y., Pinchaux, R., Cavanna, A., Veron, M.B., Jedrecy, N., Landesman, J.P., Nagle, J. Reconstruction and chemical ordering at the surface of strained (In,Ga)As epilayers 2040
Sauvage-Simkin, M. *see* Etgens, V.H. 12756
Sauvageau, J. *see* Schwartz, D.B. 23710
Sauvageau, M. *see* D'Avignon, G.R. 9122
Sauve, A.C. *see* Hero, A.O. 45759
Sauvola, J., Pietikainen, M. A document management interface utilizing page decomposition and content-based compression 5648
Sava, F. *see* Iovu, M. 42004
Sava, F. *see* Popescu, M. 42083
Sava, H.P., Bedi, R., McDonnell, J.T.E., Grant, P.M. Classification of Carpentier-Edwards bioprosthesis heart valves using an adaptive single layer perceptron 59430
Sava, H.P., McDonnell, J.T.E., Grant, P.M. Spectral composition of closing sounds produced by mechanical prosthetic heart valves 59794
Savadogo, O., Beck, P. Five percent platinum-tungsten oxide-based electrocatalysts for phosphoric acid fuel cell cathodes 51495
Savage, C.D. *see* Min Yih Wang, T. 462
Savage, J.C., Lisowski, M., Prescott, W.H. Observed discrepancy between Geodolite and GPS distance measurements 18804
Savage, R.M. Automated inspection and workmanship 53805
Savage, S. *see* Ross, B. 29852
Savage, T.S. *see* Sooriakumar, K. 27496
Savaidis, S., Frangos, P., Jaggard, D.J., Hizanidis, K. Scattering from fractally corrugated surfaces with use of the extended boundary condition method 45157
Savaniu, C. *see* Cobianu, C. 40517
Savanovic, G. *see* Bojic, M. 51865
Savant, G. *see* Fu, J. 33114
Savant, G. *see* Kostrzewski, A. 44311
Savard, P. *see* Kaouk, Z. 59782
Savard, P. *see* Khebir, A. 59784
Savard, P. *see* LeGuyader, P. 49741
Savard, P. *see* Thivierge, M. 59723
Savard, P. *see* Trelles, F. 49742
Savarese, C. *see* Bucci, O.M. 34181
Savaresi, S.M. *see* Bittanti, S. 45878
Savaresi, S.M. *see* Bittanti, S. 59308
Savari, S.A. Redundancy of the Lempel-Ziv incremental parsing rule 24728
Savari, S.A., Gallager, R.G. Generalized Tunstall codes for sources with memory 34598
Savaria, Y., Bois, G., Popovic, P., Wayne, A. Computational acceleration methodologies: advantages of reconfigurable acceleration subsystems 45723
Savaria, Y. *see* Abderrahman, A. 32492
Savaria, Y. *see* Belhaouane, A. 27421
Savary, P. *see* Camiade, M. 61299
Savas, S., Dutton, D., Wood, B., Guerra, R., Hammond, M.L. Advanced photoresist strip with a high pressure ICP source 2388
Savastano, M. *see* Arpaia, P. 58646
Savatinova, I. *see* Danesh, P. 12306
Savazzi, P. *see* Gamba, P. 8555
Savchenko, A.G. *see* Oreshkin, M.A. 55065
Savchenko, I.S. *see* Litvinov, P.A. 37183
Savchenko, V.A. *see* Bylkin, B.K. 29040
Savchouk, A. *see* Edelman, P. 44916
Savchuk, A.M. *see* Kramarenko, A.V. 37774
Savchuk, I.A. *see* Buinovskii, A.S. 3240
Savchuk, V.A., Korzun, B.V., Sobolev, N.A., Makovetskaya, L.A. Luminescence of copper-aluminum diselenide 54124
Savchuk, V.K. *see* Kotlyarchuk, B.K. 21357
Savchuk, V.K. *see* Kotlyarchuk, B.K. 22271

Savchyn, V., Stakhira, J. Formation of the oxide layer by the thermal oxidation of cleavage surface in the gallium selenide layered crystal 42587
Save, D., Braud, F., Torres, J., Binder, F., Muller, C., Weidnerd, J.O., Hasse, W. Electromigration resistance of copper interconnects 42725
Save, D. *see* Torres, J. 12805
Savel'ev, A.B. *see* Dzhidzhoev, M.S. 14289
Savel'ev, A.B. *see* Dzhidzhoev, M.S. 44336
Savel'ev, A.V. *see* Dzhidzhoev, M.S. 55809
Savel'ev, V.A. *see* Shorokh, G.P. 49387
Savenko, E.Yu. Control laws for a torque motor with magnetic-flux commutation for symmetric scanning conditions 50901
Savenko, P. *see* Pasnak, L. 45452
Savenko, P. *see* Podlevskyi, B. 45365
Savenko, P.A. Branching of solutions of antenna synthesis problems using the specified amplitude directivity pattern and regularizing functionals 4345
Savenko, P.O., Anokhin, V.J. Synthesis of the surface of reflector antenna for a given power pattern 45413
Savenko, P.O., Anokhin, V.J. Synthesis of amplitude-phase distribution and shape of a planar antenna aperture for a given power pattern 45416
Savenok, E.D. *see* Kuchinskii, P.V. 12982
Savi, P., Trinchero, D., Tascone, R., Orta, R. A new approach to the design of dual-mode rectangular waveguide filters with distributed coupling 41398
Savic, A. *see* Rajakovic, N. 60365
Savic, M.S. *see* Stojkovic, Z. 19395
Savignac, D. *see* Hoenigschmid, H. 54811
Savigni, C., Acciarri, M., Binetti, S. About a novel gettering procedure for multicrystalline silicon samples 12624
Savikin, A.P. *see* Grishin, I.A. 44664
Savill, P. *see* Mistry, R. 47436
Savill, P. *see* Tofanelli, A. 26393
Savilov, A.V. Electron self-trapping regime in the microwave system of a two-beam accelerator 7722
Savin, A., Grimberg, R., Mihalache, O. Analytical solutions describing the operation of a rotating magnetic field transducer 31006
Savin, A.M. *see* Hansen, O.P. 22306
Savin, A.M. *see* Kraak, V. 12270
Savin, D.P., Roizin, Ya.O., Demchenko, D.A., Mugenski, E., Sokolska, I. Properties of laser ablated porous silicon 1977
Savin, V.V., Ternovoy, Y.F., Borkovskih, V.A., Nedolya, A.V., Sabanov, S.A. Manufacture of gas-atomized powders of Fe-TM-Nd-REM-B alloys and magnets from them 3116
Savine, A. *see* Ferguson, M.I. 37283
Savinell, R.F. *see* Wainright, J.S. 20019
Savino, J.L. *see* Tang, T.K. 59882
Savino, M. *see* Andria, G. 7227
Savino, M. *see* Andria, G. 28962
Savino, M. *see* Giaquinto, N. 1536
Savino, S.P., Queroli, S.M. Impact of client/server computing on the telecommunications industry 16290
Savinov, G.A. *see* Baru, S.E. 37227
Savio, S. *see* Cosulich, G. 9689
Savio, S. *see* Cosulich, G. 39917
Savio, S. *see* Cosulich, G. 61250
Savioli, G.B., Jacovkis, P.M., Bidner, M.S. Stability analysis and numerical simulation of 1-D and 2-D radial flow towards an oil well 21193
Savir, E. *see* Weisz, S.Z. 2068
Savit, R.S. *see* Casdagli, M.C. 37832
Savit, R.S. *see* Casdagli, M.C. 59641
Savitskaya, A.N. *see* Kazmiruk, V.V. 12076
Savitskii, V.G., Sokolovskii, B.S. Photoelectric amplification of variband photoresistors 44250
Savitsky, G.V. *see* Kiyak, S.G. 22545
Savkin, A.V., Petersen, I.R. Fixed-order robust filtering for linear uncertain systems 45831
Savkin, A.V. *see* Reza Moheimani, S.O. 45877
Savkina, N.S. *see* Lebedev, A.A. 10680
Savoia, C. *see* Zaccherni, C. 42782
Savolainen, M., Rasanen, J.T., Peiponen, K.-K., Silvennoinen, R. Off-line system for simultaneous inspection of metal surface roughness and flatness by computer-generated holograms 24288
Savolainen, P., Pessa, M. High-power, high-efficiency GaInP/AlGaInP laser diode 14120
Savolainen, P. *see* Toivonen, M. 14190
Savolainen, P. *see* Zhang, G. 44492
Savolainen, S. *see* Aschan, C. 37862
Savolainen, S. *see* Pohjonen, H. 28278
Savolainen, T., Kaipio, J.P., Karjalainen, P.A., Vauhkonen, M. An electrical impedance tomography measurement system for experimental use 7161
Savolainen, V. *see* Muravyov, S.V. 17131
Savolainen, V. *see* Muravyov, S.V. 17132
Savord, B.J. *see* McConnell, M.V. 28274
Savost'yanenko, N.A. *see* Denisyuk, Yu.N. 4125
Savov, V.N., Georgiev, Zh.D., Bogdanov, E.S. Analysis of cage induction motor by means of the finite element method and coupled system of field, circuit and motion equations 50988
Savoye, E.D. *see* Reich, R.K. 36661
Savoye, E.D. *see* Waxman, A.M. 17511
Savoye, E.D. *see* Waxman, A.M. 25546
Savrin, R. *see* Bajd, T. 49757
Savtchenko, A., Shih Tang, Jin Wu Influences of wind bursting on radar return 18890
Savtchouk, B.A. *see* Sen, S. 54358
Savvides, N. *see* Jin, J.X. 43849
Savvin, V.L. *see* Vanke, V.A. 1955
Savvopoulos, B.J. *see* Levi, R. 19926
Savy, L. *see* Remm, J.-F. 27078
Savytskiy, V.G. *see* Kotlyarchuk, B.K. 21357
Savytskiy, V.G. *see* Kotlyarchuk, B.K. 22271
Sawa, A. *see* Mawatari, Y. 55086
Sawa, G. *see* Nakamura, S. 43508
Sawa, G. *see* Yamanaka, S. 32726
Sawa, I. *see* Min-Gou Wang 11830
Sawa, K. *see* Bekki, K. 11798
Sawa, K. *see* Karasawa, K. 22008
Sawa, K. *see* Koibuchi, K. 50946
Sawa, K. *see* Zhuan-Ke Chen 11828
Sawa, M. *see* Nakajima, H. 7024
Sawa, S. *see* Asai, M. 14571
Sawa, S. *see* Yabu, T. 43973
Sawa, T. *see* Nakagawa, F. 30273
Sawabe, T. *see* Nomura, M. 5548
Sawabe, T. *see* Yazaki, H. 5472
Sawada, A. *see* Okubo, H. 54962
Sawada, A. *see* Tanaka, J. 12917
Sawada, F. *see* Kawase, S. 7027
Sawada, H., Miura, Y., Masuo, K., Kadowaki, T., Miyamoto, W., Nakamura, T., Kawai, M., Tanaka, S. Development of application software for DIGITEX α digital angiographic system 18333
Sawada, H. *see* Hamaguchi, M. 33289
Sawada, H. *see* Kawai, M. 18334
Sawada, H. *see* Ohtomo, Y. 41103
Sawada, H. *see* Yamashita, S. 11353
Sawada, J.H. *see* Froehlich, K. 50631
Sawada, J.H. *see* Froehlich, K. 50645
Sawada, K., Genji, T., Okada, E., Iinuma, H. Development of a high-range current transformer 60829
Sawada, K., Tsuruga, H., Iida, T. Development of ground coils for Yamanashi Maglev Test Line 20163
Sawada, K. *see* Inoue, Y. 10082
Sawada, K. *see* Morita, T. 11794
Sawada, K. *see* Yoshida, T. 57060
Sawada, M., Tamura, K., Ichige, S. Operation and maintenance support systems of the experimental fast reactor JOYO 38537
Sawada, S., Ishigaki, H., Kambayashi, Y., Muroga, S. A fan-in restriction method based on generalized serial duplication for initial networks of transduction method 53258
Sawada, S., Yoshida, H., Kiyama, M., Mukai, H., Nakai, R., Takebe, T., Tatsumi, M., Kaji, M., Fujita, K. Slip defect generation on GaAs wafers during high temperature process: a thermoelastic study from a crystallographic viewpoint 31845
Sawada, S. *see* Noumi, H. 37073
Sawada, S. *see* Tamai, T. 22000
Sawada, T., Ko Yoneda Improvement of the accuracy of 3-D electron trajectory calculations using both the finite element method and the boundary element method 44968
Sawada, T. *see* Nagatsuka, K. 49433
Sawada, T. *see* Onodera, A. 2941
Sawada, T. *see* Tamaki, N. 23182
Sawada, T. *see* Yamagata, Y. 31953
Sawada, Y., Tamaru, H., Kogoma, M., Kawase, M., Hashimoto, K. The reduction of copper oxide thin films with hydrogen plasma generated by an atmospheric-pressure glow discharge 2339
Sawada, Y. *see* Chakraborty, B. 6986
Sawada, Y. *see* Momma, T. 11771
Sawada, Y. *see* Ono, S. 52746
Sawada, Y. *see* Sakai, K. 19932
Sawado, Y. *see* Arai, T.T. 836
Sawaguchi, A. *see* Hosaka, H. 17771
Sawaguchi, K. *see* Korematsu, S. 49383
Sawahashi, M., Adachi, F., Guoliang Shou, Changming Zhou Low-power consuming analog-type matched filter for DS-CDMA mobile radio 26537
Sawahashi, M. *see* Adachi, F. 26560
Sawai, H. *see* Yuasa, K. 46493
Sawaki, M., Hagita, N. Text-line extraction and character recognition of Japanese newspaper headlines with graphical designs 5595
Sawaki, N., Kidokoro, T., Ohsaki, S., Suzuki, T., Hara, K. Resonance of electronic states and indirect excitons in an asymmetric triple quantum well structure 12491
Sawaki, N. *see* Hiramatsu, K. 10793
Sawaki, N. *see* Ohuchi, Y. 40366
Sawaki, N. *see* Rezaul Huque Khan, M. 32365
Sawaki, N. *see* Shimizu, M. 30830
Sawaki, N. *see* Yamaguchi, M. 12492
Sawami, H., Niki, H. On iterative methods for solving a semi-linear eigenvalue problem 21122
Sawamoto, H. *see* Yoshida, S. 53340
Sawamura, S., Kanda, H., Miyanaga, Y., Tochinai, K. Maximum likelihood estimation of multiple sources using a local optimization method 34817
Sawant, S.R. *see* Kakatkar, S.V. 13431
Sawant, S.R. *see* Kakatkar, S.V. 23341
Sawaragi, H. *see* Takai, M. 12609
Sawasaki, N., Morita, T., Uchiyama, T. Design and implementation of high-speed visual tracking system for real-time motion analysis 1507
Sawatzky, G.A. *see* Veenstra, S.C. 23682
Sawaya, K. *see* Kitayoshi, H. 56118
Sawchuk, A.A. *see* Kuznia, C.B. 33340
Sawdon, D. Low frequency display emissions–a new standard 45214
Sawhill, H. *see* Keusseyan, R. 300
Sawicki, A. *see* Kruchinin, A.M. 9730
Sawicki, J.-P., Aubry, J.-F., Zanne, C. Recovery of an inverting mode the case of a three phase controlled by a digital device 60899
Sawicki, M., Dietl, T., Karczewski, G., Wojtowicz, T., Kossut, J., Skoskiewicz, T. Search for dimensionality crossover of spin-glass freezing in superlattices of $Cd_{0.50}Mn_{0.50}Te/CdTe$ 12434
Sawicki, M. *see* Brunthaler, G. 2204
Sawicki, M. *see* Dietl, T. 2203
Sawicki, M. *see* Grabecki, G. 12416
Sawicki, M. *see* Grabecki, G. 42234
Sawicki, M. *see* Jaroszynski, J. 12438
Sawin, H.H. *see* Chang, J.P. 42466
Sawin, H.H. *see* Lawing, A.S. 42465
Sawin, H.H. *see* Muscat, A.J. 42570
Sawin, H.H. *see* Wong, K.S. 54476
Sawiski, A. Diagnostics and modelling of arc electrowelding units 9748
Sawitzki, R. *see* Over, H. 41864
Sawkar, A.S. *see* Fry, G.E. 47541
Sawkar, A.S. *see* La Porta, T.F. 47694
Sawsan, S. *see* Descamps, P. 36253
Sawwa, R. *see* Dubrawski, A. 7577
Sawwa, R. *see* Petz, M. 7587
Sawyer, F.G. *see* Rogers, C.H. 27056
Sawyer, J. *see* Ruffin, P. 28698
Sawyer, N.B.E., See, C.W., Somekh, M.G. Differential optical profilometer using a single probe beam 7652
Sax, H. *see* Heitzmann, W. 39793
Saxberg, B.E.H. *see* Feldman, A. 49731
Saxe, C. *see* Price, K. 17602
Saxen, H., Bulsari, A., Karilainen, L., Raipala, K. Application of neural networks for classification of temperature distribution patterns 25731
Saxen, H. *see* Fredman, T. 38605
Saxena, A.K., Saleem, M. A simple automatic system for calibration of inductive voltage dividers 27292
Saxena, A.K. *see* Khare, N. 43791
Saxena, J. *see* Butler, K.M. 30178
Saxena, N., Carr, A., Adams, S. Implementation and production test results of a closed loop control of atmospheres for soldering 22058
Saxena, N., Precious, C., Carr, A., Adams, S. Closed loop control of atmospheres for soldering 39753
Saxena, N.R. *see* Pomeranz, I. 31329
Saxena, P. *see* Boppana, V. 11281
Saxena, P. *see* Murphy, R. 2744
Saxena, S. *see* Vasanth, K. 43029
Saxena, V. *see* Krishnaswamy, D. 53182
Saxena, V.Amod *see* Amod Saxena, V.
Saxler, A. *see* Kato, T. 30836
Saxler, A. *see* Redwing, J.M. 21271
Saxler, A. *see* Walker, D. 17392
Saxler, A. *see* Walker, D. 48504
Saxler, A. *see* Zhang, X. 3584
Saxler, A. *see* Zhang, X. 10897
Saxonis, A. *see* Thompson, W. 18080
Saya, F., Letor, R. IGBTs (Insulated Gate Bipolar Transistors) for distributorless ignition systems 29830
Saya, F. *see* Fragapane, L. 40912
Sayadi, M., Chaari, A., Fnaiech, F., Najim, M. A fast M-D Chandrasekhar algorithm for second order Volterra adaptive filtering 15288
Sayago, I. *see* Dori, L. 58900
Sayah, A. *see* Limberger, H.G. 43984
Sayama, H., Kuroi, T., Shimizu, S., Shirahata, M., Okumura, Y., Inuishi, M., Miyoshi, H. Low voltage operation of sub-quarter micron W-polycide dual gate CMOS with non-uniformly doped channel 43296
Sayama, K. *see* Kameda, M. 39128
Sayama, Y. *see* Kuwana, Y. 36770
Sayano, K., Feng Zhao Applications of narrow bandwidth, volume holographic gratings in photorefractive materials 14465
Sayano, K. *see* Feng Zhao 13556
Sayd, P., Dhome, M., Lavest, J.-M. Reconstruction of generalized cylinders under full perspective projection by monocular vision 15725
Sayd, P., Dhome, M., Lavest, J.-M. Axial stereo vision to recover straight cylinders 46516
Sayd, P., Dhome, M., Lavest, J.-M. Recovering generalized cylinders by monocular vision 56891
Saydam, T. *see* Martins, J. 5977
Saydy, L. *see* Akhrif, O. 19717
Sayed, A.F. *see* Rupp, M. 4905
Sayed, A.H. *see* Chandrasekaran, S. 598
Sayed, A.H. *see* Constantinescu, T. 56236
Sayed, A.H. *see* Haykin, S. 56559
Sayed, I.M. *see* Saad, E.M. 58637
Sayed, M. *see* Scott, J. 27389
Sayedi, S.M., Landsberger, L.M., Kahrizi, M. Electrical characterization of thin SiO_2 films created by negative-point oxygen corona discharge processing 12576
Sayeed, A.M. On the equivalence of the operator and kernel methods for joint distributions of arbitrary variables 45950
Sayeed, A.M., Jones, D.L. Generalized joint signal representations and optimum detection 15291

Sayeed, A.M., Jones, D.L. Optimal quadratic detection and estimation using generalized joint signal representations 15338
Sayeed, A.M., Jones, D.L. Equivalence of generalized joint signal representations of arbitrary variables 24912
Sayeed, A.M., Jones, D.L. Optimal reduced-rank time-frequency/time-scale quadratic detectors 34933
Sayeed, A.M., Jones, D.L. Corrections to "Optimal detection using bilinear time-frequency and time-scale representations" 45750
Sayeed, A.M., Jones, D.L. A simple covariance-based characterization of joint signal representations of arbitrary variables 45770
Sayeed, A.M. *see* Samimy, B. 17809
Sayeed, Z., Kassam, S.A. Analysis of transmitter diversity in fading channels 34186
Sayeed, Z. *see* Kassam, S.A. 35357
Sayegh, E. *see* Lubowe, A.G. 59901
Sayer, M. *see* Barrow, D.A. 43486
Sayers, D. *see* Johnston, R.E. 37639
Sayin, S. *see* Benson, H.P. 21094
Sayles, A.H., Shoop, B.L., Ressler, E.K. A novel smart pixel network for signal processing applications 33342
Sayles, A.H. *see* Goda, B.S. 20497
Saylor, A.V. Application of real-time radar environment models to distributed interactive simulation (DIS) 50273
Saylor, A.V., Barr, D.P., Woodruff, B.G., Lowe, L.T. W-band point scatterer target models for HWIL simulations 28704
Sayre, E.P. MCM compute node thermal failure–design or test problem? 31672
Saysset, N. *see* Maneux, C. 2590
Sayyah, K. One-dimensional equivalent circuit simulation of a photodiode-based spatial light modulator 13711
Sayyah, K., Au, A., Efron, U., Yamazaki, T. High-resolution liquid-crystal based spatial light modulator with a thin crystalline silicon photosubstrate structure 3475
Sazhin, O.D. *see* Dianov, E.M. 33041
Sazhin, S.G. *see* Burlaenko, N.A. 54992
Sazhin, V.G., Lukonin, V.P. Advanced sensors for inspecting hydrogen leak detection 58871
Sazhina, E.Y. *see* Bida, G.V. 55983
Sazio, P.J.A., Thompson, J.H., Jones, G.A.C., Linfield, E.H., Ritchie, D.A., Houlton, M., Smith, G.W. Use of very low energy in situ focused ion beams for three-dimensional dopant patterning during molecular beam epitaxial growth 22537
Sazio, P.J.A., Thompson, J.H., Jones, G.A.C., Linfield, E.H., Ritchie, D.A., Houlton, M., Smith, G.W. Dopant patterning in three dimensions during molecular beam epitaxial growth using an in-situ focused ion gun 32140
Sazzad, S. *see* Brown, T. 57970
Sbaiz, L. *see* Calvagno, G. 56734
Sbervegieri, O. *see* Ferroni, M. 52829
Sberveglieri, G., Anchisini, R., Murri, R., Ercoli, C., Pinto, N. An Al_2O_3 sensor for low humidity content: characterization by impedance spectroscopy 7285
Sberveglieri, G. *see* Anchisini, R. 27482
Sbervegieri, G. *see* Anchisini, R. 58720
Sbervegieri, G. *see* Depero, L.E. 30906
Sbervegieri, G. *see* Ercoli, C. 58723
Sbervegieri, G. *see* Larciprete, R. 58895
Sbervegieri, G. *see* Perego, C. 58892
Sbervegieri, G. *see* Yang, B. 58897
Sblendorio, G. *see* La Scala, M. 19111
Sbrizzai, R. *see* Aloisio, G. 60221
Sbrizzai, R. *see* La Scala, M. 19108
Scaccia, G. *see* Cheok, K.C. 20205
Scaccia, S. *see* Cheok, K.C. 20205
Scaccia, S. *see* Giorgi, L. 51506
Scaduto, A.F., Booth, R., Hwang, B., Mase, J., Miller, J., Jr., Steeves, J., Tran-Quinn, T. Overlay through metal to CMP: product demands, process challenges, review of contribution variables and improvement options 42802
Scafuri, F. *see* Gallagher, D. 12102
Scaglione, A., Barbarossa, S., Porchia, A., Scarano, G. Nonlinear time-frequency distributions with multiplication-free kernels 4675
Scaglione, A. *see* Barbarossa, S. 25152
Scaglione, A. *see* Panariello, G. 3376
Scaglione, A. *see* Porchia, A. 26963
Scaglione, S. *see* Cucurachi, S. 3541
Scaglione, S. *see* Piegari, A. 3923
Scaglione, S. *see* Rizzo, A. 3569
Scala, M.La *see* La Scala, M.
Scalapino, D.J. *see* Dahm, T. 23425
Scalapino, D.J. *see* Dahm, T. 32958
Scalart, P., Benamar, A. A system for speech enhancement in the context of hands-free radiotelephony with combined noise reduction and acoustic echo cancellation 26640
Scalart, P., Filho, J.V. Speech enhancement based on a priori signal to noise estimation 15073
Scalart, P. *see* Guelou, Y. 16611
Scalat, S., Banu, D., Hawes, D., Paris, J., Haghighata, F., Feldman, D. Full scale thermal testing of latent heat storage in wallboard 9570
Scales, I. Cable comes into its own 6356
Scales, J.A. *see* Gouveia, W.P. 60023
Scalliet, P. *see* Loncol, Th. 59846
Scalliet, P. *see* Schaeken, B. 28471
Scalpi, A. *see* Clark, R.L. 13337
Scalyga, N. *see* Dryagin, Yu. 11647
Scamarcio, G., Capasso, F., Faist, J., Sirtori, C., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Tunable interminiband infrared emission in superlattice electron transport 42222
Scanlan, J.M. *see* Johnson, G.E. 14876
Scanlan, L., Wing Lee, Vahey, M., McCollough, M. RASSP methodology evaluation and lessons learned developing IRST signal processor 48128
Scanlan, M. Why is the international accounting rate system in terminal decline, and what might be the consequences? [International telephony] 26061
Scanlan, R. *see* Palmer, R.B. 17966
Scanlan, R.M., Barletta, W.A., Dell'Orco, D., McInturff, A.A., Asner, A., Collings, E.W., Dahl, P.F., Desportes, H., Devred, A., Garre, R., Gregory, E., Hassenzahl, W., Lamm, M., Larbalestier, D., Leroy, D., McIntyre, P., Miller, J., Shintomi, T., ten Kate, H., Wipf, S. Superconducting magnet technology for future hadron colliders 37053
Scanlan, R.M., Barletta, W.A., Dell'Orco, D., McInturff, A.D., Asner, A., Collings, E.W., Dahl, P.F., Desportes, H., Devred, A., Garre, R., Gregory, E., Hassenzahl, W., Lamm, M., Larbalestier, D., Leroy, D., McIntyre, P., Miller, J., Shintomi, T., ten Kate, H., Wipf, S. Review of the status of superconducting accelerator and detector magnets at extremely high fields 13516
Scanlan, R.M. *see* Collings, E.W. 43773
Scanlan, R.M. *see* Sumption, M.D. 43869
Scanlon, G.A., Bourke, R.H., Wilson, J.H. Estimation of bottom scattering strength from measured and modeled mid-frequency sonar reverberation levels 18898
Scanlon, J. *see* Verhaege, K. 24339
Scanlon, L.G. *see* Munichandraiah, N. 29550
Scanlon, W.G., Evans, N.E., McCreesh, Z.M. RF performance of a 418-MHz radio telemeter packaged for human vaginal placement 59532
Scannavini, M.G. *see* Rossi, M. 31003
Scannell, R.K. A 480-MFLOP MCM based on the SHARC DSP chip, breaks the MCM cost barrier 7233
Scarafiotti, P. *see* Cesari, S. 29519
Scarano, G., Jacovitti, G. Applications of generalized cumulants to array processing 4774
Scarano, G. *see* Scaglione, A. 4675
Scarano, M. *see* D'Angelo, G. 9588
Scarano, M. *see* Di Stefano, R. 60969
Scarbata, G. *see* Kampe, J. 1053
Scarbrough, K.D. *see* Pelton, S.L. 59894
Scarcella, G. *see* Caruso, L. 29720
Scarchilli, G. *see* Gorgucci, E. 38072
Scardello, M.A. *see* Comperini, R.G. 6039
Scarf, P.A., Christer, A.H. Applications of capital replacement models with finite planning horizons 52112
Scarf, P.A. *see* Baker, R.D. 49835
Scarfone, C. *see* Jianying Li 7911
Scaringe, R.P. *see* Back, D.D. 28570
Scaringe, R.P. *see* Gui, F. 29893
Scarlat, D. *see* Brooks, D. 44008
Scarlin, B. Advanced steam turbine technology for improved operating efficiency 9093
Scarmozzino, R. *see* Hu, M.H. 23540
Scarmozzino, R. *see* Ilic, I. 14683
Scarmozzino, R. *see* Ilic, I. 23561
Scarmozzino, R. *see* Ilic, I. 36105
Scarpa, C. *see* Lane, F. 17091
Scarpa, F. *see* Spolaore, P. 23207
Scarpa, M. *see* Bobbio, A. 30467
Scarpa, M. *see* Puliafito, A. 47002
Scarpa, M. *see* Vianello, F. 50213
Scarpa, P., Spronck, L., Legros, W., Barrault, M. Diagnostic of arc root motion inside hollow electrodes in a thermal-expansion circuit-breaker 29505
Scarpa, P.C.N., Bulinski, A.T., Bamji, S., Das-Gupta, D.K. Dielectric behaviour of AC aged polyethylene in humid environment 13268
Scarpace, F. *see* Howell, E. 6672
Scarpellini, G. *see* Porta, A. 37816
Scarpellini, P. *see* Baratella, P. 28785
Scarpetta, G. *see* Pica, S. 42955
Scarpetta, G. *see* Pica, S. 42965
Scarpine, V.E. *see* Antonuk, L.E. 28253
Scarr, R.W.A. *see* Collington, J.R. 33156
Scarr, R.W.A. *see* Dames, M.P. 26439
Scarr, R.W.A. *see* Dames, M.P. 35888
Scarso, E., Bolisani, E. Technology transfer to supplier-dominated sectors. Lessons from the diffusion of CAD in the fashion industry 30092
Scartezzini, J.-L. *see* Oestreicher, Y. 51638
Scatena, D.J. *see* Herrit, G.L. 166
Scavarda, L.F. *see* Bruno, A.C. 40713
Scavennec, A. InP microelectronics reaching maturity 54748
Scavennec, A. *see* Boudiaf, A. 54821
Scavo, T. Training in a high-tech industry 104
Sceats, M. *see* Arkwright, J. 24085
Sceats, M.G. *see* Janos, M. 13589
Scedrov, A. *see* Lincoln, P.D. 21044
Scellier, D., Boire, J.-Y., Thouly, C., Maublant, J. Application of skeletonization algorithms for myocardial SPECT quantification 37730
Schaab, J.A., Radwin, R.G., Vanderheiden, G.C., Hansen, P.K. A comparison of two control-display gain measures for head-controlled computer input devices 17709
Schaaf, C. *see* Block, F.E., Jr 59537
Schaaf, J.C., Jr., Zowarka, R.C., Jr., Davey, K., Weldon, J.M. The AMT maglev test sled–EML weapons technology transition to transportation 39290
Schaaf, N.-S., Dohrmann, J.K., Seeliger, W., Tributsch, H. Photoanodic reactions at natural pyrite(100) studied by photocalorimetry: internal quantum and energy efficiencies and Peltier heats after different surface treatment 19949
Schaaf, N.-S. *see* Dohrmann, J.K. 2233
Schaaf, U., van der Broeck, H. Piezoelectric motor fed by a PLL-controlled series resonant converter 60818
Schaafsma, D.T., Christensen, D.H. Mode splitting in side emission from vertical-cavity surface-emitting lasers 23983
Schaake, H.F. *see* Chen, M.C. 3593
Schaal, R.E. *see* Vilas-Boas, J.W.S. 17013
Schaar-Mitrea, M.v.d. *see* de With, P.H.N. 15636
Schaback, R., Wu, Z. Operators on radial functions 665
Schablitsky, S. *see* Lei Zhuang 23961
Schablitsky, S.J., Lei Zhuang, Shi, R.C., Chou, S.Y. Polarization locking of vertical-cavity surface-emitting lasers using amorphous Si subwavelength transmission gratings 23929
Schablitsky, S.J. *see* Chou, S.Y. 44513
Schachinger, L. *see* Palmer, R.B. 17924
Schachinger, L. *see* Palmer, R.B. 17966
Schachinger, L.C. *see* Green, M.A. 49358
Schachter, S.C. *see* Ives, J.R. 49590
Schachterle, L. *see* Durgin, W.W. 20579
Schack, B., Krause, W. Instantaneous coherence as a sensible parameter for considering human information processing 8067
Schack, B., Weiss, S., Rappelsberger, P. Dynamic topographic methods of coherence analysis of cognitive processes 59623
Schacter, L. *see* Flechtner, D. 1904
Schacter, L. *see* Naqvi, S. 12109
Schad, L.R. *see* Debus, J. 59405
Schad, M.J. Estimation and control of glass sag in large-size flat-panel manufacturing 17672
Schade, E., Song-Hua Shen, Mosleh, A. Methodology for the analysis of human error probabilities 9012
Schade, P. Greater bandwidth, lower cost [copper/optical cables hybrid access networks] 35843
Schade, W. *see* Blanke, T. 18925
Schadel, H. *see* Dickschas, A. 49458
Schadler, L.S. *see* Bahr, D.F. 10906
Schadt, M. *see* Funfschilling, J. 17641
Schadt, M. *see* Schmitt, K. 33641
Schadt, M. *see* Stalder, M. 13720
Schaedler, R.M. *see* Miller, J.R. 32944
Schaefer, B., Dunn, M. Pulsed measurements and modeling for electro-thermal effects 22779
Schaefer, C. *see* Hintz, K.J. 59919
Schaefer, D. *see* Welsch, E. 3325
Schaefer, D.A. *see* Ackerman, R.E. 1885
Schaefer, D.A. *see* Ackerman, R.E. 52236
Schaefer, E. *see* Bieser, F. 59307
Schaefer, E.D. *see* Le, B.Q. 49896
Schaefer, J.A. *see* Bornscheuer, K.H. 40591
Schaefer, J.A. *see* Stietz, F. 2028
Schaefer, J.A. *see* Stietz, F. 42550
Schaefer, K. *see* Solarz, R. 55954
Schaefer, K.-O. *see* Molau, H.-J. 20181
Schaefer, M. *see* Durst, F. 41944
Schaefer, M. *see* Heinrich, S.M. 10063
Schaefer, N., Yamada, T., Shimamura, K., Koh, H.J., Fukuda, T. Growth of Si_xGe_{1-x} crystals by the micro-pulling-down method 10645
Schaefer, N. *see* Koh, H.J. 10655
Schaefer, N. *see* Rudolph, P. 10635
Schaefer, O., Greiner, A., Pommerehne, J., Guss, W., Vestweber, H., Tak, H.Y., Baessler, H., Schmidt, C., Luessem, G., Schartel, B., Stuempflen, V., Wendorff, J.H., Spiegel, S., Moeller, C., Spiess, H.W. Poly(p-phenylenevinylene) by chemical vapor deposition: synthesis, structural evaluation, glass transition, electroluminescence, and photoluminescence 33292
Schaefer, R. *see* Neu, V. 3121
Schaefer, T. *see* Berg, H.P. 50735
Schaefer, W. Measurement parameter evaluation for prescans as part of radiated EMI measurements 45201
Schaefer, W., Koch, A., Herold-Schmidt, U., Stolten, D. Materials, interfaces and production techniques for planar solid oxide fuel cells 29625
Schaefers, F. *see* Arkadiev, V. 37578
Schaeffer, C. *see* Duong, S. 31086
Schaeffer, C. *see* Duong, S. 40892
Schaeffer, C. *see* Duong, S. 53732
Schaeffer, C. *see* Farjah, E. 40891
Schaeffer, C. *see* Meysenc, L. 31087
Schaeffer, Ch. *see* Rael, S. 40887
Schaeffer, E., Bourret, P., Montrozier, S. Adaptative labelling and regularization neural network apply to SPOT multitemporal analysis 46384
Schaeffer, J. *see* Plaat, A. 30509
Schaeffer, L. *see* Cabraal, A. 38660
Schaeffer, M. *see* Bauer, C. 37326
Schaeffer, M. *see* Bauer, C. 37378
Schaeken, B., Scalliet, P. One year of experience with alanine dosimetry in radiotherapy 28471
Schaepers, T. *see* Hollfelder, M. 40331
Schaepkens, M. *see* Severens, R.J. 7520

Schaer, M. *see* Romero, D.B. 3643
Schafbauer, T. *see* Kersch, A. 22492
Schafer, A. *see* Muller, J.-E. 41493
Schafer, D. *see* Welsch, E. 44194
Schafer, H. *see* Bloss, P. 43421
Schafer, H. *see* Bloss, P. 54874
Schafer, H. *see* Kotthaus, S. 40675
Schafer, H. *see* Shao, H. 2219
Schafer, J. Universal coating process for PCBs 11959
Schafer, J., Braun, H. Optimizing classifiers for handwritten digits by genetic algorithms 25730
Schafer, J. *see* Ley, L. 54402
Schafer, J.H. *see* Uhlenbusch, J. 4171
Schafer, J.S. *see* Ota, Y. 58348
Schafer, K. *see* Baumann, I. 44059
Schafer, P., Nakagawa, M. Direct-sequence multi-carrier CDMA parallel acquisition in a multipath fading channel 6471
Schafer, R. MPEG-4–a new compression standard for audio-visual information in multimedia services 5225
Schafer, R. *see* Zhou, M. 15635
Schafer, R.W., Ezquerra, N., Harvel, L.D. Education in (and by) digital image systems at Georgia Tech 52030
Schafer, R.W. *see* Armitano, R.M. 25426
Schafer, R.W. *see* Crespo, J. 25445
Schafer, R.W. *see* Di Bella, E.V.R. 28242
Schafer, R.W. *see* Florencio, D.A.F. 15406
Schafer, R.W. *see* Florencio, D.A.F. 57279
Schafer, R.W. *see* McClellan, J.H. 9918
Schafer, U. Comparative study of inverter-fed drives with different motor types 51705
Schafer, W. *see* Bethschneider, G. 36933
Schafer, W.J. *see* Chmielewski, A.B. 18734
Schaferkotter, M.R. *see* Andrus, J.F. 10352
Schaff, W. *see* He, X.-F. 22373
Schaff, W.J. *see* Burm, J. 32459
Schaff, W.J. *see* Burm, J. 41443
Schaff, W.J. *see* Chen, Q. 41469
Schaff, W.J. *see* Jinwook Burm 16694
Schaff, W.J. *see* Jinwook Burm 42254
Schaff, W.J. *see* Jinwook Burm 54686
Schaff, W.J. *see* Khan, M.A. 13026
Schaff, W.J. *see* Perera, A.G.U. 48530
Schaff, W.J. *see* Wong, L.W. 54152
Schaff, W.J. *see* Yuan, H.X. 48509
Schaffa, F. *see* Patel, B. 6418
Schaffa, F.A. *see* Bisdikian, C.C. 47387
Schaffer, D. *see* Berezin, A. 30364
Schaffer, E. *see* Knobloch, J. 39192
Schaffer, J. *see* Tappe, T. 2124
Schaffer, M. *see* Hutton, J.F. 32987
Schaffer, P. *see* Windisch, H. 28364
Schaffer, T. *see* Franzon, P.D. 11498
Schaffer, T. *see* Franzon, P.D. 41220
Schaffer, T. *see* Moyer, G.C. 40943
Schaffer, T.A., Warren, H.P., Bustamante, M.J., Kong, K.W. A 2 GHz 12-bit digital-to-analog converter for direct digital synthesis applications 31342
Schafferhofer, I. *see* Hofer, E. 59579
Schaffers, K.I. *see* Marshall, C.D. 14083
Schaffers, K.I. *see* Page, R.H. 44524
Schaffers, K.I. *see* Page, R.H. 55590
Schaffler, F. *see* Brunthaler, G. 2204
Schaffner, R., Engelhardt, E. T/R module for a X-band SAR with active phased array antenna 16931
Schafft, H.A., Erhart, D.L., Gladden, W.K. Toward a building-in reliability approach [ICs] 369
Schaffter, M.W. *see* Hartmann, S. 41599
Schaffter, T. *see* Bornert, P. 28171
Schaik, A.van *see* van Schaik, A.
Schaik, F.A.Van *see* Van Schaik, F.A.
Schaik, W.van *see* van Schaik, W.
Schaldach, M. Microelectronic developments for cardiovascular implants 28433
Schaldach, M., Amon, M., Winkler, S., Bolz, A. Hybrid structure to improve the biocompatibility for cardiovascular implants 28439
Schaldach, M., Thong, T., Revishvili, A., Merkely, B., Lucehese, F. Technology and algorithms for implantable dual-chamber defibrillators 59796
Schaldach, M. *see* Amon, M. 59790
Schaldach, M. *see* Braile, D. 28399
Schaldach, M. *see* Hubmann, M. 28360
Schaldach, M. *see* Hutten, H. 37789
Schaldach, M. *see* Khassanov, I. 28437
Schaldach, M. *see* Polley, R. 28438
Schaldach, M. *see* Schreier, G. 28362
Schaldach, M. *see* Schreier, G. 49735
Schaldach, M. *see* Schreier, G. 59571
Schaldach, M. *see* Weiss, I. 59570
Schaldach, M. *see* Wetzig, T. 28361
Schalij, M.J. *see* Levert, J.V. 37815
Schalk, H., Balss, U., Reininger, H., Wolf, D. Robust vector quantisation for speech coding with CELP methods 34660
Schalk, S. *see* Engelko, V. 28008
Schalkoff, R.J., Poole, K.F., Singh, R., Reddy, G. Design and expansion of a 16-input/16-output artificial neural network integrated circuit building block 11627
Schalkoff, R.J. *see* Shaaban, K.M. 15706
Schalkwyk, J., Jain, N., Barnard, E. Speaker verification with low storage requirements 15088
Schallenberg, U.B., Kaiser, N. Thin-film plate polarizer with Fabry-Perot filter design 3565
Schallenberg, U.B. *see* Frank, M. 3564
Schaller, H. *see* Herman, C. 30318
Schaller, J.K., Wagemann, E.U., Stojanoff, C.G. Fast optical distance measurement by analysis of the focus of a holographic lens 3351
Schaller, M. *see* Dueme, P. 58315
Schaller, M. *see* Mathoorasing, D. 58296
Schaller, O. *see* Blum, C. 57968
Schaller, S. *see* Delgrossi, L. 46773
Schaller, Th. *see* Fahrenberg, J. 32586
Schambach, J. *see* Bellwied, R. 59284
Schambach, J. *see* Betts, W. 59222
Schambach, J. *see* Kotitz, R. 49513
Schambach, J. *see* Pandey, S.U. 37293
Schamberger, D. *see* Amos, N. 37445
Schamberger, D. *see* Cremaldi, L. 59262
Schamiloglu, E. *see* Grabowski, C. 12107
Schamiloglu, E. *see* Grabowski, C. 54003
Schamitloglu, E. *see* Young, D. 12115
Schamp heleer, W. *see* Spaepen, A. 6324
Schamschula, M. *see* Fu, J. 33114
Schamschula, M. *see* Simmons, P. 24994
Schamschula, M.P. *see* Caulfield, H.J. 24144
Schanda, U., Urban, A. Energy and active volume calibration of Xe-filled proportional counters in the 1 to 10 keV range 18097
Schanda, U. *see* Altmann, M. 37533
Schanen, J.-L. *see* Clavel, E. 29457
Schanen, J.L. *see* Blache, F. 40920
Schanen, J.L. *see* Teulings, W. 32400
Schanen Duport, I. *see* Corrao, N. 9916
Schanne, J.J., Jr. *see* Bee, L.F. 59970
Schanne-Klein, M.C. *see* Ricard, D. 24139
Schanzer, B. *see* Johnson, W.H. 42390
Schaper, A. *see* Spika, Z. 40354
Schaper, L. *see* Parkerson, J.P. 53877
Schaper, L.W. *see* Arnn, D.A. 1866
Schaper, L.W. *see* Glover, M.D. 1875
Schaper, L.W. *see* Low, Y.L. 31659
Schapers, T. *see* Engels, G. 42164
Schapers, Th. *see* Neurohr, K. 22448
Schapers, Th. *see* Qing Hu 13050
Schaposchnikov, S. *see* Grenzer, J. 53606
Schaposchnikov, S. *see* Winnerl, S. 42106
Schappacher, J.B. *see* Williams, D.F. 17164
Scharafutdeinow, F.F. *see* Kortov, V.S. 37909
Scharcanski, J., Dodson, C.T.J. Texture analysis for estimating spatial variability and anisotropy in planar stochastic structures 46122
Scharcanski, J., Venetsanopoulos, A.N. Edge detection of color images using directional operators 56689
Schardein, W. *see* Maschmann, M. 2850
Schardt, M. *see* Ruppert, G.S. 28681
Schardt, P., Schwarze, R. Energy-supply concept for an aluminium-processing enterprise 61363
Schardt, P. *see* Alt, H. 3303
Scharer, J.E., Booske, J.H., Joe, J., Louis, L., Basten, M.A. Experimental studies and analysis of low-voltage, grating TWT amplifiers 1948
Scharer, J.E. *see* Basten, M.A. 17983
Scharer, J.E. *see* Bettenhausen, M.H. 12112
Scharer, J.E. *see* Booske, J.H. 12118
Scharer, J.E. *see* Kelly, K.L. 4275
Scharer, J.E. *see* Louis, L.J. 12117
Scharer, U. *see* Goncalves-Conto, S. 52613
Scharf, A. Competition to GTOs (gate turnoff thyristors): wider employment of IGBTs (insulated gate bipolar transistors) 22825
Scharf, E. First steps towards the development and assessment of effective ATM charging algorithms 46876
Scharf, L.L. *see* Neng-Tsann Ueng 4811
Scharf, L.L. *see* Neng-Tsann Ueng 4899
Scharf, L.L. *see* Neng-Tsann Ueng 24942
Scharf, L.L. *see* Thomas, J.K. 15381
Scharf, T.W. *see* Barnard, J.A. 3044
Scharf, V. *see* Eyal, O. 48975
Scharf, W.H., Chomicki, O.A. Medical accelerators in radiotherapy: past, present and future 59773
Scharfetter, H., Wirnsberger, G.H., Holzer, H., Hutten, H. Influence of ionic shifts during dialysis on volume estimations with multifrequency impedance analysis 49716
Scharinger, J. Fast encryption of image data using chaotic Kolmogorov flows 56346
Scharinger, J., Pichler, F., Feichtinger, H.G., Leberl, F. Comparison of lossy image compression techniques with respect to their impact on edge detection 35257
Scharinger, J. *see* Kozek, W. 4727
Scharmann, A. *see* Baranov, P.G. 42116
Scharmann, A. *see* Gisbertz, A. 59841
Scharnholz, S.P. *see* Bano, E. 32406
Scharnweber, R., Dieckmann, N., Schilling, M. Noise properties and epitaxial quality in low-noise integrated $YBa_2Cu_3O_7$ magnetometers 58709
Scharnweber, R. *see* Schilling, M. 7436
Scharr, T. *see* Jong-Kai Lin 224
Scharrer, C. *see* Appel, A. 2814
Schartel, B. *see* Schaefer, O. 33292
Schastlivets, K.Yu. *see* Helvas, A.V. 35156
Schastnykh, B.S. *see* Kondratenko, A.K. 33901
Schattenburg, M.L. *see* Ferrera, J. 22726
Schattenburg, M.L. *see* Goodberlet, J. 42873
Schatz, R., Kjebon, O., Lourdudoss, S., Nilsson, S., Stalnacke, B. Enhanced modulation bandwidth and self-pulsations in detuned loaded InGaAsP DBR-lasers 55615
Schatz, R. *see* Kjebon, O. 44491
Schatz, R. *see* Lindgren, S. 33542
Schatz, R. *see* Morthier, G. 55648
Schatz, W. *see* Izatt, J.R. 44343
Schatzki, T.F., Young, R., Haff, R.P., Eye, J.G., Wright, G.R. Visual detection of particulates in X-ray images of processed meat products 46120
Schatzle, P. *see* Stoye, P. 32891
Schatzmayr, R. *see* Bocking, S. 46754
Schau, H. Effects of arcing faults in low-voltage cables 19364
Schau, H., Stade, D., Otto, R. Harmonic behaviour of asymmetric loads and compensation in power systems with distorted supply voltage 20261
Schaub, M. *see* Buhrer, R. 6337
Schauder, C.D. *see* Gyugyi, L. 38354
Schauer, J. *see* Ecke, W. 38038
Schauer, S. *see* Roche, T. 42563
Schauer, S. *see* Tiemessen, M. 32251
Schauer, S. *see* Wei Gao 760
Schaufele, A.B., Hardtl, K.H. Ferroelastic properties of lead zirconate titanate ceramics 13224
Schaufler, G. *see* Schmalstieg, D. 45578
Schaumann, R. *see* Szczepanski, S. 32548
Schaumont, P., Vanthournout, B., Bolsens, I., De Man, H.J. Synthesis of pipelined DSP accelerators with dynamic scheduling 31325
Schaumont, P., Vernalde, S., Engels, M., Bolsens, I. Digital upconversion architecture for quadrature modulators 35850
Schaus, C. *see* Yang, T. 55439
Schaus, C.F. *see* King, C.N. 7499
Schaus, M. *see* Verlotski, V. 51616
Schauser, K.E. *see* Alexandrov, A.D. 47215
Schauwers, J.-P. *see* Velaerts, B. 51345
Schebunjaev, A.G. *see* Dianov, E.M. 23812
Schechter, A. *see* Ein-Eli, Y. 51449
Schechter, P.B. Customer ownership of the local loop: a solution to the problem of interconnection 6370
Scheck, D.M. *see* Strandjord, A.J. 12044
Schedel-Niedrig, T. *see* Francz, G. 1993
Schedelbeck, G. *see* Abstreiter, G. 12448
Schedelbeck, G. *see* Baumgartner, P. 54719
Schedin, E., Thuvander, A., Henderson, P., Sandberg, P., Kamf, A. Stress relaxation behaviour of connectors– development of simulation techniques 11835
Schedin, F., Thornton, G., Uhrberg, R.I.G. Windows and photocathodes for a high resolution solid state bandpass ultraviolet photon detector for inverse photoemission 36566
Scheding, S. *see* Nebot, E.M. 27115
Schedl, M. *see* Jour, B. 38766
Scheeff, M. *see* Alley, R. 37033
Scheer, B.W. Development of a physical haze and microroughness standard 48339
Scheer, B.W. Developing a haze and microroughness reference standard 48882
Scheer, B.W. *see* Huff, H.R. 48883
Scheer, B.W. *see* Mulholland, G.W. 48340
Scheer, J.A. *see* Lane, T.L. 6933
Scheer, P. *see* Janocha, H. 13368
Scheer, R. Electron-beam induced current profiles for thin film heterojunction analysis 20045
Scheer, R., Wilhelm, M., Stolt, L. Temperature dependent electron beam induced current experiments on chalcopyrite thin film solar cells 51566
Scheer, R. *see* Alt, M. 40564
Scheerer, K. Airborne multisensor system for the autonomous detection of landmines 8623
Scheermesser, T., Bryngdahl, O. Spatially dependent texture analysis and control in digital halftoning 57136
Scheers, C. *see* Verbauwhede, I. 15349
Scheerschmidt, K., Conrad, D., Gosele, U. Molecular dynamics simulations to investigate wafer bonded interfaces 12611
Scheerschmidt, K. *see* Ruvimov, S. 22418
Scheetz, R.A. *see* Betts, W. 59222
Schefer, M., Meier, H.-P., Klepser, B.-U., Patrick, W., Bachtold, W. Integrated coplanar mm-wave amplifier with gain control using a dual-gate InP HEMT 21962
Schefer, M. *see* Klepser, B.-U.H. 26737
Scheff, K., Lik Wong, Szu, H. Optical character recognition using Haar wavelets 57548
Scheff, K. *see* Hansen, J.P. 36254
Scheffe, M.M. Two-sided prediction, orthogonalization, and random fields in images 25660
Scheffer, D., Dierickx, B., Pardo, F., Vlummens, J., Meynants, G., Hermans, L. Log polar image sensor in CMOS technology 37888
Scheffer, D. *see* Sandini, G. 26072
Scheffer, M.F., Kunicki, J.S. Fuzzy adaptive traffic enforcement for ATM networks 5947
Scheffknecht, G., Blum, R., Chen, Q., Vanderschaeghe, A. A project for the determination of high-temperature corrosion properties of various steam generator materials under operating conditions and steam temperatures up to 620°C 19556
Scheffler, G. *see* Menke, M. 36322
Scheffler, P. *see* Jansen, K. 52498
Schegelsky, V. *see* Adam, A. 37280
Scheibe, H.-J. Impact of magnetic fields on the motion behaviour of an arc in a high-temperature plasma furnace 51849
Scheibe, K. *see* Ackermann, G. 50480
Scheibel, K. Proximity switches suitable for communications 11815
Scheibenbogen, M. *see* Hellebrandt, M. 36004

Scheiber, C. New developments in clinical applications of CdTe and CdZnTe detectors 37664
Scheiber, R. *see* Mittermayer, J. 16959
Scheibler, H.E. *see* Alperovich, V.L. 2243
Scheibler, H.E. *see* Bolkhovityanov, Yu.B. 12277
Scheibler, H.E. *see* Drescher, P. 12069
Scheibner, G. *see* Berndt, D. 19136
Scheibner, K., Haynam, C., Worden, E., Esser, B. Laser isotope purification of lead for use in semiconductor chip interconnects 922
Scheibner, K. *see* Solarz, R. 55954
Scheich, H. *see* Hess, A. 59512
Scheid, D. *see* Gravrok, R.J. 303
Scheid, E. *see* Pedroviejo, J.J. 12623
Scheidecker, D., Tennakoon, S.B. Optimisation of the number of levels in a multi-level advanced static var compensator 50460
Scheideler, C. *see* Meyer Auf Der Heide, F. 5870
Scheidker, E.J., Pendley, R.D., Rashkin, R.M., Werking, R.D., Cruse, B.G., Bracken, M.A. IMACCS: a progress report on NASA/GSFC's COTS-based ground data systems, and their extension into new domains 28576
Scheidt, M., Beier, B., Boller, K.-J., Wallenstein, R. Frequency-stable operation of cw RTA optical parametric oscillators 24121
Scheidt, M. *see* Beier, B. 33661
Scheier, C., Lambrinos, D. Adaptive classification in autonomous agents 56667
Scheier, C. *see* Lambrinos, D. 36676
Scheifele, J.L. *see* Acuna, M.H. 38011
Scheil, U. *see* Evertsz, C.J.G. 49449
Scheiman, C.J. *see* Alexandrov, A.D. 47215
Scheiman, D. *see* Fatemi, N.S. 20093
Scheiman, D.A. *see* Hoffman, R.W., Jr. 37977
Scheiman, D.A. *see* Jenkins, P.P. 38009
Scheiman, D.A. *see* Yamaguchi, M. 37975
Schein, J., Schumann, F., Mentel, J. Analysis of arc spot ignition on cold lamp electrodes 39379
Scheinbeim, J.I. *see* Brown, L.F. 18367
Scheiner, J. *see* Iversen, K. 47445
Scheinfein, M.R. *see* Cowley, J.M. 33737
Scheinfein, M.R. *see* McCartney, M.R. 22188
Scheinfein, M.R. *see* Sugawara, A. 43615
Scheiter, T., Biebl, M., Hierold, C., Klose, H. Rapid thermal annealing of doped silicon films to relax intrinsic stress 12613
Scheiter, T. *see* Kozlowski, F. 13171
Scheithauer, G., Terno, J. Theoretical investigations on the modified integer round-up property for the one-dimensional cutting stock problem 40122
Scheitrum, G., Caryotakis, G., Phillips, R., Sprehn, D., Fowkes, R. High power microwave research at SLAC 7721
Schekulin, D. *see* Knaupp, W. 39163
Schelert, J., Olson, L.G., Muff, M., Throne, R.D. Accelerating eigenvector computations for inverse electrocardiography applications 49611
Schell, J.C. *see* Krisa, W.L. 2508
Schell, K. *see* Walters, R. 6100
Schell, M. *see* Yu, J. 23936
Schell, M.C. *see* Fang-Fang Yin 28159
Schell, S.V. Higher-order cyclostationarity properties of coded communication signals 4502
Schell, S.V. A separability theorem for 2M conjugate-symmetric signals impinging on an M-element sensor array 45756
Schell, S.V., Shrimpton, T.E. Super-exponentially convergent blind fractionally-spaced equalization 5701
Schell, S.V. *see* Ertel, R.B. 45353
Schelle, C. *see* Petrina, P. 50103
Schellenberg, F. *see* Reynolds, J.A. 22690
Schellenberg, F.M., Zhang, H., Morrow, J. Evaluation of OPC efficacy [photolithography] 2536
Scheller, G.J.E. *see* Gerstenmaier, Y.C. 43037
Schellevis, H. *see* Lokker, J.P. 42728
Schellhase, R. *see* Shaham, Y.J. 27673
Schelling, T. *see* Zvonar, G.A. 19933
Schellstede, G., Eichler, R. Power-supply-undertaking-wide exchange of data and services 19162
Schellstede, G. *see* Beissler, G. 19144
Schelovanov, L.N. *see* Antonova, G.S. 48018
Schelz, S. *see* Borges, C.F.M. 856
Schembra, G. *see* La Corte, A. 6328
Schembra, G. *see* Lombardo, A. 58020
Schemenau, W. *see* Almhem, P. 50772
Schemies, M. *see* Drescher, P. 12069
Schemmel, J. *see* Loose, M. 35140
Schempp, A. Design of compact RFQs 37101
Schempp, A., Madlung, J., Firjahn-Andersch, A., Deitinghoff, H., Parisi, G. RFQ-, chopping- and funneling-studies for the ESS-injector-linac 37099
Schempp, A. *see* Bessler, U. 37102
Schempp, A. *see* Engels, O. 37100
Schempp, A. *see* Firjahn-Andersch, A. 59133
Schempp, A. *see* Madert, M. 49186
Schempp, A. *see* Madlung, J. 37103
Schempp, A. *see* Madlung, J. 59134
Schempp, E., Jackson, W.D. Systems considerations in capacitive energy storage 20096
Schempp, E. *see* Gardiner, A.I. 19881
Schempp, E. *see* Jackson, W.D. 11188
Schempp, W. Wavelets in high-resolution radar imaging and clinical magnetic resonance tomography 46377
Schena, A. *see* Falciai, R. 58823
Schenck, D. *see* Edberg, D. 49861
Schenck, P.K., Hastie, J.W., Paul, A.J., Bonnell, D.W. Imaging and gasdynamic modeling of pulsed laser film deposition plumes 10819
Schenk, A. Modeling tunneling through ultra-thin gate oxides 12575
Schenk, A. *see* Lades, M. 12880
Schenk, H. *see* Gauthier, C. 59190
Schenk, M., Amrein, M., Reichelt, R. An electret microphone as a force sensor for combined scanning probe microscopy 18304
Schenk, R., Halle, O., Mullen, K., Ehrfeld, W., Schmidt, M. Highly sensitive resist material for deep X-ray lithography 42819
Schenkel, M. *see* Seiler, R. 15557
Schenkelberg, R.H. Low cost integrated modular avionics (IMA) 8242
Schenker, D. *see* Lou, K. 7818
Schenker, M.B. *see* Abdollahzadeh, S. 8181
Schenker, R., Oldham, W. Effects of compaction on 193 nm lithographic system performance 22665
Schenker, R., Piao, F., Oldham, W.G. Material limitations to 193-nm lithographic system lifetimes 2538
Schennach, S. *see* Spadtke, P. 37204
Schenner, R. Problems of analysing domestic load measurement results 19425
Schenone, A., Firenze, F., Acquarone, F., Gambaro, M., Masulli, F., Andreucci, L. Segmentation of multivariate medical images via unsupervised clustering with "adaptive resolution" 4918
Scheper, T. *see* Koneke, R. 36712
Schepis, D. *see* Assaderaghi, F. 2839
Schepis, D. *see* Thon, L.E. 11576
Schepper, H.De *see* De Schepper, H.
Schepper, L.De *see* De Schepper, L.
Schepper, P.de *see* de Schepper, P.
Scheps, R. Upconversion laser processes 3768
Scheraga, H.A. *see* Ashkenazi, G. 53823
Scherb, G. *see* Smilgies, D.-M. 32241
Scherbakov, A., Hanssen, R., Vosselman, G., Feron, R. Ship wake detection using radon transforms of filtered SAR imagery 48110
Scherbakov, A.G. *see* Bogachek, E.N. 12389
Scherbakov, I.B. *see* Evtikhiev, N.N. 5457
Scherbakova, L.A. *see* Yakimov, A.I. 54109
Scherbakova, N.G. *see* Belov, S.D. 16246
Scherbarth, D.W. *see* Christianson, O.R. 51623
Scherbatko, I.V. *see* Nerukh, A.G. 33783
Scherber, F. *see* Kattner, R. 43179
Scherber, W. *see* Perinic, G. 48535
Scherbinin, V.E. *see* Shakshin, N.I. 40724
Scherer, A. *see* Cheng, C.C. 41929
Scherer, A. *see* Cheng, C.G. 22729
Scherer, A. *see* O'Brien, J. 14105
Scherer, D. *see* Waller, H. 29104
Scherer, H. *see* Ahlers, F.-J. 22894
Scherer, J.B. *see* Perdue, R.J. 46960
Scherer, K. *see* Morken, K. 40178
Scherer, K.P., Buchberger, P., Eggert, H., Stiller, P., Stucky, U. Knowledge based support for manufacturing of microstructures 32585
Scherer, M., Ganser, T., Loffeld, O. Data fusing for optimization of spark ignition engine control 39337
Scherer, M. *see* Ganser, T. 39338
Scherer, V. *see* Waller, H. 29104
Scherf, U. *see* Leising, G. 23663
Scherf, U. *see* Leising, G. 23691
Scherf, U. *see* Tasch, S. 42043
Scheri, R. *see* Groshens, T.J. 30949
Schermann, G. *see* Kovacs, L. 6240
Schermer, J.J., van Enckevort, W.J.P., Giling, L.J. Surface stabilization phenomena on flame-deposited diamond single crystals 10769
Schermer, J.J. *see* Bastos, P.L. 52731
Schermer, J.J. *see* Hageman, P.R. 38978
Scherrer, H. *see* Lahalle-Gravier, C. 10616
Scherrer, K. The Ada language for security systems on electronic power distribution installations 28873
Scherrer, R. *see* Desor, H.-J. 17048
Scherrer, S. *see* Lahalle-Gravier, C. 10616
Schertz, I. *see* Richou, B. 55952
Schertzer, D. *see* Lovejoy, S. 38073
Schertzer, D. *see* Martinez, P. 16917
Schervish, M.J. *see* Rao, S. 2776
Scherzer, O. *see* Dobson, D. 4942
Scherzinger, B. *see* Woolven, S. 38045
Scherzinger, B.M., Woolven, S. POS/MV-handling GPS outages with tightly coupled inertial/GPS integration 36291
Schessel, L. What's next on the Internet!–Siemens' strategy for Internet evolution 16235
Schetkin, I.M. *see* Bobrov, P.P. 18774
Schetky, M. *see* Labrecque, C. 11838
Schett, G., Engler, F., Jaussi, A., Pettersson, K., Kaczkowski, A. Intelligent GIS–a fundamental change in the way primary and secondary equipment is combined 9447
Schetter, C. *see* Baldner, R. 39024
Schetter, C. *see* Faller, F. 39025
Schetter, C. *see* Hebling, C. 39026
Schettini, G. *see* Frezza, F. 33980
Schettini, R. *see* Campadelli, P. 46436
Schetz, J.A. *see* Jones, M.E. 49873
Schetzina, J.F. Growth and properties of III-V nitride films, quantum well structures and integrated heterostructure devices 21261
Schetzina, J.F. *see* Hughes, W.C. 12784
Schetzina, J.F. *see* Johnson, M.A.L. 30834
Schetzina, J.F. *see* Sun, C.J. 44277
Scheuch, V., Voigtlander, B., Bonzel, H.P. Nucleation and growth of $CoSi_2$ on Si(100) studied by scanning tunneling microscopy 42253
Scheuer, J.T. *see* Nastasi, M. 10885
Scheuer, S. Selecting emergency power systems 19842
Scheuer, S., Bednarz, R.J. Electrical considerations for on-site cogeneration 29078
Scheuer, V. *see* Tilsch, M. 889
Scheuermann, P. *(editor)* Proceedings. Seventh International Workshop on Research Issues in Data Engineering. High Performance Database Management for Large-Scale Applications (Cat. No.97TB100122) 39566
Scheunders, P., Van Hove, H., Livens, S. On the local optimality of image quantizers 15565
Scheunders, P. *see* Bettens, E. 59374
Scheunders, P. *see* Sijbers, J. 59411
Scheunemann, U. *see* Wang, L.C. 61001
Scheurer, J.N., Aiche, M., Aleonard, M.M., Barreau, G., Bourgine, F., Boivin, D., Cabaussel, D., Chemin, J.F., Doan, T.P., Goudour, J.P., Harston, M., Brondi, A., La Rana, G., Moro, R., Vardaci, E., Curien, D. Improvements in the in-beam γ-ray spectroscopy provided by an ancillary detector coupled to a Ge γ-spectrometer: the DIAMANT-EUROGAM II example 59353
Scheve, T.M., Swift, C.T. A K-band spectral radiometer for profiling atmospheric water vapor 38049
Schex, A., Zanner, S. Simulation and optimization of a coherent detection and tracking receiver for free-space laser communications 6796
Schex, A. *see* Giggenbach, D. 6792
Schey, P.W. *see* Booth, N.O. 18866
Schey, P.W. *see* Hodgkiss, W.S. 18865
Schiabel, H. *see* de Azevedo Marques, P.M. 37705
Schiabel, H. *see* Marques, M.A. 37707
Schiabel, H. *see* Oliveira, H.J.Q. 37708
Schiano, M. *see* Galtarossa, A. 33035
Schiavon, G. *see* Ferrazzoli, P. 28673
Schiavone, F. *see* Di Cocco, G. 59368
Schiavone, P., Lalanne, F. 0.2 μm lithography using i-line and alternating phase shift mask 2457
Schiavone, P., Lalanne, F. Phase shift masks: A solution to push back the limits of optical lithography 2545
Schiavulli, L. *see* Cicala, G. 861
Schichler, U., Borsi, H., Gockenbach, E. On-site cable testing with a resonant test set and an additional partial discharge measurement 19335
Schick, A. *see* Matsuyama, Y. 25469
Schick, S. *see* Costanzo, B. 28488
Schicke, M. *see* Karpov, A. 17010
Schicke, M. *see* Plathner, B. 21903
Schicker, R., Brenschede, A., Garrow, K., Schoen, H., Balanda, A., Bokemeyer, H., Friese, J., Karig, W., Kienle, P., Koenig, W., Kuehn, W., Lefevre, F., Metag, V., Roche, G., Salabura, P., Schroeter, A., Stroth, J., Tsertos, H. Acceptance and resolution simulation studies for the dielectron spectrometer HADES at GSI 18140
Schickfus, M.von *see* von Schickfus, M.
Schickhuber, G., McCarthy, O. Distributed fieldbus and control network systems 47028
Schiebel, G. BGA and flip chip placement: a challenge for automation 252
Schiebel, R. *see* Joyner, K. 22552
Schieber, B. *see* Aggarwal, A. 46568
Schieber, B. *see* Bar-Noy, A. 35522
Schieber, B. *see* Leizhen Cai 30501
Schieber, D. Charge relaxation across conducting films 45249
Schieber, M., James, R.B., Lund, J.C., McGregor, D.S., Gilbert, T.S., Van Scyoc, J.M., Olsen, R.W., Pontau, A.E., Schlesinger, T.S., Toney, J. State of the art of wide-bandgap semiconductor nuclear radiation detectors 7805
Schieber, M. *see* Bauer, C. 37378
Schieber, M. *see* Cross, E.S. 37304
Schieber, M. *see* Goorsky, M.S. 37301
Schieber, M. *see* Hermon, H. 37302
Schieber, M. *see* McGregor, D.S. 37313
Schieber, M. *see* Medlin, D.L. 37336
Schieber, M. *see* Schlesinger, T.E. 37554
Schieber, M. *see* Toney, J.E. 37317
Schieber, M. *see* Van Scyoc, J.M. 7837
Schieber, M. *see* Van Scyoc, J.M. 18123
Schieber, M. *see* van Scyoc, J.M. 37305
Schieche, H. *see* Piglmayer, K. 44838
Schieck, H.P., Sydow, L. *(editors)* International Workshop on Polarized Beams and Polarized Gas Targets 29988
Schieder, R. *see* Woike, T. 4099
Schieferdecker, I., Wolisz, A. Communication protocols 25919
Schieffer, J.D., Erickson, K.T. Vibration control in a cantilever beam using a neurocontroller 13243
Schiehlen, W. *see* Eiber, A. 37874
Schiek, B. *see* Henermann, H. 48854
Schiek, B. *see* Stolle, R. 27059
Schiek, R. Soliton-like pulse propagation and second harmonic generation in waveguides with second-order optical nonlinearities 55283
Schiek, R. *see* Baek, Y. 13705
Schiele, B., Crowley, J.L. Probabilistic object recognition using multidimensional receptive field histograms 5348

Schiele, B., Crowley, J.L. Where to look next and what to look for 35214
Schiele, J. *see* Cremer, R. 61364
Schielein, D. *see* Bevk, J. 22973
Schiemann, S., Ubachs, W., Hogervorst, W. Efficient temporal compression of coherent nanosecond pulses in a compact SBS generator-amplifier setup 33722
Schienle, F. *see* Steimetz, E. 12443
Schienle, F. *see* Steimetz, E. 40348
Schienle, M. *see* Heinbach, M. 55296
Schiepanski, J. *see* Gondermann, J. 43039
Schier, M. *see* Schimpe, R. 16765
Schierbaum, K.-D. *see* Doll, T. 27719
Schierbaum, K.D. Semiconducting gas sensors: basic science and empirical approaches 17582
Schierenbeck, A. *see* Aumayr, G. 19139
Schierwagen, A. *see* Ohme, M. 11631
Schierz, C., Krueger, H. The "electrosmog" phenomenon: effect of low-frequency EM fields on humans 37895
Schiess, M., Berglind, E., Karlsson, A., Thylen, L. Simulation of pulse shape evolution and noise estimates in concatenated fiber links using analogue optoelectronical repeaters 16759
Schietinger, C., Jensen, E. Wafer temperature measurement: Status utilizing optical fibers [RTP] 22496
Schiferl, R.F., Zhang, B.X., Driscoll, D.I., Shoykhet, B.A., Dykhuizen, R.C. Development status of a 125 horsepower superconducting motor 60722
Schiff, E.A. *see* Jiang, L. 9555
Schiff, E.A. *see* Qi Wang 39144
Schiff, P.B. *see* Amols, H.I. 59767
Schiffer, A. *see* Bokenbrink, D. 60548
Schiffer, J.P. *see* Harss, B. 49275
Schiffgens, J.O., Butcher, E.J., Holahan, G.M., Thadani, A.C. NRC PRA Implementation Plan [nuclear plants] 38567
Schiffler, A. *see* Kustov, A.V. 60037
Schifftner, K. *see* Mostafa Pournejat, P.E. 1796
Schifftner, K. *see* Pournejat, M. 22025
Schift, H. *see* Jaszewski, R.W. 40689
Schijndel, J.V. *see* Warzanskyj, W. 26388
Schijndel, N.H.van *see* van Schijndel, N.H.
Schikora, D., Hankeln, M., As, D.J., Lischka, K., Litz, T., Waag, A., Buhrow, T., Henneberger, F. Epitaxial growth and optical transitions of cubic GaN films 782
Schikora, D. *see* As, D.J. 12223
Schikora, D. *see* As, D.J. 41920
Schikora, D. *see* Buda, B. 12254
Schikora, D. *see* Teles, L.K. 2014
Schikuta, E. Grid-clustering: an efficient hierarchical clustering method for very large data sets 5352
Schild, T., Ciazynski, D. A model for calculating a.c. losses in multistage superconducting cables 13521
Schild, T. *see* Duchateau, J.L. 32948
Schildge, P., Klemimaier, M. Opportunities for an application of unconventional network components 38380
Schildknecht, Th. *see* Baeriswyl, P. 36936
Schildt, G.H. A fuzzy controller for NPPs 29003
Schill, A., Kuhn, S., Breiter, F. Internetworking over ATM: experiences with IP/IPng and RSVP 5876
Schill, A., Kuhn, S., Breiter, F. Internetworking over ATM: experiences with IP/IPng and RSVP 16244
Schill, A., Mittasch, C., Hutschenreuther, T., Wildenhain, F. A quality abstraction tool for advanced distributed applications 5944
Schill, R.A., Jr. *see* Gu, Z. 24380
Schillebeeckx, P. *see* Weyrauch, M. 7785
Schiller, A. *see* Engel, R. 7745
Schiller, A. *see* Engel, R. 59176
Schiller, E., Herreros, E., Lifante, G. Optical characterization of vapor Zn-diffused waveguides in lithium niobate 43987
Schiller, G. *see* Gockenbach, E. 19342
Schiller, G. *see* Schilz, J. 30909
Schiller, J. *see* Braun, T. 46752
Schiller, N., Reschke, J., Goedicke, K., Neumann, M. Application of the magnetron activated deposition process (MAD-process) to coat polymer films with alumina in web coaters 40533
Schiller, P. *see* Zum, S. 1917
Schiller, S., Luvall, J., Justus, J. Calibration of MODTRAN3 with PGAMS observational data for atmospheric correction applications 18841
Schiller, S. *see* Ruoso, G. 14058
Schiller, S. *see* Schneider, K. 33436
Schiller, S. *see* Schneider, K. 55881
Schiller, S. *see* Storz, R. 3806
Schiller, S. *see* Storz, R. 24048
Schiller, V. *see* Battistig, G. 12167
Schiller, V. *see* Peto, G. 30747
Schilling, A., Yavas, O., Bischof, J., Boneberg, J., Leiderer, P. Absolute pressure measurements on a nanosecond time scale using surface plasmons 17861
Schilling, C. PCMCIA-based measuring systems for HP VEE 7155
Schilling, H.-D. Safety partnership in nuclear power 50733
Schilling, K. The use of computer algebra systems to analyse properties of satellite orbits 49842
Schilling, M., Krey, S., Scharnweber, R. Biomagnetic measurements with an integrated $YBa_2Cu_3O_7$ magnetometer in a hand-held cryostat 7436
Schilling, M. *see* Berger, G. 60919
Schilling, M. *see* Idler, W. 24131
Schilling, M. *see* Lach, E. 16732
Schilling, M. *see* Mikkelsen, B. 26895
Schilling, M. *see* Scharnweber, R. 58709
Schilling, M. *see* Wunstel, K. 36083
Schilling, M. *see* Zielinski, E. 44584
Schilling, P. *see* Molders, N. 52737
Schilling, U., Drabarek, P., Kuhnle, H., Tiziani, H. High-resolution absolute position detection using a multiple grating 17331
Schilling, W. *see* Beckers, D. 42792
Schilling, W. *see* Eppler, I. 42791
Schilling, W. *see* Lorenz, H.P. 40602
Schillinger, N. *see* Faller, F. 39025
Schillinger, R. *see* Devereux, R.W. 49863
Schillings, A. *see* Gorges, E. 7610
Schilp, W.J., Maurer, P.M. Unit delay simulation with the inversion algorithm 11109
Schiltz, A., Terpan, J.-F., Amblard, G., Paniez, P.J. Bottom anti-reflective coatings for DUV lithography: determination of optimum thermal process conditions 42856
Schilz, J., Riffel, M., Mathesius, R., Schiller, G., Henne, R., Smith, R.W. Plasma spray forming as a novel production method for thermoelectric materials 30909
Schilz, J. *see* Riffel, M. 30956
Schimel, D.S. *see* Braswell, B.H. 18951
Schimizu, T. The effect of strain on the permittivity of $SrTiO_3$ from first-principles study 54950
Schiml, T., Bevk, J., Furtsch, M., Georgiou, G.E., Cirelli, R., Mansfield, W.M., Silverman, P.J., Luftman, H.S. Measurement of lateral dopant diffusion in rapid thermal annealed W-polycide gate structures 22974
Schiml, T. *see* Bevk, J. 22973
Schimmel, B. *see* Schlichting, J. 1854
Schimmel, D. *see* Kim, B. 31655
Schimmel, D.E. *see* Garg, V. 22107
Schimmler, M., Lang, H.-W. The instruction systolic array in image processing applications 34993
Schimp, K. *see* Horstmann, M. 47994
Schimpe, R., Cremer, C., Schier, M., Baumeister, G., Kristen, G., Ebbinghaus, G., Mikkelsen, B. Receiver frontend with semiconductor optical preamplifier 16765
Schimpe, R. *see* Diez, S. 33516
Schimpe, R. *see* Weich, K. 24132
Schimpf, H. *see* Essen, H. 16913
Schimpf, K., Hollfelder, M., Marso, M., Horstmann, M., Hardtdegen, H., Kordos, P. 0.2 μm T-gate InP/InGaAs/InP pHEMT with an InGaP diffusion barrier layer grown by LP-MOCVD using an N_2-carrier 1716
Schimpf, K., Horstmann, M., Hardtdegen, H., Marso, M., Kordos, P. Thermionic field emission in p-barrier enhanced InP/InGaAs/InP HEMTs 2711
Schimpf, K., Sommer, M., Horstmann, M., Hollfelder, M., van der Hart, A., Marso, M., Kordos, P., Luth, H. 0.1-μm T-gate Al-free InP/InGaAs/InP pHEMTs for W-band applications using a nitrogen carrier for LP-MOCVD growth 41444
Schimpf, K. *see* Hollfelder, M. 40331
Schimpf, K. *see* Horstmann, M. 58316
Schimpfle, C. *see* Simon, S. 1495
Schina, G. *see* Bollanti, S. 13937
Schinca, D. *see* Sobral, H. 13951
Schindel, D.W., Forsyth, D.S., Hutchins, D.A., Fahr, A. Air-coupled ultrasonic NDE of bonded aluminum lap joints 60122
Schindel, D.W. *see* Bashford, A.G. 38131
Schindelin, H. *see* Stowell, M.H.B. 18159
Schindewolf, T. *see* Evertsz, C.J.G. 49449
Schindhelm, E., Hammond, C. Adding reactor protection to Ignalina 19477
Schindler, J. *see* Osterholt, A. 9421
Schindler, J.G. *see* Guntermann, H. 36716
Schindler, M.M. *see* Guntermann, H. 36716
Schindler, P.M. *see* Greene, J.A. 17402
Schindler, R., Breymesser, A., Lautenschlager, H., Marckmann, C., Noel, S., Schubert, U. Single step rapid thermal diffusion for selective emitter formation and selective oxidation 39214
Schindler, R. *see* Baldner, R. 39024
Schindler, S.M., Cook, W.R., Hammond, J., Harrison, F.A., Prince, T.A., Wang, S., Corbel, S., Heindl, W.A. GRIP-2: a sensitive balloon-borne imaging gamma-ray telescope 37451
Schindler, V. Prototype testing of high-speed CMOS digital circuits 2831
Schinke, M. *see* Weber, M. 34174
Schinn, G.W. *see* Jianluo Zhang 14004
Schinstock, D.E., Haskew, T.A. Dynamic load testing of roller screw EMAs 19941
Schinstock, D.E. *see* Haskew, T.A. 19762
Schiopu, P. *see* Bodea, E. 48742
Schipanski, D. *see* Gergintschew, Z. 36754
Schipanski, D. *see* Schwierz, F. 31510
Schipper, E.F. *see* Lenferink, A.T.M. 48440
Schira, T. The remainder term for analytic functions of Gauss-Lobatto quadratures 10493
Schira, T. The remainder term for analytic functions of symmetric Gaussian quadratures 40179
Schiraldi, G. *see* Camarda, P. 58146
Schirato, R. *see* Polichar, R. 37558
Schirinzi, G. *see* Pascazio, V. 6892
Schirmann, E. *see* Huang, J.H. 42284
Schirmann, E. *see* Martinez, M.J. 43120
Schirmer, J. *see* Kohns, P. 13719
Schirone, L., Sotgiu, G., Rallo, F., Califano, F.P. Porous-silicon coatings for photovoltaic devices 44165
Schirone, L. *see* Sotgiu, G. 31795
Schirrmacher, A. *see* Glas, P. 23807
Schirrmacher, A. *see* Glas, P. 33426
Schistad Solberg, A.H., Jain, A.K. Texture fusion and feature selection applied to SAR imagery 50031
Schistad Solberg, A.H., Solberg, R. A large-scale evaluation of features for automatic detection of oil spills in ERS SAR images 8521
Schittenhelm, P. *see* Abstreiter, G. 809
Schittenhelm, P. *see* Jaumann, M. 2578
Schittenkopf, C., Deco, G. An information-theoretic measure for the classification of time series 10290
Schittko, C. *see* Wagner, T. 25668
Schiz, J.F.W. *see* Moiseiwitsch, N.E. 22769
Schjelderup, O. *see* Ferreira, J.N. 6253
Schlaak, W. *see* Umbach, A. 3650
Schlaak, W. *see* Umbach, A. 6867
Schlaak, W. *see* van Waasen, S. 47939
Schlachetzki, A. *see* Peiner, E. 2034
Schlachetzki, A. *see* Schneider, D. 2110
Schlaefer, D. *see* Gruenberger, W. 3112
Schlaffer, A., Nossek, J.A., Tanaka, M. Lossless cellular neural networks 31430
Schlag, M.D.F. *see* Zien, J.Y. 11095
Schlag, S., Eicke, H.-F., Stern, W.B. Size driven phase transition and thermodynamic properties of nanocrystalline $BaTiO_3$ 2903
Schlag, S. *see* McNeilly, K. 10159
Schlagenhaufer, F. *see* Bruns, H.-D. 45189
Schlager, H.G. *see* Madel, O. 54048
Schlager, W. *see* Chittka, U. 41732
Schlaich, P. *see* Schraft, R.D. 27585
Schlapbach, L. *see* Nutzenadel, C. 1906
Schlatmann, A.R. *see* Garten, F. 55448
Schlatmann, R., Shindler, J.D., Verhoeven, J. Evolution of surface morphology during growth and ion erosion of thin films 920
Schlatter, C., Comninellis, C., Muller, S., Haas, O. 3-D zinc/air bipolar rechargeable battery 9490
Schlaug, M. *see* Carlier, E. 49074
Schlaug, M. *see* Ducimetiere, L. 51409
Schlayer, G. *see* Hausler, M. 8917
Schlecht, M.F. *see* Thompson, M.T. 21485
Schlechtweg, M. *see* Hurm, V. 44318
Schlegel, D. *see* Busse, D. 29332
Schlegel, D. *see* Busse, D. 51681
Schlegel, D. *see* Busse, D. 61368
Schlegel, D.W. *see* Busse, D.F. 61117
Schlegel, K. *see* Jackel, B.J. 45145
Schlegel, W. *see* Gardey, K.-U. 59849
Schleicher, L. *see* Muller, J.-E. 41493
Schleinitz, H. *see* Reass, W. 51257
Schleipen, J.J.H.B. *see* Colak, S.B. 3513
Schleisman, A. *see* Sees, J. 42451
Schlemper, H.-D., Feser, K. Estimation of mass and length of moving particles in GIS by combined acoustical and electrical PD detection 38923
Schlemper, H.-D., Feser, K., Blaum, H., Kirchesch, P. Sensitivity of acoustic PD detection in GIS. Laboratory experiments and on-site experience 19919
Schlemper, H.-D. *see* Ziomek, W. 19917
Schlender, F., Steffens, S., Wirth, W. Maintenance in El S by teletransmitted detail views [rail traffic control] 39316
Schlenstedt, S. *see* Bamberger, A. 7787
Schlenstedt, S. *see* Bamberger, A. 37358
Schleppe, J.B. *see* Yang Gao 16653
Schlereth, J. *see* Allison, W.W.M. 37269
Schlesinger, M. *see* Matsello, V. 15891
Schlesinger, T.E., James, R.B., Schieber, M., Toney, J., Van Scyoc, J.M., Salary, L., Hermon, H., Lund, J., Burger, A., Chen, K.-T., Cross, E., Soria, E., Shah, K., Squillante, M., Yoon, H., Goorsky, M. Characterization of lead iodide for nuclear spectrometers 37554
Schlesinger, T.E. *see* Brunett, B.A. 37310
Schlesinger, T.E. *see* Chiu, Y. 3467
Schlesinger, T.E. *see* Gopalan, V. 14318
Schlesinger, T.E. *see* Li, J. 3456
Schlesinger, T.E. *see* McGregor, D.S. 37313
Schlesinger, T.E. *see* Medlin, D.L. 37336
Schlesinger, T.E. *see* Toney, J.E. 37317
Schlesinger, T.E. *see* Van Scyoc, J.M. 7837
Schlesinger, T.E. *see* Van Scyoc, J.M. 18123
Schlesinger, T.S. *see* Schieber, M. 7805
Schless, V. *see* Denzler, J. 56785
Schlesser, R., McClure, M.T., Choi, W.B., Hren, J.J., Sitar, Z. Energy distribution of field emitted electrons from diamond coated molybdenum tips 41744
Schlesser, R. *see* Choi, W.B. 53919
Schlesser, R. *see* Dietrich, T. 40416
Schlett, Z. *see* Vanca, V. 21217
Schlett, Z. *see* Vanca, V. 21218
Schlett, Z. *see* Vanca, V. 41896
Schlettwein, D. *see* Meyer, J.-P. 22294
Schley, P. *see* Herzel, F. 42940
Schley, P. *see* Knoll, D. 2600
Schlicht, M. Guidelines for VHDL design 21450
Schlichter, T. *see* Bushehri, E. 22930
Schlichtherle, B. *see* Orange, C. 31853

Schlichting, J., Balogh, I., Feige, H.J., Korner, L., Kruger, U., Schimmel, B., Schmidt, J.P., Stefan, P., Winkler, K. Production of high performance optics 1854
Schlichting, R.D. *see* Hiltunen, M.A. 5878
Schlichting, W., Faris, S., Bunsen Fan, Haag, J., Zhijian Lu, Kane, S., Le Li, Milster, T., Hui Luo Recording and readout of a cholesteric liquid crystal based multilayer disk 43918
Schlick, C., Neeb, M., Springer, J. Economic efficiency evaluation of desktop teleconferencing 35785
Schlick, C. *see* Springer, J. 16285
Schlick, T. *see* Skeel, R.D. 40211
Schlicker, D., Zahn, M. Anomalous oil electrification phenomena in Couette flow between bare stainless steel electrodes 19792
Schlicker, D., Zahn, M. Effects of transformer aged oil on electrification in a Couette flow 32715
Schlicker, D.E. *see* Du, Y. 9312
Schlicker, M. *see* Brandenburg, U.W. 58115
Schlicker, U. *see* Eifler, D. 28692
Schlienger, M.E. *see* Williamson, R.L. 29874
Schliep, F. *see* Garcus, D. 58775
Schliesser, R. *see* Kergel, H. 53837
Schliestedt, G. Micropotentiometers as ac-dc transfer standards for low-voltage measurements 27351
Schlig, E.S. Charge-metering sampling circuits and their applications 21769
Schlindwein, F.S. *see* Keeton, P.I.J. 59525
Schlipf, M., Lohr, G., Hintzer, K., Abate, J., Spell, R. Hostaflon TFM "second generation" fluoropolymer for improved contamination control 30987
Schlitt, B. *see* Steck, M. 37080
Schloert, H. *see* Rahner, D. 29586
Schloesser, T. *see* Ensslin, K. 32030
Schlog, M. *see* Buchner, S. 23012
Schlogl, R. *see* Francz, G. 1993
Schlogl, R. *see* Mack, S. 54836
Schlom, D.G. *see* Gundlach, D.J. 32422
Schlomovich, N. *see* Badihi, A. 308
Schloss, L. *see* Liliental-Weber, Z. 10804
Schlosser, C. Distance education: what the literature says works 20576
Schlosser, C. *see* Cribier, M. 59193
Schlosser, J. *see* Tappe, T. 2124
Schlosser, T., Ensslin, K., Kotthaus, J.P., Holland, M. Landau subbands generated by a lateral electrostatic superlattice–chasing the Hofstadter butterfly 2197
Schlothauer, M., Kasper, K., Reininger, H., Wolf, D. Influence of the Markov chain structure on the capability of speech recognition systems 34668
Schlott, M., Zahn, R., Braumann, H. Measurement results from the X-band antenna breadboard project 27020
Schlott, V. *see* Dobert, S. 37145
Schlueter, J. *see* Kim, I. 12790
Schlueter, R.A. *see* Liu, S. 8774
Schlump, D. *see* Wedding, B. 26830
Schluns, K. *see* Bellaire, G. 5125
Schluns, K. *see* Klette, R. 35158
Schluter, B. *see* Mrowka, R. 37782
Schmahl, G. International aspects of electrical trace heating in potentially explosive atmospheres 20231
Schmal, D., Kluiters, C.E., Barendregt, I.P. Testing of a De Nora polymer electrolyte fuel cell stack of 1 kW for naval applications 20180
Schmalhorst, J. *see* Tappe, T. 2124
Schmalstieg, D., Schaufler, G. Smooth levels of detail 45578
Schmalz, M.S. On the ranging and recognition of small targets in compressed stereoscopic imagery. 1. Background and theory 35266
Schmalz, M.S. On the ranging and recognition of small targets in compressed stereoscopic imagery: (2) stereo matching and ATR algorithms 35267
Schmalz, M.S., Hu, W.-C., Ritter, G. X. Small-target detection in multispectral imagery with cyclic overlay processing 15771
Schmalz, M.S., Ritter, G.X., Caimi, F.M. Data compression techniques for underwater imagery 49993
Schmand, M. *see* Watson, C.C. 37675
Schmandt, C., Roy, D. Using acoustic structure in a hand-held audio playback device 17123
Schmee, J. *see* Doganaksoy, N. 10050
Schmeer, H. *see* Ehrmaier, B. 20821
Schmeiser, B.W. *see* Chen, M.-H. 10241
Schmeiser, B.W., Uzsoy, R. *(editors)* 4th Industrial Engineering Research Conference. Proceedings 30018
Schmeiser, C. *see* Senkader, S. 12158
Schmeits, M. *see* Sakhaf, M. 2106
Schmele, D. *see* Krawczynski, H. 37287
Schmerek, D., Manus, S., Govorov, A.O., Hansen, T.W., Kotthaus, J.P., Holland, M. Compressible and incompressible stripes in a narrow electron channel 22389
Schmerling, M. *see* Keqin Huang 20015
Schmerr, L.W., Jr., Sedov, A., Lerch, T.P. A boundary diffraction wave model for a spherically focused ultrasonic transducer 38136
Schmid, A. *see* Heinbach, M. 55296
Schmid, B., Matzler, C., Heimo, A., Kampfer, N. Retrieval of optical depth and particle size distribution of tropospheric and stratospheric aerosols by means of Sun photometry 38117
Schmid, B. *see* DeWitt, J. 59243
Schmid, B. *see* Sadrozinski, H.F.W. 37399
Schmid, C., Mohr, R. Image retrieval using local characterization 57321
Schmid, D. *see* Kumar, R. 31039
Schmid, D.J. *see* Allison, W.W.M. 37269
Schmid, F. *see* Khattak, C.P. 39013
Schmid, F. *see* Smith, M. 33195
Schmid, H., Kegel, B., Petasch, W., Liebel, G. Low pressure plasma processing in microelectronics 42546
Schmid, H. *see* Contzen, J. 24303
Schmid, H. *see* Sorli, I. 32219
Schmid, J., Schwarzmann, P., Binder, B., Burkart, J. Image processing to overcome channel capacity limitations in telemicroscopy 7878
Schmid, J. *see* Barranco-Luque, M. 49012
Schmid, J. *see* Bauknecht, R. 6751
Schmid, J. *see* Hong Zhiliang 53471
Schmid, J. *see* Kovach, A. 29632
Schmid, J. *see* Manser, R. 51793
Schmid, K. *see* Smith, M. 33195
Schmid, M. *see* Dietrich, T. 38939
Schmid, N. *see* Plass, W. 55779
Schmid, P. *see* Fischer, S. 59436
Schmid, P.E. *see* Rosenfeld, D. 48712
Schmid, R., Viereck, H. Data reduction for a high resolution colour camera 56892
Schmid, R. *see* Brunner, M. 13712
Schmid, TH. *see* Rogalla, M. 32358
Schmid, U. *see* Lau, B. 48939
Schmid, U. *see* Schossmaier, K. 41281
Schmid, W., Schreiber, T. High luminous intensity, long service life: Design a thermal model for TOPLEDs 44288
Schmid, W., Wagner, F. Adaptive multilevel mixed finite element methods for the multigroup diffusion equations 60519
Schmid, W.C. *see* Larcher, G. 21165
Schmidbauer, A. *see* Hocher, P. 47841
Schmidberger, H. *see* Kortmann, R.D. 8090
Schmidhammer, E., Detlefsen, J., Ostner, H. Influence of a 45° corner-reflector on the radiation pattern of a planar leaky-wave antenna 34340
Schmidhauser, R. *see* Schonholzer, E.T. 60591
Schmidiger, R.P., Paulsen, T. Liberalisation of the electricity market: England and Norway as examples 19159
Schmidl, F. *see* Brabetz, S. 49415
Schmidl, M., Cox, D.C. Blind synchronisation for OFDM 26641
Schmidl, T.M., Cox, D.C. Low-overhead, low-complexity [burst] synchronization for OFDM 5768
Schmidlin, E.M. Fiber-optic components for single-mode fiber optic sensors 48618
Schmidlin, P., Bellemann, M.E., Brix, G. Iterative reconstruction of PET images using a high-overrelaxation single-projection algorithm 49524
Schmidt, A., Babin, S., Bohmer, K., Koops, H.W.P. Comparative study of the characteristics of octavinylsilsesquioxane dry resist in ultraviolet-, electron-beam and X-ray exposure 42825
Schmidt, A., Standfuss-Gabisch, C., Bilitewski, U. Microbial biosensor for free fatty acids using an oxygen electrode based on thick film technology 7445
Schmidt, A. *see* Feiertag, G. 42887
Schmidt, B. 100% inspection of package leads: why it pays to demand it 39912
Schmidt, B. *see* Eremin, V. 59260
Schmidt, B. *see* Il'yashenko, I.N. 37415
Schmidt, B. *see* Noe, S. 23188
Schmidt, B. *see* Posselt, M. 54342
Schmidt, B. *see* Rossberg, R. 54827
Schmidt, B. *see* Siu Lun Ma 40055
Schmidt, B. *see* Verbitskaya, E.M. 41844
Schmidt, B.L. *see* Hall, L.H. 2356
Schmidt, C., Itoh, K., Wada, H. Second VAMAS a.c. loss measurement intercomparison: a.c. magnetization measurement of hysteresis and coupling losses in NbTi multifilamentary strands 43752
Schmidt, C. *see* Braun, T. 46752
Schmidt, C. *see* Hofmann, M. 47385
Schmidt, C. *see* Obermann, K. 33544
Schmidt, C. *see* Schaefer, O. 33292
Schmidt, C.W. *see* Allen, L.J. 37031
Schmidt, C.W. *see* McCrory, E. 37153
Schmidt, C.W. *see* Young, P. 37201
Schmidt, D., Niimi, H., Hinds, B.J., Aspnes, D.E., Lucovsky, G. New approach to preparing smooth Si(100) surfaces: characterization by spectroellipsometry and validation of Si/SiO_2 interfaces properties in metal-oxide-semiconductor devices 54396
Schmidt, D. *see* Changzhong Zhu 535
Schmidt, D.C., Gokhale, A.S., Harrison, T.H., Parulkar, G. A high-performance end system architecture for real-time CORBA 35662
Schmidt, D.C. *see* Maffeis, S. 35564
Schmidt, D.C. *see* Pyarali, I. 49398
Schmidt, D.M., Wu, A., Schrimpf, R.D., Fleetwood, D.M., Pease, R.L. Modeling ionizing radiation induced gain degradation of the lateral PNP bipolar junction transistor 22789
Schmidt, D.M. *see* Witczak, S.C. 22792
Schmidt, E. Application of the space phasor theory to the experimental calculation of the leakage coefficient of delta- and star-connected three phase asynchronous machines 38743
Schmidt, E. Super memory chips have multi-gigabit capacity 53284
Schmidt, F., Kalbe, H.-J. Operator development and training in automated processing plants 52041
Schmidt, F., Sczesny, O., Ruppel, C., Magori, V. Wireless interrogator system for SAW-identification-marks and SAW-sensor components 13383
Schmidt, F. *see* Barber, D.P. 7728
Schmidt, F. *see* Fischer, W. 59149
Schmidt, F. *see* Noack, F. 19403
Schmidt, F. *see* Yevick, D. 24447
Schmidt, G., Fiegl, B., Kolbeck, S. HVDC transmission and the environment 8858
Schmidt, G. *see* Daxwanger, W.A. 7414
Schmidt, G. *see* Dean, J. 30134
Schmidt, G. *see* Hanebeck, U.D. 25197
Schmidt, G. *see* McMillian, G. 31309
Schmidt, G. *see* Pfeiffer, A. 36940
Schmidt, G.M. *see* Schmugge, T.J. 8377
Schmidt, G.T. *see* Phillips, R.E. 8285
Schmidt, G.T. *see* Phillips, R.E. 8579
Schmidt, H., Bellingham, J.G., Johnson, M., Herold, D., Farmer, D.M., Pawlowicz, R. Real-time frontal mapping with AUVs in a coastal environment 50156
Schmidt, H. *see* Deffenbaugh, M. 48159
Schmidt, H. *see* Deffenbaugh, M. 48160
Schmidt, H. *see* Eberle, G. 2955
Schmidt, H. *see* Schoen, T.J.N. 19614
Schmidt, H. *see* Zeininger, H. 39948
Schmidt, H.F., Teerlinck, I., Storm, W., Bender, H., Heyns, M.M. In situ and real time studies of wet chemical silicon surface cleaning reactions 42477
Schmidt, H.F. *see* Hurd, T.Q. 42560
Schmidt, H.F. *see* Teerlinck, I. 1987
Schmidt, H.F. *see* Teerlinck, I. 42561
Schmidt, H.R. *see* Badura, E. 37241
Schmidt, H.U. *see* Henschel, H. 43955
Schmidt, I. *see* Halasz, S. 51735
Schmidt, I.G. *see* Winterer, G. 59700
Schmidt, J., Lauinger, T., Aberle, A.G., Hezel, R. Record low surface recombination velocities on low-resistivity silicon solar cell substrates 39194
Schmidt, J., Parker, R. Development of a UAV mishap human factors database 59928
Schmidt, J. *see* Rogler, R.-D. 19428
Schmidt, J.A., Cutrera, A.M., Buitrago, R.H., Arce, R.D. Influence of the light-induced degradation on the extended state mobility in hydrogenated amorphous silicon 23651
Schmidt, J.A., Johnson, C.R. DefibSim: an interactive defibrillation device design tool 59761
Schmidt, J.C., Rutledge, J.C. Multichannel dynamic range compression for music signals 15256
Schmidt, J.P., Hagedorn, P., Bingqi, M. A note on the contact problem in an ultrasonic travelling wave motor 29349
Schmidt, J.P. *see* Schlichting, J. 1854
Schmidt, J.W. *see* Herrmann, M. 524
Schmidt, K. *see* Hoyer, D. 28077
Schmidt, K. *see* Hoyer, D. 49715
Schmidt, K. *see* Hoyer, D. 49736
Schmidt, K. *see* Wahrburg, J. 49758
Schmidt, K. *see* Wickenhauser, S. 22291
Schmidt, K.-U. *see* Wahrburg, J. 28400
Schmidt, K.H., Medeiros-Ribeiro, G., Garcia, J., Petroff, P.M. Size quantization effects in InAs self-assembled quantum dots 42196
Schmidt, K.H. *see* Fuhrer, A. 9864
Schmidt, M., Brauer, M., Hoffmann, V. Influence of scattering on internal photoemission in heterostructures 2237
Schmidt, M., Gish, H. Speaker identification via support vector classifiers 15134
Schmidt, M. *see* Feiertag, G. 42887
Schmidt, M. *see* Hahn, R. 52278
Schmidt, M. *see* Schenk, R. 42819
Schmidt, M. *see* Stobiecki, F. 55039
Schmidt, M. *see* Sydow, A. 50224
Schmidt, M.A. *see* Padmanabhan, A. 17345
Schmidt, M.J.J. *see* Dyer, P.E. 40625
Schmidt, O. *see* Brandt, S. 27229
Schmidt, O. *see* Ledentsov, N.N. 2177
Schmidt, O. *see* Wynands, R. 7147
Schmidt, P. *see* Biesenack, H. 61270
Schmidt, P. *see* Kontcha, A. 20153
Schmidt, P.B., Wijenayake, A.H. Sensorless control of a permanent magnet synchronous machine down to near zero speed applied to position motion control 29681
Schmidt, R. Beam-beam observations in the SPS proton antiproton collider 17949
Schmidt, R. *see* Cole, M. 49105
Schmidt, R. *see* Hoton How 43716
Schmidt, R.L. *see* Puri, A. 56875
Schmidt, S. *see* Berkov, D.V. 43664
Schmidt, S. *see* Campajola, L. 7751
Schmidt, T., Haug, R.J., von Klitzing, K., Forster, A., Luth, H. Single-electron transport in small resonant-tunneling diodes with various barrier-thickness asymmetries 43158
Schmidt, T. *see* Blick, R.H. 2195
Schmidt, T. *see* Carle, G. 46874
Schmidt, T. *see* Falta, J. 30795
Schmidt, T. *see* Haug, R.J. 13040
Schmidt, T.J. *see* Morkoc, H. 12362
Schmidt, V., Plewa, W. EMC legislation with regard to the European internal market 4286
Schmidt, V.H. *see* Zhongxing Bao 41964
Schmidt, V.M., Stimming, U. Fuel cell systems for vehicle applications 9682
Schmidt, V.M. *see* Oetjen, H.-F. 51494

Schmidt, W. The application of plasma for the production of low-cost, high-density PWBs and MCM substrates 11905
Schmidt, W. *see* Furstenau, N. 49952
Schmidt, W. *see* McCrory, E. 37154
Schmidt, W.F. *see* Chandran, B. 276
Schmidt, W.F. *see* Chandran, B. 1849
Schmidt, W.G. *see* Kackell, P. 2376
Schmidt-Evers, S. Heating problems held in check. Thermal management of electronic apparatus 30217
Schmidt-Evers, S. DC to DC converters using charge pumps instead of switching regulators 53021
Schmidt-Nielsen, A., Brock, D.P. Speaker recognizability testing for voice coders 16474
Schmidt-Parzefall, W. *see* Krizan, P. 59293
Schmidt-Szalowski, M., Wiatr, W. The multi-state radiometer: an uncertainty analysis 27304
Schmidt-Szalowski, M. *see* Wiatr, W. 27861
Schmied, L. *see* Es-Satte, M. 7253
Schmiedel, G. *see* Kiesel, P. 12514
Schmiedel, T. *see* Kim, Y.M. 697
Schmiedel, T. *see* Kioseoglou, G. 41959
Schmiedeskamp, B. *see* Stock, H.-J. 55377
Schmiedeskamp, B. *see* Tappe, T. 2124
Schmiedl, R. *see* Lahnor, P. 48508
Schmiegel, P. *see* Lemke, E. 8910
Schmiessek, C. A high-precision quartz oscillator as alternative to the rubidium standard 55005
Schmietainski, U., Peupelmann, J., Doring, H. All-fibre solutions of active mode-coupled fibre lasers 23819
Schmilgus, F. *see* As, D.J. 41920
Schmilgus, F. *see* Buda, B. 12254
Schmit, H., Thomas, D.E. Synthesis of application-specific memory designs 31271
Schmit, J. *see* Wyant, J.C. 7648
Schmitt, D.-R. *see* Kratz, F. 7574
Schmitt, D.-R. *see* Tobben, H. 7572
Schmitt, F., Bonnaud, L., Collet, C. Contrast control for sonar pictures 36272
Schmitt, F., Mignotte, M., Collet, C., Thourel, P. Estimation of noise parameters on sonar images 27090
Schmitt, F. *see* Helle, C. 38591
Schmitt, F. *see* Martinez, P. 16917
Schmitt, H. *see* Povh, D. 9457
Schmitt, H.J. *see* Mertens, K. 13678
Schmitt, H.J. *see* Rasmussen, J.C. 58816
Schmitt, J., Emeraud, T., Turlot, E., Szydlo, N., Lebrun, H., Teissier, J.F. New concept for PECVD a-Si TFT coating system and related TFT performances 13723
Schmitt, J. *see* Beiersdorfer, S. 10398
Schmitt, K., Benecke, C., Schadt, M. Efficient second-harmonic generation in novel Cerenkov type nonlinear-optical polymer waveguides 33641
Schmitt, K.J. *see* Becker, G. 49455
Schmitt, L. Visual inspection and process control for automating manufacturing 20974
Schmitt, L. Detecting and classifying defects on the surfaces of IC packages 39840
Schmitt, M., Rau, U., Parisi, J., Riedl, W., Rimmasch, J., Karg, F. Dielectric spectroscopy of relaxation processes in $Cu(In,Ga)Se_2$ solar cells 39100
Schmitt, M. *see* Bachofner, A. 12992
Schmitt, M. *see* Najman, L. 15952
Schmitt, M. *see* Rau, U. 39120
Schmitt, M. *see* Risacher, F. 59587
Schmitt, N.F., Deboux, B.J.-C., Lewis, E., Scully, P. Photo-induced gratings in large diameter multimode plastic optical fibres 55187
Schmitt, N.M. Meeting educational and outcome assessment requirements of Criteria 2000 20578
Schmitt, R. *see* Nurnberger, J. 44457
Schmitt, R.L. *see* Smith, R.P. 49321
Schmitt, S.E. *see* Fabricius, H. 30893
Schmitt, T., Gebauer, H.-D., Freyer, R., Oehme, L., Andreeff, M., Franke, W.-G. Quantitative evaluation of emission computed tomography images based on fuzzy segmentation 37704
Schmitt-Landsiedel, D. *see* Eisele, M. 11244
Schmitz, A.C., Ping, A.T., Khan, M.A., Adesida, I. Schottky barrier heights of Ni, Pt, Pd, and Au on n-type GaN 12537
Schmitz, A.C. *see* Ping, A.T. 12786
Schmitz, A.C. *see* Ping, A.T. 54458
Schmitz, B., Geerkens, J., Goch, G. Photothermal inspection of material changes in ceramic surfaces induced by mechanical load or laser treatment 350
Schmitz, B. *see* Seidel, U. 40744
Schmitz, D., Lengeling, G., Beccard, R., Jurgensen, H. MOVPE of InP and GaAs based optoelectronic materials in a multiwafer production reactor using TBA and TBP exclusively 21310
Schmitz, D. *see* Alexeev, G. 59200
Schmitz, D. *see* Auffray, E. 37281
Schmitz, D. *see* Beccard, R. 40330
Schmitz, D. *see* Bergunde, T. 40324
Schmitz, D. *see* Hollfelder, M. 40331
Schmitz, G.J., Nestler, B., Seesselberg, M. YBCO melt-processing development by numerical simulation 30692
Schmitz, H.-J. *see* Bueker, H. 58862
Schmitz, J. *see* Vogt, A. 22428
Schmitz, J. *see* Wagner, J. 22415
Schmitz, J. *see* Wagner, J. 42131
Schmitz, J. *see* Wagner, J. 48671
Schmitz, L. *see* Brummerhof, A. 49681
Schmitz, M. Performance of the first part of the injector for the S-Band Test Facility at DESY 49199
Schmitz, P. *see* Brock, I.C. 37039
Schmitz, R.W.A. *see* Scholtz, J.J. 41760
Schmitz, R.W.A. *see* Scholtz, J.J. 53950
Schmoldt, D.L., Li, P., Abbott, A.L. Machine vision using artificial neural networks with local 3D neighborhoods 46316
Schmolke, R. *see* Wagner, P. 39892
Schmolke, R. *see* Wagner, P. 39898
Schmolze, C., Schneller, G.R.T. An evaluation of 3M processing methods for Tessera micro BGA compliant mounting tape manufacturing 20926
Schmolzer, K. *see* Von Reinhard, M. 50409
Schmool, D.S. *see* Bolzoni, F. 7542
Schmor, P. *see* Sredniawski, J.J. 49353
Schmor, P.W. *see* Bricault, P.G. 49093
Schmoranzer, J. *see* Gurskii, A.L. 22364
Schmuck, F. *see* Buchner, H. 43566
Schmucking, D., Worner, A. Transmission capacity and design of a VHDSL-system 6364
Schmugge, T.J., Schmidt, G.M. TIR observations in FIFE from field, aircraft and satellite platforms 8377
Schmuki, P., Fraser, J., Vitus, C.M., Graham, M.J., Isaacs, H.S. Initiation and formation of porous GaAs 2401
Schmukler, B. Combination oscillator/buffer amplifier ICs simplify LO design 16537
Schmutterer, Ch. *see* Unger, E. 8175
Schmutz, C. *see* Tarascon, J.M. 29558
Schnabel, B. *see* Anke, I. 13543
Schnabel, B. *see* Waldausl, R. 44034
Schnabel, K. *see* Guckel, C. 37642
Schnabel, R.B. *see* Byrd, R.H. 10415
Schnack, E. *see* Andra, H. 52555
Schnakenberg, U., Lisec, T., Hintsche, R., Kuna, I., Uhlig, A., Wagner, B. Novel potentiometric silicon sensor for medical devices 27698
Schnakenberg, U. *see* Uhlig, A. 17562
Schnatz, H., Lipphardt, B., Helmcke, J., Riehle, F., Trebst, T., Zinner, G. Optical frequency standard based on cold Ca atoms: phase coherent frequency measurement 27227
Schnatz, H., Lipphardt, B., Helmcke, J., Riehle, F., Zinner, G. Phase coherent frequency measurement of visible radiation 27824
Schnatz, H. *see* Riehle, F. 7139
Schnecke, V., Vornberger, O. An adaptive parallel genetic algorithm for VLSI-layout optimization 11136
Schneebeli, H.A. *see* Oliveira Freire, E. 50246
Schneeberger, N. *see* Baltes, H. 43407
Schneeberger, T.J. *see* Dimmler, W.M. 38175
Schneegans, M. *see* Alexeev, G. 59200
Schneegans, M. *see* Auffray, E. 18084
Schneegans, M. *see* Auffray, E. 37281
Schneemeyer, L.F. *see* Hellman, E.S. 21251
Schneeweiss, O. *see* Zak, T. 3089
Schneeweiss, W.G. Limited usefulness of BDDs for mean failure frequency calculation 20990
Schneeweiss, W.G. Advanced hand calculations for fault tree analysis and synthesis 30377
Schneibel, H.P. *see* Bauknecht, R. 6751
Schneible, R.A., Sarkar, T.K. A least squares approach for radar array adaptive nulling 36218
Schneider, A., Drews, D., Soellner, J., Heuken, M., Zahn, D.R.T. Temperature induced resonant Raman scattering of MOVPE grown ZnS_xSe_{1-x}/GaAs(100) heterostructures 52667
Schneider, A. *see* Proesch, G. 40477
Schneider, A.F. The development of VOC-free no-clean fluxes 39775
Schneider, A.M. *see* Chunxi Wan 45736
Schneider, B. *see* Kurbel, K. 21457
Schneider, C. *see* Berger, R. 43189
Schneider, D., Tank, B., Beifuss, K., Schlachetzki, A., Hahn, D. Nonparabolicity of the conduction band in highly n-doped InGaAsP by Shubnikov-de Haas effect 2110
Schneider, D. *see* Semenov, V. 31341
Schneider, E. *see* Vetter, J. 51891
Schneider, E.G. Radar 16896
Schneider, F. *see* Westendorp, R. 41215
Schneider, F.W. *see* Forster, A. 15223
Schneider, G. SNR slim power relay: splendid isolation 11818
Schneider, G. Testing and tuning engine controllers 39339
Schneider, G.A., Weitzing, H., Zickgraf, B. Crack growth in ferroelectric ceramics and actuators under mechanical and electrical loading 21374
Schneider, H., Schonbein, C., Bihlmann, G., van Son, P., Sigg, H. High-speed infrared detection by uncooled photovoltaic quantum well infrared photodetectors 48526
Schneider, H. *see* Dudek, V. 2668
Schneider, H. *see* Jenderka, K.-V. 18355
Schneider, H. *see* Saoud, S.B. 9185
Schneider, H.-J., Tiwald, W. TETRA Test Systems TS8940: type-approval tests of TETRA base and mobile stations to TBR35 47701
Schneider, J. Supraleitende Flux-Flow Bauelemente auf der Basis von $YBa_2Cu_3O_7$-Nanobrucken (Superconducting flux-flow devices on the basis of $YBa_2Cu_3O_7$ nanobridges) 3279
Schneider, J. Properties of a fluoride fiber laser operating at 3.9 μm 23784
Schneider, J., Knehans-Schmidt, R. Bonded hybrid magnets 3105
Schneider, J. *see* Berroth, M. 36182
Schneider, J. *see* Kunzer, M. 31854
Schneider, J. *see* Lao, Z. 31202
Schneider, J. *see* Thiede, A. 41131
Schneider, J. *see* von Staa, F. 3103
Schneider, J. *see* Wang, Z.-G. 1545
Schneider, J.B., Flynn, P.J., Shlager, K.L. Animating the evolution of a field 24469
Schneider, J.D. APT accelerator technology 37010
Schneider, J.D., Meyer, E., Stevens, R.R., Jr., Hansborough, L., Sherman, J. Design and testing of a DC ion injector suitable for accelerator-driven transmutation 7708
Schneider, J.D. *see* Lawrence, G. 49177
Schneider, J.D. *see* Sherman, J. 7707
Schneider, J.D. *see* Sherman, J.D. 49174
Schneider, J.D. *see* Smith, H.V., Jr. 37060
Schneider, J.E., Baum, A.W., Winograd, G.I., Pease, R.F.W., McCord, M., Spicer, V.E., Costello, K.A., Aebi, V.W. Semiconductor on glass photocathodes as high-performance sources for parallel electron beam lithography 22674
Schneider, J.M. *see* Gerster, J. 22220
Schneider, K., Kropf, T. A unified approach for combining different formalisms for hardware verification 31064
Schneider, K., Schiller, S. Multiple conversion and optical limiting in a subharmonic-pumped parametric oscillator 55881
Schneider, K., Schiller, S., Mlynek, T., Bode, M., Freitag, I. 1.1-W single-frequency 532-nm radiation by second-harmonic generation of a miniature Nd:YAG ring laser 33436
Schneider, M. CH/LI DOM-REG package 6060
Schneider, M., Haberli, A., Metz, M., Malcovati, P., Baltes, H. Temperature calibration of CMOS magnetic vector probe for contactless angle measurement system 48484
Schneider, M., Marquardt, J. Mode-matching method for the calculation of steps between rectangular and elliptical waveguides 21861
Schneider, M. *see* Baltes, H. 43407
Schneider, M. *see* Haberli, A. 17337
Schneider, M. *see* Metz, M. 48485
Schneider, M. *see* Pepin, A. 10845
Schneider, M. *see* Pepin, A. 42197
Schneider, M.-T., Schule, T. Simulation of input/output stages of programmable logic devices, using lattice designs: the PROsim simulator and a software interface 53198
Schneider, M.A. *see* Heinrich, A.J. 41933
Schneider, M.K., Fieguth, P.W., Karl, W.C., Wilsky, A.S. Multiscale methods for the segmentation of images 25416
Schneider, M.N. *see* Raizer, Yu.P. 41728
Schneider, P., Eipper, H.H., Gfirtner, H., Hering, B., Leetz, H.-K., Welker, K. How to assess medical physics staffing levels for QA in radiotherapy 59775
Schneider, P. *see* Behet, M. 10690
Schneider, P. *see* Geiger, B. 27117
Schneider, P. *see* Tuemmler, J. 52668
Schneider, P.H., Krishnamoorthy, S. Effects of correlations on accuracy of power analysis–an experimental study 13126
Schneider, R., Wanielik, G., Wenger, J. Millimeter-wave imaging of traffic scenarios 29827
Schneider, R. *see* Auer, R. 43746
Schneider, R. *see* Dahlke, S. 40130
Schneider, R. *see* Heisele, B. 25779
Schneider, R. *see* Knierim, A. 32900
Schneider, R. *see* MacGregor, I.J.D. 37365
Schneider, R. *see* Matsuyama, Y. 25469
Schneider, R.K. A re-look at antenna in-band RCSR via load mismatching 34304
Schneider, R.P., Jr. *see* Choquette, K.D. 3896
Schneider, R.P., Jr. *see* Patrizi, G.A. 43249
Schneider, R.W. *see* Pasek, J.E. 29760
Schneider, S., Sidiropoulos, A. CSP and anonymity 16107
Schneider, S. *see* Burke, T. 32386
Schneider, S. *see* Josse, F. 36764
Schneider, S. *see* Podlesak, T.F. 33887
Schneider, S. *see* Podlesak, T.F. 45000
Schneider, T. *see* Piguet, C. 21443
Schneider, T. *see* Polzius, R. 7451
Schneider, W. VHF, UHF and SHF measuring methods using a PC. 2. Milliwatt meter from short wave to SHF 26476
Schneider, W. VHF, UHF and SHF measuring methods using a PC. Part-3: 0.9-1.5 GHz synthesizer 53060
Schneider, W. *see* Vincent, D.J. 8070
Schneider, W.-D. *see* Bohringer, M. 30769
Schneider, W.J., Folts, E., Miller, J., Langhorn, A., Morgan, M., Stoy, S. Thermal performance of the CEBAF Hall A cryogenic system 37005
Schneider-Muntau, H.-J. *see* Sakai, Y. 41560
Schneider-Muntau, H.J. *see* Robinson, R.A. 4207
Schneidewind, N.F. Reliability modeling for safety-critical software 59875
Schneidmiller, E.A. *see* Saldin, E.L. 37040
Schneier, B., Kelsey, J. Automatic event-stream notarization using digital signatures 56284
Schneier, B. *see* Kelsey, J. 25510
Schneier, B. *see* Wagner, D. 46716
Schnell, B. *see* Mueller, M. 23310

Schnell, E.H. The World Wide Web: a new medium for professional communications 47007
Schnell, G. Medical flow measurement with drop counters. Methods for improving accuracy 28078
Schnell, M., Han Vinck, A.J. A low complexity equalization concept for frequency-selective mobile radio channels 26561
Schnelle, T. *see* Fiedler, S. 52184
Schneller, G.R.T. *see* Schmolze, C. 20926
Schnelting, O. *see* Michaelis, B. 15540
Schnelting, O. *see* Michaelis, B. 57545
Schneps, J. *see* Allison, W.W.M. 37269
Schnettler, A. *see* Mathis, M. 9422
Schnetz, G. *see* Mayr, W. 8152
Schnetz, G. *see* Stein, H. 7870
Schnetz, G. *see* Unger, E. 8175
Schnetzer, S. *see* Bauer, C. 37326
Schnetzer, S. *see* Bauer, C. 37378
Schnieder, F. *see* Heiliger, H.-M. 53525
Schnieders, A., Mollers, R., Terhorst, M., Cramer, H.-G., Niehuis, E., Benninghoven, A. Quantification of metal trace contaminants on Si wafer surfaces by Laser-SNMS and TOF-SIMS using sputter deposited submonolayer standards 54440
Schniffner, L. *see* Desmond, D. 27460
Schnitaler, J. *see* Paulus, J. 34682
Schnitter, H. *see* Muenzer, H. 49137
Schnitzer, I., Rosenberg, A., Leibovitz, C., Cohen, I., Botton, M., Leopold, J. Evolution of spectral power density in grounded cathode relativistic magnetron 53976
Schnitzer, I. *see* Botton, M. 53974
Schnitzer, I. *see* Cohen, I. 45996
Schnitzer, P., Fiedler, U., Grabherr, M., Jung, C., Reiner, G., Zick, W., Ebeling, K.J. Bias-free 1 Gbit/s data transmission using singlemode GaAs VCSELs at λ=835 nm 3851
Schnitzer, P., Fiedler, U., Reiner, G., Weigl, B., Zick, W., Ebeling, K.J. Bias-free 1-Gb/s data transmission using top vertical-cavity surface-emitting laser diodes 58385
Schnitzer, P., Grabherr, M., Reiner, G., Weigl, B., Zick, W., Ebeling, K.J. High temperature 1 Gbit/s data transmission using λ=835 nm GaAs VCSELs 48002
Schnitzke, K. *see* Handstein, A. 3100
Schnitzler, J. Lattice quantisation of LP filter coefficients on the basis of the line spectral frequencies (LSF) 34662
Schnitzler, J. *see* Paulus, J.W. 14910
Schnoes, M.L. *see* Hong, M. 54417
Schnorr, C., Stiehl, H.S., Grigat, R.-R. On globally asymptotically stable continuous-time CNNs for adaptive smoothing of multidimensional signals 34756
Schnorr, C. *see* Baranov, P.G. 42116
Schnorr, C.P. *see* Kaib, M. 10424
Schnuerer, M. *see* Kalashnikov, M.P. 14055
Schnuerer, M. *see* Will, I. 7642
Schnurer, M. *see* Nickles, P.V. 44369
Schnurr, R. *see* Zimbelman, D. 49866
Schnyders, H.S., Van Zytveld, J.B. Electrical resistivity and thermopower of liquid Ge and Si 31777
Schobel, J. *see* Schwander, T. 33128
Schober, V., Kiel, T. An asynchronous scan path concept for micropipelines using the bundled data convention 41040
Schobert, S. Protocol analysers: LAN-bits under the magnifying glass 17208
Schobinger, M., Thiele, L. Synthesis of domain-specific heterogeneous multiprocessor systems: hybrid video coding schemes 1457
Schoch, K.F., Jr., Smith, J.D.B., Emery, F.T. Coil tests of partially conducting filler materials for generator stator coils 9173
Schock, A., Or, C.T. Effect of updated data base and improved analysis on performance of radioisotope thermophotovoltaic converter 20080
Schock, A., Or, C.T., Kumar, V. Modified design of radioisotope thermophotovoltaic generator to mitigate adverse effect of measured cell voltage 20079
Schock, H.-W. *see* Puech, K. 12308
Schock, H.-W. *see* Puech, K. 39079
Schock, H.-W. *see* Zott, S. 39069
Schock, H.W. *see* Alberts, V. 40440
Schock, H.W. *see* Braunger, D. 10881
Schock, H.W. *see* Braunger, D. 39119
Schock, H.W. *see* Dimmler, B. 39056
Schock, H.W. *see* Dimmler, B. 51561
Schock, H.W. *see* Friedlmeier, T.M. 39076
Schock, H.W. *see* Herbernholz, R. 12323
Schock, H.W. *see* Igalson, M. 9539
Schock, H.W. *see* Niemi, E. 39066
Schock, H.W. *see* Ruckh, M. 39071
Schock, H.W. *see* Walter, T. 22278
Schock, K.-D. *see* Strahle, S. 42872
Schock, S.G., Herrmann, H. Seabed acoustic imaging in the surf zone 50017
Schodorf, J.B., Williams, D.B. A blind adaptive interference cancellation scheme for CDMA systems 5816
Schodorf, J.B., Williams, D.B. A constrained optimization approach to multiuser detection 25002
Schodorf, J.B., Williams, D.B. A constrained adaptive diversity combiner for interference suppression in CDMA systems 25888
Schodorf, J.B. *see* McClellan, J.H. 9918
Schoelkopf, R.J. *see* Grober, R.D. 45391
Schoeller, H. *see* Blanter, Ya.M. 42191
Schoellmann, V. *see* Whiteman, R. 32932
Schoen, H. *see* Schicker, R. 18140
Schoen, K.J., Woodall, J.M., Goel, A., Venkatraman, C. Electrical properties of metal-diamond-like-nanocomposite (Me-DLN) contacts to 6H SiC 54263
Schoen, P.E. *see* Chow, G.M. 54519
Schoen, R.R., Habetler, T.G. Evaluation and implementation of a system to eliminate arbitrary load effects in current-based monitoring of induction machines 29337
Schoen, R.R., Habetler, T.G. A new method of current-based condition monitoring in induction machines operating under arbitrary load conditions 51026
Schoen, T.J.N., Schmidt, H. Building-integrated PV activities within the IEA framework: going from Task 16 to Task VII 19614
Schoenauer, M. *see* Sebag, M. 10382
Schoenbach, K.H., Alden, R.W., III, Fox, T.J. Biofouling prevention with pulsed electric fields 50227
Schoenbach, K.H., Tessnow, T., Verhappen, R. High pressure hollow cathode discharges 1898
Schoenbach, K.H. *see* Allen, R.J. 41723
Schoenborn, Z. *see* Vichot, P. 41223
Schoendorf, W.H. *see* Perlovsky, L.I. 27069
Schoenefeld, D. *see* Haynes, T. 52495
Schoenemann, T. Comparing investigations of the erosion phenomena on selected electrode materials in air and sulfurhexafluoride 11824
Schoenen, R. *see* Zivojnovic, V. 25214
Schoenfelder, A. *see* O'Brien, S. 44566
Schoenfisch, M. *see* Billingsley, J. 35284
Schoenherr, J.R. *see* Parker, J.H. 50158
Schoenmaker, W. *see* Rudan, M. 12852
Schoenung, S. *see* Papadales, B. 59965
Schoenwald, A.T., Sahakian, A.V., Swiryn, S. Discrimination of atrial fibrillation from regular rhythms by spatial precision of activation direction 59734
Schoenwald, D.A. Modeling and real-time control of plasma-based wafer etching 42528
Schoenwald, D.A. *see* Mudunuri, M.K. 9262
Schoess, J.N. Rotor acoustic monitoring system (RAMS)–a fatigue crack detection system 8235
Schoess, J.N., Seifert, G., Paul, C. Smart Aircraft Fastener Evaluation (SAFE) system–a condition-based corrosion detection system for aging aircraft 18597
Schoessow, P. *see* Gai, W. 37013
Schoeters, E. *see* Fivez, C. 59439
Schoett, H.J. *see* Saro, S. 37275
Schofield, G.L., Jaitly, N.C., Chu, E.Y., Elwell, R. Six pulse bridge converter for rapid constant current charging of megajoule PFNs 51273
Schofield, H.D., Cowburn, A.R., Warren, M.D. Technology developments for flexible circuit multi-chip modules 12048
Schofield, N. *see* Lonsdale, A. 29820
Schohl, W. A comprehensive database system for print, radio, TV and the Internet: online connection, address management, office communication and media analysis 35738
Scholes, R.J., Kendall, J., Justice, C.O. The quantity of biomass burned in southern Africa 28670
Scholfield, D.W. *see* Agee, F.J. 54888
Scholkopf, B. *see* Blanz, V. 15871
Scholkopf, B. *see* Mallot, H.A. 4973
Scholl, B. *see* Rasmussen, J.C. 58816
Scholl, E. *see* Gaa, M. 12272
Scholl, E. *see* Gaa, M. 22265
Scholl, E. *see* Kunihiro, K. 41930
Scholl, H. *see* Burkhard, H. 23955
Scholl, M., Martinez, C. Beam shaping and power transmission through fibers 55791
Scholl, M. *see* Bartels, H. 55780
Scholl, M.S., Paez-Padilla, G. Using the y,y-bar diagram to control stray light noise in IR systems 48514
Scholl, M.S., Paez-Padilla, G. Push-broom reconnaissance camera with time expansion for a (Martian) landing-site certification 48690
Scholl, M.S. *see* Calixto, S. 55944
Scholl, S. *see* Shao, H. 2219
Schollkopf, V. *see* Silier, I. 30759
Schols, G. *see* Lernout, J. 1888
Scholte, P.M.L.O. *see* Van Wingerden, J. 41863
Scholten, L. Dealing with the data explosion in PWB fabrication 53758
Scholten, M. *see* Balkenende, A.R. 58940
Scholten, R. "High-tech" for mounting modules in ZWUT SA 41581
Scholtes, S. Homeomorphism conditions for coherently oriented piecewise affine mappings 10239
Scholtes, T.L.M. *see* Steenbergen, C.A.M. 16742
Scholtes, T.L.M. *see* Vreeburg, C.G.M. 44024
Scholtyssek, V. Solving inverse eigenvalue problems by a projected Newton method 30587
Scholtz, A.L. *see* Trost, H.P. 53648
Scholtz, J.J., Dijkkamp, D., Schmitz, R.W.A. Secondary electron emission properties 53950
Scholtz, J.J., Schmitz, R.W.A., Hendriks, B.H.W., de Zwart, S.T. Description of the influence of charging on the measurement of the secondary electron yield of MgO 41760
Scholtz, J.J. *see* Balkenende, A.R. 58938
Scholtz, J.J. *see* Hopman, H.J. 41762
Scholtz, R.A. *see* Esteves, E.S. 46673
Scholtz, R.A. *see* Qingchong Liu 46671
Scholz, C. *see* Blumenthal, D.J. 26725
Scholz, F., Haerle, V., Steuber, F., Bolay, H., Doernen, A., Kaufmann, B., Syganow, V., Hangleiter, A. Low pressure MOVPE of GaN and GaInN/GaN heterostructures 40365
Scholz, F., Harle, V., Bolay, H., Steuber, F., Kaufmann, B., Reyher, G., Dornen, A., Gfrorer, O., Im, S.-J., Hangleiter, A. Low pressure metalorganic vapor phase epitaxial growth of GaN/GaInN heterostructures 30829
Scholz, F. *see* Alsina, F. 41915
Scholz, F. *see* Burkard, M. 42062
Scholz, F. *see* Gauggel, H.-P. 23903
Scholz, F. *see* Geiger, M. 30784
Scholz, F. *see* Geiger, M. 42239
Scholz, F. *see* Geng, C. 40459
Scholz, F. *see* Griesinger, U.A. 23962
Scholz, F. *see* Hangleiter, A. 55639
Scholz, F. *see* Im, J.S. 31847
Scholz, F. *see* Jian Wang 14143
Scholz, F. *see* Jimoh, M.A. 48990
Scholz, F. *see* Knorr, C. 22332
Scholz, F. *see* Konig, P. 3459
Scholz, F. *see* Kuhn, J. 55661
Scholz, F. *see* Meyer, B. 48994
Scholz, F. *see* Meyer, S. 48993
Scholz, F. *see* Moeller, A. 48988
Scholz, F. *see* Moritz, A. 55633
Scholz, F. *see* Ottenwaelder, D. 52654
Scholz, M. *see* Gand, M. 47357
Scholz, N. *see* Adam, A. 37280
Scholz, R. *see* Weissmantel, S. 43879
Scholz, T. *see* Beyer, R. 43228
Scholz, T. *see* Caspers, F. 17953
Scholz, T.J., Barber, J.P. High temperature superconductor resistive switch characteristics 32955
Scholz, T.J., Juston, J.M., Bauer, D.P. Design and testing of an ultra distributed energy store system (UDESS) 38811
Scholze, F., Rabus, H., Ulm, G. Measurement of the mean electron-hole pair creation energy in crystalline silicon for photons in the 50-1500 eV spectral range 3603
Schombacher, E.H. *see* Lehmann, P. 56437
Schomberg, H. *see* Colak, S.B. 37659
Schomburg, C., Hofflinger, B., Springer, R., Wijnaendts-van-Resandt, R. Economic production of submicron ASICs with laser beam direct write lithography 43281
Schomburg, E., Grenzer, J., Hofbeck, K., Dummer, C., Winnerl, S.F., Ignatov, A.A., Renk, K.F., Pavel'ev, D.G., Koschurinov, J.I., Melzer, B., Ivanov, S., Ustinov, V., Kop'ev, P.S. Superlattice frequency multiplier for generation of submillimeter waves 53616
Schomburg, E. *see* Grenzer, J. 53606
Schomburg, E. *see* Winnerl, S. 42106
Schomburg, W.K. *see* Borner, M.W. 54835
Schomburg, W.K. *see* Fahrenberg, J. 32586
Schomer, D.L. *see* Ives, J.R. 49590
Schon, G. *see* Blanter, Ya.M. 23405
Schon, G. *see* Hermon, Z. 23406
Schon, J.H. *see* Nateprov, A. 61082
Schon, K. *see* Garnacho, F. 50672
Schon, S. *see* Tong, W. 55414
Schonbacher, H. *see* Coninckx, F. 28477
Schonbacher, H. *see* Hagedorn, D. 49219
Schonbacher, H. *see* Humer, K. 59113
Schonbein, C. *see* Schneider, H. 48526
Schonberg, R. *see* Mishin, A.V. 49062
Schone, A. *see* Lehmann, P. 59012
Schone, A. *see* Peters, J. 7651
Schone, S., Muck, M., Thummes, G., Heiden, C. Investigation of the response of superconducting quantum interference devices to temperature variation 32917
Schone, W. *see* Golla, D. 14074
Schonecker, A. *see* Burgers, A.R. 39006
Schonecker, A. *see* Schuurmans, F.M. 32094
Schonenberg, K., Harame, D.L., Gilbert, M., Stanis, C., Gignac, L., Chan, S.-W. The stability of SiGe strained layers on small area trench isolated silicon islands 42050
Schonenberg, K., Siu-Wai Chan, Harame, D., Gilbert, M., Stanis, C., Gignac, L. The stability of $Si_{1-x}Ge_x$ strained layers on small-area trench-isolated silicon [HBT technology] 43251
Schonenberg, K. *see* Ahlgren, D.C. 43253
Schonenberg, K.T. *see* Sunderland, D.A. 22777
Schoner, A. *see* Nordell, N. 54367
Schoner, A. *see* Peppermuller, C. 44207
Schoner, B. *see* Chien, C. 26232
Schoner, B. *see* Villasenor, J. 25485
Schoner, H.P. *see* Kokes, M. 39358
Schonfeld, D. *see* Mungi Choi 25391
Schonfeld, K. *see* Hopfe, V. 942
Schonfeld, R., Geitner, G.-H. An universal laboratory for electrical drives as part of an integrated automation system 52039
Schonfelder, A. *see* Czotscher, K. 3882
Schonfelder, A. *see* Weisser, S. 23957
Schonherr, H.-P. *see* Notzel, R. 44662
Schonholzer, E.T., Schmidhauser, R. A modular utility interface for photovoltaic power plants 60591
Schoni, F., Hani, S. Work on high-voltage overhead lines 8918
Schoning, M.J., Crott, M., Ronkel, F., Thust, M., Schultze, J.W., Kordos, P., Luth, H. Investigations

on porous silicon layers with regard to chemical microsensor applications 13180
Schoning, M.J., Tsarouchas, D., Beckers, L., Schubert, J., Zander, W., Kordos, P., Luth, H. A highly long-term stable silicon-based pH sensor fabricated by pulsed laser deposition technique 27486
Schonnagel, H. *see* Griebner, U. 23844
Schonnagel, H. *see* Koch, R. 23836
Schonwandt, U. *see* Kempe, A. 38657
Schoo, P. *see* Durmosch, M.K. 26357
Schoo, P. *see* Eckert, K.-P. 57995
Schoo, P. *see* Egelhaaf, C. 16407
Schooler, E.M. Conferencing and collaborative computing 6305
Schooley, L.C. *see* Doser, A.B. 25204
Schoonewelle, H., Van der Hagen, T.H.J.J., Hoogenboom, J.E. Process monitoring by combining several signal-analysis results using fuzzy logic 24925
Schoonman, J. *see* Chen, C.H. 21326
Schoonman, J. *see* Jak, M.J.G. 21377
Schoonwinkel, A., Milne, G.W. University research and development of a microsatellite 52080
Schoop, U. *see* Alff, L. 23416
Schoor, R.van der *see* van der Schoor, R.
Schoorens, H. *see* Beguenane, R. 60737
Schoot, H.Van Der *see* Van Der Schoot, H.
Schope, F. *see* Karvelis, G.A. 29823
Schopf, K.J. *see* Lohninger, G. 31560
Schopke, A. *see* Fenske, F. 777
Schopp, M. *see* Bafutto, M. 26654
Schopp, M. *see* Kuhn, P.J. 35524
Schopper, F. *see* Weilhammer, P. 37381
Schorcht, G. *see* Zerbe, V. 37742
Schormans, J.A. *see* Yousef, S.Y. 16039
Schormans, J.A. *see* Yousef, S.Y. 25906
Schormans, J.A. *see* Yousef, S.Y. 25908
Schosser, A., Tschudi, T., Frank, W.F., Pozzi, F. Spectroscopic study of surface effects in polymer waveguides generated by ionizing radiation related to guiding properties 23524
Schossler, C. *see* Koops, H.W.P. 22163
Schossmaier, K., Schmid, U., Horauer, M., Loy, D. Specification and implementation of the universal time coordinated synchronization unit (UTCSU) 41281
Schoster, E. *see* Turina, D. 47723
Schotland, J.C. Continuous-wave diffusion imaging 28152
Schott, C., Blanchard, H., Popovic, R.S., Racz, R., Hrejsa, J. High accuracy analog Hall probe 17295
Schott, J.R. *see* Gross, H.N. 15775
Schott, L. *see* Conway, G.D. 7547
Schott, M. *see* Bouche, C.-M. 23664
Schott, R. *see* Alonso, L. 30471
Schott, T.D. *see* Sandford, S.P. 27283
Schott, W. *see* Muehlbauer, M. 17970
Schotten, V. *see* Conde, J.P. 30902
Schottker, B. *see* As, D.J. 41920
Schottler, R.M., Lorenzen, H.W. Temperature and pressure rise in supercritical helium during the quench of indirectly cooled SC coils 51622
Schouhamer, K.A., Patrovics, L. Performance assessment of dc-free multimode codes 45571
Schoukens, J. *see* Pintelon, R. 45747
Schoukens, J. *see* Vuerinckx, X. 15362
Schoulepnikoff, L., Mitev, V. Numerical method for the modeling of high-gain single-pass cascade stimulated Raman scattering in gases 33633
Schoulepnikoff, L., Mitev, V. High-gain single-pass stimulated Raman scattering and four-wave mixing in a focused beam geometry: a numerical study 55868
Schoute, F.C. *see* Janssens, E.G. 5795
Schouten, R.N. *see* Strijbos, R.C. 44587
Schouten, T.E., Gebbinck, M.S.K., Liu, Z.K., Cen, S.W. Fast algorithm for spectral mixture analysis of imaging spectrometer data 56608
Schow, C.L. *see* Diaz, D.C. 17347
Schow, C.L. *see* Qi, J. 58377
Schowalter, L.J. *see* Deelman, P.W. 717
Schowalter, L.J. *see* Deelman, P.W. 791
Schowalter, L.J. *see* Ventrice, C.A., Jr. 2248
Schowengerdt, M. *see* Davis, M.A. 17441
Schowengerdt, R.A. On the estimation of spatial-spectral mixing with classifier likelihood functions 15947
Schowengerdt, R.A. Soft classification and spatial-spectral mixing 57067
Schowengerdt, R.A. *see* Descour, M.R. 15774
Schrader, A. *see* Freisleben, B. 57129
Schrader, M. *see* Kano, H. 27582
Schraft, R.D., Hagele, M., Schlaich, P., Barth, O. A robot system for automatic fuel refilling 27585
Schraft, S. *see* Petchprapa, C.N. 7881
Schrage, D. *see* Lawrence, G. 49177
Schrage, D.L. *see* Garnett, R.W. 17896
Schrage, J. Modeling and detection of dynamic errors due to reflection- and crosstalk-noise 41082
Schram, D.C. *see* Severens, R.J. 7520
Schrama, C.A., Van Eijkelenborg, M.A., Woerdman, J.P. Sum and difference phase noise in a laser with a polarization-isotropic resonator 3929
Schramm, C. *see* Umbach, A. 3650
Schramm, C. *see* Umbach, A. 6867
Schramm, C. *see* van Waasen, S. 47939
Schramm, H. High-voltage innovations [HV switchgear] 60939
Schramm, R. *see* Hoeher, P. 47841
Schramm, U. *see* Miesner, H.-J. 37046
Schrans, T. *see* Tong, F. 26751
Schrans, T.P. *see* Gee, C.M. 55672
Schreck, M. Recent advances in plated through-hole measurement 53769
Schreck, M., Thurer, K.-H., Stritzker, B. Limitations of the process window for the bias enhanced nucleation of heteroepitaxial diamond films on silicon in the time domain 40403
Schreck, M. *see* Cremades, A. 40421
Schreck, M. *see* Geier, S. 40437
Schrefl, T., Fidler, J. Numerical micromagnetics for granular magnetic materials 3194
Schrefler, B.A. *see* Galtarossa, A. 33035
Schreiber, A., Thuring, B., Kreuzer, M., Tschudi, T. Experimental investigation of solitary structures in a nonlinear optical feedback system 44104
Schreiber, B., Wickens, C.D., Renner, G., Alton, J. Navigational checking: implications for electronic map design 59933
Schreiber, C.M. Flipping chips onto bumped flexible substrates 1856
Schreiber, F. *see* Orth, T. 3185
Schreiber, F.A., Calvo Wolfler, R. Use of neural networks to estimate the number of nodes of an edge quadtree 57146
Schreiber, H.J. *see* Lorenz, R. 49123
Schreiber, I., Ben-Bassat, M. FEG structures for representation and recognition of 3-D polyhedral objects 46321
Schreiber, J. *see* Uniewski, H. 31827
Schreiber, M. *see* Hoffmann, K.H. *(editor)* 13113
Schreiber, R., Hase, P., Gerber, P. Innovative adhesion controller test results with BLS three-phase drive locomotive class Re 465 9662
Schreiber, R., Pfister, W. What levels can harmonics attain in distribution networks? 8890
Schreiber, T. *see* Schmid, W. 44288
Schreiber, V.K., Fenn, B. Computer aided cost estimates with automatic comparsion of prices from external services 60379
Schreiber, W., Notni, G., Kuhmstedt, P., Gerber, J., Kowarschik, R. Optical 3D-coordinate measuring system using structured light 17768
Schreiber, W. *see* Kirschner, V. 7419
Schreiber, W. *see* Maack, T. 36398
Schreier, G., Auer, T., Hutten, H., Schaldach, M., Allmayer, T., Grasser, B., Iberer, F., Tscheliessnigg, K.H. A non-invasive rejection monitoring system based on remote analysis of intramyocardial electrograms from heart transplants 59571
Schreier, G., Hutten, H., Schaldach, M., Auer, T., Iberer, F., Tscheliessnigg, K.H. Long-term reproducibility of signal morphology of telemetrically obtained intramyocardial electrograms from spontaneous and paced heart beats 49735
Schreier, G., Hutten, H., Schaldach, M., Grasser, B., Iberer, F., Tscheliessnigg, K. Remote intramyocardial electrogram analysis for non-invasive rejection monitoring after heart transplantation 28362
Schreier, G. *see* Hutten, H. 37789
Schreier, L. *see* Bendl, J. 60733
Schreier, R. Bandpass delta-sigma data converters 1525
Schreier, R., Goodson, M.V., Bo Zhang An algorithm for computing convex positively invariant sets for delta-sigma modulators 21770
Schreiner, K.E. *see* Mildice, J.W. 20141
Schreiner, W.S., Markin, R.E., Born, G.H. Correction of single frequency altimeter measurements for ionosphere delay 50167
Schreiter, R. *see* Bok, J. 1726
Schreiter, R. *see* Treitinger, L. 13114
Schreiter, R. *see* Treitinger, L. 22952
Schreitmueller, R. *see* Burke, R. 41669
Schremer, A.T. *see* Lee, J.-W. 22333
Schrempel, F. *see* Wendler, E. 12237
Schrenk, H. *see* Volpe, F.P. 31262
Schreurs, D. *see* Baeyens, Y. 53659
Schrey, P. *see* Velicescu, M. 3115
Schreyer, O., Gappisch, H., Maass, H. Least cost call routing–a brilliant application for private IN 25979
Schreyer, T. *see* Jong-Gwan Yook 40992
Schreyer, T.A. *see* Yook, J.-G. 41578
Schreyogg, C. Identification of voiceband data signal constellations using a divisive cluster algorithm 45529
Schriber, S.O. Overview of advanced proton driver for neutron transmutation systems 17968
Schrijver, C., Herden, A., Kamer, H. A time based model for the dielectric ageing of Fibre Reinforced Polymers (FRP) and its verification in a numerical simulation 32732
Schrijver, C.J., Hagenaar, H., Title, A.M. On the patterns of the solar granulation and supergranulation 35224
Schrimpf, R.D. *see* Allenspach, M. 8240
Schrimpf, R.D. *see* Allenspach, M. 22866
Schrimpf, R.D. *see* Dusseau, L. 42981
Schrimpf, R.D. *see* Fleetwood, D.M. 22954
Schrimpf, R.D. *see* Johnson, G.H. 22867
Schrimpf, R.D. *see* Schmidt, D.M. 22789
Schrimpf, R.D. *see* Titus, J.L. 22868
Schrimpf, R.D. *see* Witczak, S.C. 22792
Schrimpf, R.D. *see* Witczak, S.C. 22842
Schriner, H.K. *see* Wyss, G.D. 57823
Schroder, C., Neumann, B. On the logics of image interpretation: model-construction in a formal knowledge-representation framework 57322
Schroder, D.K. Carrier lifetimes in silicon 12203
Schroder, D.K. *see* Shin, H.C. 42989
Schroder, D.K. *see* Vasileska, D. 43042
Schroder, D.K. *see* Young-Bog Park 42322
Schroder, E. *see* Bokenbrink, D. 60548
Schroder, G. *see* Carlier, E. 49074
Schroder, G. *see* Stegmann, J. 15055
Schroder, G.H. *see* Ducimetiere, L. 51409
Schroder, G.H. *see* Mayer, M. 18060
Schroder, H., Hillmann-Ruge, T., Otterstedt, J. Laser reconfiguration for yield enhancement of a 16.6 cm^2 monolithic multiprocessor system 21739
Schroder, J. *see* Brosio, A. 26856
Schroder, K. Vertex tracking for grid-based motion compensation 15614
Schroder, K. *see* Hofmann, T. 48423
Schroder, K. *see* Liedl, G. 3224
Schroder, K. *see* Meyer auf der Heide, F. 16248
Schroder, P., Sweldens, W. Spherical wavelets: texture processing 35206
Schroder, R. *see* Bauch, A. 27209
Schroder, R. *see* Bauch, A. 27222
Schroder, R. *see* Heindorff, T. 48318
Schroder, R. *see* Knoll, A. 25490
Schroeder, B. *see* Bauer, S. 9549
Schroeder, C. *see* Brown, T. 57970
Schroeder, C.M. *see* Opila, R.L. 33048
Schroeder, D., Witkowski, U. Simulation of semiconductor devices with non-ideal metallic contacts 42907
Schroeder, D. *see* Mayer, T. 51797
Schroeder, D. *see* Zoelch, U. 51798
Schroeder, D.R. *see* Kornowski, R.R. 7491
Schroeder, F.D., Crostack, H.-A. Real-time holography of ultrasonic surface waves 14417
Schroeder, H. *see* Beckers, D. 42792
Schroeder, H. *see* Eppler, I. 42791
Schroeder, J.H., Minning, C.P. A new look at cooling of stacked multi-chip modules 31666
Schroeder, J.S. Recent federal legislation: its effect on us [PCB environmental issues] 10222
Schroeder, R. *see* Reidel, P. 19301
Schroeder, S.A. *see* Heinrich, S.M. 10063
Schroeder, S.A. *see* Heinrich, S.M. 30236
Schroeder, S.A. *see* Liang, J. 324
Schroeder, S.C. *see* Abbate, A. 34726
Schroeder, T. *see* Tofanelli, A. 26393
Schroeder, W. *see* Abrosimov, N.V. 10642
Schroeder, W. *see* Christ, T. 19141
Schroeder, W. *see* Gaus, J. 50678
Schroeder, W. *see* Schulz, D. 52597
Schroeder, W.A. *see* Mehendale, M. 44421
Schroedl, M. Sensorless control of AC machines at low speed and standstill based on the "INFORM" method 29708
Schroedl, M., Trenner, A., Berger, C. Induction motor drive for mine locomotives 61385
Schroedl, M., Wieser, R.S. EMF-based rotor flux detection in induction motors using virtual short circuits 29698
Schroer, E., Hopfe, S., Werner, P., Gosele, U., Duscher, G., Ruhle, M., Tan, T.Y. Oxide precipitation at silicon grain boundaries 22211
Schroer, E. *see* Edelman, F. 12307
Schroeter, A. *see* Schicker, R. 18140
Schroeter, C., Solomun, T. Sequential electrodeposition of silver and bismuth on a gold surface 10823
Schroeter, J. *see* Cranen, B. 4580
Schroeter, P. *see* Duc, B. 15545
Schroeter-Janssen, H. *see* Hamacher, M. 16743
Schroeter-Janssen, H. *see* Heidrich, H. 47997
Schroeter-Janssen, H. *see* Roehle, H. 40332
Schrofel, J. *see* Hradilova, J. 3430
Schroff, M. Adaptive adjustment of controller parameters 61227
Schrom, G., Selberherr, S. Ultra-low-power CMOS technologies 43288
Schrom, G., Stach, A., Selberherr, S. A consistent dynamic MOSFET model for low-voltage applications 12977
Schropp, R.E.I. *see* Meiling, H. 39153
Schropp, R.E.I. *see* Rath, J.K. 39141
Schropp, R.E.I. *see* van Cleef, M.W.M. 39198
Schropp, R.E.I. *see* Van Sark, W.G.J.H.M. 41828
Schroter, A. *see* Baur, H.J. 49564
Schroter, M. *see* Voinigescu, S.P. 21923
Schroter, W. *see* Gaiseanu, F. 42420
Schroth, A., Blochwitz, T., Gerlach, G. Simulation of a complex sensor system using coupled simulation programs 17263
Schroth, A., Sager, K., Gerlach, G., Haberli, A., Boltshauser, T., Baltes, H. A resonant polyimide-based humidity sensor 27456
Schroth, G. *see* Felblinger, T. 7956
Schroth, J. *see* Oppermann, M. 6462
Schroth, M. *see* Asinovsky, L. 21332
Schrufer, E. *see* Grossman, R. 36480
Schrufer, E. *see* Sachs, T. 7304
Schrum, L. Rural telecommunication for educational professional development and instructional improvement: two federally funded models 46862
Schryber, U. *see* Stammbach, T. 7699
Schryer, N.L. *see* Kaplan, A.E. 57777
Schub, M.H. *see* Allison, W.W.M. 37269
Schuba, M., Reichl, P. How to place connectionless servers in ATM networks 26242

Schubert, A., Michel, B., Reichl, H. Materials mechanics issues of smart card manufacturing 30268
Schubert, A. *see* Li Qiu 13165
Schubert, C. *see* Klemm, H. 40670
Schubert, E., Becker, M. A vision based coin inspection system 35148
Schubert, E. *see* Martin, V.E. 3117
Schubert, E.F., Grieshaber, W., Goepfert, I.D. Enhancement of deep acceptor activation in semiconductors by superlattice doping 12636
Schubert, E.F. *see* Shanhui Fan 55459
Schubert, E.F. *see* Tu, L.W. 3854
Schubert, H. *see* Fettweis, G.P. 47756
Schubert, J., Blosser, H., Kim, J., Lee, L., Stork, G., Zeller, A. Construction and testing of a general purpose 50 liter liquid helium cryovessel [for superconducting magnet system components] 32943
Schubert, J. *see* Schoning, M.J. 27486
Schubert, M.B., Wanka, H.N., Brummack, H. Optimum front contact and growth conditions for microcrystalline silicon solar cells from hot-wire CVD 39136
Schubert, M.B. *see* Wanka, H.N. 54454
Schubert, T.F., Jr. A heuristic approach to the development of frequency response characteristics in the design of feedback amplifiers 21508
Schubert, T.F., Jr. *see* Kim, E.M. 32370
Schubert, U. *see* Schindler, R. 39214
Schubert, W. *see* Schunemann, S. 15989
Schubert, W.K., Gee, J.M. Phosphorus and aluminum gettering–investigation of synergistic effects in single-crystal and multicrystalline silicon [solar cells] 39200
Schubring, A. *see* Filisko, F.E. 988
Schubring, A.W. *see* LaBranche, M.H. 61294
Schubring, P. *see* Syverson, W. 42454
Schuck, M.H., McKnight, D.J., Johnson, K.M. Smart pixel LCOS devices for projection display systems 33147
Schuddeboom, W., Wubbenhorst, M. Question marks to the extrapolation to lower temperatures in high temperature storage life (HTSL) testing in plastic encapsulated ICs 188
Schueler, B.W. *see* Lindley, P.M. 43177
Schuelke, A. *see* Huebner, B. 37357
Schueller, K.A., Butler, J.T. Complexity analysis of the cost-table approach to the design of multiple-valued logic circuits 31179
Schueller, O.J.A. *see* Rogers, J.A. 17384
Schueller, R.D. Reliability results for a wire bondable tape ball grid array package 20885
Schueneman, B.R. *see* de Jesus Ayala-Schueneman, M. 20563
Schuermeyer, F., Cerny, C., Bozada, C., Fang, Z.-Q., Look, D.C. Charge storage effects in pseudomorphic high electron mobility transistors 54702
Schuermeyer, F. *see* Tsai, R. 13834
Schuessler, H.W. *see* Heinle, F.A. 25015
Schuessler, P.W. *see* Scott, P.M. 52195
Schuette, A., Rodrigo, H. A simple subnanosecond rise time test generator with variable pulse width and amplitudes up to 1 kV 7487
Schuetz, T., Soltau, H. Automatic identification of spontaneous spoken language with neural nets 34646
Schuffny, R. *see* Franz, M. 15873
Schugerl, K. *see* Koneke, R. 36712
Schuhl, A. *see* Sussiau, M. 43654
Schuierer, S. *see* Lopez-Ortiz, A. 15881
Schuijlenberg, H.W.A. *see* Brock, I.C. 37039
Schuisky, M., Harsta, A. Epitaxial growth of Bi_2O_{233} by halide CVD 30806
Schulberg, M.T., Allendorf, M.D., Outka, D.A. Aspects of nitrogen surface chemistry relevant to TiN chemical vapor deposition 10850
Schule, J. *see* Lusse, P. 55243
Schule, T. *see* Schneider, M.-T. 53198
Schulenberg, T. Test field results of the new gas turbine V 84.3 A 19574
Schuler, D.L., Lee, J.S., De Grandi, G. Topographic measurements using polarimetric SAR data 8372
Schuler, J. *see* Matthews, J.A.J. 37266
Schuler, R., Ruhe, J., Fuglister, T. Practical aspects of partial discharge testing on generators and its beneficial impact on the operational reliability of power plants 60681
Schulbofer-Wohl, S. *see* Grossman, C.H. 24165
Schulke, T. *see* Anders, A. 22131
Schulke, T. *see* Juttner, B. 22147
Schulke, T. *see* Siemroth, P. 23202
Schulke, T. *see* Wenzel, C. 42723
Schull, K., Spahn, W., Hock, V., Lunz, U., Ehinger, M., Faschinger, W., Landwehr, G. Non-metal in situ and ex situ ohmic contacts to n-ZnSe 54164
Schull, K. *see* Eisert, D. 55638
Schull, K. *see* Lunz, U. 2149
Schull, K. *see* Waag, A. 23959
Schullatz, M. *see* Supancic, P. 31761
Schuller, G. Low delay filter banks with perfect reconstruction 4842
Schuller, M., Phillips, P.H., Sievers, R., Svedberg, R., Ivanenok, J., Reiners, E., Merrill, J., Crowley, C., Izenson, M. Vacuum testing of high efficiency AMTEC cells 18732
Schuller, M. *see* Johnson, G. 18687
Schuller, M. *see* Johnson, G. 37972
Schuller, M. *see* Van Hagan, T.H. 18688
Schulman, J. *see* Troyk, P.R. 18532
Schulman, L.J. Coding for interactive communication 24690
Schulman, R., Snyder, R., Williams, L.J. SINCGARS Internet controller–heart of the digitized battlefield 60151
Schulman, R.D. CD-ROM/CD-R in the legal labyrinth 6341
Schulr, J., Mono, T., Chung, S.J., Mohr, J. The effect of residual solvent on the profiles of thick positive DNQ-photoresist for Microsystem Technologies 54534
Schulte, A., Rogozik, J., Klockner, W. Visualizing of planning and decision-aiding functions for crew assistance in military aircraft operations 19031
Schulte, H. *see* Spadtke, P. 37204
Schulte, J. Feasibility study into micro combined heat and power 29056
Schulte, K. Some aspects on health monitoring in composite materials 11001
Schulte, M. New developments in the erection of transformer stations 9446
Schulte, S. *see* Siegel, W. 41928
Schulte, W.H. *see* Baumvol, I.J.R. 10735
Schulte, W.H. *see* Campajola, L. 7751
Schulte-Schrepping, H. *see* Hahn, U. 37069
Schulten, K. *see* Sharma, R. 14947
Schulter, O., Webelacker, H.K. The weaknesses of firewall solutions [corporate networks] 16160
Schultheiss, B. *see* Wetzig, T. 28361
Schultheiss, H.P. *see* Kristiansen, G. 49436
Schultz, C.J. *see* Dawson, C. 39694
Schultz, D. *see* Chian, M. 26234
Schultz, D. *see* Romaine, S.E. 28538
Schultz, G. *see* Arai, Y. 37267
Schultz, G. *see* Arai, Y. 37268
Schultz, J.R., Aikman, F., III Sea surface temperature evaluation of the Coastal Ocean Forecast System 50098
Schultz, L. *see* Buus, H. 59896
Schultz, L. *see* Cao, L. 3135
Schultz, L. *see* Gruenberger, W. 3112
Schultz, L. *see* Handstein, A. 3100
Schultz, L. *see* Neu, V. 3121
Schultz, L. *see* Parhofer, S. 32802
Schultz, L. *see* Stoye, P. 32891
Schultz, M. *see* Chartrand, G. 10314
Schultz, M. *see* Jenderka, K.-V. 18355
Schultz, R. Discontinuous optimization problems in stochastic integer programming 491
Schultz, R. Rates of convergence in stochastic programs with complete integer recourse 10419
Schultz, R. *see* Romisch, W. 8809
Schultz, R.D. *see* Kilgore, W. 6577
Schultz, S. *see* Yamamoto, S.Y. 32832
Schultz, T., Rogina, I., Waibel, A. LVCSR-based language identification 14980
Schultz, T. *see* Fischer, I. 33359
Schultz, T.W. New directions for a junior-level projects course 20557
Schultze, J.W. *see* Genz, O. 9503
Schultze, J.W. *see* Schoning, M.J. 13180
Schultze, K. *see* Adam, A. 37280
Schultze, V. *see* Il'ichev, E. 43787
Schultze, W.D. Design and manufacturing experience with GaAs/Ge solar cells as gained with the TEMPO solar generator program 38018
Schulz, A. *see* Beiersdorfer, S. 10398
Schulz, A.S. *see* Hartmann, S. 41599
Schulz, A.S. *see* von Arnim, A. 10403
Schulz, D. Redundancy reduction in compressed audio signals 45924
Schulz, D., Wollweber, J., Darowski, N., Schroeder, W. Axial temperature distribution in silicon-germanium grown by the RF-heated float zone technique 52597
Schulz, D.L., Pehnt, M., Curtis, C.J., Ginley, D.S. Spray deposition of CdTe thin films using nanoparticle precursors 52738
Schulz, D.L., Pehnt, M., Urgiles, E., Niles, D.W., Jones, K.M., Curtis, C.J., Ginley, D.S. High-quality CdTe films from nanoparticle precursors 30859
Schulz, E. *see* Sturm, H. 58980
Schulz, E. *see* Von Grawe, J. 8825
Schulz, H.G. *see* Wunsch, G. 20305
Schulz, J., Bley, P., Zum-Gahr, K.H., Menz, W., Mohr, J. A comparison of microactuator concepts in view of fabrication technologies and applications 23091
Schulz, J. *see* Ruck, D.M. 23526
Schulz, K. *see* Behle, M. 27961
Schulz, K. *see* Perinic, G. 48535
Schulz, K.-J., Incollingo, M., Uhrig, H.K. Taking advantage of ATM services and tariffs: the importance of transport layer dynamic rate adaptation 46609
Schulz, K.H. *see* Wiegenstein, C.G. 48824
Schulz, M. *see* Karg, D. 20041
Schulz, M. *see* Lahnor, P. 36558
Schulz, M. *see* Lahnor, P. 48508
Schulz, M. *see* Voight, A. 20040
Schulz, O. *see* Buescher, S. 55507
Schulz, P. Extending DSP-boards with FPGA-based structures of interconnection 15164
Schulz, P. *see* Biebricher, M. 23544
Schulz, R., Bachmann, T., Glaser, E., Gaiduk, P. Ion beam induced nucleation in amorphous GaAs layers during MeV implantation 30745
Schulz, R. *see* Assaderaghi, F. 2839
Schulz, R. *see* Mahlkow, H. 11949
Schulz, R. *see* Su, L. 2793
Schulz, R. *see* Subbanna, S. 41161
Schulz, R. *see* Thon, L.E. 11576
Schulz, R. *see* Voldman, S. 22978
Schulz, R.-H. *see* Broecker, C. 45557
Schulz, R.J. *see* Gore, J.C. 18587
Schulz, R.P., Laios, B.B. Triggering tradeoffs for recording dynamics [in power systems] 50674
Schulz, R.P. *see* O'Keefe, R.J. 50475
Schulz, S., Rozenblit, J.W., Buchenrieder, K. Towards an application of model-based codesign: an autonomous, intelligent cruise controller 51820
Schulz, S.E., Weidner, J.-O., Hasse, W. Enhanced reliability of W-encapsulated AlSi-interconnections using selective W-CVD 42727
Schulz, S.E. *see* Hayes, J.G. 39293
Schulz, T.J., Kostinski, A.B. Variance bounds on the estimation of reflectivity and polarization parameters in radar meteorology 50061
Schulz, U., Kaiser, N. Near-infrared spectroscopy for monitoring water permeability of optical coatings on plastics 33217
Schulz, W. Traffic management improvement by integrating modern communication systems 7003
Schulz, W. Extension of a personal in-car information centre by navigation and cellular communication 47787
Schulz, W. *see* Kugele, R. 38664
Schulz-Sternkopf, P. *see* Frohnhoff, B. 35627
Schulz-Wendtland, R. *see* Klein, R. 59848
Schulze, H. *see* Frieling, G. 27132
Schulze, H.-J., Ludge, A., Riemann, H. High-resolution measurement of resistivity variations in power devices by the photoscanning method 48813
Schulze, H.-J. *see* Brunner, H. 40885
Schulze, H.-J. *see* Niedernostheide, F.-J. 22906
Schulze, J. *see* Mentel, J. 23758
Schulze, M. *see* Farrell, C. 46918
Schulze, M.P. *see* Greenough, R.D. 48490
Schulze, N. *see* Heydemann, V.D. 10618
Schulze, R. *see* Badura, E. 37241
Schulze, S., Albrecht, I., Benecke, W. Detection of defects at bonded silicon-silicon-interfaces by electrical characterization 23065
Schulze, S., Albrecht, I., Kosbi, K., Gebhard, M., Benecke, W., Bosek, S. Investigation of bonded silicon-silicon-interfaces using scanning acoustic microscopy 23046
Schulze, S., Noffke, M., Albrecht, I., Benecke, W., Mennig, M. Low temperature bonding of silicon wafers by sol-gel-processing 23066
Schulze, S. *see* Fenske, F. 777
Schulze, T. *see* Drodofsky, U. 42860
Schulze, W.A. *see* Carlson, W.B. 43489
Schulzgen, A. *see* Nickolaus, H. 22362
Schulzrinne, H. Operating system issues for continuous media 6307
Schulzrinne, H., Smirnov, M., Roth, R., Wolisz, A. IP multicasting over ATM: the Multicube approach 26185
Schulzrinne, H. *see* Campbell, A.T. 47334
Schulzrinne, H. *see* Sisalem, D. 5839
Schulzrinne, H. *see* Sisalem, D. 57662
Schumacher, B., Nielsen, M.A. Quantum data processing and error correction 14767
Schumacher, B. *see* Barnum, H. 34581
Schumacher, B. *see* Warnecke, P. 17172
Schumacher, D. *see* Luse, R.W. 37915
Schumacher, G., Josko, B., Wagner, G., Radetzki, M. Development of a telephone answering machine in a lab–FPGAs in education 11436
Schumacher, H. *see* Bruce, S. 22786
Schumacher, H. *see* Duerr, W. 34286
Schumacher, H. *see* Schuppen, A. 26555
Schumacher, J. *see* Glunz, S.W. 51560
Schumacher, J.M. *see* Rosenthal, J. 24700
Schumacher, M. Use of histograms on digital oscilloscopes for difficult measurements 27774
Schumacher, M. *see* Thomas, D. 52674
Schumacher, R. Tackling toolset [distributed computing] 47102
Schumacher, R. PowerBuilder 5.0 [software review] 47103
Schumacher, R.W., Olney, R.D., Wragg, R., Landau, F.H., Widmann, G.R. Collision warning system technology 58736
Schumacher, U. The success of strategic alliances and their impact on growth [semiconductor market] 30408
Schumacher, W. *see* Kiel, E. 61121
Schumaker, L.L., Stanley, S.S. Shape-preserving knot removal 10443
Schumaker, L.L. *see* Alfeldl, P. 515
Schumaker, L.L. *see* Xiaoyu Liu 521
Schumaker, N.E. *see* Thompson, A.G. 10702
Schumann, F. *see* Loulergue, A. 37088
Schumann, F. *see* Schein, J. 39379
Schumann, F. *see* Treitinger, L. 13114
Schumann, F. *see* Treitinger, L. 22952
Schumann, H. *see* Dadgar, A. 42373
Schumann, H. *see* Geiger, M. 30784
Schumann, H. *see* Pohl, U.W. 40339
Schumann, J. *see* Burkov, A.T. 31931
Schumann, J. *see* Burkov, A.T. 42008
Schumann, J. *see* Heinrich, A. 31906
Schumann, J. *see* Pitschke, W. 31881
Schumann, U. *see* Ponater, M. 8220
Schumann, W. Meaning of integrability and image aberration for the analysis of fringe curvature with

two separate holograms in relatively large strains at the surface of an opaque body 44755
Schumm, B., Jr. Rechargeable zinc/manganese dioxide alkaline cells response to electric vehicle type testing 19975
Schumm, J.S., Pearson, D.L., Jones, L., II, Hara, R., Tour, J.M. Potential molecular wires and molecular alligator clips 53820
Schumny, H. *see* Albrecht, H.-H. 1529
Schunck, J.P. *see* Ventura, L. 39008
Schunemann, K. *see* Abou-Elnour, A. 13011
Schunemann, K. *see* Bing Wang 11684
Schunemann, K. *see* Liebig, D. 12859
Schunemann, P.G. Growth of $CdGeAs_2$ for mid- to far-IR frequency conversion 14281
Schunemann, P.G. *see* McCrae, J.E. 42026
Schunemann, S., Rethfeldt, C., Muller, F., Agha-Amiri, K., Michaelis, B., Schubert, W. Analysis of coupled multi-image information in microscopy 15989
Schunk, R.W. *see* Sojka, J.J. 50049
Schuppen, A., Dietrich, H., Gerlach, S., Hohnemann, H., Arndt, J., Seller, U., Gotzfried, R., Erben, U., Schumacher, H. SiGe-technology and components for mobile communication systems 26555
Schuppener, G. *see* Mokhtari, M. 54772
Schuppert, B. *see* Moosburger, R. 26454
Schuppert, B. *see* Moosburger, R. 44054
Schur, R., Sogawa, F., Nishioka, M., Ishida, S., Arakawa, Y. Vertical microcavity lasers with InGaAs/GaAs quantum dots formed by spinodal phase separation 55656
Schur, R. *see* Kitamura, M. 40480
Schur, R. *see* Nishioka, M. 14170
Schurer, F. On transnational exchanges of postgraduate students in industrial mathematics 20447
Schurman, M. *see* Li, Y. 12779
Schurman, M. *see* Zhang, H.Y. 4042
Schurman, M.J. *see* Hwang, C.-Y. 54091
Schurman, M.J. *see* Hwang, C.Y. 12266
Schurmann, G. Multimedia mail 6308
Schurmann, G. *see* Eckert, K.-P. 57995
Schurmann, G. *see* Indermuhle, P.-F. 54846
Schurr, J. *see* Nolting, F. 27386
Schurr, K.G. *see* Rooney, D.T. 53835
Schuss, J.J., Upton, J., Myers, B., Sikina, T., Rohwer, A., Makridakis, P., Francois, R., Wardle, L., Kreutel, W., Smith, R. The IRIDIUM(R) Main Mission Antenna concept 34462
Schuster, A. *see* Kreitmair-Steck, W. 18646
Schuster, G., Hoffmann, A., Hechtfischer, D. ^{3}He melting pressure-temperature relation in the range from 1 mK to 1000 mK 17178
Schuster, G.L. *see* Mayor, S. 18768
Schuster, G.M., Katsaggelos, A.K. An optimal segmentation encoding scheme in the rate distortion sense 5157
Schuster, G.M., Katsaggelos, A.K. An optimal quadtree-based motion estimator 15596
Schuster, G.M., Katsaggelos, A.K. A video compression scheme with optimal bit allocation between displacement vector field and displaced frame difference 25576
Schuster, G.M., Katsaggelos, A.K. Optimal decomposition for quad-trees with leaf dependencies 56621
Schuster, G.M., Katsaggelos, A.K. An efficient boundary encoding scheme which is optimal in the rate distortion sense 57099
Schuster, H.-G. *see* Ghita, C. 60784
Schuster, J., Hakakha, H., Korevaar, E. Optomechanical design of STRV-2 lasercom transceiver using novel azimuth/slant gimbal 6797
Schuster, J., Luebbers, R. FDTD for three-dimensional propagation in a magnetized ferrite 34011
Schuster, J., Luebbers, R. Comparison of site-specific radio propagation path loss predictions to measurements in an urban area 34077
Schuster, J., Luebbers, R., Riazi, H. FDTD predictions and measurements of car effects on portable telephone received signal levels 35937
Schuster, M., Rigoll, G. Fast online video image sequence recognition with statistical methods 25756
Schuster, P.R., Miragliotta, J.A., Thomas, M.E., Rust, D.M. Development of optical filters based on photorefractive materials 3533
Schuster, R., Buks, E., Heiblum, M., Mahalu, D., Umansky, V., Shtrikman, H. Phase measurement in a quantum dot via a double-slit interference experiment 32007
Schuster, R., Ensslin, K., Kotthaus, J.P., Bohm, G., Klein, W. Classical and quantum transport in rectangular antidot superlattices 42166
Schuster, R. *see* Buks, E. 12387
Schuster, R. *see* Heiblum, M. 12465
Schuster, T. *see* Louis, A.K. 7835
Schuszter, M. *see* Mojzes, I. 32054
Schuszter, M. *see* Mojzes, I. 42736
Schut, H., Van Veen, A., Jorgensen, L.V., Dankert, O., Westerduin, K.T., Reader, A.H., Oberlin, J.C. Monitoring of the thermal annealing of HDP-Si oxides by positron annihilation and thermal desorption spectrometry 42359
Schut, H. *see* van Veen, A. 12182
Schutt, J. Vibration testing of electronic assemblies 30269
Schutt, T. *see* Bruce-Boyce, C. 18501
Schutt-Aine, J.E. *see* Beyene, W.T. 43237
Schutte, K. *see* Bergmann, H.W. 14493
Schutter, F.de *see* de Schutter, F.
Schutter, J.De *see* De Schutter, J.
Schutz, B.E. *see* Kuang, D. 36069
Schutz, C. *see* Hugli, H. 35007
Schutz, G. *see* Rosenauer, A. 22241
Schutz, H. *see* Corsini, R. 14025
Schutz, H. *see* Gale, M.T. 58847
Schutz, J.B. *see* Fabian, P.E. 48821
Schutz, M., Ebrahimi, T. Matching error based criterion of region merging for joint motion estimation and segmentation techniques 57283
Schutz, M. *see* Jordan, F. 46215
Schutz, M. *see* Khuri, S. 21106
Schutze, T., Schwetlick, H. Constrained approximation by splines with free knots 30583
Schuurman, P. A table of state complexity bounds for binary linear codes 24710
Schuurmans, F.M., Schonecker, A., Eikelboom, J.A., Sinke, W.C. Crystal-orientation dependence of surface recombination velocity for silicon nitride passivated silicon wafers 32094
Schuver, H.-J. *see* ten Haken, B. 43769
Schuylenburg, H. *see* Adam, A. 37280
Schvan, P. *see* Voinigescu, S.P. 21923
Schvan, P. *see* Yong Qiang Li 23020
Schwab, A., Fuchs, C., Kistenmacher, P. Semantics of the irrotational component of the magnetic vector potential, A 45420
Schwab, A. *see* Kistenmacher, P. 33796
Schwab, A. *see* Kistenmacher, P. 45192
Schwab, A.J. *see* Badent, A. 23150
Schwab, A.J. *see* Badent, R. 13275
Schwab, A.J. *see* Badent, R. 23233
Schwab, A.J. *see* Badent, R. 32690
Schwab, A.J. *see* Bernauer, J. 45194
Schwab, A.J. *see* Lopatin, V. 32729
Schwab, C., Suri, M. The p and hp versions of the finite element method for problems with boundary layers 10554
Schwab, C. *see* von Petersdorff, T. 574
Schwab, D.J. *see* Gilbert, B.K. 31657
Schwab, J. Passive method for extracting multiple distance data in real time 36882
Schwab, M. *see* Dubbs, T. 37393
Schwabe, B. *see* Kahn, T. 7927
Schwabe, E.J., Sutherland, I.M. Improved parity-declustered layouts for disk arrays 14852
Schwabe, E.J. *see* Jordan, S. 26635
Schwabe, R. *see* Gottschalch, V. 52641
Schwabe, R. *see* Kirpal, G. 40342
Schwabe, R.J. *see* Nelson, J.K. 38699
Schwabisch, M. *see* Coltelli, M. 28608
Schwabisch, M. *see* Geudtner, D. 18814
Schwaderer, B. *see* Zylbersztejn, A. 26901
Schwager, M. *see* Popowski, Y. 59768
Schwaiger, R., Huber, R., Mayer, H.A. Land cover classification of Landsat images using problem-adapted artificial neural networks 57071
Schwall, R.E. *see* Aized, D. 43767
Schwall, R.E. *see* Gamble, B. 60438
Schwall, R.E. *see* Lue, J.W. 32937
Schwalm, D. *see* Madert, M. 49186
Schwalm, D. *see* Miesner, H.-J. 37046
Schwalm, R.C., Brady, J.F., III Design solutions for thermal imaging devices in military vehicles 18992
Schwan, K. *see* Jeff, B. 7105
Schwan, M.A.K. *see* Troyk, P.R. 18532
Schwander, T., Lusse, P., Schobel, J. Enhanced Stark-effect in tensile strained $Al_xIn_{1-x}As/Ga_yIn_{1-y}As/InP$ quantum well structures 33128
Schwandner, A., Gortler, A., Christiansen, J., Frank, K., Hoffmann, D.H.H., Prucker, U. Investigations of carbide electrodes in high-current pseudospark switches 29498
Schwandner, A. *see* Frank, K. 51407
Schwandner, A. *see* Prucker, U. 28951
Schwandt, P. *see* Nagaitsev, S.S. 59172
Schwank, J.R., Roeske, S.B., Beutler, D.E., Moreno, D.J., Shaneyfelt, M.R. A dose rate independent pMOS dosimeter for space applications 28553
Schwank, J.R. *see* Fleetwood, D.M. 22954
Schwank, J.R. *see* Warren, W.L. 23105
Schwank, J.W. *see* Majoo, S. 36757
Schwank, J.W. *see* Patel, S.V. 48707
Schwank, J.W. *see* Walton, R.M. 58882
Schwanke, D. *see* Muller, J. 53868
Schwarte, R. *see* Li, J. 33766
Schwarte, R. *see* Xu, Z. 35023
Schwartx, P.R. *see* Hartmann, G.K. 8419
Schwartz, B.D. *see* Macomber, S.H. 55727
Schwartz, B.J. *see* Hide, F. 3772
Schwartz, C. *see* Kayton, D. 30154
Schwartz, C. *see* O'Hara, M. 59678
Schwartz, D.A. *see* Graessle, D.E. 28539
Schwartz, D.A. *see* Romaine, S.E. 28538
Schwartz, D.B., Carney, F., Chun, C.K.Y., Claisse, P., Foley, B.M., Gaw, C., Hartman, D.H., Kiely, P., Knapp, J., Wenbin Jiang, Shun Meen Kuo, Lebby, M., Planer, S., Norton, L.J., Raskin, G., Sauvageau, J., Chan Long Shieh, Shook, S.G., Tapp, S. Low-cost high-performance optical interconnect 23710
Schwartz, D.B., Chun, C.K.Y., Choi, N., Diaz, D., Planer, S., Raskin, G., Shook, S.G. OPTOBUS™ I: performance of a 4 Gb/s optical interconnect 58390
Schwartz, E.L. *see* Fischl, B. 15537
Schwartz, E.L. *see* Zandi, A. 25575
Schwartz, G. *see* Zhang, Y. 54435
Schwartz, H.R. *see* Nichols, D.K. 21844
Schwartz, J. *see* Burger, D.R. 37993
Schwartz, J. *see* Burkhardt, E.E. 32949
Schwartz, J. *see* Eichler, H.J. 13950
Schwartz, J. *see* Shoaff, P.V., Jr. 43847
Schwartz, J.-L. *see* Girin, L. 24862
Schwartz, J.A. *see* Dally, R.B. 38013
Schwartz, J.L., Steinberg, B.D. Ultrasparse, ultra-wideband phased arrays 34387
Schwartz, L. DCMC ISO qualification 37939
Schwartz, M. *see* Arcos, C. 30847
Schwartz, O., Quinn, A. Fast and accurate texture-based image segmentation 57502
Schwartz, P. *see* Swindler, D.L. 61373
Schwartz, R. *see* LaPre, C. 25395
Schwartz, R. *see* Zavaliagkos, G. 15096
Schwartz, R.J. *see* Giles, F.P. 36869
Schwartz, R.L. Programming with PERL: Web wandering for broken links 6211
Schwartz, R.L. How to be virtually anonymous 26165
Schwartz, R.N. *see* Chen-Chia Wang 32974
Schwartz, R.N. *see* Lee, J.W. 23942
Schwartz, R.N. *see* Wu, X. 54088
Schwartz, R.N. *see* Zavada, J.M. 33578
Schwartz, R.W., Voigt, J.A., Tuttle, B.A., Payne, D.A., Reichert, T.L., DaSalla, R.S. Comments on the effects of solution precursor characteristics and thermal processing conditions on the crystallization behavior of sol-gel derived lead zirconate titanate thin films 40509
Schwartz, S. *see* Lee, N. 34901
Schwartz, S. *see* Sheehan, L. 3956
Schwartz da Silva, J., Arroyo-Fernandes, B., Barani, B., Pereira, J., Ikonomou, D. Evolution towards UMTS 47812
Schwartzel, K. Supervisory control and data acquisition for hazardous areas 30107
Schwartzenberg, J.W., DeDoncker, R.W., Maranto, J.A., George, M. Application of a mobile medium voltage sub-cycle transfer switch 19902
Schwartzkopff, M. *see* Hartmann, E. 12444
Schwartzmiller, F. *see* Tsenter, B. 61024
Schwartzwandler, J. *see* Panescu, D. 59573
Schwarz, A. *see* Fantoni, A. 20035
Schwarz, A. *see* Kohl, C.-D. 50778
Schwarz, C., Teich, J., Vainshtein, A., Welzl, E., Evans, B.L. Minimal enclosing parallelogram with application 46267
Schwarz, C. *see* Dasgupta, S. 45820
Schwarz, C.J. *see* Brehmer, D.E. 12875
Schwarz, F. Janet bases of 2nd order ordinary differential equations 21181
Schwarz, J., Spreng, D. Simple modelling of the development of consumption by uses of energy 20098
Schwarz, J. *see* Dvorak, V. 56077
Schwarz, J. *see* Faller, J.E. 17188
Schwarz, K.-P., Ye Cai Li What can airborne gravimetry contribute to geoid determination? 8352
Schwarz, K.Q. *see* Xucai Chen 59423
Schwarz, R. Test your spread-spectrum products 16523
Schwarz, R. *see* Eiche, C. 10592
Schwarz, R. *see* Popovic, P. 39151
Schwarz, R.B., Khachaturyan, K., Weber, E.R. Elastic moduli of gallium nitride 41919
Schwarz, S., Pohl, A., Mathis, W. Structure verification on photolithographic masks based on tolerance criteria by cellular neural networks 30348
Schwarz, U., Berthie, M.L., Courjon, D., Bielefeldt, H. Simple reflection scanning near-field optical microscope using the back reflected light inside the laser cavity as detection mode 24310
Schwarz, U. *see* Kurths, J. 25040
Schwarz, U. *see* Ulrich, C. 22283
Schwarz, W. *see* Abel, A. 4436
Schwarz, W. *see* Falk, T. 43353
Schwarz, W. *see* Kelber, K. 46002
Schwarz, W. *see* Read, M. 48837
Schwarz Dasilva, J., Ikonomou, D., Erben, H. European R&D programs on third-generation mobile communication systems 47578
Schwarzacher, W., Attenborough, K., Michel, A., Nabiyouni, G., Meier, J.P. Electrodeposited nanostructures 43656
Schwarzberg, E. *see* Stolle, R. 14253
Schwarze, F. *see* Meyer auf der Heide, F. 16248
Schwarze, R. *see* Schardt, P. 61363
Schwarzenbach, R. TeleScada: an open telecoms management system 35579
Schwarzmaier, H.-J. *see* Kahn, T. 7927
Schwarzmann, P. *see* Schmid, J. 7878
Schwebel, C. *see* Dorsch, W. 10912
Schweber, B. Line drivers and receivers push signals through cable's reality 26458
Schweber, B. Choices and confusion spread wider as spread spectrum goes mainstream 26512
Schweda, H.S., Bernier, L.G., Busca, G., Jornod, A. Hydrogen maser frequency standard for scientific experiments in space 48205
Schwedes, T. *see* Brunner, M. 13712
Schwedler, R. *see* Royo, F. 12403
Schwedt, J. *see* Ben Ammar, F. 51885
Schwedtmann, U. *see* Sommerstange, M. 50868
Schweer, A. *see* Fickert, L. 8971
Schweer, A. *see* Sommerstange, M. 50868

Schwegmann, P., Bald, A. Possibilities and partnerships for modernization of power plants in the former Council for Mutual Economic Aid-Area (RGW) 60453
Schweiger, W. *see* Freeman, G. 22914
Schweikert, K.-H. *see* Burkle, R. 13709
Schweikert, R. *see* Hoeher, P. 47841
Schweitz, J.-A. *see* Greek, S. 54054
Schweitz, J.-A. *see* Hjort, K. 13153
Schweitz, J.-A. *see* Thornell, G. 13251
Schweitz, J.A. *see* Benitez, M.A. 13174
Schweitz, J.A. *see* Lange, P. 10693
Schweitzer, E. *see* Edwards, J.N. 18064
Schweitzer, F., Ebeling, W., Rose, H., Weiss, O. Network optimization using evolutionary strategies 10396
Schweitzer, W. Technical improvements in stepped lens spotlights 61323
Schweizer, H. *see* Burkard, M. 42062
Schweizer, H. *see* Gauggel, H.-P. 23903
Schweizer, H. *see* Geiger, M. 42239
Schweizer, H. *see* Geng, C. 40459
Schweizer, H. *see* Griesinger, U.A. 23962
Schweizer, H. *see* Jian Wang 14143
Schweizer, H. *see* Jian Wang 44456
Schweizer, H. *see* Jian Wang 55643
Schweizer, H. *see* Jian Wang 55718
Schweizer, H. *see* Kuhn, J. 55661
Schweizer, H. *see* Moritz, A. 55633
Schweizer, H. *see* Wang, J. 3828
Schweizer, H.P. *see* Moser, M. 44553
Schweizer, J., Hasler, M. Multiple access communications using chaotic signals 5812
Schweizer, M. *see* Croell, A. 10591
Schweizer, M. *see* Marco, S. 17583
Schweizer, S.M., Stonick, V.L., Evans, J.L. TLS parameter estimation for filtering chaotic time series 15145
Schweizer, T., Samson, B.N., Moore, R.C., Hewak, D.W., Payne, D.N. Rare-earth doped chalcogenide glass fibre laser 44379
Schweizer, T.C. *see* Basheer Ahmed, S. 28991
Schweizerhof, K. *see* Riccius, J. 10568
Schwela, H. *see* Bauer, J.U. 49603
Schwenk, T.R. *see* Wu, C.C. 49649
Schwenke, J. *see* Alexeev, G. 59200
Schwenke, J. *see* Auffray, E. 37281
Schwenker, F., Kestler, H.A., Palm, G. Visualization and analysis of signal averaged high resolution electrocardiograms employing cluster analysis and multidimensional scaling 49617
Schwenker, F. *see* Kestler, H.A. 37821
Schwenker, F. *see* Kestler, H.A. 49619
Schwentner, N. *see* Streller, U. 2365
Schwentner, N. *see* Streller, U. 2394
Schweppe, J.E. *see* Kessler, E.G., Jr. 27380
Schwerdt, M., Berger, J., Petermann, K. Sensitivity gain of integrated-optical electric field sensors from a balanced sensor design 17718
Schwerdt, M., Berger, J., Petermann, K. E-field measurements in the near-field of transmitting antennas using an integrated electro-optical sensor 45393
Schwerdt, M. *see* Berger, J. 17719
Schwerin, A.von *see* von Schwerin, A.
Schwerin, L.M. *see* Aprille, T.J. 16439
Schwerin, L.M. *see* Aprille, T.J. 47427
Schwetlick, H. *see* Schutze, T. 30583
Schweyer, M.G., Andle, J.C., McAllister, D.J., Vetelino, J.F. An acoustic plate mode sensor for aqueous mercury 27484
Schweyer, M.G. *see* Jeffrey, C. 17305
Schwiatkowski, P. *see* Ludwig, L.A. 10201
Schwider, J. *see* Dresel, T. 14458
Schwiebert, L. *see* Jayasimha, D.N. 16126
Schwiegershausen, M. *see* Kropp, H. 15903
Schwierz, F., Rossberg, M., Forster, H., Nuernbergk, D., Schipanski, D. Recent advances in Si/SiGe HBT research 31510
Schwierzi, B. *see* Ahrens, C. 42642
Schwinde, A. *see* Ehret, R. 36720
Schwindt, C.J. *see* Weidner, H. 13821
Schwindt, H.-J., Wolfe, W., Wunsch, A. Hot water production in one-family dwellings centralized and decentralized systems with or without utilization of solar energy 61354
Schwing, J.L. *see* Bokka, V. 4970
Schwitters, R. *see* Krizan, P. 59293
Schwoerer, D.Kapp *see* Kapp Schwoerer, D.
Schwoerer, M., von Seggern, H. Electroluminescent chromophores and polymers for organic LEDs and displays 48776
Sciacca, C. *see* Adam, A. 37280
Sciacca, C. *see* Aloisio, A. 37491
Sciacca, C. *see* Paolucci, P. 37242
Sciacovelli, P. *see* Tapfer, L. 22315
Sciammarella, C.A. A new fibre optics illumination system for application to electronics holography 24278
Sciance, F.S. *see* Pasek, J.E. 29760
Sciarra, S. *see* Cesari, S. 29519
Sciascio, E.Di *see* Di Sciascio, E.
Scicchitano, E.A. *see* Bienert, W.B. 9998
Scifres, D.R. *see* DeMars, S.D. 3844
Sciomachen, A. *see* Mignanego, F. 10259
Sciortino, J.C., Jr. *see* Barrows, G.L. 34943
Sciortino, P.F., Jr. *see* Lee, J.W. 54459
Sciortino, P.F., Jr. *see* Tanbun-Ek, T. 55691
Sciortino, S. *see* Biggeri, U. 7827
Scire, J. *see* Campinell, B. 1874
Scislo, P. *see* Piatkowska-Janko, E. 49710
Scitovski, R. *see* Jukic, D. 40143
Sciuto, D. *see* Barbagallo, S. 31275
Sciuto, D. *see* Bolchini, C. 11286
Sciuto, D. *see* Bolchini, C. 31251
Sciuto, D. *see* Bolchini, C. 32557
Sciuto, D. *see* Brandolese, C. 11033
Sciuto, D. *see* Fornaciari, W. 21422
Sciuto, D. *see* Fummi, F. 41078
Sciutti, A. *see* Fabbricatore, P. 13487
Sciutto, G. *see* Marchesoni, M. 9579
Sciutto, L. *see* Bozzo, R. 2977
Sciver, S.W.Van *see* Van Sciver, S.W.
Scklenicka, V. *see* Pigini, A. 8923
Sclabassi, R.J. *see* Fu-Chiang Tsui 4420
Sclabassi, R.J. *see* Kosanovic, B.R. 28345
Sclabassi, R.J. *see* Tsui, F.-C. 59745
Sclater, N. Strategies for distributing and running multimedia courseware on networked machines 58009
Scobie, C. *see* Dawson-Maddocks, A. 35569
Scognetti, T. *see* Perrino, R. 37264
Scoirtino, P.F., Jr. *see* Morton, P.A. 16819
Scol Sang-Cheol *see* Sang-Cheol Scol
Scoles, D.L., Johnson, Za.W., Hayden, J.W., Pickett, D.F., Jr. Evaluation of overcharge protection life in nickel cadmium cells with nonnylon separators 61065
Scoles, D.L. *see* Kulin, T.M. 60997
Scolfaro, L.M.R. *see* Lino, A.T. 32004
Scolfaro, L.M.R. *see* Teles, L.K. 2014
Scopinaro, F. *see* de Notaristefani, F. 28228
Scott, A. *see* Bonushkin, Y. 31719
Scott, A. *see* Kim, K. 47126
Scott, A.C. *see* Benabdallah, A. 23413
Scott, B. *see* Jiang, W.-D. 59974
Scott, B.N. *see* Slaten, D.M. 36846
Scott, C.A., Drane, C.R. Characterising empirical information sources concerning motor vehicles 58508
Scott, C.G. *see* Aperathitis, E. 51578
Scott, C.J., Rozental, S., McBride, A., Davies, S., Biggar, M., Del Papa, J., Johannessen, M. Telstra's ADSL pilot network – an end-to-end solution for digital interactive service support 47405
Scott, D. Comparative advantage through manufacturing execution systems 39718
Scott, D. *see* Feighery, P. 59868
Scott, D. *see* McFadden, J.D.O. 43956
Scott, D.H. *see* Henley, F.J. 17663
Scott, D.H.T. *see* Amoore, J.N. 49404
Scott, G. *see* Bernard, S. 19110
Scott, G. *see* Karnett, M. 43311
Scott, G. *see* Morgan, P. 7984
Scott, G.P. OK Menga power station–Papua New Guinea 19590
Scott, H.H. Interactive on-line manufacturing and repair system (io-MARS) 30124
Scott, J., Rathmell, J.G., Parker, A., Sayed, M. Pulsed device measurements and applications 27389
Scott, J.C. *see* Carter, S.A. 55461
Scott, J.C. *see* Karg, S. 13875
Scott, J.D. *see* Vladimirsky, Y. 42805
Scott, J.F. Device physics of ferroelectric memories 43596
Scott, J.F. *see* O'Sullivan, R.A. 4015
Scott, J.S. *see* Allen, S.J. 12488
Scott, K., Bambos, N. Routing and channel assignment for low power transmission in PCS 47716
Scott, L.J. Engineers for the 21st Century [education scheme] 39612
Scott, L.W. *see* Dubaniewicz, T.H., Jr. 39482
Scott, M. *see* Davern, P. 24781
Scott, M. *see* Hendricks, K. 11231
Scott, M. *see* McFarlane, J. 16674
Scott, M.J. *see* Christy, D.H. 18305
Scott, P.D. *see* Young, S.S. 35290
Scott, P.D. *see* Young, S.S. 56780
Scott, P.J. Characterization of 3D surface roughness 58999
Scott, P.M., Hauptfleisch, E., Schuessler, P.W., Long, R. Elimination of ozone depleting chemicals through implementation of cleanable low solids/no clean fluxes on high reliability hardware 52195
Scott, S.D. *see* Goldman, S.A. 46184
Scott, S.J. *see* Anderson, N. 23751
Scott, S.L. *see* Finch, R.P. 7028
Scott, T.C. *see* Ribando, R.J. 20482
Scott, T.D. Interdepartmental and cross university collaboration in the delivery of mathematics in engineering programmes 52055
Scott, T.J., Read, E.G. Modelling hydro reservoir operation in a deregulated electricity market 28824
Scott, T.M. *see* Grant, C.A. 57956
Scott, T.R. *see* Yang, S. 17281
Scott, T.R.D., Peckham, P.H., Kilgore, K.L. Tri-state myoelectric control of bilateral upper extremity neuroprostheses for tetraplegic individuals 18535
Scott, W.R., Jr. *see* Humbert, W.R. 36847
Scotti, G. *see* Minoni, U. 27891
Scotti, R. *see* Weyl-Kuo Wang 43999
Scotti, R.E., Anthony, P.J., Gates, J.V., Goodwin, J., Siebert, D. An integrated opto-electronic transceiver module 44308
Scotti, S. *see* Martelli, F. 24166
Scotto, M. *see* Damiano, J.-P. 4346
Scotto, M. *see* Damiano, J.-P. 24550
Scotty, M. *see* Kalkur, T.S. 23580
Scoville, J., Whitley, G., Ray, R. Semi-active missile simulation: An introduction 8691
Scqueda, F. *see* Lopez-Rivera, S.A. 32816
Scriven, G.J., Leitch, A.W.R., Neethling, J.H., Kozyrkov, V.V., Watters, V.J. The growth of Zn_3As_2 on InP by atmospheric pressure MOVPE 52671
Scrivener, P.L. *see* Laming, R.I. 16829
Scrivens, P.F. *see* Botsford, P.L. 31406
Scrivens, R. *see* Collier, J. 18076
Scrivens, R. *see* Haseroth, H. 49278
Scrivens, R.M. *see* Bourgeois, M. 49273
Scrivner, B.L. *see* Parsey, J.M., Jr. 12028
Scrivner, G.J. *see* Fan, W.C. 28567
Scrobohaci, P.G. *see* Rollins, J.G. 48789
Scrofani, G. *see* Cantatore, F. 9001
Scroggie, A.J. *see* Firth, W.J. 55876
Scroggie, A.J. *see* Martin, R. 4055
Scroggs, J.S. *see* Banks, H.T. 52770
Scruby, G.J. *see* Flockton, S.J. 34752
Scudeller, Y. *see* Lepaludier, V. 44559
Scuderi, V. *see* Calabretta, L. 49145
Scudiere, J.D., Buczek, D.M., Miles, P., Roberts, P., Parker, D., Metra, P., Rahman, M., Von Dollen, D.W. Development and demonstration of a high temperature superconducting power transmission cable system 60402
Scudiere, M.B. *see* Hsu, J.S. 29241
Scudieri, F. *see* Zammit, U. 52923
Scuka, V. *see* Hong Tang 31725
Scull, E. *see* Ali-Ahmad, W.Y. 17215
Scully, B.G., Wintle, H.J., Younsi, A. Surface charge growth on polyethylene terephthalate (PET) 13282
Scully, M.O. *see* Nikonov, D.E. 13957
Scully, M.O. *see* Nikonov, D.E. 33581
Scully, P. *see* Schmitt, N.F. 55187
Scurlock, R.G. *see* Richardson, R.N. 43853
Scutella, M.G. *see* Pallottino, S. 40064
Scyoc, J.M.Van *see* Van Scyoc, J.M.
Scyoc, J.Van *see* Van Scyoc, J.
Szesny, O. *see* Schmidt, F. 13383
Sdeek, D. *see* El-Sayed, M.M. 19409
Se Hwa Chung Saturated fuzzy syntopogenous spaces 30484
Se Hyug Kwon *see* Young Hwan Lee 46845
Se Jin Lee *see* Kyoung Joung Lee 18433
Se June Hong, Hosking, J.R.M., Winograd, S. Use of randomization to normalize feature merits 52453
Se Woo Cheon Application of neural networks to nuclear power plants in Korea 50696
Se-Ang Jang, Young-Bog Kim, Byung-Jin Cho, Jong-Choul Kim Evaluation of double spacer local oxidation of silicon (LOCOS) isolation process for sub-quarter micron design rule 54445
Se-Aug Jang *see* Byung-Jin Cho 42511
Se-Ho Kim, Byoung-Yoon Choi, Young-Hyun Moon An expert system for operator's aids in distribution control center 50544
Se-Jin Ahn *see* Seok-Whan Chung 44149
Se-Jin Jeong *see* Jin-Man Han 1416
Se-Jin Seong *see* In-Ho Hwang 9133
Se-Kwang Park, Sung-June Park A fabrication of polycrystalline silicon pressure sensors for linearity at high temperature range 27444
Se-Kwang Park *see* Ki-Jin Kwon 49445
Se-Yong Oh *see* Tae-Je Cho 216
Se-Young Oh *see* Doo-Hyun Choi 7418
Se-Yun Kim A convenient expression for the diffraction coefficients of a wedge composed of a conductor and a lossless dielectric 14557
Seabaugh, A. *see* van der Wage, P. 41149
Seabaugh, A.C. *see* Beam, E.A., III. 21303
Seabaugh, A.C. *see* Brar, B. 2265
Seabaugh, A.C. *see* Clark, K.P. 54585
Seabaugh, A.C. *see* Randall, J.N. 22896
Seabright, J., Smith, S.G., Vierbicher, H.L. Market conditions affecting energy efficiency investments 28763
Seaby, A.W. *see* Jaukett, R. 8086
Seaford, M., Massie, S., Hartzell, D., Martin, G., Wu, W., Tucker, J., Eastman, L. Subnanometer analysis and modeling of MBE grown InP based MODFETs 54688
Seaford, M. *see* Martint, G.H. 43140
Seaford, M.L., Martin, G., Eastman, L.F., Hartzell, D., Massie, S. Optimization of the spacer layer thickness in AlInAs/InGaAs/InP MODFETs 13019
Seager, C.H. *see* Myers, S.M. 31750
Seager, C.H. *see* Warren, W.L. 3590
Seager, C.H. *see* Warren, W.L. 13205
Seager, C.H. *see* Warren, W.L. 44227
Seah, C.C. *see* Hammons, T.J. 19186
Seah, K.H.W. *see* Lee, K.S. 357
Seah, M. *see* Patel, R. 7896
Seah, M.P. *see* Cumpson, P.J. 48281
Sealock, R.A. Maintenance trending basis for modeling "repair or replace" decision 49951
Sealy, B.J. *see* Apiwatwaja, R. 32130
Sealy, B.J. *see* Chen, S.-M. 54276
Sealy, B.J. *see* Jeynes, C. 12153
Sealy, B.J. *see* Komoda, T. 31753
Sealy, B.J. *see* Kozanecki, A. 12168
Sealy, B.J. *see* Kozanecki, A. 12420
Seaman, C.K., Bradish, T.R. Case for action and new operating vision [Palo Verde power plant] 38555

Seamen, J.F. *see* Sanford, T.W.L. 7753
Seamster, T.L., Redding, R.E., Broach, D.L. Effects of performance strategies on the air traffic control simulation test 59870
Seamster, T.L. *see* Redding, R.E. 60005
Searle, I., Ziola, S. Identification of broadband acoustic emission signals [in structural health monitoring systems] 7302
Searle, R.C. *see* Bird, R.T. 18807
Searle, R.C. *see* Keeton, J.A. 18903
Searle, S.J. Cableship propulsion–from analogue to digital 29807
Searle, T.M. *see* Pavier, M.A. 33244
Searson, P.C. *see* Cao, F. 33230
Seat, J.E., Poppen, W.A., Boone, K., Parsons, J.R. Making design teams work 20498
Seaton, C. *see* Gitin, M. 14039
Seaton, J. Getting systems onto printed circuit assemblies: navigating the path from concepts to successful products 31583
Seatzu, C. *see* Attaianese, C. 9582
Seatzu, C. *see* Attaianese, C. 20142
Seatzu, C. *see* Attaianese, C. 51731
Seba, P. *see* Exner, P. 56113
Sebaa, L.L. *see* Nejad, M.S. 41681
Sebag, M., Schoenauer, M. Mutation by imitation in Boolean evolution strategies 10382
Sebak, A. *see* Ragheb, A. 34285
Sebak, A. *see* Ragheb, H.A. 34145
Sebak, A. *see* Ragheb, H.A. 41389
Sebak, A. *see* Roscoe, D.J. 34410
Sebald, D.J., Van Veen, B.D. Application of MVDR beamforming to reject turbulence noise in a duct 25014
Sebastian, J., Cobos, J.A., Garcia, O., Uceda, J. Small-signal modelling of the half-bridge complementary-control DC-to-DC converter 9348
Sebastian, J., Martinez, J.A., Hernando, M.M., Cobos, J.A., Aldana, F. Power factor correction using zero-current-switched quasi-resonant converters with voltage-follower and multiplier approach control 51226
Sebastian, J. *see* Aguilar, C. 9344
Sebastian, J. *see* Cobos, J.A. 9345
Sebastian, J. *see* Cobos, J.A. 40914
Sebastian, J. *see* Cobos, J.A. 40919
Sebastian, J. *see* Dos Reis, F.S. 51223
Sebastian, J. *see* Dos Reis, F.S. 60877
Sebastian, J. *see* Erber, G. 55670
Sebastian, J. *see* Hernandez, M. 9346
Sebastian, J. *see* Martinez, A. 51375
Sebastian, J. *see* Maset, E. 51203
Sebastian, J. *see* Rodriguez, E. 51206
Sebastian, J. *see* Simonetti, D. 9347
Sebastian, J. *see* Simonetti, D. 51157
Sebastian, J.L. *see* Munoz, S. 53580
Sebastian, J.S. *see* Trottier, T.A. 55417
Sebastian, M.T. *see* Sreemoolanadhan, H. 1692
Sebastian, P.J., Narvaez, J. Photosensitive ZnCdS nanoparticles in a CdS matrix formed by high temperature sintering of ZnS and $CdCl_2$ in argon 31810
Sebastian, P.J., Ocampo, M. A photodetector based on ZnCdS nanoparticles in a CdS matrix formed by screen printing and sintering of CdS and $ZnCl_2$ 7349
Sebastian, P.J., Quintana, J., Avila, F. Retention of the high optical absorptance in thermally aged black chrome on variably sensitized Cu 43882
Sebastian, P.J. *see* Calixto, E. 40504
Sebastian, P.J. *see* Narvaez, J. 22264
Sebastiani, G., Godtliebsen, F. On the use of Gibbs priors for Bayesian image restoration 56711
Sebastiani, M. *see* Di Gaspare, L. 2119
Sebastiao de Andrade, E., Martins, D.C., Barbi, I. Isolated three-phase rectifier unit with high power factor 51298
Sebayashi, K., Uose, H. ATM multicast communications method with receiver-initiated QoS guarantee 26353
Sebbahi, A., Herment, A., De Cesare, A., Mousseaux, E. Multimodality cardiovascular image segmentation using a deformable contour model 59486
Sebban, S. *see* MacPhee, A.G. 13967
Sebe, N. Tree grouping per HDLA-models 43227
Sebek, A. *see* Carrie, J. 35944
Sebenne, C.A. *see* Guziewocz, E. 12528
Sebenne, C.A. *see* Orlowski, B.A. 2249
Sebenne, C.A. *see* Reqqass, H. 793
Seberry, J. *see* Hardjono, T. 24760
Seberry, J. *see* Pieprzyk, J. *(editor)* 20337
Sebes, E.J., Vickers Benzel, T.C. SIGMA: security for distributed object interoperability between trusted and untrusted systems 26109
Sebko, P., Ngu, N.I., Dong, N.L. Correction of the dynamic magnetization curves of cylindrical ferromagnetic testpieces 40725
Sebo, S.A., Casale, E.P., Cedeno, J.R., Tjokrodiponto, W., Akbar, S.A., Sakich, J., Zhao, T. Review of features of fog chamber at the Ohio State University for polymer insulator evaluation 32736
Sebo, S.A. *see* Casale, E.P. 32737
Secades, M.R. *see* Prieto, M.A.J. 4281
Sechen, C. *see* Binghong Guan 1056
Sechen, C. *see* Bingzhong Guan 53087
Sechen, C. *see* Gin Yee 1246
Sechen, C. *see* Yee, G. 2754
Sechi, G. *see* Aiello, S. 1483
Sechi, G.R. *see* Alderighi, M. 25038
Sechi, G.R. *see* Mojoli, G.A. 31254
Secker, D.A., Prince, J.L. Modeling of simultaneous switching ground noise for gallium arsenide DCFL drivers 43342
Seckold, J. *see* Blair, D.G. 33204
Seco, M. *see* Folch, A. 52811
Secord, N.P. Interference analysis of a SAW-based group demodulator 47567
Secord, N.P. *see* Esmaeili, M. 4512
Secord, N.P. *see* Esmaeili, M. 56333
Secordi, N.P. *see* Esmaeili, M. 45636
Sedaaghi, M.H. Direct implementation of open-closing in morphological filtering 34772
Sedano, H. *see* Costa, S. 46514
Seddat, M. *see* Krishnan, R. 3197
Seddighnezhad, M. *see* Vasseghi, N. 1443
Seddik, A. *see* Seireg, R.H. 53206
Sedding, H.G. Basics of rotating machine partial discharge testing 60671
Sedding, H.G., Dhirani, H., Klempner, G.S. Investigating the correlation between TGA and conventional online partial discharge measurements 60552
Sedding, H.G. *see* Dhirani, H. 60684
Sedding, H.G. *see* Stone, G.C. 60685
Sedeek, K. *see* Fadel, M. 2074
Sedek, E. New Polish 3-dimensional long range radar TRD-1211 58447
Sedes, F. *see* Djennane, S. 56383
Sedillo, R. *see* Haworth, M.D. 12111
Sedin, G. *see* Olsson, E. 37635
Sedlacek, J.H.C. *see* Grenville, A. 32270
Sedlacek, J.H.C. *see* Rorhschild, M. 22735
Sedlatschek, M. *see* Honda, T. 14368
Sedlazeck, K. Calculation of the temperature distribution in water-cooled stator bars of turbogenerators by means of thermal networks 38701
Sedler, M. *see* Thiede, A. 41131
Sedlmeir, J. *see* Bellwied, R. 59284
Sedlmeir, J. *see* Pandey, S.U. 37293
Sedlov, A.S., Abramov, A.I., Kuzma-Kichta, Yu.A., Komendantov, A.S., Vasin, V.A., Shkondin, Yu.A., Khaziakhmetov, R.M. Environmental protection against waste-water discharge from large industrial and industrial-heating cogeneration power stations equipped with steam converters 38601
Sedov, A. *see* Schmerr, L.W., Jr. 38136
Sedov, S.S. *see* Sherbakov, T.F. 18430
Sedra, A.S. *see* Duncan, R. 53424
Sedukhin, I. *see* Shietung Peng 53341
Sedunov, Yu.N. *see* Veniaminov, A.V. 4126
See, B.A. Measuring laser divergence 55762
See, C.W. *see* Liu, Y. 17822
See, C.W. *see* Sawyer, N.B.E. 7652
See, C.W.S. Comparison of parallelization strategies for simulation of aerodynamics problem 21175
See, K.Y., Freeman, E.M. Modelling finite-size PCBs for radiated EMI analysis 41605
See, P. *see* Collins, C.E. 53635
See Chung Wah *see* Chung Wah See
See-Loke Ho *see* Le-Wei Li 45322
See-May Phoong, Vaidyanathan, P.P. New results on parauunitary filter banks over finite fields 4701
See-May Phoong, Vaidyanathan, P.P. On the study of lossless time-varying filter banks 4791
See-May Phoong, Vaidyanathan, P.P. A polyphase approach to time-varying filter banks 15309
See-May Phoong, Vaidyanathan, P.P. Time-varying filters and filter banks: some basic principles 15333
See-Mong Tan *see* Tin Qian 6196
See-Mong Tan *see* Yongcheng Li 6334
Seebass, M. *see* Wust, P. 8092
Seebauer, E.G. *see* Ditchfield, R. 22495
Seeber, W. *see* Petrov, V. 55572
Seeberg, B.E. *see* Lokberg, O.J. 4098
Seeboth, A. Gel dispersed liquid crystals–a new material for displays 13735
Seed, A.J. *see* Robinson, W.K. 44108
Seedhouse, A. UK fast jet IR systems evolution: a ten year update 37956
Seeds, A.J. Microwave opto-electronics 58317
Seeds, A.J. *see* Bordonalli, A.C. 23897
Seeds, A.J. *see* Cai, B. 58276
Seeds, A.J. *see* Liu, C.P. 33274
Seeds, D. *see* Henderson, R. 38917
Seegar, W.S., Cutchis, P.N., Fuller, M.R., Suter, J.J., Bhatnagar, V., Wall, J.G. Fifteen years of satellite tracking development and application to wildlife research and conservation 36286
Seegenschmied, M.H. *see* Roos, D. 18512
Seegenschmiedt, H. *see* Keilholz, L. 59766
Seeger, A. *see* Umbach, A. 3650
Seeger, D. *see* Nouragas, P. 59968
Seeger, K. *see* Tada, T. 42588
Seeger, M., Kronmueller, H. High-tech permanent magnets 32876
Seeger, M., Podoleanu, A., Solomon, C.J., Jackson, D.A. 3-D low-coherence imaging for multiple-layer industrial surface analysis 17791
Seeger, M. *see* van Lier, J. 55023
Seehyun Kim, Wonyong Sung Finite wordlength effects analysis and wordlength optimization of a multiplier-adder based 8×8 2D-IDCT architecture 502
Seehyun Kim, Wonyong Sung Optimum wordlength determination of 8×8 IDCT architectures conforming to the IEEE standard specifications 1217
Seehyun Kim, Wonyong Sung Fixed-point error analysis and wordlength optimization of a distributed arithmetic based 8×8 2D-IDCT architecture 35069
Seehyun Kim *see* Min-Seop Jeong 56302
Seek Choi Jin *see* Jin Seek Choi
Seek Park Dong *see* Dong Seek Park
Seek-Ho Kang *see* Yong-Jae Lee 42864
Seek-Min Yun *see* Jung-Hyung Kim 14621
Seek-Rim Choi *see* Joo-Hee Moon 35197
Seel, M., Wildermuth, E., Zinth, W. A multichannel detection system for application in ultra-fast spectroscopy 58738
Seel, S. *see* Ruoso, G. 14058
Seel, S. *see* Storz, R. 3806
Seel, S. *see* Storz, R. 24048
Seelander, J. Subadditive duality in multiobjective integer linear programming 10342
Seelen, W.von *see* von Seelen, W.
Seeley, C. *see* Hartzell, A. 42491
Seelig, W. *see* Dornik, M. 59164
Seeliger, W. *see* Schaaf, N.-S. 19949
Seeling, K. Reconfiguration in an integrated avionics design 49922
Seelmann-Eggebert, M. *see* Baars, J. 42425
Seelmann-Eggebert, M. *see* Keller, R.C. 2342
Seelmann-Eggebert, M. *see* Zimmermann, H. 701
Seely, J.F., Kowalski, M.P., Cruddace, R.G., Rife, J.C., Barbee, T.W., Jr., Hunter, W.R., Holland, G.E. High-efficiency holographic ion-etched gratings with multilayer coatings and operating on-blaze at normal incidence in the 125-300 Å range 24297
Seeman, J. *see* Heifets, S. 49221
Seemann, K. *see* Body, C. 43724
Seemann, T. *see* Pinnau, H. 9713
Seen-Ok Yang, Hyung-Il Choi Interactive visual knowledge acquisition for hand-gesture recognition 46175
Seepold, R. *see* Kunzmann, A. 11251
Seering, W.P. *see* O'Connor, D.N. 61244
Seery, B.D., Cramer, D.B., Stevens, C., Lencioni, D. EO-1: NASA's first New Millennium Earth Orbiting Mission 60094
Sees, J., Hall, L., Prasad, J., Schleisman, A., Niccoli, J. Contamination effects on oxide breakdown properties [wafer cleaning] 42451
Sees, J. *see* Prasad, J. 42526
Sees, J.A. *see* Hall, L.H. 2356
Seesselberg, M. *see* Schmitz, G.J. 30692
Seestrom, S.J. *see* Morris, C.L. 946
Seez, C. *see* Alexeev, G. 59200
Sefczek, D.M. *see* Kasales, C.J. 59455
Sefczek, R.J. *see* Kasales, C.J. 59455
Seffar, A., Fontcuberta, J., Martinez, B., Garcia-Munoz, J.L., Pinol, S., Obradors, X. Giant magnetoresistance in ceramic perovskites La-L-Ca-MnO (L=Y,Gd) 3145
Sefler, G.A. *see* Hong, J.H. 56498
Sefton, M., Yavas, A. Abreu-Matsushima mechanisms: experimental evidence 10267
Sega, R.M. *see* Enloe, C.L. 44912
Segal, J., Plummer, J., Kenney, C. Simulation of charge cloud evolution in silicon drift detectors 59288
Segal, J. *see* Iwanczyk, J.S. 37343
Segal, M.E. *see* Elnozahy, E.N. 6079
Segal, V.M. *see* Edgecumbe Summers, T.S. 52836
Segan, S.A. *see* Weiping Li 35188
Segan, S.A. *see* Weiping Li 56952
Segard, B. *see* Lecoeuche, V. 23791
Segard, B. *see* Lecoeuche, V. 23816
Segard, B. *see* Zemmouri, J. 23776
Segarich, P. *see* Lovati, V. 9609
Segarich, P. *see* Marchesoni, M. 9579
Segarich, P. *see* Marchesoni, M. 29727
Segawa, J., Endo, K. The PHS wireless local loop (WLL): expansion of PHS wireless local loop overseas 6499
Segawa, M., Kimura, M., Ooi, K., Sugi, S. A new CCD package utilizing the TOG (TAB on glass) bonding method 27654
Segawa, M., Yabu, T., Arai, M., Moriwaki, M., Umimoto, H., Sekiguchi, M., Kanda, A. A 0.18 μm Ti-salicided p-MOSFET with shallow junctions fabricated by rapid thermal processing in an NH_3 ambient 43025
Segawa, M. *see* Hori, A. 43295
Segawa, M. *see* Uehara, T. 2803
Segawa, N. *see* Maoka, T. 61063
Segawa, S. *see* Nakao, K. 12617
Segawa, S. *see* Ochi, H. 11752
Segawa, Y. *see* Izawa, T. 3774
Segawa, Y. *see* Komatsu, R. 14284
Segawa, Y. *see* Morgan, B.A. 22435
Segawa, Y. *see* Sarukura, N. 3752
Segel, R.E. *see* Harss, B. 49275
Segen, J., Pingali, S. A camera-based system for tracking people in real time 5593
Segen, J. *see* Pingali, S. 25457
Segerberg, T. *see* Hedemalm, P. 11883
Segers, P., Coomans, I., Verdonck, P., Stergiopulos, N. In vitro evaluation of an extended pulse pressure method for the estimation of total arterial compliance 37598
Segev, M. *see* Berryman, K.W. 42223
Segev, M. *see* Hongxing Meng 55853
Segev, M. *see* Ming-Feng Shih 44741
Segev, M. *see* Zhigang Chen 14324
Segev, M. *see* Zhigang Chen 55864

Seggern, H.von *see* von Seggern, H.
Seghers, J. *see* Perez, L.C. 24685
Seghier, A. *see* Mozelle, G. 15934
Seghier, D. Identification of deep defects in high-resistivity undoped LEC-GaAs irradiated with protons 12261
Seghrouchni, Z., El Chahal, L., Mosser, A., Ehret, G. HRTEM study of AlN formed by nitrogen implantation in Al films 40492
Segieth, C. The 12X high power locomotive 9647
Sego, S., Culbertson, R.J., Bair, A.E., Alford, T.L. Comparison between predicted strain values using elastic theory and experimental strain values for SiGeC alloy films grown on Si(001) 21289
Segovia, P., Castro, G.R., Mascaraque, A., Prieto, P., Kim, H.J., Michel, E.G. Origin of the surface metallization in single-domain K/Si(100)2×1 22623
Seguchi, T., Yagi, T., Mitsui, H., Masumoto, H., Shiono, T., Ushiki, M.., Nakamura, H., Ono, S.-I., Chou, T. Electrical and mechanical properties of coaxial cable for use under high temperature and radioactive conditions 58089
Seguchi, T. *see* Yamanaka, S. 19451
Seguchi, T. *see* Yamanaka, S. 32726
Seguin, B., Gosse, J.P. Calorimetric determination of electrical losses in capacitors 58953
Seguin, F.H., Petrasso, R.D., Chi Kang Li Radiation-hardened X-ray imaging for burning-plasma tokamaks 37567
Seguin, G. *see* Al-Mahdawi, T. 34199
Seguin, G. *see* Wood, P.J. 34463
Seguin, G.E. The algebraic structure of codes invariant under a permutation 4505
Seguin, G.E., Fournier, S. The dual of a turbo block code 45631
Seguin, H.J.J. *see* Bilida, W.D. 3924
Seguin, R.J., Whitledge, T.E. Development of a field ammonia monitor using a gas sensing electrode: comparison with colorimetric methods and an ammonium ion selective electrode 50203
Seguinot, J. *see* Weilhammer, P. 37429
Segura, A. *see* Cruz, J.L. 33028
Segura, A. *see* Errandonea, D. 22284
Segura, A.N., Sanchez, P.B. Experimental measurement of non-characteristic harmonic power generated by thyristor pulse-controlled AC/DC three phase converters 9387
Segura, J., De Benito, C., Rubio, A., Hawkins, C.F. A detailed analysis and electrical modeling of gate oxide shorts in MOS transistors 2640
Segura, J. *see* Riggs, V.G. 47691
Seh-Joon Dokko, Sung-Hyun Yun, Tai-Yun Kim Development of multimedia E-mail system providing an integrated message view 57774
Sehgal, C.S. *see* Bankapur, R.J. 16431
Sehgal, H.K. *see* Swain, P.K. 30882
Sehgal, S.K. *see* Siu Lun Ma 56295
Sehier, P. *see* Bergogne, C. 26672
Sehili, M.T. *see* Takakura, Y. 48906
Sehm, T., Lehto, A., Raisanen, A.V. Matching of a rectangular waveguide T junction with unequal power division 41401
Sehmbey, M.S. *see* Chow, L.C. 22808
Sehn-Chaun Tai *see* Yih-Chuan Lin 5659
Sehun Kim, Dongwoo Kim Optimum transmitter power control in cellular radio systems 58140
Sehyeong Cho SCE as a CASE: an extendible service creation architecture 26297
Sei Seung Yoon *see* Jin-Man Han 1416
Sei-Chan Kim *see* Duk-Heon Kim 51672
Sei-Hoon Lee, Chang-Jong Wang MediaADE: MHEG-based multimedia/hypermedia application development environment 6304
Sei-Hyun Lee *see* Jong-Wan Park 52776
Sei-Ichiro Kamata An address generator of an N-dimensional Hilbert scan 57480
Sei-Joo Jang *see* Jones, F.G. 4193
Sei-Wang Chen *see* Dar-Chin Rau 47378
Sei-Yeu Cheng, Evans, J.B. Implementation of signal power estimation methods 31322
Seibel, J. *see* Lao, Z. 31202
Seibel, J. *see* Lao, Z. 48001
Seibert, F. *see* Handels, H. 37933
Seibert, J.A. *see* Boone, J.M. 8028
Seibert, J.A. *see* Tong Yu 49421
Seibert, M. *see* Baxter, R.A. 6947
Seibert, M.C. *see* Waxman, A.M. 17511
Seibert, M.C. *see* Waxman, A.M. 25546
Seibilia, R. *see* Prestifilippo, P. 51299
Seibt, M. Self-interstitial supersaturation during Ostwald ripening of end-of-range defects in ion-implanted silicon 22531
Seibt, M. *see* Gaiseanu, F. 42420
Seibt, M. *see* Tromson-Carli, A. 40478
Seid, W.D. Spectrum monitoring the ITU way 48210
Seide, F. *see* Kellner, A. 46972
Seidel, A.G. Houston Lighting and Power's experience with on-line partial discharge tests 60683
Seidel, B., Koerber, C., Behler, K., Beyer, E. A new method for process monitoring in high power simultaneous laser beam welding 20274
Seidel, B.S. *see* Faubel, W. 28664
Seidel, D. *see* Menz, W. 32584
Seidel, D. *see* Tjoelker, R.L. 27324
Seidel, D.J., Wo Yei, Maleki, L. Two different atomic oscillators in the same environment: a new technique for compensating perturbations 27335
Seidel, F. *see* Berg, H.P. 50735
Seidel, K. *see* Datcu, M. 16951
Seidel, M., Adolphsen, C., Fowkes, W.R., Hanna, S.M., Hoag, H.A., Jones, R., Ko, K., Kroll, N., Loewen, R.J., Miller, R.H., Pearson, C., Ruth, R.D., Wang, J.W., Whittum, D.H. Microwave analysis of the damped detuned accelerator structure 49050
Seidel, M. *see* Miller, R.H. 49048
Seidel, M. *see* Ruth, R.D. 49165
Seidel, P. *see* Belousov, I. 43739
Seidel, P. *see* Brabetz, S. 49415
Seidel, P. *see* Heinz, E. 43803
Seidel, P. *see* Kaiser, G. 43817
Seidel, P. *see* Nowak, H. 49514
Seidel, P. *see* Pivarc, J. 43810
Seidel, P. *see* Weidl, R. 49568
Seidel, S., Mann, G. High average power frequency conversion with phase conjugated laser systems 14034
Seidel, S. *see* Antos, J. 37373
Seidel, S.C., Bruner, N.L., Frautschi, M.A., Hoeferkamp, M.R., Patton, A. Studies of double-sided silicon microstrip detectors 37387
Seidel, S.Y. *see* Hsing, T.R. 5921
Seidel, T., Zhao, B. 0.1 μm interconnect technology challenges and the SIA Roadmap 42737
Seidel, T.E. *see* Zhao, B. 2438
Seidel, T.E. *see* Zhao, B. 22622
Seidel, T.E. *see* Zhao, B. 32242
Seidel, T.E. *see* Zhao, B. 42664
Seidel, T.E. *see* Zhao, B. 42682
Seidel, U., Ton Thi Ngoc Lan, Walther, H.-G., Schmitz, B., Geerkens, J., Goch, G. Quantitative characterization of material inhomogeneities by thermal waves 40744
Seidel, U., Walther, H.G. The influence of the spectral emissivity on the signal phase at photothermal radiometry 7326
Seidel, V. *see* Bocking, S. 46795
Seidel, W., Krebs, O., Voisin, P., Harmand, J.C., Aristone, F., Palmier, J.F. Band discontinuities in $In_xGa_{1-x}As$-InP and InP-$Al_yIn_{1-y}As$ heterostructures: evidence of noncommutativity 42075
Seiden, A. Silicon tracking at high luminosity colliders 59258
Seiden, A. *see* DeWitt, J. 59243
Seiden, A. *see* Dubbs, T. 59292
Seiden, A. *see* Sadrozinski, H.F.W. 37399
Seiden, A. *see* Unno, Y. 37395
Seidenschwann, K. *see* Hinkelmann, K. 6174
Seidl, A., Marten, R., Mueller, G. In situ investigation of oxygen distribution and transport in Czochralski silicon melts by electrochemical solid ionic sensors 10646
Seidl, P. *see* Faltens, A. 27993
Seidl, P.A. *see* Celata, C.M. 59132
Seidleck, C. *see* LaBel, K.A. 49857
Seidleck, C.M. *see* LaBel, K.A. 21696
Seidleck, C.M. *see* LaBel, K.A. 43327
Seidlein, R.V. *see* Allison, W.W.M. 37269
Seidman, A. *see* Baschirotto, A. 32565
Seidman, A. *see* Croitoru, N. 59247
Seidman, A. *see* Haruvi-Busnach, I. 3017
Seidman, D.I. *see* Bisdikian, C. 6360
Seidman, L.P. Satellites for wideband access 6687
Seidner, I. *see* Biran, G. 16161
Seier, F. *see* Fu, Q. 3755
Seif, M.A. Mechatronics: an interdisciplinary course for engineering students 20630
Seifert, F.M., Kietzmann, H., Zink, M. Monitoring central European forests using SIR-C/X-SAR data 27035
Seifert, G. *see* Hessenmuller, H. 58029
Seifert, G. *see* Schoess, J.N. 18597
Seifert, J.M., Karner, H.C. Epoxy resin insulations for open-air installations–degradation effects and their influences on lifetime 23232
Seifert, J.M., Karner, H.C. Dielectric diagnostic of moisture induced degradation processes in mineral reinforced high-voltage composite insulation 43535
Seifert, M. Modeling EM effects in multichip modules 41709
Seifert, M. *see* Rudolph, P. 52595
Seifert, M.F. *see* Erickson, G.J. 52271
Seifert, O. *see* Rau, U. 39120
Seifert, W., Carlsson, N., Johansson, J., Pistol, M.-E., Samuelson, L. In situ growth of nano-structures by metal-organic vapour phase epitaxy 40320
Seifert, W., Carlsson, N., Miller, M., Pistol, M.-E., Samuelson, L., Wallenberg, L.R. In-situ growth of quantum dot structures by the Stranski-Krastanow growth mode 40372
Seifert, W., Kittler, M., Vanhellemont, J. EBIC study of recombination activity of oxygen precipitation related defects in Si 31773
Seifert, W. *see* Carlsson, N. 40336
Seifert, W. *see* Knobloch, K. 39037
Seifert, W. *see* Ramvall, P. 22374
Seiferth, F. *see* Johnson, F.G. 55712
Seiferth, J.C. *see* Barker, J.L. 8306
Seiffert, M. *see* Gaier, T. 41485
Seiffert, U. *see* Michaelis, B. 15540
Seiffert, U. *see* Michaelis, B. 57545
Seigal, P.K., Briggs, R.D., Rieger, D.J., Baca, A.G., Howard, A.J. Adhesion studies of GaAs-based ohmic contact and bond pad metallization 42286
Seigel, R.R. *see* Dahint, R. 36727
Seiichiro Ikehata *see* Ikehata Seiichiro
Seiji Kondo *see* Toshihiko Noguchi 38723
Seikel, G.R. *see* Jackson, W.D. 18731
Seikovskii, I.D. *see* Zhikharev, V.N. 2929
Seiler, D.G. *see* Kim, J.S. 1997
Seiler, F.P. *see* Hine, N. 6172
Seiler, H. The legal implementation of regional safety planning: taking into account the risk based regulation approach 30093
Seiler, P.G. *see* Adam, A. 37280
Seiler, R., Schenkel, M., Eggimann, F. Off-line cursive handwriting recognition compared with on-line recognition 15557
Seilmeier, A. *see* Heinz, P. 44424
Seim, H., Nieminen, M., Niinisto, L., Fjellvag, H., Johansson, L.-S. Growth of $LaCoO_3$ thin films from β-diketonate precursors 52715
Seino, H., Watanabe, K., Oshima, H., Kato, K., Takizawa, H., Yoshioka, H., Azakami, M. The Maglev bogie system developments for the Yamanashi Test Line 20159
Seino, K. *see* Aono, T. 27898
Seino, M. *see* Nakazawa, T. 26933
Seino, S., Yamaguchi, A., Kozono, S. Received signal-level distribution of wideband transmission in mobile communications 58170
Seino, S. *see* Suzuki, A. 11941
Seino, T., Watanabe, M., Sato, K., Hioki, S. Analysis of resistance change of thick film resistor by electric pulse loading 21982
Seinsch, H.O. *see* Rust, S. 60765
Seip, R., VanBaren, P., Simon, C., Ebbini, E.S. Non-invasive spatio-temporal temperature estimation using diagnostic ultrasound 28201
Seip, R. *see* Simon, C. 18350
Seip, R. *see* VanBaren, P. 18519
Seireg, R., Vacroux, A. Comparing the dynamic behavior between LFSRs and counting techniques 53207
Seireg, R. *see* Abdel-Azeem, E. 56299
Seireg, R.H., Ghoniemy, M.S., Bahgat, S.F., Seddik, A. Improving the performance of compact signature analysis using LFSR 53206
Seising, R. *see* Arnold, W. 16131
Seising, R. *see* Hellendoorn, H. 46627
Seitchik, J. *see* Aton, T. 1354
Seitova, G.E. Method of weighted ranking for designing testable sequential digital circuits 53105
Seitz, D. *see* Shutt, T. 37472
Seitz, J. *see* Carle, G. 46874
Seitz, P. Smart image sensors: an emerging key technology for advanced optical measurement and microsystems 27646
Seitz, P. *see* Engelhardt, K. 17241
Seitz, P. *see* Spirig, T. 53350
Seitz, P. *see* Spirig, T. 58849
Seitz, R. *see* Hauenschild, J. 16486
Seitz, S.M., Dyer, C.R. Toward image-based scene representation using view morphing 5055
Seixas, F.J.M.de *see* de Seixas, F.J.M.
Seixas, P.F. *see* Peixoto, Z.M.A. 60706
Seiya, Y. *see* Hara, K. 37400
Sejin Han, Theunissen, L. Encapsulation: a modelling approach 10068
Sejnowski, T.J. *see* Makeig, S. 59631
Sejnowski, T.J. *see* Tzyy-Ping Jung 18468
Sek, G., Misiewicz, J., Kaniewska, M., Reginski, K., Muszalski, J. Photoreflectance investigations of GaAs/AlGaAs complex structures 54215
Sek, G. *see* Misiewicz, J. 2134
Seka, W. *see* Boehly, T.R. 14059
Seka, W. *see* Boehly, T.R. 14086
Seka, W. *see* Okishev, A. 27558
Sekar, K. *see* Satyam, P.V. 32066
Sekar, K. *see* Satyam, P.V. 32067
Sekar, K. *see* Sundaravel, B. 30810
Sekatskii, S.K. *see* Konopsky, V.N. 53924
Sekatskii, S.K. *see* Konopsky, V.N. 53925
Sekel, S. Differential measurements accurately catch signals–without risking your life 27776
Sekelsky, S.M. *see* Lohmeier, S.P. 50062
Sekelsky, S.M. *see* Mead, J.B. 8437
Seker, S.S., Altay, B. Shielding properties of thin curved surfaces 45234
Sekercioglu, Y.A. *see* Pitsillides, A. 25856
Sekhar, C.Chandra *see* Chandra Sekhar, C.
Sekhar, P., Srinivas, S. An innovative concept in LV motor protection 9163
Seki, A., Osada, Y., Kitano, J., Miyamoto, S. Dynamics of the bogie of a maglev system with guideway irregularities 9642
Seki, H., Takemori, S., Sato, T. Measurement of losses and saturated permeability of saturable cores under submicrosecond saturation 13463
Seki, H. *see* Koukitu, A. 30737
Seki, H. *see* Koukitu, A. 40362
Seki, I., Nakashi, K., Ushida, M., Taniguchi, K. A design of first-order delay-line DPLL in 1.2 μm CMOS technology 53387
Seki, J., Sasaki, Y., Oyama, T., Yamamoto, J. Fiber-optic laser-Doppler anemometer microscope applied to the cerebral microcirculation in rats 49536
Seki, K. *see* Hiraki, M. 11477
Seki, K. *see* Mizoguchi, M. 6613
Seki, M., Obara, K., Maebara, S., Ikeda, Y., Imai, T., Nagashima, T., Goniche, M., Brossaud, J., Barral, C., Berger-By, G., Bibet, Ph., Poli, S., Rey, G., Tonon, G. Performance test of lower hybrid waveguide under long/high-RF power transmission 11644

Seki, M. *see* Kakimoto, N. 60230
Seki, R. *see* Nagashima, Y. 49349
Seki, S. *see* Nakajima, H. 52832
Seki, S. *see* Yamada, H. 26428
Seki, T., Sato, H., Seki, T., Tanaka, T., Watanabe, H. Decentralized autonomous object-oriented EMS/SCADA system 60236
Seki, T., Uehara, K., Kagoshima, K. 30-GHz multibeam antenna using bi-layer Butler matrix circuits 24572
Seki, T., Uehara, K., Kagoshima, K. 30 GHz multibeam antenna using bi-layer Butler matrix circuits 56204
Seki, T. *see* Knobloch, H. 23596
Seki, T. *see* Seki, T. 60236
Seki, T. *see* Shibuya, M. 29362
Seki, T. *see* Tokiguchi, K. 42290
Seki, T. *see* Uehara, K. 26140
Seki, Y., Sato, K., Oda, O. Solution growth of ZnTe single crystals by the vertical Bridgman method using a hetero-seeding technique 30699
Seki, Y. *see* Ezure, H. 29905
Seki, Y. *see* Sato, S. 28083
Seki, Y. *see* Shikata, S. 13376
Seki, Y. *see* Shimizu, S. 28082
Seki, Y. *see* Takahashi, Y. 12921
Seki, Y. *see* Tanabe, H. 2478
Seki, Y. *see* Ueno, K. 2571
Seki, Y. *see* Ueno, K. 31921
Seki, Y. *see* Ushioda, J. 32252
Seki, Y. *see* Watanabe, M. 51496
Seki, Y. *see* Yamamoto, Y. 59613
Sekic, K. *see* Miyamoto, M. 2800
Sekido, S. *see* Jinno, K. 61307
Sekigawa, K. *see* Kanai, Y. 22653
Sekigawa, T. *see* Sakata, I. 31869
Sekiguchi, A., Sensu, Y., Matsuzawa, T., Minami, Y. Measuring system for diffusion length of photoactive compound in post-exposure bake process 42895
Sekiguchi, A. *see* Ogawa, T. 2499
Sekiguchi, A. *see* Ogawa, T. 32253
Sekiguchi, H., Nishimura, T. Development of LCD glass panel handling "4-axis-type" clean room robots 20815
Sekiguchi, H. *see* Nakajima, H. 7024
Sekiguchi, H. *see* Ozaki, K. 43187
Sekiguchi, H. *see* Takami, K. 26652
Sekiguchi, K. *see* Ban, H. 59404
Sekiguchi, K. *see* Enomoto, T. 3921
Sekiguchi, K. *see* Kitazawa, T. 61292
Sekiguchi, K. *see* Tanabe, T. 27667
Sekiguchi, M., Yamanaka, M., Fujii, T., Fukumoto, M., Mayumi, S. Effect of thin tungsten oxide on resistance increase in annealed aluminum/chemical vapor deposited tungsten interconnects 42654
Sekiguchi, M. *see* Hori, A. 43295
Sekiguchi, M. *see* Segawa, M. 43025
Sekiguchi, M. *see* Yamauchi, J. 23559
Sekiguchi, M. *see* Yamauchi, J. 24525
Sekiguchi, N., Tani, T. Fundamental study on photovoltaic/fuel cell power hybrid system (characteristic of system utilized hydrogen absorbing alloys) 60588
Sekiguchi, S., Sato, M. World-wide computing infrastructure: global and local partnership 47065
Sekiguchi, S., Takahashi, N., Takebe, T. Parasitic-insensitive switched-capacitor variable allpass filters having small total capacitor value 53422
Sekiguchi, S. *see* Kato, T. 51866
Sekiguchi, T., Kimoto, K., Aoyama, T., Mitsui, Y. Two-dimensional boron analysis in borophosphosilicate glass film using transmission electron microscope with imaging filter 36959
Sekiguchi, T., Miura, R., Karasawa, Y. Beamspace adaptive array antenna for broadband signals 45444
Sekiguchi, T., Miura, R., Klouche-Djedid, A., Karasawa, Y. A method of designing two-dimensional complex coefficient FIR digital filters used for broadband digital beamforming antennas by combination of spectral transformation and window method 21814
Sekiguchi, T., Ohashi, N., Terada, Y. Effect of hydrogenation on ZnO luminescence 55397
Sekiguchi, T., Sumino, K., Radzimski, Z.J., Rozgonyi, G.A. Cathodoluminescence and EBIC study on misfit dislocations in SiGe/Si heterostructure 31950
Sekiguchi, T. *see* Akimoto, K. 28969
Sekiguchi, T. *see* Awano, Y. 22393
Sekiguchi, T. *see* Fujisawa, H. 1390
Sekiguchi, T. *see* Fujisawa, H. 53293
Sekiguchi, T. *see* Hara, T. 36249
Sekiguchi, T. *see* Hayashi, K. 41835
Sekiguchi, T. *see* Klouche-Djedid, A. 45726
Sekiguchi, T. *see* Miyazawa, I. 10303
Sekiguchi, T. *see* Nam, C.W. 42583
Sekiguchi, T. *see* Sakata, T. 1391
Sekiguchi, T. *see* Shen, B. 41880
Sekiguchi, T. *see* Takasaki, Y. 7078
Sekiguchi, T. *see* Yoo, W. 17779
Sekii, Y. Initiation and growth of electrical trees in LDPE generated by impulse voltage 43529
Sekikawa, H. *see* Nohira, H. 2380
Sekimoto, H. *see* Hanazawa, M. 11037
Sekimoto, H. *see* Ishizaki, A. 13350
Sekimoto, H. *see* Ishizaki, A. 54995
Sekimoto, H. *see* Kotama, M. 13324
Sekimoto, H. *see* Uchida, T. 13363
Sekimoto, M., Horita, T., Ogata, S. Effects of sampling conditions on chaos analysis 45963
Sekimoto, M. *see* Okada, I. 32297
Sekimoto, M. *see* Saitoh, Y. 22679
Sekimoto, Y., Yoshida, H., Hirota, T., Takano, I., Furuyama, E., Yamamoto, S., Saito, S., Ozeki, H., Inatani, J., Ohishi, M., Cardiasmenos, A.G., Hensel, S.L. Measurements of 220 GHz atmospheric opacity on Mt. Fuji with a radiometer/radome system 14602
Sekimura, M. *see* Koga, A. 23077
Sekine, J. *see* Fujimura, K. 16279
Sekine, J. *see* Saeki, T. 1385
Sekine, K., Imai, H. Counting the number of paths in a graph via BDDs 52505
Sekine, K. *see* Ibaragi, E. 40926
Sekine, K. *see* Kikuchi, N. 56253
Sekine, K. *see* Nagasaku, T. 11193
Sekine, M. *see* Lin, C.-P. 27073
Sekine, M. *see* Mazumder, M.K. 54278
Sekine, M. *see* Taguwa, T. 41156
Sekine, M. *see* Watanabe, H. 54649
Sekine, N., Sogawa, F., Hirakawa, K., Arakawa, Y. Emission and detection of terahertz electromagnetic wave by integrated photoconductive dipole antennas 14756
Sekine, N., Sogawa, F., Hirakawa, K., Arakawa, Y. Emission and detection of terahertz electromagnetic wave by integrated photoconductive dipole antennas 24593
Sekine, S. *see* Hatori, M. 32999
Sekine, S. *see* Kaiho, K. 55074
Sekine, T. *see* Iwasawa, T. 32602
Sekine, Y. *see* Lee, Y. 11220
Sekine, Y. *see* Sakuta, Y. 21783
Sekine, Y. *see* Sakuta, Y. 27886
Sekine, Y. *see* Tada, Y. 28787
Sekine, Y. *see* Yamagishi, S. 30986
Sekine, Y. *see* Yamagishi, S. 59029
Sekino, T. *see* Chihara, K. 44235
Sekioka, S. *see* Morimoto, A. 38680
Sekita, H. *see* Kasamatsu, T. 55558
Sekita, H. *see* Tada, A. 23735
Sekita, H. *see* Yano, J. 54550
Sekita, M. *see* Morita, S. 10599
Sekita, M. *see* Sato, M. 19281
Sekitani, T. *see* Ogawa, T. 32312
Sekiya, H. *see* Akiyama, T. 34775
Sekiya, K. *see* Hoshijima, K. 51283
Sekiya, K. *see* Tsuruta, K. 23199
Sekiya, Y. *see* Takizawa, M. 38913
Sekizawa, K. *see* Eguchi, K. 51522
Sekizawa, M. *see* Takeshita, K. 16165
Sekizawa, S. *see* Moriyama, E. 27440
Sekizawa, S. *see* Taira, K. 47771
Sekka, T. *see* Mori, H. 37762
Sekkat, Z., Knoll, W. Photosensitive organized organic films in the light of bound electromagnetic waves 55153
Sekko, E., Sarri, P., Thomas, G. Robust constrained deconvolution 15403
Sekulic, A., Isgum, V. Nonlinear analysis of EEG in patients with traumatic intracerebral haematoma: pilot study 37794
Sekyung Lee *see* Byoung-Geuk Kim 40737
Sel, C.van der *see* van der Sel, C.
Selan, M., Lehrhofer, J., Friedrich, K., Kordesch, K., Simader, G. Sponge iron: economic, ecological, technical and process-specific aspects [hydrogen storage] 20011
Selbekk, P. Customer care and the Internet 47025
Selberherr, S. *see* Bohmayr, W. 12956
Selberherr, S. *see* Fleischmann, P. 10575
Selberherr, S. *see* Fleischmann, P. 13107
Selberherr, S. *see* Kaiblinger-Grujin, G. 54044
Selberherr, S. *see* Kirchauer, H. 12843
Selberherr, S. *see* Pichler, Ch. 13102
Selberherr, S. *see* Schrom, G. 12977
Selberherr, S. *see* Schrom, G. 43288
Selberherr, S. *see* Simlinger, T. 54703
Selby, V.H. *see* Sanger, G.M. 49936
Sel'chikhin, O.P. *see* Rudakov, T.N. 40869
Selcon, S.J. *see* Fletcher, G.C.L. 18614
Selcow, E.C. *see* Dobrzeniecki, A.B. 8012
Seldin, J.H. *see* Thelen, B.J. 15938
Selegean, H. *see* Varduca, D.F. 29134
Selemir, V.D. *see* Galstjan, E.A. 53978
Selemir, V.D. *see* Vatrunin, V.E. 41794
Selen, M.A. *see* Bergeld, T.J. 59334
Selen, M.A. *see* Bergfeld, T.J. 59333
Selenyi, E. *see* Csertan, G. 53196
Selesnick, I.W., Burrus, C.S. Generalized digital Butterworth filter design 15359
Selesnick, I.W., Burrus, C.S. Exchange algorithms that complement the Parks-McClellan algorithm for linear-phase FIR filter design 34733
Selesnick, I.W., Burrus, C.S. Nonlinear-phase maximally-flat lowpass FIR filter design 45909
Selesnick, I.W., Odegard, J.E., Burrus, C.S. Nearly symmetric orthogonal wavelets with non-integer DC group delay 45918
Seletkov, V.L. A variant of spectral representations of polarized signals 4767
Seleznev, B.V. *see* Zhimov, V.V. 53963
Seleznev, L. *see* Afanas'ev, L. 13935
Seleznev, L. *see* Afanas'ev, L. 14296
Seleznev, L. *see* Afanasev, L. 33362
Seleznev, L.I. *see* Korobkov, V.V. 29094
Seleznev, L.I. *see* Korobkov, V.V. 38614
Seleznev, L.V. *see* Afanasiev, L.A. 4056
Seleznev, V.V. *see* Aliev, M.A. 12188
Self, L.P.L. Object-oriented design of a Windows™ based automated telemetry system 6027
Selfridge, R.H. *see* Warnick, K.F. 20722
Selfridge, R.H. *see* Warnick, K.F. 30047
Selfridge, R.H. *see* Warnick, K.F. 33794
Selicato, L. *see* Fiorini, R.A. 49713
Seligmann, D.D., Mercuri, R.T., Edmark, J.T. Providing assurances in a multimedia interactive environment 47376
Seliktar, Y., Williams, D.B., McClellan, J.H. Evaluation of partially adaptive STAP algorithms on the Mountain Top data set 19008
Selim, F.M. *see* Ghanim, M.H. 30478
Selim Unlu, M. *see* Ozbay, E. 58754
Selinke, R.A. *see* Martins, D.C. 51320
Seliuta, D. *see* Asmontas, S. 58745
Selivanov, A.S., Molotov, E.P., Kozlov, A.N., Kruchkovich, M.M., Kustodiev, V.D., Rogal'siki, V.I., Anpilogov, V.R., Kuz'min, V.K. Engineering electronics for deep-space research 49875
Selivanov, A.S., Tuchin, Yu.M., Novikov, M.V. Russian system for the remote sensing of the Earth 48085
Seliverstov, D. *see* Yoder, M.J. 8674
Selkirk, J. *see* Turner, A.P.F. 27690
Sell, C.F. *see* Motamedi, M.E. 54856
Sellami, L., Kuan Wong, Newcomb, R.W. Semistate description of potassium and sodium channels in hair-cell-type circuits 53473
Sellan, F. *see* Abry, P. 24985
Sellars, M.J. *see* Fisk, P.T.H. 27366
Sellars, M.J. *see* Fisk, P.T.H. 48292
Sellberg, F. *see* Mokhtari, M. 54772
Sellberg, G. *see* Amos, N. 37445
Sellberg, G. *see* Cremaldi, L. 59262
Selle, B. *see* Fenske, F. 777
Seller, P. *see* Iles, G. 18099
Seller, P. *see* Prydderch, M.L. 37503
Seller, U. *see* Schuppen, A. 26555
Selleri, S. *see* Pelosi, G. 33944
Selleri, S. *see* Pelosi, G. 45052
Selleri, S. *see* Pelosi, G. 56025
Sellers, C.H., Hyde, T.A., Branagan, D.J., Lewis, L.H., Panchanathan, V. Microstructure and magnetic properties of inert gas atomized rare earth permanent magnetic materials 32788
Sellers, C.H. *see* Branagan, D.J. 3039
Sellers, G.J. Fiber optic connectors and splices for aircraft applications [using micromachined structures] 59903
Selley, C.J., Baker, S., McKay, R. SMART: improving customer service 35664
Sellin, L.C. *see* Tikkanen, P.E. 49602
Sellin, P.J., Buttar, C.M., Booth, C.N., Manolopoulos, S., Walsh, S., Hill, J.C., Roe, S., Chilingarov, A., Fares, F., Moorhead, G.F., Stapnes, S., Murray, W. Spatial resolution measurements of gallium arsenide microstrip detectors 18095
Sellin, P.J. *see* Berwick, K. 37306
Sellin, R. ATM management with TMN principles 16055
Sellitto, P. *see* Gontrand, C. 43266
Sellmann, D. *see* Clay, P. 49023
Sellmann, D. *see* Grygiel, G. 49016
Sellmyer, D.J., Shan, Z.S., Malhotra, S.S., Al-Omari, I., Liu, Y., Singleton, E.W., Liou, S.H. Physics and applications of complex nanomagnetic materials 55031
Sellmyer, D.J. *see* Kirby, R.D. 55046
Sellmyer, D.J. *see* Malhotra, S.S. 13437
Sellmyer, D.J. *see* Shan, Z.S. 13450
Sellschop, J.P.F. *see* Smallman, C.G. 12649
Sellyey, W.C. *see* Shepard, K.W. 37106
Selmani, A. *see* L'Ecuyer, J. 37565
Selmayr, F. *see* Berndt, W. 19163
Selmi, L., Fischer, B., Ghetti, A., Bez, R. Hot-carriers at low voltages: new experimental evidences and open issues 43018
Selmi, L. *see* Fischer, B. 22858
Selmi, L. *see* Ghetti, A. 43019
Selo, G., Boussert, B., Dimarcq, N., Cerez, P. Optically pumped cesium clock operation with high spectral purity laser diodes 48322
Selove, W. *see* Husby, D. 37509
Seltmann, R. *see* Kuck, H. 13164
Selvaggi, G. *see* Celano, L. 18094
Selvakennedy, S., Ramani, A.K. Analysis of piggybacked token-passing MAC protocol with variable buffer size for WDM star coupled photonic network 25917
Selvakumar, A., Ayazi, F., Najafi, K. A high sensitivity z-axis torsional silicon accelerometer 48486
Selvakumar, C.R. *see* Mohajerzadeh, S. 1985
Selvakumar, C.R. *see* Mohajerzadeh, S. 40397
Selvam, C., Jagadeesh Kumar, V. A simple multiplier and squarer circuit 11618
Selvam, C. *see* Lee, S. 59348
Selvan, B., Green, R.J., Haigh, N.R. Network monitoring for passively split optical fibre networks 58289
Selvan, J.A.A. *see* Fischer, D. 39129
Selvarajan, A., Varma, K.B.R. Growth and characterization of single crystal cored fibers of organic nonlinear optical materials 14405
Selviah, D.R. *see* Chi Ching Chang 55838
Selvidge, C. An fpga stitch up [logic design] 21453
Selvidge, W. *see* Welsh, J. 41211
Selyakov, A.V. *see* Morozov, V.A. 48548
Sem, M.F. *see* Chebotarev, G.D. 3694

Sem, M.F. *see* Kalinchenko, G.A. 13919
Semak, V. *see* Matsunawa, A. 44841
Semancik, L. *see* Mokris, I. 15658
Semancik, S., Cavicchi, R.E., Kreider, K.G., Suehle, J.S., Chaparala, P. Selected-area deposition of multiple active films for conductometric microsensor arrays 10923
Semar, J. *see* Blossfield, K.M. 1879
Semashko, N. *see* Latyshev, L. 18590
Semashko, N. *see* Latyshev, L. 28486
Semashko, V.V. *see* Sarukura, N. 3752
Semba, T., Bates, A.K., Fennema, A.A. Interactions between servo loops of an optical disk drive 51677
Semel, J.S. *see* Sidman, R.D. 28374
Semenchev, A.F. *see* Gavrilyachenko, V.G. 41748
Semenchinsky, S.G. Quantized Hall effect standard for industrial use 27243
Semenchukov, G.A. *see* Lopukhina, E.M. 19729
Semendy, F., Bambha, N., Kim, J.G., Liu, H., Park, R.M. Optical properties of wurtzite-and zinc-blende-GaN films grown by rf plasma-MBE 10806
Semendy, F. *see* Tamargo, M.C. 21243
Semenenko, V.N. *see* Baryshev, Yu.P. 32198
Semenets, T. *see* Pryadko, L. 14462
Semenikhin, V.S. *see* Kovalev, L.K. 60703
Semenikhin, V.S. *see* Kovaliov, L.K. 29266
Semeniouk, I. *see* Alexeev, G. 59200
Semeniouk, V.A., Pilipenko, T.V. Thermoelectric coolers with small response time 39437
Semenov, A., Yakovlev, A., Pastor, E., Pena, M.A., Cortadella, J., Lavagno, L. Partial order based approach to synthesis of speed-independent circuits 53100
Semenov, A. *see* Yakovlev, A.V. 21582
Semenov, A.A. *see* Rusakov, A.I. 23195
Semenov, A.A. *see* Usanov, D.A. 1708
Semenov, A.P., Narkhinov, V.P. A plasma emitter based on a glow discharge in the electrode structure of large-area netted and plate cathodes 18073
Semenov, A.P. *see* Abdulkadyrov, M.A. 58622
Semenov, V., Polyakov, Yu., Schneider, D. Preliminary results on the analog-to-digital converter based on RSFQ logic 31341
Semenov, V. *see* Madsen, K. 1754
Semenov, Yu.I. *see* Aleksandrov, A.V. 49205
Semenov, Yu.S. *see* Yarmonenko, S.P. 49772
Semenova, G.N. *see* Kryshtab, T.G. 42095
Semenova, G.N. *see* Venger, E.F. 48567
Semenova, I. *see* Ludman, J.E. 24049
Semenova, I.V. *see* Dreiden, G.V. 33623
Semenova, I.V. *see* Ludman, J.E. 61086
Semenovich, V.A. *see* Evtukh, A.A. 53923
Semenovich, V.A. *see* Litovchenko, V.G. 41753
Sementina, C. *see* Delogu, C. 56365
Sementsov, D.I. *see* Afanas'yev, S.A. 34060
Semeraro, Q. *see* Sangalli, N. 21113
Semerikov, A.V. *see* Ustinov, V.V. 23350
Semernia, V. *see* Moskalenko, Yu. 59744
Semet, V. *see* Vu Thien Binh 31691
Semi, N. *see* Bashirov, A.E. 56508
Semiat, R. *see* Averbakh, A. 59085
Semin, A.A. *see* Grigoriev, Yu.G. 37914
Semin, M. *see* Nikulin, A. 55098
Semin, Yu.F. *see* Il'kaev, D.R. 32407
Semjonov, S.L. *see* Bubnov, M.M. 13596
Semjonov, S.L. *see* Dianov, E.M. 23812
Semlitsch, H.V. *see* Anderer, P. 49592
Semmache, B. *see* Le Berre, M. 12147
Semmens, J.E., Martell, S.R., Kessler, L.W. New quantitative acoustic micro imaging methods for plastic molding compound characterization 30251
Semnani, S. *see* Shimamura, T. 5705
Semnani, S. *see* Shimamura, T. 25799
Semo, J. *see* Kalonji, N. 26815
Semond, F., Soukiassian, P., Mangat, P.S., Hurych, Z., Di Cioccio, L., Jaussaud, C. Synchrotron radiation study of Cs/carbon-rich β-SiC(100) and Cs/silicon-rich β-SiC(100) surfaces: metallization and interface formation 2239
Semoushikina, S. *see* Jiao, L. 39134
Semoushikina, S. *see* Lihong Jiao 12151
Semprini, R. *see* Bellanca, G. 55822
Semtchinova, O.K. *see* Burnus, M. 17377
Semyagin, B.R. *see* Bert, N.A. 41968
Semyonov, V.C. *see* Grigoriev, Y.A. 53942
Semyonov, Yu.P., Klebanov, I., Rae Duk Lee, Han Jun Kim AC-DC resistor using a bifilar microwire 27288
Semyonov, Yu.P. *see* Rae Duk Lee 27270
Sen, A., Parsai, E.I., McNeeley, S.W., Ayyangar, K.M. Quantitative assessment of beam perturbations caused by silicon diodes used for in vivo dosimetry 37917
Sen, A., Ray, P.C., Das, P.K., Krishnan, V. Metalloporphyrins for quadratic nolinear optics 44685
Sen, A. *see* Chiang, C.-M. 10878
Sen, A. *see* Fries, A. 30389
Sen, A. *see* Huson, M.L. 47550
Sen, A.K. The momentum turbine: a gravitational energy system 50938
Sen, B.K., Parker, J.C., Jr., Liou, J.-Y., Adachi, H., Wheeler, R.L. Performance comparison of discrete and buried capacitors 1741
Sen, K.K. *see* Gyugyi, L. 38354
Sen, P.C. *see* Raviraj, V.S.C. 60855
Sen, P.K. *see* Limaye, R. 24187
Sen, P.K. *see* Nelson, J.P., Snr. 51898
Sen, R.N., Sahu, S. An ergonomic evaluation of shift work in different health care units 8077
Sen, S., Liang, C.S., Rhiger, D.R., Stannard, J.E., Arlinghaus, H.F. Reduction of CdZnTe substrate defects and relation to epitaxial HgCdTe quality 1995
Sen, S., Nath, S.S., Malepati, V.N., Pattipati, K.R. Simulation-based testability analysis and fault diagnosis 48357
Sen, S., Siejka, A.J., Savtchouk, B.A., Lagowski, J. Spin-on doping of porous silicon and its effect on photoluminescence and transport characteristics 54358
Sen, S. *see* Abe, K. 37234
Sen, S. *see* Hamilton, W.J. 7781
Sen, S. *see* Wolfe, J.C. 22711
Sen, S.K., Sarkar, S., Gupta, P.K. A novel technique of harmonic rejection of the sequential type PLL phase detector and its application to single-loop frequency synthesis 1191
Sen, S.K. *see* Lakshmikantham, V. 10367
Sen, S.K. *see* Lord, E.A. 497
Sen, Y., Apaydin, O., Yildirim, N. MMIC active filter with negative resistance 1728
Sen Deep *see* Deep Sen
Sen Gupta, A., Hanjura, A.K., Goel, G.K., Mathur, B.S., Sankararaman, M.R. Microsecond time synchronisation between GMRT, Pune and NPL, New Delhi using INSAT standard time and frequency broadcast in a differential mode 48956
Sen Gupta, A., Mathur, B.S. Standard time and frequency signal broadcast via INSAT–accuracy improvements using differential mode 27318
Sen Han *see* Han Sen
Sen Mao *see* Mao Sen
Sen Pratyush *see* Pratyush Sen
Sen Suvrajeet *see* Suvrajeet Sen
Sen Yang *see* Stoffers, C. 55415
Sen-Chueh Peng, Bor-Sen Chen Deconvolution filter design via l_1 optimization technique 45808
Sen-Shiang Jeng *see* Wen-Jyi Hwang 45534
Sen-Shiang Jeng *see* Wen-Jyi Hwang 45584
Sen-Yen Shaw RF-excited CO_2 waveguide laser for sequence-band oscillation 33368
Sena, J.A. *see* Haavengen, B. 113
Sena, K., Nakagawa, K., Hiratsuka, N. A computer system for steel mill control applications 16351
Sena, M. *see* Hendricks, K. 11231
Senac, P. *see* Courtiat, J.-P. 47317
Senane, H., Saadane, A., Barba, D. Vector quantization based on a psychovisual lattice for a visual subband coding scheme 56642
Senateur, J.P. *see* Rumyantseva, M.N. 36739
Senatore, A. *see* Bozza, F. 29107
Senatra, D. *see* Grazia Giri, M. 23231
Senatsky, Yu., Burtsev, A. Stored energy formation in selectively pumped active media for a solid-state laser driver 55584
Senatsky, Yu.V. *see* Burtsev, A.V. 3771
Senba, A., Kitahara, H., Ohsaki, H., Masada, E. Characteristics of an electromagnetic levitation system using a bulk superconductor 3298
Senba, N., Takahashi, N., Shimada, Y., Morizaki, I., Tokuno, K., Ohtsuuka, M., Hashimoto, K. Application of 3-dimensional memory module 59876
Sencek, F., Bajcsy, J. Probability parameters of didactic tests 9858
Senchenkov, A.S. *see* Fiederle, M. 10593
Send, S. *see* Nakayama, K. 12000
Senda, K. *see* Idogaki, T. 19931
Senda, M. *see* Takei, K. 45210
Senda, S. *see* Tsuda, K. 25721
Sendelbach, P. *see* DeFoster, S. 48361
Senderak, R. *see* D'Anna, E. 906
Senderov, S.M. *see* Voropai, N.I. 50406
Sendhoff, B. *see* von der Malsburg, C. *(editor)* 9816
Sendra, J.R., Winkler, F. Parametrization of algebraic curves over optimal field extensions 39976
Sene, C., Nguyen Cong, H., Chartier, P. Effect of the structural and electronic changes induced in poly(3-methylthiophene), PMeT, by the monomer concentration on the characteristics of sprayed CdS(Al)-PMeT based photovoltaic junctions 61089
Sene, D.E. *see* Bright, V.M. 43358
Senepa, L. *see* Arri, E. 27428
Sener, F.P. System planning using existing flexibility 19242
Sener, P.P., Greene, E.R., Jr. Top three technical problems–a survey report [of power system planning] 50473
Senes, A. *see* Calmon, F. 22855
Senes, A. *see* Calmon, F. 40890
Senesac, L.R. *see* Chin, G. 23877
Seneviratne, A. *see* Fry, M. 35821
Seneviratne, L.D. *see* Zhu, Y. 35218
Seneviratne, L.D. *see* Zhu, Y. 56594
Senez, V., Bozek, S., Baccus, B. 3-dimensional simulation of thermal diffusion and oxidation processes 43234
Senez, V. *see* Tixier, A. 12740
Senfar Wen Crosstalk of two-channel wavelength conversion using semiconductor nonlinearity 23981
Seng, J. *see* Chan Fang Khoon 57644
Seng, K.H., Haldar, M.K., Mendis, F.V.C. Locking characteristics of semiconductor lasers with optical injection 55666
Seng, P., Tidecks, R., Samwer, K., Logvenov, G.Yu., Oboznov, V.A. Electrical transport in Nb/Cu multilayers 43814
Seng, W.F., Barnes, P.A., Lovejoy, M.L., Fu, L.P., Gilliland, G.D., Ila, D. The effects of low energy ion-beam milling on the physical and electrical properties of n-GaAs 12800
Seng, Y.K. *see* Rofail, S.S. 13152
Seng Boon Choong *see* Choong Seng Boon
Seng Cheng Heng *see* Heng Seng Cheng
Seng Chin Teng *see* Teng Seng Chin
Seng Lee Ng *see* Swee Chuan Tjin 28100
Seng Park Wee *see* Wee Seng Park
Senga, T., Matsumi, Y., Kawasaki, M. Chemical dry etching mechanisms of GaAs surface by HCl and Cl_2 2332
Senga, T. *see* Ko, S.-T. 24161
Sengers, A.T., Leung Tsang, Shun-Lien Chuang Strain effects on exciton saturation in quantum-well optical modulator devices 24191
Sengoku, M. *see* Kabasawa, T. 58184
Sengoku, M. *see* Nakano, K. 26562
Sengoku, M. *see* Nakano, K. 58185
Sengoku, M. *see* Tamura, H. 57919
Sengoku, M. *see* Tamura, H. 58182
Sengoku, M. *see* Watanabe, K. 52504
Sengoku, N., Ogawa, K. Transport properties of $La_{1-x}Sr_xMnO_z$ thin films in oxygen deficient and excess states 2062
Sengor, T. Extensions of Maxwell's electromagnetic theory to oscillating bodies 33987
Sengor, T. Well posed inversion mechanisms 34038
Sengor, T., Partal, H.P. The exact computational solution approach by integral representation with an application to radiation characteristics of aperture antennas 34207
Sengstock, K. *see* Bettermann, D. 7138
Sengstock, K. *see* Bettermann, D. 27228
Sengupta, A. *see* Bandyopadhyay, S. 16319
Sengupta, B. *see* Chowdhury, S. 35432
Sengupta, B. *see* Iwata, A. 57639
Sengupta, C., Erdelyi, M., Bor, Z., Cavallaro, J.R., Smayling, M.C., Szabo, G., Tittel, F.K., Wilson, W.L. An integrated CAD framework linking VLSI layout editors and process simulators 2513
Sengupta, C., Kota, K., Cavallaro, J.R. Parallel algorithms and architectures for subspace based channel estimation for CDMA communication systems 25884
Sengupta, D.K., Curtis, A.P., Kuo, H.C., Malin, J.I., Fang, W.C., Gardner, N.F., Jackson, S.L., Mares, P.J., Horton, T.U., Chuang, S.L., Hsieh, K.C., Kar, A., Mazumder, J., Feng, M., Liu, H.C., Choi, K.K., Bloom, I., Stillman, G.E. Noise measurements on a bound-to-continuum QWIP detector 48666
Sengupta, D.K., Fang, W., Malin, J.I., Curtis, A.P., Horton, T., Kuo, H.C., Turnbull, D., Lin, C.H., Li, J., Hsieh, K.C., Chuang, S.L., Adesida, I., Feng, M., Bishop, S.G., Stillman, G.E., Gibson, J.M., Chen, H., Mazumder, J., Liu, H.C. Effects of rapid thermal annealing on the device characteristics of quantum well infrared photodetectors 54326
Sengupta, D.K., Fang, W., Malin, J.I., Kuo, H.C., Horton, T., Curtis, A., Gardner, N.F., Flachsbart, B., Wohlmuth, W., Turnbull, D., Chuang, S.L., Hsieh, K.C., Cheng, K.Y., Adesida, I., Feng, M., Bishop, S.G., Stillman, G.E. Long wavelength shifting and broadening of quantum well infrared photodetector response via rapid thermal annealing 27579
Sengupta, D.K., Jackson, S.L., Ahmari, D., Kuo, H.C., Malin, J.I., Thomas, S., Feng, M., Stillman, G.E., Chang, Y.C., Li, L., Liu, H.C. p-type InGaAs/InP quantum well infrared photodetector with peak response at 4.55 μm 7342
Sengupta, D.K., Malin, J.I., Jackson, S.L., Fang, W., Wu, W., Kuo, H.C., Rowe, C., Chuang, S.L., Hsieh, K.C., Tucker, J.R., Lyding, J.W., Feng, M., Stillman, G.E., Liu, H.C. Comparison of n- and p-type InGaAs-InP quantum well infrared photodetectors 27577
Sengupta, I. *see* Biswas, G.P. 53177
Sengupta, I. *see* Biswas, G.P. 56273
Sengupta, J.K. Entropy, efficiency and the productivity index numbers 24615
Sengupta, K., Boyer, K.L. Using spectral features for modelbase partitioning 5349
Sengupta, K., Ohya, J. Pose estimation of human body part using multiple cameras 25784
Sengupta, N. *see* Yusoff, M.M.B.M. 24473
Sengupta, S. *see* Barua, R. 53180
Sengupta, S. *see* Nath, S.K. 38031
Sengupta, S.S., Park, S.M., Payne, D.A. Integrated electroceramics: densification and stress development in sol-gel derived thin layers 52844
Senguttuvan, T.D., Malhotra, L.K. Sol gel deposition of pure and antimony doped tin dioxide thin films by non alkoxide precursors 31864
Senhadji, L. *see* Shamsollahi, M.B. 37835
Senichkin, A.P. *see* Kul'bachinskii, V.A. 31947
Senina, V.L. *see* Rybachek, S.T. 34068
Senina, V.L. *see* Rybachek, S.T. 45124
Senior, D. *see* Carbone, P. 47114
Senior, J.M., Johnson, R., Leeson, M.S. MAC layer performance simulation for SuperPONs 25943
Senior, J.M., Moss, S.E., Cusworth, S.D. Optical crosstalk in LED spectral slicing 26862

Senior, J.M., Phillips, A.J., Leeson, M.S., Johnson, R., van Deventer, M.O., Peters, P.J.M., Van de Voorde, I. Upgrading SuperPON: Next step for future broadband access networks 26387
Senior, J.M. *see* Al-Raweshidy, H.S. 16625
Senior, J.M. *see* Murtaza, G. 47906
Senior, J.M. *see* Murtaza, G. 57588
Senior, J.M. *see* Pereira, R. 57783
Senior, J.M. *see* Phillips, A.J. 36079
Senior, J.M. *see* Van Deventer, M.O. 26850
Senior, P. *see* Novac, B.M. 9360
Senior, T.B.A., Volakis, J.L., Legault, S.R. Higher order impedance and absorbing boundary conditions 24437
Senior, T.B.A. *see* Budaev, B.V. 56003
Senior, T.B.A. *see* Legault, S.R. 33948
Senior, T.B.A. *see* Legault, S.R. 34009
Seniyu, T., Yokoda, S., Uezato, K. Position control of ultrasonic motors using sliding mode control 29351
Senjushenkov, P.A., Hristoforova, T.V., Mill, B.V., Hristoforov, V.N., Pisarevsky, Yu.V. Temperature characteristics of langanite bulk wave vibrations 13237
Senjyu, T., Ashimine, S., Uezato, K. Robust speed control method for DC servomotor using adaptive gain law 9267
Senjyu, T., Ashimine, S., Uezato, K. Robust speed control of DC servomotors using fuzzy reasoning 51036
Senjyu, T., Kinjo, H., Uezato, K. Unity power factor AC/DC converter using full-order state observer 9403
Senjyu, T., Kinjo, H., Uezato, K. Unity power factor AC/DC converter using source voltage observer 38806
Senjyu, T., Mii, K., Yokoda, S., Uezato, K. Fundamental researches on high efficiency drive of ultrasonic motor 39261
Senjyu, T., Miyazato, H., Uezato, K. Position control of ultrasonic motors using neural network 19770
Senjyu, T., Miyazato, H., Uezato, K. Precise speed control of ultrasonic motors by repetitive control with fuzzy reasoning 51067
Senjyu, T., Miyazato, H., Yokoda, S., Uezato, K. Position control of ultrasonic motors using neural network 9286
Senjyu, T., Miyazato, H., Yokoda, S., Uezato, K. Speed control of ultrasonic motors using neural network 51059
Senjyu, T., Molinas, M., Uezato, K. Multi-machine power system stabilization with FACTS equipment applying fuzzy control 50384
Senjyu, T., Nakahama, S., Uezato, K. Rotor oscillation damping for stepping motors by inverse phase excitation with fuzzy reasoning 29676
Senjyu, T., Shimabukuro, T., Urasaki, N., Uezato, K. Vector control of PMSM with on-line parameter measurement including stator iron loss 50947
Senjyu, T., Shiroma, S., Molinas, M., Uezato, K. Power system stability enhancement by adaptive fuzzy control 8821
Senjyu, T., Tokumura, M., Uezato, K. Tracking control of maximum power point for windmill power system by identification of output characteristic 29172
Senjyu, T., Uezato, K. Microprocessor based nonlinear excitation controller for synchronous machines 50923
Senjyu, T., Urasaki, N., Uezato, K. Position and speed sensorless vector control of brushless DC motors 60792
Senjyu, T., Yokoda, S., Uezato, K. Position control of ultrasonic motors using sliding mode control 60816
Senjyu, T. *see* Uezato, K. 38235
Senjyu, T. *see* Uezato, K. 38306
Senjyu, T. *see* Uezato, K. 60237
Senjyu, T. *see* Uezato, K. 60259
Senk, V. *see* Delic, V.D. 24843
Senkader, S., Hobler, G., Schmeiser, C. Modeling and simulation of oxygen precipitation in Si: precipitate-point defect interactions and influence of hydrogen 12158
Senkevich, S. Spectral approach to filter synthesis in waveguide and quasi optical structures 41408
Senkevich, S. *see* Kirilenko, A. 41409
Senko, A.P. *see* Akhiezer, A.N. 27284
Senli Liu *see* Liu Senli
Senlin Xu *see* Xu Senlin
Senn, A. *see* Rink, K. 4176
Senn, B.C. *see* Liesegang, J. 7563
Senn, P. *see* Andre, E. 53363
Senn, P. *see* Pache, D. 11720
Senna, M., Takahashi, S. Optical properties of homogeneously Mn-doped ZnS nanoparticles 55419
Sennaroglu, A., Askar, A., Atay, F.M. Quantitative study of laser beam propagation in a thermally loaded absorber 44612
Sennewald, M. *see* Mertens, K. 13678
Sennhauser, U., Bronnimann, R., Nellen, P.M. Reliability modelling and testing of optical fiber Bragg sensors for strain measurements 36615
Sennyu, K. *see* Tajima, T. 17982
Seno, S. *see* Ideguchi, T. 35513
Senoh, M. *see* Nakamura, S. 3870
Senoh, M. *see* Nakamura, S. 23882
Senoh, M. *see* Nakamura, S. 33519
Senoh, M. *see* Nakamura, S. 33562
Senoh, M. *see* Nakamura, S. 44452
Senoh, S. *see* Wakiwaka, H. 9273
Senouci, N. *see* Therez, F. 12922
Senpeng Sheng, Xiao Tang, Spencer, M.G., Peizhen Zhou, Wongchotigul, K. 3C-silicon carbide photoconductive switches 3612
Sensiper, M. *see* Beck, W.A. 48660
Sensu, Y. *see* Sekiguchi, A. 42895
Sentein, C., Mouanda, B., Rosilio, A., Rosilio, C. Influence of stereoregularity on the photoinitiated electrical conductivity of poly(3-alkylthiophenes) 42889
Sentein, C. *see* Gautier, E. 23693
Senthil Kumaran, P. *see* Santhanakrishanan, T. 59005
Sentieys, O., Chillet, D., Diguet, J.P., Philippe, J.L. Memory module selection for high level synthesis 31294
Sentieys, O., Diguet, J.Ph., Philippe, J.L., Martin, E. Hardware module selection for real time pipeline architectures using probabilistic cost estimation 11250
Sentieys, O. *see* Philippe, J.-L. 21748
Sentis, M. *see* Marine, W. 10900
Sentis, M. *see* Tassy, I. 13941
Sentis, M.L., Tcheremiskine, V.I., Delaporte, P.C., Mikheev, L.D., Zuev, V.S. XeF(C-A) laser pumped by formed-ferrite open discharge radiation 44342
Sentker, P., Karner, H.C. Double breaks in vacuum: technical benefit and flashover mechanism 9437
Sentoku, K. *see* Saitoh, K. 32293
Sentovich, E.M., Toma, H., Berry, G. Latch optimization in circuits generated from high-level descriptions 11111
Sents, J. *see* Rindos, A. 46563
Senturia, S.D. The future of microsensor and microactuator design 2866
Senturia, S.D., Azuru, N., White, J. Simulating the behavior of MEMS devices: computational methods and needs 54842
Senuliene, D. *see* Galdikas, A. 7477
Senyk, T. *see* Ovsyannikov, O. 45102
Senyo, K., Hazumi, M., Kawasaki, T., Nagashima, Y., Yamamoto, K., Yamamura, K., Tsuboyama, T., Haba, J., Ikeda, H., Iwasaki, H., Matsuda, T., Ozaki, H., Tanaka, M., Yamada, Y., Okuno, S., Avrillon, S., Asano, Y., Mori, S., Fukunaga, C., Hirose, T., Miyata, H., Miyano, K., Banas, E., Bozek, A., Natkaniec, Z., Palka, H., Rozanska, M., Rybicki, K. Evaluation of silicon micro strip detectors with large read-out pitch 37386
Senyo, K. *see* Kawasaki, T. 59287
Senyukov, V. *see* Shalnov, A. 37128
Seo, B.S., Lee, J.H., Lee, C.W. Blind algorithm for decision feedback equalizer 34798
Seo, C., Lim, J., Chung, I. Improved algorithm for the trace computation on trinomial irreducible polynomial on finite field GF(2^m) of Reed-Solomon code 45599
Seo, D.-S. *see* Nishikawa, M. 23598
Seo, H., Endoh, T., Fukuda, H., Nomura, S. Highly sensitive MOSFET gas sensors with porous platinum gate electrode 48727
Seo, H. *see* Takao, H. 27452
Seo, H.J. *see* Ju, J.J. 24240
Seo, I. *see* Matsuno, H. 4036
Seo, I. *see* Miyoshi, S. 55154
Seo, J.-H., Woo, J.C., Mendicino, M., Vausudev, P.K. High current injected charge-to-breakdown characteristics of thin gate oxide on SIMOX SOI having different buried oxide thickness 42307
Seo, J.-W. *see* Wohlmuth, W. 48540
Seo, J.H. *see* Jang, S.M. 9275
Seo, J.H. *see* SungJun Joo 14539
Seo, K. *see* Suzuki, F. 41068
Seo, Y. Active optical guiding and gain guiding in a free electron laser 3911
Seo, Y., Choi, E.H. Microwave generation of a virtual cathode in a resonant cavity 41796
Seo, Y., Tripathi, A., Lutz, R.D., Goyal, R., Tripathi, V.K. Modeling interconnect coupling between analog, digital and RF layout components for MCM designs 1883
Seo, Y., Tripathi, A., Lutz, R.D., Tripathi, V.K. Modeling interconnect coupling between analog, digital, and RF layout components for MCM Designs 53867
Seo, Y. *see* Lutz, R.D. 53639
Seo, Y.-H. *see* Mayfield, L.J. 56373
Seo Choon-Weon *see* Choon-Weon Seo
Seo Dong Shin *see* Dong Shin Seo
Seo Dong-Il *see* Dong-Il Seo
Seo Dong-Wook *see* Dong-Wook Seo
Seo Ho Taek *see* Ho Taek Seo
Seo Jae-Tae *see* Jae-Tae Seo
Seo Jaiseon *see* Jaiseon Seo
Seo Jang-Cheol *see* Jang-Cheol Seo
Seo Jin-Ho *see* Jin-Ho Seo
Seo Jong Tae *see* Jong Tae Seo
Seo Joo-Ha *see* Joo-Ha Seo
Seo Joong Eon *see* Joong Eon Seo
Seo Kwang-Seok *see* Kwang-Seok Seo
Seo Kwang-Yell *see* Kwang-Yell Seo
Seo Kyoung-Sun *see* Kyoung-Sun Seo
Seo Seong-Heon *see* Seong-Heon Seo
Seo Won-Seon *see* Won-Seon Seo
Seo Yeon Park *see* Hak Kyu Lee 16514
Seo Yeong-Geon *see* Yeong-Geon Seo
Seo Yong-Pil *see* Yong-Pil Seo
Seo Yong-Su *see* Yong-Su Seo
Seo Yongduek *see* Yongduek Seo
Seo Young Hun *see* Young Hun Seo
Seo Young-Soo *see* Young-Soo Seo
Seo-Kyu Lee, Seong-Min Choe, Chang-Geun Ahn, Wook-Jin Chung, Young-Kyu Kwon, Bong-Koo Kang, Olyun Kim Low temperature (≤550°C) fabrication of CMOS TFTs on rapid-thermal CVD polycrystalline silicon-germanium films 54665
Seob Byun Jin *see* Jin Seob Byun
Seob Lim Myoung *see* Myoung Seob Lim
Seob Park Byoung *see* Byoung Seob Park
Seock Kim Inn *see* Inn Seock Kim
Seog Lee Jong *see* Jong Seog Lee
Seog Nam Kim, Ho Chang Jung, Sung Kim, Ji Hyeon Kim, Sang Joon Han Design on SDS2 on-line poison concentration monitoring in CANDU 29047
Seog-Hoon Lee, Jong-Ho Kim, Dong-Hyun Kim A GaAs ASIC chip set for 10 Gb/s SDH-based optical transmission system 16802
Seog-Hoon Lee, Jong-Ho Kim, Dong-Hyun Kim A regenerator section overhead processing chip set for STM-64 58318
Seog-Hwan Yoo, Yong-Tae Do, Dae-Sik Lee H_2/H_∞ filter design for linear discrete time systems via convex optimization 41284
Seog-Joo Kang, Seung-Ki Sul Efficiency optimized vector control of synchronous reluctance motor 29690
Seog-Joo Kim *see* Kook-Hun Kim 50385
Seog-Jun Lee, Beomsup Kim, Kwyro Lee A fully integrated low noise RF frequency synthesizer design for mobile communication application 1156
Seog-Jun Lee, Beomsup Kim, Kwyro Lee A novel high-speed ring oscillator for multiphase clock generation using negative skewed delay scheme 21535
Seog-Won Juong *see* Moon-Ho Kye 51324
Seoghyeong Lee, Jong-Wan Park Synthesis and characterization of SiOF thin films deposited by ECRCVD for ULSI multilevel interconnections 42717
Seoghyeong Lee *see* Jong-Wan Park 52776
Seok Ha Park *see* Jin Sung Kim 53031
Seok Han Won *see* Won Seok Han
Seok Ho Song, El-Hang Lee Parallel detection of WDM packet addresses by using three-dimensional planar integrated optics 26708
Seok Ho Song, Ho Hyung Suh, El-Hang Lee Generation of multiple-pitch gratings in WDM devices by using a single computer-generated phase mask 26701
Seok Hyun Yun, Richardson, D.J., Culverhouse, D.O., Birks, T.A. All-fiber acoustooptic filter with low-polarization sensitivity and no frequency shift 44129
Seok Hyun Yun *see* Min-Yong Jeon 14003
Seok Jin Jang, Byung Sik Yoon, Jae Won Kim, Won-Myoung Lee, Byung-Woo Yoon, Insung Lee, Song In Choi, Myoung Seob Lim, Ki Chul Han Design and implementation of a speech coder for CDMA cellular system 58162
Seok Jul-Ki *see* Jul-Ki Seok
Seok Kang Yong *see* Yong Seok Kang
Seok Kim *see* Kyoung-Ryul Yoon 40596
Seok Lee Kyeong *see* Kyeong Seok Lee
Seok Lee Soon *see* Soon Seok Lee
Seok Lim Hyeong *see* Hyeong Seok Lim
Seok Park Jun *see* Jun Seok Park
Seok Park Myeong *see* Myeong Seok Park
Seok Song Jun *see* Jun Seok Song
Seok Yoon Hwang *see* Dug Hun Hong 30476
Seok Youl Kang *see* Hae Geun Kim 45515
Seok-Gyu Oh, Young-Mon Hwang, Young-Bae Choo A study on electromagnetic energy recovery in SRM system 50931
Seok-Ho Lee, Je-Hie Lee, Uk-Youl Huh Adaptive servo controller design using a disturbance observer 51055
Seok-Hwan Na *see* Young-Cheol Lim 50398
Seok-Hwan Yoon, Shin-Ho Shim, Tae-Gyu Chang, Hoi-Doo Ha An electric vehicle wheel speed measurement technique based on sampled interval measurement 51760
Seok-Hyun Ryu, Tae-Eun Kim, Jong-Soo Choi Shape reconstruction using estimated surface reflectance properties 56719
Seok-Jin Yoon *see* Kucheiko, S. 32667
Seok-Joon Hong, Heui-Wook Kim, Seung-Ki Sul A novel inertia identification method for speed control of electric machine 51666
Seok-Jung Han, Nam-Il Tak, Moon-Hyun Chun A combined procedure of RSM and LHS for uncertainty analyses of CsI release fraction under a hypothetical severe accident sequence of station blackout at Younggwang nuclear power plant using MAAP3.0B code 50715
Seok-Keun Koh, Ki-Hwan Kim, Sung Han, Hong Gui Jang, Hyung-Jin Jung Cu films on Si(100) by partially ionized beam deposition 42671
Seok-Keun Koh, Young-Soo Yoon, Ki-Hwan Kim, Hong-Gui Jang, Hyung-Jin Jung Deposition of Cu films for laser mirror by partially ionized beam deposition 14232
Seok-Keun Koh *see* Kyoung-Ryul Yoon 40596
Seok-Keun Koh *see* Seok-Kyun Song 10871
Seok-Keun Koh *see* Won-Kook Choi 12295

Seok-Kyoung Hong *see* Yong-Jun Cho 30775
Seok-Kyun Song, Won-Kook Choi, Hyung-Jin Jung, Seok-Keun Koh, Jeong-Yong Lee, Hong-Koo Baik Property of tin-oxide thin films grown using a reactive-metal ion beam, an oxygen gas ion beam, and a hybrid ion beam 10871
Seok-Kyun Song *see* Won-Kook Choi 12295
Seok-Myeong Jang, Young-Tae Park, Hyun-Goo Lee Study for the precision measurement of non-sinusoidal power energy with the time harmonics 50659
Seok-Myeong Jang, Young-Tae Park, Jin-Ho Seo, Hyun-Goo Lee The development of the transducer for precision measuring the force of linear motors 51048
Seok-Pil Lee, Jung-Sub Kim, Sang-Hui Park An enhanced feature extraction algorithm for EMG pattern classification 18541
Seok-Pil Lee *see* Joung-Ouk Kim 57868
Seok-Whan Chung, Jong-Woo Shin, Yong-Kweon Kim, Bong-Soo Han Design and fabrication of micromirror supported by electroplated nickel posts 13158
Seok-Whan Chung, Jong-Woo Shin, Yong-Kweon Kim, Ho-Seong Kim, Eun-Ho Lee, Bum-Kyoo Choi, Se-Jin Ahn Characteristics measurements of the 100×110 μm^2 fabricated micro mirror 44149
Seok-Yoon Kim, Chan-Soo Chung, Yang-woong Jeong A design methodology on high-speed signal paths for signal integrity 24900
Seok-Yoon Kim, Chan-Soo Chung, Yang-Woong Jeong A study on signal interface characteristics in broadband systems 26007
Seok-Youl Kang *see* Byoung-Whi Kim 32021
Seok-Youl Kang *see* Hong-Shik Park 47474
SeokHun Kim *see* Hyungik Kim 47308
Seokyong Moon, Jenq-Neng Hwang Robust speech recognition based on joint model and feature space optimization of hidden Markov models 45647
Seol, I.H., Litvin, F.L. Computerized design, generation and simulation of meshing and contact of worm-gear drives with improved geometry 20113
Seol, K.S. *see* Ishii, K. 13207
Seol Lee Sang *see* Sang Seol Lee
Seon, M. *see* Holtz, M. 22233
Seon Ahn Gwang *see* Gwang Seon Ahn
Seon Hong Choong *see* Choong Seon Hong
Seon Ik Kim *see* In Gyu Park 28832
Seon-Hyo Kim, Ig-Hyeon Kim, Ki-Sung Kim Preparation of cubic boron nitride thin film by the helicon wave plasma enhanced chemical vapor deposition 21328
Seon-Hyo Kim, Ig-Hyeon Kim, Ki-Sung Kim Characterization of helicon wave plasma for a thin film deposition process 30919
Seon-Hyo Kim *see* Ig-Hyeon Kim 10799
Seon-Ja Kim, Young-Duk Park Implementation of interactive multimedia service system 58008
Seon-Ju Kim *see* Sang-Bae Yi 22465
Seon-Uk Na *see* Duck-Joo Lee 59966
Seong, K.S. *see* Kyung, C.M. 41259
Seong, P.H. *see* Kwon, I.W. 50748
Seong, T.Y. *see* Klipstein, P.C. 12336
Seong Geun Lee *see* Seung Ho Hong 16296
Seong Hoon Park *see* Joo Hyun Cho 29043
Seong Hun Kim *see* Yong Suk Yang 23177
Seong Hwang Cheol *see* Cheol Seong Hwang
Seong Hyun Kim *see* Byung Gyu Chae 23176
Seong Hyun Kim *see* Yong Suk Yang 43586
Seong Il Jin *see* Yong Keol Kim 55010
Seong Kim Nam *see* Nam Seong Kim
Seong Kwang-Su *see* Kwang-Su Seong
Seong Lee Eun *see* Eun Seong Lee
Seong Lee Ho *see* Ho Seong Lee
Seong Park Hong *see* Hong Seong Park
Seong Pyong Yong *see* Pyong Yong Seong
Seong Rag Kim, Jeong Goo Lee, Hun Lee Interference cancellation scheme with simple structure and better performance 4284
Seong Rag Kim, Jeong Goo Lee, Hun Lee Adaptive hybrid serial/parallel interference cancellation in CDMA systems 47659
Seong Ro Lee *see* Yong Up Lee 34736
Seong Ro Lee *see* Yong Up Lee 45940
Seong Se-Jin *see* Se-Jin Seong
Seong Soo Choi *see* Jin Kyun Park 60502
Seong Su Park *see* Min Kyu Song 296
Seong Wook Jung *see* Jun Rim Choi 41326
Seong-Ahn Hong *see* Hyung-Joon Choi 20010
Seong-Ahn Hong *see* In-Hwan Oh 51508
Seong-Cheol Kim *see* Jain, R. 5759
Seong-Dae Kim *see* Hyun-Soo Kang 15970
Seong-Dae Kim *see* Jae Gark Choi 56680
Seong-Don Hwang, Remmes, N.B., Dowben, P.A., McIlroy, D.N. Nickel doping of boron carbide grown by plasma enhanced chemical vapor deposition 52772
Seong-Don Hwang, Yang, K., Dowben, P.A., Ahmad, A.A., Ianno, N.J., Li, J.Z., Lin, J.Y., Jiang, H.X., McIlroy, D.N. Fabrication of n-type nickel doped $B_5C_{1+\delta}$ homojunction and heterojunction diodes 42909
Seong-Dong Kim, Moo-Sup Lim, Jae-Hyung Kim, Min-Koo Han, Yeam-Ik Choi A lateral bipolar-mode field effect transistor using SOI substrate 2710
Seong-Gon Kong, Jae-Chul Kim, Yong-Han Yoon Adaptive power system stabilizer with neural network parameter tuning 60973
Seong-Gu Choi, Do-Hwan Rho A study on the calibration parameter estimation of camera using square calibration frame 15674
Seong-Heon Seo, Hong-Young Chang, Kim, S.K. A simple current mode preamplifier for electron multipliers with high voltage biased anode 7831
Seong-Heon Seo, Kwon, G.C., Huh, S.H., Jun, S.J., Yang, J.G., Chang, H.Y., Choi, D.I. Strong magnetic pulse circuit using standard ignitrons 60892
Seong-Ho Jeon, Bae-Doo Cho, Kyeong-Woon Lee, Sung-Muk Lee, Ki-Ho Baik, Chang-Nam Ahn, Dong-Gyu Yim Study on elliptical polarization illumination effects for microlithography 32271
Seong-Hoon Lee, Young-Ho Kim, Kwan Kim, Hee-Chul Lee, Choong-Ki Kim Hydrogenation effects on $Hg_{0.7}Cd_{0.3}Te$ devices using inductively coupled plasma 32197
Seong-Il Kim, Moo-Sung Kim, Yong Kim, Sung Min Hwang, Byung-Don Min, Chang-Sik Son, Eun Kyu Kim, Suk-Ki Min Enhancement of lateral growth rates on GaAs/AlGaAs epilayers by CCl_4 10756
Seong-Il Kim *see* Chang-Sik Son 31815
Seong-Il Kim *see* Min-Suk Lee 40374
Seong-In Moon *see* Gwi-Yeol Kim 51497
Seong-Jin Ahn *see* Chul-Jin Park 57924
Seong-Jin Ahn *see* Sang-Chul Shin 57663
Seong-Ju Park *see* Young-Jo Ko 52734
Seong-Keun Oh *see* Soon-Uk Kim 45852
Seong-Kil Park *see* Cheon-Seok Park 14596
Seong-Min Choe *see* Seo-Kyu Lee 54665
Seong-Min Hwang *see* Min-Suk Lee 40374
Seong-Min Lee, Kwon-Woo Lee The optimization of passivation layout structure for reliability improvement of memory devices 1408
Seong-Min Lee, Kwon-Woo Lee Thermal fatigue life prediction of gull-wing solder joints in plastic thin small outline packages [PCBs] 11891
Seong-Ook Park, Balanis, C.A. Closed-form asymptotic extraction method for coupled microstrip lines 34133
Seong-Ook Park, Balanis, C.A. Dispersion characteristics of open microstrip lines using closed-form asymptotic extraction 45332
Seong-Ook Park, Balanis, C.A. Analytical technique to evaluate the asymptotic part of the impedance matrix of Sommerfeld-type integrals 56176
Seong-Sik Park *see* Seong-Wog Suh 43484
Seong-Su Park, Min Kyu Song, Seung Goo Kang, Nam Hwang, Hee Tae Lee, Heung Ro Choo, Kwang Eui Pyun High frequency modeling for 10 Gbps DFB laser diode module packaging 3838
Seong-Su Park *see* Nara Hwang 3842
Seong-Taek Park, Jang Gyu Lee An efficient filtering algorithm for improved radar tracking 6888
Seong-Taek Park, Jang Gyu Lee Design of a tracking filter for improved state estimation with radar measurements 48043
Seong-Wog Suh, Ju-Hyun Lee, Young Jin Kim, Seong-Sik Park, Sin-Doo Lee Interplay between dielectric and ferroelectric couplings in twisted smectic C* liquid crystals 43484
Seong-Won Choi *see* Yeon-Jung Kim 54941
Seongcheol Kim *see* Bertoni, H.L. 4264
Seongcheol Kim *see* Piazzi, L. 47735
Seonghearn Lee *see* Min Park 21977
Seonghoon Cho *see* Choen Kim 18773
Seongjae Lee, Kyoung Wan Park, Mincheol Shin, El-Hang Lee, Hyuk Chan Kwon Observation of the Aharonov-Bohm effect in mesoscopic ring structure fabricated with 2DEG of AlGaAs/GaAs 2142
Seongjin Kim, Byeong Kwon Ju, Yun Hi Lee, Beom Soo Park, Young-Joon Baik, Sungkyoo Lim, Myung Hwan Oh Emission characteristic of diamond-tip field emitter arrays fabricated by transfer mold technique 53961
Seongjoo Lee *see* Wankyoo Choi 26225
Seongjoon Baek *see* Daeryong Lee 24661
Seongsoo Lee, Jeong Min Kim, Soo-Ik Chae New motion estimation using low-resolution quantization for MPEG2 video encoding 35072
Seongsoo Lee, Soo-Ik Chae A motion estimation algorithm with low computational cost using low-resolution quantized image 15681
Seongtae Jeong, Zacharias, H., Bokor, J. Ultrafast carrier dynamics on the Si(100)2×1 surface 31788
Seongwook Kwon *see* Periasamy, A. 7925
Seop Hyeong Park, Dong Sik Kim, Jong Seog Lee Projection onto the narrow vector quantization constraint set for postprocessing of vector quantized images 57221
Seop Koh Chang *see* Chang Seop Koh
Seop Lee Woo *see* Woo Seop Lee
Seop Poong Eui *see* Eui Seop Poong
Seop Song Bong *see* Bong Seop Song
Seoun-Hwan Park Analysis of differential gain in 1.55-μm InGaAs/InGaAsP/InP compressively strained quantum well lasers 23948
Seoung-Beom Kim *see* Young-Seok Kim 50976
Seoung-Hwan Park, Doyeol Ahn Optical gain calculation for strained quantum well lasers by the Fourier expansion method 14125
Seoung-Hwan Park *see* Ahn, D. 14093
Seoung-Hwan Park *see* Doyeol Ahn 33468
Seoung-Hwan Park *see* Sang-Wan Ryu 55597
Seoung-Jun Oh, Byung-Jo Bang, En-Suk Kim A statistical hypothesis test-based image segmentation for low-bit rate coding 57058
Sepe, R.B., Jr. An insightful approach to H_∞ position controller design for an electric motor attached to a flexible structure 38690
Sephton, J.P. *see* Sharpe, P.H.G. 28470
Sepold, G. High-power solid-state laser technology and its innovation fields for new applications 55580
Sepold, G. *see* Juptner, W. 55953
Seppa, H., Satrapinski, A. Determination of Ω_{VTT} using the quantum Hall resistance 27245
Seppa, H., Satrapinski, A. AC resistance bridge based on the cryogenic current comparator 27780
Sepponen, R. *see* Lukkarinen, S. 28097
Septier, A. *see* Gierak, J. 42893
Septriyanti *see* Yoshida, S. 21394
Septriyanti *see* Yoshida, S. 36886
Sepulveda, C.A. *see* Beauchamp, P.M. 36693
Sequeira, H.B., Sun, T.S. Doppler radar for high-speed interceptor 8668
Sequeira, R.E., Gubner, J.A. Blind intensity estimation from shot-noise data 34787
Sequeira, V., Goncalves, J.G.M., Ribeiro, M.I. Active view selection for efficient 3D scene reconstruction 5301
Sequeira, V., Goncalves, J.G.M., Ribeiro, M.I. 3D reconstruction of indoor environments 57258
Ser Jung-Hoon *see* Jung-Hoon Ser
Sera, H., Morishima, S., Terzopoulos, D. Physics-based muscle model for mouth shape control 25787
Sera, T. *see* Takura, A. 35495
Serabyn, E. *see* Hunter, T.R. 17397
Serabyn, E. *see* Ning Wang 17015
Seracin, E. A contribution towards the optimal calculation of the main data of electrical drives 61188
Serafetinides, A.A. *see* Tsikrikas, G.N. 3680
Serafetinides, A.A. *see* Tsikrikas, G.N. 13971
Serafetinides, A.A. *see* Tsikrikas, G.N. 23730
Serafim, A.F.L. Segmentation of objects in images of natural coloured surfaces 46035
Serafini, L., Zhang, R., Pellegrini, C. Electron micro-bunch generation from RF photoinjectors 17990
Serago, C. *see* Gall, K. 28475
Seraidaridia, C.I. *see* Chun Kin Chan 52346
Serak, S., Kovalev, A., Nekrasov, G., Davidovich, T. Four-wave mixing of monopulse radiation of ruby laser in dye-activated liquid crystals 14292
Serati, S.A. *see* McKnight, D.J. 33163
Serba, A.A. *see* Gorban, A.P. 42330
Serban, A. *see* Lee, S. 59348
Serban, D. *see* Marinescu, L. 49280
Serbanescu, A. *see* Mateescu, I. 23283
Serbest, A.H. *see* Buyukaksoy, A. 4226
Serbo, V. *see* Abe, K. 59233
Serbo, V.G. *see* Engel, R. 7745
Serbo, V.G. *see* Engel, R. 59176
Serbo, V.G. *see* Kotkin, G.L. 37035
Serbutoviez, C. *see* Follonier, S. 55845
Sercel, J. *see* Chmielewski, A.B. 18734
Sercer, M., Slavica, M., Catic, I. Using of expert systems in production of polymeric parts 20978
Sercu, S., Martens, L. High-frequency measurement based characterisation of the transmission line parameters of packages and interconnection structures 45281
Serdar, T. *see* Reljin, B. 41373
Serdijn, W.A., Broest, M., Mulder, J., Van Der Woerd, A.C., Van Roermund, A.H.M. A low-voltage ultra-low-power translinear integrator for audio filter applications 48268
Serdijn, W.A. *see* Mulder, J. 1647
Serdijn, W.A. *see* Mulder, J. 31147
Serdijn, W.A. *see* Mulder, J. 31365
Serdyuk, V.M. *see* Kuhharchik, P.D. 44780
Serebrennikov, K.S. *see* Baitin, A.V. 49265
Serebrovski, A.P. *see* Kleptsina, M.L. 15226
Serebryakov, A.V. *see* Baranenko, V.I. 38490
Serebryakov, G.V. Capability of minimum variance beamformer for direction finding for fast perturbations of array sensors 25207
Serebryakov, Yu.N. *see* Bogomol'nyi, V.M. 13346
Serebryannikov, A.E., Vavriv, L.V. Trial pulse response approach: a basis for developing analysis of transient fields and signals 45036
Sereda, K.N. *see* Bizioukov, A.A. 7774
Sereda, K.N. *see* Bizyukov, A.A. 37198
Sereda, N.D. *see* Bizyukov, A.A. 37198
Seredniy, V.P. *see* Akhiezer, A.N. 27284
Serednyakov, S.I. *see* Achasov, M.N. 37251
Serednyakov, S.I. *see* Anashin, V.V. 36549
Serednyakov, S.I. *see* Bukin, D.A. 37447
Seredyuk, O.E. *see* Kolpak, B.D. 7281
Seregin, P.P. *see* Masterov, V.F. 54125
Sereinig, W. *see* Zojer, B. 26386
Serene, B., Dribault, L. The "STARSYS" system and satellite concept, to provide world-wide commercial services, including two-way messaging and localisation 58125
Sereno, N. *see* White, M. 37030
Sereno-Garino, M. *see* Vecchi, G. 34187
Serenyi, M. *see* Bartha, L. 44537
Serenyi, M. *see* Bozoki, Z. 7672
Serenyi, R., Kuklinski, J., Williams, D.C., Thompson, A.F. Development of silver-zinc cells of improved cycle life and energy density 61049
Seres, A. *see* Fazekas, Z. 37694
Ser'eznov, A.N., Lebedev, E.Yu., Kabanov, S.I., Komarov, K.L., Stepanova, L.N., Murav'ev, V.V.,

Oshchepkov, V.I., Chesnokov, A.F. Small multichannel information-measurement system 58628
Serfass, J. *see* Bigger, J. 38658
Serfass, J. *see* Durand, K. 50836
Serfass, J. *see* Hester, S. 50843
Sergaki, A., Kalaitzakis, K. A fuzzy dynamic programming algorithm for the optimal operation of a power system interconnected with WECS 19643
Sergaki, E., Stavrakakis, G. Optimal control of DC-motor drives with electromechanical losses minimization 20124
Serge, C. *see* Pierre, G. 5117
Sergeev, A.I. *see* Bochkov, V.D. 24377
Sergeev, B.G. *see* Anpilogov, V.R. 49878
Sergeev, N.K. *see* Akimov, V.A. 28024
Sergeeva, A.E. *see* Fedosov, S.N. 13250
Sergeeva, A.E. *see* Fedosov, S.N. 54928
Sergejew, A.A. *see* Hazarika, N. 49720
Sergent, A.M. *see* Morton, P.A. 16819
Sergent, A.M. *see* Tanbun-Ek, T. 55691
Sergent, C.Le *see* Le Sergent, C.
Sergent, J.E. Materials for multichip modules 12030
Sergent, J.E. Materials for multichip modules 31668
Sergeyev, S.V. *see* Weigand, R. 33389
Sergeyev, Ya.D. *see* Daponte, P. 45713
Sergeyeva, T.A., Lavrik, N.V., Piletsky, S.A., Rachkova, E.V., El'skaya, A.V. Polyaniline label-based conductometric sensor for IgG detection 17567
Sergi, R., Satalino, G., Solaiman, B., Pasquariello, G. SIR-C polarimetric image segmentation by neural network 8302
Sergi, V. 2D shape recognition and classification using fuzzy logic 56804
Sergienko, A.B., Rogov, A.N., Ushakov, V.N. Wideband UHF acousto-optic processor 25272
Sergienko, A.B., Ushakov, V.N. Radio interference impact on acousto-optic correlator performance 5464
Sergienko, A.V., Shih, Y.H., Pittman, T.B., Strekalov, D.V., Klyshko, D.N. Two-photon geometric optical imaging and quantum "cryptoFAX" 24611
Serikawa, I. *see* Koyama, M. 20269
Serina, E. *see* Martin, B.J. 49584
Serino, L. *see* Arcelli, C. 25277
Serio, L. *see* Bezaguet, A. 49013
Serio, M. *see* Gallo, A. 49251
Serio, M. *see* Zobov, M. 49224
Serir, A., Sansal, B., Serir, A. Multiresolution analysis scheme for ERS-1 image segmentation 48042
Serir, A. *see* Serir, A. 48042
Serizawa, M., Nakajima, N., Toshimitsu, K., Nonin, K. Broadband multi-media communication system with asymmetric wireless access link, SDL-Net 6312
Serizawa, M. *see* Taumi, S. 15058
Serizawa, N. *see* Ki-Chul Shin 55719
Serkin, V.N., Shmidt, E.M., Samarina, E.V., Belyaeva, T.L. Maxwell solitons nonlinear dynamics on personal computers 33622
Serkin, V.N. *see* Vysloukh, V.A. 33000
Sermon, C.F. *see* Kan, T. 23357
Sermyagin, A.V. On the transfer function of a weak link ultra-low capacity RF-SQUID 43789
Sermyagin, A.V., Vuong, N.V., Raspopina, E.V., Kozlov, S.I. On the possibility of observing secondary quantization effects in $YBa_2Cu_3O_{7-\delta}$ ceramic based RF-SQUIDs 43790
Serna, J. *see* Martinez, C. 55773
Serna, R., Afonso, C.N., Ballesteros, J.M., Zschocke, A. Pulsed laser deposition for optical doping of active waveguide films 52762
Sernas, V. *see* Mc Allen, J. 660
Sernas, V. *see* Mc Allen, J. 661
Sernelius, B.E. *see* Soederstroem, E. 54052
Seron, M.M. *see* Braslavsky, J.H. 34970
Serot, J. *see* Zavidovique, B. 15761
Seroussi, G. *see* Merhav, N. 57247
Serov, A.V. *see* Kol'tsov, A.V. 4202
Serov, A.V. *see* Lebedev, A.N. 3912
Serov, S.Y. *see* Iskhakov, A.S. 60901
Serov, V.L. *see* Esin, S.K. 37208
Serov, V.S. *see* Akimov, V.A. 28024
Serpanos, D.N., Georgiadis, L., Bouloutas, T. MMPacking: A load and storage balancing algorithm for distributed multimedia servers 6320
Serpanos, D.N. *see* Bisdikian, C. 6360
Serpedin, E. *see* Giannakis, G.B. 25806
Serpen, G. *see* Allred, L.G. 37961
Serpen, G. *see* Allred, L.G. 48356
Serpi, A. *see* Anedda, A. 42013
Serpico, C. *see* de Magistris, M. 59141
Serpico, C. *see* Miano, G. 23318
Serpico, S. *see* Jozwik, A. 56606
Serpico, S.B., Bruzzone, L., Roli, F. Classification of remotely sensed images by the neural-network approach–an experimental comparison 57070
Serpico, S.B. *see* Bruzzone, L. 56609
Serpico, S.B. *see* Roli, F. 5030
Serra, A. *see* Fuentes, J. 741
Serra, A. *see* Manno, D. 31867
Serra, A. *see* Micocci, G. 48735
Serra, A. *see* Rella, R. 36742
Serra, A. *see* Rella, R. 48714
Serra, A. *see* Rella, R. 58889
Serra, B., Berthod, M. 3-D model localization using high-resolution reconstruction of monocular image sequences 25637
Serra, F. *see* Silva, A. 7187
Serra, G. *see* Brunelli, B. 9644
Serra, G. *see* Casadei, D. 51348
Serra, J. Equicontinuous random functions 57415
Serra, J. *see* Chiussi, S. 900
Serra, P. *see* Cecchini, S. 7822
Serra, S. Preconditioning strategies for Hermitian Toeplitz systems with nondefinite generating functions 599
Serra, S., Miglio, L., Fiorentini, V. Simulated thermal effects on structural and electronic properties of GaN 12289
Serra, S. *see* Costabile, F. 10445
Serra-Graells, F. *see* Barniol, N. 9877
Serradell, V. *see* Dusza, J. 31149
Serradell-Garcia, V. *see* Dusza, J.J. 1280
Serraj, A. *see* Bolzoni, F. 7542
Serrano, A.B. *see* Lai, L.L. 60889
Serrano, E., Carrascosa, M., Agullo-Lopez, F. Analytical and numerical study of photorefractive kinetics at high modulation depths 14439
Serrano, E. *see* Aguilar, M. 33735
Serrano, M.D. *see* Bermudez, V. 32658
Serrano, M.D. *see* Bermudez, V. 43485
Serrano-Gotarredona, T., Linares-Barranco, B. Systematic CMOS transistor mismatch characterization 2827
Serrasolses, J. *see* Vallve, X. 60603
Serrat, C. *see* Kul'minskii, A. 14209
Serrat, J. *see* Lumbreras, F. 5509
Serre, C., Perez-Rodriguez, A., Calvo-Barrio, L., Romano-Rodriguez, A., Morante, J.R., Esteve, J., Acero, M.C., Skorupa, W., Kogler, R. Synthesis of thin membranes in Si technology by carbon ion implantation 12688
Serre, C. *see* Perez-Rodriguez, A. 31936
Serre, C. *see* Perez-Rodriguez, A. 32120
Serreze, H.B. *see* Wojtczuk, S. 37973
Serri, A. Speed control improvement by torque observer for electrical drives 61157
Serri, A. *see* Contu, S. 1046
Serri, A. *see* Fanni, A. 44889
Serri, L., Fantini, V., De Silvestri, S., Magni, V. Theoretical and experimental study of hybrid unstable-guided resonator for diffusion cooled CO_2 laser 14216
Serri, L. *see* Bartels, H. 55780
Serries, J.P. *see* Jager, B. 38383
Serru, V. *see* Camiade, M. 61299
Serruys, P.W. *see* Bruining, N. 28305
Serry, F.M., Neuzil, P., Vilasuso, R., Maclay, G.J. Air-damping of resonant AFM micro-cantilevers in the presence of a nearby surface 27517
Serry, F.M. *see* Neuzil, P. 23045
Sertore, D. *see* di Bona, A. 59184
Servais, G. *see* Kelly, M. 32539
Servat, J. *see* Folch, A. 52811
Servat, J. *see* Gorostiza, P. 52740
Servet, I., Trave-Massuyes, L., Stern, D. Traffic supervision in telephone networks and qualitative modelling 6003
Servet, I., Trave-Massuyes, L., Stern, D. Evolutionary computation techniques for traffic supervision based on a model of telephone networks built from qualitative knowledge 46978
Servet, I., Trave-Massuyes, L., Stern, D. Traffic supervision based on a one-moment model of telephone networks built from qualitative knowledge 57760
Serviere, C., Capdevielle, V. Blind adaptive separation of wide-band sources 24955
Servin, M., Marroquin, J.L., Malacara, D. Some applications of quadratic cost functionals in fringe analysis 35233
Servin, M. *see* Malacara-Hernandez, D. 34806
Servin, M. *see* Marroquin, J.L. 55372
Servin, M. *see* Rivera, M. 35236
Servin, M. *see* Rodriguez-Vera, R. 35237
Servomaa, H. *see* Hallikainen, M. 18877
Serwatka, W. *see* Bowen, L. 43593
Serwatka, W. *see* Gentilman, R. 17289
Serwatka, W.J. *see* Gentilman, R.L. 18971
Serwatka, W.J. *see* Pazol, B.G. 18368
Sery, A. Ground motion studies with respect to linac performance 49132
Sery, F., Ducrot-Gambart, D., Lopes, A., Fjortoft, R., Cubero-Castan, E., Marthon, P. Multisource classification of SAR images with the use of segmentation, polarimetry, texture and multitemporal data 58437
Sery, F. *see* Lopes, A. 16916
Seryapin, V.G. *see* Myasnikov, A.M. 54015
Seryogin, G.A. *see* Nikishin, S.A. 771
Seryogin, G.A. *see* Yang, J.W. 12341
Sesappa Rai, A., Ananthakrishnaiah, U. Obrechkoff methods having additional parameters for general second-order differential equations 52562
Sesay, A. *see* Chow, K. 41334
Sesay, A.B. *see* Oler, K.S. 45974
Sese, A. *see* Di Fabrizio, E. 1845
Sesha Reddy, M., Ramakrishna Reddy, K.T., Hussain, O.M., Reddy, P.J. Investigations on polycrystalline $CuGaTe_2$ thin films 54141
Seshadri, K. *see* Lercel, M.J. 22728
Seshadri, K. *see* Whelan, C.S. 22628
Seshadri, N. *see* Agazzi, O.E. 32870
Seshadri, R., Raja Rao, C. Mathematical modelling of the electrocardiogram 49664
Seshadri, S. *see* Agarwal, A.K. 42044
Seshadri, S. *see* Gelenbe, E. 5675
Seshadri, S. *see* Glassey, C.R. 152
Seshadri, S. *see* Tungate, S. 40777
Seshadri, S. *see* Whiting, B.R. 18374
Seshadri, S.R. *see* So, D.W.C. 33056
Seshake, H., Oimatsu, T., Akiyama, N. Data communication platform in distributed operations system based on TMN 35650
Seshu, P., Naganathan, N.G. Finite-element analysis of strain transfer in an induced strain actuator 51428
Seskar, I. *see* Pedersen, K.I. 46666
Sesma, J. *see* Abad, J. 30571
Sessions, H. *see* Jasne, S.J. 30255
Sessions, M. *see* Rogers, D. 50165
Sessler, A. *see* Chattopadhyay, S. 7691
Sessler, A. *see* Palmer, R.B. 17924
Sessler, A. *see* Palmer, R.B. 17966
Sessler, A.M. The cooling of particle beams 17917
Sessler, A.M. *see* Barletta, W.A. 7690
Sessler, A.M. *see* Wen-Hao Cheng 17937
Sessler, G.M., Amjadi, H., Yang, G.M. Nonlinear optical properties of SiO_2 layers 33110
Sessler, G.M., Yang, G.M. Evolution of charge distributions in polymers during annealing 54873
Sessler, G.M. *see* Das-Gupta, D.K. 13206
Sessler, G.M. *see* Guomao, Y. 54931
Sessler, G.M. *see* Kressmann, R. 2883
Sessler, G.M. *see* Yang, G.M. 54973
Sestak, J. *see* Sestakova, V. 22523
Sestakova, V., Stepanek, B., Sestak, J. Properties of doped GaSb single crystals grown by the Czochralski method 22523
Sestakova, V. *see* Srnanek, R. 12339
Sesterhenn, M. *see* Neumann, M. 42896
Sestini, F. *see* Baiocchi, A. 47642
Sestini, F. *see* Delli Priscoli, F. 16594
Set, S.Y. *see* Cole, M.J. 26779
Set, S.Y. *see* Royset, A. 16827
Seta, E. *see* Sugimoto, Y. 11527
Seta, M. *see* Kimoto, S. 18592
Setala, H. *see* Alander, J.T. 37620
Setarehdan, S.K., Soraghan, J.J. Automatic left ventricular feature extraction and visualisation from echocardiographic images 28300
Seteroff, S.S. Risk as a factor in strategic management 39668
Seth, D.L. *see* Nelson, P. 30638
Seth, M. *see* Fleischer, M. 36755
Seth, M. *see* Fleischer, M. 36756
Seth, S.C. *see* Mehta, S.K. 53170
Sethares, W.A. *see* Ho-En Liao 11551
Sethi, A.S. *see* Lobo, A.F. 57744
Sethi, I.K. *see* Patel, N.V. 5197
Sethi, I.K. *see* Shen, B. 46465
Sethi, I.K. *see* Shen, B. 57358
Sethian, J.A. Fast marching level set methods for three-dimensional photolithography development 2515
Sethian, J.A., Adalsteinsson, D. An overview of level set methods for etching, deposition, and lithography development 32529
Sethian, J.A. *see* Adalsteinsson, D. 12742
Sethian, J.A. *see* Malladi, R. 56942
Sethian, J.D., Obenschain, S.P., McGeoch, M.W., Smith, I.D., Corcoran, P.A., Altes, R.A. Pulsed power requirements for a high power KrF laser inertial confinement fusion test facility 51265
Sethian, J.D. *see* Lehecka, T. 23734
Sethna, J.P. *see* Perkovic, O. 32850
Sethna, J.P. *see* Wickham, L.K. 42771
Sethna, V. *see* Flynn, M.F. 7506
Sethuraman, A.R., Wang, J.-F., Cook, L.M. Review of planarization and reliability aspects of future interconnect materials 2409
Sethuraman, J. *see* Levenson, M.S. 15928
Setiadi, D., Regtien, P.P.L. Design of a VDF/TrFE copolymer-on-silicon pyroelectric sensor 3027
Setkus, A. *see* Galdikas, A. 7477
Setkus, A. *see* Kaciulis, S. 12292
Setlur, A.R., Sukkar, R.A., Gandhi, M.B. Speaker verification using mixture likelihood profiles extracted from speaker independent hidden Markov models 15135
Setlur, A.R. *see* Sukkar, R.A. 15048
Setlur, G.S., Yia-Chung Chang Role of nonequilibrium dynamical screening in carrier thermalization 31851
Setnescu, R. *see* Notingher, P.V. 1750
Setnescu, T. *see* Notingher, P.V. 1750
Setnicka, V. *see* Syrova, L. 17865
Seto, M. *see* Hiramatsu, T. 35848
Seto, T. *see* Shiraishi, T. 27662
Seto, T. *see* Takeuchi, H. 26714
Setoguchi, K., Chai, W., Fuchita, E., Oda, M. New maskless film making method using ultra fine particles 11998
Setoguchi, Y. *see* Landsberger, S. 37875
Setola, R. *see* Marino, P. 61158
Seton, H.C., Hutchison, J.M.S., Bussell, D.M. A 4.2 K receiver coil and SQUID amplifier used to improve the SNR of low-field magnetic resonance images of the human arm 37753
Setos, A.G. The Fox Movietone News Preservation Project: an introduction 17093

Setou, Y., Nishio, Y., Ushida, A. Synchronization phenomena in resistively coupled oscillators with different frequencies 1166
Setsune, K. *see* Enokihara, A. 53557
Settakorn, C. *see* Hung-Chi Lihn 18016
Settembre, M. *see* Iannone, E. 58406
Settembre, M. *see* Matera, F. 16695
Settembre, M. *see* Matera, F. 16789
Settembre, M. *see* Matera, F. 47907
Setter, N. *see* Kholkin, A.L. 54935
Setter, N. *see* Luginbuhl, P. 13163
Setter, N. *see* Nemirovsky, Y. 36514
Settimo, F. *see* Napolitano, A. 26615
Settineri, R. *see* Buzenac, V. 25662
Settles, R. Detector requirements at the 500-1000 GeV e^+e^- linear collider 37215
Setzer, B. *see* Hollfelder, M. 40331
Setzko, R.S. *see* Macomber, S.H. 55727
Setzkorn, R., Prevost, H., Gasiot, J., Christensen, P. Laser heating of thermoluminescent films: dose mapping applied to beta dosimetry 8196
Seufert, M. *see* Yong Qiang Li 23020
Seukhin, S. *see* Shietung Peng 53341
Seung, M.H. *see* Cho, D.H. 43297
Seung Bae Kim *see* Zung Kon Yim 25367
Seung Goo Kang *see* Min Kyu Song 296
Seung Goo Kang *see* Seong-Su Park 3838
Seung Han Ahn *see* Kyoung Hwan Kwon 53273
Seung Ho Hong, Seong Geun Lee Performance analysis of the data link layer in the IEC/ISA fieldbus by simulation model 16296
Seung Ho Lee *see* Young Sik Sun 51281
Seung Hoon Woo *see* Young Sik Sun 51281
Seung Hwan Yi, Suh, I.C., Jin, H.S., Kim, B.W., Sung, Y.K. Properties of Pt/Cr layers due to fabrication conditions and micro hot-plate thermal characteristics [gas sensors] 48744
Seung Hwang-Bo, Do-Hong Yun, Dong-Young Yi, Min-Koo Han The effect of space charges on conduction current in polymer by modified PEA method 13273
Seung Hwangbo *see* Dong-Young Yi 13289
Seung Hyeon Rhee, Hyun Meen Jung, Taek Hyun Yun, Illsang Choi, Kyu Tae Park An image coding algorithm using fractal interpolation method 4948
Seung Hyun Kim, Chang Eun Kim, Young Jei Oh Influence of Al_2O_3 buffer layer on the crystalline structure and dielectric property of $PbTiO_3$ thin film by sol-gel processing 32618
Seung Hyung Lee, Jung Ki Park, Jae Hong Han, Suh, K.S. Space charge behaviour in maleic anhydride grafted polyethylene/ethylene-vinyl-acetate copolymer laminates 43547
Seung Hyunsuk *see* Hyunsuk Seung
Seung Joo Maeng, Il-Taek Lim, Byeong Gi Lee LBR realization of MIMO systems using rotation blocks 41338
Seung Jun Lee, Choong Woong Lee Determination of Huffman parameters for memory-constrained entropy coding of multiple sources 45580
Seung Jun Lee, Jun Seok Song, Choong Woong Lee Memory-constrained high-order entropy coding by Huffman table sharing and memory allocation 56301
Seung Jun Lee *see* Jun Seok Song 45533
Seung Jun Lee *see* Jun Seok Song 56341
Seung Jun Lee *see* Lee Seung Jun
Seung Ku Hwang *see* Pyeong Jung Kim 57922
Seung Kwan Kim *see* Roman Kiyan 14005
Seung Lee Ki *see* Ki Seung Lee
Seung Min Lee, Dong Ho Park A test for the BMRL-t_0 class 30458
Seung Ryoul Maeng *see* Jaehyung Park 26423
Seung Soo Chae, Sung Bum Pan, Gi Hun Lee, Rae-Hong Park, Young-Sang Kim, Byung-Uk Lee A study on the hardware implementation of the DigiCipher equalization system 7070
Seung Soo Chae *see* Sung Bum Pan 1431
Seung Soo Chae *see* Sung Bum Pan 5172
Seung Yoon Sei *see* Sei Seung Yoon
Seung Youl Kang *see* Jong Hyun Lee 43409
Seung-Chang Lee *see* Sun Jin Yun 12735
Seung-Chul Lee *see* Myung-Ho Woo 50386
Seung-Eek Park *see* Markowski, K. 23168
Seung-Gi Jeong *see* Myung-Ho Woo 50386
Seung-Goo Kim *see* Yokokawa, H. 51537
Seung-Ha Lim, Sug-Chin Sakong Implementation of the high efficiency Buck converter using the resonant circuit 53032
Seung-Hak Yang *see* Young-Cheol Lim 50398
Seung-Han Ahn *see* Ho-Jun Song 21676
Seung-Han Ahn *see* Young-Hee Kim 21666
Seung-Han Park *see* Do-Hyun Park 23866
Seung-Han Park *see* Young-Nam Hwang 12500
Seung-Han Park *see* Young-Nam Hwang 22392
Seung-Hee Kim *see* Jun-Hee Hong 60344
Seung-Heon Lyu *see* Dong-Joon Kim 60583
Seung-Ho Ahn, Maeda, Y. Development of very thin (0.5 mmt) transfer-molded TAB packages 10073
Seung-Ho Ahn *see* Tae-Je Cho 216
Seung-Ho Hyun *see* Young-Moon Park 19107
Seung-Ho Song, Jong-Woo Choi, Seung-Ki Sul Current measurement of digital field oriented control 29224
Seung-Hoon Lee *see* Gil-Cho Ahn 11542
Seung-Hoon Lee *see* Jin-Man Han 1416
Seung-Hun Yang *see* Jai Gab Cho 22513
Seung-Hun Yang *see* Sung Ho Lee 41819
Seung-Hyun Lee, Sang-Yi Yi, Chung-Sang Ryu, Kwang-Hoon Cha, Choon-Weon Seo, Eun-Soo Kim Hardware implementation of multi-target tracking system based on binary phase extraction JTC 48408
Seung-Hyun Song, Hong-Bae Lee, Hyun-Kyo Jung, Song-Yop Hahn, Ki-Sik Lee, Changyul Cheon, Hyeong-Seok Kim Spectral domain analysis of the spiral inductor on multilayer substrates 41557
Seung-Ik Jeon, Doo-Sung Shin, Dong-Young Yi, June-Ho Lee, Min-Koo Han A study on the partial discharge inception field and breakdown strength characteristics according to the distribution pattern of voids 23110
Seung-Il Moon *see* Kook-Hun Kim 50385
Seung-Ill Moon *see* Jang-Cheol Seo 60351
Seung-Jong Lee *see* Joon-Seo Yim 41225
Seung-Joo Lee, Jong-Ki Lee, Dae-Woo Kim, Hong-Koo Baik, Sung-Man Lee Fabrication of thin film $LiCo_{0.5}Ni_{0.5}O_2$ cathode for Li rechargeable microbattery 19952
Seung-Joon Lee *see* Ding, Y.J. 3997
Seung-Ki Joo *see* Byung-Yoon Kim 42659
Seung-Ki Joo *see* Dong-Chan Kim 42663
Seung-Ki Joo *see* Dong-Chan Kim 42673
Seung-Ki Lee *see* Uk-Song Kang 17264
Seung-Ki Sui *see* Jong-Woo Chui 29399
Seung-Ki Sul *see* Dae-Woong Chung 29448
Seung-Ki Sul *see* Dae-Woong Chung 29718
Seung-Ki Sul *see* Dong-Choon Lee 29776
Seung-Ki Sul *see* Heui-Wook Kim 29344
Seung-Ki Sul *see* Hong-Woo Rhew 19688
Seung-Ki Sul *see* Hong-Woo Rhew 50898
Seung-Ki Sul *see* Jang-Mok Kim 39263
Seung-Ki Sul *see* Jong-Hwan Song 29251
Seung-Ki Sul *see* Jong-Hwan Song 50936
Seung-Ki Sul *see* Jong-Woo Choi 50935
Seung-Ki Sul *see* Joohn-Sheok Kim 51246
Seung-Ki Sul *see* Jul-Ki Seok 29704
Seung-Ki Sul *see* Jung-Ik Ha 29789
Seung-Ki Sul *see* Seog-Joo Kang 29690
Seung-Ki Sul *see* Seok-Joon Hong 51666
Seung-Ki Sul *see* Seung-Ho Song 29224
Seung-Ki Sul *see* U-Sok Chong 29792
Seung-Kuk Lee *see* Hyoung-Sub Kim 1357
Seung-Kwan Kim *see* Ki-Soo Kim 17404
Seung-L Moon, U.K. *see* Kook-Hun Kim 50385
Seung-L Moon Un Kim *see* Un Kim Seung-L Moon
Seung-Man Park, Geun-Hong Kim, Jae Mook Kim, Hee Chul Lee, Choong-Ki Kim Electrical characteristics of HgCdTe photodiodes formed by indium rapid thermal diffusion 33262
Seung-Man Park, Jae Mook Kim, Hee Chul Lee, Choong-Ki Kim Rapid thermal diffusion of indium in p-HgCdTe/CdTe 12355
Seung-Moon Yoo *see* Jei-Hwan Yoo 1335
Seung-Moon Yoo *see* Kyuchan Lee 53291
Seung-Phil Lee *see* Jae-Ho Choi 57218
Seung-Ri Kim *see* Byung-Gon Park 7404
Seung-Ryeol Kim *see* Dong Hyun Yun 27726
Seung-Ryeol Kim *see* Hyung-Ki Hong 36760
Seung-Ryeol Kim *see* Su-An Choi 36774
Seung-Soo Han, May, G.S. Recipe synthesis for PECVD SiO_2 films using neural networks and genetic algorithms 845
Seung-Soo Han, May, G.S. Using neural network process models to perform PECVD silicon dioxide recipe synthesis via genetic algorithms 52788
Seung-Wook Eom *see* Gwi-Yeol Kim 51497
Seung-Wook Lee *see* Changsik Yoo 1569
Seung-Youp Han, Jin-Young Jung, Yearn-Ik Choi, Sang-Koo Chung Analytical expressions for the surface electric field of the SOI RESURF LDMOS 54634
Seung-Youp Han *see* Jin-Young Jung 54572
Seung-Youp Han *see* Yong-Sung Chung 2130
Seung-Yun Lee *see* Dong-Won Kim 54891
Seung-Yun Lee *see* Sa-Kyun Rha 12616
Seung-Yun Lee *see* Won-Jun Lee 40587
Seung-Yun Lee *see* Won-Jun Lee 40595
Seunghee Choi *see* Kyoohyun Lim 40809
Seunghong Hong *see* Jangwoo Kwon 59803
Seunghong Hong *see* Jungsun Park 14952
Seunghyeon Nahm, Wonyong Sung Quantization effects on the acquisition performance of direct-sequence spread-spectrum CDMA 47555
Seunghyeon Rhee, Yongkyu Kim, Hyun Men Jung, Kyu Tae Park A uniform reconstruction level quantizer with improved performance at low bit rates 56487
SeungHyun Oh, JongSuk Ahn Dynamic lazy calendar queue: an event list for network simulation 57612
Seungjong Lee *see* Joonseo Yim 53334
Seungjun Park *see* Junghoon Lee 6189
Seungoo Kang *see* Kang Seungoo
Seungug Koh, Ahn, C.H., Garter, H.J., Sadler, D.J., Cook, A.L. Optoelectronic multichip modules based on microoptoelectromechanical system fabrication techniques 22104
Seungug Koh, Sadler, D.J., Ahn, C.H. Optoelectronic multichip modules for high-speed computer systems and communication networks 53875
Seungwon Choi, Dongun Yun, Sang Seol Lee Array antenna for tracing the source of maximum power utilizing a modified conjugate gradient method 34839
Seuntjens, J.M. *see* Rudziak, M.K. 55094
Seurer, M. *see* Toepffer, C. 59126
Seurin, J.-F. *see* Li, J. 44543
Sevcik, D.R. *see* Kezunovic, M. 28936
Sevcik, K.C. *see* Faloutsos, M. 46831
Sevcik, M. *see* Leconte, A. 47254
Sevcik, P.J. Planning your intranet-Internet connection 35726
Seve, E., Dinda, P.T., Millot, G., Remoissenet, M., Bilbault, J.M., Haelterman, M. Modulational instability and critical regime in a highly birefringent fiber 13571
Seve, E. *see* Tchofo Dinda, P. 3369
Sevenhans, J. *see* Moons, E. 26391
Sevenster, A.A., Engelbrecht, A.P. GARTNet: a genetic algorithm for routing in telecommunications networks 57762
Severac, D. *see* Girard, P. 43274
Severac, H., Mousseigne, M., Franceschi, J.L. Three-dimensional study of the photoacoustic response of bulk specimen 11018
Severance, C. Taking a high-tech approach to standards [IETF] 20293
Severance, C. Linking computers and consumer electronics 35690
Severens, R.J., Verhoeven, H.J.M., Schaepkens, M., van de Sanden, M.C.M., Schram, D.C. Electrodeless thin film conductance measurements using the Sommer-Tanner method 7520
Severeyn, H. *see* Rojas, J.E. 50124
Severikov, V.N. *see* Voitovich, A.P. 3697
Severikov, V.N. *see* Voitovich, A.P. 13925
Severns, J.G. *see* Woodyard, J.R. 37997
Severson, M. *see* Fisher, M.V. 37551
Severtsev, V.N. *see* Susov, E.V. 33229
Sevic, D. *see* Mojsilovic, A. 59446
Sevic, J.F., Baeten, R., Simpson, G., Steer, M.B. Automated large-signal load-pull characterization of adjacent channel power ratio for digital wireless communication systems 17214
Sevic, J.F., McGuire, C., Simpson, G.M., Pla, J. Data-based load-pull simulation for large signal transistor model validation 41470
Sevic, J.F., Staudinger, J. Simulation of adjacent channel power for digital wireless communication systems 21498
Sevidikidis, T. *see* Strintzis, M.G. 56796
Seville, A. *see* Zaporozhets, A. 34098
Sevostyanov, V.P. *see* Aristov, V.I. 33141
Sevostyanov, V.P. *see* Aristov, V.L. 33142
Sevostyanov, V.P. *see* Kurchatkin, S.P. 3470
Sewan Choi, Bang Sup Lee, Enjeti, P.N. New 24-pulse diode rectifier systems for utility interface of high-power AC motor drives 61115
Sewan Choi, Enjeti, P.N., Hoag-Hee Lee, Pitel, I.J. A new active interphase reactor for 12-pulse rectifiers provides clean power utility interface 29392
Seward, G.H., Leszcynski, J.M., Mulhern, E.J. Rapid alignment of laser beams within optical systems 55804
Seward, J.B. *see* Belohlavek, M. 18217
Sewell, G. *see* Tzolov, V.P. 33027
Sewell, H. Advancing optical lithography using catadioptric projection optics and step-and-scan 2539
Sewell, H. 200 nm deep-UV lithography using step-and-scan 42836
Sewell, J. *see* Thayne, I. 53649
Sewell, J. *see* Winzer, S.R. 19030
Sewell, J.I., Loomes, D. Switched-capacitor filters for FPGA implementation: tools and designs 31367
Sewell, J.S. *see* DeSalvo, G.C. 12761
Sewell, P., Benson, T.M., Anada, T., Kendall, P.C. Bi-oblique propagation analysis of symmetric and asymmetric Y-junctions 55233
Sewell, P., Benson, T.M., Kendall, P.C. Sectorial coordinates for curved optical waveguides 44312
Sewell, P., Benson, T.M., Reed, M., Kendall, P.C. Transcendental equation for the vectorial modes of buried optical waveguides 24526
Sewell, P. *see* Anada, T. 23560
Sewell, P. *see* Reed, M. 3403
Sexl, M. *see* Dong Xu 54706
Sexl, M. *see* Xu, D. 41440
Sexton, A., Lyon, D.E. Utilisation of the MV spectrum for diagnosis and estimation of harmonic fields 4745
Sexton, E.D. *see* Olson, J.B. 61260
Sexton, F.W. *see* Connell, L.W. 22946
Sexton, F.W. *see* Dodd, P.E. 21691
Sexton, G., Xiaowei Zhang Automatic human head location for pedestrian counting 57516
Sexton, J. *see* Rausch, E.O. 4356
Sexton, R.H. *see* Yihong Yang 7992
Sextro, G. *see* Ohara, K. 57117
Sey-Ping Sun *see* Crowley, J. 30187
Sey-Shing Sun, Dickey, E., Tuenge, R., Wentross, R., Kane, J. High-performance alkaline-earth thiogallate blue-emitting ACTFEL devices 55438
Sey-Shing Sun *see* Rack, P.D. 55412
Seyama, M. *see* Osaka, T. 36726
Seyama, S. *see* Tamura, Y. 7086
Seyboth, P. *see* Bieser, F. 59307
Seydel, E., Weitzel, L. High frequency fundamental mode resonators: equivalent electrical data dependence on electrode properties and blank surface 23263
Seydnejad, S.R. *see* Kitney, R.I. 37773
Seyed-Yagoobi, J. *see* Bryan, J.E. 27839
Seyed-Yagoobi, J. *see* Szymonski, V.G. 29515
Seyerlein, J. *see* Bieser, F. 59307
Seyfert, P. *see* Rousset, B. 38382
Seyler, C.E. *see* Flaherty, J.P. 24483

Seymour, C.W. *see* Cook, G.D. 15143
Seytre, G. *see* Aulagnier, E. 41547
Seytre, G. *see* Kranbuehl, D. 11003
Seyve, C., de Feraudy, P., Bernard, H., Bourges, J., Piluso, P., Dumond, S., Kolotilov, Y., Lioubtsev, R.I. Evaluation of TOMOX plant for conversion of weapons-grade plutonium into MOX fuel 19501
Seywerd, H. *see* Abt, I. 7783
Sezai, Y. *see* Homma, T. 43685
Sezaki, K. *see* Komatsu, K. 25297
Sezaki, K. *see* Nagata, T. 58082
Sezan, M.I. *see* Eran, P.E. 56967
Sezan, M.I. *see* Patti, A.J. 56684
Sezan, M.I. *see* Toklu, C. 57019
Sezan, M.Ibrahim *see* Ibrahim Sezan, M.
Sezenna, F. Traction drive systems 29730
Sezenna, F. *see* Morisi, L. 51786
Sezgin, N., Bar-Ness, Y. Adaptive soft limiter bootstrap separator for one-shot asynchronous CDMA channel with singular partial cross-correlation matrix 5808
Sezgin, N. *see* Bar-Ness, Y. 34873
Sezi, R. *see* Ahne, H. 2555
Seznec, A. Decoupled sectored caches 31257
Seznec, S. *see* Erlandson, A.C. 23841
Seznec, S. *see* Gamache, C. 33448
Sfaxi, L. *see* Etienne, B. 810
Sferco, S.J. *see* Priester, C. 54186
Sfikas, G., Tafazolli, R., Evans, B.G. Hand-off considerations in a wireless ATM environment 26595
Sforna, M. *see* Caciotta, M. 50486
Sforna, M. *see* Lamedica, R. 19248
Sgall, J. *see* Boneh, D. 12002
Sgamma, M. *see* Maltinti, P. 35718
Sgarro, A. *see* Fabris, F. 24719
Sghedoni, M., Beaupellet, J.L., Busseuil, J., Douillet, F., Fujikawa, S.J., Welch, R.V. Attitude determination and control system for the Proteus multimission spacecraft 49900
Sgisaka, Y. *see* Masataki, H. 14893
Sha, E.H.-M. *see* Surma, D.R. 25216
Sha, E.H.-M. *see* Tongsima, S. 56571
Sha, E.H.-M.S. *see* Passos, N.L. 53102
Sha, F. *see* Shi, H. 41589
Sha, L., Sathaye, S.S., Strosnider, J.K. Analysis of dual-link networks for real-time applications 26091
Sha, W. *see* Jiang, M. 33413
Sha, W.L., Liu, C.-H., Alfano, R.R. Competition between two lasing modes of sulforhodamine 640 in scattering suspension media 23766
Sha, Y.-G., Su, C.-H., Lehoczky, S.L. Mass flux of $ZnSe_{1-x}S_x$ and $ZnSe_{1-x}Te_x$ by physical vapor transport 30730
Sha, Y.-G. *see* Chen, K.-T. 12619
Sha Fei *see* Fei Sha
Sha Jia-Zheng *see* Jia-Zheng Sha
Sha LinZhang *see* LinZhang Sha
Sha LinZhuang *see* LinZhuang Sha
Sha Yi-Gao *see* Yi-Gao Sha
Sha Yigao *see* Su Chinghua 10652
Sha Zhen-Shun *see* Zhen-Shun Sha
Sha Zhu *see* Zhu Sha
Sha Zong *see* Zong Sha
Shaaban, A.H., Salavani, R. Heat recovery of used petroleum, oil, and lubricants (POL) 29072
Shaaban, K.M., Schalkoff, R.J. Design of recursive neural pattern associators by optimizing feedforward sub-network generalization properties 15706
Shaaban, S.E. *see* El-Khamy, S.E. 56485
Shaaban, S.E. *see* El-Khamy, S.E. 58117
Shaalan, H.E. *see* Broadwater, R.P. 38922
Shabalnikov, I.V. *see* Belov, S.D. 16246
Shaban, M.S. *see* Riad, A.M. 38703
Shabani, F., Prasad, N.R., Smolleck, H.A. A fuzzy-logic-supported weighted least squares state estimation [for power systems] 60210
Shabani, M.B., Yoshimi, T., Abe, H., Nakai, T., Cordts, B. SIMOX side or polysilicon backside: which is the stronger gettering side for the metal impurities 42356
Shabanov, I.Yu. *see* Kompan, M.E. 55400
Shabanov, V.F. *see* Zyryanov, V.Ya. 3336
Shabashev, O.K. *see* Vafiadi, A.V. 58825
Shabeer, M. *see* Cotter, D. 26442
Shabeer, M. *see* Gilfedder, T.H. 26861
Shabestari, B.N. *see* Miller, J.W.V. 30349
Shabestari, B.N. *see* Miller, J.W.V. 35147
Shabestari, B.N. *see* Sacha, J.P. 31002
Shablovski, A. *see* Pankov, V. 21370
Shabtay, G., Zalevsky, Z., Mendlovic, D., Raveh, I., Ferreira, C., Garcia, J. Invariant pattern recognition based on 1D wavelet functions and the polynomial decomposition 46181
Shabtay, G. *see* Mendlovic, D. 13792
Shabtay, G. *see* Zalevsky, Z. 46008
Shacham, N., Yokota, H. Admission control algorithms for multicast sessions with multiple streams 57621
Shacham-Diamand, Y., Dubin, V.M. Copper electroless deposition technology for ultra-large-scale-integration (ULSI) metallization 40514
Shacham-Diamand, Y. *see* Dubin, V.M. 42751
Shacham-Diamand, Y. *see* Dubin, V.M. 52739
Shacham-Diamand, Y. *see* Nucci, J.A. 22609
Shacham-Diamand, Y. *see* Nucci, J.A. 42632
Shacham-Diamand Yosi *see* Yosi Shacham-Diamand
Shacham-Diamond, Y. *see* DeSilva, M.J. 12815
Shachor, G., Porat, M. Signal representation and reconstruction from partial information in the position-frequency space 46492
Shack, W.J. *see* Diercks, D.R. 9070
Shack, W.J. *see* Keisler, J.M. 29048
Shackleford, B., Yasuda, M., Okushi, E., Koizumi, H., Tomiyama, H., Yasuura, H. Satsuki: an integrated processor synthesis and compiler generation system 1030
Shackleton, J. *see* Groat, J. 18624
Shacklette, L.W. *see* Eldada, L. 55346
Shacklette, L.W. *see* Norwood, R.A. 3390
Shackman, S. *see* VandenBerg, N. 8344
Shackman, S.J. *see* Sheen, D.R. 19021
Shadaram, M., Martinez, J., Garcia, F., Tavares, D. Sensing ammonia with ferrocene-based polymer coated tapered optical fibers 36775
Shadid, J.N. *see* Hutchinson, S.A. 49748
Shadrin, V.D. *see* Fedirko, V.A. 54283
Shady, M. *see* Wielopolski, L. 8121
Shaeffer, D.K., Lee, T.H. A 1.5 V, 1.5 GHz CMOS low noise amplifier 1733
Shaeffer, D.K., Lee, T.H. A 1.5-V, 1.5-GHz CMOS low noise amplifier 53685
Shaeffer, J. Body of revolution phi flip matrix and BOR-PATCH system matrix optimization 56030
Shaer, A.H. *see* Lau, H.Y. 59400
Shafai, C., Brett, M.J. A micro-integrated Peltier heat pump for localized on-chip temperature control 10105
Shafai, L., Noghanian, S. Radiation pattern control in microstrip antennas 14706
Shafai, L. *see* Carrie, J. 35944
Shafai, L. *see* Legay, H. 45455
Shafai, L. *see* Qiubo Ye 33960
Shafai, L. *see* Ragheb, A. 34285
Shafai, L. *see* Ragheb, H.A. 34145
Shafai, L. *see* Ragheb, H.A. 41389
Shafai, L. *see* Roscoe, D.J. 34410
Shafai, L. *see* Roy, J.E. 24470
Shafai, L. *see* Roy, J.E. 24470
Shafarman, W.N., Klenk, R., McCandless, B.E. Characterization of $Cu(InGa)Se_2$ solar cells with high Ga content 39057
Shafarman, W.N., Phillips, J.E. Direct current-voltage measurements of the Mo/$CuInSe_2$ contact on operating solar cells 39102
Shafeeu, H. *see* Griffiths, H.D. 58486
Shafeev, G.A. *see* Dolgaev, S.I. 42662
Shafeev, G.A. *see* Dolgaev, S.I. 54377
Shafer, R. *see* Lawrence, G. 49177
Shafer, R. *see* Wangler, T.P. 49188
Shafer, S.A. *see* Maxwell, B.A. 46421
Shafer, S.A. *see* Yalin Xiong 57160
Shaffer, E.O. *see* Im, J. 52212
Shaffer, E.O., II, McGarry, F.J., Lan Hoang Designing reliable polymer coatings 948
Shaffer, J.S. *see* Stevens, J.L. 31091
Shaffer, J.W. Air conditioner response to transmission faults 60342
Shaffer, R.E., Small, G.W. Genetic algorithms for the optimization of piecewise linear discriminants 30533
Shaffer, S. *see* Freeman, A. 27011
Shaffner, R.O. Prime color light source development for helmet mounted displays 17636
Shafi, M. *see* Neve, M.J. 58209
Shafiee, H. Timing recovery for sampling detectors in digital magnetic recording 3210
Shafir, E. *see* Green, A.K. 17425
Shaft, U., Ramakrishnan, R. Data modeling and feature extraction for image databases 46047
Shagin, P. *see* Alexeev, G. 59200
Shah, A. *see* Fischer, D. 39129
Shah, A. *see* Hof, C. 39130
Shah, A. *see* Keppner, H. 39031
Shah, A. *see* Lenning, L.G. 43391
Shah, A.R., Paris, B.-P. Robust detectors for self-adaptive sequence detection 24926
Shah, A.R. *see* Paris, B.-P. 34886
Shah, D. *see* Guillon, M. 7998
Shah, D.O. *see* Pillai, V. 32818
Shah, D.O. *see* Singhal, M. 32477
Shah, G. *see* Kelly, M. 32539
Shah, J. Curve evolution and segmentation functionals: application to color images 56935
Shah, J. *see* Berger, K. 20887
Shah, J. *see* Boivin, L. 58382
Shah, J. *see* Kumar, R. 2147
Shah, J. *see* Peirce, R.J. 31631
Shah, J.V. *see* Amarnath, K.R. 29898
Shah, K. *see* Schlesinger, T.E. 37554
Shah, K.S., Bennett, P., Klugerman, M., Moy, L., Cirignano, L., Dmitriyev, Y., Squillante, M.R., Olschner, F., Moses, W.W. Lead iodide optical detectors for gamma ray spectroscopy 59360
Shah, K.S., Bennett, P., Moy, L.P., Misra, M.M., Moses, W.W. Characterization of indium iodide detectors for scintillation studies 37556
Shah, K.S., Olschner, F., Moy, L.P., Bennett, P., Misra, M., Zhang, J., Squillante, M.R., Lund, J.C. Lead iodide X-ray detection systems 37339
Shah, M. Signature analysis of flashover voltage phenomena on contaminated insulator surfaces 38409
Shah, M. *see* Ristic, L. 23059
Shah, M.L. Attenuation and diffraction measurements of shear acoustic waves in GaP above 4 GHz 3505
Shah, N. *see* Aderhold, W.R. 22579
Shah, N.J. *see* Fry, G.E. 47541
Shah, N.J. *see* Honcharenko, W. 26383
Shah, N.M. *see* Homeyer, W.G. 18709
Shah, N.M. *see* Maldonado, M.A. 18711
Shah, N.R., Zakhor, A. Multiframe spatial resolution enhancement of color video 57032
Shah, P., Mitin, V. Dependence of the injection current at lasing threshold on structure and losses in AlGaN/GaN lasers 14181
Shah, R., Herrera, J., Peterman, S. Improvement of a post-oxide CMP cleaning process through the use of designed experiments 42525
Shah, S., Aggarwal, J.K. Intrinsic parameter calibration procedure for a (high-distortion) fish-eye lens camera with distortion model and accuracy estimation 7413
Shah, S. *see* Farouki, R.T. 550
Shah, S. *see* Porter, C. 2414
Shah, S.I. *see* Chen, F. 2122
Shah, S.I. *see* Chen, F. 12881
Shah, T.P. *see* Brawn, I. 59325
Shah Biren *see* Biren Shah
Shaham, Y.J., Schellhase, R. High performance IR cameras 27673
Shahane, S.D., Ropella, K.M., Roth, J.A. Comparison of bivariate and contextual analysis in discrimination of atrial fibrillation from surface electrocardiogram 49614
Shahani, A. *see* Soyuer, M. 21950
Shahani, U. *see* Mosher, J.C. 49471
Shahani, U. *see* Pegrum, C.M. 49414
Shahbaz, M. *see* Spetzen, A. 57742
Shahbazi, S. *see* Brown, O. 53701
Shahbazi, S. *see* Harrer, J. 58149
Shaheen, A.N.I. *see* Pujara, L.R. 9341
Shaheen, M. *see* Mallem, M. 46517
Shaheen, S. *see* Moray, N. 60484
Shaheen, S.E. *see* Kippelen, B. 3406
Shaheen, S.I. *see* Abdel-Azeem, E. 56299
Shahid, G.N. *see* Saleh, H. 42035
Shahidehpour, S.M. *see* Bai, X. 50431
Shahidehpour, S.M. *see* Ferrero, R.W. 60281
Shahidehpour, S.M. *see* Ma, H. 60195
Shahidi, G. *see* Assaderaghi, F. 13001
Shahidi, G. *see* Voldman, S. 22978
Shahidi, G. *see* Wann, C. 43099
Shahidi, G.G. *see* Assaderaghi, F. 2839
Shahidi, G.G. *see* Thon, L.E. 11576
Shahidi, R., Argiro, V., Napel, S., Gray, L., McAdams, H.P., Rubin, G., Beaulieu, C.F., Jeffrey, R.B., Johnson, A. Assessment of several virtual endoscopy techniques using computed tomography and perspective volume rendering 18399
Shahin, A. *see* Menard, M. 56610
Shahinpoor, M. Intelligent materials and structures revisited 959
Shahinpoor, M. The ionic flexogelectric effect in polymeric gels 21392
Shahinpoor, M. *see* Mojarrad, M. 21393
Shahinpoor, M. *see* Salehpoor, K. 3522
Shahkar, G.H., Tareghian, H.R. Optimal capacity of GI/G/1/K queues under different operational policies using simulation 21031
Shahnawaz *see* Srivastav, M. 1694
Shahnazi, K., Cheo, P.K., Lynds, L. Simplified tunable single-sideband CO_2 laser spectrometer: absorption measurements of ozone 60071
Shahriar, M.S. *see* Hemmer, P.R. 14354
Shahriar, S.M. *see* Ludman, J.E. 24049
Shahriari, A.K. *see* Mahdavi, J. 9366
Shahruz, S.M., Kirjner-Neto, C. Boundedness of temperature and stability of the steady-state temperature profile in thermistors 11750
Shahshahani, B.M. A Markov random field approach to Bayesian speaker adaptation 15089
Shahshahani, B.M. A Markov random field approach to Bayesian speaker adaptation 34698
Shahzad, F. *see* Khan, A.Z. 60670
Shahzad, F. *see* Shwehdi, M.H. 8891
Shahzad, F. *see* Shwehdi, M.H. 43515
Shahzad, K. *see* Grillo, D.C. 3907
Shaikevitch, A. *see* Sarma, H. 19346
Shaikh, A., Kang Shin Destination-driven routing for low-cost multicast 57669
Shaikh, G.H. *see* Mughal, G.R. 2615
Shaikh, H.El *see* El Shaikh, H.
Shaikh, M.A., Moore, W.H., II Statistical interpretation of absolute system performance requirements 52133
Shaikh, M.A., Tian, B., Azimi-Sadjadi, M.R., Eis, K.E., VonderHaar, T.H. An automatic neural network-based cloud detection/classification scheme using multispectral and textural features 18836
Shaikh, S. *see* Hur, Y.-M. 52950
Shaikh-Husin, N., Meador, J.L. Mixed signal neural circuits for shortest path computation 1677
Shaikh-Husin, N., Meador, J.L. Spatiotemporal neural networks for link-state routing protocols 5882
Shaikhaidarov, R.Sh. *see* Petrashov, V.T. 43815
Shaikin, A.A. *see* Zaboronkova, T.M. 45422
Shaitor, N.M. Electromechanical wave system with a synchronous reactive drive 19607
Shajaan, M., Sorensen, J.A. Time-area efficient multiplier-free recursive filter architectures for FPGA implementation 25212
Shakanti, Z. *see* Auckland, D.W. 43550
Shakaryan, Y.G. *see* Gurevich, Yu.Ye. 9114
Shaked, A., Eder, A. The intelligent MCU 47244
Shaked, N. *see* Pokryvailo, A. 51629
Shaked, U. *see* Fridman, E. 34805

Shaked, U. *see* Fridman, E. 34844
Shakeel, A. *see* Shapiro, J.H. 44668
Shaker, J. *see* Moheb, H. 34191
Shaker, S.R. *see* Hussin, Y.A. 27033
Shaker El-Markabi, M.H. *see* Hassanin, M. 29275
Shakeri, M., Raghavan, V., Pattipati, K.R., Patterson-Hine, A. Optimal and near-optimal algorithms for multiple fault diagnosis with unreliable tests 36410
Shakhbazova, R.V. *see* Bakirov, M.Ya. 29644
Shakhshaev, G.M. *see* Abdulvagidov, Sh.B. 27410
Shakhtakhtinskii, T.I. On the role of surface electric conductivity and electret state of barrier substance in barrier effect 54869
Shakin, O.V. *see* Mokrushin, Yu.M. 13743
Shakir, Y.A., Apollonov, V.V., Prokhorov, A.M., Suzdaltsev, A.G., Gribenyukov, A.I., Bocquet, R. Far infrared generation by CO_2 laser frequency subtraction in a $ZnGeP_2$ crystal 44350
Shakir, Yu.A. *see* Apollonov, V.V. 14315
Shakirov, M.A., Kiyatkin, R.P. Transient processes in rectilinear conductors, taking account of the surface effect 19324
Shakirzyanova, F.R. *see* Karpov, O.V. 27809
Shakouri, A. *see* Yuanjian Xu 31977
Shakshin, N.I., Deordiev, G.I., Scherbinin, V.E., Moorthy, V., Jayakumar, T., Bhattacharya, D.K., Kalyanasundaram, P., Baldev Raj Evaluation of thermal ageing conditions in 17-4 PH stainless steel by Fourier descriptor analysis of magnetic hysteresis loops 40724
Shakunaga, T. *see* Ikeuchi, K. 6946
Shakya, S. *see* Heinrich, S.M. 30236
Shalaby, H. *see* Tayel, M. 57050
Shalagin, A.M. *see* Kuz'minov, V.V. 28028
Shalash, A., Parhi, K.K. Comparison of discrete multitone and carrierless AM/PM techniques for line equalization 6437
Shalem, S., German, A., Barkay, N., Moser, F., Katzir, A. Mechanical and optical properties of silver-halide infrared transmitting fibers 33045
Shalem, S. *see* Bunimovich, D. 33013
Shalev, D., Aboudi, J., Tur, M. A micro-macro model for the effects of thermo-mechanical fields on optical fibres embedded in a laminated composite plate with applications to sensing 48601
Shalfeev, V.D., Kuznetsov, A.S. Controlling pattern formation in a CNN of Chua's circuits 40857
Shaligram, A.D. *see* Harkar, A. 22752
Shalish, I., Gasser, S.M., Kolawa, E., Nicolet, M.A., Ruiz, R.P. Gold metallization for aluminum nitride 32060
Shalkhauser, K.A. *see* Jong-Gwan Yook 21964
Shalkhauser, K.A. *see* Simone, R.N. 34437
Shallit, J. *see* Bach, E. 10297
Shallit, J.O. *see* Allouche, J.-P. 52460
Shalnov, A., Bogdanovich, B., Ignatyev, A., Senyukov, V. Beam loading effects in linacs with resonant loaded RF-power upgrade system 37128
Shalnov, A., Bogdanovich, B., Nesterovich, A. Smooth ion energy tuning in linear accelerator 37127
Shalnov, A.V. *see* Pershenkov, V.S. 22471
Shalom, A., Federighi, M. Spontaneous emission and eigenmodes in vertical-cavity surface-emitting lasers 44478
Shaltens, R.K., Mason, L.S. 500 hours of operational experience from a solar dynamic power system 18694
Shaltout, A.A. Transient inrush current in transformers equipped with fast acting automatic circuit breaker reclosures 9306
Shalumov, A.S. Computerized measurement facility for determining the dynamic characteristics of electronic devices 27413
Sham-Tsong Shiue, Kwang-Yi Chen, Shih-Der Tseng Axial strain induced microbending losses in tightly-jacketed double-coated optical fibers 43928
Shamaev, A.S. *see* Gilman, M.A. 28646
Shamaev, O. *see* Dubenkov, V. 18057
Shamaev, O.B. *see* Mroz, W. 59182
Shamai, S., Verdu, S. The empirical distribution of good codes 56318
Shamai, S. *see* Kofman, Y. 34593
Shamai, S. *see* Kofman, Y. 34594
Shamaly, J. *see* Williamson, D. 2544
Shamarao, P., Ozturk, M.C. A study on channel design for 0.1 μm buried p-channel MOSFETs 2631
Shamay, D. *see* Rotman, S.R. 8649
Shamay, D. *see* Rotman, S.R. 19011
Shames, A. *see* Koltun, M. 39046
Shamir, A. *see* Naor, M. 56285
Shamir, A. *see* Rivest, R.L. 56276
Shamir, J. *see* Friedmann, M. 56837
Shamir, J. *see* Piestun, R. 44771
Shamir, J. *see* Toker, G. 17673
Shammas, N., Naumovski, I. Semiconductor devices for hybrid circuit breakers 19913
Shammas, N.Y.A., Rahimo, M.T., Hoban, P.T. Effects of temperature, forward current, and commutating di/dt on the reverse recovery behaviour of fast power diodes 42928
Shamonin, M., Lohmeyer, M., Hertel, P. Directional coupler based on radiatively coupled waveguides 33079
Shamonin, M. *see* Lohmeyer, M. 23539
Shamonina, E., Cedilnik, G., Mann, M., Kiessling, A., Webb, D.J., Kowarschik, R., Ringhofer, K.H. Investigation of two-wave mixing in arbitrary oriented sillenite crystals 33611
Shamov, A. *see* Arisaka, K. 37239
Shamov, A. *see* Arisaka, K. 37460
Shamov, A. *see* Buzykaev, A. 37237
Shamov, A.G. *see* Baru, S.E. 37227
Shampine, L.F., Gladwell, I. Software based on explicit RK formulas 10539
Shams, L., Fellous, J.-M., von der Malsburg, C. A comparative study of Gabor and pixel representations in original and PC spaces 57546
Shams, M., Ebergen, J.C., Elmasry, M.I. A comparison of CMOS implementations of an asynchronous circuits primitive: the C-element 11275
Shams, S. A new self-organizing model for angle-only target deghosting and tracking 58473
Shams-Eldin, M.A. *see* Mabrouk, M.A. 13572
Shams-Zadeh-Amiri, A.M., Huang, W.P. Spectral Green's function approach in the investigation of radiation pattern of a novel circular grating surface emitting laser 33481
Shamsollahi, M.B., Senhadji, L., Le Bouguin-Jeannes, R. Detection and localization of complex SEEG patterns in epileptic seizures using time-frequency analysis 37835
Shamsollahi, P., Malik, O.P. On-line identification of synchronous generator using neural networks 19718
Shamsunder, S., Challa, R.N. Performance of near-field localization algorithms based on high-order statistics 25149
Shamsunder, S. *see* Challa, R.N. 4888
Shamsunder, S. *see* Wenndt, S. 14875
Shamsutdinova, G.M. *see* Ivanov, V.T. 4179
Shamsutdinova, T.M. *see* Ivanov, V.T. 24324
Shan, P.C., Celik-Butler, Z., Butler, D.P., Jahanzeb, A., Travers, C.M., Kula, W., Sobolewski, R. Investigation of semiconducting YBaCuO thin films: A new room temperature bolometer 7335
Shan, P.C. *see* Butler, D.P. 48647
Shan, Q. *see* Chen, C.M. 10995
Shan, W. *see* Morkoc, H. 12362
Shan, W. *see* Perry, W.G. 54090
Shan, Y.Y. *see* Szeles, C. 31818
Shan, Z.S., Malhotra, S.S., Liou, S.H., Liu Yi, Yu, M., Sellmyer, D.J. Magnetic properties and magnetization reversal of CoSm‖Cr thin films 13450
Shan, Z.S. *see* Malhotra, S.S. 13437
Shan, Z.S. *see* Sellmyer, D.J. 55031
Shan Bing, Mao Xiyun, Zhang Xiaoqiu, Wang Shuyan, Li Bingqian, Chang Zenghu, He Hai'en, Hu Xin, Tang Daoyuan A computer based image readout system for streak camera 17472
Shan Chen Ru *see* Chen Ru Shan
Shan Feng *see* Feng Shan
Shan Jin *see* Jin Shan
Shan Jun *see* Jun Shan
Shan Li-Hong *see* Wang Xiao-Bing 44807
Shan Lu, Doerschuk, P.C. Demodulators for AM-FM models of speech signals: a comparison 14912
Shan Lu, Doerschuk, P.C. Performance bounds for nonlinear filters 31069
Shan Ming-Chien *see* Ming-Chien Shan
Shan Sun *see* Sun Shan
Shan Wenzhi *see* Zhong Wenfa 38501
Shan Yuanda *see* Ni Ming 29063
Shan Zhong *see* Zhong Shan
Shan Zhu, Dao Wen Chen, Tai Yi Huang Feature parameter curve method for high performance NN-based speech recognition 15112
Shan Zhu, Huang, G.M. A new packet-loss minimization routing algorithm for ATM high-speed data networks 35457
Shan-Cheng Pan *see* Kin-Lu Wong 45396
Shan-Dong Li, Wen-Sheng Sun, Ming-Xiu Quan Crystallization and magnetic properties of melt-spun two-phase nanocrystalline Nd-Fe-B alloy 52837
Shan-Hsi Huang, Rabaey, J.M. An integrated framework for optimizing transformations 31293
Shanabrook, B.V. *see* Wagner, R.J. 42107
Shanahan, H. Top ten measurements for GSM base stations 26649
Shananin, R.A., Petrovskii, V.N., Protsenko, E.D., Shatrova, E.A., Panteleev, A.V., Ioltukhovski, A.A., Tsvetkov, Yu.V. Linear two-frequency cw Nd^{3+}:YAG laser with laser-diode pumping 44432
Shanbehzadeh, J., Ogunbona, P.O. On the computational complexity of the LBG and PNN algorithms 46261
Shanbehzadeh, J., Ogunbona, P.O. Index-compressed vector quantisation based on index mapping 56597
Shanbhag, A. *see* Helleseth, T. 4539
Shanbhag, N.R. A fundamental basis for power-reduction in VLSI circuits 1213
Shanbhag, N.R. Lower bounds on power-dissipation for DSP algorithms 15167
Shanbhag, N.R., Goel, M. Low-power adaptive filter architectures and their application to 51.84 Mb/s ATM-LAN 57945
Shanbhag, N.R. *see* Goel, M. 11584
Shanchang Yan *see* Yan Shanchang
Shand, D.J. *see* Lord, E. 28531
Shand, R.D. *see* Bailey, D.G. 60081
Shandal, A.K., Waters, A.G. Congestion control of AAL3/4 and AAL5 traffic over ATM networks 35377
Shandaro, S., Emelyanov, A., Kobozev, O., Reshet'ko, A., Volkov, V., Kargin, Yu. Photorefractive properties of doped sillenite crystals 24142
Shandarov, E. *see* Shcherbin, K. 3306
Shandarov, S. *see* Salikaev, Y. 13657
Shandarov, S. *see* Shcherbin, K. 3306
Shandarov, S.M. *see* Solomonov, Yu.A. 33095
Shandarov, V.M. Light-induced dynamic lenses in photorefractive lithium-niobate optical waveguides 13528
Shandarov, V.M. *see* Solomonov, Yu.A. 33095
Shane, G.S. *see* Grant, K.P. 20757
Shaneyfelt, M.R. *see* Dodd, P.E. 21691
Shaneyfelt, M.R. *see* Schwank, J.R. 28553
Shaneyfelt, M.R. *see* Warren, W.L. 23105
Shanfelt, D.Y., Winn, R.C. A paradigm shift in solar collectors 29657
Shang, A.Z., Tooley, F.A.P. Current-mode smart pixel receivers 36174
Shang, A.Z. *see* Plant, D.V. 13894
Shang, A.Z. *see* Tooley, F.A.P. 33333
Shang, E.C., Wang, Y.Y., Shaobo Sun Inversion in shallow-water using the WKB modal condition 18868
Shang, H.M., Quan, C., Tay, C.J., Tay, T.E., Qin, S. Holographic determination of the residual strength of arbitrarily clamped, centrally thinned circular plates 21399
Shang, H.M. *see* Tay, C.J. 7631
Shang, J.K., Yao, D. Effect of interface roughness on fatigue crack growth in Sn-Pb solder joints 10103
Shang, J.S. Time-domain electromagnetic scattering simulations on multicomputers 6877
Shang, Q.L. *see* Zhou, S.Q. 28564
Shang, W., Damstra, G.C. The collective properties of the trigger plasma of a triggered vacuum gaps 23189
Shang, W., Damstra, G.C. The investigations of triggered vacuum gaps in negative main gap mode 23190
Shang, W., Damstra, G.C. The main gap discharge types and mechanism of a triggered vacuum gaps 23191
Shang, W., Fink, H., Lipperts, J., Pilsinger, G. Bipolar axial magnetic field contact 29482
Shang Changjing *see* Changjing Shang
Shang Guihua, Kunze, K., Hamden-Smith, M.J., Duesler, E.N. Low-temperature chemical vapor deposition of indium sulfide thin films using a novel single-source indium thiocarboxylate compound as precursor 30922
Shang Li, Hashimoto, H., Takahashi, N., Takebe, T. High quality IIR adaptive filter for a single sinusoid detection 56552
Shang Li *see* Xiaohua Wu 41341
Shang Lin *see* Lin Shang
Shang Xuewei *see* Cao Renfeng 29099
Shang-Hua Teng *see* Spielman, D.A. 651
Shang-Hung Lin, Sun-Yuan Kung, Long-Ji Lin Face recognition/detection by probabilistic decision-based neural network 15965
Shang-Hung Lin, Yin Chan, Kung, S.Y. A probabilistic decision-based neural network for locating deformable objects and its applications to surveillance system and video browsing 25763
Shang-Jin Yang *see* Yang Shang-Jin
Shang-Juh Kao *see* Shyh-Horng Jou 57733
Shangchun Fan *see* Fan Shangchun
Shangfeng Pan *see* Pan Shangfeng
Shanglian Bao *see* Bao Shanglian
Shanglian Huang *see* Yaqing Tu 48596
Shanglian Huang *see* Yingjun Pan 13625
Shangqi Guo *see* Chunhai Wang 17324
Shangqing Liu, Yansong Chen Optical fibre ring cavity being able to store incident beam and its applications 23481
Shangrui Gao *see* Gao Shangrui
Shangshu Duan *see* Ping Wang 36542
Shangurov, A.V. *see* Yermakov, A.Y. 52831
Shangxin Fu *see* Fu Shangxin
Shangyou Hao, Papalexopoulos, A. Reactive power pricing and management 50357
Shanhui Bao *see* Qimin Chen 38132
Shanhui Fan, Villeneuve, P.R., Joannopoulos, J.D., Schubert, E.F. High extraction efficiency of spontaneous emission from slabs of photonic crystals 55459
Shanhui Fan *see* Chen, J.C. 3558
Shanhui Fan *see* Villeneuve, P.R. 33059
Shani, G. Neutron dose measurement at the Brookhaven National Laboratory whole-body activation facility 18567
Shanin, O.I., Lyakhov, D.M., Zhalilova, S.M., Khromov, S.Yu. Multi-zone input of complex images for archiving 46057
Shanjia Xu, Xinquing Sheng Coupling of edge-element and mode-matching for multistep dielectric discontinuity in guiding structures 45294
Shanjia Xu *see* Lijun Zhang 14685
Shanjia Xu *see* Xu Shanjia
Shanjin Xu *see* Qi Zhu 56133
Shanjua Xue *see* Baijun Chen 23696
Shank, J.T. *see* Abe, K. 37234
Shankar, A.U. *see* Alaettinoglu, C. 46827
Shankar, A.U. *see* Lee, D. 57593
Shankar, A.U. *see* Matta, I. 57683
Shankar, B. IP: the itch to switch 25962
Shankar, B. Mobile satellites gather speed 26659

Shankar, B. *see* Bright, J. 21860
Shankar, K. *see* Bhumkar, B. 59522
Shankar, K.R., Venkatraman, S., Rao, K.R. Tuning schemes for transmission zeros of continuous-time filters 53405
Shankar, P.M., Molthen, R., Narayanan, V.M., Reid, J.M., Genis, V., Forsberg, F., Piccolli, C.W., Lindenmayer, A.E., Goldberg, B.B. Studies on the use of non-Rayleigh statistics for ultrasonic tissue characterization 7980
Shankar Jha, R. *see* Barman, S.R. 60702
Shankara Joisa, Y. *see* Rao, C.V.S. 36575
Shanker, B.J. *see* Joshi, R. 200
Shanker, K.R., Vasudevan, V. Synthesis of analog CMOS circuits 54789
Shankle, R. *see* Slater, R. 25478
Shanks, C.R. *see* Fletcher, G.C.L. 18614
Shanks, D. Defect reduction through statistical process control and prior-level subtraction analysis 42449
Shanks, H. *see* Grimmer, D. 29647
Shanks, J. Assuring dependability: field testing MCCBs 60947
Shanli Wang *see* Wang Shanli
Shanming Wan *see* Shenghua Huang 51435
Shanmuga Sundaram, R. *see* Prabhu, K.M.M. 15204
Shann Hwai-Der *see* Hwai-Der Shann
Shannon, D.N.J., Smith, P.W., Dobson, P.J., Shaw, M.J. Dual mode electron emission from ferroelectric ceramics 41745
Shannon, G.M. *see* Hague, L.M. 18712
Shannon, J. *see* Shoucri, M. 18643
Shannon, R.R. *see* Cote, M. 3526
Shannon, R.V., Moore, J.K., McCreery, D.B., Portillo, F. Threshold-distance measures from electrical stimulation of human brainstem 49795
Shanov, V. *see* Ivanov, B. 2359
Shanqi Zhao *see* Zhao Shanqi
Shanshan Du *see* Yu Qin 51220
Shanshui Yang *see* Yang Shanshui
Shantanu Dutt, Wenyong Deng VLSI circuit partitioning by cluster-removal using iterative improvement techniques 11094
Shantaram, K.R. *see* Varadarangan, K. 4408
Shanthikumar, J.G. *see* Glassey, C.R. 152
Shantilal Das, Sujay Datta, Deshdeep Sahdev, Ravi Mehrotra Two-dimensional Josephson junction arrays with dc drives: the fixed-point regime 55110
Shao, B. *see* Liu, A. 32405
Shao, C., Soga, T., Umeno, M., Hattori, S. Synchrotron-radiation-excited etching of silicon wafer enhanced by disk-shaped CF_4 plasma 42431
Shao, C.L. *see* Soga, T. 40463
Shao, H., Scholl, S., Schafer, H., Gerschutz, J., Jobst, B., Hommel, D., Landwehr, G. Shubnikov-de Haas oscillations of a two-dimensional electron gas in a modulation-doped $Zn_{0.80}Cd_{0.20}Se/Zn_{0.06}Se_{0.94}$ single quantum well 2219
Shao, J., Evans, B.L., Fan, Z. Nanomasking of the spheres 10826
Shao, J. *see* Qin, S. 2324
Shao, K. *see* Jin, B.B. 11698
Shao, K.R. *see* Ma, Q.S. 44954
Shao, K.R. *see* Yu, H.T. 44959
Shao, M., Fischer, A., Grecu, D., Jayamaha, U., Bykov, E., Contreras-Puente, G., Bohn, R.G., Compaan, A.D. Radio-frequency-magnetron-sputtered CdS/CdTe solar cells on soda-lime glass 9554
Shao, M., Jayamaha, U., Bykov, E., Tabory, C.N., Compaan, A.D. Performance vs. microstructure in RF sputtered CdS/CdTe solar cells 39090
Shao, M.C. *see* Feleppa, E.J. 37719
Shao, R. *see* Walba, D.M. 44097
Shao, Y., Mayhew, J.E.W. Vertical disparity prediction for model-based stereo correspondence 5475
Shao, Y., Zhu, Z. Studies of spaceborne interferometric synthetic aperture radars 8345
Shao, Z., Kittler, J. Fuzzy non-iterative ARG labeling with multiple interpretations 5365
Shao, Z. *see* Jingwen Zhang 4083
Shao Beiling *see* Liu Zheng 2283
Shao Dingrong *see* Cheng Naiping 23606
Shao Fang-Ming *see* Fang-Ming Shao
Shao Haiming *see* Haiming Shao
Shao Heng *see* Heng Shao
Shao Hui-Qing *see* Hui-Qing Shao
Shao Jianda, Fan Zhengxiu, Yi Kui, Wang Runwen The roughness of the very thin Si films 27910
Shao Jianhua *see* Jianhua Shao
Shao Kai *see* Jin Biaobing 55146
Shao Ke-Ran *see* Ma Qi-Shuang 44945
Shao Kuo-Chih *see* Kuo-Chih Shao
Shao Lan *see* Lan Shao
Shao min Zhu *see* McKerrow, P.J. 36895
Shao Wensheng *see* Wensheng Shao
Shao Xhongshu *see* Sheq Deyuan 3764
Shao Xiaofeng *see* Xiaofeng Shao
Shao Xiaoping *see* Xiaoping Shao
Shao Xibin *see* Xibin Shao
Shao Yan *see* Yan Shao
Shao Yingbin, Liu Yuntao A high operating frequency and long lifetime driver for electro-optic Q-switches 23583
Shao Yu-Huai *see* Yu-Huai Shao
Shao Yuan, He Fachang, Peng Jian An approach of robot non-vision multi-sensor fusion 4835
Shao Yun *see* Guo Huadong 28606
Shao Yun Zhang *see* Zhang Shao Yun
Shao Zhengzhong *see* Zhang Yueping 10668
Shao Zhibiao *see* Han Xingcheng 58060
Shao Zong-Shu *see* Mu Xiao-Dong 43989
Shao Zong-Shu *see* Zhang Liang-Min 33674
Shao Zong-Shu *see* Zhang Liang-Min 55850
Shao Zongshu *see* Shen Deyuan 3791
Shao Zongshu *see* Zongshu Shao
Shao-Herng Chang *see* Chang Shao-Herng
Shao-Hong Kuah *see* Bo Jiang 3002
Shao-Hong Kuah *see* Tung-Sheng Chen 41539
Shao-Hui Shieh *see* Bin-Hong Lin 53136
Shao-Jen Lim, Harris, J.G. Combined LMS/F algorithm 45855
Shao-Kung Chang, Wen-Tong You, Pau-Lo Hsu Design of general structured observers for linear systems with unknown inputs 38756
Shao-Kung Chang *see* Daw-Shang Hwang 39866
Shao-Liang Zhang GPBi-CG: generalized product-type methods based on Bi-CG for solving nonsymmetric linear systems 40197
Shao-Liang Zhang *see* Abe, K. 21136
Shao-Liang Zhang *see* Cheng Hai Jin 21127
Shao-Pin Hung *see* Hung Shao-Pin
Shao-Po Wu, Boyd, S., Vandenberghe, L. FIR filter design via semidefinite programming and spectral factorization 34967
Shao-Pow Lin, Lihong Wang, Jacques, S.L., Tittel, F.K. Measurement of tissue optical properties by the use of oblique-incidence optical fiber reflectometry 37657
Shao-Qun Zhou *see* Jialing Cai 8134
Shao-Rong Wu *see* Wu Shao-Rong
Shaobo Liu *see* Liu Shaobo
Shaobo Sun *see* Shang, E.C. 18868
Shaochun Su *see* Su Shaochun
Shaofan Deng *see* Deng Shaofan
Shaofan Li, Wing Kam Liu Moving least-square reproducing kernel method. II. Fourier analysis 10460
Shaofeng Zhang *see* Zhang Shaofeng
Shaohan Ma *see* Ma Shaohan
Shaohe Chen *see* Chen Shaohe
Shaohong Wang *see* Yadong Jiang 52857
Shaohua Li *see* Tingkai Qin 53524
Shaohua Pan *see* Pan Shaohua
Shaohua Tan, Xinghu Zhang, Qi Zhu On a new kth-order quadratic learning algorithm 30569
Shaohua Tan *see* Yingduo Han 50376
Shaohua Zhang *see* Zhang Shaohua
Shaojun Du *see* Du Shaojun
ShaoJun Wei, Dupont, O., Nancy, T., Leroy, J., Crappe, R., Li Xu A chip architecture for 2.048 Mbits/s PDH/SDH mapping/desynchronisation 58058
Shaojun Wei *see* Jun Zhi 58075
Shaojun Xie *see* Xie Shaojun
Shaojun Zhang *see* Shengzhi Zhao 23838
Shaojun Zhang *see* Zhang Shaojun
Shaolin Xue *see* Xue Shaolin
Shaoling Guo *see* Guo Shaoling
Shaomin Chen *see* Chen Shaomin
Shaomin Wang, Xuanhui Lu, Qiang Lin, Daomu Zhao, Kang Li On the nature of diffraction and its applications 44621
Shaoming Liu, Tanaka, E. Algorithms for computing the distances between unordered trees 30496
Shaoming Shi *see* Shi Shaoming
Shaoming Zhu *see* Zhu Shaoming
Shaopeng Yang *see* Yang Shaopeng
Shaoping Bian *see* Bian Shaoping
Shaoping Li *see* Jun Yu 43584
Shaoqiang Zhang *see* Zhang Shaoqiang
Shaoqun Shen *see* Xinxin Li 32591
Shaoqun Shen *see* Shen Shaoqun
Shaoqun Zeng *see* Zeng Shaoqun
Shaori Guo, Luk, W. Compiling Ruby into FPGAs 11308
Shaorong Wu *see* Wu Shaorong
Shaotang Chen, Lipo, T.A., Fitzgerald, D. Modeling of motor bearing currents in PWM inverter drives 29673
Shaotang Chen, Lipo, T.A., Novotny, D.W. Circulating type motor bearing current in inverter drives 29694
Shaowei Xia *see* Xia Shaowei
Shaoxian Meng *see* Haiwu Yu 33639
Shaoxian Meng *see* Haiwu Yu 44148
Shaoxiong He *see* He Shaoxiong
Shaoyun Wang, Piuri, V., Swartzlander, E.E., Jr. Granularly-pipelined CORDIC processors for sine and cosine generators 21650
Shaozhen Xiong *see* Yong-Jing Wang 13739
Shaperman, J. *see* Landsberger, S. 37875
Shapira, M., Saphier, D. Analysis of the SPE1 in the PMK-NVH facility with DSNP 9053
Shapira, Y. *see* Fefer, E. 2027
Shapira, Y. *see* Leibovitch, M. 54160
Shapiro, A. Automatic classification of wafer defects: status and industry needs 30353
Shapiro, A.P. *see* Romaine, S.E. 28538
Shapiro, D. *see* Barequet, G. 15573
Shapiro, E., Park, Y.T., Budovsky, I., Gibbes, A.M. A new power transfer standard, its investigation and intercomparison 27345
Shapiro, E.G. *see* Gabitov, I. 23488
Shapiro, E.P. *see* Azhari, H. 37625
Shapiro, H.S. *see* Byrnes, J.S. 45615
Shapiro, I.I. *see* Jaldehag, R.T.K. 8351
Shapiro, J.A. *see* Balaji, S.S. 32491
Shapiro, J.H., Shakeel, A. Optimizing homodyne detection of quadrature-noise squeezing by local-oscillator selection 44668
Shapiro, J.H. *see* Greer, D.R. 27087
Shapiro, J.M. A fast technique for identifying zero-trees in the EZW algorithm 15907
Shapiro, L.C. *see* Pulli, K. 15522
Shapiro, L.G. *see* Costa, M.S. 15885
Shapiro, L.G. *see* Modayur, B.R. 5076
Shapiro, L.G. *see* Mustafa, A.A.Y. 5284
Shapiro, M. *see* DeWitt, J. 59243
Shapiro, M. *see* Sadrozinski, H.F.W. 37399
Shapiro, P. *see* Xapsos, M.A. 28566
Shapiro, R.S. *see* Yeung, N. 18513
Shapiro, S. *see* Abe, K. 37234
Shapiro, S.S., Gulati, S. Selecting failure monitoring times for an exponential life distribution 39935
Shapiro, V.I. Additional applications of computer-aided design of process control systems for power-generating units 19439
Shapkin, P.V. *see* Kozlovskii, V.I. 12719
Shapo, B.M., Crowe, J.R., Skovoroda, A.R., Eberle, M.J., Cohn, N.A., O'Donnell, M. Ultrasonic displacement and strain imaging of coronary arteries with a catheter array 28188
Shapo, B.M. *see* O'Donnell, M. 18366
Shaposhnikov, S.N. *see* Bazhanov, Yu.V. 13649
Shaposhnikov, V.L. *see* Filonov, A.B. 42009
Shaposhnikova, E. Bunch motion in the presence of the self-induced voltage due to a reactive impedance with RF off 49244
Shaposhnikova, E. *see* Bohl, T. 59175
Shaposhnikova, E.N. *see* Linnecar, T. 49238
Shapovalov, V.I. *see* Karpov, V.Yu. 30991
Sharaf, A.M., El-Sharkawy, R.M., Al-Fatih, R., Al-Ketbi, M. High impedance fault detection on radial distribution and utilization systems 19305
Sharaf, A.M., El-Sharkawy, R.M., Talaat, H.E.A., Badr, M.A.L. Novel alpha-transform distance relaying scheme 19388
Sharaf, A.M., Green, P.T. An novel adaptive rule based speed controller for PMDC motor drives 51729
Sharaf, A.M., Ibrahim, S.T. Optimal capacitor placement in distribution networks 28882
Sharaf, A.M., Lie, T.T. An elastic nonlinear power system stabilizer 50297
Sharaf, A.M., Lie, T.T. An artificial neural network coordinated excitation/governor controller for synchronous generators 60691
Sharaf, A.M. *see* Altas, I.H. 19637
Sharaf, A.M. *see* El-Sherbiny, M.K. 19174
Sharaf, A.M. *see* El-Sherbiny, M.K. 19220
Sharaf, A.M. *see* El-Sherbiny, M.K. 60288
Sharaf, A.M. *see* Lie, T.T. 28802
Sharaiha, A., La Bihan, J. Harmonic balance analysis of IM harmonic distortion in semiconductor lasers 55724
Sharaiha, A., Li, H.W., Bihan, J.L., Ropars, F. Analysis of the operation of a bidirectional optical bus made of two semiconductor laser amplifiers running up to 1.555 Gb/s 16696
Sharaiha, A., Li, H.W., Marchese, F., Le Bihan, J. All-optical logic NOR gate using a semiconductor laser amplifier 33176
Sharaiha, A., Terret, C., Blot, J.P. Printed quadrifilar resonant helix antenna with integrated feeding network 34283
Sharaiha, A. *see* Clenet, M. 56183
Sharaiha, A. *see* Rampone, T. 58300
Sharaiha, Y.M. *see* Marchand-Maillet, S. 5373
Sharamentov, S.I. A new energy recovering deQing for line-type pulse modulators 49052
Sharan, P., Ojha, S.P., Khastgir, P., Choudhury, P.K. Modal cutoff of an optical waveguide having a lemniscate of Bernoulli-type core cross-section 43991
Sharan, S. *see* Nagabushnam, R.V. 22494
Sharangovich, S. *see* Kovalenko, E. 24264
Sharangovich, S. *see* Kovalenko, E. 24266
Sharangovich, S.N. Peculiarities of acousto-optic filtration of light imaging in 3D nonuniform crystals 5462
Sharangovich, S.N. *see* Kovalenko, E.S. 4142
Sharangpani, R., Cherukuri, K.C., Singh, R. Importance of high energy photons in the curing of spin-on low dielectric constant interconnect materials 43511
Sharangpani, R., Singh, R. A computerized direct liquid injection, rapid isothermal processing assisted chemical vapor deposition system for a Teflon amorphous fluoropolymer 40568
Sharangpani, R. *see* Singh, R. 22493
Sharangpani, R. *see* Singh, R. 32498
Sharapa, A.N. *see* Aleksandrov, A.V. 49205
Sharapa, A.N. *see* Ciullo, G. 49158
Sharapov, K. *see* Moskalenko, Yu. 59744
Sharapov, V.N. *see* Dolgov, V.V. 38510
Sharda, N., Fatri, R., Abid, M. Applying deductive database technology to network management 46907
Sharda, T., Misra, D.S., Avasthi, D.K. Hydrogen in chemical vapour deposited diamond films 21338
Shareefuddin, M. *see* Jamal, M. 9475
Sharfer, I., Hero, A.O. A maximum likelihood CDMA receiver using the EM algorithm and the discrete wavelet transform 26471
Shargorodskii, V.D. *see* Vasil'ev, V.P. 44833

Shariat-Panahi, M., Toogood, R.W. A genetic algorithm based approach to parametric design of machine components 10365
Sharif, B.S. *see* Lawlor, M.A. 50187
Sharif, B.S. *see* Neasham, J.A. 48034
Sharif, B.S. *see* Thompson, D. 48032
Sharif, M.T. *see* Roberts, G.N. 60172
Sharif, S.S., Taylor, J.H., Hill, E.F. On-line optimal reactive power flow by energy loss minimization 50400
Shariff, M. Worth more with a V [digital subscriber lines] 6369
Sharin, A.B. *see* Moskvin, V.G. 25181
Sharipov, I.Z., Mulyukov, Kh.Ya. An optoelectronic instrument for measuring giant magnetostriction of rare-earth metals 27782
Sharkany, J. *see* Kikineshy, A. 36599
Sharkey, A.I. *see* Adiano, C. 52327
Sharkh, S.M.A., Harris, M.R., Crowder, R.M., Chappell, P.H., Stoll, R.L., Sykulski, J.R. Design considerations for electric drives for the thrusters of unmanned underwater vehicles 61263
Sharkh, S.M.Abu *see* Abu Sharkh, S.M.
Sharkov, B. *see* Bourgeois, M. 49273
Sharkov, B. *see* Collier, J. 18076
Sharkov, B. *see* Dornik, M. 59164
Sharkov, B. *see* Dubenkov, V. 18057
Sharkov, B.Y. *see* Haseroth, H. 49278
Sharkov, B.Yu. *see* Baranov, V.Yu. 18077
Sharkov, B.Yu. *see* Mroz, W. 59182
Sharkov, V.F. *see* Kornienko, L.S. 24037
Sharma, A., Roy, R.J. Design of a recognition system to predict movement during anesthesia 59749
Sharma, A., Szabados, J., Underhill, B., Varma, A.K. On some general lacunary interpolation problems 570
Sharma, A., Tong, B., Axford, N.R. Fourier theory explanation for the sampling theorem demonstrated by a laboratory experiment 9928
Sharma, A. *see* Agnello, M. 37458
Sharma, A. *see* Darwish, A. 23771
Sharma, A. *see* Naik, A. 4390
Sharma, A. *see* Subrahmanyam, P.A. 6317
Sharma, A.K., Sahu, K., Brashears, S. Total ionizing dose (TID) evaluation results of low dose rate testing for NASA programs 49938
Sharma, A.K. *see* Kuruvilla, B.A. 2353
Sharma, B.D. *see* Bernard, M.A. 56261
Sharma, C. *see* Ravikumar, C.P. 53098
Sharma, C.M. *see* Lindroth, A. 8856
Sharma, C.M. *see* Lindroth, A. 8857
Sharma, D.K. *see* Ramgopal Rao, V. 32089
Sharma, D.R. *see* Mohan, P. 17159
Sharma, E.K., Srivastava, S., Meunier, J.-P. Mode coupling analysis for the design of refractive ion exchange integrated optical components 44050
Sharma, E.K. *see* Srivastava, S. 43986
Sharma, G., Trussell, H.J. Set theoretic estimation in color scanner characterization 25567
Sharma, G., Trussell, H.J. Restoration of uncertain blurs using an error in variables criterion 57497
Sharma, G.D., Gupta, S.K., Roy, M.S. Electrical and photoelectrical properties of chromotrope 2R thin film devices, using different electrodes 42012
Sharma, G.D., Roy, M.S., Gupta, S.K. Investigation of electrical and photovoltaic behaviour of furfural resin thin film devices 42247
Sharma, G.D., Roy, M.S., Sangodkar, S.G., Gupta, S.K. Electrical and photovoltaic effects in organic p-n junction solar cell using furfural resin (FR) and thiazole yellow (TY) 51603
Sharma, G.D., Sangodkar, S.G., Roy, M.S. Effect of rare-earth doping on the electrical and photoelectrical properties of furazano[3,4-b]piperazine (FP) thin-film devices 3611
Sharma, G.D., Sangodkar, S.G., Roy, M.S. Influence of iodine on the electrical and photoelectrical properties of zinc phthalocyanine thin film devices 32082
Sharma, G.D., Sangodkar, S.G., Roy, M.S. Study on electrical and photoelectrical behaviour of thin films of allyl viologen (AV) in PVA matrix 42041
Sharma, K.K., Krishna, H., Singh, B. Bayes estimation of the mixture of hazard-rate model 30400
Sharma, K.M.S. *see* Sarkar, A. 35301
Sharma, L.B., Daido, A.H., Kato, Y., Nakai, S., Zhang, T., Mori, Y., Sasaki, T. Fourth-harmonic generation of picosecond glass laser pulses with cesium lithium borate crystals 14341
Sharma, L.B., Tiejun Zhang, Daido, H., Zeng, G.M., Kato, Y., Nakai, S. Subpicosecond Nd:glass laser system for kilovolt X-ray generation 33460
Sharma, L.B. *see* Zhang, T. 3973
Sharma, M., Mammone, R. Subword-based text-dependent speaker verification system with user-selectable passwords 15131
Sharma, M. *see* Verma, A.K. 41414
Sharma, M.P. *see* Peterson, P. 23834
Sharma, N., Ravikumar, C.P. Improving bridge-fault testability and confidence of IDDQ testing through circuit placement 21458
Sharma, N. *see* Kharbanda, O.P. 8147
Sharma, N.K. *see* Pinnu, M.R. 25849
Sharma, N.K. *see* Tagle, P.U. 5730
Sharma, P. *see* El-Gizawy, A.S. 39746
Sharma, P.C. *see* Gupta, R. 45375
Sharma, R. Principles of protection and relaying 41568
Sharma, R., Huang, T.S., Pavlovic, V.I., Zhao, Y., Lo, Z., Chu, S., Schulten, K., Dalke, A., Phillips, J., Zeller, M., Humphrey, W. Speech/gesture interface to a visual computing environment for molecular biologists 14947
Sharma, R., Sutanto, H. A framework for robot motion planning with sensor constraints 35050
Sharma, R. *see* Jain, S.K. 18421
Sharma, R. *see* Jong-Kai Lin 224
Sharma, R. *see* Stach, J. 6939
Sharma, R.D., Kumar, S., Gupta, S. Use of power spectral density in deriving response spectral shapes for aseismic design 9071
Sharma, R.K. *see* Pavel, M. 16854
Sharma, R.K. *see* Timpe, R.C. 60472
Sharma, R.P. *see* Dong, Z.W. 13499
Sharma, S. *see* Chaudhuri, S. 5471
Sharma, S.K., Mukherjee, P.K., Singh, K.P., Singh, D. Microwave signatures of maize-covered Earth surface 8294
Sharma, S.K., Vishvakarma, B.R. Radiation and scanning characteristics of a frequency scanning microstrip array antenna 24592
Sharma, S.L. Important aspects of determining trap parameters from isothermal current-time characteristics 28022
Sharma, S.N. *see* Das, D. 52793
Sharma, T.P. *see* Khan, Z.H. 3316
Sharma, U. *see* Bhattacharya, S. 41147
Sharma, V.K. *see* Gupta, M. 44036
Sharman, B.P. *see* Borman, J.B. 29810
Sharman, K.C. *see* Chambers, C. 15341
Sharman, R.A., Wright, J.H. A fast stochastic parser for determining phrase boundaries for text-to-speech synthesis 14935
Sharmit, K. *see* Acuna, M.H. 38011
Sharmit, K.S. *see* Stella, P.M. 38001
Sharon, A., Rosenblatt, D., Friesem, A.A. Narrow spectral bandwidths with grating waveguide structures 13672
Sharon, A. *see* Glasberg, S. 43998
Sharon, M., Mukhopadhyay, I., Mukhopadhyay, K. A photoelectrochemical solar cell from camphoric p-carbon semiconductor 51574
Sharon, M. *see* Mukhopadhyay, I. 42345
Sharonov, G.A. *see* Sokolov, A.D. 4716
Sharonova, L.V. *see* Berman, L.S. 12587
Sharony, J. A mobile radio network architecture with dynamically changing topology using virtual subnets 6551
Sharony, J. An architecture for mobile radio networks with dynamically changing topology using virtual subnets 6583
Sharov, Yu.A. *see* Abdulkadyrov, M.A. 58622
Sharp, C.L. Process control of solder paste with 1S4000 tool 22034
Sharp, J., Culver, R. Cooperative Learning in a manufacturing management course 20483
Sharp, J.E. Evaluating oral presentations in engineering classes 20561
Sharp, J.W., Volckmann, E.H., Lyon, H.B., Jr., Gillespie, D.J., Kamm, G.N., Ehrlich, A.C. Validation of thermoelectrics measurements. II 36958
Sharp, N.G., Hancock, E.R. A statistical process for surface tracking 35310
Sharp, P. *see* Iles, G. 18099
Sharp, R.C. *see* Friedman, L.J. 7635
Sharp, R.C. *see* Smith, I.W. 23718
Sharp, S.L. *see* Wachter, E.A. 7325
Sharp, V.M., Callahan, D.A., Grote, D.P. Longitudinal dynamics and stability in beams for heavy-ion fusion 18047
Sharp, W.M., Friedman, A., Grote, D.P. Effects of longitudinal space charge in beams for heavy-ion fusion 59130
Sharp, W.M. *see* Barnard, J.J. 59104
Sharp, W.M. *see* Friedman, A. 59103
Sharp, W.M. *see* Kwan, J.W. 59106
Sharp, W.M. *see* Tauschwitz, A. 59162
Sharpe, K. *see* Cole, B.L. 8179
Sharpe, P.H.G., Rajendran, K., Sephton, J.P. Progress towards an alanine/ESR therapy level reference dosimetry service at NPL 28470
Sharpe, R.G., Palmer, R.E. Evidence for field emission in electroformed metal-insulator-metal devices 32099
Sharpe, S. *see* Nagalingam, S. 43349
Sharples, R.M. *see* Gourlay, J. 55319
Sharps, P.R., Timmons, M.L., Messenger, S.R., Cotal, H.L., Summers, G.P., Iles, P.A. Development of p/n and n/p thick emitter InP solar cells 37978
Sharps, P.R. *see* Venkatasubramanian, R. 38973
Sharratt, P.N. *see* Sherlock, J.-P. 29908
Sharrot, M., Hungerford, S., Lilleyman, J. ObjectMap: integrating high performance resources into a distributed object-oriented environment 6112
Sharshar, A.A. *see* Bahnacy, A.I. 34245
Sharshar, H.A. *see* Balinacy, A.I. 56159
Sharuev, N.K. *see* Eroshenko, G.P. 36505
Sharuev, N.K. *see* Eroshenko, G.P. 48890
Sharygin, G.S. *see* Krutikov, M.V. 16963
Sharygin, L.M., Muromskii, A.Yu., Moiseev, V.E., Tret'yakov, D.S., Kukharev, N.D., Soldatov, N.N., Gorbatenko, S.P. Ultrapurification of condensates from evaporators in nuclear power plants for removal of radionuclides with a selective inorganic sorbent 38465
Shashich, R., Ramovich, R. New approximate model of MOS-devices with short channel 42999
Shashkin, A.A. *see* Dolgopolov, V.T. 54151
Shashkin, V.V. *see* Demyanenko, M.A. 17372
Shashkov, M. *see* Hyman, J.M. 30642
Shashua, A. On photometric issues in 3D visual recognition from a single 2D image 46172
Shastin, V.N. *see* Strijbos, R.C. 44587
Shastri, V. *see* Upadhyay, S.K. 52362
Shatalov, K. *see* Braile, D. 28399
Shatokhina, N.A. *see* Zubov, V.A. 56604
Shatrov, A. *see* Chuprin, A. 45104
Shatrova, E.A. *see* Shananin, R.A. 44432
Shatsev, A.N. *see* Borodin, V.G. 24064
Shattuck, D.P. *see* Darayan, S. 17744
Shatwell, I.R. *see* Bennett, P.J. 17828
Shau, Y.-W.R. *see* Chao-Wang Chen 18178
Shau-Shei Ma *see* Yuh-Ming Ferng 9039
Shau-Wei Hsu Computations of the accuracy of VSM 17299
Shaughnessy, T. Harmonics [power supply quality] 19311
Shaukatullah, H., Storr, W.R., Hansen, B.J., Gaynes, M.A. Design and optimization of pin fin heat sinks for low velocity applications 10145
Shaukatullah, H. *see* Claassen, A. 52286
Shaukatullah, H. *see* Gaynes, M.A. 39853
Shauly, A. *see* Averbakh, A. 59085
Shauly, E., Fastow, R., Komem, Y., Edrei, I. The effect of the pLDD implantation dose on pMOS transistor characteristics 54632
Shaver, D.C. *see* Burns, J.A. 22966
Shaver, L. *see* Ferguson, M.I. 37283
Shavgulidze, S. *see* Bossert, M. 4438
Shavgulidze, S. *see* Bossert, M. 14849
Shavit, N. *see* Afek, Y. 35494
Shavit, R. Impedance characteristics of a slot antenna fed by a parallel-plate waveguide 34269
Shavit, R. Circular polarization microstrip array on a conical surface 34369
Shavitt, Y. *see* Cidon, I. 46709
Shavlyuk, Yu.N. *see* Olikh, Ya.M. 12268
Shavrova, T.V. *see* Vasil'ev, S.V. 44374
Shaw, A. How PrintGear works [printer chip] 1442
Shaw, A.K., Imtiaz, M. New look-ahead algorithm for pipelined implementation of recursive digital filters 25158
Shaw, A.K. *see* Imtiaz, M. 4734
Shaw, A.K. *see* Pokala, S. 15278
Shaw, A.S. Smart cost effective measures for the manufacture of high volume and cost sensitive PCB's 11923
Shaw, B. *see* Corrigan, J. 59907
Shaw, B.J. *see* King, J.P. 16750
Shaw, D.B. *see* Edgar, D.R. 28389
Shaw, G. *see* Henshaw, G. 669
Shaw, G.B. *see* Enloe, C.L. 44912
Shaw, G.M., Dybdal, R.B. A simple nulling antenna for satellite systems 34327
Shaw, H.C. *see* Maki, G.K. 54786
Shaw, H.J. *see* Digonnet, M.J.F. 24086
Shaw, H.J. *see* Digonnet, M.J.F. 33017
Shaw, H.J. *see* Digonnet, M.J.F. 33040
Shaw, H.J. *see* Falquier, D.G. 13591
Shaw, H.J. *see* Falquier, D.G. 23780
Shaw, H.J. *see* Falquier, D.G. 33021
Shaw, I. *see* Mors, W. 51767
Shaw, I.S., Mors, W., Van Wyk, J.D. Embedded fuzzy controller for a DC locomotive 20183
Shaw, J. *see* Loboda, M.J. 310
Shaw, J. *see* Loboda, M.J. 52233
Shaw, J. *see* Munro, W.A. 50218
Shaw, J. *see* Zwart, T. 36368
Shaw, J.E. Contract manufacturing at a distance: improving productivity through effective interaction strategies 52167
Shaw, J.M., Buchwalter, S.L., Hedrick, J.C., Kang, S.K., Kosbar, L.L., Gelorme, J.D., Lewis, D.A., Purushothaman, S., Saraf, R., Viehbeck, A. Big Blue goes green [PCB environmental issues] 10229
Shaw, J.M. *see* LaBlanca, N.C. 43380
Shaw, L. *see* Grill, J. 20651
Shaw, L. *see* McShane, W. 20594
Shaw, L.B., Bowman, S.R., Feldman, B.J., Ganem, J. Spectroscopic investigations of mid-IR transitions of Pr^{3+} in $LaCl_3$ 3777
Shaw, M. *see* Hynes, K.M. 50831
Shaw, M. *see* Zelinka, D. 17163
Shaw, M.J., Wei, X., Varley, M.R. Nonuniform subband coding of audio signals employing frequency warping 25052
Shaw, M.J. *see* Jaros, M. 54239
Shaw, M.J. *see* Shannon, D.N.J. 41745
Shaw, M.J. *see* Xiang Wei 14855
Shaw, M.T., Yong-Ming Liu Modeling of thermal and radiative aging of polymeric cable materials 13270
Shaw, M.T. *see* Kanu, R.C. 970
Shaw, N.M. *see* Antos, J. 37373
Shaw, N.M. *see* Azzi, P. 37390
Shaw, N.M. *see* Bortoletto, D. 37383
Shaw, R. *see* Bhasavanich, D. 33878
Shaw, R. *see* Hammon, J. 51263
Shaw, R.E. Vectorizing multistep methods for nonlinear volterra integro-differential equations 10467
Shaw, R.E. *see* Garey, L.E. 21179
Shaw, S. *see* Stach, J. 6939
Shaw, S.Y. *see* Krisa, W.L. 42842
Shaw, T.M., Hu, C.-K., Lee, K.Y., Rosenberg, R. Copper migration and precipitate dissolution in aluminum/copper lines during electromigration testing 42772
Shaw, T.R.D. *see* Kearney, P.P. 49561

Shaw, T.R.D. *see* Lange, A. 49560
Shaw, W. *see* Silva, R. 28714
Shaw, W.J., Williams, A.J., III, Trowbridge, J.H. Measurement of turbulent sound speed fluctuations with an acoustic travel-time meter 38100
Shaw, W.T., Dougan, A.J., Tough, R.J.A. Analytical expressions for correlation functions and Kirchhoff integrals for Gaussian surfaces with ocean-like spectra 4218
Shaw Sen-Yen *see* Sen-Yen Shaw
Shaw-Cheng Chuang Improving the X.509 protocol for ATM networks 57643
Shaw-Cherng Shyu *see* Mill-Jer Wang 54766
Shaw-Min Lei, Arnold, H.W. The performance of a high-mobility PACS radio link with time delay spread 6560
Shawe-Taylor, J., Zhao, J. Generalisation of a class of continuous neural networks 53484
Shawe-Taylor, J. *see* Wood, J. 4972
Shawe-Taylor, J. *see* Wood, J. 35029
Shawky, A.I. The single-server machine interference model with balking, reneging and an additional server for longer queues 10255
Shawming Ma *see* Friedmann, J.B. 32078
Shawming Ma *see* Kinoshita, T. 2362
Shawn-Yu Lin, Hietala, V.M., Li Wang, Jones, E.D. Highly dispersive photonic band-gap prism 3532
Shay, L.K. *see* Chin, D.A. 50088
Shay, L.K. *see* Haus, B.K. 50152
Shay, W.T. *see* Lao, R.R. 27298
Shayan, Y.R., Le-Ngoc, T. A cellular structure for a versatile Reed-Solomon decoder 24649
Shaylor, H.R. *see* Beringer, J. 37394
Shchagin, A.V. Spectral-angular distribution and absolute differential yield of parametric X-ray radiation 17889
Shchebunjaev, A.G. *see* Bubnov, M.M. 13596
Shchedrin, I.S. *see* Mishin, A.V. 49277
Shcheglov, A.S., Sidorenko, V.D., Proselkov, V.N., Bol'shagin, S.M. Formation and development of a surface layer in the BBER-440 fuel core 60517
Shcheglov, M.P. *see* Andreev, A.N. 12677
Shcheglov, M.P. *see* Andreev, A.N. 52604
Shcheglov, V.A., Stepanov, A.A., Troshchenkov, S.V. On the possibility of phase conjugation of CW multifrequency HF-laser radiation using Bragg scattering in a HBr-Xe mixture 33671
Shcheglov, V.A. *see* Buchanov, V.V. 13917
Shcheglov, V.A. *see* Fedorovskii, A.M. 3920
Shcheglov, V.A. *see* Kononov, E.N. 18916
Shcheglov, V.A. *see* Reshetnyak, S.A. 33672
Shcheglov, V.I. *see* Vashkovskii, A.V. 55032
Shchelkachiov, M.V. *see* Preshchepenko, A.B. 53065
Shchelkanovtsev, N.M. Heuristic algorithm for determining the laws governing a physical process from the results of observation 48276
Shchelyakalov, Yu.Ya. *see* Martynov, V.A. 60663
Shchelykalov, Yu.Ya. *see* Martynov, V.A. 9157
Shchemelev, V.N. *see* Lees, J.E. 37535
Shchepina, L.I. Nature of remanent absorbance in passive laser shutter utilizing lithium fluoride crystals with F_2^+ color centers 24052
Shcherbachenko, L.A. *see* Metsik, M.S. 54982
Shcherbachev, R.I. *see* Akimov, V.A. 28024
Shcherbakov, A.S., Andreeva, E.I., Tarasov, I.S. Experimental investigation of the guiding-center solitons in optical fiber 33002
Shcherbakov, A.S., Kosarsky, A.Yu. Formation of picosecond optical solitary waves in multilayered semiconductor laser structures 23954
Shcherbakov, A.S., Pozdnov, I.B. Formation of acoustooptical bound states by optical pulses 44127
Shcherbakov, I.A. *see* Alpat'ev, A.N. 55544
Shcherbakov, I.A. *see* Mikhailov, V.A. 44402
Shcherbakov, I.A. *see* Ostroumov, V.G. 55897
Shcherbakov, L.A. *see* Ostroumov, V.G. 3801
Shcherbakov, M.A. A parallel architecture for adaptive frequency-domain Volterra filtering 45982
Shcherbakov, M.A. Pareto optimal nonlinear filters for image enhancement 56980
Shcherbin, K., Odoulov, S., Litvinov, R., Shandarov, E., Shandarov, S. Contribution of nonlinear absorption and elasto-optic effect in photorefractive grating recording in GaAs 3306
Shcherbin, K., Shumeljuk, A., Odoulov, S., Fochuk, P., Brost, G. Relaxation of photorefractive gratings in cadmium telluride crystals 14463
Shcherbitskii, V.G. *see* Lagatskii, A.A. 44403
Shchetinin, A.A. *see* Nebol'sin, V.A. 10673
Shchukin, V.A. *see* Ledentsov, N.N. 2177
Shchukin, V.G. *see* Zhukov, M.F. 38600
She, A.C. *see* Yong Rui 56723
She, N.J. *see* Ku, T.K. 41740
She, W.L., Yu, Z.X., Lee, W.K. Laser beam deflection in a photorefractive crystal induced by lateral beam movement 24207
She Jingzhao *see* Feng Zhenghe 58461
She Qun *see* Qun She
She Shou Xian *see* Shou Xian She
She Wei-Long, Chen Ying-Yu, Yu Zhen-Xin, Lee Wingkee Mutual quenching of self-pumped phase conjugation by incoherent ps laser pulses 44635
She Weilong, Yu Zhenxin, Lee Wingkee 532 nm CW laser beam self-pumped phase conjugation induced by a photorefractive waveguide in Cu doped KNSBN crystal 33713
She Yuhua *see* Chen Wufan 59552
She Zhishun *see* Zhishun She
Shea, L.E. *see* Hirata, G.A. 55416
Shea, L.E. *see* Lopez, O.A. 55405
Shea, S. *see* Wohlgemuth, J.H. 39157
Shead, W.D. *see* Gorur, R.S. 38402
Shealy, B., Mishra, U.K. 0.2 μm gate length, non-alloyed P+-AlInAs/N-AlInAs/GaInAs JHEMTs with f_t=62 GHz 1707
Shealy, D.L. *see* Wu Jiang 4097
Shealy, J.R. *see* Davidson, A.C. 58752
Shean-Guang Chiou *see* Chao-Hsin Chien 22743
Shean-Guang Chiou *see* Chao-Hsin Chien 54291
Sheard, F.W. *see* Eaves, L. 42158
Sheard, F.W. *see* Wilkinson, P.B. 12477
Sheard, S. *see* Tingdi Liao 44030
Sheard, S. *see* Tingdi Liao 55926
Sheard, S.J. *see* Ming Li 13677
Shearer, K., Venkatesh, S., Kieronska, D. Spatial indexing for video databases 46458
Shearer, W. *see* Kui-Nang Mak 28980
Shearwood, C., Mattingley, A.D., Gibbs, M.R.J. Growth and patterning of amorphous FeSiBC films 32806
Shearwood, C. *see* Gibbs, M.R.J. 2855
Shearwood, C. *see* Yates, R. 27548
Sheats, J.R. *see* McElvain, J. 3630
Sheau Chen, Sun, Y.H. High throughput excimer laser annealing system for low temperature for poly-Si TFT AMLCD manufacturing 13724
Sheau-Ru Tong *see* Pavan, A. 58281
Sheau-Shi Pan, Gwo-Sheng Peng, Hsien-Chi Yeh, Wei-Tou Ni Experimental progress towards new definition of the kilogram using scanning atomic probes and picometer laser metrology 27200
Sheau-Shong Bor, Jiu-Chyun Liu, Shu-Ming Yeh Using feedback techniques to design a stable and matching condition for microwave transistor amplifiers 41442
Shebanovs, L. *see* Sternberg, A. 43503
Sheble, G. *see* Kumar, J. 19096
Sheble, G. *see* Kumar, J. 60283
Sheble, G. *see* Kumar, J. 60463
Sheble, G. *see* Kumar, J. 60464
Sheble, G.B. Priced based operation in an auction market structure 19097
Shechter, R., Amitai, Y., Friesem, A.A., Reinhorn, S. Planar holographic configuration for efficient imaging 4108
Shechter, R., Reinhorn, S., Amitai, Y., Friesem, A.A. Planar holographic elements with uniform diffraction efficiency 4151
Sheeba, V.S. *see* Tafti, H.A. 3836
Sheehan, F.H. *see* Martin, R.W. 28128
Sheehan, F.H. *see* Suri, J.S. 18247
Sheehan, F.H. *see* Suri, J.S. 37731
Sheehan, F.H. *see* Xiang-Ning Li 28127
Sheehan, J. *see* Liu, Y. 36998
Sheehan, J.J., Duffield, J.A., Coulon, R.B., Camobreco, V.J. Life-cycle assessment of biodiesel versus petroleum diesel fuel 28986
Sheehan, L., Kozlowski, M., Stolz, C., Genin, F., Runkel, M., Schwartz, S., Hue, J. Large area damage testing of optics 3956
Sheehan, R. *see* Valladares, C.E. 24484
Sheehan, T. Smart materials in construction 21391
Sheehy, D.J., Armstrong, C.G., Robinson, D.J. Computing the medial surface of a solid from a domain Delaunay triangulation 30665
Sheehy, R.C., Blackburn, T.R., Rungis, J. Accelerated aging of high voltage stator bars using a power electronic converter 9176
Sheen, C.-S. *see* Shie, J.-S. 17369
Sheen, D. *see* VandenBerg, N. 8344
Sheen, D.B. *see* Wang Qingwu 13683
Sheen, D.M., Collins, H.D., Gribble, R.P., McMakin, D.L. Comparison of active millimeter-wave and acoustic imaging for weapon detection 50248
Sheen, D.R., Lewis, T.B. The P-3 ultra-wideband SAR 8346
Sheen, D.R., VandenBerg, N.L., Shackman, S.J., Wiseman, D.L., Elenbogen, L.P., Rawson, R.F. P-3 ultra-wideband SAR: description and examples 19021
Sheen Horn-Jiunn *see* Horn-Jiunn Sheen
Sheen Shyang Roeng *see* Shyang Roeng Sheen
Sheergar, M.K., Smy, T., Dew, S.K., Brett, M.J. Simulation of three-dimensional refractory metal step coverage over contact cuts and vias 54520
Sheers, K.R. HP OpenView event correlation services 5929
Shefter, A.P., Grose, B.L. A real time talking port entrance current monitoring system 38085
Shegeda, A.M., Khabibullin, B.M., Lisin, V.N., Zuikov, V.A., Samartsev, V.V. Changes of photon echo by electromagnetic pulses in $LaF_3:Pr^{3+}$ 14402
Shehadeh, H.H. *see* Arkadan, A.A. 51678
Shehata, S., Haroun, B., Al-Khalili, A. A methodology for high level synthesis of high performance DSP structures targetting FPGAs 53307
Shehata, S., Haroun, B., Al-Khalili, A.J. Performance optimization and system clock determination for synthesis of DSP cores targeting FPGAs 11500
Sheik-Bahae, M. Femtosecond Kerr-lens autocorrelation 59058
Sheik-Bahae, M. *see* Rudolph, W. 55389
Sheik-Bahae, M. *see* Zeller, J. 23765
Sheikh, A.K., Zubair, S.M., Haq, M.U., Budair, M.O. Reliability-based maintenance strategies for heat exchangers subject to fouling 30118
Sheikh, A.K. *see* Qureshi, F.S. 52872
Sheikh, A.U.H. *see* Hendessi, F. 45632
Sheikh, H., Zhu, B., Micheli-Tzanakou, E. Blood cell identification using neural networks 7904
Sheikh, S.I. *see* Dillon, B.M. 11687
Sheikh, S.I. *see* Gibson, A.A.P. 55067
Sheiko, L., Moroshkin, A., Gaiduk, S. The characteristic properties of magnetization processes of 3% Si-Fe sheets in transformer cores 1746
Sheil, A.E., Hall, M. Decommissioning program-sharing experience 19499
Sheinberg, M., Hayashi, R., Bromley, J., Dormer, L. Application of telethermography in the evaluation of preterm premature rupture of the fetal membranes 49469
Sheinkman, M.K. *see* Kislyuk, V.V. 12219
Sheinkopf, K. *see* T-Raissi, A. 20193
Sheinvald, J., Kiryati, N. On the magic of SLIDE 46326
Sheinvald, J. *see* Wax, M. 34763
Shekarforoush, H., Berthod, M., Zerubia, J., Werman, M. Sub-pixel Bayesian estimation of albedo and height 25544
Shekhar, C. *see* Chellappa, R. 27070
Shekhar, R., Cothren, R.M., Vince, D.G., Cornhill, J.F. Fusion of intravascular ultrasound and biplane angiography for three-dimensional reconstruction of coronary arteries 28299
Shekhar, R. *see* Chandra, S. 49527
Shekhar, V. *see* Gonzalez, F. 40881
Shekhawat, G.S. *see* Kuruvilla, B.A. 2353
Shekhter, R.I. *see* Gorelik, L.Y. 54210
Shekhtman, L. *see* Bouclier, R. 37262
Shekhtman, L.I. Tracking with micro-strip gas chambers 37216
Shekter, R.I. *see* Tageman, O. 31939
Shekunov, B.Yu. *see* McEwan, A. 685
Shekunov, B.Yu. *see* Ristic, R.I. 684
Shelby, R.M. *see* Bernal, M.-P. 14427
Sheldon, P. *see* Albin, D. 40548
Sheldon, P. *see* Moutinho, H.R. 30870
Sheldon, P. *see* Rose, D.H. 39060
Sheldon, P. *see* Xiaonan Li 39105
Sheldon, R. SynCoal process improves low-rank coals 38618
Sheldon, S., Zadzora, T. The intraformation positioning system providing situational awareness to SOF air crews 18650
Shelepin, L.A. *see* Kononov, E.N. 18916
Shelepin, Yu.E. *see* Krasil'nikov, N.N. 56603
Shelhamer, J.H. *see* Summers, R.M. 37646
Sheling Zhang *see* Zhang Sheling
Shelke, V.K. *see* Tewari, H.S. 54102
Shelkovnikov, A.S. *see* Gubin, M.A. 7129
Shelkovnikov, A.S. *see* Tyurikov, D.A. 27819
Shelkovnikov, V.V. *see* Zhuravlev, F.A. 24140
Shell, M. *see* Rigole, P.-J. 58283
Shellenbarger, Z.A., Mauk, M.G., DiNetta, L.C., Charache, G.W. Recent progress in InGaAsSb/GaSb TPV devices 39226
Shellman, S. *see* Boning, D.S. 42492
Shellock, F.G. MR imaging and cervical fixation devices: evaluation of ferromagnetism, heating, and artifacts at 1.5 tesla 59410
Shellock, F.G. *see* Kanal, E. 8011
Shelly, V. To the far ends of the Earth [mobile personal satellite systems] 6492
Shelor, F.M. Repowering with diesels: they're not just for black start anymore 50805
Shelton, D.A. Technical Specification Improvements: a lead plant's perspective [nuclear plants] 38549
Shelton, J.C. *see* Lee, P.H.Y. 18885
Shelton, J.C. *see* Lee, P.H.Y. 18889
Shelton, R.N. *see* Fuller-Mora, W.W. 32899
Shelukhin, A.I. *see* Aleshkevich, V.A. 33001
Shelushinina, N.G. *see* Arapov, Yu.G. 54145
Shemanin, Y. *see* Lopota, V. 16245
Shemesh, D. *see* Eyal, O. 43927
Shemyakin, A.V. *see* Aleksandrov, A.V. 49205
Shemyakin, A.V. *see* Ciullo, G. 49158
Shemyakin, I.A. *see* Bochkov, V.D. 28949
Shemyakin, I.A. *see* Bochkov, V.D. 28950
Shemyakin, I.A. *see* Bolotov, A.V. 22124
Shen, A., Ohno, H., Matsukura, F., Sugawara, Y., Ohno, Y., Akiba, N., Kuroiwa, T. (Ga,Mn)As/GaAs diluted magnetic semiconductor superlattice structures prepared by molecular beam epitaxy 40393
Shen, A. *see* Tang, B. 34693
Shen, B., Robinson, A.M., Allegretto, W., Yuan Ma, Bing Yu, Ming Hu Magnetically actuated CMOS micromachined cantilever-in-cantilever devices 13190
Shen, B., Sethi, I.K. Convolution-based edge detection for image/video in block DCT domain 46465
Shen, B., Sethi, I.K., Bhaskaran, V. Digital video blue screen editing in compressed domain 57358
Shen, B., Zhang, X.Y., Yang, K., Chen, P., Zhang, R., Shi, Y., Zheng, Y.D., Sekiguchi, T., Sumino, K. Gettering of Fe impurities by bulk stacking faults in Czochralski-grown silicon 41880
Shen, B. *see* Meunier, M. 17581
Shen, C.H. The importance of diamond coated tools for agile manufacturing and dry machining 51889
Shen, C.L. *see* Yuang, M.C. 6329
Shen, C.Y. *see* Yijun Lu 45046
Shen, D. *see* Hai Liu 19864

Shen, D.-F., Wang, S.-C. Measurements of JND property of HVS and its applications to image segmentation, coding and requantization 15602
Shen, D.-F. *see* Shen, J. 56613
Shen, D.H., Chien-Meen Hwang, Lusignan, B.B., Wooley, B.A. A 900-MHz RF front-end with integrated discrete-time filtering 11569
Shen, D.H. *see* Hua Lu 2447
Shen, D.S. *see* Gleskova, H. 12739
Shen, D.Z. *see* Ding, Y. 14312
Shen, G. *see* Hartley, R.H. 10740
Shen, G.Q., Tam, W.Y., Li, K.C. Mutual coupling between microstripline fed slot antennas 34406
Shen, H., Dutta, M. Band-structure engineering in novel optoelectronic devices 22417
Shen, H. *see* Hwang, J.S. 22328
Shen, H. *see* Li, Y. 12779
Shen, H. *see* Venema, S. 21076
Shen, H. *see* Weimin Zhou 12408
Shen, H. *see* You, J. 25326
Shen, H. *see* You, J. 35317
Shen, H.M. *see* Gong, F.F. 2861
Shen, J., Ebbini, E.S. Real-time 3D pulse-echo ultrasonic imaging with coded-excitation systems 58495
Shen, J., Shen, D.-F. Image characterisation by fast calculation of Legendre moments 56613
Shen, J., Wang, H., Cain, C., Ebbini, E.S. A post-beamforming processing technique for enhancing conventional pulse-ultrasound imaging contrast resolution 28108
Shen, J. *see* Kirilyuk, A. 3154
Shen, J. *see* Ren, S.-F. 31972
Shen, J.H., Ray, A., Levine, S. A decision support system for maintenance management of a boiling-water reactor power plant 9058
Shen, J.I. *see* Lin, L.Y. 3331
Shen, J.L. *see* Lin, L.Y. 32579
Shen, J.L. *see* Lin, L.Y. 33105
Shen, J.L. *see* Lin, L.Y. 44045
Shen, J.X. *see* Kirby, R.D. 55046
Shen, J.Y., McGinley, W.M. A finite element model for the aeroelasticity analysis of the hypersonic panels. I. Theory 18594
Shen, L. *see* Liu, Q.Z. 40305
Shen, L. *see* Zhang, W. 35277
Shen, L.C. *see* Darayan, S. 17744
Shen, L.K. *see* Wu, J.Y. 14374
Shen, M.Y. *see* Bagnall, D.M. 55710
Shen, P.K. *see* Tseung, A.C.C. 20008
Shen, Q. *see* Umbach, C.C. 22564
Shen, S., Johnston, K.S., Yee, S.S. Optical lightpipe sensor based on surface plasmon resonance 48489
Shen, S.-H. *see* Mosleh, A. 9079
Shen, S.H. *see* Smidts, C. 38493
Shen, T., Dou, W., Sun, Z. A new type of high efficiency Gaussian beam launcher 34320
Shen, T., Sun, Z., Dou, W. Asymmetrical Gauss-Hermite beam mode analysis of corrugated pyramidal rectangular horn 14712
Shen, T. *see* Sousa, J.T. 11887
Shen, T.L. *see* Wang, D.P. 2016
Shen, T.W.H. *see* Wang, M.M.T. 40271
Shen, W. *see* Kelly, K.L. 4275
Shen, W.-Z. *see* Liu, P.-C. 56868
Shen, W.Z. *see* Dong Sun 59780
Shen, W.Z. *see* Perera, A.G.U. 48530
Shen, X., Deng, L. Decomposition solution of H_∞ filter gain in singularly perturbed systems 45873
Shen, X., Vilar, E. The joint effects of an evaporation duct and high k-factor conditions on a microwave trans-horizon path over the sea 24487
Shen, X. *see* Ndzi, D. 35918
Shen, X. *see* Wagner, B. 17671
Shen, X.-M., Deng, L. Game theory approach to discrete H_∞ filter design 45956
Shen, X.A., Bai, Y.S., Kachru, R. Demonstration of optical ATM header decoding by spectroholographic filtering 16680
Shen, X.A., Kachru, R. Experimental demonstration of impulse-equivalent time-domain optical memory 32992
Shen, X.A. *see* Kachru, R. 4157
Shen, X.C. *see* Wang, H.B. 32918
Shen, X.C. *see* Wang, H.B. 53611
Shen, X.C. *see* Xue, S.Q. 27232
Shen, X.Q., Ren, H.W., Tanaka, M., Nishinaga, T. Real-time observations of faceting and shrinkage processes of disk-shaped mesas in GaAs molecular beam epitaxy on GaAs(111)B substrates 30781
Shen, Y. *see* Freeman, A. 27011
Shen, Y. *see* Hashimoto, H. 28126
Shen, Y. *see* Jordan, R.L. 8348
Shen, Y. *see* Jordan, R.L. 50025
Shen, Y. *see* Wu, K.Y. 1077
Shen, Y.-N., Park, N., Lombardi, F. Spare cutting approaches for repairing memories 1382
Shen, Y.I., Suresh, S., Blech, I.A. Processing-induced stresses and curvature in patterned lines on silicon wafers 42788
Shen, Y.Q. *see* Trahms, L. 49492
Shen, Z. *see* Yang, W. 26947
Shen, Z.-K. *see* Li, Z.-Y. 15590
Shen, Z.-X., MacPhie, R.H. Rigorous evaluation of the input impedance of a sleeve monopole by modal-expansion method 14720
Shen, Z.-X., MacPhie, R.H. A simple method for calculating the reflection coefficient of open-ended waveguides 56086
Shen, Z.J., Robb, S.P., Taomoto, A. Current sensing characteristics of IGBTs under short circuit conditions 43081
Shen, Z.X., Jong, C.C. On fast exploration of ASIC design space 54767
Shen, Z.X. *see* Low, B.I. 30938
Shen Ba-Zhong *see* Ba-Zhong Shen
Shen Bo *see* Yang Kai 48516
Shen Chengwu *see* Dai Shiliang 49373
Shen Chi-Yen *see* Chi-Yen Shen
Shen Chien-Chung *see* Chien-Chung Shen
Shen Chinming *see* Chinming Shen
Shen Chunlin *see* Yuan Weidong 28547
Shen Congcong *see* Congcong Shen
Shen Danfei *see* Danfei Shen
Shen Day-Fann *see* Day-Fann Shen
Shen De-Xin *see* Zhang Jian 43418
Shen Deyuan, Wang Changqing, Shao Zongshu, Jiang Minhua Optimization of cavity parameters of LD end-pumped intracavity frequency doubled lasers 3791
Shen Dezhong *see* Xia Zonghuang 44012
Shen Ding-Lan *see* Ding-Lan Shen
Shen Ding-Yu *see* Ding-Yu Shen
Shen Dinggang *see* Dinggang Shen
Shen Diyun *see* Xia Zonghuang 44012
Shen Fenglin, Chang Chunqi Rapid convergence of beam pattern in adaptive digital beamforming 4397
Shen Fenglin *see* Ye Zhongfu 6999
Shen Han-Wei *see* Han-Wei Shen
Shen Hongyuan Thermal effects in a tetragonal Nd:YLF crystal laser 14070
Shen Jia-Cong *see* Huang Jing-Song 44285
Shen Jia-Cong *see* Tian Wen-Jing 44258
Shen Jia-Lin *see* Jia-Lin Shen
Shen Jiacong *see* Gao Mingyuan 31828
Shen Jiacong *see* Sun Changqing 36785
Shen Jiacong *see* Jiacong Shen
Shen Jian *see* Jian Shen
Shen Jianzhong *see* Sun Baoshen 60128
Shen Jie *see* Jie Shen
Shen Jing Collective mechanism of cooling-damping resistance in 2D pairs and plasmons of crystal absorbers for muon beams 17971
Shen Jing New physics of technology and full parallel data-out detectors for $\mu^+\mu^-$ colliders and quantum accelerators 18109
Shen Jinxing *see* Jinxing Shen
Shen Jinyuan *see* Chang Shengjiang 13749
Shen Jun *see* Jun Shen
Shen Ke *see* Yang Huaijiang 4076
Shen Ke *see* Ke Shen
Shen Keqiang *see* Yu Meifang 58696
Shen Li Applications of programmable controller to the vacuum system of high current ion implanter 54363
Shen Lincheng *see* Wu Erhui 27112
Shen Liying, Qing Xianming Study of a broadband millimeter-wave omnidirectional antenna 14729
Shen Meng *see* Meng Shen
Shen Ming-Rong *see* Ming-Rong Shen
Shen Naicheng, Zhang Yong, Zhang Xuebin Frequency differences and reproducibility investigation on iodine stabilized He-Ne lasers at 474 THz (633 nm) with compatible system of third and fifth harmonic locking 13976
Shen Qiang *see* Li Xiaoxian 52322
Shen Qiang *see* Qiang Shen
Shen Qihua, Zhu Wenzhang, Wang Yujiang, Cai Yushuang The effect of preparation conditions on the properties of SnO_2/Si 840
Shen Qimin *see* Qimin Shen
Shen Qishun *see* Zhou Zhengli 7307
Shen Qun *see* Qun Shen
Shen Shaoqun *see* Lin Huamao 54900
Shen Shaoqun *see* Shaoqun Shen
Shen Shih-Jye *see* Shih-Jye Shen
Shen Shuqun *see* Shuqun Shen
Shen Sisan *see* Sisan Shen
Shen Song-Hua *see* Song-Hua Shen
Shen Songhua *see* Zhu Lizhi 51311
Shen Sui *see* Sui Shen
Shen Sze-Chieh *see* Wu Ching-Mo 60478
Shen Tak-Wai *see* Tak-Wai Shen
Shen Tao *see* Tao Shen
Shen Tianhui *see* Ding Guifu 51460
Shen Wanci *see* Qiu Xinping 61040
Shen Wang, Crouch, P., Armbruster, D. Bifurcation analysis of oscillations in electric power systems 50323
Shen Wei *see* Wei Shen
Shen Wen *see* Wen Shen
Shen Wen-Zen *see* Wen-Zen Shen
Shen Wenzhong, Huang Xingliang, Tang Wenguo, Li Ziyuan, Shen Xuechu, Dimoulaas, A. Photocurrent spectroscopy of δ-doped HEMTs $Al_{0.30}Ga_{0.70}As/In_{0.15}Ga_{0.85}As/GaAs$ 32455
Shen Wu Wei *see* Wei Shen Wu
Shen Xialing *see* Lu Zhongrong 28489
Shen Xiaojun *see* Xiaojun Shen
Shen Xubang *see* Yuan Xiaolong 52982
Shen Xuechu *see* Shen Wenzhong 32455
Shen Xuechu *see* Shi Xiaohong 1982
Shen Xuekui *see* Chen Bing 16077
Shen Xueqin *see* Wu Qing 51389
Shen Xuqiang *see* Ren Hongwen 10685
Shen Yan *see* Yan Shen
Shen Yanchun *see* Dai Shiliang 49373
Shen Yaozhong *see* Zhang Zongdu 48759
Shen Yong *see* Yong Shen
Shen Yongchao *see* Cai Yueming 53368
Shen Youngzhao *see* Youngzhao Shen
Shen Youting *see* Zheng Rongchuan 17868
Shen Yuchao *see* Yuchao Shen
Shen Yuehong, Yang Ying, Qian Zuping Robust estimation method for adaptive signal processing 15313
Shen Yuquan, Qiu Ling, Zhang Jiaxing, Zhai Jianfeng, Yuan Ping, Xia Zongju, Zou Yinghua Optical Kerr effect observed in a novel vanadium phthalocyanine and analysis of its decay dynamics 14251
Shen Yuzhen, Shi Jiying, Xing Qirong, Wang Qingyue, Fang Zhenyi, Huang Chaoen A flashlamp-pumped Cr:LiCAF laser 33462
Shen Zhe *see* Liu Xiaoting 48914
Shen Zhen-Kang *see* Zhen-Kang Shen
Shen ZhengKang *see* Li JiCheng 8643
Shen Zhongxiang *see* Zhongxiang Shen
Shen-Chuan Tai *see* Yih-Chuan Lin 5515
Shen-en Qian, Hollinger, A.B., Williams, D., Manak, D. Fast three-dimensional data compression of hyperspectral imagery using vector quantization with spectral-feature-based binary coding 15973
Shen-Iuan Liu, Chen-Chieh Chang Low-voltage CMOS four-quadrant multiplier 31414
Shen-Iuan Liu, Ching-Yuan Yang Higher-order immittance function synthesis using CCIIIs 11558
Shen-Iuan Liu, Chorng-Sii Hwang Realization of current-mode filters using single FTFN 53421
Shen-Iuan Liu, Jiin-Long Lee Voltage-mode universal filters using two current conveyors 53415
Shen-Iuan Liu, Po-Ki Chen Low-voltage CMOS subthreshold four-quadrant tripler 31412
Shen-Li Fu *see* Jing Lee 31109
Shen-Li Fu *see* Yu-Jung Huang 10088
Shen-Nan Huang *see* Dong-Hwa Lu 56419
Shen-Whan Chen, Aina, O., Weiqi Li, Phelps, L., Lee, T. An accurately scaled small-signal model for interdigitated power P-HEMT up to 50 GHz 54708
Shenai, K. *see* Fischer, K. 54639
Shenai, K. *see* Pendharkar, S. 54640
Shenai, K. *see* Trivedi, M. 2596
Shenai, K. *see* Trivedi, M. 22835
Shenai, K. *see* Trivedi, M. 54657
Shenasa, H. *see* Sierra, G. 59730
Shenderovskii, V.A. *see* Baidakov, V.V. 22199
Shener Chen *see* Zhisheng Lin 14721
Sheng, B.L., van der Sluis, L. Comparison of synthetic test circuits for ultra-high-voltage circuit breakers 9420
Sheng, H., Amin, F., Rezazadeh, A.A. Effects of alloying and bias stress on the base contacts of AlGaAs/GaAs HBTs 54602
Sheng, J., Wang, L., Lux, G.E. SIMS characterization of HgCdTe and related II-VI compounds 2304
Sheng, J. *see* Ghante, V. 12687
Sheng, K., Finney, S.J., Williams, B.W. Fast and accurate IGBT model for PSpice 12925
Sheng, O.R.Liu *see* Liu Sheng, O.R.
Sheng, Y.Q. *see* Dostanko, A.P. 43824
Sheng Biao *see* Yu Donghau 56022
Sheng Chang Pi *see* Pi Sheng Chang
Sheng Chao Tien *see* Tien Sheng Chao
Sheng Chengdi *see* Chengdi Sheng
Sheng Fan, Zhixiang Zhao A semiempirical method to calculate continuum gamma-ray spectra and multiplicities from neutron-induced reactions 9046
Sheng He Ding *see* Ding Sheng He
Sheng Hong *see* Hong Sheng
Sheng Jian-Ni *see* Ma Qi-Shuang 44945
Sheng Jiang Zai *see* Zai Sheng Jiang
Sheng Lan, Yuen-Chuen Chan, Wan-Jing Xu, De-Long Cui, Cheng-Qing Yang, Hong-Du Liu Leakage current analysis for $In_yGa_{1-y}P_zAs_{1-z}/Al_xGa_{1-x}As$ double heterostructure lasers 3855
Sheng Lianxi *see* Liu Linmao 33852
Sheng Lie-Yi *see* Lie-Yi Sheng
Sheng Lin, Salari, E. Pyramidal piecewise uniform lattice quantization in the wavelet transform domain for image coding 57420
Sheng Lin Chern *see* Chern Sheng Lin
Sheng Liu *see* Jiansen Zhu 30263
Sheng Liu *see* Liu Sheng
Sheng Meiming *see* Meiming Sheng
Sheng Minhua *see* Minhua Sheng
Sheng Ping *see* Ping Sheng
Sheng Senpeng *see* Senpeng Sheng
Sheng Shimin, Liu Yue Accumulator design for NCO application 53069
Sheng Shimin *see* Wang Guangjie 53149
Sheng Wei-Dong *see* Wei-Dong Sheng
Sheng Weidong, Xia Jianbai Numerical simulation of quantum directional couplers 43164
Sheng Wu, Blake, G.A., Zhaoyang Sun, Jiwu Ling An OPO ring cavity with no coatings 24128
Sheng Xiling *see* Zhou Jian 61332
Sheng Xin-Qing *see* Xin-Qing Sheng
Sheng Xinqing, Xu Shanjia High-order mixed-edge rectangular element analysis for lossy dielectric waveguide 14672
Sheng Xinquing *see* Xinquing Sheng
Sheng Yang *see* Yang Sheng
Sheng Yongwei *see* Yongwei Sheng
Sheng Yunlong *see* Yunlong Sheng
Sheng Zhang *see* Jinchao Xu 40287

Sheng Zhang Zhong *see* Zhang Zhong Sheng
Sheng Zhong, Chin, F., Cheung, Y.S., Kwan, D. Hierarchical motion estimation based on visual patterns for video coding 25433
Sheng Zhong, Jiuxing Jiang, Shutian Liu, Chunfei Li Deconvolver using a hybrid optical-electronic joint transform correlator 25303
Sheng Zhong, Jiuxjng Jiang, Shutian Liu, Chunfei Li Binary joint transform correlator based on differential processing of the joint transform power spectrum 56839
Sheng Zhong, Szu, H., Qing-Yun Shi, Chin, F., Lei Xu, Min-Teh Cheng, Huisheng Chi, Ke Chen, Che Li Wavelet aided assembly line inspections 52328
Sheng Zhou *see* Zhou Sheng
Sheng-Cai Shi *see* Irimajiri, Y. 60067
Sheng-Chieh Huang, Liang-Gee Chen, Thou-Ho Chen A 32-bit logarithmic number system processor 31233
Sheng-De Wang *see* Chuan-Kai Lin 50283
Sheng-Hua Lu, Ren-Huey Hsu, Chung-Ping Lai, Chao-Jung Chen Iodine stabilized He-Ne laser at 633 nm with simple line-locking device and the intercomparison results 14234
Sheng-Hui Yang, Lowry, C., Smith, S., Fitz, J., Lee, C.H. Three-section Q-switched MQW laser for high-power, RZ optical data pulse generation 24000
Sheng-Li Xie, Sui Sun Cheng Stability criteria for parabolic type partial difference equations 618
Sheng-Lin Wu, Chen, W.-S.E. The token-bank leaky bucket mechanism for group connections in ATM networks 57595
Sheng-Lyang Jang, Way-Ming Chen, Hao-Hsiung Lin, Chao-Hsing Huang Low frequency noise characteristics of AlInAs/InGaAs heterojunction bipolar transistors 2602
Sheng-Lyin Chiu *see* Faa-Jeng Lin 51684
Sheng-Nian Yeh *see* Chuan-I Chen 11780
Sheng-Tsai Chen *see* Tan, A.C. 57409
Sheng-Tsaing Tseng, Hong-Fwu Yu A termination rule for degradation experiments 52150
Sheng-Wen Cheng, Min-Kang Chao Resolution improvement of ultrasonic C-scan images by deconvolution using the monostatic point-reflector spreading function (MPSF) of the transducer 50253
Sheng-Wen Shih, Yi-Ping Hung, Wei-Song Lin Accuracy analysis on the estimation of camera parameters for active vision systems 5322
Sheng-Wu Xie, Xue-Lin Yang Phase matching conditions for four-wave mixing in the principal planes of biaxial crystals 24204
Sheng-Yao Jiang *see* Jiang Sheng-Yao
Shengbin Tan *see* Tan Shengbin
Shengbin Zhang *see* Zhang Shengbin
Shengbo Xu *see* Xu Shengbo
Shengcai Shi, Inatani, J., Noguchi, T., Zhicai Xu Development of a compact dual-frequency SIS receiver 58517
Shenggang Liu *see* Guofen Yu 12083
Shenggang Liu *see* Liu Shenggang
Shenggao Liu *see* Liu Shenggao
Shengguo Huang *see* Huang Shengguo
Shenghai Ren *see* Ren Shenghai
Shenghao Bao *see* Bao Shenghao
Shenghe Sun *see* Sun Shenghe
Shenghe Wang *see* Wang Shenghe
Shenghua Hua *see* Hua Shenghua
Shenghua Huang, Shanming Wan, Guangjie Fu Three-dimensional motor suitable for robotics and its decoupling control 51435
Shenghua Ye *see* Mai Wu 48904
Shenghua Ye *see* Ye Shenghua
Shengjiang Chang *see* Yanxin Zhang 44134
Shengjiang Chang *see* Chang Shengjiang
Shengli, L., Suzheng, L., Shiwen, S., Dayou, S. Designs of digital signal processing and its telecommunication system 35545
Shengli Wang *see* Wang Shengli
Shengli Yao *see* Yao Shengli
Shengliang Zhang *see* Zhang Shengliang
Shenglin Yu *see* Yu Shenglin
Shengming Xiong *see* Xiong Shengming
Shengping Wang *see* Wang Shengping
Shengquan Gao *see* Yanxin Zhang 44134
Shengsheng Yu *see* Yu Shengsheng
Shengurov, V.G. *see* Pavlov, D.A. 54013
Shengyao Jiang *see* Jiang Shengyao
Shengyi Song *see* Song Shengyi
Shengyong Shu *see* Shu Shengyong
Shengyu Jin *see* Lei Zhou 43689
Shengyu Jin *see* Ning Xie 32827
Shengyu Jin *see* Jin Shengyu
Shengzhi Zhao, Qingpu Wang, Xingyu Zhang, Songtao Wang, Lu Zhao, Lianke Sun, Shaojun Zhang Diode-laser-pumped 1.065-μm $Nd:Sr_5(VO_4)_3F$ laser and its intracavity frequency doubling 23838
Shengzhi Zhao *see* Zhao Shengzhi
Shenhar, A.J., Bonen, Z. The new taxonomy of systems: toward an adaptive systems engineering framework 30135
Shenheng Guan *see* Jackson, G.S. 7777
Shenheng Guan *see* Yulin Huang 7749
Shenji Lin *see* Lin Shenji
Shenker, S.J. *see* Sugih Jamin 35436
Shenkman, A. *see* Backmutsky, V. 28820
Shenkman, A.L. *see* Chudnovsky, V. 51845
Shenli Jia *see* Jia Shenli
Shenoi, S. *see* Heng-Ming Tai 38754
Shenouda, B., Pearson, L.W., Harriss, J.E., Wang, W., Guo, Y. Etched-silicon micromachined waveguides and horn antennas at 94 GHz 34282
Shenoy, D. *see* Rao, S.S. 25686
Shenoy, J.N., Cooper, J.A., Jr, Melloch, M.R. High-voltage double-implanted power MOSFET's in 6H-SiC 32424
Shenoy, K.C. *see* Strandberg, R.H. 1609
Shenoy, K.V. *see* Wang, H. 55470
Shenoy, M.R. *see* Thyagarajan, K. 4321
Shenoy, N.V. *see* Otten, R.H.J.M. 11130
Shenoy, R. *see* Casasent, D. 6944
Shenoy, R. *see* Casasent, D. 27052
Shenoy, R.G. *see* Richman, M.S. 45998
Shenoy, R.G. *see* Weisburn, B.A. 15368
Shenping Li, Hao Ding, Chan, K.T. Erbium-doped fibre lasers for dual wavelength operation 23798
Shenping Li, Hao Ding, Chan, K.T. Dual-wavelength actively mode-locked Er-doped fibre ring laser with fibre gratings 44376
Shenshen Han *see* Suxing Hu 24070
Shenshu Xiong *see* Xiong Shenshu
Shentain Xue *see* Xue Shentain
Shepard, K.L., Narayanan, V. Noise in deep submicron digital design 11361
Shepard, K.W. Superconducting heavy-ion accelerating structures 49143
Shepard, K.W., Sellyey, W.C. A low-frequency RFQ for a low-charge-state injector for ATLAS 37106
Shepard, K.W. *see* Zinkann, G.P. 49144
Shepard, P.F. *see* Antos, J. 37373
Shepard, R.L., Weiss, J.M. Use of SP-100 thermometry technology to improve operation of electric power plants 19562
Shepel, S.V. *see* Dmitriyev, S.P. 34721
Shepel'skii, G.A. *see* Gasan-zade, S.G. 42037
Shephard, M.S. *see* Givoli, D. 52598
Shepherd, B. *see* Chiang, S. 30261
Shepherd, D. *see* Pegler, D. 47345
Shepherd, D.P., Guy, S., Joubert, M.F., Jacquier, B., Poignant, H. Photon-avalanche upconversion of red light into blue light in a thulium-doped fluorozirconate fiber 23808
Shepherd, D.P., Warburton, T.J., Hanna, D.C., Tropper, A.C., Borel, C., Ferrand, B., Rameix, A. High-gain amplification in a liquid phase epitaxial Nd:YAG waveguide 33453
Shepherd, E.E.A., Sherwood, J.N., Simpson, G.S. The growth and perfection of organic non-linear optical crystals: N-methyl urea (NMU) from methanol solution. III. The growth of large single crystals for optical examination 686
Shepherd, F.R. *see* Adams, D.M. 36140
Shepherd, F.R. *see* Noel, J.-P. 14098
Shepherd, G.G. *see* Doushkina, V.V. 8461
Shepherd, G.G. *see* Shiguang Wang 58833
Shepherd, J.J. *see* Barrow, D.A. 28694
Shepherd, N.W. *see* Srivastava, S.K. 16893
Shepherd, P.R., Cryan, M.J. Schottky diodes for analogue phase shifters in GaAs MMICs 11724
Shepherd, P.R., Evans, P.S.A., Ramsey, B.J., Harrison, D.J. Lithographic technology for microwave integrated circuits 41501
Shepherd, P.R. *see* Ghobadi, Ch. 34099
Shepherd, R. *see* Cassell, R. 59999
Shepherd, S.J. *see* Barton, S.K. 21805
Shepherd, W. *see* Hardan, F. 51683
Shepherd, W. *see* Smith, P. 20230
Shepherd, W. *see* Zhang, L. 20140
Shepherdson, J. *see* Ackerley, R. 47304
Sheping Tian *see* Tian Sheping
Sheppard, C.J.R., Saghafi, S. Flattened light beams 4269
Sheppard, C.J.R., Toeroek, P. Electromagnetic field in the focal region of an electric dipole wave 56014
Sheppard, D. *see* Baxter, G.M. 7895
Sheppard, J.W. Maintaining diagnostic truth with information flow models 36408
Sheppard, J.W., Simpson, W.R. A systems view of test standardization 36392
Sheppard, J.W. *see* Gartner, D. 38196
Sheppard, J.W. *see* Maguire, R.J. 36421
Sheppard, J.W. *see* Simpson, W.R. 36407
Sheppard, L.C. *see* Hao Ying 28200
Sheppard, N.F., Jr. *see* Lesho, M.J. 48424
Sheppard, R.J. *see* Hughes, S.W. 49574
Sheppard, S. *see* Reamon, D. 20534
Sheppard, S.D., Jenison, R. Thoughts on freshman engineering design experiences 20553
Sheptunov, O.A., Vodovatov, I.A., Pliss, N.S. Method of equivalent currents for the problem of reflection of polarized radiation from inhomogeneous magnetic surface structures 24460
Sheq Deyuan, Wang Changqing, Shao Xhongshu, Jiang Minghua Thermal effects of a Nd:YVO_4/KTP diode-laser end-pumped laser 3764
Sheqin Dong *see* Dong Sheqin
Sher, A. *see* Ariel, V. 41978
Sher, A. *see* Krishnamurthy, S. 821
Sher, E.M. Electrical properties of porous oxides of alkaline-earth metals with high thermoelectric efficiency 30992
Sherbakov, T.F., Ovchinnikov, A.L., Sedov, S.S. Method of detecting and measuring low amplitude potentials in bioelectric signals 18430
Sherbatko, I. *see* Nerukh, A. 45169
Sherbondy, J.M., Sr. *see* Motto, J.W., Jr. 31097
Sherchenkov, A.A. *see* Budaguan, B.G. 17378
Sherchenkov, A.A. *see* Budagyan, B.G. 7347
Sherchenkov, A.A. *see* Budagyan, B.G. 31959
Shereff, M.J. *see* Abu-Faraj, Z.O. 18539
Sheridan, J.T. *see* Babin, S. 2518
Sheridan, J.T. *see* Kenny, R.P. 48640
Sheridan, J.T. *see* Whelan, M.P. 7306
Sherif, M.H. Internet and the "plodding" standard bodies 26129
Sherif, S.A. *see* Baker, D.K. 60520
Sherif, S.S., Szymanski, T.H., Hinton, H.S. Design and implementation of a field programmable smart pixel array 33339
Sheriff, D. *see* LeMay, D. 7137
Sheriff, D. *see* Phillips, B. 2762
Sheriff, K.R.S. *see* Satyanarayana, S. 60358
Sheriff, R.E. *see* Giancristofaro, D. 26535
Sheriff, R.E. *see* Hu, Y.F. 6702
Sheriff, R.E. *see* Hu, Y.F. 58198
Sherill, B. *see* Zhang, B. 49161
Sherkat, N. *see* Raza, G. 25328
Sherkat, N. *see* Shih, C.-H.V. 27680
Sherkat, N. *see* Yew Kee Wong 25338
Sherlekar, S.D. *see* Mehendale, M. 53441
Sherlock, B.G., Monro, D.M. Optimized wavelets for fingerprint compression 15906
Sherlock, B.G., Monro, D.M. Psychovisually tuned wavelet fingerprint compression 57301
Sherlock, B.G., Monro, D.M. Balanced uncertainty wavelets for fingerprint compression 57513
Sherlock, G. *see* Campbell, R.J. 16823
Sherlock, J.-P., Sharratt, P.N., Hayes, P.J. Numerical simulation of electromagnetic mixing of molten metal 29908
Sherman, C.H., Butler, J.L., Butler, A.L. Analysis of harmonic distortion in electroacoustic transducers under indirect drive conditions 38130
Sherman, J., Stevens, R.R., Schneider, J.D., Zaugg, T. Direct-current proton-beam measurements at Los Alamos 7707
Sherman, J. *see* Lawrence, G. 49177
Sherman, J. *see* Schneider, J.D. 7708
Sherman, J.D., Bolme, G.O., Hansborough, L.D., Hodgkins, D.J., Light, M.E., Meyer, E.A., Schneider, J.D., Smith, H.V., Jr, Stettler, M.W., Stevens, R.R., Jr, Thuot, M.E., Zaugg, T.J., Ferdinand, R. Development of a 110-mA, 75-keV proton injector for high-current, CW linacs 49174
Sherman, P.J. *see* Spanjaard, J.M. 50885
Sherman, R. *see* Willinger, W. 35747
Sherman, S., Wagner, S. Relationship between a-Si:H band tails and TFT performance 12944
Sherman, S., Wagner, S., Gottscho, R.A. Correlation between the valence- and conduction-band-tail energies in hydrogenated amorphous silicon 2070
Sherman, V., Gaidukov, M., Razumov, S., Vendik, I., Bolioli, S., Dirassen, B. Digital phase-shifter based on the S-N transition in high-T_c superconducting films 23429
Sherniakov, Yu.M. *see* Kop'ev, P.S. 23931
Sherniakov, Yu.M. *see* Zaitsev, S.V. 44520
Shernyakov, Yu.M., Egorov, A.Yu., Zhukov, A.E., Zaitsev, S.V., Kovsh, A.R., Krestnikov, I.L., Lunev, A.V., Ledentsov, N.N., Maksimov, M.V., Sakharov, A.V., Ustinov, V.M., Chao Chen, Kop'ev, P.S., Alferov, Zh.I., Bimberg, D. Quantum-dot cw heterojunction injection laser operating at room temperature with an output power of 1 W 55653
Shernyakov, Yu.M. *see* Kaliteevski, M.A. 12397
Sherony, M.J., Wei, A., Antoniadis, D.A. Effect of body-charge on fully- and partially-depleted SOI MOSFET design 43053
Sherony, M.J., Yang, I.Y., Antoniadis, A., Doyle, B.S. Modification of parasitic edge leakage in LOCOS-isolated SOI MOSFETS using back-gate stress 13005
Sherrah, J. *see* Changming Sun 46078
Sherratt, R.S. Identification and minimization of IIR tap coefficients for the cancellation of complex multipath in terrestrial television 17025
Sherratt, R.S. Identifying multipath within terrestrial video using a locally modified GCR signal 17030
Sherrer, D. *see* Greene, J.A. 17402
Sherrer, D. *see* Rutherford, P. 17401
Sherrer, D. *see* Zabaronick, N. 17405
Sherriff, R.E. *see* Lareau, R.T. 12333
Sherry, J., Lowell, J., Hossain, T., Debusk, D. An optical approach to evaluating the effects of chlorine on the quality of Si/SiO_2 interfaces 43323
Sherry, L. *see* McCrobie, D. 49924
Shershakov, Ye.P. *see* Mikliyev, Yu.V. 33734
Sherstnev, V.V. *see* Popov, A.A. 23694
Sherveglieri, G. *see* Endres, H.-H. 36762
Sherveglieri, G. *see* Ferroni, M. 58877
Shervin, M.E. *see* Zolper, J.C. 22541
Sherwani, N. *see* Danda, S. 1063
Sherwin, M.E. *see* Baca, A.G. 22885
Sherwin, M.E. *see* Weckwerth, M.V. 32185
Sherwin, M.E. *see* Zolper, J.C. 32452
Sherwin, M.S. *see* Hegmann, F.A. 44611
Sherwin, M.S. *see* Unterrainer, K. 2199
Sherwood, B.A. *see* Carlsten, B.E. 17986
Sherwood, J.N. *see* McEwan, A. 685
Sherwood, J.N. *see* Ristic, R.I. 684
Sherwood, J.N. *see* Shepherd, E.E.A. 686
Sherwood, J.N. *see* Wang Qingwu 13683

Sherwood, R., Deligiannis, F. TOPEX/Poseidon electrical power system–performance 18723
Sherwood, R. *see* Chetty, P.R.K. 18665
Sherwood, R. *see* Chetty, P.R.K. 18702
Sherwood, T. *see* Collier, J. 18076
Sherwood, T. *see* Haseroth, H. 49278
Sherwood, T.R. *see* Baranov, V.Yu. 18077
Sherwood, T.R. *see* Kondrashev, S.A. 28003
Shestakov, A.K. *see* Voronetskii, E.V. 40924
Shesterkin, V.I. *see* Grigoriev, Y.A. 53942
Shetler, J. Teaming in the microprocessor laboratory 20710
Shetty, D.H. *see* Jamali, M.M. 6705
Shetty, R., Ard, C.K., Wallace, J.P. Application of eddy current technique to vertical Bridgman growth of CdZnTe 671
Shetty, S.D. *see* Qun Chen 28411
Shetty, V. GEO satellites hit the spot 58238
Sheu, B.J., Bang, S.H., Chang, R.C. A cellular neural network with optimized performance for wireless communication receivers 57729
Sheu, B.J., Chen, D.C. 1-D compact neural networks for wireless communication and mobile computing 4862
Sheu, B.J. *see* Chang, R.C. 53507
Sheu, B.J. *see* Chen, D.C. 5849
Sheu, B.J. *see* Chou, E.Y. 21849
Sheu, B.J. *see* Chou, E.Y. 53498
Sheu, B.J. *see* Jen, S.H. 43088
Sheu, B.J. *see* Oshima, Y. 31258
Sheu, C.M. *see* Lin, S.Y. 26058
Sheu, G.J. *see* Shiau, T.N. 50878
Sheu, P. *see* Slater, R. 25478
Sheu, S. *see* Liou, J.J. 53046
Sheu, S. *see* Zhou, W. 22763
Sheu, S.-T. *see* Huang, N.-F. 35735
Sheu, T.J. *see* Wang, C.W. 44270
Sheu, T.J. *see* Wang, C.W. 44271
Sheu Bing *see* Bing Sheu
Sheu Chwen *see* Chwen Sheu
Sheu Hsin-Teng *see* Hsin-Teng Sheu
Sheu Jang-Ping *see* Jang-Ping Sheu
Sheu Jeng-Dong *see* Jeng-Dong Sheu
Sheu Lih-Gen *see* Lih-Gen Sheu
Sheu Ming-Hwa *see* Ming-Hwa Sheu
Sheu Nywen *see* Nywen Sheu
Sheu Shiann-Tsong *see* Shiann-Tsong Sheu
Sheuan Chang Tian *see* Tian Sheuan Chang
Sheung Lun Hung *see* Hung Sheung Lun
Sheung-Lun Hung *see* Kwok-Wa Lam 5868
Sheung-Lun Hung *see* Lee, V.C.S. 57710
Shevaldin, V. Improving safety at Lithuania's Ignalina RBMKs 50708
Shevaleevskii, O.I., Larina, L.L., Trukhan, E.M. Interface charge separation processes in TiO_2-based solar cells 20046
Shevaleevskii, O.I. *see* Larina, L.L. 20047
Shevchenko, O.A., Krooshoop, H.J.G., Fedorovsky, M.A., ten Kate, H.H.J. Cold semiconducting converter, a compatibility device for a superconducting magnet 51625
Shevchenko, S. *see* Alexeev, G. 59200
Shevchenko, V.V., Bure, I.G., Khevsuriani, I.M. Universal experimental apparatus for testing switching capacitors with real voltage curves 9468
Shevchuk, G.J. *see* Robinson, S.D. 226
Shevgaonkar, R.K. *see* Goel, A. 13586
Shevgaonkar, R.K. *see* Kulkarni, A. 5009
Shevgaonkar, R.K. *see* Ranade, S. 48123
Shevgaonkar, R.K. *see* Suresh Nair, K.R. 3458
Shevgaonkar, R.K. *see* Survaiya, S.P. 6746
Shevjakin, S.N. *see* Kapustjanenko, G.G. 38810
Shevtsov, A.I. *see* Kolpak, B.D. 7281
Shevtsova, N.A. *see* Golovan, A.V. 35021
Shevyrdyaeva, G.S. *see* Badikov, V.V. 24178
Shew, P.W., Hsiao, P.-Y. Planar constrained terminals over-the-cell router 53242
Shey-Shi Lu *see* Yo-Sheng Lin 41446
Shey-Shi Lu *see* Yo-Sheng Lin 43010
Shey-Shi Lu *see* Yo-Sheng Lin 54631
Sheynihovich, D.V. *see* Gurov, I.P. 25259
Shi, B., Wang, Z.C., Yu, J.S. Oscillation of nonlinear partial difference equations with delays 30639
Shi, B. *see* Liu, F. 15784
Shi, B. *see* Liu, J. 33190
Shi, B.-P. *see* Pan, M.-W. 33513
Shi, B.E. Gabor-type image filtering with cellular neural networks 5546
Shi, B.E. An analog neural network for Gabor-type image filtering 21854
Shi, B.E. *see* Kwok Fai Hui 53489
Shi, C.-J.R. Solving constrained via minimization by compact linear programming 40839
Shi, C.-J.R. Block-level fault isolation using partition theory and logic minimization techniques 41077
Shi, C.-J.R., Godambe, N.J. Behavioral fault modeling and simulation of phase-locked loops using a VHDL-A like language 11138
Shi, C.-J.R., Vannelli, A., Vlach, J. Performance-driven layer assignment for printed circuit boards and integrated circuits 11866
Shi, F.G. *see* Tong, H.Y. 40493
Shi, H., Li, H. Rank order filtering on bit-serial mesh-connected computers 15316
Shi, H., Yuan, F., Sha, F., Drewniak, J.L., Hubing, T.H., Van Doren, T.P. Simulation and measurement for decoupling on multilayer PCB DC power buses 41589
Shi, J. Development of a fuzzy logic controller as a power system stabiliser using hierarchical structure 38271
Shi, J., Randhar, A., Bhatia, D. Macro block based FPGA floorplanning 53214
Shi, J. *see* Dowling, J. 6032
Shi, J. *see* Gider, S. 3097
Shi, J.C. *see* Kyung Pak 8380
Shi, J.J., Fonseka, J.P. Interconnection of self-healing rings 6840
Shi, J.R. *see* Gu, B.Y. 32470
Shi, K., Walczowski, L.T., Nalbantis, D., Waller, W.A.J. O^2ADL: an object-oriented analog VLSI design language 54737
Shi, K., Walczowski, L.T., Waller, W.A.J., Nalbantis, D. A new bipolar op-amp IC synthesis approach 53041
Shi, K. *see* Wang, B.X. 21184
Shi, L.J. *see* Hu, W.S. 10841
Shi, L.T., Feger, C., Tong, H. Encapsulation of flex inner lead bonds for enhanced reliability 30337
Shi, R.C. *see* Chou, S.Y. 44513
Shi, R.C. *see* Lei Zhuang 23961
Shi, R.C. *see* Schablitsky, S.J. 23929
Shi, S. *see* Caine, E.J. 49361
Shi, S. *see* Xia, T. 24226
Shi, S.C., Inatani, J. A waveguide-to-microstrip transition with a DC-IF return path and an offset probe 41419
Shi, S.S., Chang, Y.-L., Hu, E.L., Brown, J.J. Surface passivation of GaAs-based PHEMT by hydrogen ion irradiation 22886
Shi, S.S. *see* Sparing, L.M. 23665
Shi, T.S. *see* Zhao, J.P. 40630
Shi, W. *see* Ghandeharizadeh, S. 47346
Shi, W.J., Ning, Y.N., Grattan, K.T.V., Palmer, A.W. The wavelength-measurement error induced by using interferometric detection schemes for fibre-grating sensors 48612
Shi, W.M., Tsang, K.F., Wong, C.N., Zhang, W.X. On the higher-order modes in rectangular-groove guide 45346
Shi, W.M., Tsang, K.F., Zhang, W.X. Experimental and theoretical study of novel grooved horn antenna 34281
Shi, W.M. *see* Tsang, K.F. 56100
Shi, X. *see* Alexeev, G. 59200
Shi, X. *see* Brock, I.C. 37039
Shi, Y., Wang, W., Bechtel, J.H., Chen, A., Garner, S., Kalluri, S., Steier, W.H., Chen, D., Fetterman, H.R., Dalton, L.R., Yu, L. Fabrication and characterization of high-speed polyurethane-disperse red 19 integrated electrooptic modulators for analog system applications 47949
Shi, Y., Xiong, C.M., He, Y.X., Guo, H.X., Fan, X.J. The rectification studies on the P^+-ion implanted C_{60}/Si films 2115
Shi, Y., Xiong, C.M., Wang, X.S., Lei, C.H., Guo, H.X., Fan, X.J. Structure and electrical characteristics of ICBD C_{60} films 12346
Shi, Y., Zhao, J.H., Sarathy, J., Olsen, G., Lee, H. Quantum confined Stark effect in GaInAsSb/AlGaAsSb quantum wells grown by molecular beam epitaxy 32002
Shi, Y. *see* Chen, H. 22295
Shi, Y. *see* Liu, J.L. 12418
Shi, Y. *see* Pan, J.J. 14000
Shi, Y. *see* Shen, B. 41880
Shi, Y.Q., Xia, X. A thresholding multiresolution block matching algorithm 56696
Shi, Y.Q. *see* Xia, X. 5154
Shi, Y.Q. *see* Xia, X. 35347
Shi, Y.Q. *see* Xia, X. 35355
Shi, Y.W. *see* Chen, Y.J. 10996
Shi, Y.W. *see* Fan, H.G. 41733
Shi, Z., Yun, F., Simonian, A.W. Hydrogen ion-implantation induced gettering effects in polycrystalline silicon 12678
Shi, Z., Zogg, H., Muller, P., Jung, I.D., Keller, U. Wide bandwidth (100) GaAs/fluorides quarter-wavelength Bragg reflectors grown by molecular beam epitaxy 13771
Shi, Z. *see* Luo, K. 48473
Shi, Z.L., Tan, W., Fattouche, M. A novel direct sequence spread spectrum wireless modem based on frequency modulation 16532
Shi, Z.W., Rajanathan, C.B. Computation of transient temperature field in a linear induction actuator driven by power electronic circuits 19937
Shi, Z.W., Rajanathan, C.B. Computation of nonlinear transient eddy current electromagnetic fields in devices driven by power electronic circuits 51051
Shi, Z.W. *see* Rajanathan, C.B. 50990
Shi Bingxue *see* Bingxue Shi
Shi Bixiong *see* Xu Daxin 59838
Shi Bo-Rong *see* Bo-Rong Shi
Shi Chao-Xiang *see* Chao-Xiang Shi
Shi Chen *see* Chen Shi
Shi Chun-Shan *see* Chun-Shan Shi
Shi Daqing Max *see* Daqing Max Shi
Shi Dinghua Reliability analysis of the repairable queueing system GI/G(M/G)/1 39929
Shi Dingji *see* Zhu Zhigang 5238
Shi Fan *see* Fan Shi
Shi Feng *see* Feng Shi
Shi Fuqiang *see* Mao Shiwen 41011
Shi Gengchen, Li Kejie Optical fibre board array tactile sensor 48614
Shi Guoliang *see* Shi Xiaohong 1982
Shi Hanmin *see* Hanmin Shi
Shi Hong *see* Hong Shi
Shi Hongchi *see* Hongchi Shi
Shi Jia-Wei *see* Ma Dong-Ge 44284
Shi Jian-Feng *see* Jian-Feng Shi
Shi Jiancheng *see* Jiancheng Shi
Shi Jiangjun, Li Xianwen Transverse motion of electron beam centroid: corkscrew 24374
Shi Jianmin *see* Jianmin Shi
Shi Jianming *see* Jianming Shi
Shi Jiaoying *see* Cai Wenli 15833
Shi Jiaoying *see* Cai Wenli 18302
Shi Jiaoying *see* Zhao Yu 16404
Shi Jiawei *see* Ma Dongge 23703
Shi Jin *see* Caflisch, R.E. 40221
Shi Jin *see* Jin Shi
Shi Jingxin *see* Jingxin Shi
Shi Jiying *see* Shen Yuzhen 33462
Shi Jun *see* Jing Dong 38450
Shi Junjie, Liu Zixin, Pan Shaohua Polariton modes in semiconductor superlattices 2036
Shi Junsheng *see* Junsheng Shi
Shi Lei *see* Wang Feng 24035
Shi Lihua, Tao Baogi An experimental research on piezoelectric smart structures 21387
Shi Lihua, Tao Baoqi Applications of piezoelectric material sensors in smart structures 58675
Shi Lin *see* Yang Chanjuan 41329
Shi Ling, Daum, W., Dai Fulong, Zou Daqing, Liu Sheng High temperature Moire interferometry. Applications in thermal strain analysis of microelectronic component 52917
Shi Liuzhong *see* Luo Yifang 8815
Shi Qing-Yun *see* Qing-Yun Shi
Shi Qingyu *see* Zhao Chongde 37210
Shi Qun *see* Qun Shi
Shi Renlong Research on infrared object simulator of the target 37947
Shi Shaoming *see* Ding Yaogen 53990
Shi Sheng-Cai *see* Sheng-Cai Shi
Shi Shengcai *see* Shengcai Shi
Shi Shouyuan, Ge Debiao An iterative conjugate gradient method for reconstruction of 2-D lossy dielectric object 15208
Shi Shunxiang *see* Feng Xiaoping 46429
Shi Song *see* Song Shi
Shi Songhua *see* Songhua Shi
Shi Tong *see* Tong Shi
Shi Tongshun *see* Zhang Jie 33233
Shi Wan Chun *see* Han Wei Ming 53272
Shi Wanchun *see* Wanchun Shi
Shi Wang *see* Wang Shi
Shi Wang-Zhou, Lin Kui-Xun, Lin Xuan-Ying, Qi Zhen-Zhong Quantum confinement in GaAs microcrystallites embedded in SiO_2 thin film 42280
Shi Wei *see* Wei Shi
Shi Wei Min *see* Wei Min Shi
Shi Weiping *see* Weiping Shi
Shi Wengong *see* Wengong Shi
Shi Xiaohong, Liu Pulin, Zhang Xiwen, Chen Zhanghai, Shi Guoliang, Shen Xuechu Study on N-O shallow thermal donors in CZ-Si grown in N_2 atmosphere by means of photothermal ionization spectroscopy 1982
Shi Xiaohong *see* Xin Huoping 812
Shi Xiaoyu *see* Xiaoyu Shi
Shi Xizhi *see* Xizhi Shi
Shi Yan *see* Yan Shi
Shi Yaowu, Dai Yisong, Ding Hong Estimation of sinusoidal frequencies in colored noise by cross-spectral Pisarenko and MUSIC methods 15312
Shi Yi *see* Yi Shi
Shi Yin, Balchen, J.G. Image compression and transmission through a low-rate ultrasonic link in subsea teleobotic applications 46249
Shi Yin, Wei Daozheng Accelerated techniques in stem fault simulation 11381
Shi Yin *see* Tumer, T.O. 59556
Shi Yong *see* Yong Shi
Shi Yongchao *see* Du Ling 44817
Shi Yongqiang *see* Yongqiang Shi
Shi Yuan *see* Yuan Shi
Shi Yushan *see* Yushan Shi
Shi Yuxiang, Tao Xiaonong Automatic voltage controller and its application to substations 28799
Shi Ze *see* Ze Shi
Shi Zhengrong *see* Zhengrong Shi
Shi Zhengyi *see* Jin Zhendong 50443
Shi Zhiqing *see* Stahle, C.M. 37354
Shi Zhixia, Lu Zhengyong, Li Yuanxin, Zhang Jingjuan α spectrometry with Si(Au) surface barrier semiconductor detector for isotopic abundance of micro-amount uranium 37526
Shi Zhong *see* Zhong Shi
Shi Zhongke U-D factorization-based nonlinear programming method and its application in neural network training 40086
Shi-Chang Lin *see* Yu-Faye Chao 17826
Shi-Chung Chang *see* Da-Yin Liao 153
Shi-Chung Chang *see* Jiun Shiu 30152
Shi-Chung Chang *see* Jr-Min Fan 43176
Shi-Chung Chang *see* Ruey-Shan Guo 20828
Shi-De Cheng, Yong-Yuan Zhu, Nai-Ben Ming Even-order harmonic excitation by an acoustic superlattice 2983
Shi-De Cheng *see* Yong-Yuan Zhu 3495
Shi-Hai Zheng *see* Bi-Zhen Dong 12838
Shi-Hong Jeng, Hong-Yuan Liao, Yao-Tsorng Liu, Ming-Yang Chern An efficient approach for facial

feature detection using geometrical face model 5616
Shi-Ji Cai *see* Cai Shi-Ji
Shi-Ji Fan, Jia-Yue Xu, Ren-Ying Sun, Guang-Yu Zhang Growth and properties of Φ3" ⟨011⟩ LBO crystal for leaky SAW devices 10625
Shi-Ji Fan *see* Ren-Ying Sun 13234
Shi-Kuo Chang Active index for content-based medical image retrieval 15426
Shi-Lin Chen, Fu-Chien Kao, Shih-Fang Lai An efficient algorithm to model and forecast hourly weather sensitive load 19247
Shi-Ming Lin *see* Jin-Lin Hu 36216
Shi-Ming Zhou *see* Liang-Yao Chen 48970
Shi-Nine Yang *see* Hsin-Chih Lin 15438
Shi-Nine Yang *see* Hsin-Chih Lin 25645
Shi-Ning Zhu, Yong-Yuan Zhu, Yi-Qiang Qin, Hai-Feng Wang, Chuan-Zhen Ge, Nai-Ben Ming Experimental realization of second harmonic generation in a Fibonacci optical superlattice of $LiTaO_3$ 44742
Shi-Ning Zhu *see* Yan-Feng Chen 32764
Shi-Ning Zhu *see* Yong-Yuan Zhu 3022
Shi-Ping He *see* Liu-Sheng Wang 48873
Shi-Qing Wang, Bin Zhao Gap fill dependence of fluorinated polyimide films on solid content, adhesion promoter, spin dwell time, and solvent spray 54524
Shi-Shen Yan *see* Yi-Hua Liu 13418
Shi-Wei Lee, Cheng-Shong Wu, Meng-Shi Chiou, Kou-Tan Wu Design of an automatic meter reading system [electricity metering] 50654
Shi-Woo Rhee *see* Young-Bae Park 54299
Shi-Xin Cheng *see* Guo-Qiang Xue 6555
Shi-Yang Zhu *see* Zhu Shi-Yang
Shi-Yong Liu *see* Liu Shi-Yong
Shi-Yu Huang, Kwang-Ting Cheng, Kuang-Chien Chen AQUILA: An equivalence verifier for large sequential circuits 40811
Shi-Yu Huang, Kwang-Ting Cheng, Kuang-Chien Chen, Glaeser, U. An ATPG-based framework for verifying sequential equivalence 31242
Shi-Yu Huang, Kwang-Ting Cheng, Kuang-Chien Chen, Lee, M.T.-C. A novel methodology for transistor-level power estimation [CMOS circuits] 13122
Shi-Zhong Bai *see* Bai Shi-Zhong
Shian-Shyong Tseng *see* Ching-Huang Wang 18229
Shiang Long Lee, Hock Chuan Chan Support for mobile communications planning 46914
Shiang-Feng Tang *see* Ray-Ming Lin 27586
Shianling Wu *see* Jarwala, N. 52159
Shiann-Jeng Yu, Ju-Hong Lee Design of two-dimensional rectangular array beamformers with partial adaptivity 24902
Shiann-Rong Kuang *see* Jer-Min Jou 1504
Shiann-Tsong Sheu *see* Nen-Fu Huang 26791
Shiao Hung-Pin *see* Hung-Pin Shiao
Shiao-Li Tsao *see* Yueh-Min Huang 48254
Shiao-Min Tseng, Kuang-Yu Hsu, Hon-Sco Wei, Kun-Fa Chen Analysis and experiment of thin metal-clad fiber polarizer with index overlay 55215
Shiao-Min Tseng *see* Kuang-Yu Hsu 55224
Shiau, J. *see* Ye, Y. 54477
Shiau, J.-K. *see* Taranto, G.N. 38278
Shiau, T.N., Sheu, G.J., Yang, C.D. Vibration and control of a flexible rotor in magnetic bearings using hybrid method and H^∞ control theory 50878
Shiau Der-Yun *see* Ma Yin-Peng 58987
Shiau Jaw-Kuen *see* Jaw-Kuen Shiau
Shiau Ming *see* Ming Shiau
Shiau Ting Nung *see* Ting Nung Shiau
Shiau Yeu-Cherng *see* Yeu-Cherng Shiau
Shiaw-Shian Yu *see* Cheng-Chin Chian 5596
Shiba, T. *see* Hashimoto, T. 22530
Shiba, T. *see* Nakamura, T. 42310
Shibagaki, S., Koga, A., Tanaka, J. Calcium-doping effect on temperature coefficients of dielectric constants in $SrTiO_3$ capacitors 41543
Shibagaki, T. *see* Iida, Y. 61365
Shibaguchi, T. *see* Shinotsuka, M. 43884
Shibahara, C. *see* Hirano, D. 28964
Shibahara, K., Mifuji, N., Kawabata, K., Kugimiya, T., Furumoto, H., Tauno, M., Yokoyama, S., Nagata, M., Miyazaki, S., Hirose, M. Low resistive ultra shallow junction for sub 0.1 μm MOSFETs formed by Sb implantation 43064
Shibahara, K. *see* Maeda, J. 55475
Shibahara, K. *see* Oyama, J. 60694
Shibahara, K. *see* Yokoyama, S. 54451
Shibai Tong *see* Tong Shibai
Shibaike, N. *see* Moore, D.F. 23096
Shibamura, E. *see* Prokopets, A.G. 59278
Shibano, T. *see* Mikami, N. 21990
Shibano, T. *see* Sakawa, M. 21100
Shibano, T. *see* Sakawa, M. 40096
Shibano, Y. Ultrasonic cleaning applications in the semiconductor and computer industry 41658
Shibanov, V. *see* Makhrovskiy, O. 35797
Shibao, K. *see* Enokizono, M. 40710
Shibasaki, H. *see* Ikeda, A. 59690
Shibasaki, H. *see* Nishida, S. 49628
Shibasaki, I. *see* Goto, H. 21314
Shibasaki, I. *see* Kuze, N. 52638
Shibasaki, K. *see* Hamada, Y. 7081
Shibasaki, K. *see* Nakajima, H. 7024
Shibata, A., Mizuno, O., Niitsu, Y. Service management specification definition model for UPT services 47300
Shibata, A. *see* Maeda, N. 40658
Shibata, A. *see* Okimura, K. 30929
Shibata, H., Li, D., Fujinaka, T., Maruoka, G. Discrete-time simplified adaptive control algorithm and its application to a motor control 9266
Shibata, H., Makita, Y., Kakemoto, H., Tsai, Y., Sakuragi, S., Katsumata. H., Obara, A., Kobayashi, N., Uekusa, S., Tsukamoto, T., Tsunoda, T., Imai, Y. Electrical properties of β-$FeSi_2$ bulk crystal grown by horizontal gradient freeze method 31907
Shibata, H., Ushio, T., Kumagai, S., Kodama, S. Petri net based qualitative simulation with quantitative information 40755
Shibata, H., Yu Sun, Fujinaka, T., Maruoka, G. Discrete-time algorithm for generalized simplified adaptive control and its application to DC motor control 38753
Shibata, H. *see* Anand, M.B. 2441
Shibata, H. *see* Harada, K. 12700
Shibata, H. *see* Kato, H. 21690
Shibata, H. *see* Katsumata, H. 2314
Shibata, H. *see* Katsumata, H. 31930
Shibata, H. *see* Katsumata, H. 42030
Shibata, H. *see* Kawasumi, Y. 12627
Shibata, H. *see* Kobayashi, N. 10791
Shibata, H. *see* Kobayashi, N. 42392
Shibata, H. *see* Shima, T. 12696
Shibata, H. *see* Yamada, A. 31924
Shibata, H. *see* Yasuda, M. 46451
Shibata, I., Nishide, T. Solar control coatings containing a sputter deposited $SiWO_x$ film 43880
Shibata, I. *see* Igarashi, H. 2798
Shibata, J. Structural analysis of continuous contracts in technological trade using numerical simulation 20734
Shibata, J. *see* Iwatsuki, N. 29346
Shibata, J. *see* Rondeau, J.-P. 12027
Shibata, K., Kitajima, M., Tsujita, Y., Futami, T. 31-cm high-resolution TFT-LCD for notebook-type PC 17644
Shibata, K., Taniguchi, K., Saito, Y., Nomura, A. Measurement of characteristics of reflected signals from buried objects in sandy soil using a CW radar 27064
Shibata, K. *see* Hamada, Y. 3638
Shibata, K. *see* Kobayashi, Y. 13387
Shibata, K. *see* Matsui, H. 23590
Shibata, K. *see* Nakagaki, A. 45858
Shibata, K. *see* Shirai, T. 10039
Shibata, K. *see* Takahashii. H. 2878
Shibata, K. *see* Takemoto, A. 26908
Shibata, K. *see* Takiguchi, T. 52656
Shibata, K. *see* Watanabe, H. 17067
Shibata, K. *see* Watanabe, H. 58285
Shibata, M., Nakano, N., Makabe, T. Effect of $O_2(a^1\Delta_g)$ on plasma structures in oxygen radio frequency discharges 1899
Shibata, M., Notoh, H. Avionics simulator [for hardware-in-the-loop testing of fire control radar] 28523
Shibata, M. *see* Fujimoto, K. 28422
Shibata, M. *see* Kanie, T. 59357
Shibata, M. *see* Kim, Y.-B. 17057
Shibata, M. *see* Krumins, A. 43501
Shibata, M. *see* Sasaki, S. 53900
Shibata, N. Silicon oxide and silicon oxynitride films deposited by plasma-CVD 21336
Shibata, N. Dynamic E-mailing list that collaboratively filters outgoing messages 57770
Shibata, N., Ishihara, T., Fujioka, J. Performance estimation of synchronous fast SRAM macrocells–test chip design and evaluation with LSI test systems 11454
Shibata, N., Yamashita, I. System and component technologies toward full access network opticalization 26905
Shibata, N. *see* Ishikawa, Y. 10751
Shibata, N. *see* Kikushima, K. 26835
Shibata, N. *see* Koike, M. 13883
Shibata, N. *see* Kumozaki, K. 16777
Shibata, N. *see* Mori, T. 12524
Shibata, N. *see* Mori, T. 31811
Shibata, N. *see* Morimura, H. 11444
Shibata, N. *see* Nemoto, K. 3945
Shibata, N. *see* Nemoto, K. 33604
Shibata, N. *see* Nemoto, K. 55803
Shibata, N. *see* Suguri, K. 1447
Shibata, S., Fukui, Y., Oonishi, T., Yano, T., Yamane, M., Sakaguchi, S. Intrinsic optical losses of GeO_2-P_2O_5-Al_2O_3 glasses for optical fibers 33043
Shibata, S., Kimura, M. Reliability of tape automated bonding using Au-Sn alloy 31653
Shibata, S. *see* Gotoh, S. 49822
Shibata, T., Aoki, Y., Otsuka, M., Idogaki, T., Hattori, T. Microwave energy transmission system for microrobot 43365
Shibata, T., Kimura, S., Imai, L., Sano, E. Very-broadband IC module design technology 11416
Shibata, T., Nakai, T., Morimoto, T., Kaihara, R., Yamashita, T., Ohmi, T. Neuron-MOS temporal winner search hardware for fully-parallel data processing 53495
Shibata, T. *see* Farrell, T. 2500
Shibata, T. *see* Hada, K. 38504
Shibata, T. *see* Ishii, O. 13362
Shibata, T. *see* Kawabata, K. 60038
Shibata, T. *see* Konda, M. 1676
Shibata, T. *see* Kotani, K. 1544
Shibata, T. *see* Takada, M. 7801
Shibata, T. *see* Yamashita, Y. 1644
Shibata, T. *see* Zha, H. 25352
Shibata, T.-A. *see* Noumi, H. 37073
Shibata, Y., Hasebe, S., Ishi, K., Takahashi, T., Ikezawa, M., Nakazato, T., Oyamada, M., Urasawa, S., Yamakawa, T., Takami, K., Matsuyama, T., Kobayashi, K., Fujita, Y. Coherent Smith-Purcell radiation in the far-infrared region from a short-bunched electron beam 20221
Shibata, Y., Ishi, K., Ono, S., Inoue, Y., Sasaki, S., Ikezawa, M., Takahashi, T., Matsuyama, T., Kobayashi, K., Fujita, Y., Bessonov, E.G. Broadband free electron laser by the use of prebunched electron beam 44325
Shibata, Y., Kuze, N., Matsui, M., Kaya, K., Kanai, M., Kawai, T. SAW properties of $LiNbO_3$ and $LiTaO_3$ films grown by pulsed laser deposition 10860
Shibata, Y., Oku, S., Yamamoto, M., Yoshimoto, N., Naganuma, M. Quantitative analysis of optical reflection in a multimode interference 3 dB coupler using a low-coherence interferometric reflectometer 13890
Shibata, Y., Tsuchida, N., Imai, K. High torque induction motor with rotating magnets in the rotor 29293
Shibata, Y. *see* Kato, R. 18014
Shibata, Y. *see* Kaya, K. 32683
Shibatani, M. *see* Fujinami, T. 38953
Shibatani, S. *see* Shirota, H. 40824
Shibayama, A. *see* Yoneda, T. 41092
Shibayama, J. *see* Yamauchi, J. 23559
Shibayama, J. *see* Yamauchi, J. 24525
Shibayama, K. *see* Sato, Y. 10167
Shibayama, K. *see* Sato, Y. 41593
Shibayama, Y. *see* Kataoka, K. 33169
Shibayamo, K. *see* Sato, Y. 11910
Shibin Gao *see* Gao Shibin
Shibko, A.N. The effect of laser radiation on electrophysical parameters of titanium-silicon compositions upon processing in alkanes 42273
Shibkov, A., Abatchev, M.K., Kang, H.K., Jung, C.O., Lee, M.Y. Effect of the local charging on the dielectric materials etching rate 12722
Shibukawa, A. *see* Sugimoto, N. 3442
Shibukawa, S. *see* Kobayashi, T. 50996
Shibuki, M., Nakagiri, K. Cavity phase adjustment for a cesium beam frequency standard 7136
Shibuki, S., Kanao, H., Akahori, T. Copper film formation using electron cyclotron resonance plasma sputtering and reflow method 40613
Shibutani, K. *see* Fukumoto, Y. 13483
Shibutani, K. *see* Hase, T. 13519
Shibutani, K. *see* Hase, T. 55134
Shibutani, M. *see* Matsunaga, Y. 16573
Shibutani, M. *see* Shuke, K. 17076
Shibutani, S. *see* Nishio, T. 39108
Shibuya, H. *see* Iijima, T. 37238
Shibuya, H. *see* Ohnuki, Y. 13062
Shibuya, K., Tanabe, H., Asada, T., Sugano, S. Construction of KANSEI model for the planning of bowing in violin playing 25249
Shibuya, M., Kanbe, H., Seki, T. Proving test on removal of PCB from pole transformer by vacuum heating separation method 29362
Shibuya, M., Nishina, T., Matsue, T., Uchida, I. In situ conductivity measurements of $LiCoO_2$ film during lithium insertion/extraction by using interdigitated microarray electrodes 19961
Shibuya, M. *see* Kitagawa, M. 21989
Shibuya, N. *see* Tarui, Y. 31590
Shibuya, N. *see* Tarui, Y. 41600
Shibuya, S., Kawano, R., Nagata, K., Yamamoto, M. Development of a research simulator for human factors. 2. Hardware and software of the research simulator 60486
Shibuya, S. *see* Kawano, R. 60485
Shibuya, S. *see* Kubo, K. 11221
Shibuya, T. *see* Kishimoto, K. 30301
Shibuya, Y., Tamura, H., Okamoto, K. A media supported playland and interactions among players 58584
Shichang Su *see* Su Shichang
Shichang Wang *see* Wang Shichang
Shichang Zhang *see* Zhang Shichang
Shichang Zou *see* Zou Shichang
Shichijo, H. *see* Aton, T. 1354
Shichijyo, S., Yamada, K., Takemura, S., Oeda, Y., Ohkubo, A., Muro, K. Blue and blue-green lasers by intracavity sum-frequency generation with potassium niobate 33660
Shick, R.A. *see* Kohl, P.A. 1886
Shick Min Hong *see* Hong Shick Min
Shick Sim Bong *see* Bong Shick Sim
Shida, K., Yuji, J.-I. Discrimination of material property by pressure-conductive rubber sheet sensor with multi-sensing function 7270
Shida, K. *see* Desheng Li 58676
Shida, K. *see* Kimoto, A. 17781
Shida, K. *see* Wakuya, H. 7269
Shida, M. *see* Saito, T. 13388
Shida Katsunori *see* Katsunori Shida
Shidama, Y. *see* Kawahara, K. 25718
Shidara, T., Kurihara, T., Shirabawa, A., Enomoto, A., Kobayashi, H., Nakahara, K. KEK-PF slow-positron facility 49303

Shidong Li On the construction of wavelet frames with filter bank structured fast algorithm and their applications 30426
Shidong Li Theory of discrete Gabor expansions: a parametric formula for all Gabor analysis waveforms and other issues 34867
Shie, J.-S., Chen, Y.-M., Sheen, C.-S. Analysis of optimal bolometer sensitivity with linear approximation 17369
Shie Jin-Shown *see* Jin-Shown Shie
Shie Qian *see* Chen, V.C. 48041
Shie-Chang Jeng *see* Jow-Tsong Shy 13977
Shie-Jue Lee *see* Ding-Lan Shen 22909
Shie-Jue Lee *see* Ding-Lan Shen 43196
Shie-Jue Lee *see* Han, B. 31160
Shie-Jue Lee *see* Hsin-Tai Yang 25347
Shie-Jue Lee *see* Hsin-Tai Yang 57481
Shieh, H.-P.D. *see* Liaw, M.-J. 27806
Shieh, H.-P.D. *see* Wein-Kuen Hwang 32782
Shieh, L.S. *see* Jianxiong Xu 1099
Shieh, W., Willner, A.E. SNR improvement of four-wave mixing wavelength shifting by noise prefiltering in a semiconductor optical amplifier 26726
Shieh, W., Willner, A.E. A wavelength-routing node by using multifunctional semiconductor optical amplifiers and multiple-pilot-tone-coded subcarrier control headers 36149
Shieh, W. *see* Hwang, S.-M. 26807
Shieh Chan Long *see* Chan Long Shieh
Shieh Chi-Maw *see* Jen Ming-Une 28999
Shieh Chiou-Fen *see* Chiou-Fen Shieh
Shieh Hsin-Jang *see* Hsin-Jang Shieh
Shieh Jia-Lin *see* Jia-Lin Shieh
Shieh Jiann-Shing *see* Jiann-Shing Shieh
Shieh Li-Der *see* Li-Der Shieh
Shieh Ming-Der *see* Ming-Der Shieh
Shieh Rong-Yuh *see* Rong-Yuh Shieh
Shieh Shao-Hui *see* Shao-Hui Shieh
Shieh-Liang Chen, Kun-Jen Chung Selection of the optimal precision level and target value for a production process: the lower-specification-limit case 10191
Shield, P. *see* Beringer, J. 37394
Shield, P.D. *see* Allison, W.W.M. 37269
Shields, J.Q. *see* Jeffery, A. 17147
Shields, J.Q. *see* Jeffery, A. 27777
Shields, M.E. *see* Ghandakly, A.A. 38747
Shields, P.C. *see* Csiszar, I. 24714
Shiels, D. *see* Jasper, J. 53840
Shien-Fong Lin, Abbas, R.A., Wikswo, J.P., Jr. High-resolution high-speed synchronous epifluorescence imaging of cardiac activation 37681
Shien-Fong Lin *see* Abbas, R.A. 59580
Shien-Kuei Liaw *see* Keang-Po Ho 6854
Shien-Kuei Liaw *see* Keang-Po Ho 47969
Shientung Peng *see* Qian-Ping Gu 40057
Shier, W., Kennett, R., Vaclav, E., Gieci, A. Advanced power plant training simulator for VVER-440/V230 nuclear power plants 30074
Shietung Peng, Sedukhin, I., Seukhin, S. Design of array processors for 2-D discrete Fourier transform 53341
Shietung Peng *see* Qian-Ping Gu 52507
Shifa Xu *see* Xu Shifa
Shifang Jiang *see* Jiang Shifang
Shiffler, D. *see* Englert, T.J. 58964
Shiffler, D. *see* Hendricks, K. 11231
Shiffman, C.A. *see* Huang, M. 18317
Shiffman, S., Shortliffe, E.H. Biomedical imaging and the evolution of medical informatics 15423
Shifrin, M., Lyons, C., Grammer, W., Katzin, P. An electronic directional coupler 11663
Shifroni, E., Ginat, D. Simulation game for teaching communication protocols 39635
Shifu Yuan, Minxian Wu, Yingbai Yan, Guofan Jin One-step implementation of the optical hit-miss transform 13760
Shifu Zhu *see* Zhu Shifu
Shig Kim Beom *see* Beom Shig Kim
Shiga, H. *see* Korogi, Y. 59489
Shiga, N. Modeling on statistical distribution of optimal noise figure in pulse-doped GaAs MESFETs 2704
Shiga, N., Otobe, K., Kuwata, N., Matsuzaki, K., Nakajima, S. Low consumption power application of pulse-doped GaAs MESFET's 53625
Shiga, T. *see* Sato, Y. 49484
Shigehara, M. *see* Hamakawa, A. 14194
Shigehiro, Y. *see* Itoh, K. 11859
Shigehisa Arai *see* Huang Yidong 14102
Shigeishi, M., Ohtsu, M. Acoustic emission waveform analysis in two-dimensional models 4628
Shigekawa, H. *see* Hata, K. 54324
Shigekawa, H. *see* Miyake, K. 12176
Shigekawa, N., Enoki, T., Furuta, T., Ito, H. High-energy and recombination-induced electroluminescence of InAlAs/InGaAs HEMT's lattice-matched to InP substrates 43134
Shigekazu, U. *see* Tohru, Y. 29109
Shigemasa, R. *see* Nitta, Y. 43141
Shigematsu, M. *see* Iwashima, T. 43937
Shigematsu, M. *see* Kakui, M. 47982
Shigematsu, N. *see* Shishiguchi, S. 10771
Shigematsu, S. *see* Mutoh, S. 1450
Shigematsu, T. *see* Kanda, T. 10643
Shigematsu, T. *see* Miyazaki, M. 54049
Shigematsu, T. *see* Watanabe, T. 55207
Shigematsu, W. *see* Iwai, T. 42950
Shigemori, H. *see* Iwao, T. 37645
Shigemoto, R. *see* Takai, M. 32792
Shigenaka, K., Matsushita, K., Sugiura, L., Nakata, F., Hirahara, K., Uchikoshi, M., Nagashima, M., Wada, H. Orientation dependence of HgCdTe epitaxial layers grown by MOCVD on Si substrates 703
Shigeno, H., Oshima, H., Matsushita, Y. HMSP: host mobility support protocol on the Internet 57638
Shigeno, M., Iwata, S. A cost-scaling algorithm for 0-1 submodular flows 40068
Shigeno, M. *see* Shioura, A. 40053
Shigeoka, T. *see* Kawata, S. 56543
Shigesawa, H., Tsuji, M., Oliner, A.A. New improper real and complex solutions for printed-circuit transmission lines and their influence on physical effects 11743
Shigeta, B. *see* Koh, M. 2665
Shigeta, B. *see* Koyama, M. 2579
Shigeta, J. *see* Hosomi, K. 22892
Shigeta, K. *see* Purnomo, M.H. 50968
Shigeta, T. *see* Takahashi, E. 41750
Shigeta, Y., Endo, J., Maki, K. A characteristic feature of crystalline thin-film growth of Si on a 7×7 superlattice surface of Si(111) 10768
Shigeta, Y., Tada, G. ICs for color plasma display panel drivers 48782
Shigetani, H., Kobayashi, K., Fujimoto, M., Sugimura, W., Matsui, Y., Tanaka, J. $BaTiO_3$ thin films grown on $SrTiO_3$ substrates by a molecular-beam-epitaxy method using oxygen radicals 40396
Shigeto, K. *see* Takamatsu, S. 58678
Shigi, H. *see* Matsushima, N. 11991
Shigi, T. *see* Fukuda, M. 11187
Shigi, T. *see* Saitoh, T. 11186
Shigi, T. *see* Yonemura, N. 10134
Shigi, T. *see* Yonemura, N. 31093
Shigihara, K. *see* Kakimoto, S. 55682
Shiguang Cao *see* Cao Shiguang
Shiguang Tao *see* Tao Shiguang
Shiguang Wang, Shepherd, G.G., Ward, W.E. Field widening a Michelson interferometer in convergent light 58833
Shigyo, N. *see* Yoshimi, M. 32410
Shigyo, N. *see* Yoshimi, M. 42986
Shih, A., Yater, J., Hor, C., Abrams, R. Secondary electron emission studies 41759
Shih, A.H. *see* Walter, A.E. 58903
Shih, C.-H.V., Sherkat, N., Thomas, P. Generic error compensation algorithm for managing flexibility of dynamic structures using neural fuzzy approaches 27680
Shih, C.J., Wang, C.S. Multiobjective fuzzy and stochastic engineering optimization with maximizing reliability 39709
Shih, F.Y. *see* Soo-Chang Pei 57150
Shih, H.-J. *see* Murphy, C.T. 49262
Shih, H.D. *see* Benson, J.D. 21287
Shih, H.D. *see* Bevan, M.J. 707
Shih, H.D. *see* Bevan, M.J. 40465
Shih, H.D. *see* Duncan, W.M. 30805
Shih, H.H., Appell, G.F. A new design of trawl resistant bottom mount for miniaturized ADCP current meters 50179
Shih, H.H., Basileo, M.A. Extraction of wave information from NOAA's water level measurement network 50161
Shih, J.-D. *see* Greenberg, R.I. 31040
Shih, M. *see* Lung-Tien Liu 31050
Shih, M. *see* Pan, J.J. 14000
Shih, M. *see* Pan, J.J. 23480
Shih, M.-H., Choa, F.S., Tanbun-Ek, T., Logan, R.A., Tsang, W.T., Burrus, C.A. A very simple integrated coherent receiver with record high sensitivity 36155
Shih, M.C. *see* Liou, C.L. 44028
Shih, R. *see* Lee, C.C. 55739
Shih, T., Der, L., Lewis, S.H., Hurst, P.J. A fully differential comparator using a switched-capacitor differencing circuit with common-mode rejection 21836
Shih, T.K., Chin-Hwa Kuo, Huan-Chao Keh, Fang-Tsou, C.T., Kuan-Shen An An object-oriented database for intelligent multimedia presentations 26361
Shih, W. *see* Dubbs, T. 59292
Shih, W.-H. *see* Aksay, I.A. 2997
Shih, W.-K. *see* Hasnat, K. 12989
Shih, W.-K. *see* Jallepalli, S. 22859
Shih, W.-K. *see* Jallepalli, S. 41820
Shih, W.-K. *see* Jallepalli, S. 42326
Shih, W.-K. *see* McKeon, J.B. 54646
Shih, W.-S.V., Wei-Chung Lin, Chin-Tu Chen Contour model guided image warping for image interpolation 8043
Shih, W.C., Ghiti, A., Low, K.S., Greer, A.L., O'Neill, A.G., Walkery, J.F. Analysis of geometrical and microstructural effects on void formation in metallization: observation and modelling 42778
Shih, W.C., Ghiti, A., Low, K.S., Greer, A.L., O'Neill, A.G., Walker, J.F. Direct correlation between grain configuration and electromigration damage development 42781
Shih, W.C., Greer, A.L. Transmission electron microscopy of Al-Cu interconnects during in-situ electromigration testing 54269
Shih, W.K. *see* Jallepalli, S. 2647
Shih, W.T., Hubert Ho, F., Burkett, B. Advanced high thermal conductivity carbon-carbon (C-C) composites for electronic thermal management applications 39791
Shih, Y.H. *see* Sergienko, A.V. 24611
Shih, Y.H. *see* Zhang, H.Y. 4042
Shih Ching-Hsiang *see* Ching-Hsiang Shih
Shih Ching-Tang *see* Ching-Tang Shih
Shih Chung-Hsieh *see* Chung-Hsieh Shih
Shih Da-Yuan *see* Da-Yuan Shih
Shih Hsi-Ching *see* Hsi-Ching Shih
Shih Hui-Jung *see* Hui-Jung Shih
Shih Li Chung *see* Li Chung Shih
Shih Miin-Zhih *see* Miin-Zhih Shih
Shih Ming-Feng *see* Ming-Feng Shih
Shih Mu-Piao *see* Mu-Piao Shih
Shih Sheng-Wen *see* Sheng-Wen Shih
Shih Tang *see* Savtchenko, A. 18890
Shih Wei Chou *see* Mu Der Jeng 22929
Shih Wei Wang *see* Kow Ming Chang 30889
Shih Wei-Kai *see* Wei-Kai Shih
Shih Wen-Ching *see* Wen-Ching Shih
Shih-Arn Hwang *see* Po-Song Chen 4545
Shih-Chang Hsia, Bin-Da Liu, Jar-Ferr Yang, Chien-Hsiu Huang A parallel video converter for displaying 4:3 images on 16:9 HDTV receivers 17065
Shih-Cheng Wang, Ingram, M.A. Performance analysis of an optical serial-to-parallel converter with erbium-doped fiber amplifier 16784
Shih-Cheng Wang *see* Cross, J. 36175
Shih-Chieh Chang, Marek-Sadowska, M., Kwang-Ting Cheng Perturb and simplify: multilevel Boolean network optimizer 21627
Shih-Chieh Chang, van Ginneken, L.P.P.P., Marek-Sadowska, M. Fast Boolean optimization by rewiring 11098
Shih-Chieh Hsich *see* Huang, G.M. 8849
Shih-Chieh Wei, Yagi, Y., Yachida, M. Online map building based on ultrasonic and image sensor 27903
Shih-Chii Liu, Boahen, K. Adaptive retina with center-surround receptive field 57043
Shih-Chii Liu, Mead, C. Continuous-time adaptive delay system 11601
Shih-Chu Huang, Wuu-Wen Lin, Mao-Hsiung Chen Cross-talk analysis of time-division multiplexing of polarization-insensitive fiber-optic Michelson interferometric sensors with a 3×3 directional coupler 36634
Shih-Chu Liao, Alcala, J.R. Real time fiber optic technologies for monitoring physiological parameters with optical biosensors 17551
Shih-Chun Chang *see* Ying-Wah Wu 56336
Shih-Chung Ben Lo *see* Yue Wang 59557
Shih-Der Tseng *see* Sham-Tsong Shiue 43928
Shih-Fang Lai *see* Shi-Lin Chen 19247
Shih-Fu Chang *see* Bocheck, P. 57445
Shih-Fu Chang *see* Jianhao Meng 5149
Shih-Fu Chang *see* Noguchi, Y. 5148
Shih-Fu Chang *see* Smith, J.R. 25414
Shih-Hsiang Hsu, Hryniewicz, J.V., Mingcho Wu, Yen-Ping Ho, Porkolab, G.A., Yung Jui Chen External cavity laser array with monolithically integrated glass waveguide and Rowland circle grating for WDM applications 36153
Shih-Hsiang Hsu *see* Porkolab, G.A. 22565
Shih-Hsu Chang, Fang-Hsuan Cheng, Wen-Hsing Hsu, Guo-Zua Wu Fast algorithm for point pattern matching: invariant to translations, rotations and scale changes 56705
Shih-Hsuan Yang Computational cutoff rate of an input runlength-limited BSC 4498
Shih-I Chen, Fuja, T. Tradeoffs between error rates and failure rates in channel-coded land mobile radio voice applications 36038
Shih-Jeh Wu, Reyner, J., Shung, K.K., Routh, H.F. A study on the feasibility of using power level for detection of turbulence and vessel differentiation in Doppler power imaging 28192
Shih-Jye Shen, Chrong-Jung Lin, Ching-Hsiang Hsu, C. Ultra fast write speed, long refresh time, low power F-N operated volatile memory cell with stacked nanocrystalline Si film 41165
Shih-Liang Wang Mechanism simulation with Working Model 20649
Shih-Liang Wang *see* Chen, J.C. 20611
Shih-Lien Lu *see* Li, J. 11505
Shih-Lien Lu *see* Ramachandran, R. 1259
Shih-Ping Lin, Tzuang, C.-K.C. Scattering analyses of asymmetric conductor-backed CPW open-end discontinuity problem 53522
Shih-Schon Lin, Chiou-Shann Fuh Range data reconstruction using Fourier slice theorem 5312
Shih-Tsung Yang, Ephremides, A. On the optimality of complete sharing policies of resource allocation 35478
Shih-Wei Wang *see* Kow-Ming Chang 32179
Shih-Wei Wang *see* Kow-Ming Chang 40566
Shih-Wei Wang *see* Kow-Ming Chang 42509
Shih-Wei Wang *see* Kow-Ming Chang 52765
Shih-Wei Wang *see* Kow-Ming Chang 54514
Shih-Yen Lin, Young-Jou Lai, Chang, S.I. Short-run statistical process control: multicriteria part family formation 52316
Shih-Young Cheng *see* Cheng Shih-Young
Shih-Yuan Lin, Lee, C.C. A full wave analysis of microstrips by the boundary element method 14653
Shiho, M. *see* Ishizuka, H. 1920

Shiho, M. *see* Kawasaki, S. 18049
Shihong Tian *see* Tian Shihong
Shihub, S.I., Gould, R.D. Studies of phase transformations in some metal phthalocyanine thin films using measurements of current as a function of temperature 42017
Shiiki, M. *see* Toyama, H. 13826
Shiino, T., Takezawa, H., Nobuta, K. The influence on insulation reliability of printed circuit boards (PCBs) cleaned by alternative cleaning agents which contain nonionic surfactants 11933
Shiiyama, K., Izu, T., Kinoshita, C., Kutsuwada, M. Measurements of electrical conductivity of ceramics under electron irradiation in a high voltage electron microscope 36838
Shijie Chen *see* Chen Shijie
Shijie Cheng, Rujing Zhou, Lin Guan An on-line self-learning power system stabilizer using a neural network method 60309
Shijie Cheng *see* Cheng Shijie
Shijie Zhou *see* Takeno, H. 23158
Shijin Li *see* Li Shijin
Shijing Zhu *see* Zhu Shijing
Shijun Sun *see* Sun Shijun
Shik, A. *see* Blencowe, M. 22391
Shik, A.Ya. *see* Averkiev, N.S. 32098
Shik Kang Hyun *see* Hyun Shik Kang
Shik Moon Young *see* Young Shik Moon
Shikama, T., Narui, M., Sagawa, T. Radiation induced electromotive force in mineral insulated cable under reactor irradiation 53722
Shikano, K. *see* Nakamura, S. 15127
Shikano, K. *see* Takiguchi, T. 15105
Shikano, K. *see* Yonezaki, T. 24814
Shikata, M. *see* Matsuyama, K. 41184
Shikata, M. *see* Mineo, N. 16796
Shikata, M. *see* Shirakawa, S. 60354
Shikata, S., Nakahata, H., Higaki, K., Fujii, S., Kitabayashi, H., Tanabe, K., Seki, Y. SAW device application of diamond 13376
Shikata, Y. *see* Suzuki, S. 6552
Shikatani, M. *see* Araki, K. 6783
Shikatani, M. *see* Toyoda, M. 6785
Shikatani, M. *see* Toyoshima, M. 8498
Shikazono, M., Fujiki, H. Quick seam finder for arc welding robot 52323
Shikazono, M. *see* Takahashi, M. 58838
Shikhabutinov, V. *see* Gromov, G. 38476
Shikhaliev, P.M. A new hard X-ray detector based on microchannel plates 7848
Shikhin, V.A., Christodoulides, X., Pavluk, G.P. Statistical approach to the regions of required quality construction in synchronous generators computer analysis 19727
Shikhov, Yu.A., Korshunov, I.G. Measurements of thermal diffusivity of solids at low temperatures with the laser diagnostic method 48973
Shiki, J. *see* Chen, W. 24906
Shikida, M., Sato, K., Harada, T. Fabrication of an S-shaped microactuator 43386
Shikida, M., Sato, K., Takeshita, K., Suzuki, S. Propagation speed of an electrostatic S-shaped film actuator related to environmental gas pressure conditions 44977
Shikida, M. *see* Yoshioka, T. 21409
Shikimachi, K. *see* Sato, S. 9416
Shikin, V.B. Contact phenomena in a semiconductor film with activational conduction 54252
Shikov, A. Superconductors for the ITER model coils 32935
Shikov, A. *see* Bruzzone, P. 55100
Shikov, A. *see* Nikulin, A. 55098
Shiktorov, P. *see* Reggiani, L. 41952
Shiktorovs, P. *see* Reggiani, L. 32350
Shilat, F. *see* Ofek, E. 46159
Shiliang Dai *see* Dai Shiliang
Shiliang Zhou *see* Kuzyk, M.G. 7372
Shilling, S.R. Electrical transient stability and underfrequency load shedding analysis for a large pump station 39462
Shilling, S.R. A practical approach to automating petrochemical facility VAr control 51899
Shilo, V.V. *see* Aksenov, G.A. 36440
Shiloh, M., Dabrowski, B., Hinks, D.G., Mitchell, J., Zhang, K., Mogilevski, R. Thermoelectric properties of $La_{2-x}Sr_xCuO_4$ 32898
Shiloh, P.J., Liedke, V. Flux-free soldering 41661
Shilov, A.A. *see* Freidman, G.I. 18835
Shilov, A.I. *see* Bakit'ko, R.V. 48163
Shilov, K.A. *see* Karpov, O.V. 27809
Shilov, V.A. *see* Bushik, A.I. 23219
Shilstein, S.S. *see* Eichhorn, F. 42545
Shilun Guo *see* Guo Shilun
Shim, C., Park, K., Lee, J., Lee, J., Lee, S. A new ring protocol for ATM-MAN 46751
Shim, C. *see* Ryoo, I. 46597
Shim, H.W. *see* Jeon, H.I. 32028
Shim, I.K. *see* Darveaux, R. 20884
Shim, J.H., Cho, H.S., Kim, S. An actively compliable probing system 30144
Shim, J.Y., Park, S.W., Baik, H.K. Silicide formation in cobalt/amorphous silicon, amorphous Co-Si and bias-induced Co-Si films 54267
Shim, K.-H., Lim, J.-T. Performance analysis and design of token-passing networks with two message priorities 47136
Shim, K.H. *see* Myoung, J.M. 2004
Shim, T.E. *see* Lee, D.H. 2809
Shim Hoon *see* Hoon Shim
Shim Jae Dong *see* Jae Dong Shim
Shim Jae-Myung *see* Jae-Myung Shim
Shim Jeoung-Chill *see* Jeoung-Chill Shim
Shim Jong-In *see* Jong-In Shim
Shim Shin-Ho *see* Shin-Ho Shim
Shim Tae-Earn *see* Tae-Earn Shim
Shim Young-Cho *see* Young-Cho Shim
Shim Young-Chul *see* Young-Chul Shim
Shima, A., Tada, H., Ono, K., Fujiwara, M., Utakouji, T., Kimura, T., Takemi, M., Higuchi, H. Highly reliable 60°C 50-mW operation of 650-nm band window-mirror laser diodes 44499
Shima, A., Tada, H., Utakouji, T., Motoda, T., Tsugami, M., Higuchi, H., Aiga, M. Reliability of 680-nm window laser diodes at 50-100 mW CW operation 55635
Shima, A. *see* Tachibana, Y. 45812
Shima, I., Ohba, K., Ohba, A. The characteristics of desmear treatment of through-holes by corona discharge process 11940
Shima, K., Asahina, I.L., Sukuraba, H., Fujita, K., Tanaka, J., Hagimura, A., Kitahara, M. Development of high heat resistant substrate material (BN300) for electronic packaging 320
Shima, K. *see* Hagimura, A. 30262
Shima, K. *see* Kawamura, H. 3670
Shima, K. *see* Waibel, A. 14945
Shima, M. *see* Faggin, F. 11488
Shima, M. *see* Hara, N. 21927
Shima, M. *see* Suehiro, H. 31208
Shima, N. *see* Yasugi, H. 58854
Shima, S. *see* Deguchi, M. 17796
Shima, S. *see* Kotera, H. 43639
Shima, T., Kimura, S., Iida, T., Obara, A., Makita, Y., Kudo, K., Tanaka, K. High concentration nitrogen ion doping into GaAs for the fabrication of GaAsN 12652
Shima, T., Makita, Y., Kimura, S., Harada, K., Iida, T., Kotani, M., Osawa, A., Shibata, H., Obara, K., Kudo, K., Tanaka, K., Kobayashi, E., Hoshino, Y. Optical and electrical properties of heavily carbon-doped GaAs fabricated by high-energy ion-implantation 12696
Shima, T., Makita, Y., Kimura, S., Iida, T., Fang, X., Jiang, D., Kudo, K., Tanaka, K. Low energy nitrogen ion doping into GaAs using combined ion-beam and molecular-beam epitaxy method 32123
Shima, T., Yamamoto, E., Kuniyoshi, S., Kudo, K., Tanaka, K., Kimura, S., Obara, A., Makita, Y. In-plane photoconductivity of InAs/GaAs strained-layer structures prepared on variously oriented GaAs substrates 12445
Shima, T. *see* Harada, K. 12700
Shimabukuro, T. *see* Senjyu, T. 50947
Shimada, A., Hyunyong Han, Kawamura, S. Analysis of friction characteristics on human fingers 27929
Shimada, A. *see* Inoue, M. 22477
Shimada, A. *see* Inoue, M. 22478
Shimada, E. *see* Sakurai, T. 6020
Shimada, H. *see* Ohchi, M. 44906
Shimada, H. *see* Ono, K. 12598
Shimada, H. *see* Ushiki, T. 54791
Shimada, H. *see* Ushikil, T. 43100
Shimada, K. *see* Furuichi, R. 29331
Shimada, M., Oaku, H., Yamanashi, M. Development of the NASDA Airborne Synthetic Aperture Radar (NASAR-1) 8313
Shimada, M. *see* Habuka, H. 12155
Shimada, M. *see* Hase, T. 13519
Shimada, M. *see* Hase, T. 55134
Shimada, M. *see* Matsukura, N. 55099
Shimada, M. *see* Miyazaki, T. 55103
Shimada, N., Shirai, Y., Kuno, Y. Hand gesture recognition using computer vision based on model-matching method 56822
Shimada, N. *see* Takeuchi, D. 41868
Shimada, R. *see* Murakami, R. 34578
Shimada, S. The graphic arts industry in the year 2000 and beyond 20280
Shimada, S. *see* Kondo, K. 5027
Shimada, S. *see* Takasaki, Y. 7078
Shimada, T. A study on flexible electric power distributor in open electric energy network 60386
Shimada, T., Fukui, T., Hato, K., Terada, S., Hoshino, K., Ohe, K., Yamamoto, M., Hori, M., Nagashima, I., Miki, A. New materials for molten carbonate fuel cell 51513
Shimada, T., Kumit, N.A. Application of image relaying to nonlinear beam distortion measurements and profile shaping 14240
Shimada, T. *see* Chigiri, T. 29341
Shimada, T. *see* Kanai, Y. 22653
Shimada, T. *see* Miyachi, H. 41252
Shimada, T. *see* Mizuno, O. 19495
Shimada, T. *see* Saitoh, H. 38264
Shimada, T. *see* Tanaka, K. 1852
Shimada, T. *see* Tanaka, K. 53838
Shimada, W. *see* Hasegawa, T. 12142
Shimada, Y., Hirakawa, K. High-field domain formation conditions in semiconductor multiple quantum well sequential resonant tunneling structures 54198
Shimada, Y., Inoue, A., Nasu, T., Nagano, Y., Matsuda, A., Arita, K., Uemoto, Y., Fujii, E., Otsuki, T. Time-dependent leakage current behavior of integrated $Ba_{0.7}Sr_{0.3}TiO_3$ thin film capacitors during stressing 2984
Shimada, Y. *see* Hirakawa, K. 12479
Shimada, Y. *see* Senba, N. 59876
Shimakage, H. *see* Tonouchi, M. 43765
Shimakawa, H. *see* Matsumura, N. 52630
Shimakawa, K. On the non-exponential photocurrent decay in hydrogenated amorphous silicon 3577
Shimakawa, K., Abdel-Wahab, F. The Meyer-Neldel rule in chalcogenide glasses 31876
Shimakura, H. *see* Fang, Z.-Q. 12612
Shimamoto, A., Tanaka, K. Geometrical analysis of an optical fiber bundle displacement sensor 17438
Shimamoto, H. *see* Kondo, M. 41465
Shimamoto, N. *see* Washizu, M. 1844
Shimamoto, S. *see* Kato, T. 51866
Shimamoto, T. *see* Katayama, T. 11867
Shimamoto, T. *see* Sakamoto, A. 40084
Shimamoto, T. *see* Xingzhao Liu 21071
Shimamoto, Y. *see* Kotera, N. 12483
Shimamoto, Y. *see* Miura, N. 2198
Shimamoto, Y. *see* Yamanaka, K. 12485
Shimamune, T. *see* Katsuki, N. 54316
Shimamura, H. *see* Imai, T. 6010
Shimamura, K. *see* Chani, V.I. 30726
Shimamura, K. *see* Koh, H.J. 10655
Shimamura, K. *see* Osako, F. 46097
Shimamura, K. *see* Schaefer, N. 10645
Shimamura, K. *see* Takeda, H. 30716
Shimamura, K. *see* Terada, Y. 10667
Shimamura, K. *see* Uda, S. 10657
Shimamura, K. *see* Yu, Y.M. 30725
Shimamura, T., Semnani, S., Cowan, C.F.N. A channel estimation-based adaptive equaliser for time-variant communications channels 5705
Shimamura, T., Semnani, S., Cowan, C.F.N. Equalisation of time variant communications channels: channel estimation based approaches 25799
Shimamura, T. *see* Kunieda, N. 14904
Shimamura, T. *see* Kunieda, N. 45701
Shimanaka, T. *see* Haneda, T. 22695
Shimane, K. *see* Tadakuma, S. 50997
Shimano, H. *see* Oashi, T. 41171
Shimano, H. *see* Sakashita, N. 1340
Shimano, H. *see* Sakashita, N. 41142
Shimano, K. *see* Fukui, M. 58294
Shimano, Y. *see* Watanabe, M. 44100
Shimanoe, K. *see* Uemura, K. 42562
Shimansky, D., McQueen, H.J. Hot working of heat resistant rapidly solidified aluminum alloy 8009 10935
Shimaoka, K. *see* Yoshikawa, S. 32965
Shimaoka, M., Fukuda, K., Kumazawa, T. Bonding structural design of lenses for LD modules 23632
Shimasaki, H., Tsutsumi, M. Optical control of radiation pattern of active patch antennas 56196
Shimasaki, H. *see* Hasegawa, H. 1687
Shimasaki, T. *see* Kato, Y. 43314
Shimataka, N. *see* Tanno, K. 21586
Shimatani, F. *see* Kitajima, A. 11404
Shimauchi, S., Makino, S. Stereo echo cancellation algorithm using imaginary input-output relationships 16373
Shimawaki, H. *see* Amamiya, Y. 1713
Shimawaki, H. *see* Murakami, S. 31501
Shimawaki, H. *see* Suzuki, Y. 47937
Shimawaki, Y. *see* Deguchi, H. 56138
Shimawaki, Y. *see* Ishiguro, M. 56192
Shimaya, M. *see* Itsumi, M. 12580
Shimazaki, A., Tamaoki, M., Sasaki, Y. Analytical methods for organic impurities adsorbed on silicon wafer surfaces 43203
Shimazaki, H., Suda, K., Suzuki, H., Kawamura, H. The IN service operations system based on the call processing history database 26277
Shimazaki, K. *see* Takao, H. 44112
Shimazaki, T. *see* Terayama, K. 48421
Shimazaki, T. *see* Toyoshima, M. 16415
Shimazaki, T. *see* Yamazaki, T. 37416
Shimazaki, Y., Norisue, K., Ishibashi, K., Maejima, H. An 8-mW, 8-kB cache memory using an power-save architecture for low power RISC microprocessors 21711
Shimazu, H. *see* Saito, K. 31688
Shimazu, I. *see* Saito, K. 32266
Shimazu, N. *see* Kato, J. 32265
Shimazu, N. *see* Kunioka, T. 42875
Shimazu, N. *see* Tokinaga, S. 21049
Shimazu, T. *see* Nakao, K. 12617
Shimazu, Y. *see* Sakamoto, M. 1461
Shimazu, Y. *see* Teraoka, E. 47461
Shimazu Yoshihiro, Ikehata Seiichiro, Kobayashi Shunichi Dependence of Coulomb blockade in ultrasmall single tunnel junctions on tunnel resistance 13508
Shimba, M. *see* Nakano, H. 33575
Shimba, M. *see* Sato, T. 44534
Shimbo, B.N., Komarov, S., Vartanian, B.J., Okada, Y., Harris, J.S., Jr. Atomic force microscope chemically induced direct processing 22901
Shimbo, M. *see* Kanemitsu, H. 504
Shimbo, M. *see* Kanemitsu, H. 10373
Shimbo, M. *see* Kudo, M. 4913
Shimin Sheng *see* Sheng Shimin
Shimin Wang *see* Wang Shimin
Shimin Wu *see* Wu Shimin
Shiming Zhou *see* Zhou Shiming
Shimiru, M. *see* Aoki, K. 13728
Shimizu, A., Shinoda, S., Sugita, S., Hiroshima, K., Yano, K., Kasuga, M. Improvement of open circuit voltage of SnO_2-nSi solar cells 61083
Shimizu, A. *see* Fujisaki, H. 44275
Shimizu, A. *see* Kamohara, S. 12648

Shimizu, A. *see* Matsusaka, M. 49452
Shimizu, A. *see* Minami, M. 53300
Shimizu, A. *see* Saito, K. 31688
Shimizu, A. *see* Saito, K. 32266
Shimizu, A. *see* Suguri, K. 1447
Shimizu, A. *see* Yano, K. 54576
Shimizu, D.T. *see* Nxumalo, J.N. 22850
Shimizu, E. *see* Purnomo, M.H. 50968
Shimizu, E. *see* Sakamoto, K. 17612
Shimizu, E. *see* Yamada, K. 15459
Shimizu, F. *see* Takashige, M. 2945
Shimizu, F.O., Kawai, K., Homma, H., Minoh, A. Effect of foreign gas on gain and rotational and translational temperatures for regular and sequence band transitions in waveguide CO_2 laser 33363
Shimizu, H., Harada, J., Bland, C., Kawakami, K., Chan, L. Advanced concepts in electric vehicle design 39320
Shimizu, H., Harada, J., Lam Chan, Kawakami, K., Ochiai, J. Development of a high performance electric vehicle 51743
Shimizu, H., Maeda, Y., Kimoto, S., Murata, K. Shinko high-speed electric machines 19679
Shimizu, H., Sudou, D., Satoh, T., Saitou, S. Computer simulation of stress induced dislocation multiplication in large-diameter silicon wafer in high-temperature device processing 31778
Shimizu, H. *see* Kato, S. 35043
Shimizu, H. *see* Kawatani, T. 15553
Shimizu, H. *see* Koide, A. 33097
Shimizu, H. *see* Matsubara, K. 31912
Shimizu, H. *see* Nakasuji, M. 54546
Shimizu, H. *see* Notomi, S. 5928
Shimizu, H. *see* Terazima, M. 44684
Shimizu, H. *see* Wakai, S. 11181
Shimizu, H.M. *see* Kishimoto, M. 23420
Shimizu, I. *see* Iida, Y. 61365
Shimizu, I. *see* Kitano, M. 30250
Shimizu, J., Miyanaga, Y., Tochinai, K. Signal enhancement using a robust adaptive total least squares algorithm 15265
Shimizu, K., Hallil, A., Amemiya, H. Noise elimination method using a transmission line for the diagnostics of radio frequency plasma 41738
Shimizu, K., Horiguchi, T., Koyamada, Y. Absolute frequency synthesis of pulsed coherent light waves through phase-modulation active optical feedback 13747
Shimizu, K. *see* Aritome, S. 11453
Shimizu, K. *see* Habazaki, H. 2340
Shimizu, K. *see* Mizuno, A. 38107
Shimizu, K. *see* Nakagawa, J. 16831
Shimizu, K. *see* Noji, T. 21428
Shimizu, K. *see* Oda, T. 38106
Shimizu, K. *see* Ohki, M. 55992
Shimizu, K. *see* Tanzawa, T. 1394
Shimizu, K. *see* Tsuji, K. 48963
Shimizu, K. *see* Watanabe, H. 41174
Shimizu, M. Study of shape control for modular mesh antenna 45388
Shimizu, M., Fujisawa, H., Shiosaki, T. Effects of La and Nb modification on the electrical properties of $Pb(Zr,Ti)O_3$ thin films by MOVCD 54921
Shimizu, M., Iwakuro, H. Chemical etching failure of SiO_2 film 12750
Shimizu, M., Kawaguchi, Y., Hiramatsu, K., Sawaki, N. MOVPE growth of thick homogeneous InGaN directly on sapphire substrate using AlN buffer layer 30830
Shimizu, M. *see* Fujimoto, T. 27526
Shimizu, M. *see* Nishihara, M. 58905
Shimizu, M. *see* Yamada, M. 33423
Shimizu, N., Sato, H. Process in PE free-volume preceding electrical tree initiation 43530
Shimizu, N., Tohyama, N., Sato, H. Electrical tree initiation in polyethylene absorbing Penning gas 13274
Shimizu, N., Waho, T., Ishibashi, T. Capacitance anomaly in the negative differential resistance region of resonant tunneling diodes 54568
Shimizu, R. *see* Ando, T. 54009
Shimizu, R. *see* Okubo, H. 23251
Shimizu, R. *see* Okubo, H. 54962
Shimizu, S., Kuroi, T., Kawasaki, Y., Tsutsumi, T., Oda, H., Inuishi, M., Miyoshi, H. Advanced ion implantation and rapid thermal annealing technologies for highly reliable 0.25 μm dual gate CMOS 2797
Shimizu, S., Sasaki, N., Ogata, S., Tsukakoshi, O. Ion beam deceleration characteristics of a high-current, mass-separated, low-energy ion beam deposition system 843
Shimizu, S., Shimojo, M., Sato, S., Seki, Y., Takahashi, A., Inukai, Y., Yoshioka, M. The relation between human grip types and force distribution pattern in grasping 28082
Shimizu, S., Suematsu, Y., Yahata, S. A wide angle vision sensor with high distortion lens-detection of camera location and gaze direction based on two-parallel-line algorithm 48680
Shimizu, S. *see* Dementyev, D.V. 37249
Shimizu, S. *see* Furukawa, A. 2837
Shimizu, S. *see* Kuribayashi, K. 23076
Shimizu, S. *see* Kuroi, T. 2810
Shimizu, S. *see* Maeda, N. 52878
Shimizu, S. *see* Sato, S. 28083
Shimizu, S. *see* Sayama, H. 43296
Shimizu, S. *see* Tanaka, Y. 35389
Shimizu, S. *see* Wu, J. 40376
Shimizu, S. *see* Yasuoka, A. 43013
Shimizu, T. Photovoltaic power generation system for Yoyogi parking area 60607
Shimizu, T., Ichiraku, T., Takeda, H., Kanatsu, T., Takagi, K. Development of 36 cm (14.1-inch) TFT full-color LCD module 36806
Shimizu, T., Nakanishi, T. Recent large capacity molded transformers 38778
Shimizu, T., Nakatsugawa, M., Ohtsuka, H. Performance of GaAs MESFET photodetectors with wide drain-to-gate distances in subcarrier optical transmission 26923
Shimizu, T., Sasaki, J., Miyauchi, M., Kasai, H. Bottleneck clearance on a computer communication system through a wide-area high-speed network 26199
Shimizu, T., Sato, N., Shinozuka, A. Ventilation system for single-dwelling residences 20239
Shimizu, T., Takahashi, M., Teramoto, R. Making a series of molded transformers 38777
Shimizu, T., Yamamoto, H., Masataki, H., Matsunaga, S., Sagisaka, Y. Reduction of number of word hypotheses for large vocabulary continuous speech recognition 15109
Shimizu, T., Yamamoto, H., Masataki, H., Matsunaga, S., Sagisaka, Y. Spontaneous dialogue speech recognition using cross-word context constrained word graphs 15144
Shimizu, T. *see* Hamada, S. 9330
Shimizu, T. *see* Hayashi, F. 41163
Shimizu, T. *see* Horiba, S. 1359
Shimizu, T. *see* Kawai, M. 18334
Shimizu, T. *see* Kurita, H. 55714
Shimizu, T. *see* Mori, K. 18335
Shimizu, T. *see* Ogihara, M. 44296
Shimizu, T. *see* Qing Mao 39374
Shimizu, T. *see* Takizawa, T. 44075
Shimizu, T. *see* Uchida, T. 17380
Shimizu, T. *see* Yasuoka, Y. 27563
Shimizu, T. *see* Yoshida, S. 53340
Shimizu, T. *see* Zaitsu, Y. 40659
Shimizu, Y., Kanai, C. A 1.5-inch monochrome CRT display for Hi-Vision view-finder 17064
Shimizu, Y., Komatsu, H., Michishita, S., Miura, N., Yamazo, N. Sensing characteristics of hydrogen peroxide sensor using carbon-based electrode loaded with perovskite-type oxide 27462
Shimizu, Y., Koto, M., Maruyama, A., Yukimura, K. Electron density produced by surface corona discharge on ceramics of high dielectric constant with needle electrodes 53888
Shimizu, Y., Yumoto, M., Sakai, T. Monte Carlo simulation in discharge at very high E/n condition 12062
Shimizu, Y. *see* Egashira, M. 22268
Shimizu, Y. *see* Idehara, T. 53993
Shimizu, Y. *see* Kobayashi, Y. 13387
Shimizu, Y. *see* Mori, K. 18335
Shimizu, Y. *see* Ui, O. 58252
Shimizu-Iwayama, T., Nakao, S., Saitoh, K. Optical and structural properties of implanted silicon nanocrystals 31754
Shimizu-Iwayama, T., Nakao, S., Saitoh, K. Optical and structural characterization of implanted nanocrystalline semiconductors 41870
Shimizugashira, T. *see* Ito, K. 41344
Shimkiene, I. *see* Kavaliauskas, J. 42118
Shimkunas, A. *see* Didenko, L. 42869
Shimmei, Y., Takasuka, T. Network security 16261
Shimmin, D.W. *see* Binns, K.J. 9230
Shimoda, A. *see* O'Sullivan, E. 21515
Shimoda, H. *see* Ishitobi, N. 11649
Shimoda, K. Optical frequency counters 17815
Shimoda, M. *see* Kato, T. 51866
Shimoda, T. *see* Hanada, T. 26919
Shimoda, T. *see* Kitamura, N. 44005
Shimoda, Y., Satoh, H. Abnormal surge responses in bi-directional thyristors at high surge current 32385
Shimodaira, H. *see* Kanno, S. 24870
Shimogaki, Y., Sugiyama, M., Nishioka, K., Nezuka, M., Nakano, Y., Tada, K., Komiyama, H. Simplified modeling of ECR-RIBE reactor for the optimization of GaAs etching process with Cl_2 54468
Shimogori, S. *see* Sano, M. 40793
Shimohara, K. *see* Morimoto, M. 46103
Shimoji, M. *see* Iwakiri, T. 7087
Shimojima, K. *see* Kubota, N. 30513
Shimojo, M. Mechanical filtering effect of elastic cover for tactile sensor 36458
Shimojo, M. *see* Sato, S. 28083
Shimojo, M. *see* Shimizu, S. 28082
Shimojo, S. *see* Kamahara, J. 6335
Shimojo, S. *see* Noritake, K. 26247
Shimojoh, N. *see* Terahara, T. 48004
Shimokado, S. *see* Kanaoka, Y. 60240
Shimokawa, F. *see* Makihara, M. 43995
Shimokawa, F. *see* Shoji, T. 33111
Shimokawa, H. *see* Lee, C. 10083
Shimokawa, H. *see* Yamamoto, K. 10078
Shimokawa, K. *see* Minagawa, H. 33856
Shimokawa, R. *see* Kashiwagi, Y. 41824
Shimokawa, R. *see* Ono, K. 21765
Shimokawa, R. *see* Osterwald, C.R. 39167
Shimokozono, M. *see* Katoh, Y. 33456
Shimoma, I., Ichikawa, N., Yokoyama, M. Control and supervisory system for Sodeshi LNG receiving terminal 48386
Shimomura, H. Subjects and fundamental countermeasure on HTGR gas turbine 38620
Shimomura, K. *see* Oashi, T. 41171
Shimomura, K. *see* Sakai, T. 55434
Shimomura, K. *see* Sakashita, N. 1340
Shimomura, K. *see* Sakashita, N. 41142
Shimomura, K. *see* Watanabe, K. 28779
Shimomura, K. *see* Yamagata, T. 12966
Shimomura, S., Ishizaki, A., Saito, K. Novel variable reluctance N-speed synchro and its application for synchronous reluctance motor drive 29672
Shimomura, S. *see* Hiyamizu, S. 42109
Shimomura, S. *see* Ishizaki, A. 51063
Shimomura, S. *see* Tomita, N. 22375
Shimomura, T. *see* Ikebe, K. 50320
Shimomura, T. *see* Shiyuan Yang 14459
Shimomura, T. *see* Tanaka, K. 33765
Shimomura, Y. *see* Okayama, H. 29415
Shimomura, Y. *see* Okayama, H. 51248
Shimonaka, A. *see* Inoue, Y. 49326
Shimone, J. *see* Fukutomi, H. 40709
Shimonishi, H., Takine, T., Murata, M., Miyahara, H. Performance analysis of fast reservation protocols in ATM networks 5710
Shimono, K. *see* Nagasaki, T. 52179
Shimono, T. *see* Shirakawa, T. 36250
Shimono, T. *see* Yamamoto, K. 42432
Shimono, Y. *see* Otsubo, M. 2970
Shimonosono, T., Nagaya, S., Masuda, T., Isojima, S. Development of a termination for the 77 kV-class high Tc superconducting power cable 28929
Shimony, S.E. *see* Melkman, A.A. 30500
Shimony, Y., Burshtein, Z., Kalisky, Y., Ben-Amar Baranga, A., Strauss, M. Progress in Q-switching of Nd:YAG lasers using Cr^{4+}:YAG saturable absorber 3736
Shimony, Y. *see* Kalisky, Y. 14267
Shimoo, T. *see* Okuda, H. 60828
Shimosaka, N. *see* Kamise, C. 36337
Shimosaka, N. *see* Misono, M. 16745
Shimosakoda, Y. *see* Kuno, Y. 5653
Shimosato, M. *see* Uchida, H. 47020
Shimoshio, Y., Miyoshi, M., Koga, H. Noise currents and noise voltages in AC supply lines due to a fluorescent lamp switching 20223
Shimotani, M. *see* Ogawa, K. 9699
Shimotomai, T. *see* Hoshimiya, N. 59810
Shimotori, S., Sounai, A. Evaporative cooling in polymer electrolyte fuel cell 51540
Shimotsu, M. *see* Murata, K. 61075
Shimotsuji, S. *see* Asano, M. 25714
Shimotsuma, Y. *see* Sakurada, H. 57940
Shimoura, H. *see* Kumamoto, H. 61312
Shimoura, H. *see* Nishimura, S. 58128
Shimoyama, H. *see* Murata, H. 33827
Shimoyama, I., Miyanaga, F., Nishizawa, S., Uemura, K., Morita, Y. Statistical analysis of short-latency flash visual evoked cortical potentials with noncephalic reference 28340
Shimoyama, I. *see* Kuwana, Y. 36770
Shimoyama, I. *see* Miura, H. 43373
Shimoyama, J. *see* Takeya, J. 55090
Shimoyama, K. *see* Fujii, K. 52651
Shimozawa, T. *see* Ohta, T. 15155
Shimozuma, T. *see* Ohkubo, K. 45308
Shimp, K. *see* Mazarakis, M.G. 17897
Shimpuku, Y. *see* Liu, G.H.C. 3221
Shimshoni, I. A fast method for estimating the uncertainty in the location of image points in 3D recognition 5132
Shimshoni, I., Ponce, J. Recovering the shape of polyhedra using line-drawing analysis and complex reflectance models 46422
Shimshoni, Y., Intrator, N. Classifying seismic signals by integrating ensembles of neural networks 25189
Shimura, M., Katsuma, M., Okumura, T. Stabilization of photoluminescence of porous silicon with nonaqueous anodic oxidation 13808
Shimura, T., Misaki, H., Umeno, M., Takahashi, I., Harada, J. X-ray diffraction evidence for the existence of epitaxial microcrystallites in thermally oxidized SiO_2 thin films on Si(111) surfaces 12770
Shimura, T. *see* Kubota, T. 3439
Shimura, T. *see* Miura, T. 32376
Shimura, T. *see* Nakamura, A. 24206
Shimura, T. *see* Suehiro, H. 31208
Shin, B.-C. *see* Kim, H.S. 26142
Shin, B.-C. *see* Kim, H.S. 57650
Shin, B.S. *see* Kie Bong Nahm 27955
Shin, D.-H. *see* Jang, J.-S. 24307
Shin, D.-H. *see* Park, J.-S. 24306
Shin, D.M. *see* Choi, J.-W. 31642
Shin, D.W. *see* Kwak, J.S. 42262
Shin, F.B., Kil, D.H. Robust mine detection and classification with target physics-derived features and classifiers 50271
Shin, F.B., Kil, D.H., Dobeck, G.J. The impact of lossy image compression on automatic target recognition performance 50270
Shin, F.B., Kil, D.H., Wayland, R. IER clutter reduction in shallow water 27100
Shin, F.B., Kil, D.H., Wayland, R.F. Active impulsive echo discrimination in shallow water by mapping target physics-derived features to classifiers 48133
Shin, F.B. *see* Kil, D.H. 48469
Shin, F.Bongjoo *see* Bongjoo Shin, F.
Shin, H. *see* Bahar, R.I. 11030
Shin, H. *see* Racanelli, M. 43263
Shin, H. *see* Shin, H.C. 42989

Shin, H. *see* Wetteroth, T. 22911
Shin, H.-E. *see* Nelson, T.R., Jr. 3934
Shin, H.-K. *see* Lee, J.-G. 42260
Shin, H.C., Racanelli, M., Huang, W.M., Ford, J., Foerstner, J., Shin, H., Wetteroth, T., Hong, S.Q., Wilson, S.R., Schroder, D.K., Cheng, S. Measurement of generation lifetime in partially depleted SOI MOSFETs 42989
Shin, H.C. *see* Racanelli, M. 43263
Shin, H.J. *see* Shin, H.K. 40637
Shin, H.J. *see* Widmer, A.X. 26425
Shin, H.K., Shin, H.J., Lim, S.J., Yoo, D.J., Oh, N.Y., Yoo, H.J., Baek, J.T., Jun, C.H., Kim, Y.T. MOCVD of copper from new and liquid precursors (hfac)CuL where L=1-pentene, ATMS and VTMOS 40637
Shin, H.K. *see* Kwon, S.D. 2102
Shin, H.S. *see* Chi, K.K. 54470
Shin, H.S. *see* Katagiri, K. 55106
Shin, H.Y. *see* Chou, W.C. 30697
Shin, I., Lim, T.J., Lie, C.H. Estimating parameters of intensity function and maintenance effect for repairable unit 9983
Shin, J. *see* Lee, J. 1711
Shin, J. *see* Lee, J.S. 26511
Shin, J. *see* Park, J. 42606
Shin, J. *see* Xiao, P. 53355
Shin, J.-G., Boncelet, C.G., Jr. The UDEL switch: an approach to very large fast packet switches 16496
Shin, J.-H. *see* Nelson, T.R., Jr. 3934
Shin, J.-K., Io, E., Tsuji, K., Sugiura, T., Yonezu, H., Ohshima, N. A novel optical adaptive neurodevice using a split-gate MOS transistor 55350
Shin, J.H. *see* Sakong, D.S. 7457
Shin, J.K. *see* Kwon, Y.A. 51657
Shin, K. *see* Youn, J. 54508
Shin, K.G. *see* Ashish Mehra 25988
Shin, K.G. *see* Chou, C.-C. 47119
Shin, K.H. *see* Young, S. 28428
Shin, K.S. *see* Chi, K.K. 54470
Shin, K.S. *see* Lee, B.C. 59663
Shin, M. *see* Polyakov, A.Y. 2015
Shin, M. *see* Polyakov, A.Y. 30753
Shin, M. *see* Polyakov, A.Y. 52721
Shin, M.W. *see* Trew, R.J. 31499
Shin, R.T. *see* Johnson, J.T. 24476
Shin, R.T. *see* Johnson, J.T. 34041
Shin, S. *see* Kitahara, A. 51812
Shin, S. *see* Tanaka, R. 52926
Shin, S.-Y. *see* Lee, S.-S. 27538
Shin, S.-Y. *see* Park, S.Y. 3718
Shin, S.K. *see* Jang, J.H. 36133
Shin, T., Park, M.C., Park, Y., Rothberg, G.M., Harbison, J.P., Tanaka, M. Magnetism of epitaxial $Mn_{1-x}Ni_xAs$ films on GaAs(001) 23291
Shin, W. *see* Hong, S. 22642
Shin, W.C. *see* Choi, J.D. 1363
Shin, Y.C. *see* Lee, J.Y. 41167
Shin, Y.G. *see* Jeon, H.I. 32028
Shin, Y.G. *see* Keunjoo Kim 54439
Shin, Y.G. *see* Kim, S.E. 41173
Shin, Y.J. *see* Yang, D.I. 40439
Shin Byung Cheol *see* Byung Cheol Shin
Shin Cheol Sang *see* Cheol Sang Shin
Shin Dong Ho *see* Dong Ho Shin
Shin Dong Hyuk *see* Dong Hyuk Shin
Shin Dong Ki *see* Dong Ki Shin
Shin Dong Su *see* Dong Su Shin
Shin Dong-Kwan *see* Dong-Kwan Shin
Shin Dong-Suk *see* Dong-Suk Shin
Shin Doo-Sung *see* Doo-Sung Shin
Shin Eui-Chul *see* Eui-Chul Shin
Shin Eun-joo *see* Eun-joo Shin
Shin Hwayuh, Sun Cherngyuan Characterization of high-resistivity CdTe crystals for γ-ray detectors 41911
Shin Hwi-Beom *see* Hwi-Beom Shin
Shin Hyeon-Sik *see* Hyeon-Sik Shin
Shin Hyun Kook *see* Hyun Kook Shin
Shin Hyun Soo *see* Hyun Soo Shin
Shin Hyun Woo *see* Hyun Woo Shin
Shin Hyun-Eoi *see* Hyun-Eoi Shin
Shin Hyun-Ik *see* Hyun-Ik Shin
Shin Hyun-Joon *see* Hyun-Joon Shin
Shin Hyun-Koock *see* Hyun-Koock Shin
Shin Hyun-Kuk *see* Hyun-Kuk Shin
Shin Hyunchul *see* Hyunchul Shin
Shin Hyung-Cheol *see* Hyung-Cheol Shin
Shin Hyung-Soon *see* Hyung-Soon Shin
Shin Jae Hwi *see* Jae Hwi Shin
Shin Jae-Heon *see* Jae-Heon Shin
Shin Jang Jae *see* Jae Shin Jang
Shin Jeong Ho *see* Jeong Ho Shin
Shin Jin Koog *see* Jin Koog Shin
Shin Jin-Hi *see* Jin-Hi Shin
Shin Jin-Woo *see* Jin-Woo Shin
Shin Jong-Dug *see* Jong-Dug Shin
Shin Jong-Woo *see* Jong-Woo Shin
Shin Joong-Shik *see* Joong-Shik Shin
Shin Ju Cheol *see* Ju Cheol Shin
Shin Jung-Hun *see* Jung-Hun Shin
Shin Kang *see* Kang Shin
Shin Ki-Chul *see* Ki-Chul Shin
Shin Kyung Ho *see* Kyung Ho Shin
Shin Mincheol *see* Mincheol Shin
Shin Myong-Chul *see* Myong-Chul Shin
Shin Nerng-Fu *see* Nerng-Fu Shin
Shin Oh Youngin *see* Youngin Shin Oh
Shin Pan-Seok *see* Pan-Seok Shin
Shin Sang-Chul *see* Sang-Chul Shin
Shin Sang-Mo *see* Sang-Mo Shin
Shin Sang-Yung *see* Sang-Yung Shin
Shin Sanghun *see* Sanghun Shin
Shin Seo Dong *see* Dong Shin Seo
Shin Sung Ho *see* Sung Ho Shin
Shin Sung Moon *see* Sung Moon Shin
Shin Sung-Chul *see* Sung-Chul Shin
Shin Ta Liu Quality as the Management Strategic Tool 39911
Shin Whi-Beom *see* Whi-Beom Shin
Shin Yong-Deok *see* Yong-Deok Shin
Shin Young-Kil *see* Young-Kil Shin
Shin Youngsoo *see* Youngsoo Shin
Shin Yu Gyun *see* Yu Gyun Shin
Shin Yun Sup *see* Yun Sup Shin
Shin-Der Chen *see* Jiann-Fuh Chen 38259
Shin-Der Chen *see* Chen Shin-Der
Shin-Dug Kim *see* Oh-Young Kwon 21157
Shin-Ho Shim *see* Seok-Hwan Yoon 51760
Shin-Hon Chen, Shyh-Kang Jeng An SBR/image approach for radio wave propagation in indoor environments with metallic furniture 24475
Shin-Hon Chen, Shyh-Kang Jeng SBR/image approach for radio wave propagation in furnished environments 34047
Shin-Ichi Minato Generation of BDDs from hardware algorithm descriptions 11367
Shin-Ii Lim *see* Gil-Cho Ahn 11542
Shin-Ming Guo *see* Yann-Chyn Jeng 31535
Shin-ogi, M., Kato, K., Mandai, M., Saitoh, Y. A novel structure of a piezoresistive accelerometer with lateral detection using precise fabrication techniques 48487
Shin-Tson Wu, Chiung-Sheng Wu High brightness liquid crystal projection displays 3477
Shin-Tson Wu *see* Chen-Lung Kuo 58911
Shin-Ya Nunoue *see* Suzuki, N. 23712
Shin-Ya Sato *see* Francis, P. 57853
Shin-Ya Tomohiro *see* Yamauchi, Y. 30873
Shin-Yeu Lin Architecture and operations of the VLSI array processors for implementing a receding horizon controller 11483
Shin-Yeu Lin, Ch'i-Hsin Lin A modified distributed block Jacobi method for block additive unconstrained optimization problems of large systems 38239
Shin-Yeu Lin, Ch'i-Hsin Lin, Chih-Feng Li Experimental computer network and software development for the distributed state estimator 19055
Shina, S.G. *see* Gagne, D. 11868
Shinada, K. *see* Kitamura, T. 2422
Shinada, Y. *see* Xiaoxing Zhang 41298
Shinagawa, K. *see* Ohta, C. 5772
Shinagawa, Y., Hioki, H., Morimoto, J., Kunii, T.L. Recognizing three-dimensional shapes while measuring them 46501
Shinagawa, Y. *see* Mori, H. 32979
Shinan Qian, Haizhang Li, Takacs, P.Z. Penta-Prism Long Trace Profiler (PPLTP) for measurement of grazing incidence space optics 27907
Shinan Wang, Fujita, M., Tanimoto, G., Aida, F., Fujiwara, Y. Development of insulation material for DC cables–space charge properties of metallocene catalyzed polyethylene 19349
Shinano, Y., Higaki, M., Hirabayashi, R. A selection rule for parallel branch and bound algorithms 489
Shinar, J. *see* Li, F. 44279
Shinbo, K. *see* Kato, K. 2885
Shinbo, T. *see* Mizuno, H. 1334
Shinbo, T. *see* Sato, T. 48119
Shinde, S.R., Banpurkar, A.G., Adhi, K.P., Limaye, A.V., Ogale, S.B., Date, S.K., Marest, G. Synthesis of ultrafine/nanosize powders of iron oxides by pulsed laser ablation and cold condensation 40694
Shinde, S.S. *see* Gundu Rao, T.K. 3592
Shindler, J.D. *see* Schlatmann, R. 920
Shindo, D. *see* Taniyama, A. 1961
Shindo, I., Suzuki, N. Low temperature deposition of gate silicon dioxide film for thin film transistors by photoassisted remote plasma chemical vapor deposition method 892
Shindo, K. *see* Hirai, T. 20061
Shindo, M., Ishizone, M., Kato, H., Miyazaki, T., Sakuma, A. Exchange-spring behavior in sputter-deposited α-Fe/Nd-Fe-B multilayer magnets 13435
Shindo, S. *see* Hosoya, T. 51867
Shindo, T. *see* Iida, S. 41846
Shindo, Y. *see* Tamura, H. 55130
Shindou, Y., Miyake, T., Arai, H. Joint R&D of electronic toll collection system 26556
Shine, J.A. A genetic algorithm approach for configuring backpropagation architectures for imagery classification 57429
Shing Huang Ruey *see* Ruey Shing Huang
Shing Lau Wai *see* Wai Shing Lau
Shing Wong Man *see* Man Shing Wong
Shing Wong Wing *see* Wing Shing Wong
Shing-Huei Ho *see* Chao-Kuang Chen 10468
Shing-Kuo Pan *see* Hesler, J.L. 53620
Shing-Mo Cheng *see* Kwok-Tung Lo 5034
Shingledecker, C.A., Darby, E.R., Jr. Data link ATC communications and controller teamwork 59969
Shingu, H. An onboard measurement system of gravity gradients using inertial accelerometers 28551
Shingu, H., Sumi, T., Uchida, Y., Umeno, M. Hot-zone phenomena on electric contacts in DC 12 volt line 53724
Shingu, T. *see* Tanaka, M. 35103
Shingubara, S., Sano, A., Sakaue, H., Takahagi, T., Horiike, Y., Radzimski, Z.J., Posadowski, W.M. Cu deposition characteristics into submicron contact holes employing self-sputtering with a high ionization rate 42670
Shingubara, S. *see* Ichiki, T. 54525
Shingyouji, T. *see* Sudou, M. 22511
Shini Cheon Woo *see* Cheon Woo Shini
Shinichi, H. *see* Yamaguchi, T. 38821
Shinil Yoon The effects of communication technology on organizational structure: an empirical study 46872
Shinjiro, O. *see* Masakazu, H. 61335
Shinjo, K. *see* Mizukami, M. 3363
Shinjo, T. *see* Mibu, K. 32825
Shinjo, T. *see* Saito, M. 12071
Shinkai, K., Sugiyama, K., Matsushita, K., Goto, K., Ozawa, A. An ozone-friendly refrigeration unit for cooling underground power transmission cables 19331
Shinkai, K. *see* Kohama, T. 48761
Shinkai, T. *see* Yamagata, Y. 8966
Shinkarev, V.F. *see* Tkachev, L.G. 9727
Shinkareva, I.V. *see* Bel'dyugin, I.M. 44327
Shinkawa, K., Kajiwara, Y., Honda, Y., Suzuki, H. An automated highway system 36457
Shinkawa, T. *see* Nanto, H. 43901
Shinkawata, H. *see* Fujino, T. 22740
Shinma, Y. *see* Nakano, H. 34459
Shinme, H. *see* Nagata, H. 8314
Shinmoto, M. *see* Matsuguchi, M. 17343
Shinn, G.B. *see* Dixit, G.A. 2442
Shinn, J.L. *see* Wilson, J.W. 49855
Shinn, M.N. *see* Lee, J.-W. 32859
Shinn, M.N. *see* Lee, J.-W. 43682
Shinn-Fwu Wang *see* Ching-Cherng Sun 24274
Shinn-Tyan Wu *see* Wen-Kai Wan 21313
Shinnaka, S. Adaptive vector control of servo induction motors as an example of computer utilization 19730
Shinnoh, T., Kagawa, Y., Honma, T., Katoh, Y., Kiyokawa, H. A study of magnetic field analysis techniques for magnetically shielded room design 14645
Shino, T. *see* Kikuchi, Y. 31256
Shino, T. *see* Sunouchi, K. 41169
Shinobu, N. *see* Takahira, O. 29119
Shinoda, K., Matsuo, M., Suetsugu, T., Mori, S. PWM control scheme of resonant DC/DC converter with Class DE inverter and Class E rectifier 51327
Shinoda, K., Watanabe, T. Speaker adaptation with autonomous model complexity control by MDL principle 15094
Shinoda, M. *see* Yamada, S. 23458
Shinoda, S. *see* Nakano, K. 26562
Shinoda, S. *see* Nakano, K. 58185
Shinoda, S. *see* Shimizu, A. 61083
Shinoda, S. *see* Tamura, H. 57919
Shinoda, S. *see* Tamura, H. 58182
Shinogi, T., Kai Zhang, Hayashi, T., Kita, H. An iterative improvement method for evaluating the maximum number of simultaneous switching gates for combinational circuits 21640
Shinohara, A.H. *see* Suzuki, C.K. 10622
Shinohara, H., Hasebe, S., Uchiyama, K., Obuchi, M., Takizawa, K., Sato, S., Honda, M., Kuniyasu, Y., Niio, Y., Miyashita, M., Yamamoto, T., Koizumi, A., Hashimoto, T., Murayama, H., Yokoi, T., Kumazawa, Y. Comparative study on analytical attenuation compensation method of SPECT: regarding brain perfusion SPECT study 59402
Shinohara, H. *see* Nagata, H. 8314
Shinohara, J., Nagata, J., Saitoh, H., Kozakai, I., Ohuchi, A., Kurihara, M. Development of restoration system based on human performance model 38291
Shinohara, J. *see* Minagawa, H. 33856
Shinohara, K., Ito, A., Nakano, H., Kodama, I., Honda, T., Matsumura, T., Kinoshita, K. X-ray holographic microscopy of biological specimens with an electronic zooming tube 7950
Shinohara, K. *see* Baba, H. 49065
Shinohara, K. *see* Kobayashi, M. 39247
Shinohara, K. *see* Kondo, K. 12826
Shinohara, K. *see* Mieno, Y. 29254
Shinohara, K. *see* Omatu, S. 20235
Shinohara, M. *see* Fushimi, H. 31809
Shinohara, M. *see* Ishiyama, O. 54134
Shinohara, N. *see* Nakajima, H. 7024
Shinohara, R. *see* Yoshida, Y. 9429
Shinohara, S. *see* Derong Pan 35076
Shinohara, S. *see* Ichioka, Y. 35075
Shinohara, S. *see* Ito, M. 44596
Shinohara, S. *see* Ueda, Y. 40592
Shinohara, S. *see* Yuying Wu 16715
Shinohara, T. *see* Ishikawa, H. 6595
Shinohara, T. *see* Kasezawa, T. 48231
Shinohara, W., Koditschek, D.E. A simplified model based supercritical power plant controller 50777
Shinohara, Y. *see* Hamasaki, T. 11540
Shinohara, Y. *see* Oe, S. 15864
Shinohara, Y. *see* Wakiwaka, H. 59019

Shinohe, T. A study on method of measuring radiation efficiency of antennas 56165
Shinokawa, Y. *see* Nderu, J.N. 3032
Shinokubo, H. *see* Matsuoka, R. 8929
Shinomiya, N. *see* Saika, S. 40814
Shinomiya, Y. *see* Kurio, T. 16393
Shinomoto, M. *see* Kitahara, F. 57855
Shinomura, R. *see* Yokosawa, K. 59541
Shinonaga, H., Arakawa, M. Stepper exposure system for the quarter micron age 2542
Shinonaga, H. *see* Araki, N. 36062
Shinonaga, H. *see* Ezure, H. 29905
Shinotsuka, M., Shibaguchi, T., Abe, M., Ide, Y. Potentiality of the Ag-In-Sb-Te phase change recording material for high density erasable optical discs 43884
Shinozaki, H. *see* Mimaki, T. 11858
Shinozaki, K., Chang-Qing Xu, Sasaki, H., Kamijoh, T. A comparison of optical second-harmonic generation efficiency using Bessel and Gaussian beams in bulk crystals 14369
Shinozaki, K. *see* Sasaki, H. 44137
Shinozaki, K. *see* Xu, C.Q. 33643
Shinozaki, K. *see* Xu, C.Q. 44661
Shinozaki, M., Nakajima, A. Cooperative annotation on remote real objects 57973
Shinozaki, S. *see* Ohata, K. 21958
Shinozaki, T., Suda, A., Nagasaka, K., Tashiro, H. Time-gated injection for control of the buildup of TEA CO_2 lasers 33370
Shinozaki, T. *see* Suda, A. 13965
Shinozaki, T. *see* Suda, A. 33360
Shinozaki, Y. *see* Mori, H. 37762
Shinozuka, A. *see* Shimizu, T. 20239
Shinozuka, N. *see* Yamakoshi, Y. 18343
Shinozuka, T. *see* Miyamoto, S. 6609
Shinozuka, T. *see* Miyamoto, S. 16542
Shinozuka, T. *see* Yamanaka, Y. 16599
Shinpaugh, K. *see* Jones, M.E. 18658
Shinpaugh, K. *see* Jones, M.E. 49873
Shinpaugh, K. *see* Zabaronick, N. 17405
Shinriki, M. *see* Sato, R. 4485
Shintake, T. Nanometer spot size monitor using laser interferometry 37056
Shintake, T. Recent status of FCI: PIC simulation of coupled-cavity structure 37130
Shintake, T., Akasaka, N., Kubo, K., Matsumoto, H., Matsumoto, S., Takeda, S., Oide, K., Yokoya, K., Pearce, P., Watanabe, K. C-band main linac RF system for e^+e^- linear collider of 0.5 to 1.0 TeV C.M. energy 37131
Shintake, T., Akasaka, N., Obina, T., Chin, Y.H. Damped button electrode for B-Factory BPM system 49228
Shintake, T. *see* Lee, H.S. 37096
Shintaku, T. Electromagnetic-field propagation based on Maxwell's propagation operator 4245
Shintani, A. *see* Igawa, S. 15023
Shintani, A. *see* Kanda, T. 10643
Shintani, A. *see* Miyano, T. 10609
Shintani, Y. Growth of highly (111)-oriented, highly coalesced diamond films on platinum (111) surface: a possibility of heteroepitaxy 10814
Shintani, Y. *see* Yokota, Y. 30762
Shintomi, K., Nagaya, S., Hirano, N., Yahara, A., Sakano, M., Imai, K., Matsuba, H. High sensitivity SQUID damage detector in a high-T_c superconducting shield 40717
Shintomi, K., Yahara, A., Irisawa, D., Imai, K., Matsuba, H. A large scale high-T_c superconducting shield and its cryostat [for biomagnetic measurements] 49497
Shintomi, T. AC losses and related topics on superconducting magnets for high energy accelerators 37054
Shintomi, T. *see* Collings, E.W. 43773
Shintomi, T. *see* Hosoyama, K. 49159
Shintomi, T. *see* Hosoyama, K. 49160
Shintomi, T. *see* Kato, S. 49157
Shintomi, T. *see* Kim, S.W. 43864
Shintomi, T. *see* Kimura, A. 43778
Shintomi, T. *see* Morita, Y. 43846
Shintomi, T. *see* Nakai, H. 43844
Shintomi, T. *see* Scanlan, R.M. 13516
Shintomi, T. *see* Scanlan, R.M. 37053
Shinya, S. Futaba's automobile-use VFDs shine brighter than competitors 39341
Shinzawa, T., Kato, H. Fast step coverage simulation for 3D contact hole with analytical integral 12814
Shinzawa, T. *see* Sugai, K. 54492
Shio, A. *see* Aoki, Y. 5647
Shiobara, E. *see* Kanai, H. 22646
Shiobara, R. *see* Ueda, K. 50908
Shioda, S., Ohsima, Y., Takahashi, A., Sameshima, K. Experimental evaluation of a self-sizing network operation system on a nationwide ATM testbed 35645
Shioda, S., Saito, H. Cell-loss-ratio analysis with insufficient knowledge of traffic characteristics 57583
Shioda, S., Saito, H. Connection admission control guaranteeing negotiated cell-loss ratio of cell streams passing through usage parameter control 57610
Shioda, S., Saito, H., Yokoi, H. Sizing and provisioning for physical and virtual path networks using self-sizing capability 46814
Shioda, S. *see* Nakamura, H. 39221
Shioda, S. *see* Nakamura, H. 39222
Shioda, S. *see* Okuno, Y. 20056
Shiohama, E. *see* Wada, S. 39390
Shioiri, T., Kamikawaji, T., Kaneko, E., Homma, M. Influence of electrode shape and electron beam treatment on conditioning in vacuum gap breakdown 22122
Shioiri, T. *see* Yoshida, T. 9430
Shiojima, K., Nishimura, K., Tokumitsu, M., Nittono, T., Sugawara, H., Hyuga, F. Thermally stable InGaP/GaAs Schottky contacts using low N content double layer WSiN 22430
Shiojima, T. *see* Ohkubo, M. 40527
Shiojiri, H. *see* Martins, F.C.M. 56856
Shiokawa, J. *see* Homma, T. 43685
Shiokawa, S., Sasase, I. Performance analysis of network connective probability of multihop network under correlated breakage 5694
Shiokawa, S. *see* Enomoto, K. 26527
Shiokawa, S. *see* Enomoto, K. 35975
Shiokawa, S. *see* Enomoto, K. 46664
Shiokawa, S. *see* Kondoh, J. 7435
Shiokawa, S. *see* Kondoh, J. 27518
Shiokawa, S. *see* Takemori, K. 5739
Shiokawa, S. *see* Takemori, K. 35869
Shiokawa, Y. *see* Korogi, Y. 59489
Shiolashvili, Z. *see* Jishiashvili, D. 54281
Shiomi, A. *see* Nakano, T. 41125
Shiomi, H., Kobayashi, H., Kimura, T., Nakamura, M. Effect of dispersion state of SnO_2 particles in a glass matrix on the densification behaviour and the electrical properties of SnO_2-glass composites 12296
Shiomi, H., Kumazawa, Y. Development of diamond devices and recent progress in diamond growth 12139
Shiomi, K., Nagasue, T., Inoue, Y. Development of deflection/high-voltage integrated system to meet XGA specification 17613
Shiomi, K., Nagasue, T., Inoue, Y. High frequency deflection yoke driving system and the method of high voltage generation 27789
Shiomi, S., Kuroki, T., Miyazawa, Y., Ueda, T., Takeda, T., Nishiguchi, S., Nakajima, S., Kobayashi, K., Ochi, H. Hepatic distribution of blood flow from the superior or inferior mesenteric vein mapped by portal scintigraphy with iodine-123-iodoamphetamine 37630
Shiomi, T. Development of key technology for the high-performance information infrastructure 57943
Shiomi, T. *see* Kamada, T. 36308
Shiomi, T. *see* Kawai, M. 18334
Shiomi, T. *see* Nakakura, Y. 48218
Shiomi, Y. *see* Nakajima, H. 7024
Shiomoto, K., Yamanaka, N. A simple cell spacer architecture regenerating source cell interval for multiple traffic classes 35716
Shiomoto, K. *see* Miyaho, N. 26251
Shiomoto, K. *see* Yamanaka, N. 6086
Shiono, N. *see* Itsumi, M. 12580
Shiono, T. *see* Seguchi, T. 58089
Shionoya, T. *see* Doi, M. 59006
Shionoya, W. *see* Mizuno, T. 33247
Shiosaki, T. *see* Ibrahim, R.C. 2923
Shiosaki, T. *see* Shimizu, M. 54921
Shiota, F., Miki, Y., Fujii, Y., Namba, A., Morokuma, T., Nezu, Y., Kai, S., Hara, K. Present status of the NRLM superconducting magnetic levitation system for absolute determination of the magnetic flux quantum 27363
Shiota, F. *see* Fujii, Y. 27944
Shiota, I. *see* Hyodo, T. 12960
Shiota, I. *see* Noda, Y. 30710
Shiota, T. *see* Higuchi, K. 54414
Shiota, T. *see* Okano, H. 26916
Shiotani, K. *see* Ozaki, M. 58019
Shiotsuki, K. *see* Uchida, K. 24450
Shiou-Ying Chen *see* Wen-Chau Liu 42185
Shiou-Ying Cheng, Po-Hung Lin, Wei-Chou Wang, Jing-Yuh Chen, Wen-Chau Liu, Wei Lin AlInAs/InGaAs long-period-superlattice resonant-tunnelling transistor (LPSRTT) 42949
Shiou-Ying Cheng *see* Lih-Wen Laih 22882
Shiou-Ying Cheng *see* Wen-Chau Liu 42956
Shioura, A., Shigeno, M. The tree center problems and the relationship with the bottleneck knapsack problems 40053
Shioya, H., Da-Te, T. Transformation of convex functions and inequalities of divergences 45498
Shioya, J. *see* Morita, T. 11794
Shioya, K. *see* Hatori, M. 32999
Shioyama, T., Wen Biao Jiang Numerical 3-D shape inference from shading with new type of constraint 5093
Shioyama, Y. *see* Nakamura, N. 7403
Shiozaki, M. *see* Noda, K. 58511
Shiozaki, T. *see* Toda, H. 55313
Shiozawa, K., Oishi, T., Maeda, H., Murakami, T., Yasumura, K., Abe, Y., Tokuda, Y. Electrical characteristics of ultra-fine trench isolation fabricated by a new two-step filling process 32101
Shiozawa, N. *see* Hirosawa, Y. 13080
Shiozawa, N. *see* Watanabe, I. 10164
Shiozawa, S. *see* Hada, K. 38504
Shiozawa, T., Takahashi, H., Kimura, Y. Nonlinear saturation and efficiency enhancement in a Cherenkov laser using a dielectric grating 14200
Shiozawa, T. *see* Hirano, M. 47303
Shiozawa, T. *see* Kamise, C. 36337
Shiozawa, T. *see* Misono, M. 16745
Shiozawa, T. *see* Ueda, T. 14533
Shipaev, G.A. *see* Fel'dman, Yu.I. 20145
Shipaev, G.A. *see* Mashikhin, A.D. 20146
Shipaev, G.A. *see* Mashikhin, A.D. 20285
Shipeng Li *see* Weiping Li 35188
Shiping Chen, Meggitt, B.T., Palmer, A.W., Grattan, K.T.V., Pinnock, R.A. An intrinsic optical-fiber position sensor with schemes for temperature compensation and resolution enhancement 36609
Shiping Guo *see* Guo Shiping
Shiping Zhu *see* Knopf, G.K. 35136
Shipko, M.N. *see* Kostishyn, V.G. 23344
Shipko, M.N. *see* Kostishyn, V.G. 23345
Shiple, T.R., Singhal, V., Brayton, R.K., Sangiovnni-Vincentelli, A.L. Analysis of combinational cycles in sequential circuits 11287
Shipley, L.E., Roth, M.L. Data acquisition and distribution system (DADS) 8636
Shipman, D. *see* Jennings, C. 50845
Shipov, A.V. *see* Pastushenkov, Yu.G. 55066
Shipov, A.W. *see* Pastushenkov, Yu.G. 3124
Shipov, G.I. *see* Akimov, A.E. 34983
Shipsey, I., Alexander, J., Arndt, K., Bean, A., Bebek, C., Boyd, R., Brandenburg, G., Cherwinka, J., Darling, C., Duboscq, J., Fast, J., Foland, A., Hopman, P., Gan, K.K., Gao, Y., Kagan, H., Kass, R., Kim, P., Miller, D., Miller, W., Menon, N., Nemati, B., Oliver, J., Rush, C., Skubic, P., Spencer, M.B., Ward, C., Yurko, M., Zoeller, M. The CLEO III silicon tracker 59232
Shipsey, I. *see* Kagan, H. 37508
Shipsey, I. *see* Spencer, M.B. 59274
Shipulin, A., Onishchukov, G., Riedel, P., Michaelis, D., Peschel, U., Lederer, F. 10 Gbit/s signal transmission over 550 km in standard fibre at 1300 nm using semiconductor optical amplifiers 47961
Shipulin, A.V. *see* Dianov, E.M. 23812
Shiqi Nie *see* Nie Shiqi
Shiqi Wu *see* Wu Shiqi
Shiqian Sun *see* Sun Shiqian
Shiqian Yu *see* Fang Feng 57578
Shiqiang Wei *see* Liwen Wu 54266
Shiqing Xiang *see* Xiang Shiqing
Shiquan Tao, Min Xu Spatioangularly multiplexed holographic disks 43922
Shiquan Tao *see* Quan Yuan 44788
Shiquan Xi *see* Xi Shiquan
Shiqun Zhu *see* Jianping Yin 7664
Shirabawa, A. *see* Shidara, T. 49303
Shirabe, K., Hoshino, E., Watanabe, K. Bi-level resist process for 1-Gbit DRAM reticles 22631
Shirafuji, J., Sakamoto, Y., Furukawa, A., Sugino, T. Surface band bending and surface conduction in CVD diamond films 40425
Shirafuji, J. *see* Hashimoto, T. 12248
Shirafuji, J. *see* Hattori, R. 13807
Shirafuji, J. *see* Hattori, R. 40411
Shirafuji, J. *see* Inoue, M. 2270
Shirafuji, J. *see* Inoue, M. 22477
Shirafuji, J. *see* Inoue, M. 22478
Shirafuji, J. *see* Miyazaki, T. 30942
Shirafuji, J. *see* Sugino, T. 2280
Shirafuji, J. *see* Sugino, T. 10770
Shirafuji, J. *see* Sugino, T. 53945
Shirafuji, T., Stoffels, W.W., Moriguchi, H., Tachibana, K. Silicon surfaces treated by CF_4, CF_4/H_2 and CF_4/O_2 rf plasmas: study by in situ Fourier transform infrared ellipsometry 32214
Shiraha, M. *see* Hirose, K. 51466
Shirahama, H. *see* Hasegawa, T. 8859
Shirahata, K. *see* Maruyama, K. 21286
Shirahata, M. *see* Kuroi, T. 2810
Shirahata, M. *see* Sayama, H. 43296
Shirahata, M. *see* Yasuoka, A. 43013
Shirai, G. *see* Fujita, G. 19048
Shirai, H., Matsuda, Y., Sato, R. GTD analysis for evanescent modal excitation 24547
Shirai, H. *see* Awano, H. 23354
Shirai, H. *see* Sato, R. 33981
Shirai, H. *see* Sato, R. 56007
Shirai, K. Corpus of spoken dialogue and dialogue models 45661
Shirai, K., Amano, Y., Inoue, K. Stochastic modeling and stationary distributions for the C/S type network with collision by using jump process 57792
Shirai, K., Goto, F., Ichimura, M. Photoluminescence and Raman scattering of electrochemically deposited CdS films 12236
Shirai, K. *see* Iwano, Y. 46483
Shirai, K. *see* Ki Yong Lee 56390
Shirai, K. *see* Matsuoka, T. 15110
Shirai, K. *see* Mine, R. 56398
Shirai, M. *see* Hosomi, K. 22892
Shirai, M. *see* Matsuo, T. 32275
Shirai, S. *see* Fujimoto, K. 28422
Shirai, S. *see* Yoshimi, I. 17649
Shirai, S. *see* Yoshioka, H. 17648
Shirai, T., Shibata, K., Takahashi, A., Mori, K., Kasashima, N., Ueno, Y. Method for detecting faults in FFUs using SDP based on audio signal analysis 10039
Shirai, T., Sugimura, T., Iwashita, Y., Kakigi, S., Fujita, H., Tonguu, H., Noda, A., Inoue, M. Performance of the 100 MeV injector linac for the electron storage ring at Kyoto University 37142
Shirai, T., Tominaga, T., Kosukegawa, M. Characteristics of a Hall effect type multiplier for core loss measurement 55062
Shirai, T. *see* Dewa, H. 37141
Shirai, T. *see* Iwashita, Y. 49211

Shirai, Y., Nakamura, M., Ohmi, T. Specialty gas interactions with ultraclean silicon surfaces 40549
Shirai, Y. *see* Homma, Y. 10087
Shirai, Y. *see* Kang-Hyun Jo 56827
Shirai, Y. *see* Kuno, Y. 25470
Shirai, Y. *see* Mae, Y. 5070
Shirai, Y. *see* Nagai, A. 57303
Shirai, Y. *see* Nitta, T. 28723
Shirai, Y. *see* Nitta, T. 60308
Shirai, Y. *see* Okada, R. 25496
Shirai, Y. *see* Shimada, N. 56822
Shirai, Y. *see* Suzuki, Y. 23005
Shirai, Y. *see* Takizawa, H. 35314
Shiraishi, H. *see* Yoshimura, T. 32276
Shiraishi, J. *see* Hirose, Y. 11675
Shiraishi, K., Kitamura, J., Hara, K., Munekata, H., Kukimoto, H. Growth and optical properties of strained $(AlP)_n(GaP)_n$ short-period superlattices 54203
Shiraishi, K., Ohnuki, H., Hiraguri, N., Matsumura, K., Ohishi, I., Morichi, H., Kazami, H. A lensed-fiber coupling scheme utilizing a graded-index fiber and a hemispherically ended coreless fiber tip 33019
Shiraishi, T., Kawamoto, K., Ishikawa, K., Teraoka, E., Takata, H., Tokuda, T., Nishida, K. A 28 mW 16-bit digital signal processor for the PDC half-rate CODEC 21709
Shiraishi, T., Yagi, H., Endo, K., Kimata, M., Ozeki, T., Kama, K., Seto, T. PtSi FPA with improved CSD operation 27662
Shiraishi, T. *see* Nosich, A.I. 14591
Shiraishi, Y., Kurosaka, S., Imai, M. Silicon crystal growth using a liquid-feeding Czochralski method 10647
Shiraiw, A. *see* Katakami, K. 31712
Shirakashi, J., Ishii, M., Matsumoto, K., Miura, N., Konagai, M. Single electron transistors (SETs) with Nb/Nb oxides system fabricated by atomic force microscope (AFM) nano-oxidation process 2739
Shirakashi, J., Ishii, M., Matsumoto, K., Miura, N., Konagai, M. Surface modification of niobium (Nb) by atomic force microscope (AFM) nano-oxidation process 10929
Shirakashi, J. *see* Matsumoto, K. 54723
Shirakata, M. *see* Sato, H. 59166
Shirakata, M. *see* Tabuchi, J. 38947
Shirakawa, I. *see* Itoh, K. 11859
Shirakawa, I. *see* Miyanohana, K. 56809
Shirakawa, I. *see* Miyanohana, K. 57211
Shirakawa, I. *see* Morikawa, S. 48219
Shirakawa, I. *see* Okada, K. 21811
Shirakawa, I. *see* Onoye, T. 1479
Shirakawa, I. *see* Uno, H. 58320
Shirakawa, I. *see* Yoshida, Y. 53306
Shirakawa, K. *see* Morooka, S. 19510
Shirakawa, S., Fukumoto, H. Analysis of electromagnetic wave propagation considering continuity of polarization current by using vector facet elements 45050
Shirakawa, S., Watahiki, S., Shikata, M., Yamaji, K., Hatano, M. Evaluation of contamination characteristics of DC two staged porcelain type surge arresters 60354
Shirakawa, S. *see* Hasegawa, T. 9454
Shirakawa, S. *see* Nakada, Y. 28939
Shirakawa, S. *see* Uchida, S. 29361
Shirakawa, T., Ogawa, Y., Miki, N., Kitajima, H., Shimono, T. Improvement of the range compression in SAR image reconstruction 36250
Shirakawa, T. *see* Fujiwara, S. 10665
Shirakawa, T. *see* Fujiwara, S. 30695
Shirakawa, T. *see* Uemura, T. 55401
Shirakawa, Y., Horikishi, K., Amano, H. Distance measurement based on Compton scattering 58990
Shirakawa, Y. *see* Matsuo, T. 50413
Shiraki, D.Y. *see* Bera, L.K. 22557
Shiraki, K., Ohashi, M., Tateda, M. SBS suppression in dispersion-shifted fiber with a dual shape 13595
Shiraki, K. *see* Arai, Y. 15435
Shiraki, K. *see* Arai, Y. 46123
Shiraki, K. *see* Ohashi, M. 43940
Shiraki, Y., Sunamura, H., Usami, N., Fukatsu, S. Formation and optical properties of SiGe/Si quantum structures 2163
Shiraki, Y. *see* Bera, L.K. 22549
Shiraki, Y. *see* Kawaguchi, Y. 12474
Shiraki, Y. *see* Machida, T. 22327
Shiraki, Y. *see* Pan, W. 44556
Shiraki, Y. *see* Yaguchi, H. 40455
Shiramizu, K. *see* Kurihara, H. 45246
Shiramizu, Y. *see* Kitajima, H. 54416
Shiran, N.V. *see* Komar, V.K. 10603
Shirasaki, L. Depth and width measurement simulation of semiconductor trench by optical wave irradiation 42352
Shirasaki, M. Filtering characteristics of virtually-imaged phased-array 26928
Shirasaki, M. *see* Doerr, C.R. 58376
Shirasaki, T., Kashida, M., Kubota, Y. The evaluation of light resistance of pellicle membrane in the environment with solvent 22649
Shirasu, H., Sashida, H. Integrating the state transition diagram with call processing program using dataflow technique 58074
Shirasu, H. *see* Sashida, H. 6401
Shiratake, S., Takashima, D., Hasegawa, T., Nakano, H., Oowaki, Y., Watanabe, S., Ohsawa, T., Ohuchi, K. Folded bitline architecture for a gigabit-scale NAND DRAM 53298
Shiratake, S. *see* Ishii, H. 30686
Shiratake, S. *see* Nakano, H. 1405
Shiratama, K. *see* Araki, K. 6783
Shiratani, F. *see* Terashima, M. 23623
Shirato, R. *see* Sugasawa, F. 29867
Shirato, T. *see* Okada, T. 35740
Shiratori, A., Aitani, K., Obara, M. Observation of stable oscillation in a 635-nm AlGaInP diode laser with periodic phase-conjugate feedback 33495
Shiratori, H. *see* Kizawa, T. 58251
Shiratori, M., Qiang Yu Fatigue-strength prediction of microelectronics solder joints under thermal cyclic loading 268
Shiratori, M., Yu, Q., Wang, S.-B. A computational and experimental hybrid approach to creep-fatigue behavior of surface-mounted solder joints 30248
Shiratori, M. *see* Yagyu, M. 53440
Shiratori, M. *see* Yu, Q. 30245
Shiratori, N., Suganuma, T., Sugiura, S., Goutan Chakraborty, Sugawara, K., Kinoshita, T., Lee, E.S. Framework of a flexible computer communication network 47003
Shiratori, N. *see* Bista, B.B. 16090
Shiratori, N. *see* Teruya, K. 16170
Shiratsuchi, H. *see* Gotanda, H. 1653
Shiratsuchi, H. *see* Gotanda, H. 41368
Shirayanagi, K. Floating point Grobner bases 21014
Shirazee, N.A., Basak, A., Nakata, T., Takahashi, N. Analysis of permanent magnet lifting devices using finite elements 44986
Shirazi, M.N. *see* Noda, H. 5564
Shirazi, N., Athanas, P.M., Abbott, A.L. Implementation of a 2-D fast Fourier transform on an FPGA-based custom computing machine 15229
Shirazi, N. *see* Luk, W. 11419
Shirazi, N. *see* Luk, W. 21578
Shire, D.B., Tang, C.L., Hong, M., Wynn, J.D. Coupled in-plane and vertical-cavity laser 1×N routing switches 6722
Shire, D.B. *see* Parker, M.A. 23940
Shireen, W., Misir, D., Malki, H., Arefeen, M.S. A soft switching scheme for a PWM inverter using a fuzzy logic controller 51289
Shirer, H.N., Lambert, B.A., Jr., Zuccarello, L.V., Wells, R., Sikora, T.D. Brightness variability on synthetic aperture radar imagery of the sea surface caused by kilometer-scale atmospheric convective eddies 50120
Shirey, C.L. Automating the communications planning process 60146
Shirk, J.S. *see* Pong, R.G.S. 4090
Shirkoohi, G.H. *see* Wu, Z.Q. 29370
Shirley, B.L. *see* Maloney, J.G. 56091
Shirley, B.M. *see* Thursby, W.R. 7204
Shirley, E.L. *see* Hsu, J.W.P. 55167
Shirley, J.H. Velocity distributions from the Fourier transforms of Ramsey line shapes 27256
Shirley, J.H., Lee, W.D., Drullinger, R. The evaluation of NIST-7: a new era 27226
Shirley, J.H. *see* Garcia Nava, J.F. 17187
Shirley, J.H. *see* Lee, W.D. 27325
Shirmohammadi, D. *see* Qin Zhou 60383
Shirmohammadi, D. *see* Qin Zhou 60384
Shirobokov, A.M., Tovbin, B.S. Infrared sighting device in airborne forest-fire fighting 17483
Shirochin, L. *see* Baskin, L. 28494
Shirochin, L.A. *see* Fursey, G.N. 53943
Shiroishi, M. *see* Nagata, H. 26816
Shirokov, E.Yu. *see* Gelikonov, V.M. 14215
Shirokov, M.S., Leoni, R.E., Wei, C.J., Hwang, J.C.M. Breakdown effects on the performance and reliability of power MESFETs 32345
Shiroma, O. *see* Kawano, H. 35528
Shiroma, S. *see* Senjyu, T. 8821
Shiroma, S. *see* Uezato, K. 60259
Shiroma, W.A. *see* Bryerton, E.W. 11714
Shirong Zhou *see* Aritomi, M. 36973
Shiroshita, T., Sano, T., Takahashi, O., Yamashita, M., Yamanouchi, N., Kushida, T. Performance evaluation of reliable multicast transport protocol for large-scale delivery 5861
Shirota, H., Shibatani, S., Terai, M. A new rip-up and reroute algorithm for very large scale gate arrays 40824
Shirota, R. *see* Aritome, S. 11453
Shirota, R. *see* Tanzawa, T. 1394
Shirota, Y. *see* Jimbo, M. 43666
Shirota, Y. *see* Noda, T. 33278
Shirotsuki, T. *see* Minamizawa, M. 52217
Shirrell, C.D., Christiansen, W.H., Iyer, S., Bravenec, L.D. Prepregging for the twenty-first century: a solventless prepregging process 1831
Shirron, P., Vol Moody, M., Canavan, E. Development of a superconducting angular accelerometer 23427
Shirron, P.J., DiPirro, M.J., Moody, M.V., Canavan, E.R., Paik, H.J. Superconducting angular accelerometers for the Superconducting Gravity Gradiometer experiment 49988
Shirron, P.J. *see* DiPirro, M.J. 48449
Shirsavar, S.A., McCulloch, M. Speed sensorless vector control of induction machines 19749
Shirsavar, S.A., McCulloch, M.D. Speed sensorless vector control of induction motors with parameter estimation 9213
Shirsavar, S.A., McCulloch, M.D., Guy, C.G. Speed sensorless vector control of induction motors with parameter estimation 29321
Shirshov, Yu.M. *see* Kukla, A.L. 48721
Shiryaev, S.Yu. *see* Larsen, A.N. 41821
Shiryaev, S.Yu. *see* Nylandsted, L.A. 32109
Shishanin, O.E. Application of asymptotic methods to the investigation of synchrotron radiation properties with regard to betatron oscillations 17923
Shishatsky, A. *see* Zaika, V. 20290
Shishegar, A.A., Safavi-Naeini, S. A hybrid analysis method for planar lens-like structures 31489
Shishibori, M. *see* Arita, T. 21012
Shishido, H., Matsumoto, S., Kenbo, Y., Hoga, M., Koizumi, Y. Development of a particle detection system for phase-shifting masks 2460
Shishiguchi, S., Okamoto, T., Arai, K., Hasebe, K., Shigematsu, N. The reduction of grain size in LPCVD poly-Si by in situ oxygen and phosphorus doping 10771
Shishikui, Y. *see* Wentao Zheng 46102
Shishikura, M., Nakamura, I., Tanaka, S., Matsuoka, Y., Ono, T., Miyazaki, T., Tsuji, S. A symmetric double-core InGaAlAs waveguide photodiode for hybrid integration on optical platforms 55429
Shishikura, M. *see* Nakamura, H. 23719
Shishiov, I.I. *see* Dranevich, V.A. 27409
Shishkina, N.S. *see* Man'ko, V.S. 17269
Shishkov, A.G. *see* Usmanov, N.N. 13428
Shitanda, H., Terai, E., Sugita, T. Personal communicator "Pinocchio" 16478
Shitanda, M. *see* Ichiyanagi, T. 52124
Shitong Wang *see* Wang Shitong
Shitong Xi *see* Xi Shitong
Shitov, S.V., Ustinov, A.V., Iosad, N., Kohlstedt, H. On-chip radiation detection from stacked Josephson flux-flow oscillators 3286
Shitovitz, B. *see* Einy, E. 10265
Shiu, A. *see* Dong, L. 49762
Shiu, J., Parthasarathi, A.A., Jenkins, J.M., DiCarlo, L.A. Comparison of polynomial coefficients for pattern recognition of sinus rhythm (SR) and ventricular tachycardia (VT) 28386
Shiu Jiun *see* Jiun Shiu
Shiu Yin Yuen, Chi Ho Ma An investigation of the nature of parametrization for the Hough transform 5410
Shiu Yin Yuen *see* Lam, W.C.Y. 5411
Shiuan Huei Lin *see* Xianmin Yi 4031
Shiuan-Huei Lin *see* Campbell, S. 4101
Shiuan-Huei Lin *see* Campbell, S. 4102
Shiue, M.T. *see* Yin, S.C. 7074
Shiue Muh-Tain *see* Muh-Tain Shiue
Shiue Sham-Tsong *see* Sham-Tsong Shiue
Shiuh Chao, Chien-Chung Hung Large photoinduced ferroelectric coercive field increase and photodefined domain pattern in lithium-tantalate crystal 13245
Shiuh-Wuu Lee *see* Changhong Dai 2808
Shiuh-Yuan Chang *see* Kwang-Lung Lin 1851
Shiuhyuan Chang *see* Chang Shiuhyuan
Shiun-Chi Jan, Shyh-Kang Jeng A propagation modeling for microcellular communications in urban environments with vehicles and trees 34078
Shivakuman, P.N. *see* Chawla, M.M. 386
Shivakumar, N., Venkatasubramanian, S. Efficient indexing for broadcast based wireless systems 47587
Shivananda, V. *see* Fuqin Xiong 14781
Shivaniuk, A.N. *see* Lavrik, N.V. 58870
Shive, L.W. *see* Vepa, K. 42568
Shivkumar, B. *see* Narayan, K.S. 3610
Shiwa, S., Omura, K., Kishino, F. Three dimensional display with accommodative compensation (3D-DAC) using by gaze detection technique 17611
Shiwei Feng *see* Feng Shiwei
Shiwen, S. *see* Shengli, L. 35545
Shiwen Mao *see* Mao Shiwen
Shiwen Yang, Hongfu Li A rigorous study of the RF fields in complex cavities with gradual transitions 45345
Shiwen Yang, Hongfu Li Optimization of novel high-power millimeter-wave TM_{01}-TE_{11} mode converters 53529
Shiwen Yang, Honghu Li Analysis of complex cavities with abrupt transitions 56115
Shiwen Yang *see* Yang Shiwen
Shixian Xiong *see* Xiong Shixian
Shixiang Liu *see* Liu Shixiang
Shixin Yuan *see* Yuan Shixin
Shixing Li *see* Li Shixing
Shixiong Wu *see* Wu Shixiong
Shixuan Zhang *see* Zhang Shixuan
Shixue Dou *see* Dou Shixue
Shiyankov, S.V. *see* Aleksandrov, A.V. 49205
Shiyanov, A.I. *see* Annenkov, A.N. 29317
Shiyanovskii, S.V. The second harmonic generation in liquid crystals with helical structures 14290
Shiyi Mao *see* Mao Shiyi
Shiyi Xu *see* Xu Shiyi
Shiyong Liu *see* Baijun Chen 23696
Shiyong Liu *see* Runguang Sun 10961
Shiyong Liu *see* Weiyou Chen 13846
Shiyong Liu *see* Weiyou Chen 14127
Shiyong Liu *see* Liu Shiyong
Shiyou Yang *see* Yang Shiyou
Shiyu Zeng *see* Zeng, H.H. 25819

Shiyuan Yang, Shimomura, T. Interlacing technique approach for the synthesis of kinoforms 14459
Shiyuan Yang *see* Yupin Luo 57671
Shiyuan Yang *see* Yang Shiyuan
Shizawa, M., Iso, T. Representation and detection of multiscale, multi-orientation fields using local differentiation filters 4951
Shizhang Ye *see* Ye Shizhang
Shizhong Xie *see* Xie Shizhong
Shizhong Xu *see* Xu Shizhong
Shizhuo Yin Fabrication of $LiNbO_3$ photorefractive single crystal fibers and their applications 23478
Shizhuo Yin *see* Chun-Te Li 46117
Shizuki, Y., Iseki, Y., Takahashi, C., Yoshida, H., Mori, M., Saito, M., Yoshihara, K. Small sized synthesizer module for 1.9 GHz digital mobile communication 16564
Shizuya, H. *see* Burmester, M. 24678
Shizuya, H. *see* Itoh, T. 34571
Shkar, V.F. *see* Dan'shin, N.K. 3165
Shkaruba, V.N. *see* Gorenok, V.N. 5442
Shkarupin, S. *see* Ivanov, A. 16247
Shkerdin, G. *see* Stiens, J. 33057
Shklovskii, E.I. *see* Pashinin, P.P. 44404
Shklyaev, A.A., Aono, M., Suzuki, T. Influence of growth conditions on subsequent submonolayer oxide decomposition on Si(111) 2413
Shklyar, B. *see* Backmutsky, V. 28820
Shkol'nik, S.M. *see* Chaly, A.M. 22148
Shkolnikov, P.L. *see* Kaplan, A.E. 56067
Shkondin, Yu.A. *see* Sedlov, A.S. 38601
Shkuratov, S.I. Vacuum discharge from perovskite oxide electrodes 23216
Shkurinov, A.P. *see* Angeluts, A.A. 44631
Shkuropat, I.A. *see* Aleksandrov, G.N. 19794
Shkurovich, S., Sahakian, A.V., Swiryn, S. Detection of atrial activity from high voltage leads of implantable ventricular defibrillators 37771
Shkvarunets, A., Kobayashi, S., Weaver, J., Carmel, Y., Rodgers, J., Antonsen, T.M., Jr., Granatstein, V.L., Destler, W.W. Electromagnetic properties of corrugated and smooth waveguides filled with radially inhomogeneous plasma 1947
Shlager, K.L., Maloney, J.G. Limitations on using the staircased FDTD method when modeling narrow-angled TEM horn antennas 34302
Shlager, K.L. *see* Schneider, J.B. 24469
Shlapakovskii, A.S. Wide-bandwidth high-power Cherenkov amplifiers: why dielectric slow-wave structures? 55479
Shlapunov, Yu.A. *see* Kurishev, G.L. 17502
Shleenkov, A.S. *see* Bulychev, O.A. 58960
Shlegel, V.N. *see* Vasiliev, Ya.V. 30688
Shlepnev, I.O. *see* Chugunov, A.A. 52910
Shlimak, I., Ionov, A.N., Rentzsch, R., Lazebnik, J.M. On the doping of isotopically controlled germanium by nuclear transmutation with a high concentration of shallow donor impurities 12683
Shlomo Ta'Asan, Hong Zhang Fourier-Laplace analysis of the multigrid waveform relaxation method for hyperbolic equations 10518
Shlosman, S. *see* Bassalygo, L. 45492
Shlov, A.A. *see* Andreyev, N.F. 14377
Shlyagin, M.G., Miridonov, S.V., Tentori, D. Interferometric quasi-distributed fiber-optic sensor using point-like polarization couplers 48588
Shlyakhtenko, P.G. A new method and equipment for controlling the electrical properties of powder-based quasidielectric structures 952
Shlyapnikov, A.A. An experiment in quasi-simultaneous photometry of stars in the guide channel of a television spectrometer 48262
Shlyaptsev, V.N. *see* Nickles, P.V. 44369
Shlyaptsev, V.N. *see* Tomasel, F.G. 44351
Shlykov, G.P. *see* Danilov, A.A. 27364
Shmagin, I.K., Muth, J.F., Kolbas, R.M., Krishnankutty, S., Keller, S., Mishra, U.K., DenBaars, S.P. Observation of lasing from photopumped InGaN/GaN heterostructures in an edge emitting configuration 33477
Shmagin, I.K. *see* Keller, S. 40454
Shmakov, E. *see* Borodulkin, L. 17303
Shmakov, K. *see* Kotseroglou, T. 33602
Shmakov, P.S. *see* Albutov, A.A. 3239
Shmal'gauzen, V.I. *see* Larichev, A.V. 3476
Shmalhausen, V.I. *see* Kudryashov, A.V. 24490
Shmalhausen, V.I. *see* Prokofjeva, K.V. 23743
Shmaly, Yu.S. *see* Dubovik, M.F. 13230
Shmarcev, A.Yu. *see* Portnoi, E.L. 55641
Shmat'ko, A.A. *see* Chursin, V.S. 12082
Shmelev, D.L., Litvinov, E.A. The computer simulation of the vacuum arc emission center 23218
Shmelev, D.L. *see* Barengolts, S.A. 23224
Shmelev, S.S. *see* Birjulin, P.I. 54208
Shmeleva, G.A. *see* Nikanorov, V.B. 9196
Shmeleva, G.A. *see* Nikanorov, V.B. 19699
Shmeleva, G.A. *see* Nikanorov, V.B. 29267
Shmeleva, G.A. *see* Ostanin, S.Yu. 19702
Shmeleva, G.A. *see* Ostanin, S.Yu. 20101
Shmeleva, G.A. *see* Pikanorov, V.V. 19698
Shmelyova, G.A. *see* Nikanorov, V.B. 9193
Shmidt, E.M. *see* Serkin, V.N. 33622
Shmidt, N.M. *see* Berman, L.S. 12587
Shmouely, M., Zeevi, Y.Y. Image representation by level crossings of the wavelet transform 57296
Shmukler, B.I. *see* Shvartz, A.L. 29113
Shmulovich, J., Gates, J.V., Kane, C.F., Cappuzzo, M.A., Szalkowski, J.M. Successful development of non-planar lithography for micro-machining applications 33321
Shnitkin, H. Cost-effective phase shifter calibration technique for large phased array antennas 45467
Shnitkin, H., Collier, D. Measurement of isolation between two elliptically polarized SAR antennas 16921
Shnyrova, E.Yu. *see* Dugin, N.A. 36296
Shoaff, P.V., Jr., Schwartz, J., van Sciver, S.W., Weijers, H.W. HTS coil and joint development for a 5 T NMR insert coil 43847
Shoap, S. *see* Lu, C.H. 58510
Shobatake, Y. *see* Takabatake, Y. 35871
Shobbrook, C.A. *see* Richardson, K.M. 9189
Shober, R.A. *see* Evans, J.G. 47543
Shobha, R. *see* Nagamani, H. 43556
Shock, C. *see* Chialin Chang 58241
Shoda, A.Y. *see* Someda, Y. 22670
Shoda, M., Akagawa, K., Kazama, T. A 410 K pixel PtSi Schottky-barrier infrared CCD image sensor 27661
Shodai, T., Okada, S., Tobishima, S.I., Yamaki, J.I. Study of $Li_{3-x}M_xN$ (M: Co, Ni or Cu) system for use as anode material in lithium rechargeable cells 29581
Shodai, T. *see* Yamaki, J.I. 29593
Shoemaker, E. *see* Vogt, M. 36765
Shoemaker, E.L., Vogt, M.C., Dudek, F.J. Cyclic voltammetry applied to an oxygen-ion-conducting solid electrolyte as an active electrocatalytic gas sensor 36746
Shoemaker, E.L. *see* Vogt, M.C. 36732
Shoemaker, E.M. *see* Nozette, S. 27126
Shoemaker, P.A., Hutchens, C.G., Cooper, J.E., Lagnado, I. A floating-gate "synapse" circuit and its application to a neural network integrated circuit with on-chip learning 21858
Shoenauer, M. *see* Delahaye, D. 49958
Shofran, S.P. *see* Lawless, P.A. 29930
Shoga, M. *see* Jobe, K. 21782
Shoham Yair *see* Yair Shoham
Shohata, N. *see* Koike, H. 2999
Shohet, J.L. *see* Friedmann, J.B. 32078
Shohji, I., Yamada, T., Kimura, H. Flip chip attach technology by Au bump and In alloy solder 10162
Shoji, H., Nakata, Y., Mukai, K., Sugiyama, Y., Sugawara, M., Yokoyama, N., Ishikawa, H. Room temperature lasing at lower-order subband of self-formed InGaAs quantum dot lasers with multi-stacked dot layer 44578
Shoji, H., Otsubo, K., Fujii, T., Ishikawa, H. Calculated performances of 1.3-μm vertical-cavity surface-emitting lasers on InGaAs ternary substrates 23968
Shoji, H. *see* Koura, N. 3273
Shoji, H. *see* Mukai, K. 52698
Shoji, H. *see* Sahara, R. 3453
Shoji, K. Dilation and erosion of binary images by arbitrary structuring elements on pxy table 25719
Shoji, K., Moniwa, M., Yamashita, H., Kisu, T., Kaga, T., Torri, K., Kumihashi, T., Morimoto, T., Kawakami, H., Gotoh, Y., Itoga, T., Tanaka, T., Yokoyama, N., Kure, T., Ohkura, M., Fujisaki, Y., Sakata, K., Kimura, K. A 7.03-μm^2 Vcc/2-plate nonvolatile DRAM cell with a Pt/PZT/Pt/TiN capacitor patterned by one-mask dry etching 1356
Shoji, K., Uehara, Y., Sakata, K. Grain-oriented ceramics in bismuth layer-structure compounds for capacitor material 2935
Shoji, K. *see* Torii, K. 55001
Shoji, M., Omura, Y., Tomizawa, M. Physical basis and limitation of universal mobility behavior in fully depleted silicon-on-insulator Si inversion layers 42313
Shoji, M. *see* Omura, Y. 42983
Shoji, T., Sakamoto, K., Ohba, K., Suehiro, T., Hiratate, Y. Characterization of the PbI_2 crystal as a material for radiation detectors 59217
Shoji, T., Shimokawa, F., Nishida, Y. Optical device positioning by using Becke lines 33111
Shoji, T. *see* Ohba, K. 37311
Shoji, Y., Tanaka, H., Takao, M., Soutome, K. Longitudinal radiation excitation in an electron storage ring 27990
Shoji, Y. *see* Katagiri, K. 55106
Shoji, Y. *see* Machida, S. 18029
Shoji, Y. *see* Sato, H. 59166
Shoji Yamahata *see* Sano, E. 3651
Shoki, T. *see* Ashikaga, K. 22680
Shoki, T. *see* Ohkubo, R. 22682
Shoki, T. *see* Yamaguchi, Y. 10694
Shokin, Yu.I. *see* Belov, S.D. 16246
Shokooh, F., Wooton, B.F., Jun Qiu Real-time simulation and supervisory control; the next logical step after system monitoring 50377
Shokoohi, F. *see* Tarascon, J.M. 29558
Shokralla, S.S., Yasin, H., Kinawy, A.M. Perturbation analysis of a split-phase induction motor in time and frequency domains 51025
Sholes, W.J., Waites, E., Linden, D.W. Hardware-in-the-loop simulation for a weapon system with active millimeter wave, passive millimeter wave, and infrared sensors 28705
Sholley, M. *see* Gaier, T. 41485
Shon, J.W. *see* Meeks, E. 42515
Shon, N.H., Nazareno, H.N. Stark-cyclotron resonances in semiconductor superlattices 54188
Shong Kuo Mei *see* Mei Shong Kuo
Shong Xiaofei *see* Mao Zepu 59254
Shong Xiaoquan *see* Wan Jianwei 16852
Shono, M. *see* Uetani, T. 33494
Shook, S.G. *see* Schwartz, D.B. 23710
Shook, S.G. *see* Schwartz, D.B. 58390
Shoop, B.L. *see* Sayles, A.H. 33342
Shor, A. *see* Eisen, Y. 37667
Shor, A.N. *see* Lingsch, S. 50006
Shor, J.S., Kurtz, A.D., Grimberg, I., Weiss, B.Z., Osgood, R.M. Dopant-selective etch stops in 6H and 3C SiC 32164
Shor, P., Laflamme, R. Quantum analog of the MacWilliams identities for classical coding theory 45576
Shore, B.W. *see* Nguyen, H.T. 33598
Shore, B.W. *see* Perry, M.D. 14509
Shore, H. A general formula for the failure-rate function when distribution information is partially specified 52332
Shore, K.A., Kane, D.M. Cavity decoupling in external cavity FM diode lasers 23943
Shore, K.A. *see* Dellunde, J. 14126
Shore, K.A. *see* Dellunde, J. 33550
Shore, K.A. *see* Dellunde, J. 33551
Shore, K.A. *see* Spencer, P.S. 14139
Shore, K.A. *see* Turovets, S.I. 24024
Shore, K.A. *see* Turovets, S.I. 33474
Shore, K.A. *see* Valle, A. 23928
Shore, K.A. *see* Valle, A. 55689
Shore, N.L., Adamson, K., Bard, P., Burton, R.S., Clarke, C.D., Coutu, A., Kapoor, S.C., Kent, K.L., Pereira, F.P., Pincella, C., Sadek, K. DC side filters for multiterminal HVDC systems 8866
Shore, P. *see* Parr-Burman, P. 3529
Shore, R.A. *see* Yaghjian, A.D. 14587
Shore-Ting Yeh *see* Ying-Yu Tzou 51665
Shorey, J.A. *see* Nolte, L.W. 16991
Shorikov, A.F. An algorithm for a posteriori minimax estimation of states of discrete dynamic systems. I 40093
Shorokh, G.P., Savel'ev, V.A., Lobachenko, M.B., Lobachenko, N.I. Mathematical simulation of an urgent surgical pathology of abdominal cavity organs 49387
Shorrock, D.J. ATM in the European market: user views and the potential role of satellites 47208
Shors, S.M., Sahakian, A.V., Sih, H.J., Swiryn, S. A method for determining high-resolution activation time delays in unipolar cardiac mapping 8063
Short, K.T. *see* Williams, J.S. 42319
Short, M.J. *see* El-Ela, A.A. 60234
Short, M.J. *see* Hasan, U. 19084
Short, M.J. *see* Yalcinoz, T. 19182
Short, M.J. *see* Yalcinoz, T. 60258
Short, N.M., Jr. *see* Tilton, J.C. 57068
Short, R., Gamache, R., Vert, J., Massa, M. Windows NT clusters for availability and scalabilty 47161
Short, S.W. *see* Sparing, L.M. 23665
Short, S.X., Tantaswadi, P., de Carvalho, R.T., Russell, B.D., Blake, J. An experimental study of acoustic vibration effects in optical fiber current sensors 7393
Shorten, P.J. *see* Benson, J.D. 710
Shorten, R. *see* Neumerkel, D. 25225
Shorten, R.N. *see* McDonnell, J.D. 57419
Shortliffe, E.H. *see* Shiffman, S. 15423
Shortreed, M.R., Barker, S.L.R., Kopelman, R. Anion-selective liquid-polymer optodes with fluorescent pH chromoionophores, tunable dynamic range and diffusion enhanced lifetimes 27969
Shostack, S. In search of Galactic company [SETI/CETI] 36076
Shostak, D.R. *see* Carson, J.C. 36650
Shostak, V., Yagodzinskyj, V. Reflected electron distribution on anode surface of vacuum gap during electron beam bombardment: experimental results 22136
Shott, C.A. *see* Gunapala, S.D. 17494
Shott, C.A. *see* Gunapala, S.D. 17541
Shott, C.A. *see* Gunapala, S.D. 17542
Shott, C.A. *see* Gunapala, S.D. 36569
Shott, C.A. *see* Gunapala, S.D. 48665
Shotzman, G. *see* Liang, G. 32941
Shou Guoliang *see* Guoliang Shou
Shou Liu, Xiangsu Zhang, Hongkai Lai Holographic secret codes made with moire technique 44801
Shou Liu *see* Liu Shou
Shou Xian She Accurate perturbation analysis of metal-clad and absorptive multilayer dielectric waveguides in near cutoff 23541
Shou-Ke Wan *see* Wan Shou-Ke
Shou-Shing Hsieh, Shyh-Shyan Yang Flow structure and temperature measurements in a 3-D vertical free convective enclosure at high Rayleigh numbers 27972
Shou-Zen Fan *see* Jiann-Shing Shieh 49756
Shoubai Wang *see* Jinhai Si 3993
Shoubai Zhang *see* Zhang Shoubai
Shoucri, M., Dow, G.S., Fornaca, S., Hauss, B., Yujiri, L., Shannon, J., Summers, L. Passive millimeter wave camera for enhanced vision systems 18643
Shoufeng Hu The recent development of an ultrasonic nondestructive evaluation technique for metal matrix composites 52897
Shouhong Tang Generalized algorithm for phase shifting interferometry 35234
Shouhong Tang Self-calibrating five-frame algorithm for phase shifting interferometry 35239
Shouju Ren *see* Fung, R.Y.K. 20794

Shoukai Wang, Chung, D.D.L. Self-monitoring of strain in silicon carbide whisker reinforced silicon nitride 52864
Shoukry, A. *see* El Sorady, H. 57052
Shoukuan Fu *see* Huimin Liu 24218
Shoukuan Fu *see* Fu Shoukuan
Shoukui Pan *see* Pan Shoukui
Shoulun Cai *see* Cai Shoulun
Shoumin Zhou *see* Chance, B. 8008
Shounan Hua, Guolun Zhong, Nengzuo Jiang Electrochemical behaviour of vanadium bronze $Li_xV_3O_{15}$ cathode in a secondary lithium battery 29572
Shouno, K., Ishibashi, Y. Synthesis of an LR doubly terminated odd order LC filter with a minimum number of capacitors and its simulation by FDNRs 21788
Shoup, M., III *see* Bamber, C. 55579
Shouping Nie *see* Nie Shouping
Shouqi Wang *see* Fang Lu 41908
Shouqing Xue *see* Ruimin Liu 27202
Shousha, A.H. *see* Ghitani, H.E. 12930
Shoushan Fan *see* Fan Shoushan
Shousun Chen *see* Chen Shousun
Shouval, H. *see* Huynh, Q.Q. 34939
Shouyu Zhang *see* Zhang Shouyu
Shouyuan Shi *see* Shi Shouyuan
Shouzhong An *see* An Shouzhong
Shouzhuo Yao *see* Kang Chen 7452
Show-An Chen *see* Ching-Ian Chao 13863
Showen, R. An operational gunshot location system 50249
Showman, G.A. *see* Gasiewski, A.J. 8442
Shows, F. *see* Johnston, D. 38022
Shoyama, M. *see* Tanaka, H. 51326
Shoykhet, B.A. *see* Schiferl, R.F. 60722
Shpak, D.J. *see* Subramanian, S. 47565
Shpak, V.G. *see* Yalandin, M.I. 24371
Shpak, V.G. *see* Yalandin, M.I. 27997
Shpanion, S.P. *see* Pavlenko, Yu.F. 27260
Shpilevoi, A.A. *see* Rudakov, T.N. 40869
Shpunt, V.Kh. *see* Rud, V.Yu. 51582
Shrader, J. *see* Rutherford, P. 17401
Shrakawa, Y., Sugimoto, H. A study on industrial level measurement based on the use of gamma-ray scattering 36968
Shrednik, V.N. Crystal structure of the metal post-breakdown droplets on a nanometric or atomic scale 22121
Shrednik, V.N. Electron and ion point sources based on thermofield formations 53892
Shree Murthy *see* Garcia-Luna-Aceves, J.J. 35529
Shrestha, G. *see* Jiang, F. 50362
Shrestha, J.N. Solar PV water pumping system for rural development in Nepal: problems and prospects 29925
Shreter, Yu.G., Rebane, Y.T., Klyavin, O.V., Aplin, P.S., Axon, C.J., Young, W.T., Steeds, J.W. Dislocation-related absorption, photoluminescence and birefringence in deformed n-ZnSe crystals 12269
Shreter, Yu.G. *see* Steeds, J.W. 12196
Shreve, D. *see* Polichar, R. 37558
Shreve, K.P., DiNetta, L.C., Cotter, J.E., Bower, J.R., Ruffins, T.R., Barnett, A.M. Initial results for the silicon monolithically interconnected solar cell product 39030
Shreve, S.E. *see* Martins, L.F. 10250
Shribak, M.I. Autocollimating detectors of birefringence 7658
Shriberg, E. *see* Stolcke, A. 14966
Shridhar, A. *see* Hiraki, M. 11477
Shridhar, A. *see* Kojima, H. 21710
Shridhar, M. *see* Safari, R. 5159
Shrimpton, L. *see* Helszajn, J. 17749
Shrimpton, T.E. *see* Schell, S.V. 5701
Shrivastava, P. *see* Usha, P. 4367
Shrivastava, S., Bhushan, S. Photoconductive properties of chemically deposited (Cd-Zn)S:NaF,La films 3581
Shrivastava, S.C., Tiwari, A.K. Coupled dielectric corrugated antenna 34318
Shrivastava, S.K. *see* Khare, N. 36461
Shrivastava, U. *see* Games, E. 1437
Shrivastva, Y., Sathiakumar, S., Hui, S.Y.R. Random discrete PWM method for DC-DC power converters 9358
Shriwastava, M., Singh, V.R. Tumour ablation with focussed ultrasound 8129
Shroff, A.M. *see* Dieumegard, D. 53928
Shroff, D. *see* Zipp, J. 28937
Shroff, N. *see* Salama, P. 57094
Shroff, N.B. *see* Allebach, J.P. 52032
Shrout, T. *see* Meyer, R., Jr. 2930
Shrout, T.R. *see* Hackenberger, W.S. 60111
Shtaerman, I. *see* McClelland, T. 27822
Shtaif, M., Eisenstein, G. Improved bit-error-rate performance in frequency conversion of high-bit-rate data based on cross gain compression in semiconductor optical amplifiers 3833
Shtaif, M., Eisenstein, G. Noise properties of nonlinear semiconductor optical amplifiers 14155
Shtaif, M., Eisenstein, G. Analysis of bit error rate performance signal processing schemes exploiting semiconductor optical amplifiers 55627
Shtefan, Yu.P. *see* Buinovskii, A.S. 3240
Shtefan, Yu.P. *see* Buinovskii, A.S. 3241
Shtefan, Yu.P. *see* Buinovskii, A.S. 3242
Shteinshleiger, V., Dzenkevich, A., Misezhnikov, G., Mel'nikov, L. On the possibility of designing a high-resolution space-borne VHF-band SAR for remote sensing of the Earth 27025
Shteinshleiger, V.B., Misezhnikov, G.S. Super high resolution object images obtained by 8-mm radar 27026
Shtengel, G.E. *see* Hybertsen, M.S. 33485
Shtengel, G.E. *see* Morton, P.A. 36126
Shternbartz, V. *see* Pinhasi, Y. 33580
Shtessel, Y., Tournes, C. Nonminimum phase output tracking in dynamic sliding manifolds with application to aircraft control 50284
Shtessel, Y.B., Raznopolov, O.A., Ozerov, L.A. Sliding mode control of multiple modular DC-to-DC power converters 9342
Shtolz, A.K. *see* Yermakov, A.Y. 52831
Shtrapenin, G.D. *see* Neifel'd, E.A. 54060
Shtrapenin, G.L. *see* Neifeld, E.A. 22229
Shtrikman, H. *see* Buks, E. 12387
Shtrikman, H. *see* Fung, A.K. 32438
Shtrikman, H. *see* Hanein, Y. 42058
Shtrikman, H. *see* Messica, A. 42211
Shtrikman, H. *see* Schuster, R. 32007
Shtrikman, H. *see* Soibel, A. 12845
Shtrikman, H. *see* Soibel, A. 42214
Shtrikman, S. *see* Matzner, H. 32858
Shtrikman, S. *see* Yun Zhang 43696
Shtrobel, V.A. *see* Gerikh, V.P. 8736
Shtrom, V., Fan, H. Blind equalization: a new convex cost function 16021
Shtromberg, Yu.Yu. Inspection of metal at thermal power stations 38599
Shturlin, A. *see* Grigorian, V. 18742
Shtutina, S. *see* Koltun, M. 39046
Shu, C. *see* Chan, P.T. 36586
Shu, C. *see* Dong, Y.C. 34139
Shu, C. *see* Lee, Y.C. 55697
Shu, C. *see* Wang, D.N. 44832
Shu, C.Y. *see* Chen, F.Y. 7333
Shu, E. *see* Kubota, T. 39439
Shu, H. *see* Qiu, L. 50343
Shu, N., Kumar, A., Alam, M.R., Chan, H.L., You, Q. Study of dielectric properties of laser processed $BaTiO_3$ thin films on Si(100) with TiN buffer layer 43495
Shu, N. *see* Alam, M.R. 40628
Shu, P. *see* Babu, S.R. 49872
Shu, P. *see* Kurczynski, P. 59369
Shu, P. *see* Stahle, C.M. 37354
Shu, P.K. *see* Huang, Z.C. 7364
Shu, P.K. *see* Huang, Z.C. 54313
Shu, Q., Ni, H., Rand, S.C. Nonlinear dispersion of avalanche upconversion 24255
Shu, Q.S., Junquera, T., Caruette, A., Deppe, G., Fouaidy, M., Moeller, W.-D., Pekeler, M., Proch, D., Renken, D., Stolzenburg, C. A novel rotating temperature and radiation mapping system in superfluid He and its successful diagnostics 49022
Shu Fun Luk *see* Le Nguyen Binh 6714
Shu Huang *see* Huang Shu
Shu Ker-Li *see* Ker-Li Shu
Shu LihChyun *see* LihChyun Shu
Shu Lin *see* Do Jun Rhee 34518
Shu Lin *see* Fossorier, M.P.C. 24669
Shu Lin *see* Fossorier, M.P.C. 56331
Shu Lin *see* Moorthy, H.T. 56332
Shu Lin *see* Rajpal, S. 34552
Shu Qin, Bernstein, J.D., Chung Chan Hydrogen etching effects during plasma doping processes and impact on shallow junction formation 12668
Shu Qin, Bernstein, J.D., Yuanzhong Zhou, Wei Liu, Chung Chan, Tsu-Jae King Short-time hydrogen passivation of poly-Si CMOS thin film transistors by high dose rate plasma ion implantation 12669
Shu Qingming, Chen Hongyi, Ding Xiaoqing A low-latency area-saving pipeline architecture for block matching motion estimation algorithms 15655
Shu Qiumei *see* Peng Xiaolang 50620
Shu Quan-Sheng *see* Quan-Sheng Shu
Shu Renben *see* Renben Shu
Shu Shengyong *see* Yang Bingfan 49044
Shu Tzi-Hsiung *see* Tzi-Hsiung Shu
Shu Wei *see* Wei Shu
Shu Xiaojian Gain in non-steady state waveguide free electron lasers by taking into account energy spread 33588
Shu Xiaojian *see* Xiaojian Shu
Shu Yongze *see* Zhang Ming 33953
Shu-Ang Zhou Modelling of anisotropic superconducting waveguide as equivalent transmission line 24533
Shu-Ang Zhou Analysis of inductance of anisotropic superconducting strip waveguide at extremely high frequency 32963
Shu-Chi Chao *see* Hong-Ming Yang 36539
Shu-Chuen Lin *see* Hsiu-Wen Chen 7902
Shu-Chueng Chen *see* Chen Shu-Chueng
Shu-Hong Wang Program of the Beijing TcF feasibility study 17883
Shu-Huai Wen *see* Wen Shu-Huai
Shu-Hui Deng Calculating short-pulsed transient scattered fields from 3-D cavities by CSPBE and CEM 34175
Shu-Kwan Cheng, R. Coded CDMA systems with and without MMSE multiuser equalizer 47536
Shu-Ming Yeh *see* Sheau-Shong Bor 41442
Shu-Tai Chunyu *see* Chunyu Shu-Tai
Shu-Wen Li *see* Li Shu-Wen
Shu-Yuen Hwang *see* Jui-Chi Hsu 56703
Shu-Yuen Hwang *see* Ting Kuo 471
Shu-Zhi Yin *see* Yin Shu-Zhi
Shuai Junqing *see* Zhu Anli 60962
Shuai Yuan *see* Gubo Li 2352
Shuang Chen, Freeman, H. Characteristic-view modeling of curved-surface solids 15666
Shuang Chen *see* Chen Shuang
Shuang Deng Empirical model of WWW document arrivals at access link 6186
Shuangqing Yuan *see* Yuan Shuangqing
Shuangxi Zhou *see* Zhou Shuangxi
Shuanyi Du *see* Du Shuanyi
Shubao Pei *see* Pei Shubao
Shubert, S.K. *see* Spyridakis, J.H. 39958
Shubin, M.A. *see* Aulchenko, V.M. 37247
Shubin, V. *see* Shushakov, D. 3605
Shubin, V.E. *see* Vinogrdov, S.L. 17498
Shubin, V.V. *see* Koroteev, N.I. 43902
Shubing, Z. *see* Yaolan, F. 22476
Shubinsky, I.B. *see* Utkin, L.V. 39941
Shubitidze, P. *see* Jobava, R. 24349
Shubitidze, Ph.F. *see* Bogdanov, F.G. 45013
Shubitidze, P.I. *see* Jobava, R.G. 45079
Shubnikov, M.L. *see* Laiho, R. 22228
Shubo Zhan *see* Zhan Shubo
Shubochkin, R.L. *see* Basiev, T.T. 23829
Shuchan Chen *see* Fei Luo 58822
Shuchao Wu *see* Wu Shuchao
Shuchman, R.A. *see* Wackerman, C.C. 18844
Shuchun Du *see* Du Shuchun
Shudan Zhang *see* Zhang Shudan
Shudong Wu *see* Guowen Lu 35112
Shuenn-Yuh Lee *see* Tai-Haur Kuo 41363
Shufang He *see* Yujing Huo 3779
Shufei Jiang *see* Ming Fang 19284
Shufen Ma *see* Ma Shufen
Shuford, R.J. *see* Wenger, M.P. 43497
Shuford, R.J. *see* Wenger, M.P. 43500
Shugar, D.S., Hickman, T., Eckert, P., Lepley, T. Commercialization of a value-engineered photovoltaic tracking system 51595
Shugar, D.S. *see* Maish, A.B. 38651
Shuguang Chen *see* Ando, M. 34306
Shugurov, R. *see* Knishevskaya, L. 14665
Shugurov, V. *see* Burneika, I. 45304
Shugurov, V. *see* Kalesinskas, V. 24444
Shuh, D.K. *see* Nelson, A.J. 42045
Shuh, D.K. *see* Simpson, W.C. 54401
Shuh P. Lin Bao *see* Bao Shuh P. Lin
Shuhua Fan *see* Fan Shuhua
Shuhua Ma *see* Ma Shuhua
Shuhua Wang *see* Wang Shuhua
Shuhua Yang *see* Yang Shuhua
Shuhua Ye *see* Ye Shuhua
Shuhui Deng *see* Deng Shuhui
Shui Xiaoping *see* Xiaoping Shui
Shui-Li Chen *see* Chen Shui-Li
Shui-Ping Luo, Zheng-Fan Li Extraction of the capacitance matrix of multiconductor interconnection lines for high-speed IC system design 2446
Shui-Sheng Jian *see* Jian Shui-Sheng
Shui-Sheng Jiang *see* Jiang Shui-Sheng
Shui-Sheng Qiu *see* Qiu Shui-Sheng
Shuibao Han *see* Han Shuibao
Shuih-Jong Yih *see* Molin Chang 21634
Shuisheng, J. *see* Yi, Y. 29822
Shuisheng Jian *see* Jian Shuisheng
Shuit Tong Lee *see* Ka Wai Wong 2299
Shujian Zhang, Miller, D.M., Muzio, J.C. Notes on "Complexity of the lookup-table minimization problem for FPGA technology mapping" 21631
Shujiang Li, Xianwen Gao, Tianyou Chai The application of compound fuzzy control in the power-saving of motor 38704
Shujie Lin, Tanaka, Y., Suzuki, T. Intense picosecond mid-infrared pulses generated by optical parametric amplification 24130
Shujun Wang *see* Wang Shujun
Shujun Zhang, Bir Bhanu Automatic model construction for object recognition using ISAR images 15532
Shujun Zhang *see* Zhang Shujun
Shuk, P., Greenblatt, M., Ramanujachary, K.V. Sodium ion sensitive electrode based on a molybdenum oxide bronze 48478
Shuk, P., Ramanujachary, K.V., Greenblatt, M. New metal-oxide-type pH sensors 27534
Shuk, P. *see* Greenblatt, M. 27527
Shuk, P. *see* Moebius, H.H. 48991
Shuke, K., Yoshida, T., Ishihara, T., Kanazawa, A., Shibutani, M. Development of 1 GHz almighty fiber optic transmitter using 550 MHz LD for CATV system 17076
Shuker, R. *see* Koganov, G.A. 55482
Shukla, A., Pecht, M., Jordan, J., Rogers, K., Jennings, D. Hollow fibres in PCB, MCM-L and PBGA laminates may induce reliability degradation 52240
Shukla, A. *see* Rafanelli, A.J. 1822
Shukla, A. *see* Singh, R.P. 27602
Shukla, A. *see* Zadgaonkar, A.S. 4590
Shukla, A.A., Dishongh, T.J., Pecht, M., Jennings, D. Hollow fibers in woven laminates [packaging reliability] 30270
Shukla, A.K. *see* Kumar, V.G. 38955
Shukla, A.K. *see* Munichandraiah, N. 29550
Shukla, J. *see* Brock, I.C. 37039
Shukla, J.P. *see* Tripathi, R.K. 27982
Shukla, K. *see* Becker, F.E. 51615

Shukla, M., Rai, V.N., Pant, H.C. A simple and compact high-voltage switch mode power supply for streak cameras 17478
Shukla, N. *see* Patrikarakos, D.G. 40349
Shukla, P.K., Choudhury, P.K., Khastgir, P., Ojha, S.P. Flow of power in a dielectric guide with transverse circular deformation 4320
Shukla, P.K., Choudhury, P.K., Rai, G., Jagdish, Kala, P., Ojha, S.P. On the characteristics of polarization-maintaining fibers with the beat-length measurement technique 23483
Shukla, P.K. *see* Bhatnagar, R. 3922
Shukla, P.K. *see* Choudhury, P.K. 33101
Shukla, P.K. *see* Dixit, S.K. 23763
Shukla, R. *see* Kar, J. 203
Shukla, R.K. *see* Kumar, P. 31481
Shukla, S.R. Unequal space charge region widths and deviation of avalanche region centre in symmetrical pulsed double-drift IMPATT diode 11704
Shukla, S.R. Space charge induced variation in silicon double drift IMPATT diode parameters 53602
Shukri, Z.A., Champness, C.H. Identification of oxygen in the copper as the source of adhesion in Bridgman-grown $CuInSe_2$ crystals 10649
Shukui Zhang *see* Zhang Shukui
Shukun Duan *see* Duan Shukun
Shukuya, M. *see* Saito, M. 52188
Shul, J. *see* Zolper, J.C. 32452
Shul, R.J., Ashby, C.I.H., Rieger, D.J., Howard, A.J., Pearton, S.J., Abernathy, C.R., Vartuli, C.B., Barnes, P.A., Davis, P. Plasma chemistry dependent ECR etching of GaN 12783
Shul, R.J., Baca, A.G., Rieger, D.J., Hou, H., Pearton, S.J., Ren, F. ECR etching of GaP, GaAs, InP, and InGaAs in Cl_2-Ar, Cl_2-N_2, BCl_3-Ar, and BCl_3-N_2 22588
Shul, R.J., Howard, A.J., Pearton, S.J., Abernathy, C.R., Vartuli, C.B. High-density etching of group III nitride ternary films 2400
Shul, R.J. *see* Abernathy, C.R. 12672
Shul, R.J. *see* Baca, A.G. 22885
Shul, R.J. *see* Barnes, P.A. 12540
Shul, R.J. *see* Constantine, C. 22593
Shul, R.J. *see* Lee, J.W. 23942
Shul, R.J. *see* Parmeter, J.E. 22563
Shul, R.J. *see* Pearton, S.J. 12780
Shul, R.J. *see* Pearton, S.J. 22262
Shul, R.J. *see* Pearton, S.J. 22591
Shul, R.J. *see* Pearton, S.J. 32221
Shul, R.J. *see* Vartuli, C.B. 12712
Shul, R.J. *see* Vartuli, C.B. 12764
Shul, R.J. *see* Vartuli, C.B. 22429
Shul, R.J. *see* Vartuli, C.B. 22445
Shul, R.J. *see* Vartuli, C.B. 42576
Shul, R.J. *see* Vartuli, C.B. 54244
Shul, R.J. *see* Zavada, J.M. 33578
Shul, R.J. *see* Zolper, J.C. 54354
Shul, R.J., Pearton, S.J., Ren, F., Wu, C.-S. *(editors)* Compound Semiconductor Electronics and Photonics. Symposium 9839
Shul Yong Gun *see* Yong Gun Shul
Shulakov, A.S. *see* Lees, J.E. 37535
Shulekin, A.F. *see* Belov, S.V. 12889
Shulekin, A.F. *see* Grekhov, I.V. 42338
Shuler, J. Digital video and transport connectivity options: creating infrastructure for new services 7090
Shul'ga, A.A. *see* Cammann, K. 27965
Shulga, S.N. *see* Bagatskaya, O.V. 45009
Shulgin, B.V. *see* Anishchenko, V.S. 21465
Shuliang Che *see* Che Shuliang
Shulin Gu, Ronghua Wang, Rong Zhang, Youdou Zheng Simulation model to very low pressure chemical vapor deposition of SiGe alloy 10851
Shulin Gu *see* Gu Shulin
Shul'man, A. *see* Tarasov, M. 32929
Shul'man, A.Ya. *see* Ganichev, S.D. 12532
Shulman, D. Synchronous SRAM for digital signal processing applications 41180
Shulman, G. *see* Green, L.H. 29125
Shulman, P. Intelligent I/O architecture enables faster, more flexible systems 35708
Shulman, Z.P., Nosov, V. Rotation of the axisymmetric dielectric bodies (DEB) in electrorheological suspensions (ERS) 969
Shulong Liu *see* Liu Shulong
Shultis, J.K., Pahwa, A., Hapka, A.R., Chronister, I.G. Two methods for assessing local control of residential air conditioners from load survey data 60278
Shultz, J.L., Salamo, G.J. Experimental observation of the continuous pulse-train soliton solution to the Maxwell-Bloch equations 24256
Shultz, K. *see* Pixley, C. 36430
Shum, H.-Y. *see* Szeliski, R. 15954
Shum, K., Zeng, L., Dai, N., Tamargo, M.C. Observation of quantum carrier confinement near $Zn_{0.61}Cd_{0.39}Se$/InP heterointerface 12363
Shum, K.E., Ashley, C.R. A new full shunt switching unit for solar array using coupled-inductor boost converter 18686
Shum, P., Ghafouri-Shiraz, H. Analysis of bit error rate in an optical soliton communication system 14319
Shum, P. *see* Ghafouri-Shiraz, H. 21470
Shum, P. *see* Lee, M.C. 33047
Shum, P. *see* Yu, S.F. 14129
Shum Kam Hong *see* Kam Hong Shum
Shumaker, P.K., Ho, C.H., Smith, K.B. A new GPS quadrifilar helix antenna 36290
Shumaker, P.K. *see* Ho, C.H. 14711
Shumaker, P.K. *see* Ho, C.H. 36288
Shumakov, I.V., Murin, B.P., Bondarev, B.I., Durkin, A.P. Regotron as CW high-power RF source for ion linac 49191
Shumakov, I.V. *see* Batskikh, G.I. 7697
Shumakov, I.V. *see* Murin, B.P. 49190
Shuman, D. *see* Wieman, H. 59275
Shuman, L.J. *see* Besterfield-Sacre, M. 20473
Shuman Jin *see* Jin Shuman
Shumante, P.W. Broadband access networks–whatever happened to fiber-to-the-home? 36156
Shumarov, E.V. *see* Kashirin, Yu.V. 9064
Shumeiko, V.S. *see* Wendin, G. 32911
Shumeljuk, A. *see* Shcherbin, K. 14463
Shumelyuk, A. *see* Odoulov, S. 3311
Shumelyuk, A. *see* von Bally, G. 4156
Shumelyuk, A.N. *see* Odoulov, S.G. 4105
Shumelyuk, A.N. *see* Odoulov, S.G. 13531
Shumin Li *see* Li Shumin
Shumin Wang *see* Wang Shumin
Shuming Tong Wang *see* Chi-Yen Shen 3423
Shuming Tong Wang *see* Chi-Yen Shen 55265
Shuming Zhang *see* Zhang Shuming
Shumljansky, I.I. Measurements on curve-shaped horn antennae 24574
Shumov, D.P., Nikolov, V.S., Nihtianova, D.D., Macicek, J.J., Georgieva, J.K., Nenov, A.T. High-temperature solutions suitable for the growth of $NdAl_3(BO_3)_4$ crystals 43887
Shumshurov, A. *see* Bourgeois, M. 49273
Shumshurov, A. *see* Collier, J. 18076
Shumshurov, A. *see* Dubenkov, V. 18057
Shumshurov, A. *see* Haseroth, H. 49278
Shumshurov, A.V. *see* Mroz, W. 59182
Shumski, S. *see* Fedotov, A. 12190
Shumski, S. *see* Fedotov, A. 12198
Shumyatskii, P.S. *see* Domnin, Yu.S. 27203
Shumyatsky, I. *see* Pinsky, M.A. 19059
Shumyatsky, P.S. *see* Domnin, Y.S. 48337
Shun Meen Kuo *see* Schwartz, D.B. 23710
Shun Tung Yen, Chien-Ping Lee Theoretical analysis of 630-nm band GaInP-AlGaInP strained quantum-well lasers considering continuum states 33569
Shun Wu *see* Ruiping Wang 52148
Shun Yan Cheung, Ammar, M.H. Using destination set grouping to improve the performance of window-controlled multipoint connections 46799
Shun Yuan *see* Yuan Shun
Shun-An Liao *see* Liao Shun-An
Shun-Fa Cheng *see* Ming-Hwa Sheu 1502
Shun-Hsyung Chang, Chin-Chang Chang, Chuan-Liang Chang, Wen-Hsien Fang Spatial processing technique adaptive beamforming (SPTABF) via compactly supported orthonormal wavelets 25210
Shun-Hsyung Chang *see* Hsien-Sen Hung 25196
Shun-Hsyung Chang *see* Yi Chu 25148
Shun-Ji, H. *see* Linjie, L. 16947
Shun-Ji, H. *see* Linjie, L. 36225
Shun-Lien Chuang *see* Minch, J. 55681
Shun-Lien Chuang *see* Sengers, A.T. 24191
Shun-Lung Chao *see* Abbott, J. 196
Shun-Pen Cheng, Chen, J.J.-G., Trivedi, A., Liu, P. A framework of an intelligent real-time decision support system for process control in electronics assembly 41648
Shun-Tung Yen, Gray Lin, Der-Cherng Liu, Chia-Ming Tsai, Chien-Ping Lee 980 nm InGaAs/AlGaAs quantum well lasers with extremely low beam divergence 44567
Shun-Tung Yen *see* Gray Lin 14144
Shunailov, S.A. *see* Yalandin, M.I. 24371
Shunailov, S.A. *see* Yalandin, M.I. 27997
Shung, C.B. *see* Chen, M.-J. 16584
Shung, C.B. *see* Hsien-Ho Chuang 1227
Shung, C.B. *see* Lin, Y.-S. 16501
Shung, C.B. *see* Wei-Chang Tsai 52964
Shung, K.K., Zippuro, M. Ultrasonic transducers and arrays 18260
Shung, K.K. *see* Shih-Jeh Wu 28192
Shung-Wu Lee *see* Jian-Ming Jin 24590
Shungeng Hu The operations and applications of fuzzy sets of type O 52472
Shungurov, D.V. *see* Pavlov, D.A. 54013
Shunichi Kobayashi *see* Kobayashi Shunichi
Shunji, H. *see* Yongjian, Y. 36215
Shunji, H. *see* Zhiqin, Z. 27031
Shunji Huang *see* Guoqing Liu 8303
Shunji Huang *see* Huang Shunji
Shunlin Liang Multiple scattering approximations and coherent backscattering theory for soil bidirectional reflectance 8316
Shunling Ruan *see* Ruan Shunling
Shunping Xiao, Xuesong Wang, Zhaowen Zhuang, Huamin Tao, Yonghu Zeng Target recognition based on multi-dimensional polarization feature space 6926
Shunping Xiao, Xuesong Wang, Zhaowen Zhuang, Huamin Tao, Yonghu Zeng Aircraft target recognition based on polarization invariable 8647
Shunping Xiao *see* Xuesong Wang 6927
Shunping Xiao *see* Xuesong Wang 8648
Shunshi Zhong *see* Gang Liu 14714
Shunshi Zhong *see* Zhong Shunshi
Shunxiang Cao *see* Cao Shunxiang
Shunxiang Shi *see* Shi Shunxiang
Shunyou Qin *see* Qin Shunyou
Shuo Di, Wei Min Zheng Reduced communication protocol for clusters 35517
Shuo Wei Zeng Discussion on maintenance strategy, policy and corresponding maintenance systems in manufacturing 39687
Shuo-Xing Dou *see* Dou Shuo-Xing
Shuo-Yuan Hsiao *see* Chung-Yu Wu 1730
Shuo-Yuan Hsiao *see* Chung-Yu Wu 21970
Shuomei Liu *see* Liu Shuomei
Shuoqi Chen, Vahldieck, R., Jifu Huang Rigorous analysis of mode propagation and field scattering in silicon-based coplanar MIS slow wave structures with abrupt transitions to transmission lines on normal substrate 21863
Shuoqi Chen, Vahldieck, R., Jifu Huang Field theory analysis of electromagnetic field scattering at coplanar waveguide MIS discontinuities 31466
Shupe, M. *see* Ferguson, M.I. 37283
Shupe, M.A. *see* Allison, W.W.M. 37269
Shuping Zhang *see* Zhang Shuping
Shuqi Tang *see* Tang Shuqi
Shuqing Zhao *see* Zhao Shuqing
Shuquan Guo *see* Guo Shuquan
Shuquan Zhao *see* Zhao Shuquan
Shuquan Zhou *see* Zhou Shuquan
Shuqun Shen, Ben Wang, Huafun Zheng, Rong Fan, Yuchao Shen Research on the design of holographic scanning disc for bar code recognition 44816
Shuqun Zhang, Caisheng Chen Image morphological operations and edge detection using optical programmable logic neural networks 3507
Shur, M. *see* Tsai, R. 13834
Shur, M.S., Khan, M.A. GaN/AlGaN heterostructure devices: photodetectors and field-effect transistors 58743
Shur, M.S. *see* Burm, J. 41443
Shur, M.S. *see* Bykhovski, A.D. 2024
Shur, M.S. *see* Chen, Q. 41469
Shur, M.S. *see* Jacunski, M.D. 12953
Shur, M.S. *see* Khan, M.A. 13026
Shur, M.S. *see* Khan, M.A. 13902
Shur, M.S. *see* Khan, M.A. 31509
Shur, M.S. *see* Khan, M.A. 43137
Shur, M.S. *see* Knap, W. 54169
Shur, M.S. *see* Weikle, R., II 7263
Shur, M.S. *see* Ytterdal, T. 43123
Shuren Yang *see* Yang Shuren
Shurikhin, V.I., Fainzilberg, L.S., Potapova, T.P. Computer tools system SIDIGRAPH for synthesis of information technologies for signal processing 48496
Shurmer, I. *see* Marchal, N. 7006
Shurmer, M. *see* David, P.A. 26004
Shurn, T. *see* Harris, G.L. 26214
Shurong Lai *see* Lai Shurong
Shurong Li *see* Li Shurong
Shurter, R.P. *see* Burns, M.J. 49216
Shurtleff, J.K. *see* Phillips, J.D. 30690
Shurygin, A.M. Regression: choice of a regression function and efficiency and stability of estimators 10286
Shushakov, D., Shubin, V. New avalanche device with an ability of a few-photon light pulse detection in analog mode 3605
Shusharo, A.I. *see* Baru, S.E. 37227
Shushkevich, G.Ch. Electrostatic field of thin unclosed spherical and spheroidal shells 55965
Shushtarian, S.M. Early diagnosis of choloroquine toxicity on human visual system using electrooculogram (EOG) 8060
Shusterman, E., Feder, M. Image compression via quadtree decomposition of wavelets 5557
Shusterman, E., Feder, M. Analysis of 1/f processes 34931
Shusterman, Yu.V. *see* Sokolov, N.S. 12571
Shustorovich, A., Thrasher, C.W. Kodak Imagelink™ OCR alphanumeric handprint module 57046
Shustov, M.A. *see* Ermolaev, V.A. 21408
Shusun Dai *see* Dai Shusun
Shute, H.A., Wilton, D.T., Mapps, D.J. Approximate spectral response functions for single pole heads 3209
Shute, H.A., Wilton, D.T., Mapps, D.J. A theoretical analysis of shielded magnetoresistive heads by conformal mapping 32857
Shutian Liu *see* Sheng Zhong 25303
Shutian Liu *see* Sheng Zhong 56839
Shutian Liu *see* Yanqiu Li 23436
Shutian Liu *see* Yanqiu Li 44773
Shutian Liu *see* Liu Shutian
Shutie, P.F., Aicher, U. Microstrip antenna development at DASA Dornier 14762
Shuting Yang *see* Yang Shuting
Shuto, K. *see* Yanagisawa, M. 58329
Shuto, S., Yamada, S., Aritome, S., Watanabe, T., Hashimito, K. Read disturb degradation mechanism for source erase flash memories 1365
Shuto, Y., Watanabe, T., Tomaru, S., Yokohama, I., Hikita, M., Amano, M. Quasi-phase-matched second-harmonic generation in diazo-dye-substituted polymer channel waveguides 33721
Shutoh, K. *see* Watanabe, M. 38381
Shutov, M.V. *see* Kosarev, A.I. 30918
Shutov, S. *see* Iovu, M. 42004
Shutov, S.D., Vasiliev, I.A. Transient photocapacitance spectroscopy of Al-As_2Se_3 junction 42276
Shutov, S.V. *see* Lubyanaya, M.D. 30804

Shutov, S.V. *see* Samoilov, N.A. 22536
Shutov, V.B. *see* Ershov, V.P. 59167
Shutt, T., Akerib, D.S., Barnes, P.D. Jr., Bauer, D., Brink, P.L., Cabrera, B., Caldwell, D.O., Chugg, B., Clarke, R.M., DaSilva, A., Davies, A.K., Dougherty, B.L., Emes, J., Gaitskell, R.J., Golwala, S.R., Hale, D., Haller, E.E., Irwin, K.D., Knowlton, W.B., Kuzminov, V., Lu, A., Muno, M., Nam, S.W., Novikov, V., Penn, M.J., Ross, R.R., Sadoulet, B., Seitz, D., Smith, A., Smith, G., Sonnenschein, A., Stockwell, W., Taylor, J.D., Therrien, R., Trumbull, T.L., White, S., Yellin, S., Young, B.A. Progress of the Cryogenic Dark Matter Search (CDMS) experiment 37472
Shutt, T. *see* Gaitskell, R.J. 37468
Shutt, T. *see* Itoh, K.M. 1991
Shuttleworth, R. *see* Jiang, H. 19909
Shuttleworth, R. *see* Tian, X. 19795
Shuvaev, A.P., Oishi, R.T. Preoperational testing of data link-based air traffic management systems in Magadan, far East Russia 18753
Shuvalov, L.A. *see* Gridnev, S.A. 2927
Shuvalov, L.A. *see* Korotkov, L.N. 2928
Shuvalov, S.M. *see* Akimov, V.A. 28024
Shuvalov, V.V. *see* Kutuzov, V. 33618
Shuvalov, V.V. *see* Vysloukh, V.A. 4004
Shuwei Fan *see* Fan Shuwei
Shuwen Li *see* Li Shuwen
Shuwen Yang *see* Yang Shuwen
Shuxia Yan *see* Yan Shuxia
Shuxian Song *see* Song Shuxian
Shuxiang Guo, Nakamura, T., Fukuda, T., Oguro, K., Negoro, M. Micro active catheter using ICPF actuator–characteristic evaluation, electrical model and operability evaluation 49382
Shuxiang Li *see* Li Shuxiang
Shuxiong Chang *see* Chang Shuxiong
Shuyan Wang *see* Wang Shuyan
Shuyao Long *see* Long Shuyao
Shuyong Yu *see* Yu Shuyong
Shuyu Lin Study on the longitudinal-torsional composite mode exponential ultrasonic horns 8569
Shuyun Luo *see* Luo Shuyun
Shuyun Wu, Temesvary, V., Yu-Chong Tai, Miu, D.K. Silicon micromachined integrated suspension systems for magnetic disk drives 23360
Shuzhang Zhang, Tamir, T. Rigorous theory of grating-assisted couplers 23520
Shuzhen Duan *see* Hongyu Chen 29552
Shvarts, M.Z. *see* Andreev, V.M. 38014
Shvarts, M.Z. *see* Andreev, V.M. 38996
Shvarts, M.Z. *see* Grilikhes, V.A. 38015
Shvarts, M.Z. *see* Karlina, L.B. 39049
Shvartz, A.L., Shmukler, B.I., Sozaev, A.S., Glusker, B.N., Ginzburg, G.V. Technical re-equipment of the Berezovo district power station in Belarus 29113
Shvedov, O.V., Chuvilo, I.V., Kulikov, E.V., Vasiliev, V.V., Igumnov, M., Kozodaev, A.M., Volkov, E.B., Lopatkin, A.V. ITEP subcritical neutron generator driven by charged particle accelerator 7762
Shvedov, V.N. *see* Manuilov, M.B. 41410
Shvets, I.V. *see* Durkan, C. 43660
Shvets, V. *see* Antropov, V. 49276
Shvets, V.A. *see* Ksvitashev, K.K. 30780
Shvetsov, G.A. Overview of some recent EML efforts within Russia 24391
Shvetsov, G.A., Mary, V.J., Anisimov, A.C., Stankevich, S.V., Solovov, A.V., Teslenko, T.S. Erosion of explosively compacted Mo/Cu electrodes in high-current arc discharges 31677
Shvetsov, G.A., Stankevich, S.V. Ultimate kinematic characteristics of armatures with orthotropic and anisotropic electroconductivity 24430
Shvetsov, V.S. *see* Dolbilov, G.V. 37044
Shvetzov-Shilovsky, I.N., Belyakov, V.V., Cherepko, S.V., Chumakov, A.I., Emelyanov, V.V., Pershenkov, V.S., Popov, M.Y., Zebrev, G.I. The use of conversion model for CMOS IC prediction in space environments 22997
Shvidkij, S.V. *see* Zielczynski, M. 18574
Shwab, A., Fuks, Kh., Kistenmaher, P. Comments on the vector potential A and the Lorentz gauge [EM field theory] 24323
Shwartz, B.A. *see* Aulchenko, V.M. 37214
Shwartz, B.A. *see* Aulchenko, V.M. 37247
Shwartz, B.A. *see* Aulchenko, V.M. 37250
Shwedyk, E. *see* Kong, H. 45521
Shwedyk, E. *see* Tang, W. 45523
Shwehdi, M.H., Al-Rawi, A. Contribution of polymers to classical primary insulation of distribution system 8941
Shwehdi, M.H., Jacobsen, C. A microprocessor-based digital wattmeter system design 28959
Shwehdi, M.H., Khan, A.Z. An assessment method for consumer load management 8770
Shwehdi, M.H., Shahzad, F. A novel method for predicting critical flashover (CFO) voltages insulation strength of multiple dielectrics on distribution overhead lines 8891
Shwehdi, M.H., Shahzad, F. Estimation of lightning impulse insulation strength of two series dielectrics using the least square technique 43515
Shwehdi, M.H. *see* Khan, A.Z. 60670
Shy, P. *see* Youn, S. 41179
Shy, S.-L. *see* Loong, W.-A. 2463
Shy, S.L. *see* Yeong-Lin Lai 32267
Shy Jow-Tsong *see* Jow-Tsong Shy
Shyam, A., Sinha, A., Srinivasan, M. Development of a low level (nano-lux) position sensitive optical radiation detector and its application in conversion of a high bandwidth real time oscilloscope to fast transient digitiser 27572
Shyam, A. *see* Panchal, C.G. 52871
Shyam, G.B. *see* Flikkema, P.G. 20524
Shyam, V., Chandrasekharaiah, H.S., Lai, L.L. Real-time intelligent control for a multi-terminal direct current transmission system 50522
Shyamasundar, R.K. *see* Kazerouni, L. 53259
Shyamsundar, N., Gadh, R. Selective disassembly of virtual prototypes 20785
Shyang Roeng Sheen *see* Chien-Yu Huang 52838
Shye Lin Wu, Chun Yuan Chen, Ta Yow Lin, Chung Len Lee, Tan Fu Lei, Mong Song Liang Polyoxides grown on n^+ polysilicon 22551
Shyh Jye Famm-Jiang *see* Famm-Jiang Shyh Jye
Shyh-Horng Jou, Shang-Juh Kao An autonomous agent-based infrastructure for inter-LAN systems management 57733
Shyh-Jier Huang, Ching-Lien Huang Genetic-based multi-layered perceptrons for Taiwan Power system short term load forecasting 19252
Shyh-Jier Huang, Ching-Lien Huang Genetic-based multilayered perceptron for Taiwan power system short-term load forecasting 28849
Shyh-Jier Huang, Chuan-Chang Hung Genetic-based Kohonen's neural networks for power system static security assessment 19168
Shyh-Jier-Huang, Ching-Lien Huang Application of genetic-based neural networks to thermal unit commitment 60530
Shyh-Jong Chung, Ming-Yi Li, Kanamaluru, S., Kai Chang Meander-image-line-feed microstrip antenna array for frequency-swept beam steering 34427
Shyh-Jong Chung *see* Hao-Hui Chen 34144
Shyh-Jong Chung *see* Kanamaluru, S. 34479
Shyh-Jye Jou, Chang-Yu Chen, En-Chung Yang, Chau-Chin Su A pipelined multiplier-accumulator using a high-speed, low-power static and dynamic full adder design 21588
Shyh-Jye Jou, I-Yao Chung Low-power self-timed circuit design technique 21633
Shyh-Jye Jou *see* Chanchin Su 11127
Shyh-Jye Jou *see* Chauchin Su 40804
Shyh-Jye Jou *see* Chauchin Su 58629
Shyh-Kang Jeng *see* Hsiao-Chang Chu 33940
Shyh-Kang Jeng *see* Shin-Hon Chen 24475
Shyh-Kang Jeng *see* Shin-Hon Chen 34047
Shyh-Kang Jeng *see* Shiun-Chi Jan 34078
Shyh-Long Shyu *see* Lu-Ping Chao 40679
Shyh-Rong Lay *see* Chao-Hao Lee 5510
Shyh-Shen Hwang *see* Chauchin Su 58629
Shyh-Shyan Yang *see* Shou-Shing Hsieh 27972
Shyi-Wen Wang, Tsai-Hsiang Chen Optimal operation scheme for small cogeneration systems upgraded from standby generators 60528
Shyi-Wen Wang *see* Tsai-Hsiang Chen 60380
Shynk, J.J., Keerthi, A.V., Mathur, A. Analysis of cochannel signal recovery for the multistage constant modulus array 34895
Shynk, J.J. *see* Keerthi, A.V. 25828
Shynk, J.J. *see* Mathur, A. 4821
Shynk, J.J. *see* Mathur, A. 6667
Shynk, J.J. *see* Mathur, A. 25003
Shynk, J.J. *see* Mathur, A. 45954
Shyu, J.-J., Pei, S.-C., Lin, Y.-C. Finite-wordlength design of 2-D FIR digital filters for sampling structure conversion 41332
Shyu, J.-J. *see* Pei, S.-C. 21804
Shyu Haw-Jye *see* Haw-Jye Shyu
Shyu Jian-Ming *see* Jian-Ming Shyu
Shyu Jiann-Shing *see* Jiann-Shing Shyu
Shyu Jong-Jy *see* Jong-Jy Shyu
Shyu Kuo-Kai *see* Kuo-Kai Shyu
Shyu Ruey-Ching *see* Ruey-Ching Shyu
Shyu Shaw-Cherng *see* Shaw-Cherng Shyu
Shyu Shyh-Long *see* Shyh-Long Shyu
Shyue-Ching Lu *see* Mu-Piao Shih 58208
Shyue-Kung Lu, Cheng-Wen Wu, Ruei-Zong Hwang Cell delay fault testing for iterative logic arrays 31229
Shyur Tzu-Sheng *see* Wu Ching-Mo 60478
Shyy, J.G. *see* Hsiung, G.Y. 17962
Si, A., Leong, H.V. Query processing and optimization for broadcast database 16331
Si, A. *see* Chow, C.L. 25782
Si Ahmed, A. *see* Moya-Gontier, E.G. 32627
Si Chengcai *see* Zhou Jie 12280
Si Dang Le *see* Le Si Dang
Si Deyi *see* Guan Dexin 28527
Si Houzhi *see* Lai Weiquan 49281
Si Hyung Cho *see* Merritt, S.A. 55711
Si Jinhai *see* Jinhai Si
Si Weimin *see* Weimin Si
Si-Chen Lee *see* Biing-Der Liu 48546
Si-Chen Lee *see* Kang-Cheng Lin 17508
Si-Chen Lee *see* Ray-Ming Lin 27586
Si-Doek Oh, Hyo-Sun Pang, Si-Moon Kim, Ho-Young Kwak Energy analysis for a gas turbine cogeneration system 29106
Si-Jian Lin *see* Konstantopoulos, T. 35493
Si-Jong Leem *see* Tae Geun Kim 33531
Si-Min Liu *see* Liu Si-Min
Si-Moon Kim *see* Si-Doek Oh 29106
Si-Woong Lee *see* Jae Gark Choi 56680
Si-Ze Yang *see* Xiangjun He 54516
Sia Yu *see* Wang, E.X. 12161
Siahmakoun, A. *see* Klose, G. 3943
Siala, M., Kaleh, G.K. Block and trellis codes for the binary (1–D) partial response channel with simple maximum likelihood decoders 14833
Siala, S. *see* Chevrel, P. 60800
Siala, S. *see* Machmoum, M. 50461
Siala, S. *see* Sicot, L. 60798
Siamak Khorram *see* Xiaolong Dai 8531
Siamchai, P., Konagai, M. The role of H_2 dilution in the deposition of a-Si:H films and its effect on the solar cell degradation 39139
Sian, S. *see* Simeonidou, D. 58092
Sian, S.S., Penticost, S.J., Long, C., Hazell, N. WDM branching unit with gain and spur multiplexing 58342
Sian, S.S., Webb, S.M., Guild, K.M. 16×2.5 Gbit/s WDM unrepeatered transmission over 427 km (402 km without forward error correction) 26825
Sian, S.S. *see* Guild, K.M. 6717
Siang Kok Sim, Ming Yeong Teo Enhancing flexibility of vision-based robots using an artificial neural network approach 46178
Sianglin Yang *see* Yang Sianglin
Siapkas, D.I. *see* Hatzopoulos, N. 31789
Sibata, C. *see* Andres, E. 35035
Sibata, C.H. *see* Young, S. 28428
Sibbett, W. *see* Gontijo, I. 14314
Sibbett, W. *see* McGowan, C. 24101
Sibbett, W. *see* McGowan, C. 24122
Sibbett, W. *see* Rahlff, C. 14338
Sibbett, W. *see* Reid, D.T. 14406
Sibbett, W. *see* Reid, D.T. 48967
Sibei Xiong *see* Aidong Li 43582
Sibigtroth, J. The way from 8-bit to 16-bit microcontrollers 21745
Sibilia, C. *see* Bertelotti, M. 44040
Sibilia, C. *see* Bertolotti, M. 14371
Sibilia, C. *see* Bertolotti, M. 17797
Sibilia, C. *see* Bertolotti, M. 17857
Sibilia, C. *see* Bertolotti, M. 21395
Sibilia, C. *see* Bertolotti, M. 48978
Sibilia, C. *see* Fazlo, E. 14382
Sibilia, C. *see* Maciulli, P. 43996
Sibilia, C. *see* Montenero, A. 831
Sibilio, S. *see* Bellia, L. 20213
Sibille, A., Roblin, C., Poncelet, G. Circular switched monopole arrays for beam steering wireless communications 45453
Sibille, A. *see* Dutisseuil, E. 2150
Sibille, F. *see* Cesarsky, C.J. 36548
Sibing, W. *see* Tong, S. 30990
Sibley, M.J.N. *see* Nicholls, P.J. 26152
Sibley, S.P. *see* Burrows, P.E. 7508
Sibley, S.P. *see* Burrows, P.E. 55464
Siblini, A., Blanc-Mignon, M.E., Nasri, R., Jorat, L., Noyel, G. Possibility of using a ferrofluid in its different phases 23338
Sibomana, M. *see* Defrise, M. 49502
Sibul, L.H. Array processing and generalized inverses 4873
Sibul, L.H., Babich, G.A., Chaiyasena, A.P. Reproducing properties of ambiguity functions and wavelet transforms 30428
Sibul, L.H., Weiss, L.G., Young, R.K. Weighted time-frequency and time-scale transforms in reproducing kernel Hilbert spaces 24991
Sibul, L.H. *see* Dixon, T.L. 25070
Sibul, L.H. *see* Dixon, T.L. 25319
Sica, M. *see* Feudale, F. 61361
Sicard, B. *see* Polyakov, A.S. 19502
Sicard, D. RAMSES airborne SAR development status and experiments 16911
Sicard, E., Galdin, S., Musalem, F.-X. Including particle device modelling in device tutorial 9878
Sicard, E. *see* Ferreira, A. 9906
Sicart, J. *see* Gougam, A.B. 42146
Sicart, J. *see* Robert, J.L. 22350
Siccardi, A. *see* Piattelli, M. 35534
Siccardi, M., De Marchi, A. A new design philosophy for high phase stability odd order frequency multipliers 11623
Siche, D., Hartmann, H. Source-material dependent growth limitations in unseeded dissociative sublimation of ZnSe 10620
Sichel, E.K. *see* Chunming Niu 41537
Sicheneder, J. *see* Eberst, C. 56819
Sicho, P. *see* Becks, K.H. 59228
Siciliano, P. *see* Micocci, G. 48735
Siciliano, P. *see* Rella, R. 36742
Siciliano, P. *see* Rella, R. 48714
Siciliano, P. *see* Rella, R. 58889
Sickle, G.A.Van *see* Van Sickle, G.A.
Siconolfi, D.J. *see* Comizzoli, R.B. 58090
Sicot, L., Siala, S., Bergmann, C. Current and voltage limitations in brushless DC motor vector control 60798
Sicot, L. *see* Chevrel, P. 60800
Sicre, E.E. *see* Granieri, S. 13793
Sicre, E.E. *see* Pomarico, J.A. 17794
Sicuranza, G.L. *see* Costantini, D.M. 57008
Siddagangappa, M.C., Mandal, D.K. Influence of electrode temperature on the characteristics of a non uniform field system with a barrier 13262
Siddall, M.B. *see* McKinnell, J.C. 55140
Siddapureddy, V. *see* Pao, Y.-H. 21002
Siddig, M.H. Design optimization of wind-powered piston pumps 9138
Siddigi, M.U. *see* Singh, B. 57487
Siddigi, M.U. *see* Singh, B. 57488
Siddiqi, K. *see* August, J. 5043

Siddiqi, K. *see* Kimia, B.B. 5466
Siddiqi, S.N. *see* Baughman, M.L. 50366
Siddiqi, S.N. *see* Baughman, M.L. 50367
Siddiqi, S.S., Twizell, E.H. Spline solutions of linear twelfth-order boundary-value problems 40145
Siddiqui, A.S. *see* Bhatti, M.A. 23508
Siddiqui, A.S. *see* Gunning, P. 26897
Siddiqui, K.A. *see* Vishvakarma, B.R. 4363
Siddiqui, K.J. Knowledge based system for speaker independent classification limited speech vocabulary 45710
Siddiqui, N., Jonscher, A.K. Open-circuit voltage decay of p-n junction diodes 42918
Siddiqui, S.A., Jain, S., Chauhan, R.K. Bayesian analysis of reliability and hazard rate function of a mixture model 52341
Siddons, P. *see* Peskin, A. 35121
Sidelnikov, G.L. *see* Balakirev, V.A. 56038
Sideman, S. *see* Lessick, J. 18300
Siden, P.G. Modelling tool for assessment of business opportunities 47404
Sideras, M.A. *see* Ziavras, S.G. 4965
Siders, C.W. *see* Rau, B. 55794
Sides, P.J. *see* Anoikina, T.V. 32852
Sidharth, Barker, D.B. Vibration induced fatigue life estimation of corner leads of peripheral leaded components 20951
Sidhu, C.K., Coyle, G. Delivering the promise of speech interfaces 57750
Sidhu, T.S., Bajpai, M., Darlington, A., Finley, D., Folkman, A.G., Kezunovic, M., Marsh, W., Sachdev, M.S., Stephens, J.E., Swanson, M.J., Venkata, S.S., Winston, P.B. Bibliography of relay literature, 1995. IEEE Committee Report 50627
Sidhu, T.S., Cruder, O., Huff, G.J. An abductive inference technique for fault diagnosis in electrical power transmission networks 38316
Sidhu, T.S., Sachdev, M.S. An iterative DSP technique for tracking power system frequency and voltage phasors 19418
Sidhu, T.S., Sachdev, M.S., Das, R. Modern relays: research and teaching using PCs 50632
Sidhu, T.S., Sachdev, M.S., Hfuda, M. Computer simulation of protective relay designs for evaluating their performance [in power systems] 19384
Sidhu, T.S. *see* Sachdev, M.S. 19920
Sidhwa, A. *see* Hashim, I. 42783
Sidi, A. Computation of infinite integrals involving Bessel functions of arbitrary order by the D-transformation 30625
Sidi, C. *see* Luce, H. 18855
Sidi, M. *see* Cidon, I. 46556
Sidiropolos, N. *see* Korn, F. 49372
Sidiropoulos, A. *see* Schneider, S. 16107
Sidiropoulos, N.D. Fast digital locally monotonic regression 34784
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. Structurally robust weak continuity 4663
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. The combinatorial basis of uniformly bounded discrete random set theory 30507
Sidiropoulos, S., Horowitz, M. A 700 Mbps/pin CMOS signalling interface using current integrating receivers 2823
Sidiropulos, M., Stopjakova, V., Manhaeve, H. Implementation of a BIC monitor in a new analog BIST structure 27419
Sidler, T., Leiglon, E., Bouvier, M. Miniaturized electrically steerable mirror holder fabricated with an integral cutting conception 14227
Sidles, J.A. *see* Dougherty, W.M. 27449
Sidman, R.D., Semel, J.S., Lagerlund, T.D., Ford, M.R. The effect of reference-electrode choice on the spatial resolution of topographical potential maps in the discrimination of deep cerebral sources 28374
Sidorenko, A.V., Kurilo, V.S. Experimental investigation of beam-forming fiber-optic systems 4400
Sidorenko, G.A. *see* Raspereza, A.V. 41805
Sidorenko, I.V. *see* Lazyuk, D.G. 49470
Sidorenko, V., Markarian, G., Honary, B. Minimal trellis design for linear codes based on the Shannon product 24712
Sidorenko, V.D. *see* Shcheglov, A.S. 60517
Sidorenko, V.I. *see* Makarov, A.S. 13839
Sidorenko, V.I. *see* Makarov, A.S. 13840
Sidorin, V.S. *see* Pashinin, P.P. 44404
Sidorkin, A.S., Darinskii, B.M. Electron emission from ferroelectric plate stimulated by switching 41772
Sidorov, A.I. Enhancement of a light-induced diffraction grating in a laser with a mirror on the basis of vanadium dioxide 14226
Sidorov, A.I. Formation of the reflectance in a controllable mirror based on vanadium dioxide with a thin-film heater 44147
Sidorov, A.I. Controlling the lasing of a CO_2 laser by means of VO_2 modulators 44331
Sidorov, V.A. *see* Alferov, D.F. 19891
Sidorov, V.A. *see* Alferov, D.F. 29460
Sidorov, V.A. *see* Aulchenko, V.M. 37214
Sidorov, Yu.G. *see* Ksvitashev, K.K. 30780
Sidorov, Yu.G. *see* Ovsyuk, V.N. 17374
Sidorov, Yu.G. *see* Ovsyuk, V.N. 17376
Sidorov, Yu.G. *see* Ovsyuk, V.N. 36562
Sidorov, Yu.G. *see* Susov, E.V. 33229
Sidorov, Yu.G. *see* Voitsekhovskii, A.V. 36563
Sidorov-Biryukov, D.A. *see* Akimov, D.A. 3337
Sidorov-Biryukov, D.A. *see* Akimov, D.A. 43903
Sidorov-Biryukov, D.A. *see* Zheltikov, A.M. 4057
Sidorovich, A. Real-time telemetry data interface to graphics workstation 6040
Sidou, D. *see* Eberhardt, R. 35607
Sidulenko, O.A. *see* Nedavnii, O.I. 58989
Sie, S.H., Niklaus, T.R., Suter, G.F. A microbeam negative ion source based on a modified HICONEX™ source 49293
Siebels, B. *see* Moftah, B.A. 59349
Siebenmorgen, R. *see* Cesarsky, C.J. 36548
Sieber, A. *see* Fung, A.K. 8505
Sieber, A. *see* Nardone, P. 24462
Sieber, A.J. *see* Faller, N.P. 8349
Sieber, A.J. *see* Fortuny, J. 16957
Sieber, B., Kittler, M., Miri, A., Laerz, J. A study of the interaction of electron beam generated excess charge-carriers with a Si/SiGe/Si heterostructure 31952
Sieber, B. *see* Boudjani, A. 31998
Sieber, I. *see* Henrion, W. 12319
Sieber, I. *see* Matthaus, A. 54128
Sieber, I. *see* Steimetz, E. 12443
Sieber, K. *see* Knecht, S. 1850
Sieber, T. *see* Bessler, U. 37102
Siebert, D. *see* Scotti, R.E. 44308
Siebert, E. *see* Gondran, C. 18472
Siebert, S. *see* Bartak, J. 9056
Siebert, S. *see* Beiersdorfer, S. 10398
Siedenburg, T. *see* Adam, A. 37280
Siedlewski, J. *see* Lukaszewicz, J.P. 36543
Siedling, R. *see* Adam, A. 37280
Siefke, A. *see* Umbach, A. 26839
Siefring, C.L. *see* Haas, D.G. 1433
Sieg, R.M., Sacks, R.N., Grillot, P.N., Ringer, S.A. Improved substrate temperature stability during molecular beam epitaxy growth using indium free mounting of small substrates of various shapes 10731
Siegbahn, K., Kholine, N., Golikov, G. A high resolution and large transmission electron spectrometer 37529
Siegel, A. *see* Rino, C.L. 50082
Siegel, A. *see* Stobie, J. 18818
Siegel, E. *see* Korn, F. 49372
Siegel, J., Solis, J., Afonso, C.N., Garcia, C. Bulk solidification and recalescence phenomena in amorphous Ge films upon picosecond pulsed laser irradiation 2069
Siegel, J. *see* Garcia, C. 12183
Siegel, J.M., Jr., Oshinski, J.N., Pettigrew, R.I., Ku, D.N. The accuracy of magnetic resonance phase velocity measurements in stenotic flow 8026
Siegel, M.W. *see* McVeigh, J.S. 5500
Siegel, P.H. *see* Ashley, J.J. 24703
Siegel, P.H. *see* Kim, M. 31497
Siegel, P.H. *see* Kim, M. 34300
Siegel, P.H. *see* Reddy, M. 53652
Siegel, W., Schulte, S., Kuhnel, G., Monecka, J. Hall mobility lowering in undoped n-type bulk GaAs due to cellular-structure related nonuniformities 41928
Siegel, W. *see* Kazukauskas, V. 41961
Siegle, H., Loa, I., Thurian, P., Eckey, L., Hoffmann, A., Broser, I., Thomsen, C. Comment on "Shallow donors in GaN studied by electronic Raman scattering in resonance with yellow luminescence transitions" [Appl. Phys. Lett. 69, 1276 (1996)] 31829
Siegler, K.U. Semi-automatic SMD (surface mounting) electronic components assembly system 1785
Sieglinger, B., Flynn, D.S., Coker, C.F. Hardware-in-the-loop simulation using direct signal injection 28515
Sieglinger, B. *see* Flynn, D.S. 28504
Siegman, A.E. Modes, beams, coherence and orthogonality 55260
Siegman, A.E. *see* Biellak, S.A. 23966
Siegman, A.E. *see* Cheng, Y.-J. 44400
Siegmund, G. From city network to service provider 57981
Siegrist, J. *see* DeWitt, J. 59243
Siegrist, J. *see* Sadrozinski, H.F.W. 37399
Siegrist, J. *see* Unno, Y. 37395
Siegrist, M.R. *see* Soumagne, G. 1933
Siegrist, T. *see* Hellman, E.S. 21251
Sieh, V. *see* Majzik, I. 1487
Sieh, V. *see* Tschache, O. 31068
Siejka, A.J. *see* Sen, S. 54358
Siemann, R. *see* Assmann, R. 49032
Siemann, R. *see* Breidenbach, M. 37151
Siemann, R.H. Linear colliders: the last ten years and the next ten years 59114
Siemek, G. Background tree representation of images 35202
Siemensmeyer, K. *see* Surkau, R. 37093
Sieminski, D. Recent advances in rechargeable zinc-air battery technology 61015
Siemion, E.V. *see* Ingle, J.D., Jr 48624
Siemroth, P., Schulke, T., Witke, T., Rackwitz, N. Investigation of cathode spots and plasma formation of vacuum arcs by high speed microscopy and spectroscopy 23202
Siemroth, P. *see* Juttner, B. 22147
Siemroth, P. *see* Wenzel, C. 42723
Siemsen, K.J., Siemsen, R.F., Decker, J.E., Marmet, L., Pekelsky, J.R. A multiple frequency heterodyne technique for the measurement of long gauges 48303
Siemsen, K.J. *see* Madej, A.A. 48310
Siemsen, K.J. *see* Marmet, L. 27342
Siemsen, K.J. *see* Whitford, B.G. 48805
Siemsen, R.F. *see* Siemsen, K.J. 48303
Sien Chi *see* Chir-Weei Chang 23788
Sien Deng Computable error bounds for convex inequality systems in reflexive Banach spaces 40133
Sienknecht, T. *see* Friedrich, R. 6074
Sienknecht, T. *see* Martinka, J. 5951
Sienski, K., Legako, M. Hardware efficient FIR filter structures from linear program design constraints 11588
Sienski, K. *see* Reeves, K. 41194
Siep, T. *see* Panasik, C. 47606
Siepel, K. *see* Thompson, A.G. 40329
Siepen, P. Simplified method of testing for convergence in fractal image coding schemes 15650
Siepmann, R. Enormous demand for relays in the automobile industry 39344
Sierakowski, M. *see* Swillo, M. 55270
Sierens, C., Haspeslagh, J., Botte, C., Krijntjes, K. A system study of alternative approaches for upstream transmission in ATM-based HFC systems 17081
Sierens, C. *see* Van de Voorde, I. 16763
Sierens, C. *see* Van Der Plas, G. 47426
Siergiej, R.R. *see* Agarwal, A.K. 42044
Siergiej, R.R. *see* Clarke, R.C. 1715
Sierota, A.B. *see* Badent, A. 23150
Sierra, G., Catrera, A., Martinez-Rubio, A., Fetsch, T., Reinhardt, L., Shenasa, H., Breithardt, G. The coherence spectrum in an experimental model of ventricular fibrillation 59730
Sierra, M. *see* Sagovia, D. 34422
Sierra, M.C. *see* Sierra, M.P. 56217
Sierra, M.P., Vera-Isasa, M., Garcia-Pino, A., Sierra, M.C. Analysis of slot antennas on a radial transmission line 56217
Sierra, T. *see* Walba, D.M. 44097
Sierzputowski, L. *see* Dwilinski, R. 10619
Sieskind, M. *see* Ponpon, J.P. 32184
Sieskind, M. *see* Ponpon, J.P. 37325
Sievers, R. *see* Schuller, M. 18732
Sievers, R.K. *see* Ivanenok, J.F., III 20065
Sievers, R.K. *see* Ivanenok, J.F., III 20092
Sievert, J., Ahlers, H., Birkfeld, M., Cornut, B., Fiorillo, F., Hempel, K.A., Kochmann, T., Kedous-Lebouc, A., Meydan, T., Moses, A., Rietto, A.M. European intercomparison of measurements of rotational power loss in electrical sheet steel 23324
Sievert, J., Ludwig, M. Teleteaching–based on the Multimedia Collaboration Service 26364
Sievert, J. *see* Ahlers, H. 27850
Sievert, J. *see* Enokizono, M. 9203
Sievert, J.D. *see* Kanada, T. 23384
Sievert, J.D. *see* Son, D. 23383
Siew, W.H., Howat, S.D., Chalmers, I.D. Radiated interference from a high voltage impulse generator 4298
Siew, W.H. *see* Barrack, C.S. 19422
Siewerdsen, J.H., Antonuk, L.E., El-Mohri, Y., Yorkston, J., Huang, W., Boudry, J.M., Cunningham, I.A. Empirical and theoretical investigation of the noise performance of indirect detection, active matrix flat-panel imagers (AMFPIs) for diagnostic radiology 28252
Siewerdsen, J.H. *see* Antonuk, L.E. 28253
Siewerdsen, J.H. *see* Antonuk, L.E. 59463
Siewierski, T. *see* Bonvini, B. 8803
Siewiorek, D. *see* Amon, C. 258
Siffert, P. *see* Hage-Ali, M. 37561
Siffert, P. *see* Khusainov, A. 37337
Siffert, P. *see* Prat, V. 37330
Siffert, P. *see* Ramunno, G. 37332
Sifford, C.H. *see* Vianco, P.T. 54911
Sifri, N. *see* Foster, C.C. 49269
Sigachev, I.P. *see* Domrachev, V.M. 7280
Sigachev, I.P. *see* Domrachev, V.M. 36506
Sigachev, I.P. *see* Domrachev, V.M. 48461
Sigachev, L.P. *see* Domrachev, V.M. 7282
Sigal, V. *see* Popsuev, E. 37866
Sigalas, M.M., Biswas, R., Ho, K.-M. Theoretical study of dipole antennas on photonic band-gap materials 14697
Sigang Qiu Gabor transform with undersampling 34953
Sigel, C. *see* Lorgere, I. 3327
Sigg, H. *see* Schneider, H. 48526
Sigg, J. *see* Ma, C.L. 42975
Sigg, J. *see* Ma, C.L. 53034
Siggelkow, S., Grigat, R.-R., Ibenthal, A. Segmentation of image sequences for object oriented coding 57275
Siggelkow, S. *see* Ibenthal, A. 15591
Sigismondi, S. *see* Coppo, P. 8381
Sigismondi, S. *see* Ferrazzoli, P. 28673
Sigiuk, H.I., Pardoe, B.H. DQDB networks with a fast global information scheme 46768
Sigler, F.E. *see* Wood, R.L. 49189
Sigliano, R.E., Lanzone, R. Multilayer ceramics: A revitalization 331
Sigmon, T.W. *see* Giust, G.K. 32110
Sigmon, T.W. *see* Smith, P.M. 22213
Sigmon, T.W. *see* Poker, D.B. *(editor)* 9815
Sigmond, S. *see* Lundgaard, L. 23122
Sigmund, G., Groothoff, B.M. Digital fluoroscopy–a workhorse in the standard range 49456
Sigmund, O. Design and manufacturing of material microstructures and micromechanisms 23027
Signell, S. *see* Harnefors, L. 1588
Signore, T. *see* Feighery, P. 59868

Signoret, J.-P. *see* Dutuit, Y. 39925
Signorini, C. *see* Bourgoin, J.C. 37987
Sigogne, D., Ougazzaden, A., Mersali, B., Landreau, J., Amra, C., Ramdane, A. 1.55 μm polarisation insensitive InGaAsP strained MQW optical amplifier with a high confinement factor 14157
Sigov, Yu.S. *see* Karas', V.I. 27995
Siguenza, C. *see* Badikov, V.V. 24178
Sigun'kov, S.A. *see* Voronkov, V.S. 17811
Sigurdsson, J. Geothermal development in Central and Eastern Europe: transfer of technology and financial resources 60569
Sigurjonsson, S. *see* Blaabjerg, F. 38847
Sigyo, H. *see* Hotta, Y. 240
Sih, H.J., Zipes, D.P., Berbari, E. Linear lesions alter organization of atrial fibrillation 37780
Sih, H.J. *see* Shors, S.M. 8063
Sih Jieh-Ping *see* Jieh-Ping Sih
Sihn, W., von Briel, R. Process cost calculation in a fractal company 52098
Sihvola, A., Olyslager, F. Eigenvector approach for solving nonisotropic mixing formulas 13208
Sihvola, A.H. On the dielectric problem of isotrophic sphere in anisotropic medium 44901
Sihvola, A.H., Lindell, I.V. Electrostatics of an anisotropic ellipsoid in an anisotropic environment 4190
Sihvola, A.H. *see* Lindell, I.V. 24512
Siimon, H. *see* Kukli, K. 52714
Siirtola, H. *see* Viitanen, J. 35016
Siirtola, J. *see* Mattila, P. 28691
Siirtola, T. *see* Sinkkonen, J. 39004
Siirtola, T. *see* Tuominen, E. 61096
Sijbers, J., Scheunders, P., Bonnet, N., Van Dyck, V., Raman, E. Quantification and improvement of the signal-to-noise ratio in a magnetic resonance image acquisition procedure 59411
Sijbers, J. *see* Bettens, E. 59374
Sijercic, Z. Eigenfilter design of IIR complex coefficient allpass filters 34871
Sijgers, B. *see* Mandal, K. 1007
Siji Guo *see* Guo Siji
Sijing Zhang, Burns, A. On the schedulability of synchronous message sets with the minimum message deadline less than 2·TTRT in an FDDI network 47199
Sijstermans, F. *see* Beemster, M. 41243
Sik Ahn Hyun *see* Hyun Sik Ahn
Sik Baek Young *see* Young Sik Baek
Sik Chung Won *see* Won Sik Chung
Sik Hong Dae *see* Dae Sik Hong
Sik Jeong Hong *see* Hong Sik Jeong
Sik Jo Min *see* Min Sik Jo
Sik Kim Dong *see* Dong Sik Kim
Sik Kim Hyun *see* Hyun Sik Kim
Sik Kim Jung *see* Jung Sik Kim
Sik Kim Young *see* Young Sik Kim
Sik Lee Juck *see* Juck Sik Lee
Sik Lee Nahm *see* Nahm Sik Lee
Sik Lee Yun *see* Yun Sik Lee
Sik Pak Pyong *see* Pyong Sik Pak
Sik Park Won *see* Won Sik Park
Sik Son Kyung *see* Kyung Sik Son
Sik Sun Young *see* Young Sik Sun
Sik Woo Won *see* Won Sik Woo
Sik Yoo Woo *see* Woo Sik Yoo
Sik Yoon Byung *see* Byung Sik Yoon
Sik Youn Young *see* Young Sik Youn
Sikau, J. *see* Juptner, W. 55953
Sikic, H. Wavelets: convergence almost everywhere 39984
Sikic, T. *see* Cosic, K. 31307
Sikina, C. *see* Otake, T. 17041
Sikina, T. *see* Schuss, J.J. 34462
Sikio, K. *see* Lukkarinen, S. 28097
Sikka, K.K., Fisher, T.S., Torrance, K.E., Lamb, C.R. Effects of wind tunnel orientation and mixed convection on heat transfer from a PQFP 255
Sikka, K.K. *see* Fisher, T.S. 264
Sikka, K.K. *see* Fisher, T.S. 30209
Sikola, T., Armour, D.G., Van den Berg, J.A. In situ study of processes taking place on silicon surface during its bombardment by CF_x/Ar ions: etching versus polymerization 12734
Sikora, A., Fielder, H.-L. Design automation of digital circuits for partially depleted SOI-technology 22968
Sikora, J.P. *see* Rogers, J.T. 49250
Sikora, L. *see* Dragan, Y. 45167
Sikora, T. Development of an MPEG-4 video standard: the MPEG-4 video verification model 5226
Sikora, T. The MPEG-4 video standard verification model 35179
Sikora, T. Optimal Wiener interpolation filters for multiresolution coding of images 56698
Sikora, T. *see* Bednarek, B. 28018
Sikora, T. *see* Kauff, P. 35191
Sikora, T.D. *see* Shirer, H.N. 50120
Sikorski, A. Current controller minimizing the switching number of the VS-PWM inverter devices for AC motor drive application 9623
Sikorski, A. *see* Citko, T. 19862
Sikorski, A. *see* Citko, T. 51337
Sikula, J.G. *see* Kulish, V.V. 33587
Sil Chon Byoung *see* Byoung Sil Chon
Silaev, A. *see* Nikulin, A. 55098
Silaev, A.M. *see* Vanzha, A.V. 45810
Silaev, V.I. *see* Aleshin, Y.D. 18124
Silaev, V.I. *see* Aleshin, Yu.D. 17381
Silagadze, Z.K. *see* Achasov, M.N. 37251
Silagadze, Z.K. *see* Anashin, V.V. 36549
Silagadze, Z.K. *see* Bozhenok, A.V. 37252
Silakov, V.P. *see* Matveyev, A.A. 16659
Silander, K. *see* Bouclier, R. 37262
Silanes, M.C.Lopez de *see* Lopez de Silanes, M.C.
Silari, M. *see* Agosteo, S. 37854
Silari, M. *see* Fasso, A. 37923
Silberberg, Y. *see* Barad, Y. 44831
Silberberg, Y. *see* Barad, Y. 55218
Silberberg, Y. *see* Goldstein, E.L. 26740
Silberberg, Y. *see* Horowitz, M. 32976
Silberman, G.L. *see* Maryak, J.L. 34826
Silberschatz, A. *see* Gabber, E. 46719
Silberschatz, A. *see* Ozden, B. 58554
Silbert, M. Using information management to integrate smart vehicle subsystems 49885
Sile Yu *see* Yu Sile
Silenas, A. *see* Asmontas, S. 58745
Silevitch, D. *see* Weedon, W.H. 6908
Silfsten, P., Parkkinen, S., Luostarinen, J., Khodonov, A., Jaaskelainen, T., Parkkinen, J. Color-sensitive biosensors for imaging 7433
Silfvast, W.T. *see* Klosner, M.A. 22143
Silfvenius, C., Stalnacke, B., Landgren, G. MOVPE growth of strain-compensated 1300 nm $In_{1-x}Ga_xAs_yP_{1-y}$ quantum well structures 40335
Silfvenius, C. *see* Frojdh, K. 12410
Sili Fang *see* Fang Sili
Siliang Wu *see* Wu Siliang
Silier, I., Gutjahr, A., Nagel, N., Hansson, P.O., Czech, E., Konuma, M., Bauser, E., Banhart, F., Koehler, R., Raidt, H., Jenichen, B. Solution growth of epitaxial semiconductor-on-insulator layers 10773
Silier, I., Konuma, M., Gutjahr, A., Bauser, E., Banhart, F., Zizler, C., Schollkopf, V., Frey, H. High-quality polycrystalline silicon layers grown on dissimilar substrates from metallic solution 30759
Silier, I. *see* Konuma, M. 10686
Silin, D.B. *see* Grigorenko, N.L. 30453
Silin'sh, Ya.E. *see* Grigulis, Yu.K. 20834
Silio, C.B., Jr. *see* Chai, L.-B. 35771
Silipo, R., Marchesi, C. Composite neural network architecture for extensive long term ECG analysis 28380
Silipo, R., Marchesi, C. Neural techniques for ST-T change detection 49687
Siliquini, J.F., Faraone, L. Two-dimensional infrared focal plane arrays based on HgCdTe photoconductive detectors 17394
Siliquini, J.F. *see* Musca, C.A. 12281
Siliquini, J.F. *see* Musca, C.A. 23684
Silivra, A.A., Spiesberger, J.L., Fabrikant, A.L., Hurlburt, H.E. Acoustic tomography at basin scales and clock errors 50086
Silivra, A.A. *see* Spiesberger, J.L. 50085
Silk, J.D. Modeling the observer in target acquisition 19010
Silkaitis, J.M., Douglas, B.L., Hua Lee Synthetic-aperture sonar imaging: system analysis, image formation, and motion compensation 6991
Silkaitis, J.M. *see* Douglas, B.L. 50186
Silkowski, E., Pomrenke, G.S., Yeo, Y.K., Hengehold, R.L. Optical activation of ion implanted and annealed GaN 54369
Silkowski, E., Yeo, Y.K., Hengehold, R.L., Khan, M.A., Lei, T., Evans, K., Cerny, C. Annealing study of ion implanted MOCVD and MBE grown GaN 12621
Sill, A. *see* Antos, J. 37373
Sillard, P., Boucher, C. Improvement of the transformation between ITRF and Doppler-realized WGS84 38041
Sillard, P., Brignon, A., Huignard, J.-P. Nd:YAG loop resonator with a Cr^{4+}:YAG self-pumped phase-conjugate mirror 33595
Sillard, P. *see* Brignon, A. 14254
Sillars, D.B., de Mingo, J., Moliner, A., Comeron, A. Comments on "Waveguide-to-coupled fin-line transition in a Ka band" [and reply] 31463
Siller, C.A., Jr. *see* Doshi, B.T. 16078
Siller, C.A., Jr. *see* Doshi, B.T. 16098
Sillesen, H. *see* Wilhjelm, J.E. 37751
Silliman, S.D. *see* Warren, W.L. 3590
Silling, J. CTI, piece by piece 46946
Sillion, B. *see* Chauvin, J. 55835
Sillitoe, I. *see* Caselli, S. 36892
Sillou, D. *see* Alexeev, G. 59200
Sills, J.A., Kamen, E.W. Time-varying matched filters 4837
Sills, J.A., Kamen, E.W. On classes of nonstationary parametric processes 34872
Silny, J. *see* Rau, G. 59691
Silva, A. Spectral analysis and performance of a 20 kW CW uplink transmitter 51258
Silva, A., Manso, M.E., Cupido, L., Albrecht, M., Serra, F., Varela, P., Santos, J., Vergamota, S., Eusebio, F., Fernandes, J., Grossmann, T., Kallenbach, A., Kurzan, B., Loureiro, C., Meneses, L., Nunes, I., Silva, F., Suttrop, W. Ultrafast broadband frequency modulation of a continuous wave reflectometry system to measure density profiles on ASDEX Upgrade 7187
Silva, A. *see* Loureiro, C.F.M. 58656
Silva, A.Ferreira da *see* Ferreira da Silva, A.
Silva, A.M.Leite da *see* Leite da Silva, A.M.
Silva, A.P.A.da *see* da Silva, A.P.A.
Silva, A.P.Alves da *see* Alves da Silva, A.P.
Silva, A.S.e *see* e Silva, A.S.
Silva, C., Santos-Victor, J. Direct egomotion estimation 5142
Silva, C.A.Da *see* Da Silva, C.A.
Silva, C.P. *see* Clark, C.J. 27856
Silva, C.P. *see* Clark, C.J. 36856
Silva, C.W.de *see* de Silva, C.W.
Silva, E.A.B.da *see* da Silva, E.A.B.
Silva, E.J., Mesquita, R.C. Three dimensional magnetostatics using the magnetic vector potential with nodal and edge finite elements 44921
Silva, E.R.C.da *see* da Silva, E.R.C.
Silva, F. *see* Silva, A. 7187
Silva, F.Morais de Assis *see* Morais de Assis Silva, F.
Silva, G.J.F.T.da *see* da Silva, G.J.F.T.
Silva, H.J.A.da *see* da Silva, H.J.A.
Silva, J. *see* Artru, X. 49308
Silva, J.A., Campilho, A.J.C., Marques dos Santos, J.C. 3-D data acquisition and scene segmentation system 5623
Silva, J.D.Landa *see* Landa Silva, J.D.
Silva, J.F. *see* Quadrado, J.C. 51430
Silva, J.G. *see* Hlawiczka, A. *(editor)* 20377
Silva, J.Machado da *see* Machado da Silva, J.
Silva, J.M.da *see* da Silva, J.M.
Silva, J.P.Marques *see* Marques Silva, J.P.
Silva, J.Schwartz da *see* Schwartz da Silva, J.
Silva, K.T.L.De *see* De Silva, K.T.L.
Silva, L.B.Da *see* Da Silva, L.B.
Silva, L.Costa da *see* Costa da Silva, L.
Silva, L.E.B.da *see* da Silva, L.E.B.
Silva, M.de *see* de Silva, M.
Silva, M.F.da *see* da Silva, M.F.
Silva, M.T.O. *see* Pusep, Y.A. 42127
Silva, N.S., Brazio, J.M. Reduction in location management signaling costs by the use of subpopulation-taylored location area sizes 47729
Silva, P.A.da, Jr. *see* da Silva, P.A., Jr.
Silva, P.C. *see* Robadey, J. 23900
Silva, P.C. *see* Robadey, J. 33523
Silva, R., Shaw, W., Nordhaus, K. An infrared line scanner that digitally corrects for bow-tie distortions [for ATARS] 28714
Silva, R. *see* Daher, S. 51149
Silva, R. *see* Gomez, E. 52677
Silva, R.G.R., Andrade, H.C.M., Nogueira, J.S.M. On the integration of network management to the distributed SIS platform using agent/manager modeling 46912
Silva, R.N., Rato, L.M., Lemose, J.M., Coito, F. Cascade control of a distributed collector solar field 39224
Silva, R.N. *see* Soares, A.O. 50781
Silva, S.R., Lyra, R.O.C. Pulse width modulation exciter for flux control of an isolated induction generator 60735
Silva, S.R.P. *see* Amaratunga, G.A.J. 1916
Silva, S.R.P. *see* O'Brien, P. 12260
Silva, T.Oliveira e *see* Oliveira e Silva, T.
Silva, V.C., Foggia, A. A 3D finite-element computation of stator end-winding leakage inductance and forces at steady state operating conditions in large hydrogenerators 50883
Silva Castro, J. Electrocardiographic signal analysis using genetic algorithms (GAs) 49615
Silva Oliveira, J.de Ribamar *see* de Ribamar Silva Oliveira, J.
Silva-Andrade, E. *see* Diaz-Arencibia, P. 2141
Silva-Andrade, F. *see* Gomez, E. 52677
Silva-Martinez, J. *see* Lobato-Lopez, F. 1664
Silva-Salgado, J.A. *see* Roa-Sepolveda, C.A. 19190
Silva-Valencia, J., Porras-Montenegro, N. Optical-absorption spectra associated with shallow donor impurities in spherical infinite-well GaAs quantum dots 42148
Silvain, J.F. *see* Trombert, S. 11917
Silvano, C. *see* Fornaciari, W. 21422
Silveira, E. *see* Abstreiter, G. 809
Silveira, E. *see* Abstreiter, G. 12448
Silveira, L.M. *see* Elfadel, I.M. 24951
Silveira, L.Miguel *see* Miguel Silveira, L.
Silveira, M. *see* Cheung, P. 14682
Silveira, S.B. *see* Nau, S.L. 50967
Silven, O. *see* Heikkila, J. 5065
Silven, O. *see* Kauppinen, H. 1018
Silven, O. *see* Repo, T. 15724
Silvennoinen, R., Mozerov, N. Controlled effects of aliasing synthetic Fresnel holograms with pixel phase error function 44829
Silvennoinen, R. *see* Savolainen, M. 24288
Silventoinen, M.I., Kuusela, M., Ranta, P.A. Analysis of a new channel access method for home base station 47786
Silver, D., Wang, X. Volume tracking 15574
Silver, M., Greene, P.D., Adams, A.R. Wavefunction engineering for optoelectronic applications using multi-strain-stepped heteroepitaxy 10717
Silver, M. *see* Adams, A.R. 23953
Silver, M. *see* Kelly, A.E. 44496
Silver, M. *see* O'Reilly, E.P. 23951
Silver, M. *see* O'Reilly, E.P. 33486
Silverberg, R.F. *see* Fixsen, D.J. 17008
Silverman, H.F. *see* Adcock, J.E. 15009
Silverman, H.F. *see* Brandstein, M.S. 15010
Silverman, H.F. *see* Brandstein, M.S. 25092
Silverman, H.F. *see* Gotoh, Y. 15062
Silverman, J., Mooney, J.M., Caefer, C.E. Temporal filters for tracking weak slow point targets in evolving cloud clutter 7401
Silverman, J. *see* Hector, S. 32290

Silverman, L. The bisection theorem [network parameters calculation] 52996
Silverman, P.J. *see* Bevk, J. 22973
Silverman, P.J. *see* Jones, D.E. 7601
Silverman, P.J. *see* Schiml, T. 22974
Silverman, R. *see* Ferrara, K.W. 28186
Silverman, R.H. *see* Lizzi, F.L. 37867
Silverman, S. *see* Goodberlet, J. 42873
Silverman, S.R. *see* Jacob, B.L. 1347
Silverstein, D.A., Farrell, J.E. The relationship between image fidelity and image quality 57006
Silverstein, D.A. *see* Farrell, J.E. 46374
Silverstein, D.A. *see* Xuemei Zhang 46506
Silverstein, M.S., Chen, R., Kesler, O. Hexafluoropropylene plasmas: polymerization rate-reaction parameter relationships 21382
Silverstein, S. *see* Engstrom, M. 59305
Silverstein, S. *see* Kastner, J.F. 18929
Silverstein, S.D. Application of orthogonal codes to the calibration of active phased array antennas for communication satellites 24598
Silveshi, S.De *see* De Silveshi, S.
Silvester, J. *see* Mayor, G. 6183
Silvester, J. *see* Mayor, G. 46641
Silvester, J.A., Fonseca, N.L.S., Wang, S.S. D-BMAP models for performance evaluation of ATM networks 398
Silvester, P.P. *see* Coccioli, R. 21210
Silvestre, J., De Sa, L. Signal extensions in perfect reconstruction filter banks 15210
Silvestre, L., Ougazzaden, A., Delprat, D., Ramdane, A., Daguet, C., Patriarche, G. Study of growth rate and composition variations in metalorganic vapour phase selective area epitaxy at atmospheric pressure and application to the growth of strained layer DBR lasers 52645
Silvestre, L. *see* Bouadma, N. 3904
Silvestre, L. *see* Mircea, A. 40488
Silvestre, L. *see* Ougazzaden, A. 21232
Silvestre, M.I.Di *see* Di Silvestre, M.I.
Silvestre, S., Parton, D., Castaner, L., Carter, J., Ashburn, P. Series resistance in double-polysilicon-contacted silicon solar cells 39211
Silvestri, A. *see* Berizzi, A. 8806
Silvestri, A. *see* Berizzi, A. 50959
Silvestri, M. *see* Bisiach, L. 60426
Silvestri, S.De *see* De Silvestri, S.
Silvestris, L. *see* Celano, L. 18094
Silvestro, D. *see* Arico, A.S. 40508
Silvestro, J. *see* Jain, N. 39778
Silvestrov, G. *see* Palmer, R.B. 17924
Silvestrov, G. *see* Palmer, R.B. 17966
Silvestrov, G.I. Lithium lenses for muon colliders 17933
Silvonen, A. Hot combustion improves diesel combined cycle 38633
Sim, C.W. *see* Toh, S.L. 36918
Sim, D.-G., Jeong, S.-Y., Park, R.-H., Kim, R.-C., Lee, S.U., Kim, I.C. Navigation parameter estimation from sequential aerial images 59864
Sim, H.C. *see* Lim, S.K. 35078
Sim, H.C. *see* Lim, S.K. 57437
Sim, H.K. *see* Chen, X.H. 35981
Sim, H.K. *see* Tao, R. 967
Sim, J.-H. *see* Lee, K.-C. 1396
Sim, K.-S. *see* Suk, H.C. 9067
Sim, P. Armour-plated ATM 46607
Sim, S. *see* Kurucz, C.N. 19100
Sim, S.P., Lee, W.S., Ohu, Y.S., Choe, H.C., Kim, J.H., Ban, H.D., Kim, I.C., Chang, Y.H., Lee, Y.J., Kang, H.K., Chung, U.I., Choi, C.S., Hwang, C.G. A new planar stacked technology (PST) for scaled and embedded DRAMs 41168
Sim, S.S. *see* Chang, C.S. 39308
Sim, T.Y., Tan, M.K.S., Liu, L.X. Improvements of Josephson voltage standard in national metrology centre (NMC) Singapore 27238
Sim, W.L. *see* Brdys, M.A. 60742
Sim Bong Shick *see* Bong Shick Sim
Sim Dong-Gyu *see* Dong-Gyu Sim
Sim Dong-Joon *see* Dong-Joon Sim
Sim Jae-Yoon *see* Jae-Yoon Sim
Sim Jaeyong *see* Jaeyong Sim
Sim Jai-Hoon *see* Jai-Hoon Sim
Sim Siang Kok *see* Siang Kok Sim
Sim Yoo Yong *see* Yong Sim Yoo
Sima, K. *see* Fujita, K. 10169
Sima, O., Arnold, D. Self-attenuation and coincidence-summing corrections calculated by Monte Carlo simulations for gamma-spectrometric measurements with well-type germanium detectors 18103
Simada, O. *see* Motomura, T. 12025
Simader, G. *see* Keen, N. 51554
Simader, G. *see* Selan, M. 20011
Simakin, A.V. *see* Dolgaev, S.I. 42662
Simakine, A. *see* Marine, W. 10900
Simane, C. *see* Vognar, M. 18565
Simanjuntak, H.P., Gunther, L. Nucleation of the phase of a finite Josephson junction 43816
Simard, C. *see* Blanchard, M. 19290
Simard, M. *see* Valin, P. 28710
Simard-Normadin, M. *see* Nxumalo, J.N. 22850
Simard-Normandin, M. *see* Bardwell, J.A. 12654
Simas, M.I.Castro *see* Castro Simas, M.I.
Simburger, W. *see* Treitinger, L. 13114
Simburger, W. *see* Treitinger, L. 22952
Simburger, W. *see* Trost, H.P. 53648
Simec, I. *see* Crnalic, J. 29763
Simelius, K., Tierala, I., Jokiniemi, T., Nenonen, J., Toivonen, L., Katila, T. A body surface potential mapping system in clinical use 49701
Simeoni, R. *see* Barra, S. 35638
Simeoni, R. *see* Barra, S. 47236
Simeonidis, K. *see* Laenen, R. 55906
Simeonidou, D., Sian, S., Penticost, S., Hazell, N., Le Gourrierec, L. Submerged WDM network implementation using all optical wavelength routers 58092
Simeonov, S. *see* Malyshkin, V. 27912
Simes, R. *see* Mayer, H.P. 16821
Simesbichler, F., Ebberg, A., Felder, A., Weigel, R. Generation of high-speed pseudorandom sequences using multiplex-techniques 25842
Simeu-Abazi, Z., Daniel, O., Descotes-Genon, B. Analytical method to evaluate the dependability of manufacturing systems 39760
Simha, R. *see* Choi, H.-S. 35772
Simha, S. Super Mario chip [64-bit MIPS R4300i RISC processor] 11458
Simic, B. *see* Srdoc, D.J. 60413
Simili, R. *see* Marchetti, S. 13908
Simin, G.S. *see* Markov, A.Yu. 31136
Simin Liu *see* Guangyin Zhang 23453
Simin Liu *see* Guoquan Zhang 56840
Simin Liu *see* Qiyin Fang 13557
Siming Qian *see* Qian Siming
Simion, A., Stincescu, R. Analytical expression of some non-linear phenomena concerning DC machines 38750
Simion, A. *see* Stincescu, R. 38739
Simion, G.P., Gisclon, J.M. Using risk- and performance-based techniques to revise containment leak rate testing requirements [nuclear plants] 38568
Simion, M. *see* Avram, M. 43403
Simion, M. *see* Podaru, C. 48702
Simion, S. *see* Bartolucci, G. 56073
Simion, S. *see* Muller, A. 41505
Simizu, A. *see* Nagaoka, M. 1742
Simizu, S. *see* Denes, L.J. 55341
Simkevicius, J. *see* Ciegis, R. 30636
Simkin, D.J., Jianan Wang, Jenssen, H.P. Pump probe measurement of the upconversion gain in Tm^{3+}:YBF 3786
Simkin, D.J. *see* Skirtach, A.G. 3985
Simkin, J. *see* Colyer, B. 44984
Simko, S.J. *see* Yang-Tse Cheng 11808
Simlinger, T., Brech, H., Grave, T., Selberherr, S. Simulation of submicron double-heterojunction high electron mobility transistors with MINIMOS-NT 54703
Simmer, K.U. *see* Fischer, S. 24856
Simmon, E. *see* Petersons, O. 29365
Simmons, A. *see* Benson, J.D. 21287
Simmons, A.D., Infield, D.G. Grid-connected amorphous silicon photovoltaic array 19612
Simmons, J. *see* Plant, D.V. 13894
Simmons, J.A. *see* Harff, N.E. 31990
Simmons, J.A. *see* Weckwerth, M.V. 32185
Simmons, J.E.L. *see* Belmiro, T.R. 39672
Simmons, J.M. Proof of correctness of ATM retransmission scheme 35433
Simmons, J.P., Jr., Madden, J.M. Practical HTS/cryogenic systems for wireless applications 26525
Simmons, M.A. Insulating liquids used in fluid filled cables 38375
Simmons, M.Y. *see* Liang, C.-T. 54168
Simmons, P., Caulfield, H.J., Johnson, J.L., Schamschula, M., Allen, F.T., Kinser, J. Hearing shapes: auditory recognition of two-dimensional spatial patterns 24994
Simmons, S. *see* Bottermann, M. 16148
Simmons, W., Miller, J. Results from hydrographic multibeam and side-scan surveys of Long Island Sound 50003
Simmons, W.D., Johnson, M.G., Han, B.J., Frye, R.C. A silicon-on-silicon MCM base-band controller for a spread-spectrum radio 6576
Simmons, W.D., Johnson, M.G., Han, B.J., Frye, R.C. A silicon-on-silicon MCM base-band controller for a spread-spectrum radio 58163
Simmons, W.N. *see* Hynynen, K. 28423
Simniskis, R. *see* Dagys, M. 27864
Simoen, E., Claeys, C. Generation-recombination noise sources in silicon-on-insulator MOSFETs 42988
Simoen, E., Claeys, C. Impact of the series resistance on the parameter extraction of submicron silicon metal-oxide-semiconductor transistors operated at 77 K 54630
Simoen, E., Claeys, C., Lukyanchikova, N., Petrichuk, M., Garbar, N., Martino, J.A., Sonnenberg, V. Extraction of the interface and oxide charge density in silicon-on-insulator MOSFETs 42992
Simoen, E., Decoutere, S., Cuthbertson, A., Claeys, C.L., Deferm, L. Impact of polysilicon emitter interfacial layer engineering on the 1/f noise of bipolar transistors 12893
Simoen, E., Vanhellemont, J., Claeys, C. Effective generation-recombination parameters in high-energy proton irradiated silicon diodes 12870
Simoen, E., Vanhellemont, J., Claeys, C. The low-frequency noise behaviour of Si n$^+$p junction diodes fabricated on (100) and (111) substrates 22304
Simoes, E.do Valle *see* do Valle Simoes, E.
Simoes, J.B. *see* Morgado, A.M.L.S. 53083
Simoes, J.Basilio *see* Basilio Simoes, J.
Simoes, M.G., Bose, B.K. Application of fuzzy neural networks in the estimation of distorted waveforms 9376
Simoes, M.G., Bose, B.K., Spiegel, R.J. Fuzzy logic based intelligent control of a variable speed cage machine wind generation system 29170
Simoes, M.G., Bose, B.K., Spiegel, R.J. Design and performance evaluation of a fuzzy logic based variable speed wind generation system 29177
Simoes Costa, A.J.A., Freitas, F.D., e Silva, A.S. Design of decentralized controllers for large power systems considering sparsity 50360
Simogoulos, C. *see* Holtzapple, R.L. 17987
Simohamed, L.M., Delage, L., Reynaud, F. An optical fibre delay line with a 318 mm stroke 13574
Simohand, D. *see* Alexeev, G. 59200
Simokawa, H., Lee, C., Yamamoto, K., Soga, T. New estimation method of wetting and surface tension by measuring area of spreading solder in flux atmosphere based on ellipse approximation of Sessile drop configurations 10085
Simon, A. *see* Beck, M. 37265
Simon, B. Image coding using overlapping fractal transform in the wavelet domain 56751
Simon, B., Mertes, J.Y., Ciblat, P., Macq, B. Local interpolation in multiresolution decomposition of images 56777
Simon, B. *see* Mason, R. 10044
Simon, C., Seip, R., Ebbini, E.S. Estimation of mean scatterer spacing based on autoregressive spectral analysis of pre-filtered echo data 18350
Simon, C. *see* Kaczmarek, H. 11004
Simon, C. *see* Seip, R. 28201
Simon, Ch. *see* Fukumoto, Y. 13483
Simon, D. *see* Blossfield, K.M. 1879
Simon, D. *see* Radloff, D. 27968
Simon, E. *see* Clairon, A. 27367
Simon, E. *see* Clairon, A. 48295
Simon, E. *see* Ghezali, S. 27316
Simon, E. *see* Laurent, P. 27221
Simon, F. *see* Hamoir, D. 14375
Simon, F. *see* Simon, J. 22093
Simon, G., Haghiri-Gosnet, A.M., Carcenac, F., Launois, H. Electroplating: an alternative transfer technology in the 20 nm range 40500
Simon, G. *see* Carcenac, F. 32289
Simon, H. *see* Hage-Ali, M. 37561
Simon, H. *see* Prat, V. 37330
Simon, J. Development of a high speed gold bumping process using a sulfite electrolyte 12827
Simon, J., Chmiel, G., Leutenbauer, R., Reichl, H. The development of a FC-BGA 20913
Simon, J., Gwiasda, J., Kuhls, I., Werner, K., Reichl, H. Development of a display module using flip chip on flex 17618
Simon, J., Zilske, W., Simon, F. The development of a high speed gold sulfite electrolyte for bumping 22093
Simon, J.C. *see* Guillemot, C. 26445
Simon, J.J. *see* Perichaud, I. 22194
Simon, J.J. *see* Perichaud, I. 31774
Simon, J.M. *see* Comastri, S.A. 56917
Simon, J.N. *see* Lo, N.R. 2875
Simon, L., Aubel, D., Kubler, L., Bischoff, J.L., Gewinner, G., Balladore, J.L. A C 1s core level X-ray photoelectron diffraction characterization of substitutional carbon in epitaxial $Si_{1-y}C_y$ alloys grown on Si(111) and Si(001) 30811
Simon, L., Kubler, L., Bischoff, J.L., Bolmont, D., Faure, J., Claverie, A., Balladore, J.L. Epitaxial growth of $Si_{1-y}C_y$ alloys characterized as self-organized, ordered, nanometer-sized C-rich aggregates in monocrystalline Si 813
Simon, L., Valiere, J.C., Depollier, C. On the effects of random sampling on spectral estimation of linear FM signals by means of the pseudo-discrete Wigner-Ville distribution 34919
Simon, L. *see* Valeau, V. 48924
Simon, M., De Oliveira, M., Pechiar, J., Casamayou, L. Video coding and ATM statistical bit rate capability 26274
Simon, M., Tsou, H., Hinedi, S., Hamdan, K. The performance of a coherent residual carrier PSK system using hybrid carrier phase synchronization 4435
Simon, M., Wevering, S., Buse, K., Kratzig, E. The bulk photovoltaic effect of photorefractive $LiNbO_3$:Fe crystals at high light intensities 43890
Simon, M. *see* Gerwens, A. 24299
Simon, P., Ihlemann, J. Machining of submicron structures on metals and semiconductors by ultrashort UV-laser pulses 12730
Simon, P., Ihlemann, J. Ablation of submicron structures on metals and semiconductors by femtosecond UV-laser pulses 42502
Simon, P. *see* Szatmari, S. 13923
Simon, P. *see* Szatmari, S. 24061
Simon, R. *see* Jager, B. 38383
Simon, S., Karadza, E., Cifrek, M., Ferek-Petric, B. The Croatian pacemaker patients database 37881
Simon, S., Rieder, P., Nossek, J.A. Efficient VLSI suited architectures for discrete wavelet transforms 31297
Simon, S., Rieder, P., Schimpfle, C., Nossek, J.A. CORDIC-based architectures for the efficient implementation of discrete wavelet transforms 1495

Simon, S.F. *see* Niehsen, W. 56956
Simon, S.H. Coupling of surface acoustic waves to a two-dimensional electron gas 22323
Simon, V.B. *see* Tanaka, J.W. 46063
Simon-Gillo, J. *see* Britton, C.L., Jr. 59321
Simoncelli, E. *see* Karasaridis, A. 25444
Simoncelli, E.P., Adelson, E.H. Noise removal via Bayesian wavelet coring 56927
Simoncini, L. *see* Hlawiczka, A. *(editor)* 20377
Simoncini, V. On the numerical solution of AX–XB=C 10482
Simond, J.-J. *see* Nguyen, M.T. 50910
Simond, J.J. *see* Kawkabani, B. 51702
Simondi-Teisseire, B., Viana, B., Vivien, D., Lejus, A.M. Yb^{3+} to Er^{3+} energy transfer and rate-equations formalism in the eye safe laser material $Yb:Er:Ca_2Al_2SiO_7$ 14024
Simone, P.De *see* De Simone, P.
Simone, R.N., Lee, R.G., Shalkhauser, K.A. Finite width coplanar waveguide patch antenna with vertical fed through interconnect 34437
Simonelli, O. *see* Cardarilli, G.C. 1214
Simonelli, O. *see* Cardarilli, G.C. 41143
Simonett, J. *see* Franken, P. 8829
Simonetti, D., Libano, F., Canalli, V., Sebastian, J., Uceda, J. A magnetically coupled regenerative turn-off snubber [for power convertors] 51157
Simonetti, D., Sebastian, J., Cobos, J.A., Uceda, J. The continuous-discontinuous conduction boundary of a boost PFP fed by universal input 9347
Simonetti, E. *see* Giorgi, L. 51506
Simonetto, A., Muzzini, A.V., Bruschi, A., Cirant, S., Granucci, G., Sozzi, C. An inexpensive instrument to detect radio-frequency leakage from transmission lines at millimeter wavelengths for personnel safety 8208
Simoni, L. *see* Mazzanti, G. 43545
Simoni, N. *see* Arsenis, S. 6167
Simonian, A. *see* Brichet, F. 52413
Simonian, A.W. *see* Shi, Z. 12678
Simonian, D. *see* Kravchenko, S.V. 12157
Simonich, P.J., Perusse, M.R. Propagating Mathematica across the United States Air Force Academy curriculum 39618
Simonin, A. *see* Deroin, J.-P. 28602
Simonin, A. *see* Pamela, J. 36993
Simonin, J. *see* Mokbel, C. 45676
Simonot-Lion, F. *see* Yeqiong Song 57859
Simonov, E.A. *see* Aulchenko, V.M. 37247
Simonov, M.D. *see* Bykov, Yu.G. 9660
Simonov, M.D. *see* Bykov, Yu.G. 29423
Simonov, M.D. *see* Inkov, Yu.M. 51792
Simonpietri, P. *see* Gaiffe, T. 27616
Simonpietri, P. *see* Gaiffe, T. 27632
Simons, A.J., Loni, A., Cox, T.I., Canham, L.T. Solid-state electroluminescence from porous silicon 33285
Simons, A.J. *see* Canham, L.T. 3640
Simons, D.S. *see* Chen, C.Y. 42052
Simons, F.O., Jr., Harden, R.C. Some useful signals and systems concepts 45837
Simons, N. *see* Cuhaci, M. 14707
Simons, R.N. *see* Jong-Gwan Yook 21964
Simons, R.N. *see* Lee, R.Q. 34228
Simons, S. Analytical inversion of a particular type of banded matrix 21020
Simonsen, H.R. Iodine-stabilized extended cavity diode lasers at λ=633 nm 17729
Simonsen, J. *see* Kensing, F. 144
Simonsen, L.C. *see* Wilson, J.W. 49855
Simonsen, S.E., Rosenberg, T. Reappraisal of a short-wavelength-sensitive (S-cone) recording technique in routine clinical electroretinography 28338
Simonson, P., Rydler, K.-E. Loading errors in low voltage AC measurements 27350
Simonson, P., Svensson, S., Rydler, K.-E. A comparison of power measuring systems 27347
Simonton, R. *see* Parab, K.B. 12693
Simonychev, S.A. *see* Akimov, D.Yu. 37245
Simoons, M.L. *see* Nelwan, S. 49623
Simopoulos, C. *see* Abe, K. 37234
Simos, C. *see* Di Bin, P. 43936
Simos, T.E., Williams, P.S. Bessel and Neumann-fitted methods for the numerical solution of the radial Schrodinger equation 40228
Simos, T.E., Williams, P.S. A finite-difference method for the numerical solution of the Schrodinger equation 52563
Simos, T.E. *see* Papakaliatakis, D. 10502
Simov, S. *see* Kalitzova, M. 32129
Simova, E., Kavehrad, M., Stoev, K. Wavelength demultiplexing by chirped waveguide gratings 23533
Simper, A. Correcting general band-to-band misregistrations 57440
Simpson, A. *see* Burn-Thornton, K.E. 35414
Simpson, A.D., Mills, M.D., Glass, K.J., MacCorquodale, S.Q. The first large-scale broadband trial–the Omaha experience 47432
Simpson, C. LDO regulators require proper compensation 21489
Simpson, D.M. *see* Oliveira, L.F. 37610
Simpson, G. *see* Sevic, J.F. 17214
Simpson, G.M. *see* Sevic, J.F. 41470
Simpson, G.S. *see* Shepherd, E.E.A. 686
Simpson, G.S. *see* Wang Qingwu 13683
Simpson, H. *see* Vignola, J.F. 58782
Simpson, I. Modeling the risks and costs of digitally signed certificates in electronic commerce 45565
Simpson, I. *see* Munro, W.A. 50218
Simpson, J. *see* Gai, W. 37013
Simpson, J. *see* Gai, W. 59147
Simpson, J. *see* Solomon, S.C. 60062
Simpson, J.W. *see* Hardingham, C. 37995
Simpson, M. *see* Walter, J. 59341
Simpson, M.L., Britton, C.L., Wintenberg, A.L., Young, G.R. An integrated CMOS time interval measurement system with subnanosecond resolution for the WA-98 calorimeter 28049
Simpson, M.L. *see* Britton, C.L., Jr. 59321
Simpson, M.L. *see* Emery, M.S. 59331
Simpson, M.L. *see* Jackson, R.G. 59322
Simpson, M.L. *see* Smith, R.S. 59336
Simpson, M.L. *see* Wintenberg, A.L. 59316
Simpson, P.J. *see* Knights, A.P. 22535
Simpson, R. Machine vision in semiconductor wafer inspection 20961
Simpson, R.A. *see* Baron, J.E. 6961
Simpson, S. *see* Kim, K. 47126
Simpson, T.B., Liu, J.M. Modulation characteristics of injection-locked laser diodes 55674
Simpson, T.W., Mitchell, I.V. Suppression of secondary defects in silicon by carbon implantation 12701
Simpson, T.W. *see* Huang, M.B. 41832
Simpson, W.C., Shuh, D.K., Yarmoff, J.A. Room-temperature chlorination of As-rich GaAs(110) 54401
Simpson, W.R. The key to concurrent engineering is design tools 30142
Simpson, W.R. Profiting from integrated diagnostics 52182
Simpson, W.R., Sheppard, J.W. Encapsulation and diagnosis with fault dictionaries 36407
Simpson, W.R. *see* Sheppard, J.W. 36392
Simpson-Clark, R. *see* Oman, H. 20189
Simpson-Young, B., Yap, K. FRANK: trialing a system for remote navigation of film archives 47073
Sims, A.J. *see* Dyer, C.S. 28496
Sims, J.R. *see* Walsh, R.P. 52835
Sims, M.R. *see* Owens, A. 18148
Simsa, Z. *see* Bursik, J. 3173
Simsova, J. *see* Kambersky, V. 3190
Simula, O. *see* Tang, H. 47273
Simunic, T., Rozenblit, J.W., Brews, J.R. VLSI interconnect design automation using quantitative and symbolic techniques 2777
Sin, J.K.O. *see* Baoping Wang 41785
Sin, J.K.O. *see* Chen Wang 53958
Sin, J.K.O. *see* Fung, S.K.H. 13161
Sin, J.K.O. *see* Huangfu Lujiang 17707
Sin, J.K.O. *see* Kumar, A.K.P. 32429
Sin, J.K.O. *see* Li Tianying 12081
Sin, J.K.O. *see* Poon, M.C. 32095
Sin, J.K.O. *see* Xing Bi Chen 54163
Sin, J.K.O. *see* Zhenan Tang 36787
Sin, S.S.Y. *see* Kan, S.C. 13640
Sin, S.Y.S. *see* Kan, S.C. 33091
Sin Horng Chen *see* Yuan-Fu Liao 34641
Sin Kai-Yeung *see* Kai-Yeung Sin
Sin Kyusik *see* Kyusik Sin
Sin Lee Han *see* Han Sin Lee
Sin Lim Eng *see* Lim Eng Sin
Sin Lu *see* Lu Sin
Sin-Doo Lee *see* Seong-Wog Suh 43484
Sinan, S.A., Neiva, A.C., Harris, I.R. Preparation of $Sm_{10.2}Fe_{85.8}Nb_4$ nitride-based permanent magnet by HDDR process 3138
Sincerbox, G.T. Holographic storage: will the material and component technology meet the new challenges 44784
Sincerbox, G.T. *see* Bernal, M.-P. 14427
Sinclair, A.G., Kasevich, M.A. Detector for spatial and temporal imaging of single photons 48691
Sinclair, B.D. *see* Conroy, R.S. 3799
Sinclair, B.D. *see* Matthews, D.G. 3798
Sinclair, C. *see* Kehne, D. 18015
Sinclair, D. The Euclidean hinge constraint in articulated motions 5143
Sinclair, D. Cluster-based texture analysis 5575
Sinclair, D. *see* Prantl, M. 35133
Sinclair, G.J. *see* Jones, G.A. 32826
Sinclair, G.N. *see* Anderton, R.N. 58856
Sinclair, J.D. *see* Comizzoli, R.B. 58090
Sinclair, M.B. *see* Potter, B.G., Jr. 48969
Sinclair, M.C. Minimum cost topology optimisation of the COST 239 European optical network 26924
Sinclair, M.W. *see* Staveley-Smith, L. 36300
Sinclair, R. *see* Chang, J.J.K. 3201
Sinclair, R. *see* Chang, J.J.K. 32831
Sinclair, R. *see* Lee, H. 42278
Sinclair, R.L., Tritchew, S. Stabilized FLIR for long range airborne surveillance 27675
Sinclair-Desgagne, B. *see* Cadot, O. 10276
Sincoskie, W.D. *see* Tennenhouse, D.L. 25971
Sinderen, M.J.van *see* van Sinderen, M.J.
Sindoni, O.I. *see* Fucile, E. 56028
Sindoukas, D. *see* Bezerianos, A. 49632
Sinel'nik, Yu.A. *see* Belikov, A.V. 58781
Sinel'nik, Yu.A. *see* Belikov, A.V. 60107
Sinel'shchikov, V.A. *see* Batenin, V.M. 23198
Sinev, N. *see* Abe, K. 59233
Sing, T.Y. A perspective of archiving in RTM 36320
Sing Man Wai *see* Wai Sing Man
Sing Victor Lee Chung *see* Lee Chung Sing Victor
Sing Wong Kam *see* Kam Sing Wong
Singaevskii, A.F. *see* Kislyuk, V.V. 12219
Singal, A. Optoelectronic biosensors for bacteria and viruses in blood 17554
Singatwaria, S., Ahmad, R., Halsall, F. Timer based burst mode protocol for high speed networks 57625
Singer, A. Managing new technologies with technical cost modeling: CVD diamond 40593
Singer, A., Lemke, L. Sheldahl's MCM-L progress 53858
Singer, A.C. Detection and estimation of soliton signals 15984
Singer, D. *see* Lin, M. 46577
Singer, D. *see* Mengjou Lin 47388
Singer, E., McAulay, R.J., Dunn, R.B., Quatieri, T.F. Low rate coding of the spectral envelope using channel gains 14977
Singer, H., Bruns, H.-D., Burger, G. State of the art in the method of moments 45239
Singer, H., Ostendorf, M. Maximum likelihood successive state splitting 15066
Singer, H. *see* Bruns, H.-D. 45189
Singer, H. *see* Kimmel, M. 45233
Singer, H. *see* Ostendorf, M. 56366
Singer, H. *see* Wakita, Y. 15107
Singer, K.E. *see* Primrose, P.L. 20449
Singer, L. *see* Mercer, D. 11530
Singer, L.A., Brooks, T.L. A 14-bit 10-MHz calibration-free CMOS pipelined A/D converter 1520
Singer, M. *see* Cuschieri, J.M. 48147
Singer, M. *see* LeBlanc, L.R. 48028
Singer, M. *see* Pfeifer, T. 3445
Singer, P. New tools for failure analysis 2750
Singer, P. New manufacturing challenges for AMLCDs 27784
Singer, P. Handling hazardous materials: what you should know 30103
Singer, P. Read/write heads: the MR revolution 55059
Singer, W., Herzig, H.P., Kuittinen, M., Piper, E., Wangler, J. Diffractive beamshaping elements at the fabrication limit 3531
Singer, W. *see* Bremer, J. 56055
Singh, A., Masut, R.A., Bensaada, A. Characterization of interface states in thin epitaxial film $In_{0.75}Ga_{0.25}P$/Ag diodes 2227
Singh, A., Velasquez, L. Electrical characterization of Mo/n-GaAs/In Schottky diodes fabricated by rf sputtering 2289
Singh, A., Weile, D.S., Rajapatirana, S., Granatstein, V.L. A library of codes for design of depressed collectors for gyrotrons 1937
Singh, A. *see* Coronado, M.J. 2103
Singh, A. *see* Dixit, G.A. 2442
Singh, A. *(editor)* Conference Record of The Twenty-Ninth Asilomar Conference on Signals, Systems and Computers 61
Singh, A. *see* Li, S.S. *(editor)* 30025
Singh, A.D. *see* Hurst, J.P. 21545
Singh, A.D. *see* Williamson, S.T. 9693
Singh, A.K., Kumar, G. EMCP microstrip antennas as feed for satellite receiver 34482
Singh, A.K. *see* Jones, C.R. 47218
Singh, A.K. *see* Prakash, V.V.S. 4393
Singh, A.K. *see* Singh, U.P. 24479
Singh, A.R. *see* Herzog, W.D. 42128
Singh, B. Effect of substrate on the radiation efficiency of different microstrip phased array antennas 14751
Singh, B., Chandra, A., Al-Haddad, K. A three-phase active power filter for harmonic and reactive power compensation 19132
Singh, B., Chandra, A., Al-Haddad, K. An improved single phase active power filter with optimum DC capacitor 51105
Singh, B., Pourush, P.K.S. Effect of substrate permittivity on radiation properties of microstrip patch antenna 45411
Singh, B., Siddigi, M.U. On MAP optimality of gray-scale morphological filters 57487
Singh, B., Siddigi, M.U. Statistical optimization of gray-scale morphological filters 57488
Singh, B. *see* Bhatnagar, R. 3922
Singh, B. *see* Katopis, G. 39813
Singh, B. *see* Mendelson, R. 13060
Singh, B. *see* Newcomb, R.M. 12830
Singh, B. *see* Sharma, K.K. 30400
Singh, B. *see* Singh, B.N. 61231
Singh, B. *see* Swamy, C.L.P. 29926
Singh, B. *see* Wilder, K. 22980
Singh, B.N., Putta Swamy, C.L., Singh, B., Singh, B.P. Performance comparison of PV array fed cage motor and permanent magnet brushless DC motor 61231
Singh, B.p. *see* Furuhashi, H. 41695
Singh, B.P. *see* Singh, B.N. 61231
Singh, B.P. *see* Swamy, C.L.P. 29926
Singh, C., Mitra, J. Composite system reliability evaluation using state space pruning 50311
Singh, D., Gardner, P., Hall, P.S. Integrated push-push frequency doubling active microstrip transponder 41508
Singh, D. *see* Sharma, S.K. 8294
Singh, D.P. *see* Singh, U.P. 24479
Singh, G. *see* Ravindran, K. 57661
Singh, G. *see* Yi Pan 57802
Singh, H., Alvarado, F.L., Liu, W.-H.E. Constrained LAV state estimation using penalty functions 50307

Singh, H., Carter, J.L., Creedon, J. Comparison of switching technologies for a tactical EML application 33889
Singh, H., Catipovic, J., Eastwood, R., Freitag, L., Henriksen, H., Hover, F., Yoerger, D., Bellingham, J.G., Moran, B.A. An integrated approach to multiple AUV communications, navigation and docking 48157
Singh, H., Sirkis, J.S. Simultaneously measuring temperature and strain using optical fiber microcavities 58774
Singh, H., Stewart, W.K. An entropic framework for sensor modelling 50092
Singh, H. *see* Burke, T. 32386
Singh, H. *see* Burke, T. 51401
Singh, H. *see* Gupta, S. 18554
Singh, H. *see* Meitzler, T. 19018
Singh, H. *see* Meitzler, T.J. 7426
Singh, H. *see* Meitzler, T.J. 25315
Singh, H. *see* Morey, W.W. 36612
Singh, H. *see* Podlesak, T. 38185
Singh, H. *see* Podlesak, T.F. 33887
Singh, H. *see* Podlesak, T.F. 45000
Singh, H.K. *see* Khare, N. 43791
Singh, H.P., Singh, R. A class of shrinkage estimator for the variance of a normal population 40031
Singh, J. Room temperature intra-band lasing in quantum dot arrays placed in high photon density cavities. A theoretical study 33511
Singh, J. *see* Hinckley, J.M. 1975
Singh, J. *see* Hongtao Jiang 41879
Singh, J. *see* Jambunathan, R. 3856
Singh, J. *see* Vurgaftman, I. 14664
Singh, J. *see* Yeom, K. 2083
Singh, J. *see* Yeom, K. 31762
Singh, J. *see* Yuan, Y. 33565
Singh, J.P. *see* Bilas, A. 46523
Singh, J.P. *see* Vasanthamohan, N. 43758
Singh, K., Bhoga, S.S., Thorat, N.H. Determination of the thermodynamic parameters of $Zn/60Li_2SO_4{:}40Li_2CO_3/V_2O_5{:}P_2O_5$ electrochemical cells 29591
Singh, K. *see* Kamra, K. 27911
Singh, K. *see* Kurbel, K. 21457
Singh, K. *see* Nariyama, K. 15458
Singh, K. *see* Nawghare, P.M. 27394
Singh, K. *see* Roy, A. 50
Singh, K.D., Holliday, I.E., Furlong, P.L., Harding, G.F.A. Evaluation of MRI-MEG/EEG co-registration strategies using Monte Carlo simulation 59504
Singh, K.M., Kalra, M.S. Time integration in the dual reciprocity boundary element analysis of transient diffusion 40274
Singh, K.P. *see* Sharma, S.K. 8294
Singh, M. Temperature and electric field dependent variable range hopping conduction in high temperature superconductor S/N/S junctions 55117
Singh, M., Bhatia, K.L., Singh, P., Kundu, R.S., Kishore, N. AC conductivity of $(As_2S_3)_{1-x}(PbS)_x$ in bulk vis-à-vis thin film forms 54115
Singh, M., Nowick, S.M. Synthesis-for-initializability of asynchronous sequential machines 41041
Singh, M., Nowick, S.M. Synthesis for logical initializability of synchronous finite state machines 53216
Singh, M., Prakash, S.G. Photovoltaic studies of $(PbCrO_4$-ZnO) thick binder layers 55420
Singh, M. *see* Bist, K.S. 5206
Singh, M. *see* Deshmukh, P.R. 22659
Singh, M. *see* Humphreys, K.K. 29761
Singh, M. *see* Li, J.K.-J. 59427
Singh, M. *see* Singh, P. 54114
Singh, M. *see* Thomas, V.J. 7458
Singh, N., Kaushik, S.C. Economic evaluation of solar thermal power generation: a case study for Indian conditions 29151
Singh, N., Leung, W.C., Vashi, B.I. Potential structure near a probe in a flowing magnetoplasma and current collection 50067
Singh, N., Nadar, S.P., Banerjee, P.P. Time-dependent nonlinear photorefractive response to sinusoidal intensity gratings 43888
Singh, N.B., Mani, S.S., Adam, J.D., Coriell, S.R., Glicksman, M.E., Duval, W.M.B., Santoro, G.J., DeWitt, R. Direct observations of interface instabilities 10598
Singh, O.N., II *see* Singh, U.N. 3365
Singh, P., Bhatia, K.L., Singh, M., Kundu, R.S., Malik, S.K., Kishore, N. Electronic conduction in amorphous semiconducting system $Ge_{42-x}Se_{58}Pb_x$ 54114
Singh, P., Jupina, M. A practicum component to a course in semiconductor materials and devices 20673
Singh, P. *see* Bhatia, K.L. 54033
Singh, P. *see* Singh, M. 54115
Singh, P. *see* Thero, C. 39220
Singh, R., Bora, D., Kulkarni, S.V., Kumar, S. A method to measure the plasma impedance by using current and voltage probes 7521
Singh, R., Cherukuri, K.C., Vedula, L., Rohatgi, A., Narayanan, S. Low temperature shallow junction formation using vacuum ultraviolet photons during rapid thermal processing 42399
Singh, R., Doppalapudi, D., Moustakas, T.D., Romano, L.T. Phase separation in InGaN thick films and formation of InGaN/GaN double heterostructures in the entire alloy composition 40386
Singh, R., Khare, P.K., Singh, R. Stabilization of negative charge in polystyrene foils by corona charging at elevated temperatures 54958
Singh, R., Moustakas, T.D. Growth of InGaN films by MBE at the growth temperature of GaN 21267
Singh, R., Sali, S. Efficient modelling of substrate noise and coupling in mixed-signal SPICE designs 41356
Singh, R., Sharangpani, R. Role of rapid isothermal processing (RIP) in cycle time reduction 32498
Singh, R., Sharangpani, R., Cherukuri, K.C., Chen, Y., Dawson, D.M., Poole, K.F., Rohatgi, A., Narayanan, S., Thakur, R.P.S. How rapid isothermal processing can be a dominant semiconductor processing technology in the 21st century 22493
Singh, R., Yadava, R.S. Resonant frequencies of microstrip patch antennas 24575
Singh, R. *see* Doshi, P. 39196
Singh, R. *see* Gilbert, D.R. 40643
Singh, R. *see* Gupta, S. 4337
Singh, R. *see* Moharir, P.S. 48081
Singh, R. *see* Palmour, J.W. 2614
Singh, R. *see* Patel, A.H. 4409
Singh, R. *see* Romano, L.T. 52726
Singh, R. *see* Schalkoff, R.J. 11627
Singh, R. *see* Sharangpani, R. 40568
Singh, R. *see* Sharangpani, R. 43511
Singh, R. *see* Singh, H.P. 40031
Singh, R. *see* Singh, R. 54958
Singh, R., Norton, D., Laude, L., Narayan, J., Cheung, J. *(editors)* Advanced Laser Processing of Materials - Fundamentals and Applications. Symposium 9797
Singh, R.K. *see* Dong-Gu Lee 40391
Singh, R.K. *see* Harkness, S.D., IV 43477
Singh, R.K. *see* Nagabushnam, R.V. 22494
Singh, R.K. *see* Prakash, O. 1753
Singh, R.K. *see* Rizvi, S.A.H. 40030
Singh, R.K. *see* Tewari, H.S. 54102
Singh, R.K. *see* Van Rompay, P.A. 22218
Singh, R.N. *see* Singh, U.P. 24479
Singh, R.P., Shukla, A. A critical evaluation of the performance of optical fiber sensors for monitoring dynamic strains 27602
Singh, R.P. *see* Daftari, I.K. 18503
Singh, S., Dasgupta, K., Kundu, S., Kumar, S., Nair, L.G., Chatterjee, U.K. Amplification of the temporally stretched yellow beam of the copper vapour laser 3951
Singh, S., Hogg, J., McAuley, D. Expressing dynamic reconfiguration by partial evaluation 21579
Singh, S., Kapoor, A., Misra, S.C.K., Tripathi, K.N. Optimization of waveguide parameters of bisphenol A polycarbonate 13643
Singh, S., Rai, C.S., Vishvakarma, B.R. Millimeter wave attenuation in storm layers with spherical and non-spherical dust particles 45141
Singh, S. *see* Brown, K. 16569
Singh, S. *see* Mitra, H. 2708
Singh, S. *see* Nuansri, N. 46945
Singh, S. *see* Satyanarayana, S. 60358
Singh, S. *see* Stahle, C.M. 37354
Singh, S. *see* Vasistha, P. 14747
Singh, S. *see* Vishvakarma, B.R. 4363
Singh, S.K. *see* Nath, S.K. 38031
Singh, S.N. *see* Kishore, R. 44192
Singh, S.P., Goldsman, N., Mayergoyz, I.D. Modeling multi-band effects of hot electron transport in silicon by self-consistent solution of the Boltzmann transport and Poisson equations 22201
Singh, S.P. *see* Pathak, S.K. 8130
Singh, S.P. *see* Tiwari, V.N. 56161
Singh, S.P. *see* Tiwari, V.N. 56162
Singh, T., Zhu, M., Thakkar, U., Ravaioli, U. Impact of World Wide Web, Java, and virtual environments on education in computational science and engineering 20632
Singh, T. *see* Aldraihem, O.J. 954
Singh, U.N., Singh, O.N., II, Khastgir, P., Dey, K.K. Mode cut-off analysis of a tape-helix cladded optical fiber 3365
Singh, U.P., Singh, A.K., Singh, D.P., Singh, R.N. Wave-particle interactions and charged particle precipitation 24479
Singh, U.P. *see* Srivastava, P.C. 32063
Singh, U.S. *see* Biju, S. 6044
Singh, U.S. *see* Krishnakumar, M. 8261
Singh, U.S. *see* Krishnakumar, M. 8266
Singh, U.S. *see* Vishwanathan, A.N. 8291
Singh, V.K., Ford, W., Garcia-Colevatti, J. The effect of surface transport on the evolution of film microstructure in plasma etching and deposition 40562
Singh, V.R., Kumar, A. Development of a focussed ultrasonic transducer with increased efficiency 8574
Singh, V.R. *see* Shriwastava, M. 8129
Singh, Y.N., Gupta, H.M., Jain, V.K. Semiconductor optical amplifiers in WDM tree-net 36101
Singh Bhatia, C. *see* Xiaohan Yun 32840
Singh Bhim *see* Bhim Singh
Singhal, A. *see* Noam, E.M. 25994
Singhal, M., Chhabra, V., Kang, P., Shah, D.O. Synthesis of ZnO nanoparticles for varistor application using Zn-substituted aerosol OT microemulsion 32477
Singhal, M. *see* Elsaadany, A. 47197
Singhal, P.K. *see* Gupta, R. 45375
Singhal, P.K. *see* Gupta, R.D. 17220
Singhal, S. *see* Pepper, D.J. 46968
Singhal, S.C. *see* Donnell, A.J. 20975
Singhal, V., Malik, S., Brayton, R.K. The case for retiming with explicit reset circuitry 11364
Singhal, V. *see* Qadeer, S. 1249
Singhal, V. *see* Shiple, T.R. 11287
Singkarat, S., Boonyawan, D., Hoyes, G.G., Tippawan, U., Vilaithong, T., Garis, N.S., Kobus, H. Development of an encapsulated scintillating fiber detector as a 14-MeV neutron sensor 37454
Singlachar, R. *see* Mukherjee, B. 37168
Singler, T.J., Pitarresi, J.M., Holub, I.R., Yin, H. Towards an optimization algorithm for solder joint reliability 30316
Singler, T.J., Zhang, X. Computer simulation of solder bridging phenomena 31629
Singler, T.J., Zhang, X., Brakke, K.A. Computer simulation of solder bridging phenomena 10064
Singler, T.J. *see* Holub, I.R. 273
Singleton, E.W. *see* Sellmyer, D.J. 55031
Singleton, J. *see* Cole, B.E. 42174
Singleton, J. *see* Li, L. 55746
Singleton, J. *see* Nicholas, R.J. 2126
Singley, K.M. *see* Benson, J.D. 710
Singonahalli, J.H. *see* Liu, T.I. 7180
Singovsky, A. *see* Alexeev, G. 59200
Sinha, A., Denteneer, D., Pronk, V. Traffic contract: key to orderly use, provisioning, and charging of ATM services 46877
Sinha, A. *see* Panchal, C.G. 52871
Sinha, A. *see* Reddy, G.V. 38606
Sinha, A. *see* Shyam, A. 27572
Sinha, A.K. *see* Mandal, J.K. 19057
Sinha, B.K. *see* Pattnaik, S.S. 34215
Sinha, D., Johnston, J.D. Audio compression at low bit rates using a signal adaptive switched filterbank 14827
Sinha, G., Lipo, T.A. A four level rectifier-inverter system for drive applications 29744
Sinha, J.K. *see* Moorthy, R.I.K. 9009
Sinha, K. *see* Friedman, D.J. 38982
Sinha, K. *see* Kurtz, S.R. 38974
Sinha, M.K. Advances in information technology: a review 57721
Sinha, P., Gorinsky, S.V., Laplante, P.A., Stoyenko, A.D., Marlowe, T.J. Classification and overview of research in real-time imaging 25566
Sinha, P.G. *see* Langli, B. 55212
Sinha, S. Effect of spectral mismatch in optically pumped molecular laser amplifiers 44338
Sinha, S.P., Duan, F.L., Ioannou, D.E., Jenkins, W.C., Hughes, H.L. Time dependence power laws of hot carrier degradation in SOI MOSFETS 12997
Sinha, S.P., Li, F.D., Ioannou, D.E., Jenkins, W.C., Hughes, H.L., Liu, M.S. Hot carrier degradation of fully depleted SIMOX MOSFETs 42994
Sinha, U.K. A review of the manufacturing progress for power applications of high-temperature superconductor (HTS) 19365
Sinharoy, S., Agarwal, A.K., Augustine, G., Rowland, L.B., Messham, R.L., Driver, M.C., Hopkins, R.H. Plasma-assisted MBE of GaN and AlGaN on 6H SiC(0001) 21266
Sinigoj, A.R. Boundary integral equation as a boundary condition 33784
Sinis, V.P. *see* Altukhov, I.V. 22198
Sinisgalli, C. *see* Bruni, C. 56582
Sinitsa, S.A., Stankevich, A.F. A study of frequency characteristics of a He-Ne laser in an axial magnetic field 23754
Sinitsky, D., Assaderaghi, F., Hu, C., Bokor, J. High field hole velocity and velocity overshoot in silicon inversion layers 22849
Sinitsky, D., Tu, R., Liang, C., Chan, M., Bokor, J., Hu, C. AC output conductance of SOI MOSFETs and impact on analog applications 22846
Sinitsky, D. *see* Assaderaghi, F. 32409
Sinitsky, D. *see* Assaderaghi, F. 42332
Sinitsyn, A.P. *see* Domrachev, V.M. 7282
Sinitsyn, A.P. *see* Domrachev, V.M. 7280
Sinitsyn, A.P. *see* Domrachev, V.M. 36506
Sinitsyn, A.P. *see* Domrachev, V.M. 48461
Sinitsyn, D. *see* Afanas'ev, L. 13935
Sinitsyn, D.V. *see* Ionin, A.A. 55486
Sinitsyn, G.V. *see* Utkin, L.A. 14350
Sinitsyn, I.N. Conditionally optimal real-time filtering and recognition of signals in stochastic systems in the presence of autocorrelated noise in observations 34712
Sinitsyn, M.A. *see* Kaliteevski, M.A. 12397
Sinitsyn, N.I. *see* Gulyaev, Yu.V. 53897
Sinitsyn, N.I. *see* Gulyaev, Yu.V. 53953
Sinitsyn, N.I. *see* Zakharchenko, Yu.F. 53967
Sinitsyn, N.L. *see* Zakharchenko, Yu.F. 53959
Sinitsyn, S.V. Optimal tuning of the discriminator of the spectrometer channel in a Mossbauer experiment 49365
Sinitsyna, I.Z. *see* Krichtafovitch, I.A. 18682
Sink, K. *see* Bodtker, E. 6710
Sink, R.K., Keller, S., Keller, B.P., Babic, D.I., Holmes, A.L., Kapolnek, D., Wu, X.H., Speck, J.S., Denbaars, S.P., Bowers, J.E. Cleaved facets in GaN by wafer fusion of GaN to InP 24006
Sink, R.K. *see* Balsamo, S. 24023
Sinke, W.C. *see* Burgers, A.R. 12868
Sinke, W.C. *see* Burgers, A.R. 39006
Sinke, W.C. *see* Hylton, J.D. 32191
Sinke, W.C. *see* Hylton, J.D. 51562
Sinke, W.C. *see* Schuurmans, F.M. 32094

Sinke, W.C. *see* van Roosmalen, J.A.M. 39028
Sinke, W.C. *see* Weeber, A.W. 39005
Sinkevich, O.A. *see* Glazkov, V.V. 8274
Sinkevitch, V.F. *see* Vashchenko, A. 12262
Sinkevitch, V.F. *see* Vashchenko, V.A. 22253
Sinkevitch, V.F. *see* Vashchenko, V.A. 54165
Sinkevitch, V.F. *see* Vashchenko, V.A. 54693
Sinkevitch, V.F. *see* Vashkenko, V.A. 13012
Sinkkonen, J., Hovinen, A., Siirtola, T., Tuominen, E., Acerbis, M. Interpretation of the spectral response of a solar cell in terms of the spatial collection efficiency 39004
Sinkkonen, J. *see* Majamaa, T. 12755
Sinkkonen, J. *see* Tuominen, E. 61096
Sin'kov, M.V., Zakidal'skii, A.I., Roenko, N.V., Yanik, A.F. Parallel procedures for image reconstruction in computer tomography 59389
Sin'kov, M.V. *see* Kalinovskii, A.Ya. 52486
Sinkovic, V., Lovrek, I. Performance of genetic algorithm used for analysis of call and service processing in telecommunications 26017
Sinkovic, V., Lovrek, I. A model of massively parallel call and service processing in telecommunications 46864
Sinkovits, R.S., DeVore, C.R. Direct simulation Monte Carlo study of H/H_2 and $H/H_2/CO$ mixtures for diamond chemical vapor deposition 859
Sinkwitz, S. *see* Bruenger, W.H. 22715
Sinnadurai, N. Plastic packaging is highly reliable 30253
Sinnadurai, N. *see* Mullins, M. 36485
Sinnecker, E.H.C.P. *see* Kou, X.C. 3129
Sinnecker, J.P., Sato Turtelli, R., Badurek, G., Groessinger, R. Time evolution study of the domain structure in amorphous $Fe_{66}Co_{21}B_{15}$ and $Co_{77}B_{23}$ using dynamic 3D-neutron depolarization 3073
Sinnhofer, W. *see* Witte, F.-O. 17047
Sinno, D. *see* Chatfield, S. 9921
Sinno, T., Brown, R.A., von Ammon, W., Dornberger, E. On the dynamics of the oxidation-induced stacking-fault ring in as-grown Czochralski silicon crystals 54046
Sinnott, J. *see* Abe, K. 59233
Sinnott, R.O., Turner, K.J. Applying the architectural semantics of ODP to develop a trader specification 47178
Sinor, T. *see* Chaney, R. 59362
Sinsabaugh, S.L., Hall, S.E., Frater, J.T. Aluminum fuel cells for unmanned underwater vehicles 61288
Sinta, R. *see* Lindsay, T. 42820
Sinton, J.E. *see* Levine, M.D. 20099
Sinton, R.A., Cuevas, A., Stuckings, M. Quasi-steady-state photoconductance, a new method for solar cell material and device characterization 39204
Sintonen, L. Stabilizing protocol for a network of processors 35509
Sinyavskii, V.I., Vagizov, F.G., Manapov, R.A. Differential amplitude discriminator with digital/analog control 21544
Sinyavsky, G.P. *see* Lyapin, V.P. 11646
Sinyavsky, G.P. *see* Manuilov, M.B. 41410
Siohan, O., Yifan Gong A semi-continuous stochastic trajectory model for phoneme-based continuous speech recognition 15038
Siohan, P. *see* Pinchon, D. 15370
Siohan, P. *see* Pinchon, D. 45904
Siong Chng Eng *see* Eng Siong Chng
Siong Ng Kang *see* Ng Kang Siong
Sionov, A.B. *see* Baitin, A.V. 49265
Siores, E. *see* Chen, L. 20851
Siou Teck Chew *see* Radisic, V. 24583
Siouris, G.M., Guanrong Chen, Jianrong Wang Tracking an incoming ballistic missile using an extended interval Kalman filter 38160
Siove, A. *see* Romero, D.B. 3643
Sipahi, L. *see* Dalal, V. 39133
Sipe, J.E. *see* Chen, L.R. 58388
Sipe, J.E. *see* Eggleton, B.J. 16691
Sipe, J.E. *see* Hache, A. 22245
Sipe, T.E. *see* Fischer, G.L. 3540
Sipes, J.D. *see* Aprille, T.J. 16439
Sipes, J.D. *see* Aprille, T.J. 47427
Sipes, J.D. *see* Fenton, F.M. 16429
Sipila, O. *see* Stocker, A. 18250
Sipior, J., Carter, G.M., Lakowicz, J.R., Govind Rao Single quantum well light emitting diodes demonstrated as excitation sources for nanosecond phase-modulation fluorescence lifetime measurements 3626
Sipior, J. *see* Choa, F.S. 13867
Sipitca, M. Implications of a segmentation-based motion compensation scheme for the case of a block transform encoder 25375
Siponmaa, E. *see* Sarlund, J. 9552
Sipos, G. *see* Arenz, H. 13939
Sippel, R. *see* Hartmann, E. 51086
SippensGroenewegen, A. *see* Linnenbank, A.C. 59724
Sippy, V. *see* Memon, N. 56620
Sipr, O., Gyorffy, B.L. Andreev and normal reflections at normal metal-superconductor boundaries: limitations of the semiclassical approximation 43806
Sipser, M., Spielman, D.A. Expander codes 24686
Sipus, Z., Kildal, P.-S. Green's functions for corrugated surface derived by asymptotic corrugation boundary conditions 33931
Sipus, Z., Kildal, P.-S., Kishk, A.A. Green's functions for strip-loaded grounded dielectric slab derived without using Floquet mode expansion 31467
Sipus, Z., Kildal, P.-S., Salmonsson, J. Two-dimensional analysis of bandwidth of open hard surface 14572
Sipus, Z. *see* Kildal, P.-S. 34180
Sipus, Z. *see* Ulander, L.M.H. 26959
Siqueira, P.R., Sarabandi, K. Determination of effective permittivity for three-dimensional random media 34022
Siqueira, P.R. *see* Sarabandi, K. 56027
Siqueiros, J. *see* Ponce, L. 2057
Sira-Ramirez, H., Escobar, G., Ortega, R. On passivity-based sliding mode control of switched DC-to-DC power converters 40871
Sira-Ramirez, H., Ortega, R., Escobar, G. Lagrangian modeling of switch regulated DC-to-DC power converters 51153
Siracusa, R. *see* Raychaudhuri, D. 26333
Siracusa, R.J. *see* Raychaudhuri, D. 6089
Siracusa, R.J. *see* Raychaudhuri, D. 26517
Sirandi, M. *see* Marceau, R.J. 38211
Sirant, V.S. *see* Didkovskii, L.V. 43590
Sirard, M.L. *see* Gerner, S.D. 51475
Sirasao, A. *see* Chikodikar, M.Y. 53215
Sirat, J.A. *see* Canu, D. 57305
Sirbu, M. *see* Salgado-Galicia, H. 47577
Sirbu, M.A. Credits and debits on the Internet 35696
Sircar, P. *see* Mukhopadhyay, S. 18424
Siren, S., Egiazarian, K., Kuosmanen, P. Distance order statistic filtering using selection probabilities 24933
Sirenko, Y., Yashina, N. Numerical technique of non stationary electromagnetic theory 45037
Sirenko, Yu.M. *see* Lee, B.C. 41910
Sirgany, W.N. Interactive composite hypothesis testing with enhanced audio 4909
Sirianunpiboon, S. *see* Howard, S.D. 34906
Sirigos, J. *see* Fakotakis, N. 15080
Sirinaovakul, B. *see* Saengpongpaew, P. 10036
Siripala, W., Perera, L.D.R.D., De Silva, K.T.L., Jayanetti, J.K.D.S., Dharmadasa, I.M. Study of annealing effects of cuprous oxide grown by electrodeposition technique 32100
Siris, V. *see* Charmantzis, F.C. 46875
Sirisena, H.R. *see* Hartanto, F. 16171
Sirkis, J. *see* Chang, C.-C. 17431
Sirkis, J. *see* Chang, C.-C. 36617
Sirkis, J. *see* Chang, C.-C. 48595
Sirkis, J. *see* Davis, M.A. 36646
Sirkis, J.S. What does it take to be smart? 965
Sirkis, J.S. *see* Jones, R.T. 17407
Sirkis, J.S. *see* Jones, R.T. 48576
Sirkis, J.S. *see* Singh, H. 58774
Sirko, L., Koch, P.M., Blumel, R. Experimental identification of non-Newtonian orbits produced by ray splitting in a dielectric-loaded microwave cavity 53519
Sirlantzis, K. *see* Runnalls, A. 27106
Sirmulis, E. *see* Asmontas, S. 58745
Sirne, R.O. *see* Blanco, S. 28348
Sirnmo, L. *see* Sunemark, M. 49707
Sirohi, R.S., Mohan, N.K., Santhanakrishnan, T. Optical configuration for measurement in speckle interferometry 36884
Sirohi, R.S. *see* Mohan, N.K. 7618
Sirohi, R.S. *see* Santhanakrishanan, T. 59005
Sirohi, R.S. *see* Santhanakrishnan, T. 33758
Sirotkin, V. *see* Bondarenko, I. 31775
Sirotko, D.V. *see* Chubraeva, L.I. 50961
Sirou, F. *see* Cesarsky, C.J. 36548
Sirovica, D. *see* Cox, L.A., Jr. 46808
Sirovich, L. *see* Everson, R. 28648
Sirovich, L. *see* Manin, D. 28622
Sirringhaus, H., Meyer, T., Lee, E.Y., von Kaenel, H. Atomic scale variations of the STM tunneling distribution observed by ballistic-electron-emission microscopy 32072
Sirtori, C., Capasso, F., Faist, J., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Long-wavelength (9-11 μm) quantum cascade lasers 3906
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Long wavelength infrared ($\lambda \approx 11$ μm) quantum cascade lasers 14091
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Pulsed and continuous-wave operation of long wavelength infrared (λ=9.3 μm) quantum cascade lasers 14188
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Mid-infrared (8.5 μm) semiconductor lasers operating at room temperature 33538
Sirtori, C. *see* Capasso, F. 14180
Sirtori, C. *see* Capasso, F. 33573
Sirtori, C. *see* Capasso, F. 44475
Sirtori, C. *see* Capasso, F. 44561
Sirtori, C. *see* Scamarcio, G. 42222
Siruktkaitis, V., Grigonis, R., Gaizauskas, E., Piskarskas, A., Persson, A., Svanberg, S., Kohlweyer, S., Tsakiris, G.D. Efficient harmonic generation of femtosecond terawatt power Ti:sapphire laser pulses 44410
Sisalem, D., Schulzrinne, H. Binary congestion notification in TCP 5839
Sisalem, D., Schulzrinne, H. Congestion control in TCP: performance of binary congestion notification enhanced TCP compared to Reno and Tahoe TCP 57662
Sisan Shen *see* Lijuan Song 40570
Sishtla, C.I. *see* Erickson, D.S. 20022
Siskind, J.M. *see* Mann, R. 46412
Sisler, S.B. Photocluster productivity improvement 32330
Sisli, G., Akiu, A., Onaral, B. Multi-scale analysis of HRV data 37834
Sisnando, P.S.R. *see* de Menezes, L.R.A.X. 41425
Sisong Yen *see* Yen Sisong
Sisti, M. *see* Alessandrello, A. 48812
Sisto, R. *see* Durante, L. 5856
Sit, V.W.Y., Choy, C.S., Chan, C.F. Use of current sensing technique in designing asynchronous static RAM for self-timed systems 53279
Sit, W. *see* Reinhart, G.M. 21017
Sit Wing-Yun *see* Wing-Yun Sit
Sita, D. *see* Rao, M.N.V. 6943
Sita, L.R. *see* Dhirani, A. 41699
Sitar, Z. *see* Choi, W.B. 53919
Sitar, Z. *see* Davis, R.F. 21248
Sitar, Z. *see* Davis, R.F. 30828
Sitar, Z. *see* Dietrich, T. 40416
Sitar, Z. *see* Schlesser, R. 41744
Sitaram, A.R. *see* Chen, W.-M. 22615
Sitaram, A.R. *see* Hegde, R.I. 52768
Sitaraman, R. *see* Marengoni, M. 25463
Sitaraman, S.K. *see* Dunne, R.C. 1857
Sitaraman, S.K. *see* Michaelides, S. 9694
Sitarek, P. *see* Misiewicz, J. 2134
Sitbon, S., Blanc-Benon, P. Simultaneous detection and localization of dim targets in passive sonar 58488
Sitbon, S., Passerieux, J.M. New efficient target tracking based upon hidden Markov model and probabilistic data association 6993
Sitch, J. *see* Zhang, Q.M. 12899
Sitdhikorn, R. *see* Pookaiyaudom, S. 11571
Sitdhikorn, R. *see* Pookaiyaudom, S. 21521
Sites, J.R. *see* Granata, J.E. 39078
Sitkins, F. *see* Welch, R.H., Jr 9284
Sitkins, F. *see* Welch, R.H., Jr. 29342
Sitnikova, A. *see* Dmitriev, V. 10796
Sitnikova, A. *see* Dmitriev, V. 10880
Sittas, G. *see* Kiflawi, I. 42364
Sitte, W. *see* Holzinger, M. 27751
Sittel, S. Intrinsically safe operation and observation in the area of explosion hazard 136
Sitter, H. *see* Garcia-Rocha, M. 52707
Sitter, H. *see* Gutowski, J. 23917
Sitter, H. *see* Vasilevskiy, M.I. 52710
Siu, G.G., Ming Cheng, Cheng, L. Asymmetric apodization applied to linear arrays 45447
Siu, H.S. *see* Xiao, R.F. 23098
Siu, K.-Y. *see* Li, H. 25940
Siu, W.C. *see* Ghadiali, M.D. 35130
Siu, W.C. *see* Li, W. 24930
Siu, W.C. *see* Tak-Wai Shen 15905
Siu, Y.M., Chan, C.K., Ho, K.L. Real time teletext broadcast system performance enhancement using ghost rows 35684
Siu Cheung Hui *see* Wang, J. 56915
Siu Kai-Seung *see* Kai-Seung Siu
Siu Kai-Yeung *see* Kai-Yeung Siu
Siu Lun Ma, Schmidt, B. Difference sets corresponding to a class of symmetric designs 40055
Siu Lun Ma, Sehgal, S.K. A family of semi-regular divisible difference sets 56295
Siu Wan-Chi *see* Wan-Chi Siu
Siu-Pun Chui, Cheung-Fat Chan A hybrid input/output spectrum adaptation scheme for LD-CELP coding of speech 14978
Siu-Wai Chan *see* Schonenberg, K. 43251
Siu-Wai Mok, Mu-Zhong Wang, Kam-Chi Li Modified error correction/detection decoding scheme of binary Hamming codes 56358
Siury, K. *see* Rahner, D. 9483
Siury, K. *see* Rahner, D. 29586
Siury, K. *see* Rahner, D. 29590
Siushansian, R., LoVetri, J. Efficient evaluation of convolution integrals arising in FDTD formulations of electromagnetic dispersive media 33973
Siuzdak, J. Selected applications of fast image segmentation 46442
Siva Kumar, K. *see* Rahman, S. 29528
Sivakov, A.G. *see* Lukashenko, A.V. 13496
Sivakumar, K., Goutsias, J. Discrete morphological size distributions and densities: estimation techniques and applications 57416
Sivakumar, P.S. *see* Jacob, J. 53186
Sivakumar, R., Dimakopoulos, V.V., Dimopoulos, N.J. Rapid prototyping environment for the specification and automatic synthesis of controllers for interconnection routers 6187
Sivakumar, S. *see* Bohr, M. 41067
Sivalingam, K.M. *see* Jyh-Cheng Chen 46571
Sivaloganathan, S. *see* King, A. 49804
Sivan, U. *see* Prus, O. 22407
Sivananthan, S. *see* Almeida, L.A. 709
Sivananthan, S. *see* Almeida, L.A. 719
Sivananthan, S. *see* Wijewarnasuriya, P.S. 2305
Sivananthan, S. *see* Yoo, S.S. 7836
Sivaprakasapillai, P. *see* Chen, C.-Q. 56444
Sivaprakasapillai, P. *see* Chen Chang-Qian 15054

Sivaprakasapillai, P. *see* Haiyun Yang 4583
Sivaram, B.M. *see* Nair, P. 23825
Sivaram, B.M. *see* Nair, P. 33428
Sivaraman, M., Strojwas, A.J. Delay fault coverage: a realistic metric and an estimation technique for distributed path delay faults 10037
Sivaraman, M., Strojwas, A.J. Primitive path delay fault identification 53219
Sivaraman, M.S. Waveguides 47510
Sivaraman, S. *see* Subrahmanyah, R.V. 44230
Sivasamy, P. *see* Casey, S. 55047
Sivashanmugam, A. *see* Kumar, G. 9528
Sivashanmugam, A. *see* Thirunakaran, R. 9523
Sivasubramanian, V., Murthy, V.R.K., Viswanathan, B. Microwave dielectric properties of certain simple alkaline earth perovskite compounds as a function of tolerance factor 32607
Sivasubramanian, V., Rao, M.V., Murthy, V.R.K., Viswanathan, B. Influence of structure on the microwave dielectric properties of Ti substituted $(Ca,Sr)ZrO_3$ ceramics 2876
Sivasundaram, S. *see* Lakshmikantham, V. 10367
Sivco, D.L. *see* Capasso, F. 14180
Sivco, D.L. *see* Ghenim, L. 2183
Sivco, D.L. *see* Lin, L.Y. 6866
Sivco, D.L. *see* Scamarcio, G. 42222
Sivco, D.L. *see* Sirtori, C. 3906
Sivco, D.L. *see* Sirtori, C. 14091
Sivco, D.L. *see* Sirtori, C. 14188
Sivco, D.L. *see* Sirtori, C. 33538
Siverts, M.B. *see* Bergeld, T.J. 59334
Siverts, M.B. *see* Bergfeld, T.J. 59333
Sivertsen, J. *see* Xing Song 43684
Sivertsen, J.M., Geng Wang, Ga-Lane Chen, Judy, J.H. Evaluation of amorphous diamond-like carbon-nitrogen films as wear protective coatings on thin film media and thin film head sliders 32838
Sivertsen, J.M. *see* Kyusik Sin 43691
Sivertz, M., Berger, B.E., Ehrlich, R.D., Bartelt, J., Csorna, S.E., Jain, V., Marka, S., Kinoshita, K., Pomianowski, P. A compact gas Cherenkov detector with novel optics 37456
Siveski, Z. *see* Lizhi Zhong 34876
Siviniant, J. *see* Coquillat, D. 22366
Siviter, J. *see* Hill, C. 58232
Sivo, M. *see* Fiorini, R.A. 49713
Sivokobylenko, V.F., Abdelbasset, N. Diagnostics for squirrel-cage rotor asynchronous machines 60764
Sivokobylenko, V.F., Pavlyukov, V.A., Khalid, K. Equivalent circuits and startup characteristics of deep-slot asynchronous motors 50987
Sivokon, I.P. Summation of random errors 48278
Sivoththaman, S., Laureys, W., de Schepper, P., Nijs, J., Mertens, R. Rapid thermal processing of conventionally and electromagnetically cast 100 cm^2 multicrystalline silicon 39019
Sivoththaman, S. *see* Ghannam, M. 61085
Sivoththaman, S. *see* Horzel, J. 39009
Sivoththaman, S. *see* Nijs, J. 20038
Sivov, A. *see* Chuprin, A. 45104
Sivrioglu, S., Nonami, K. LMI approach to gain scheduled H_∞ control beyond PID control for gyroscopic rotor-magnetic bearing system 43732
Siwei Lu *see* Lu Siwei
Siweris, H. *see* Muller, J.-E. 41493
Siwiak, K. *see* Chen, T. 37898
Sixin Zhou *see* Zhou Sixin
Sixing Liu *see* Liu Sixing
Sixou, P., Magnaldo, A., Nourry, J., Laye, C. Adaptable and adaptive materials for light flux control 13539
Sixuan Jin *see* Jin Sixuan
Siy, P. *see* Talahmeh, S. 56433
Siyal, M.Y., Fathy, M. Triple RISC image operator for real-time image processing applications 5474
Size Yang *see* Yang Size
Sizek, H.W. *see* Smith, J.S. 52834
Sizelove, J.R. *see* Look, D.C. 54085
Sizheng Hu *see* Hu Sizheng
Sizov, A.S. *see* Alekseev, V.A. 17014
Sizov, F.F. *see* Kamuz, A.M. 3444
Sizov, F.F. *see* Teterkin, V.V. 54061
Sizov, O.V. *see* Prokof'ev, A.E. 43930
Sjelvgren, D. *see* Nilsson, O. 50808
Sjelvgren, D. *see* Nilsson, O. 60580
Sjerps-Koomen, E.A., Alsema, E.A., Turkenburg, W.C. A simple model for PV module reflection losses under field conditions 51607
Sjoberg, E.S., Harkness, L.L. Integrated circuit obsolescence and its impact on technology insertion definition for military avionics systems 8583
Sjoberg, E.S. *see* Harkness, L.L. 8255
Sjoberg, H., Manneberg, G., Cronhjort, A. Long-working-distance microscope used for diesel injection spray imaging 27949
Sjodin, T. *see* Li, C.M. 1980
Sjogren, L., Jones, W., Allen, B., Tait, D. A low-phase-error HEMT MMIC attenuator 31515
Sjoland, H., Mattisson, S. Intermodulation noise related to THD in wide-band amplifiers 31127
Sjoland, H., Mattisson, S. A novel class AB CMOS power amplifier 53040
Sjoqvist, L. *see* Wigstrom, L. 18283
Sjovall, R. *see* Imrell, T. 11026
Sjurdo, A.I. *see* Kortov, V.S. 37909
Skaar, D.L., Brown, W.L. Emphasizing some little-used theorems in introductory network analysis 9853
Skaar, S.B. *see* Gonzalez-Galvan, E.J. 57391
Skaarup, S. *see* Mogensen, M. 29615
Skaberna, S., Wieser, T., Kunze, U. Creation of a lateral potential modulation at the slope of an etched heterostructure with compensating pn layers 54233
Skachkov, V.S. *see* Lazarev, N.V. 49036
Skaf, A., Velez, J., Ferrari, A.B. Hardware digital implementation for a neural processor 11628
Skafidas, E., Evans, R.J., Logothetis, A. Data fusion by optimal sensor switching 25237
Skafidas, E., Percival, D.J., Evans, R.J. Robust estimation of ionospheric density using multisensor sounding data 28641
Skafidas, E. *see* Saleem, S.K. 45818
Skagerstam, B. *see* Elmfors, P. 33350
Skaggs, F., Arakawa, H., Doane, D., Dudasco, D., Streckmann, G. Automatic testing of the digital micromirror device™ (DMD™) 44302
Skakun, V.S. *see* Tarasenko, V.F. 23737
Skala, K. *see* Rogina, B.M. 11434
Skalak, T.C. *see* Wu, C.C. 49649
Skalka, M.S., Gash, W.L., Murrer, R.L., Jr., Woodard, R.A. Twenty years of hardware-in-the-loop simulation at Eglin Air Force Base, Florida--lessons learned 28502
Skalsky, M. *see* Ctyroky, J. 55253
Skanata, D. *see* Tomsic, Z. 19257
Skarbek, W. Dynamic behaviour of spatial signal OR-graphs 25291
Skarbek, W., Cichocki, A. Image associative memory by recurrent neural subnetworks 4954
Skarbek, W., Cichocki, A. Robust image association by recurrent neural subnetworks 15446
Skarbek, W., Ignasiak, K., Ghuwar, M. Fractal representation of planar shapes 35309
Skarbo, B.A. *see* Aleksandrov, A.V. 49205
Skare, J. Maintenance and inspection of explosion protected electrical apparatus on board ship 20771
Skarek, P., Varga, L.Z. Multi-agent cooperation for particle accelerator control 17899
Skarha, J. *see* Antos, J. 37373
Skaritka, J. *see* van Steenbergen, A. 49031
Skarlatos, D. *see* Tsoukalas, D. 54280
Skarlupina, A. *see* Galchenko, N. 45317
Skarp, J. *see* Niemi, E. 39066
Skarp, J.I., Soininen, P.J., Soininen, P.T. ALE-reactor for large area depositions 52716
Skarpaas, K. VIII. *see* Abe, K. 59233
Skarpetowski, G. Production of harmonics in converter traction drives 51772
Skarstad, P.M. Lithium/silver vanadium oxide batteries for implantable cardioverter-defibrillators 59804
Skasyrskii, Ya.K. *see* Kozlovskii, V.I. 12719
Skavantzos, A. *see* Abdallah, M. 1219
Skeaff, J.M. *see* Kirchnerova, J. 48737
Skeel, R.D., Guihua Zhang, Schlick, T. A family of symplectic integrators: stability, accuracy, and molecular dynamics applications 40211
Skeel, R.D. *see* Lopez-Marcos, M.A. 40186
Skees, A.H. *see* Foster, C.C. 49269
Skeldon, M.D. *see* Okishev, A. 27558
Skeldon, P. *see* Habazaki, H. 2340
Skellern, D.J., Lee, L.H.C., McDermott, T., Weste, N.H.E., Dalton, J., Graham, J., Wong, T., Myles, A.F., Percival, T.M.P., Ryan, P.J. A high-speed wireless LAN 35688
Skellern, D.J. *see* Haddy, J.R. 16487
Skelly, J. *see* Alessi, J.G. 49196
Skelton, E.F. *see* Grun, J. 42360
Skelton, E.F. *see* Qadri, S.B. 41902
Skelton, R.P., Webster, G.A. History effects on the cyclic stress-strain response of a polycrystalline and single crystal nickel-base superalloy 30964
Skettrup, T. *see* Dinca, A. 3935
Skevington, P.J. Managing changes in a complex world 16330
Skhiri, F., Montois, J.-J. Obstacle avoidance algorithm: a new approach avoiding local minimum and dead end situations 59002
Skianis, C.A., Kouvatsos, D.D. MRE solution of finite capacity polling systems with bursty arrivals 35404
Skiba, O.V. *see* Polyakov, A.S. 19502
Skibinski, G. Design methodology of a cable terminator to reduce reflected voltage on AC motors 29693
Skibinski, G., Erdman, J., Pankau, J., Campbell, J. Assessing AC motor dielectric withstand capability to reflected voltage stress using corona testing 29247
Skibinski, G., Pankau, J. Use of multi layer ceramic (MLC) capacitors in high power converters 38845
Skibinski, G. *see* Braun, D. 31100
Skibinski, G. *see* Busse, D. 29332
Skibinski, G. *see* Busse, D. 51681
Skibinski, G. *see* Busse, D. 61368
Skibinski, G. *see* Gilmore, T. 38937
Skibinski, G. *see* Kerkman, R. 29692
Skibinski, G.L. *see* Busse, D.F. 61117
Skibinski, G.L. *see* Saunders, L.A. 51646
Skibinskii, V.A. *see* Briksman, Ya.A. 20148
Skibinskii, V.A. *see* Kasatkin, V.P. 20147
Skibinskii, V.A. *see* Markin, V.V. 9655
Skibniewski, F. *see* Walichnowski, W. 59605
Skibniewski, F. *see* Walichnowski, W. 59611
Skibo, S. *see* Kessler, J. 39068
Skibo, S. *see* Kessler, J. 39094
Skibowski, M. *see* Gawlik, K.-U. 54081
Skidanov, R.V. *see* Soifer, V.A. 5627
Skidmore, J.A. *see* Beach, R.J. 14080
Skidmore, J.A. *see* Kopf, D. 23875
Skidmore, J.A. *see* Kopf, D. 33449
Skidmore, R.R., Rappaport, T.S., Abbott, A.L. Interactive coverage region and system design simulation for wireless communication systems in multifloored indoor environments: SMT Plus 47733
Skierbiszewski, C., Wisniewski, P., Litwin-Staszewska, E., Suski, T., Wilamowski, Z., Zakrzewski, A.K., Karczewski, G. Two-electron DX state in CdTe:In 12252
Skierbiszewski, C. *see* Knap, W. 54169
Skigekawa, N. *see* Ito, H. 22782
Skiles, J.J., Kustom, R.L., Ka-Pui Ko, Wong, V., Ka-Shu Ko, Vong, F., Klontz, K. Performance of a power conversion system for superconducting magnetic energy storage (SMES) 20094
Skiles, T. *see* Keegan, C.E. 59978
Skimoyama, T., Yokoyama, K. Localization and primary decomposition of polynomial ideals 30576
Skinnemoen, H. A codebook design method for fast VQ search 45643
Skinner, G.K. *see* Herring, J.R.H. 59203
Skinner, J.M., LaBarca, R.S., Sweet, R.M. A user-extensible graphical user interface for control of either instrument-control program, ACE or spec 36441
Skinner, J.P., Collins, P.J. A one-sided version of the Poisson sum formula for semi-infinite array Green's functions 45110
Skinner, M.I., Castillo, D., Cummings, S., Garrou, P.E., Rogers, W.B., Chazan, D., Liu, K., Reinschmidt, R., Westbrook, R., Chung Ho Twinstar - Dual Pentium© processor module 53846
Skinner, M.P., Castillo, D., Cummings, S., Garrou, P.E., Liu, K., Chazan, D., Reinschmidt, R., Westbrook, S., Ho, C., Rogers, W.B. Twinstar–dual Pentium(R) processor module 302
Skinner, M.P. *see* Liu, K. 12050
Skinner, N. *see* Fiaccabrino, G.C. 27509
Skinner, W.R. *see* McGill, M.J. 50041
Skinner, W.R. *see* McGill, M.J. 60060
Skipetrov, E.P., Nekrasova, A.N. Effect of electron irradiation on the electrophysical properties of n-$Pb_{1-x}Sn_xTe(x\approx2)$ alloys 54121
Skipidarov, S.Ya. *see* Sokolov, O.B. 32151
Skirtach, A.G., Simkin, D.J., Boothroyd, S.A. Theory of nondegenerate two-wave mixing in an absorptive Kerr medium 3985
Skirtach, K.G. *see* Aleshkevich, V.A. 3366
Skjaeris, S. *see* Pedersen, G.F. 47831
Skladal, P. *see* Steegborn, C. 36719
Sklansky, J., Vriesenga, M. Genetic selection and neural modeling of piecewise-linear classifiers 15669
Sklansky, J. *see* Bing-Bing Chai 15561
Skliar, A. *see* Rosenman, G. 1908
Skliar, A. *see* Rosenman, G. 32671
Skliar, M., Ramirez, W.F. Implicit Kalman filtering 56548
Skliros, A. Characterising the worst traffic profile passing through an ATM-UNI 6264
Sklodowski, M. *see* Jozwik, A. 15200
Sklyarchuk, E.F. *see* Kosyachenko, L.A. 42917
Sklyarchuk, V.M. *see* Kosyachenko, L.A. 42917
Sknarya, A.V. *see* Belov, A.N. 18870
Skochinski, E. *see* Ares, F. 34398
Skoczkowski, T. Induction heating 39429
Skoczylas, J. *see* Grzesiak, L.M. 9246
Skofic, J. Maintenance of the lighting navigation-aid system, secondary power supply and airport network installations 28584
Skofronick, G.M. *see* Gasiewski, A.J. 8442
Skog, G. *see* Hakansson, K. 49295
Skoglund, J. *see* Eriksson, T. 14976
Skoglund, M., Ottosson, T. Joint equalization and soft decoding for vector quantization over channels with intersymbol interference 4478
Skokljev, I., Kovacevic, B. The power system steady state estimation M-robust approach 19086
Skokljev, I., Mihailovic, M., Nedic, P., Kovacevic, B. The DCXLS spreadsheet load flow analysis 19063
Skokov, K.P. *see* Mishin, D.D. 55064
Skokov, K.P. *see* Pastushenkov, Yu.G. 3124
Skold, J. *see* Gudmundson, B. 35951
Skolnick, D. *see* Zatsman, A. 58054
Skolnick, M.S. *see* Cockburn, J.W. 31958
Skolnick, M.S. *see* Opher-Lipson, M. 12395
Skolnick, M.S. *see* Steer, M.J. 32010
Skolnick, M.S. *see* Teissier, R. 2108
Skolnick, M.S. *see* Tribe, W.R. 41901
Skolnick, M.S. *see* Wilson, L.R. 42110
Skolozdra, R. *see* Garcia-Landa, B. 3030
Skolozdra, R. *see* Garcia-Landa, B. 3053
Skomski, R. Spin-glass permanent magnets 3093
Skomski, R. *see* O'Donnell, K. 3127
Skoneczny, S. *see* Foltyniewica, R. 57533
Skoneczny, S. *see* Foltyniewicz, R. 57532
Skopec, A., Stec, C. Third harmonic influence on eddy current losses in the multidomain model of a ferromagnetic 13426
Skordev, G. *see* Allouche, J.-P. 52460
Skorek, A. *see* Citko, T. 19862
Skorin-Kapov, J. *see* Granot, F. 30518
Skormin, V.A., Tascillo, M.A., Busch, T.E. Demonstration of a jitter rejection technique for free-space laser communication 58303

Skorobogatov, P.K. *see* Nikiforov, A.Y. 22948
Skorobogatov, P.K. *see* Nikiforov, A.Y. 44845
Skorodumov, D.V. *see* Gridin, S.V. 49343
Skoropacki, W., Swiergot, F. Intrinsically safe power suppliers with artificial intelligence 61390
Skorospelova, V.I. *see* Danilov, S.V. 23493
Skorucak, A., Soutar, C. Selection criteria for spatial light modulator operating curves 3480
Skorupa, W., Heera, V., Pacaud, Y., Weishart, H. Ion beam processing of single crystalline silicon carbide 31882
Skorupa, W. *see* Barklie, R.C. 54365
Skorupa, W. *see* Lossy, R. 54364
Skorupa, W. *see* Pacaud, Y. 31884
Skorupa, W. *see* Pacaud, Y. 31885
Skorupa, W. *see* Perez-Rodriguez, A. 31936
Skorupa, W. *see* Perez-Rodriguez, A. 32120
Skorupa, W. *see* Serre, C. 12688
Skorupa, W. *see* Werner, P. 22532
Skorupa, W. *see* Yankov, R.A. 32116
Skoskiewicz, T. *see* Dietl, T. 2203
Skoskiewicz, T. *see* Grabecki, G. 12416
Skoskiewicz, T. *see* Grabecki, G. 42234
Skoskiewicz, T. *see* Jaroszynski, J. 12438
Skoskiewicz, T. *see* Sawicki, M. 12434
Skotheim, T. *see* Campos, R.A. 3617
Skotheim, T.A. *see* Geng, L. 36714
Skotnicki, T., Bouillon, P. Electrical performances of retrograde versus conventional profile MOSFETs 2648
Skotnicki, T. *see* Bouillon, P. 43293
Skotnicki, W. *see* Kim, Y. 8308
Skotnicky, W.I. *see* Kim, Y. 8347
Skotniczny, J. *see* Dziadecki, A. 29701
Skou, E. *see* Odgaard, M. 29623
Skou, N. *see* Lintz Christensen, E. 8311
Skou, N. *see* Madsen, S.N. 27017
Skouby, K.E. *see* Henten, A. 25991
Skourlas, C. *see* Perris, A. 8025
Skov, D. *see* Low, C. 26280
Skovoroda, A.R. *see* Shapo, B.M. 28188
Skovorodnikov, I.G. *see* Davydov, A.V. 60034
Skowronek, M., Ikhlef, A., Louvet, G., Romeas, P., Chuaqui, H., Kurilenkov, Y. X-ray spots emitted in a hollow cathode nanosecond discharge 22140
Skowronski, M. *see* Polyakov, A.Y. 2015
Skowronski, M. *see* Polyakov, A.Y. 30753
Skowronski, M. *see* Polyakov, A.Y. 52721
Skrabek, E.A. *see* Bennett, G.L. 38020
Skrba, Z. The implementation and evolution of SCADA system for transmission network in Ireland 19202
Skrbek, M., Snorek, M. An architecture for efficient implementation of neural networks 31453
Skrget, L. *see* Triep, M. 44894
Skriniarova, J. *see* Smanek, R. 12339
Skriniarova, J. *see* Waclawek, J. 27566
Skrinsky, A. Plasma wake-field acceleration 36988
Skrinsky, A. The Novosibirsk electron-positron colliders. Status and prospects 37032
Skrinsky, A. *see* Palmer, R.B. 17924
Skrinsky, A.N. Ionization cooling and muon collider 17929
Skrinsky, A.N. Polarized muon beams for muon collider 17978
Skrinsky, A.N. *see* Aleksandrov, A.V. 49205
Skrinsky, A.N. *see* Ando, A. 7771
Skrinsky, A.N. *see* Palmer, R.B. 17966
Skripkin, S.K. *see* Kler, A.M. 50764
Skripnik, A.V. *see* Belikov, A.V. 58781
Skripnik, Yu.A., Khimicheva, A.I. Linearization and stabilization of the conversion characteristics of a thermoelectric thermometer 36509
Skriver, H., Jiankang, J., Dall, J., Woelders, K., Thomsen, A. A multi-temporal and multi-frequency study of polarimetric signatures of soil and crops 27057
Skriver, H., Nielsen, F., Thomsen, A.. C- and L-band multi-temporal polarimetric signatures of crops 8320
Skrjanc, M. *see* Jager, F. 49624
Skrk, D. *see* Krizan, P. 59293
Skrlec, D., Krajcar, S., Pribicevic, B., Blagajac, S. Exploiting the power of genetic algorithm in optimization of distribution networks 8880
Skrlec, D. *see* Krajcer, S. 60324
Skrobis, R.J., Taylor, J.W., Engelstad, R.L. Bond mechanisms and bond strengths of solvent-welded PMMA sheets for use as deep X-ray resist in LIGA-type processing 22699
Skromme, B.J. *see* Morton, R. 12442
Skrynnik, B.K. *see* Ermak, G.P. 58972
Skrypczinski, J. High aspect ratio drilling of PCBs with micro drills 11964
Skrypnikov, S.N. *see* Kalashnikov, A.A. 19539
Skrypnikova, M.K. *see* Kalashnikov, A.A. 19539
Skryshevsky, V.A., Laugier, A., Strikha, V.I., Vikulov, V.A., Kaminski, A. Effect of porous silicon layer re-emission on silicon solar cell photocurrent 39011
Skrzeszewski, T., Bora, P., Zbierzchowski, B. FPGA-based arithmetics units 1258
Skrzypczak, J. DT-PLUS: reliable connection 1756
Skrzypczynski, P. *see* Wozniak, A. 7421
Skrzypkowiak, S.S., Jain, V.K. Formative motion estimation for translational, shear and zoom sequences 25368
Skubacz, T. Alcatel modern access solutions–radio systems 47397
Skubalska-Rafajlowicz, E., Krzyzak, A. Fast k-NN classification rule using metric on space-filling curves 5355
Skubic, M., Volz, R.A. Identifying contact formations from sensory patterns and its applicability to robot programming by demonstration 35207
Skubic, P. *see* Kagan, H. 37508
Skubic, P. *see* Shipsey, I. 59232
Skubic, P. *see* Spencer, M.B. 59274
Skubis, T., Klonz, M. Wide-band inductive voltage divider for ac voltage calibrations 27352
Skubis, T., Met, A., Kampik, M. Precise comparator for checking of group inductance standard 27290
Skubis, T. *see* Kampik, M. 27359
Skugarevskii, O.V. *see* Prudkovskii, P.A. 55933
Skuhov, D.Yu., Khodzhayev, K.Sh. Some properties of electrical circuits with nonlinear resistive elements 21469
Skulkin, S.P. Near-field measurements in the time domain 24555
Skulski, J. *see* Galwas, B.A. 17346
Skundin, A.M. Reversible Li intercalation into carbonaceous materials [for secondary cell electrodes] 9485
Skundin, A.M. A.N. Frumkin's contribution to the development of batteries 60983
Skundric, S., Kovacevic, D., Smak, F., Mikicic, S. Accuracy testing of instrument transformers in electrical power system installations 19814
Skupin, U. *see* Rossing, L. 27023
Skupsky, S. *see* Boehly, T.R. 14086
Skuras, E., Long, A.R., Larkin, I.A., Davies, J.H., Holland, M.C. Anisotropic piezoelectric effect in lateral surface superlattices 32001
Skurichina, M., Duin, R.P.W. Stabilizing classifiers for very small sample sizes 5585
Skutt, G., Lee, F.C. Examining flux distributions in ferrite magnetic structures 23381
Skvarc, J., Vodovnik, L., Suhel, P. Using brain waves for bioelectric control of machines 59597
Skvarch, Yu. *see* Zorin, G.N. 37482
Skvarenina, T.L., DeWitt, W.E. Student use of harmonic analysis meters in an undergraduate power laboratory 20574
Skvarenina, T.L., Pekarek, S., Wasynczuk, O., Krause, P.C., Thibodeaux, R.J., Weimer, J. Simulation of a More-Electric Aircraft power system using an automated state model approach 18708
Skvarenina, T.L., Wasynczuk, O., Krause, P.C., Won Zon Chen, Thibodeaux, R.J., Weimer, J. Simulation and analysis of a switched reluctance generator/More Electric Aircraft power system 18710
Skvor, Z. *see* Klusacek, V. 27866
Skvortsov, A.A. *see* Orlov, A.M. 54491
Skvortsov, E. *see* Bulatov, M.G. 8503
Skvortsov, M.N. *see* Bagayev, S.N. 27375
Skvortsov, V. Computer simulation of vacuum breakdown induced by hypervelocity impact 23214
Skvortsov, V. *see* Vogel, N. 23193
Skwarnicki, T. *see* Lane, K.D. 59215
Skyberg, B. *see* Runde, M. 9432
Skyberg, B. *see* Runde, M. 51426
Skyllas-Kazacos, M. *see* Zhong, S. 61029
Skyrabin, I.L. *see* MacFarlane, D.R. 23586
Skyrianoglou, D. *see* Passas, N.I. 26503
Skytt, P., Galnander, B., Nyberg, T., Nordgren, J., Isberg, P. Probe depth variation in grazing exit soft-X-ray emission spectroscopy 37580
Sla Ying *see* Li Su 57383
Slack, G.A. *see* Nolas, G.S. 2082
Slade, D. *see* Zhou, B. 19122
Sladen, F. *see* Barcelos, S. 13592
Slaev, V.A. *see* Mironovskii, L.A. 48280
Slagle, D. *see* Durand, S. 38653
Slama, J., Jancarik, V., Usak, E. Contribution to laminar effects in magnetic yokes 3232
Slama, J., Jancarik, V., Usak, E. The correlation between the complex permeability and the stray flux in the gaps between the laminations 23305
Slama-Belkhodja, I., De Fornel, B. Reduced order model of an induction motor drive: sensitivity study for an adaptive control 61149
Slamani, M.A., Alford, M., Ferris, D., Vannicola, V. Comparison of a wide variety of concealed weapon detectors 56649
Slamani, M.A., Weiner, D.D., Vannicola, V. A new statistical procedure for the segmentation of contiguous nonhomogeneous regions based on the Ozturk algorithm 15935
Slamani, M.Adel *see* Adel Slamani, M.
Slamani, Y. *see* Guilbert, F. 52374
Slambrook, G.A.Van *see* Van Slambrook, G.A.
Slamecka, E. Axial magnetic field vacuum interruptor. Contribution to the development 29478
Slane, S. *see* Croce, F. 29561
Slaney, A.J., Minter, V., Jones, J.C. Assessing ferroelectric materials for application in τV_{min} mode devices 44092
Slaney, M., Covell, M., Lassiter, B. Automatic audio morphing 15253
Slangen, P., Ienny, P., Nemoz-Gaillard, M. Speckle pattern correlation for local approach of damage evaluation 10994
Slanina, M. *see* Chiruta, M. 44980
Slaoui, A., Lachiq, A., Ventura, L., Muller, J.C. Rapid thermal dopants diffusion and surface passivation for silicon solar cells applications 29636
Slaoui, A., Lachiq, A., Venture, L., Muller, J.C. Selective emitter formation using optical thermal heating [of solar cells] 39190
Slaoui, A. *see* Lachiq, A. 20024
Slaoui, A. *see* Monna, R. 21312
Slaoui, A. *see* Monna, R. 30896
Slapnicar, I. Accurate computation of singular values and eigenvalues of symmetric matrices 40195
Slaten, D.M., Scott, B.N., Gordon, L.B. Techniques and applications of permittivity measurements 36846
Slater, C.O. *see* Ingersoll, D.T. 8118
Slater, C.O. *see* Ingersoll, D.T. 8125
Slater, D.A. *see* Luo, Y. 2372
Slater, D.B., Jr., Johnson, G.M., Lipkin, L.A., Suvorov, A.V., Palmour, J.W. Demonstration of a 6H-SiC CMOS technology 2835
Slater, D.B., Jr. *see* Levinshtein, M.E. 31890
Slater, D.J., Kumar, R.V., Fray, D.J. A bielectrolyte solid-state sensor which detects SO_3 independently of O_2. Implications for a SO_2 sensor 27752
Slater, G. *see* Wolf, W. 6388
Slater, M. The microprocessor today 11489
Slater, P. *see* Corda, J. 51431
Slater, P. *see* Corda, J. 60972
Slater, R., Healey, G., Sheu, P., Cotman, C.W., Su, J., Wasserman, A., Shankle, R. A machine vision system for the automated classification and counting of neurons in 3-D brain tissue samples 25478
Slater, S. *see* Krisa, W.L. 42842
Slater, S. *see* Lambert, D. 9953
Slatkin, D.N. *see* Wielopolski, L. 8121
Slattery, J.C. *see* Kuang-Yao Pong 2349
Slattery, K.P. Field distributions in a passenger vehicle 48800
Slattery, K.P. *see* Muccioli, J.P. 43200
Slattery, K.T. *see* Davis, M.A. 17441
Slattery, K.T. *see* Udd, E. 19378
Slattery, O. *see* O'Flaherty, M. 39828
Slattery, O. *see* Rosten, H.I. 52280
Slavica, M. *see* Sercer, M. 20978
Slavin, G.B. *see* Voropai, N.I. 50406
Slavin, V.S., Danilov, V.V., Sokolov, V.S. Closed cycle MHD generator with nonuniform gas-plasma flow driving recombinated plasma clots 20054
Slavnikov, V.S., Nesmelov, N.S., Slavnikova, M.M. Capacitance-voltage characteristic of MIS structures with allowance for depletion 12590
Slavnikova, M.M. *see* Slavnikov, V.S. 12590
Slavova, A. Stability analysis of cellular neural networks with hysteresis nonlinearity in the feedback system 31431
Slawska-Waniewska, A., Zuberek, R. Magnetic properties of FeZrB(Cu) amorphous alloys; the effect of boron content 23307
Slawska-Waniewska, A., Zuberek, R., Nowicki, P. Saturation magnetostriction of FeZrB(Cu) nanocrystalline alloys 3060
Slawska-Waniewska, A. *see* Malkinski, L. 3077
Sleat, W.E. *see* Reid, D.T. 48967
Slebarski, A., Jezierski, A., Zygmunt, A., Neumann, M., Maehl, S., Borstel, G. The crystallographic, magnetic and electronic properties of RM_2X_2 (R=La, Ce, Pr; M=Cu, Ni; X=Sn, Sb) 3158
Sleboda, T. A study of plated through-hole reliability of formaldehyde-based electroless copper depositions 31613
Sled, J. *see* Zijdenbos, A. 18502
Sled, J.G., Wells, B.W. An autonomous airship for the 1995 International Aerial Robotics Competition 59918
Sled, J.G. *see* Holmes, C.J. 18377
Sledziewski, J.M. *see* O'Keefe, M.F. 53599
Sleem-Ur-Rahman, Al-Saleh, M.A., Al-Zakri, A.S., Gultekin, S. Preparation of Raney-Ni gas diffusion electrode by filtration method for alkaline fuel cells 51552
Sleight, J. *see* Cheng-Liang Huang 13147
Sleight, J.W., Rios, R. A continuous compact MOSFET model for SOI with automatic transitions between fully and partially depleted device behavior 43101
Sleight, J.W. *see* Cheng-Liang Huang 43046
Sleight, J.W. *see* Deshpande, M.R. 31986
Sleiman, A., Thobel, J.L., Bourel, P., Dessenne, F., Fauquembergue, R. Monte Carlo study of diffusion phenomena in III-V modulation doped heterostructures 42081
Slempkes, S. *see* Talneau, A. 24290
Slempkes, S. *see* Talneau, A. 55614
Slemr, F. *see* Gulluk, T. 38056
Slenski, G. *see* Kuo, A.Y. 210
Sleptsov, V.V. *see* Bizyukov, A.A. 37198
Slepyan, G.Ya. *see* Maksimenko, S.A. 44630
Sletten, M. *see* West, J.C. 18887
Sletten, M.A., Trizna, D.B. An ultrawideband imaging radar for sea surface studies 19003
Sleytr, U.B. *see* Pum, D. 42861
Slights, D. Asset management systems for cable TV networks 48240
Sligo, J. *see* Derr, R. 59983
Sliker, G. *see* Ludman, J.E. 61086
Slingerland, A.M.R., Chimento, P.F., Hoeksema, F.W., Nicola, V.F. Some remarks on the determination of source traffic descriptors for complex sources 25909
Slinkman, J. *see* Voldman, S.H. 31278
Slinn, M. *see* Eastman, C. 25684
Slivken, S. *see* Hoff, J. 48521
Slivken, S. *see* Jelen, C. 27571

Sliwa, J.A., Marinko, M.S. Transcutaneous electrical nerve stimulator-induced electrocardiogram artifact. A brief report 8054
Sliwinski, G. *see* Cenian, A. 55509
Sliz, R. *see* Darwish, A. 24183
Sliz, R. *see* Darwish, A.M. 24272
Sloan, I.H. *see* Cools, R. 10431
Sloan, J. Cold computing: the future of high-speed processing 13121
Sloan, J.A. *see* Kirsch, J.C. 38157
Sloan, J.M. *see* Smith, W.F. 7254
Sloan, L.R. *see* Baca, A.G. 22885
Sloan, R., Yong, C.K., Davis, L.E. Broadband theoretical gyroelectric junction circulator tracking behavior at 77 K 21871
Sloan, T. *see* Chu, C.M. 37038
Sloan, T. *see* Ratoff, P.N. 28042
Sloane, N.J.A. *see* Calderbank, A.R. 56297
Slobadchikov, S.V., Russu, E.V., Salikhov, Kh.M. Temperature dependence of the photoresponse and photocurrent gain of the hybrid isotypic heterostructure p-InP-p-InGaAs with a Pd-p-InP Schottky diode 12330
Sloboda, R.S. *see* Yu, M.K. 49763
Sloboda, T. *see* Waibel, A. 14945
Slobodan, A. *see* Andonov, B.S. 61232
Slobodchikov, E., Jangseok Ma, Karnalov, V., Tominaga, K., Yoshihara, K. Cavity dumped femtosecond Kerr-lens mode locked chromium-doped forsterite laser 3783
Slobodchikov, E. *see* Guerreiro, P.T. 44420
Slobodchikov, S.V., Salikhov, Kh.N., Russu, E.V., Meredov, M.M., Yazlyeva, A.I. Electrical and photoelectric properties of a Pd-p^0-Si-p-Si structure with a disordered intermediate p^0 layer 44251
Slobodzian, E.V. *see* Smith, C.W. 43830
Slock, D.T.M. Spatio-temporal training-sequence based channel equalization and adaptive interference cancellation 26552
Slock, D.T.M. *see* De Carvalho, E. 25827
Slock, D.T.M. *see* Maouche, K. 4820
Slock, D.T.M. *see* Papadias, C.B. 25810
Slocum, D.B., Kraus, N.C., Brown, C.A. "LASSI"–Lagoon-Air-Sea-Sediment-Interaction system 50164
Slocum, D.B. *see* Sommerfeld, B.G. 50189
Slocum, M.B. *see* Freyer, G.J. 45188
Slocum, M.B. *see* Freyer, G.J. 49912
Slocum, M.B. *see* Hatfield, M.O. 45181
Slocumb, B.J. *see* West, P.D. 50277
Slocumb, R. *see* Hadizad, P. 60863
Sloman, A.W. Comment on "Modular digital boxcar for applications in pulsed laser spectroscopy" [Rev. Sci. Instrum. **66**, 3057 (1995)] 7162
Sloman, A.W., Buggs, P., Molloy, J., Stewart, D. A microcontroller-based driver to stabilize the temperature of an optical stage to within 1 mK in the range 4-38°C, using a Peltier heat pump and a thermistor sensor 17254
Slominski, M.M. *see* Saito, H. 35428
Slominskii, Yu.L. *see* Bezrodnyi, V.I. 23638
Slomka, S., Castellano, P., Barger, P., Sridharan, S., Narasimhan, V.L. A comparison of Gaussian mixture and multiple binary classifier models for speaker verification 45654
Slonaker, S. *see* Van den Brink, M. 2541
Slonczewski, J.C. Current-driven excitation of magnetic multilayers 3195
Slonim, J., Bauer, M. New ways of learning through the global information infrastructure 6154
Slonim, M.A., Rahovich, L.M. Maximum power point regulator for 4 kW solar cell array connected through invertor to the AC grid 29152
Slonim, M.A. *see* Katz, I. 51336
Sloot, J.G.J. *see* Meng, X.Z. 53731
Slooten, U.Van *see* Van Slooten, U.
Slopek, R., Leseberg, G., Jamal, A.-N. Power to the people [hydropower project] 50811
Slosiar, R. Exact results for an ATM multiplexer with infinite queue loaded with batch Markovian arrivals 5822
Slot, A.Bruins *see* Bruins Slot, A.
Slot, K., Kowalski, J., Pacholik, J., Debiec, P. Cellular neural network based VLSI architecture for image processing 31432
Slotboom, M. *see* Nezar, A. 22824
Sloth, B. *see* Hendon, E. 421
Slothouber, F.N.C. *see* Koonen, T. 58034
Slough, C.G. *see* Krishnamurthy, M. 21230
Slous, B. *see* Kean, T. 11426
Slowikowska, H., Slowikowski, J., Klimczak, T., Dukaczewski, J., Winiarska, A. Contribution to the qualitative and quantitative estimation of the PD effect on the surface layer of epoxy resins and composites 43570
Slowikowski, J. *see* Slowikowska, H. 43570
Slowinski, R. Rough set theory and its applications to decision aid 30491
Slowley, J. *see* Carter, S.J. 29120
Slugen, V. *see* Grone, R. 7852
Sluijs, F.J. *see* de Graaf, C. 41160
Sluijs, M.J.van der *see* van der Sluijs, M.J.
Sluis, L.van der *see* van der Sluis, L.
Sluis, P.van der *see* van der Sluis, P.
Slunecko, J., Holc, J., Kosec, M., Kolar, D. Thin film humidity sensor based on porous titania 48464
Slunecko, T. *see* Bergmann, H.W. 14493
Slupinski, T. *see* Wasik, D. 22232
Slurre, J. *see* de Haas, E. 36520
Slusarek, B., Bialo, D., Gromek, J., Kulesza, T., Paszkowski, L. Injection molding dielectromagnets from powder of meltspun ribbon Nd-Fe-B 13468
Slusarek, B. *see* Kordecki, A. 13467
Slusher, R.E. *see* Dodabalapur, A. 3633
Slusher, R.E. *see* Eggleton, B.J. 16691
Slusher, R.E. *see* Jordan, R.H. 3644
Slusher, R.E. *see* Jordan, R.H. 7498
Sluss, J.A. *see* Freire, S.L.S. 22376
Slutsker, I. *see* Beissler, G. 19144
Slutsky, B., Sun, P.C., Mazurenko, Y., Rao, R., Fainman, Y. Quantum cryptography for secret key generation using frequency-division long distance interferometry 4480
Slutz, S.A., Lockner, T.L., Humphries, S., Jr. Space-charge-neutralized ion induction linacs with cusp insulation 59109
Sluzky, E. *see* Russ, B.E. 13827
Sly, J.L. *see* Prins, A.D. 22226
Slyke, M.A.Van *see* Van Slyke, M.A.
Slyusarenko, A.I. *see* Adam, J. 59352
Slyusarev, S., Ikegami, T., Ohshima, S., Sakuma, E. Frequency measurement of accurate sidebands of an optical frequency comb generator 24154
Slyusarev, S., Ikegami, T., Ohshima, S., Sakuma, E. Experimental confirmation of the accurate performances of an optical frequency divider and an optical frequency comb generator 24208
Smagley, V.A. *see* Eliseev, P.G. 24009
Smagley, V.G. *see* Eliseev, P.G. 33492
Smailagic, A. *see* Amon, C. 258
Smak, F. *see* Skundric, S. 19814
Smakhtin, A.P., Rybakov, V.V. Comparative analysis of wireless systems as alternative to high-voltage power lines for global terrestrial power transmission 19269
Smakhtin, A.P. *see* Bourgasov, M.P. 18701
Smakhtin, V.P. *see* Akhmetshin, R.R. 37253
Smakhtin, V.P. *see* Logashenko, I.B. 37034
Smakhtin, V.P. *see* Vasiliev, Ya.V. 30688
Smakhtin, V.P. *see* Yudin, Yu.V. 37485
Smakovsky, Y. *see* Dubenkov, V. 18057
Smaldone, D. *see* Ambrico, M. 10865
Smaldone, D. *see* Ambrico, M. 21359
Smaldone, D. *see* Giardini, A. 903
Smalikho, I.N. *see* Banakh, V.A. 18849
Small, A.W., Downey, E.A. Orchestrating multiple changes: a framework for managing concurrent changes of varied type and scope 9964
Small, C. *see* Mansouri, J. 956
Small, G.J. *see* Reinot, T. 55846
Small, G.W. Refinements to the use of the NML calculable capacitor in relation to SI ohm determinations 17146
Small, G.W. *see* Rae Duk Lee 27270
Small, G.W. *see* Shaffer, R.E. 30533
Small, G.W. *see* Yang, J. 28235
Small, I. *see* Stanbridge, J. 17213
Small, M., Crook, D., Nikkel, E., Buck, D. Analysis of stress-driven delamination in contact vias 42721
Smallman, C.G., Connell, S.H., Madiba, C.C.P., Sellschop, J.P.F. 287 trapping of implanted hydrogen in type Ia diamond 12649
Smallwood, R.H. *see* Erol, R.A. 18455
Smallwood, R.H. *see* Marven, S.S. 18462
Smandek, B. *see* Juodkazis, S. 24106
Smarda, V. *see* Calabek, M. 29545
Smardz, L. *see* Chrzumnicka, K. 23353
Smart, D. *see* Evans, D. 52849
Smart, I.F. Times change–the safe certified solution [LV switchgear maintenance] 51412
Smathers, J.B. *see* DeMarco, J.J. 49759
Smayling, M.C. *see* Erdelyi, M. 2504
Smayling, M.C. *see* Erdelyi, M. 42848
Smayling, M.C. *see* Sengupta, C. 2513
Smeaton, G.P. *see* Aldridge, A.J. 61252
Smedes, T. *see* van der Meijs, N.P. 13084
Smedley, C. *see* Rippon, J.P. 9038
Smedley, K.M. *see* Smith, K.M. 51312
Smedley, K.M. *see* Smith, K.M., Jr. 51145
Smedley, K.M. *see* Zheren Lai 51144
Smedley, R. *see* Holmes, R. 1812
Smedley, S. *see* Demosthenous, A. 11629
Smedman, A.-S., Hogstrom, U., Bergstrom, H. Low level jets–wind energy siting in the Baltic Sea 29190
Smedman, A.-S. *see* Magnusson, M. 9139
Smeds, R. *see* Haho, P. 39701
Smeds, R. *see* Riis, J.O. 39638
Smee, J.E., Beaulieu, N.C. On the equivalence of the simultaneous and separate MMSE optimizations of a DFE FFF and FBF 35386
Smeets, R.P.P. *see* Binnendijk, M. 29475
Smegal, R.J., Landecker, T.L., Vaneldik, J.F., Routledge, D., Dewdney, P.E. Aperture synthesis polarimetry: application to the Dominion Radio Astrophysical Observatory synthesis telescope 58514
Smekalin, K. *see* Zhang, G. 44492
Smertin, O. *see* Burneika, I. 45304
Smet, H.De *see* De Smet, H.
Smetanin, I.V. *see* Belenov, E.M. 14294
Smetanin, I.V. *see* Isakov, V.A. 14404
Smetanin, I.V. *see* Oraevsky, A.N. 55744
Smetanin, L.V. *see* Oraevsky, A.N. 33586
Smetona, S. *see* Palenskis, V. 2258
Smets, G. *see* Gaver, W.W. 47377
Smeulders, A.W.M. *see* de Boer, C. 5598
Smeys, P., Griffin, P.B., Rek, Z.U., De Wolf, I., Saraswat, K.C. The influence of oxidation-induced stress on the generation current and its impact on scaled device performance 42555
Smeys, P., Griffin, P.B., Saraswat, K.C. Influence of post-oxidation cooling rate on residual stress and pn-junction leakage current in LOCOS isolated structures 2351
Smick, T.H. *see* Allen, L.P. 12653
Smid, J., Volf, P. Dynamics extraction from a neural network time series model 53500
Smid, J. *see* Robert, A. 8733
Smiddy, P.F., Quinn, A.D., Freyne, P.J., Marsh, D., Murphy, J.M. Dose reduction in double contrast barium enema by use of low fluoroscopic current 7897
Smidt, P.J.M., Duarte, J.L. An unity power factor convertor without current measurement 60879
Smidts, C., Shen, S.H., Mosleh, A. The IDA cognitive model for the analysis of nuclear power plant operator response under accident conditions. I. Problem solving and decision making model 38493
Smidts, C. *see* Mosleh, A. 9079
Smidts, C. *see* Song-Hua Shen 38474
Smigielski, K. *see* Sasala, R.A. 39081
Smilgies, D.-M., Feidenhans'l, R., Scherb, G., Kolb, D.M., Kazimirov, A., Zegenhagen, J. Formation of tilted clusters in the electrochemical deposition of copper on n-GaAs(001) 32241
Smilowitz, L., Jia, Q.X., Yang, X., Li, D.Q., McBranch, D., Buelow, S.J., Robinson, J.M. Imaging nanometer-thick patterned self-assembled monolayers via second-harmonic generation microscopy 44636
Smirl, A.L. *see* Bolger, J.A. 2218
Smirnitskii, V.B. *see* Gladysheva, L.G. 3883
Smirnitskii, V.B. *see* Timofeev, F.N. 58338
Smirnitskil, A.V. *see* Akimov, V.A. 28024
Smirnov, A.I. *see* Kravtsov, Yu.A. 8426
Smirnov, A.I. *see* Zaboronkova, T.M. 45422
Smirnov, A.P. Requirements imposed on the anechoic factor of anechoic chambers when measuring backscattering patterns 14638
Smirnov, A.S. *see* Kosarev, A.I. 30918
Smirnov, A.V. A coupled wind-internal wave system 8480
Smirnov, A.Y. *see* Pletner, Yu.D. 45263
Smirnov, B.M. Determination of the Poisson parameters of a moving object 4200
Smirnov, E.M. *see* Molebny, V.V. 7977
Smirnov, G., Veshutkin, V., Radau, U., Maksimova, L., Kostjunin, A., Donchenko, E., Petrov, S., Mitrofanov, N., Chernov, V., Karpovskiy, V. Hand dynamometers set and their application in the clinic practice 18190
Smirnov, G. *see* Akimov, D. 59257
Smirnov, G. *see* Bolozdynya, A. 49324
Smirnov, G.N. *see* Akimov, D.Yu. 37245
Smirnov, G.V. *see* Burtsev, A.V. 3771
Smirnov, K.V. *see* Verevkin, A.A. 2098
Smirnov, M. The multicast agent technology: Motivation. Introduction. Analysis 6243
Smirnov, M. *see* Schulzrinne, H. 26185
Smirnov, M.V., Korolev, A.N. Phase modulation method of evaluation for optic-electronic system resolution evaluating under the real image 15766
Smirnov, N.I. *see* Rodimov, A.P. 4754
Smirnov, O.Yu. *see* Golubchikov, A.V. 18091
Smirnov, S.A. Measurement photography 35286
Smirnov, S.N. *see* Musinova, Yu.V. 36840
Smirnov, T.V. *see* Khasanov, O.K. 44717
Smirnov, V.A. *see* Alpat'ev, A.N. 55544
Smirnov, V.A. *see* Westerov, L.A. 33625
Smirnov, V.I. Metrological analysis of two-component systems for laser Doppler anemometry of turbulent flows 17867
Smirnov, V.I. Automated two-component laser Doppler anemometer for measuring turbulence parameters in a gas stratification wind tunnel 48370
Smirnov, V.V. *see* Huisken, F. 24174
Smirnov, V.V. *see* Tron, A.M. 49119
Smirnov, Yu.A. *see* Veledinskii, A.N. 29041
Smirnov, Yu.V. Determination of the characteristics of three-phase low-power induction motors 9236
Smirnova, A.L. *see* Bezrodnyi, V.I. 23638
Smirnova, E.P. *see* Yushin, N.K. 23164
Smirnova, G. *see* Gevorkyan, A. 27276
Smirnova, I.A. *see* Brylevsky, V.I. 51404
Smirnova, L.A. *see* Kopp, V.I. 14347
Smirnova, N.N. *see* Averkiev, N.S. 32098
Smirnova, N.Yu. *see* Andreev, A.N. 12677
Smirnova, N.Yu. *see* Andreev, A.N. 52604
Smirnova, T.N. *see* Karpov, G.M. 14464
Smirnova, T.N. *see* Karpov, G.M. 14475
Smirnova, T.N. *see* Karpov, G.M. 24304
Smit, I. Eskom National Power Quality Measurement Project: voltage depressions (dips/sags) 19426
Smit, J., Bosma, M. On the energy complexity of algorithms realized in CMOS, a graphics example 11481
Smit, J., Bosma, M. Graphics algorithms on field programmable function arrays 11482
Smit, J.J. *see* Faremo, H. 2967
Smit, J.J. *see* Meijer, S. 43457
Smit, L.H.E., Joubert, J. On the accuracy of the equivalent network model of a stripline T junction 21884

Smit, M.K., Van Dam, C. PHASAR-based WDM-devices: Principles, design and applications 47945
Smit, M.K. *see* Cailin Wei 55297
Smit, M.K. *see* Leijtens, X.J.M. 44310
Smit, M.K. *see* Pennings, E. 44049
Smit, M.K. *see* Pennings, E.C.M. 44060
Smit, M.K. *see* Spiekman, L.H. 24027
Smit, M.K. *see* Spiekman, L.H. 26430
Smit, M.K. *see* Spiekman, L.H. 26927
Smit, M.K. *see* Steenbergen, C.A.M. 16742
Smit, M.K. *see* van Dam, C. 26931
Smit, M.K. *see* van Dam, C. 33060
Smit, M.K. *see* van Dam, C. 33096
Smit, M.K. *see* Van Dam, C. 47980
Smit, M.K. *see* Verbeek, B.H. 16739
Smit, M.K. *see* Vreeburg, C.G.M. 26871
Smit, M.W. *see* Bunkofske, R.J. 32519
Smith, A. *see* Cassell, R. 59999
Smith, A. *see* Castaldo, R. 18751
Smith, A. *see* Shutt, T. 37472
Smith, A. *see* Williamson, S. 24422
Smith, A.C., Wong, A.K.B. Performance of line-start single phase permanent magnet motors for domestic applications 29897
Smith, A.D., Riley, J.R. Signal processing in a novel radar system for monitoring insect migration 7178
Smith, A.D. *see* Royo, F. 12403
Smith, A.E. *see* Coir, D.W. 10364
Smith, A.E. *see* Coit, D.W. 52352
Smith, A.E. *see* Deeter, D.L. 57687
Smith, A.E. *see* Dengiz, B. 57803
Smith, A.G. A hypercube structure for the analysis of high-fold γ-ray data 37537
Smith, A.J. *see* Carpenter, D.L. 45140
Smith, A.L., Mee, D.J. Dynamic strain measurement using piezoelectric polymer film 31022
Smith, A.M., Bata, R., McLaughlin, L., Lyons, D. The national alternative fuels training program 20618
Smith, A.M., Fink, D., Hotchkis, M.A.C., Jacobsen, G.E., Lawson, E.M., Tuniz, C., Sacchi, E., Louvat, D., Zuppi, G.M., Bonetti, R. Recent developments at the ANTARES AMS centre 49348
Smith, A.N. *see* Ribando, R.J. 20482
Smith, A.R. *see* Anand, A.K. 29117
Smith, A.R. *see* Kazansky, P.G. 13629
Smith, A.V. *see* Armstrong, D.J. 24126
Smith, A.V. *see* Armstrong, D.J. 44659
Smith, A.V. *see* Armstrong, D.J. 44679
Smith, A.V. *see* Armstrong, D.T. 4024
Smith, A.V.W. *see* Sako, H. 5637
Smith, A.W., Brennan, K.F. Non-parabolic hydrodynamic formulations for the simulation of inhomogeneous semiconductor devices 2565
Smith, A.W. *see* Parks, J.W. 13844
Smith, B. Shimano puts customer service in high gear [computer telephony system] 16191
Smith, B. *see* Acuna, M.H. 38011
Smith, B. *see* Adam, A. 37280
Smith, B. *see* Alexeev, G. 59200
Smith, B. *see* Cappiello, M.W. 18063
Smith, B. *see* Goosey, M. 11981
Smith, B.C. *see* Wood, A.R. 50519
Smith, B.D. *see* Randall, J.N. 22896
Smith, B.P. *see* Li, J. 59739
Smith, B.R., Linney, E., Huff, D.S., Johnson, G.A. Magnetic resonance microscopy of embryos 18313
Smith, B.S. *see* Stella, P.M. 38001
Smith, B.T., Mulcahey, M.J., Betz, R.R. Development of an upper extremity FES system for individuals with C4 tetraplegia 18536
Smith, B.V. *see* Alwi, H.A.B. 38128
Smith, B.V. *see* Wang, L. 38044
Smith, B.W., Alam, Z., Butt, S., Kurinec, S., Lane, R.L., Arthur, G. Development and characterization of nitride and oxide based composite materials for sub 0.18 μm attenuated phase shift masking 42841
Smith, B.W., Borel, C.C., Clodius, W.B., Theiler, J., Laubscher, B., Weber, P.G. End-to-end performance modeling of passive remote sensing systems 18809
Smith, B.W., Butt, A.S., Alam, Z., Kurinec, S., Lane, R.L. Attenuated phase shift mask materials for 248 and 193 nm lithography 22667
Smith, B.W. *see* Rizvi, N.H. 2540
Smith, C.A., Burnham, K.J., James, D.J.G. Enhanced self-tuning control with application to a combined heat and power system 38597
Smith, C.A. *see* Goodwin, T.J. 2023
Smith, C.E., Richards, C.A., Brandt, S.A., Papanikolopoulos, N.P. Visual tracking for intelligent vehicle-highway systems 5025
Smith, C.E. *see* Dai, S. 34154
Smith, C.E. *see* Elsherbeni, A.Z. 1685
Smith, C.G. *see* Field, M. 2734
Smith, C.G. *see* Liang, C.-T. 54190
Smith, C.H.Llewellyn *see* Llewellyn Smith, C.H.
Smith, C.J.M. *see* Krauss, T.F. 44001
Smith, C.L., Fowler, R.D. SAPHIRE 'Recover Cut Sets' editor: a technique for automating the manipulation of PRA cut sets 9973
Smith, C.L. *see* Vuori, T.A. 57422
Smith, C.W., Reinertson, R.C., Slobodzian, E.V., Dolan, P.J., Jr. Inelastic scattering in normal metal/superconductor point contacts 43830
Smith, C.W. *see* Al-Affan, I.A.M. 18569
Smith, D. You can troubleshoot EFT problems 34118
Smith, D. *see* Barth, J. 24350
Smith, D. *see* Bernstein, B.B. 50222
Smith, D. *see* Carter, B. 18671
Smith, D. *see* Chang, K.W. 41483
Smith, D. *see* Culbertson, B. 49962
Smith, D. *see* DeCara, P. 49963
Smith, D. *see* DeCara, P. 49964
Smith, D. *see* Deley, M. 53784
Smith, D. *see* Geen, D. 34342
Smith, D. *see* Hirsch, M. 50666
Smith, D. *see* Keen, K.M. 56146
Smith, D.A., Nichols, C.S. Polycrystalline semiconductors: structure-property relationships 12193
Smith, D.A. *see* Huang, S.H. 33168
Smith, D.A. *see* Jackel, J.L. 3496
Smith, D.A. *see* Jin-Xing Cai 58380
Smith, D.A. *see* Rashid, H. 26932
Smith, D.C. An investigation into the performance of the IEC 1000-4-4 capacitive clamp 24501
Smith, D.C. *see* Haynes, R.B. 45202
Smith, D.C. *see* Wang, C.-K. 42679
Smith, D.D., Aiken, D.J., Barnett, A.M. Surface recombination at the Si/SiO_2 overgrowth interface 39033
Smith, D.D. *see* Aiken, D.J. 39034
Smith, D.G. *see* Veitch, P.A. 5886
Smith, D.G. *see* Veitch, P.A. 25980
Smith, D.J. HDL basic training: top-down chip design using Verilog and VHDL 31185
Smith, D.J. HDL tools of the trade 32505
Smith, D.J., Tsen, S.-C.Y., Sverdlov, B.N., Martin, G., Morkoc, H. Stacking mismatch boundaries in GaN: implications for substrate selection 31861
Smith, D.J. *see* Almeida, L.A. 709
Smith, D.J. *see* Almeida, L.A. 719
Smith, D.J. *see* Bair, A.E. 54430
Smith, D.J. *see* Kouvetakis, J. 21256
Smith, D.J. *see* Martin, G.A. 21254
Smith, D.J. *see* Sverdlov, B.N. 21269
Smith, D.K. *see* Little, S.A. 18905
Smith, D.L. Exercises, projects, and solutions for a microprocessor-electronic interfacing laboratory course sequence 20575
Smith, D.L. Steady state model for polymer light-emitting electrochemical cells 33286
Smith, D.L., Alimonda, A.S. A new flip-chip technology for high-density packaging 225
Smith, D.L., Kogan, S.M. Theory of ballistic-electron-emission microscopy of buried semiconductor heterostructures 2114
Smith, D.L. *see* Campbell, I.H. 22443
Smith, D.L. *see* Mazarakis, M.G. 17897
Smith, D.L. *see* Mazarakis, M.G. 37078
Smith, D.L. *see* Mazarakis, M.G. 37152
Smith, D.S., Howe, D., Jewell, G.W. Limited motion actuators for automotive applications 29860
Smith, D.T., DeLong, T.A., Johnson, B.W., Profeta, J.A., III An algorithm based fault tolerance technique for safety-critical applications 52104
Smith, E. A survey on high-level Petri-net theory 30488
Smith, E. *see* Prabhu, A.S. 30230
Smith, E.C. *see* Barrett, C.P. 13764
Smith, E.C. *see* Matsuda, H. 55836
Smith, E.C. *see* Tylka, A.J. 28557
Smith, E.R. *see* Hubley-Kozey, C.L. 59722
Smith, E.T. *see* Lenef, A. 27913
Smith, F.J. *see* Ji Ming 24863
Smith, F.J. *see* O'Boyle, P. 14889
Smith, F.T.J. *see* Ingle, N.K. 911
Smith, F.W. *see* Yin, Z. 41882
Smith, G. Lithium charges into the future of battery technology 29529
Smith, G., Dammert, P.B.G., Askne, J. Decorrelation mechanisms in C-band SAR interferometry over boreal forest 48114
Smith, G. *see* Askne, J.I.H. 28675
Smith, G. *see* Shutt, T. 37472
Smith, G. *see* Veitch, P. 25844
Smith, G.D. *see* Edwards, H.S. 37937
Smith, G.D. *see* Kapsalis, A. 36305
Smith, G.D.W. *see* Usherwood, T.W. 32829
Smith, G.H., Novak, D., Ahmed, Z. Technique for optical SSB generation to overcome dispersion penalties in fibre-radio systems 26781
Smith, G.H. *see* Ebenstein, S.E. 337
Smith, G.L. *see* Manalo-Smith, N. 8297
Smith, G.M. *see* Crook, A.C. 44058
Smith, G.M. *see* Curran, P.J. 50233
Smith, G.M. *see* Dragic, P.D. 18943
Smith, G.M. *see* Lammert, R.M. 16820
Smith, G.S. *see* Maloney, J.G. 56091
Smith, G.S. *see* Montoya, T.P. 34348
Smith, G.T. *see* Olesen, S.P. 7999
Smith, G.T. *see* Thie, J.A. 28211
Smith, G.W. Controlled impedance design in memory sub-systems 41613
Smith, G.W. *see* Sazio, P.J.A. 22537
Smith, G.W. *see* Sazio, P.J.A. 32140
Smith, H., Cases, M. Wiring rule methodology for on-chip interconnects 42708
Smith, H. *see* Deutsch, A. 43289
Smith, H. *see* Katopis, G. 39813
Smith, H. *see* Rotvig, J. 32033
Smith, H. *see* Ruth, R.D. 49165
Smith, H. *see* Vacchione, J. 34326
Smith, H.E. *see* Rokni, S.H. 8216
Smith, H.H. *see* Dansky, A.H. 41222
Smith, H.I. A proposal for maskless, zone-plate-array nanolithography 32295
Smith, H.I. *see* Berman, D. 54724
Smith, H.I. *see* Ferrera, J. 22726
Smith, H.I. *see* Goodberlet, J. 42873
Smith, H.I. *see* Moon, E.E. 22720
Smith, H.I. *see* Yang, I.Y. 22727
Smith, H.V., Jr., Allison, P., Schneider, J.D., Stelzer, J.E., Stevens, R.R., Jr. Evaluation of a simple method for chopping Penning surface-plasma source H^- beams 37060
Smith, H.V., Jr *see* Sherman, J.D. 49174
Smith, I.D. *see* Sethian, J.D. 51265
Smith, I.R., Kettleborough, J.G., Gregory, K., Vadher, V.V., Ng, K.K. Performance prediction of a ship's power system 60187
Smith, I.R. *see* Antunes, F.L.M. 19760
Smith, I.R. *see* Novac, B.M. 9360
Smith, I.R. *see* Vadher, V.V. 61330
Smith, I.W., Sharp, R.C., Ruiz, J.A., O'Connell, M., Kelsey, A., Davis, S.E., Chu, S.-L.G., Brunel, A., Tabatabaie-Alavi, K. Demonstration of photonically controlled GaAs digital/MMIC for RF optical links 23718
Smith, J., Delaney, T. Marcel: a MIME prototype study in electronic information delivery 46990
Smith, J. *see* Makin, J. 49807
Smith, J.A., Chauhan, N.S., Ballard, J. Remote sensing of land surface temperature: the directional viewing effect 8385
Smith, J.A.S. *see* Rowe, M.D. 8600
Smith, J.C., Athanasiu, L. Experience shows in steam generator replacement 9006
Smith, J.C., Berven, C., Goodnick, S.M., Wybourne, M.N. Nonequilibrium random telegraph switching in quantum point contacts 12478
Smith, J.C., Lien, M., Veeraraghavan, S. An ESD protection circuit for TFSOI technology 22822
Smith, J.C. *see* Wybourne, M.N. 32466
Smith, J.D. *see* Kanda, H. 12001
Smith, J.D. *see* LaBranche, M.H. 61294
Smith, J.D.B. *see* Schoch, K.F., Jr. 9173
Smith, J.D.H. *see* Hsu, F.-L. 34613
Smith, J.D.H. *see* Hummer, F.A. 34615
Smith, J.E., Bartley, M., Fogarty, T.C. Microprocessor design verification by two-phase evolution of variable length tests 53330
Smith, J.E. *see* Rotenberg, E. 21714
Smith, J.J., Leung, Y.H., Cantoni, A. Broadband eigenvector methods for towed array shape estimation with a single source 27099
Smith, J.L. Alias and the modulation transfer function: Standardizing definitions for focal plane arrays 17534
Smith, J.L. Fast slit-scan method for MTF and MRTD characterization in the HITL environment 28696
Smith, J.L., Evans, D.H., Fan, L., Bell, P.R.F., Naylor, R. Differentiation between emboli and artefacts using dual-gated transcranial Doppler ultrasound 28090
Smith, J.L., Evans, D.H., Naylor, A.R. Signals from dual gated TCD systems: curious observations and possible explanations 49555
Smith, J.L. *see* Jia, Q.X. 54944
Smith, J.L., Jr. *see* Nellis, G.F. 51877
Smith, J.M. *see* Tennenhouse, D.L. 25971
Smith, J.MacGregor *see* MacGregor Smith, J.
Smith, J.N., Jr. *see* Van Hagan, T.H. 18688
Smith, J.O. *see* Rocchesso, D. 25006
Smith, J.P. *see* Chappel, D.C. 22572
Smith, J.P. *see* Griffin, N. 42087
Smith, J.R. Field mice: extracting hand geometry from electric field measurements 17246
Smith, J.R., Comiskey, B.O. Modulation and information hiding in images 25671
Smith, J.R., Shih-Fu Chang Automated binary texture feature sets for image retrieval 25414
Smith, J.R. *see* Park, Y.D. 49587
Smith, J.R. *see* Zimmerman, T.G. 48801
Smith, J.S., Weber, J.H., Sizek, H.W. Control of stress-accelerated oxygen-assisted cracking of INCOLOY(R) alloy 908 sheath for Nb_3Sn cable-in-conduit 52834
Smith, J.W.R. Electrical rotating plant–condition monitoring 50921
Smith, J.W.R. Generator and HV motor stator winding insulation condition monitoring–a users experience 60686
Smith, K., Gahagan, D., Hayden, L. Probe cards test high-speed, multifunction ICs 39745
Smith, K., Palaniswami, M. Static and dynamic channel assignment using neural networks 26606
Smith, K. *see* Amendolia, S.R. 37346
Smith, K. *see* Cotter, D. 26442
Smith, K. *see* D'Auria, S. 59251
Smith, K. *see* Gunning, P. 26897
Smith, K. *see* Lucek, J.K. 23619
Smith, K. *see* Lucek, J.K. 26777
Smith, K.A. Design of an introductory engineering course 20626
Smith, K.B. *see* Ho, C.H. 14711
Smith, K.B. *see* Ho, C.H. 36288
Smith, K.B. *see* Shumaker, P.K. 36290
Smith, K.C. *see* Rooks, S. 39883
Smith, K.C.A. *see* Brown, P.D. 31726
Smith, K.D. *see* Broadbent, A.J. 43861
Smith, K.D. *see* Broadbent, A.J. 55131
Smith, K.D. *see* Broadbent, A.J. 55132

Smith, K.M. Progress in diamond and GaAs detectors 7804
Smith, K.M. GaAs detector status 37379
Smith, K.M., Smedley, K.M. Intelligent magnetic amplifier controlled soft-switching method for amplifiers/inverters 51312
Smith, K.M. *see* Chmill, V.B. 37223
Smith, K.M., Jr., Smedley, K.M. A comparison of voltage-mode soft-switching methods for PWM converters 51145
Smith, K.R. *see* Stoebe, T.G. 8198
Smith, K.S., Ran, L., Mowatt, L.G., Penman, J. Braking operation of marine electrical propulsion systems 29818
Smith, K.S., Ran, L., Penman, J. Dynamic modelling of a unified power flow controller 38275
Smith, K.S. *see* Hansen, D. 45228
Smith, K.S. *see* Radasky, W.A. 45229
Smith, K.V. *see* Liu, Q.Z. 40305
Smith, L. Number portability pileup 46951
Smith, L.K. *see* Marshall, C.D. 14083
Smith, L.L., Bremser, M.D., Carlson, E.P., Weeks, T.W., Jr., Huang, Y., Kim, M.J., Carpenter, R.W., Davis, R.F. Ohmic contact formation to doped GaN 12542
Smith, L.L. *see* King, S.W. 12781
Smith, L.M., Jones, A.C., Rushworth, S.A. Metalorganic precursors for ZnSeS MOVPE: requirements and future developments 21238
Smith, L.M. *see* Poweleit, C.D. 41973
Smith, L.R. *see* Peters, H.E. 17186
Smith, L.S. Onset-based sound segmentation 56404
Smith, M., Chen, G.D., Lin, J.Y., Jiang, H.X., Khan, R.A., Chen, Q. Time-resolved photoluminescence studies of InGaN epilayers 12213
Smith, M., Hickman, D. Modelling of an IRST system 36690
Smith, M., Schmid, F., Khattak, C.P., Schmid, K., Golini, D., Lambropoulos, J., Atwood, M., Zhou, Y.-Y., Funkenbusch, P.D. Sapphire fabrication for precision optics 33195
Smith, M. *see* Morkoc, H. 12362
Smith, M. *see* Solomon, S. 48651
Smith, M. *see* Weeks, R.J. 28604
Smith, M. *see* Wieman, H. 59275
Smith, M.A. *see* Berry, E. 7892
Smith, M.A.J. The up and down time distribution in a 1 out of n system with general life time and repair time distributions 30401
Smith, M.A.S. Formal verification of communication protocols 25956
Smith, M.C. *see* Britton, C.L., Jr. 59321
Smith, M.F., Jaszczak, R.J., Huili Wang, Jianying Li Lead and tungsten pinhole inserts for I-131 SPECT tumor imaging: experimental measurements and photon transport simulations 37673
Smith, M.F. *see* Greenwald, R.A. 38062
Smith, M.J., Proudler, I.K. A one sided algorithm for subspace projection beamforming 24993
Smith, M.J.T. *see* Chung, W.C. 25369
Smith, M.J.T. *see* Docef, A. 28138
Smith, M.J.T. *see* Linares, I. 5167
Smith, M.J.T. *see* Monaco, J.W. 5180
Smith, M.J.T. *see* Monaco, J.W. 60162
Smith, M.J.T. *see* Mujica, F. 60160
Smith, M.J.T. *see* Yuen-Wen Lee 56958
Smith, M.R., Cheng, M. Use of "virtual" (simulated) hardware devices in microprocessor laboratories and tutorials 20667
Smith, M.R. *see* Chen, L. 18238
Smith, M.R. *see* Maekawa, R. 32947
Smith, M.R. *see* Mathews, T., Jr. 18237
Smith, N.A. *see* Allport, P.P. 37375
Smith, N.A. *see* Beringer, J. 37394
Smith, N.B. *see* Webb, A.G. 28419
Smith, N.J., Doran, N.J., Knox, F.M., Forysiak, W. Energy-scaling characteristics of solitons in strongly dispersion-managed fibers 33650
Smith, N.J., Forysiak, W., Doran, N.J. Reduced Gordon-Haus jitter due to enhanced power solitons in strongly dispersion managed systems 6718
Smith, N.J. *see* Devaney, J.F.L. 58343
Smith, P., Hart, M., Bodammer, G., Vass, D.G. Optical byte correlator for serial data streams employing Karnaugh mapping using FLC SLMS 33151
Smith, P., Howard, R. Novel detectors see clearly in the dark 36698
Smith, P., Shepherd, W. Optical fibre continuous temperature sensing of trace heating systems 20230
Smith, P.A.I. *see* Ding, J. 13465
Smith, P.D. *see* Booker, S.M. 14734
Smith, P.E., Kleiner, B.M. A framework for optimizing a virtual learning system for minorities and industry in the field of engineering 9897
Smith, P.F. Direct detection of WIMP dark matter–techniques above 100 K 37469
Smith, P.G.R., Eason, R.W., Brown, P.T., Ross, G.W. Temperature sensitivity of repoling in strontium barium niobate near to the glassy transition 43499
Smith, P.L. End of the line for the local loop monopoly? 16440
Smith, P.M. Status of InP HEMT technology for microwave receiver applications 21952
Smith, P.M., Carey, P.G., Sigmon, T.W. Excimer laser crystallization and doping of silicon films on plastic substrates 22213
Smith, P.M. *see* Custer, J.S. 42258
Smith, P.M. *see* Tang, O.S.A. 31530
Smith, P.N., Sridhar, B. Realtime implementation of a passive ranging system 18649
Smith, P.N.Poynter *see* Poynter Smith, P.N.
Smith, P.W., Nandhakumar, N., Chiun-Hong Chien Object motion and structure recovery for robotic vision using scanning laser range sensors 35051
Smith, P.W. *see* Brown, M.P. 43479
Smith, P.W. *see* Shannon, D.N.J. 41745
Smith, P.W.E. *see* Benjamin, S.D. 769
Smith, P.W.E. *see* Benjamin, S.D. 55917
Smith, P.W.E. *see* Chen, L.R. 58388
Smith, P.W.E. *see* Qian, L. 23445
Smith, R., Whitmoyer, B., Iwamura, D. JAST/IHAVS project overview 18628
Smith, R. *see* Feighery, P. 59868
Smith, R. *see* Grimm, T. 39699
Smith, R. *see* Hertlein, W.G. 11982
Smith, R. *see* Schuss, J.J. 34462
Smith, R. *see* Stacy, N.J.S. 8532
Smith, R. *see* Wilson, D. 346
Smith, R. *see* Wilson, D. 46199
Smith, R.A. The operator expansion formalism for electromagnetic scattering from rough dielectric surfaces 14585
Smith, R.A., Ahmed, H. Gate controlled Coulomb blockade effects in the conduction of a silicon quantum wire 32024
Smith, R.A., Ahmed, H. Gate controlled non-linear effects in electron transport in silicon quantum wires 54235
Smith, R.A., Mesa, O.J. A rural electrification expansion model 28828
Smith, R.A. *see* Ditmire, T. 14274
Smith, R.B. Compensating for shielded enclosure effects on radiated emissions measurements 45193
Smith, R.C. A Galerkin method for linear PDE systems in circular geometries with structural acoustic applications 40169
Smith, R.C. *see* Mattison, E.M. 48957
Smith, R.D., Weldon, W.F., Traver, A.E. Aerodynamic loading and magnetic bearing controller robustness using a gain-scheduled Kalman filter 29240
Smith, R.E. Mandatory protection for Internet server software 26111
Smith, R.E. Technology transfers in today's economy 39645
Smith, R.E., Sullivan, C.T., Vawter, G.A., Hadley, G.R., Wendt, J.R., Snipes, B., Klem, J.F. Tapered-rib adiabatic-following fiber coupler 33010
Smith, R.E. *see* Mashburn, B. 20680
Smith, R.E. *see* Vawter, G.A. 44503
Smith, R.J.K. *see* Wrenn, G.L. 28501
Smith, R.L. *see* Alizadeh-Taheri, B. 18415
Smith, R.L. *see* Han, J. 18087
Smith, R.L. *see* Hsueh, Y.-T. 27708
Smith, R.M. *see* McKinley, M.C. 36874
Smith, R.N. *see* Clark, R.A. 29895
Smith, R.P. The historical roots of concurrent engineering fundamentals 20788
Smith, R.P., Krempetz, K., Kristalinski, A., Lee, A., Markley, D., Orr, S., Rucinski, R., Schmitt, R.L., Squires, B., Stanek, R.P., Stefanik, A.M., Wands, R., Yamada, R. Electrical safety of a thin superconducting solenoid in an iron yoke [DØ detector upgrade] 49321
Smith, R.P. *see* Kim, M. 31497
Smith, R.P. *see* Kim, M. 34300
Smith, R.P. *see* Leong, A. 10008
Smith, R.P. *see* Molnar, A.C. 41466
Smith, R.P. *see* Reddy, M. 53652
Smith, R.S., Kennedy, E.J., Jackson, R.G., Simpson, M.L., Britton, C.L., Bryan, W.L., Jagadish, U., Young, G.R., Jacak, B.V., Kapustinsky, J., Oscarson, A. A discriminator with a current-sum multiplicity output for the PHENIX multiplicity vertex detector 59336
Smith, R.S. *see* Britton, C.L., Jr. 59321
Smith, R.S. *see* Gaffney, M. 10777
Smith, R.W., Srolovitz, D.J. Void and dislocation microstructure development in heteroepitaxial film growth 720
Smith, R.W. *see* Feng Ying 868
Smith, R.W. *see* Heismann, F. 47951
Smith, R.W. *see* Heismann, F. 47979
Smith, R.W. *see* Schilz, J. 30909
Smith, S., Gondran, C. Rapid yield learning through data integration 7153
Smith, S., Gondran, C. The impact of data integration on yield enhancement 30171
Smith, S. *see* Agarwal, S. 32835
Smith, S. *see* Chindalore, G. 54647
Smith, S. *see* Kurita, N. 49229
Smith, S. *see* Ruth, R.D. 49165
Smith, S. *see* Sheng-Hui Yang 24000
Smith, S. *see* Wills, D.S. 3657
Smith, S.F. *see* Crutcher, R.I. 58214
Smith, S.G. *see* Seabright, J. 28763
Smith, S.L., Hesselink, L. Transport modeling of multiple-quantum-well optically addressed spatial light modulators 44064
Smith, S.L., Hesselink, L., Partovi, A. Grating formation in multiple quantum well optically addressed spatial light modulators 14456
Smith, S.L. *see* Baginski, T.A. 51384
Smith, S.M. Flexible filter neighbourhood designation 5072
Smith, S.M. Integrated real-time motion segmentation and 3D interpretation 5591
Smith, S.M., An, E., Kronen, D., Ganesan, K., Park, J., Dunn, S.E. The development of autonomous underwater vehicle based survey and sampling capabilities for coastal exploration 38093
Smith, S.M., Varadarajan, M., Christenson, K.K. The effects of dilute SC-1 and SC-2 chemistries on dielectric breakdown for pre gate cleans 42452
Smith, S.M. *see* Christenson, K.K. 42482
Smith, S.M. *see* Christenson, K.K. 42485
Smith, S.M. *see* Geselowitz, D.B. 37777
Smith, S.P., Hitzman, C.J., Hockett, R.S. Surface metal contamination on silicon wafers measured by surface SIMS 43202
Smith, S.P. *see* Chu, P.K. 1969
Smith, S.R., Evwaraye, A.O., Mitchel, W.C. Reply to "Comment on 'Temperature dependence of the barrier height of metal-semiconductor contacts on 6H-SiC'" 2575
Smith, S.R. *see* Evwaraye, A.O. 42018
Smith, S.R. *see* Mitchel, W.C. 54136
Smith, S.T. Space-time clutter covariance matrix computation and interference subspace tracking 16843
Smith, S.T. Linear and nonlinear conjugate gradient methods for adaptive processing 16879
Smith, S.W., Davidsen, R.E., Emery, C.D., Goldberg, R.L., Light, E.D. Update on 2-D array transducers for medical ultrasound 18369
Smith, S.W. *see* Davidsen, R.E. 28104
Smith, S.W. *see* Goldberg, R.L. 59416
Smith, S.W. *see* Rashid, H. 26932
Smith, S.W. *see* Ries, L.L. 28130
Smith, T. *see* Barkeshli, S. 34307
Smith, T. *see* Vaidya, M. 51115
Smith, T. *see* Zhe Ning 30184
Smith, T.F. *see* Ardehali, M.M. 29664
Smith, T.H. *see* Boning, D.S. 42492
Smith, T.I. *see* Crosson, E.R. 18012
Smith, T.I. *see* Ramesham, R. 53707
Smith, T.J., Jr. *see* Agarwal, A.K. 42044
Smith, T.L. *see* Bo-Rong Shi 42401
Smith, U. *see* Rydberg, M. 12679
Smith, V.C., Batty, S.V., Richardson, T., Foster, K.A., Johnstone, R.A.W., Sobral, A.J.F.N., Rocha Gonsalves, A.M.d'A. Chlorine sensing properties of porphyrin thin films 36962
Smith, W.A. *see* Jianhua Zhou 37878
Smith, W.D. *see* Krishnan, K.S. 43957
Smith, W.F., Abraham, M.C., Sloan, J.M., Switkes, M. Simple retrofittable long-range *x-y* translation system for scanned probe microscopes 7254
Smith, W.H. *see* Hammer, P.D. 8398
Smith, W.H. *see* Snyder, D.L. 15940
Smith, W.L., Jr. *see* Mayor, S. 18768
Smith, W.M. Cardiac defibrillation 59811
Smith, W.M. *see* Bayly, P.V. 37778
Smith, W.M. *see* Bayly, P.V. 59733
Smith, W.M. *see* Chattipakorn, N. 59732
Smith, W.M. *see* Rogers, J.M. 49683
Smith, W.T., Bastian, R.J. An approximation of the radiation integral for distorted reflector antennas using surface-error decomposition 24559
Smith, W.T. *see* Das, S.K. 45268
Smith, W.T. *see* Fang Han 45236
Smithey, D. *see* De Yu Zang 4066
Smithey, D.T. *see* Downie, J.D. 4111
Smithies, D.J. *see* Butler, P.H. 8105
Smithies, D.J. *see* van Gemert, M.J.C. 37870
Smithies, D.J. *see* Verkruysse, W. 37871
Smithson, G., Fitz, S. Ceramic RF circuits for high volume wireless products 53647
Smithson, S. *see* Nicolopoulou, K. 16344
Smithwick, L.J. *see* Lawrence, V.B. 16434
Smits, J.G., Wai-Shing Choi, Ballato, A. Resonance and antiresonance of symmetric and asymmetric cantilevered piezoelectric flexors 54991
Smits, J.G. *see* Motamedi, M.E. 54856
Smits, P.C., Dellepiane, S. Information fusion in a Markov random field-based image segmentation approach using adaptive neighbourhoods 5416
Smits, P.C., Dellepiane, S. Data fusion in a Markov random field based image segmentation approach 48107
Smits, P.C., Dellepiane, S. A supervised Markov random field approach with adaptive cliques to the segmentation of synthetic aperture radar images 58453
Smizanska, M. *see* Bystricky, J. 59318
Smogalev, I.P. *see* Bobkov, V.P. 38506
Smolders, J., Diller, R., Van Compernolle, D. Noise robust speech recognition makes in-car navigation safe and affordable 61310
Smole, F. *see* Furlan, J. 39142
Smole, F. *see* Popovic, P. 39151
Smole, F. *see* Topic, M. 7328
Smole, F. *see* Topic, M. 31879
Smole, F. *see* Topic, M. 39143
Smole, F. *see* Topic, M. 48533
Smolik, W. *see* Liu Xuan 37669
Smolin, A.A. *see* Nistor, L.C. 40644
Smolin, J.A. *see* Bennett, C.H. 14769
Smolin, J.A. *see* Bennett, C.H. 14854
Smolin, J.A. *see* Bennett, C.H. 56231
Smolin, J.A. *see* Braunstein, S.L. 34583
Smoliner, J. *see* Hauser, M. 32326
Smoliner, J. *see* Ploner, G. 12451
Smoll, A.V. *see* Chmill, V.B. 37223
Smolleck, H.A. *see* Saneifard, S. 60316
Smolleck, H.A. *see* Shabani, F. 60210
Smolliar, S.W. *see* Hong Jiang Zhang 57413

Smol'nikov, V.L. *see* Berzhavin, O.M. 9355
Smolsky, I. *see* Gastaldi, J. 37312
Smolsky, O.V. *see* Berman, L.S. 12587
Smol'yakov, E.R. A heuristic procedure for seeking equilibria in coalitionless and antagonistic games 52432
Smolyaninov, I.I., Mazzoni, D.L., Davis, C.C. Direct-write gold and silicon ablation on a 100-nm scale 12744
Smolyaninov, I.I. *see* Davis, C.C. 55222
Smoot, G. *see* Torres, S. 36292
Smorchkov, V.I. *see* Kroll, A.V. 23024
Smorgon, S.L. *see* Zyryanov, V.Ya. 3336
Smorodinsky, R. *see* Lehrer, E. 40004
Smorodov, N.V. *see* Davydov, N.I. 19529
Smotkin, E.S. *see* Qinbai Fan 19978
Smotkin, E.S. *see* Qinbai Fan 20020
Smowton, P.M., Blood, P. Fermi level pinning and differential efficiency in GaInP quantum well laser diodes 44455
Smowton, P.M., Blood, P. The differential efficiency of quantum well lasers 44582
Smowton, P.M., Blood, P., Mogensen, P.C., Bour, D.P. Role of sublinear gain-current relationship in compressive and tensile strained 630 nm GaInP lasers 14138
Smowton, P.M. *see* Mogensen, P.C. 55617
Smulacovsky, V.M. *see* Machehin, Yu.P. 17183
Smulders, E. *see* Jansen, H. 42495
Smulders, E.J.T. *see* Burger, G.J. 12834
Smulders, P.F.M., Correia, L.M. Characterisation of propagation in 60 GHz radio channels 56054
Smulders, R.A. *see* Noordegraaf, A.V. 49717
Smy, M. *see* Abe, K. 59233
Smy, T. *see* Sheergar, M.K. 54520
Smychnikova, I.V. *see* Rogov, V.V. 22571
Smyk, A.F. *see* Odinokov, S.B. 32989
Smyrl, W.H. *see* Tipton, A.I. 19953
Smyth, D.M. Defect structure in perovskite titanates 10946
Smyth, M.R. *see* Iwuoha, E.I. 36722
Smyth, P., Gray, A., Fayyad, U.M. Retrofitting decision tree classifiers using kernel density estimation 40013
Smyth, P., Heckerman, D., Jordan, M.I. Probabilistic independence networks for hidden Markov probability models 30464
Smyth, P.P., Taylor, C.C., Adams, J.E. Automatic measurement of vertebral shape using active shape models 28144
Smythe, C. *see* Cvetkovic, S.R. 59818
Smythe, C. *see* Donnelly, A. 57987
Snare, J. *see* Crabbe, E. 43063
Snare, J. *see* Su, L. 2793
Snare, J. *see* Subbanna, S. 41161
Snarskii, A.A., Dziedzic, A., Licznerski, B.W. Temperature behaviour of percolation and percolation-like systems 11748
Sneath, R.W. *see* Persaud, K.C. 27746
Sneddom, M., Gale, P. Fault location on transmission lines 50598
Snedsbol, R. *see* Lonn, H. 25937
Sneed, E.L. *see* Garg, V.K. 6587
Snegirev, S.D. *see* Alekseev, V.A. 17014
Sneh, A., Zucker, J.E., Miller, B.I. Compact, low-crosstalk, and low-propagation-loss quantum-well Y-branch switches 13694
Sneider, J. *see* Bozoki, Z. 7672
Snel, C.E. *see* van Wieringen, N. 8135
Snel, R. *see* Rosier, J.C. 25683
Snelgrove, M. *see* Elliott, D. 41240
Snelgrove, M. *see* Le, T.M. 15498
Snelgrove, M. *see* Swaminathan, A. 47824
Snelgrove, M. *see* Swaminathan, A. 53362
Snelgrove, M. *see* Yang, H.-K. 1196
Snelgrove, W.M. *see* Le, T.M. 46407
Snelgrove, W.M. *see* Tarr, N.G. 13146
Snell, C. *see* Yang, S.-H. 54344
Snell, C.M. *see* Cai, D. 22544
Snell, C.M. *see* Yong, S.-H. 12655
Snell, J.W. *see* Rajapakse, J.C. 59408
Snell, K.J., Parent, A., Levesque, M., Galarneau, P. An active, range-gated near-IR TV system for all-weather surveillance 48654
Snell, M.B. *see* Fells, J.A.J. 50258
Snell, Q.O., Mikler, A.R., Gustafson, J.L. NetPIPE: a network protocol independent performance evaluator 57651
Snell, R. Snell & Wilcox–81 years of collective experience 58565
Sneller, M.C. *see* Summers, R.M. 37646
Snelling, C. *see* Crowley, J.V. 33833
Snelling, H.V. *see* Stone, L.A. 40627
Snellings, R.J.M. *see* Prendergast, E.P. 41731
Snelsire, R.W. *see* Lasser, S.J.S. 20607
Sng, E.K.K., Liew, A.C. On line tuning of rotor flux observers for field oriented drives using improved stator based flux estimator for low speeds 51700
Sniatala, P. *see* Handkiewicz, A. 11567
Snider, F.P. *see* Azzi, P. 37390
Snider, G. *see* Culbertson, W.B. 28147
Snider, G.L. *see* Bazan, G. 22897
Snider, G.L. *see* Frankovic, R. 43392
Snider, G.L. *see* Sparing, L.M. 23665
Snider, R. *see* Antos, J. 37373
Snider, R.T. *see* Strait, E.J. 36382
Snieder, R. *see* Douma, H. 8354
Sniedovich, M. *see* Churilov, L. 40014
Sniegowski, J.J. *see* Cresswell, M.W. 32319
Sniezek, M. *see* Trybus, L. 7210
Snigirev, A. Coherent properties of the third generation synchrotron radiation sources: requirements to the optics 37548
Snigirev, A. *see* Hartman, Ya. 49360
Snigirev, O.V. *see* Balbashov, A.M. 43747
Snigirev, O.V. *see* Gudoshnikov, S.A. 27464
Snigirev, O.V. *see* Lipatov, A.P. 13502
Snigireva, I. *see* Hartman, Ya. 49360
Snipes, B. *see* Smith, R.E. 33010
Snir, M. Scalable parallel systems: past, present and future (from an IBM perspective) 55353
Snitchler, G. *see* Aized, D. 43767
Snitchler, G. *see* Gamble, B. 60438
Snitovskii, Yu.P. *see* Kovalevskii, A.A. 36454
Snitovskii, Yu.P. *see* Kovalevskii, A.A. 36729
Snitzer, E. *see* Goldberg, L. 3731
Snm Liu Wing Kam *see* Wing Kam Snm Liu
Snodgrass, F.B. *see* Raquet, J. 18747
Snoeck, E. *see* Postava, K. 32801
Snoeck, J., Vanthemsche, F., Hill, A., Moeyaert, P. Doel-1 fits passive autocatalytic recombiners–a world first 50724
Snoeij, P., Pouwels, H., Koomen, P.J., Vermeulen, B.C.B., Hoogeboom, P. The design and development of a polarimetric phased array airborne SAR sensor 16914
Snoeij, P., Pouwels, H., Paquay, M.H., Koomen, P.J., Hoogeboom, P. Internal and external calibration of the PHARUS polarimetric airborne SAR 27040
Snoeij, P. *see* Greidanus, H. 8312
Snoeij, P. *see* Vermeulen, B.C.B. 14763
Snoeij, P. *see* Vermeulen, B.C.B. 27042
Snoeks, E., Herko, S., Zhao, L., Yang, B., Cavus, A., Zeng, L., Tamargo, M.C. Improvement in quality of epitaxial $Zn_{0.5}Cd_{0.5}Se$ layers grown on (001) InP substrates by using an InP buffer layer 52685
Snoeks, E. *see* Chao, L.-L. 33559
Snook, D.R. *see* Madden, C.J. 31531
Snook, M.W.G. *see* Eliiott, J.P. 33341
Snook, M.W.G. *see* Underwood, I. 33148
Snook, M.W.G. *see* Yu, T.C.B. 23622
Snoopy New fangled phone systems pose new challenges for system administrators 16203
Snopik, L.M. *see* Gaikovich, K.P. 38079
Snopkov, I.G. *see* Anashkin, E.V. 37232
Snorek, M. *see* Skrbek, M. 31453
Snow, A.W. *see* Buckley, L. 40688
Snow, A.W. *see* Pong, R.G.S. 4090
Snow, E.S., Campbell, P.M., McMarr, P.J. AFM-based fabrication of free-standing Si nanostructures 54387
Snow, E.S., Campbell, P.M., Park, D. Metal point contacts and metal-oxide tunnel barriers fabricated with an AFM 32468
Snow, E.S. *see* Campbell, P.M. 2412
Snow, E.S. *see* Campbell, P.M. 12773
Snow, J.H. *see* Barras, R.E. 50579
Snow, K. *see* Galipeau, J.D. 27735
Snow, K. *see* LeGore, L.J. 27736
Snow, P.A. *see* Squire, E.K. 33309
Snowberger, M.W. TQM–why and how it was implemented at Gilbarco 10180
Snowden, C.M. Large-signal microwave characterization of AlGaAs/GaAs HBT's based on a physics-based electrothermal model 21932
Snowden, C.M. Microwave device modelling for HBT CAD in mobile communications applications 53597
Snowden, C.M., Steenson, D.P. Circuits and simulations at 1 THz 11710
Snowden, C.M. *see* Baree, A.H. 53668
Snowden, C.M. *see* Bennett, S. 55665
Snowden, C.M. *see* Cole, E.A.B. 43126
Snowden, C.M. *see* Cole, E.A.B. 54709
Snowden, C.M. *see* Lu, K. 2594
Snowden, C.M. *see* Lu, K. 54596
Snowden, C.M. *see* McIntosh, P.M. 22771
Snowden, C.M. *see* McIntosh, P.M. 54600
Snowden, C.M. *see* Zhang, G. 11706
Snowden, P.T. *see* Parker, J.V. 24409
Snowdon, J.F. *see* Desmulliez, M.P.Y. 13754
Snyder, A. *see* Dao, G. 22647
Snyder, A.W., Mitchell, J.D. Mighty morphing spatial solitons and bullets 24246
Snyder, B. Rounding out Sonet testing 16675
Snyder, B. DSL: Coming soon? 47442
Snyder, D., Thornton, K. Building a J-MASS IR environment player using MODTRAN 8712
Snyder, D.B. *see* Vayner, B.V. 28572
Snyder, D.L., Angelisanti, D., Smith, W.H., Dai, G.-M. Correction for nonuniform flat-field response in focal-plane arrays 15940
Snyder, D.L. *see* Ge Wang 46166
Snyder, D.L. *see* Jacobs, S.P. 26942
Snyder, D.L. *see* Miller, M.I. 27068
Snyder, G.J., Beasley, M.R., Geballe, T.H., Hiskes, R., DiCarolis, S. Magnetoconductivity and Hall effects in $La_{0.67}Ca_{0.33}MnO_3$ 23290
Snyder, H., Sarma, B.M. EMC compliance testing for CE marking 34105
Snyder, J. *see* Abe, K. 37234
Snyder, J. *see* Abe, K. 59233
Snyder, K.J. *see* Montanaro, J. 1446
Snyder, M. *see* Finkelstein, S.M. 49375
Snyder, P.G. *see* Ducharme, S. 36504
Snyder, R. *see* Schulman, R. 60151
Snyder, R.D. *see* Beyette, F.R., Jr. 23711
Snyder, R.D. *see* Hayes, E.M. 33345
Snyder, R.D. *see* Lurkins, J.W. 33171
Snyder, R.D. *see* Stanko, P.J. 33181
Snyder, W. *see* Zhengming Wan 8375
Snyder, W.E. *see* Van Horn, M.H. 28304
Snyder, W.Van *see* Van Snyder, W.
Snyders, J. *see* Gazelle, D. 24735
Snydstrup, L. *see* Jia, L.X. 49162
Snytkina, Yu.V. *see* Morozov, I.A. 424
So, A.C.K., Chan, Y.C. Aging studies of Cu-Sn intermetallic compounds in annealed surface mount solder joints 230
So, A.C.K., Chan, Y.C., Lai, J.K.L. Aging studies of Cu-Sn intermetallic compounds in annealed surface mount solder joints 52248
So, A.T.P., Chan, W.L. Exterior lighting design by computer algebra 20212
So, A.T.P., Chan, W.L., Tse, W.L. Development of a full degree course on Internet 20570
So, A.T.P. *see* Chan, W.L. 50500
So, D.W.C., Seshadri, S.R. Guided-wave couplers and amplifier based on the second-order Bragg interaction 33056
So, E., Bennett, D.A. A 50 ppm low current multi-stage clamp-on current transformer 27309
So, H.C., Ching, P.C. A generalized equalization-based algorithm for multipath time delay estimation 4733
So, J.H. *see* Park, J.R. 24608
So, M.H. *see* Nicholson, P.I. 27843
So, W.S., Swift, S., Prvulovic, G. The application of combined symbol matching to bi-directional wireless facsimile transmission 16217
So, W.W. *see* Chen, Y.-C. 39757
So Kweon In *see* In So Kweon
So Min-Suk *see* Min-Suk So
So Park Young *see* Young So Park
So Young Sohn Statistical analysis of environmental effects on reliability decay of missiles: a case study 19033
So Young Sohn Accelerated life-tests for intermittent destructive inspection, with logistic failure-distribution 52149
So-Hyung Kim *see* Kook-Hun Kim 50385
Soares, A. *see* Burns, J.A. 22966
Soares, A.O., Goncalves, A., Silva, R.N., Lemos, J.M. A methodology for impact evaluation of alternative control strategies in a large-scale power plant 50781
Soares, C.G. Reliability of components in composite materials 40677
Soares, E.J., Glick, S.J., King, M.A. Noise characterization of combined Bellini-type attenuation correction and frequency-distance principle restoration filtering [SPECT] 28230
Soares, F. *see* Fortunato, E. 17484
Soares, J.C. *see* Herreros, B. 13638
Soares, J.C. *see* Herreros, B. 13666
Soares, J.C. *see* Li Shuxiang 43667
Soares, J.C. *see* Sochinskii, N.V. 40389
Soares, L.L. *see* Lima, C.R.A. 44603
Soares, V., Verdelho, P., Marques, G. A control method for active power filters under unbalanced nonsinusoidal conditions 8737
Soatto, S., Frezza, R., Perona, P. Structure from visual motion as a nonlinear observation problem 15702
Sobajic, D.J. *see* Butler, K.L. 50550
Sobajic, D.J. *see* Djukanovic, M. 19546
Sobajima, M. *see* Masuda, K. 22177
Sobanski, J. *see* Znamirowski, Z. 41755
Sobczak, J. ATM's fate tied to multimedia 5987
Sobczuk, D.L. Nonlinear control of PWM inverter fed induction motor drives 9638
Sobczuk, D.L. *see* Kazmierkowski, M.P. 39284
Sobczuk, D.L. *see* Kazmierkowski, M.P. 51169
Sobczyk, E. Present trends in development of antenna towers and masts 24556
Sobeczko, A. *see* Renard, M. 6801
Sobek, R. *see* Novotnak, R. 60809
Sobel, A. *see* Wieman, H. 59275
Sobel, E. *see* Davanipour, Z. 49808
Sobel, I. *see* DiSomma, C. 37848
Sobel, I. *see* Raposio, E. 37847
Sobenin, N.P., Ivanov, S.V., Kaljuzhny, V.E., Kostin, D.V., Milovanov, O.S., Parfenov, A.N., Zavadzev, A.A., Yarigin, S.N., Dohlus, M., Holtkamp, N. HOM damping in SBLC accelerating section using input coupler 49206
Sobenin, N.P., Kostin, D.V., Zverev, B.V., Yarigin, S.N., Dohlus, M., Holtkamp, N. Calculation and experimental investigation of electrodynamics characteristics of SBLC DLW 49063
Sobey, C.H. Probability of error for fault-tolerant byte synchronization detectors 3222
Sobh, J.F. *see* Gamero, L.G. 37783
Sobh, J.F. *see* Risk, M.R. 59666
Sobhanadri, J. *see* Subramanian, V. 33227
Sobhy, M.I., Hosny, E.A., Ng, M.W.R., Bakkar, E.A. Nonlinear system and subsystem modeling in time domain 21898
Sobhy, M.I., Hosny, E.A., Ng, M.W.R., Bakkar, E.A. Time domain modelling of microwave systems and subsystems 53567
Sobhy, M.I. *see* Adb El-Azeem, M.H. 56157
Sobie, E.A., Fishler, M.G., Tung, L. Biphasic shocks induce more uniform repolarization than monophasic shocks in a cardiac cellular field excitation model 59752
Sobiesierski, Z., Westwood, D.I., Parbrook, P.J., Ozanyan, K.B., Hopkinson, M., Whitehouse, C.R.

As/P exchange on InP(001) studied by reflectance anisotropy spectroscopy 40381
Sobiesierski, Z., Westwood, D.I., Woolf, D.A. Reflectance anisotropy spectroscopy study of GaAs overlayer growth on submonolayer coverages of Si on the GaAs(001)-c(4×4) surface 52625
Sobiesierski, Z. *see* Steimetz, E. 52624
Sobieski, P. *see* Lemaire, D. 14718
Soble, J.S. *see* Kim, B. 37688
Soble, J.S. *see* Song, I. 37734
Soble, J.S. *see* Wu, K.L. 37687
Sobol, V.V. *see* Pushkarev, G.P. 14508
Sobolev, A.I. *see* Korenkov, I.P. 60089
Sobolev, L.G. On one approach to identification of distribution laws for series of measurements 7123
Sobolev, L.G. Preliminary estimation of parameters of beta distributions as statistical models of measurement series 17137
Sobolev, L.G. Additive and multiplicative statistical models of measurement series 48277
Sobolev, M.M., Kochnev, I.V., Papentsev, M.I., Kalinovsky, V.S. Metastable defects in as-grown and electron-irradiated $Al_{0.3}Ga_{0.7}As$ 12274
Sobolev, N.A., Korshunov, F.P., Sauer, R., Thonke, K., Koenig, U., Presting, H. Influence of electron irradiation and annealing on the photoluminescence of Si/Ge superlattices and Si/Ge quantum wells 2190
Sobolev, N.A. *see* Savchuk, V.A. 54124
Sobolev, S.S. *see* Zhelezin, A.A. 3957
Sobolev, V.B. *see* Glazkov, D.A. 55546
Sobolev, V.I. Conceptual uncertainty of measurement errors 36357
Sobolev, V.N. *see* Fedii, V.S. 1020
Sobolev, V.S. Optimal estimate of the parameters of pulsed optical signals using the criterion of the maximum of the likelihood function 5447
Sobolewski, R. *see* Adam, R. 43827
Sobolewski, R. *see* Jacobs-Perkins, D. 58844
Sobolewski, R. *see* Lindgren, M. 32916
Sobolewski, R. *see* Lindgren, M. 55122
Sobolewski, R. *see* Shan, P.C. 7335
Sobota, J. *see* Pistora, J. 3188
Sobotka, L.G. *see* Devlin, M. 37541
Sobotka, L.G. *see* Sarantites, D.G. 37271
Sobottka, K., Pitas, I. Extraction of facial regions and features using color and shape information 5615
Sobottka, K., Pitas, I. Looking for faces and facial features in color images 46291
Sobral, A.J.F.N. *see* Smith, V.C. 36962
Sobral, H., Schinca, D., Duchowicz, R., Gallardo, M. Gain switching and oscillations in an ionic pulsed xenon laser 13951
Sobrinho, C.L.daS.S., Giarola, A.J. Analysis of the optical axis misalignment effect on propagation characteristics of anisotropic dielectric waveguides using FD-FD method 33078
Sobrinho, J.L., Krishnakumar, A.S. Real-time traffic over the IEEE 802.11 medium access control layer 46742
Sobrink, K.H., Renz, K.W., Tyll, H.K. FACTS faces into the wind 60614
Sobue, K. *see* Omiya, T. 35562
Soby, L. *see* Esin, S.K. 37133
Soch, K. *see* Radford, W. 17492
Socha, R.J., Neureuther, A.R. Propagation effects of partial coherence in optical lithography 22668
Sochacki, J. *see* Llopis, R.E. 55793
Socher, G., Sagerer, G., Kummert, F., Fuhr, T. Talking about 3D scenes: integration of image and speech understanding in a hybrid distributed system 57327
Sochinskii, N. *see* Panin, G. 30772
Sochinskii, N.V., Marin, C., Rojo, J.C., Munoz, V., Bocchi, C., Dieguez, E. Vapor phase epitaxy of $Hg_{1-x}Cd_xI_2$ layers on CdTe substrates 30823
Sochinskii, N.V., Munoz, V., Bellani, V., Vina, L., Dieguez, E., Alves, E., da Silva, M.F., Soares, J.C., Bernardi, S. Substrate effect on CdTe layers grown by metalorganic vapor phase epitaxy 40389
Sochinskii, N.V. *see* Panin, G. 31824
Sochor, V. Fibre-optics quantum cryptography 24645
Sochtig, J. *see* Baumann, I. 44059
Sochtig, J. *see* Gottert, J. 23565
Sochugov, N.S. *see* Bugaev, S.P. 18915
Sochugov, N.S. *see* Bugaev, S.P. 21354
Sock Chang Nion *see* Nion Sock Chang
Socolar, J.E.S. *see* Bleich, M.E. 55594
Socoloski, N. *see* Gilleo, K. 39773
Socoro, J.C. *see* Jove, X. 15640
Socoro, J.C. *see* Marroquin, E.M. 7936
Socoro, J.C. *see* Marroquin, E.M. 59397
Socroun, T. *see* Fourcade, F. 60494
Soda, D. *see* Matsuyama, S. 37452
Soda, H., Kondo, M., Satoh, K. Optical semiconductor devices for optical fiber transmission systems 6849
Soda, H. *see* Morito, K. 26812
Soda, H. *see* Sahara, R. 3453
Soda, M. *see* Tanabe, A. 6771
Soda, M.. *see* Tezuka, H. 47904
Soda, T. *see* Fuchida, T. 39368
Sodagar, I. *see* Martucci, S.A. 35185
Sodagar, I. *see* Martucci, S.A. 57289
Sodeikat, H. Dynamic route guidance and driver information services with infrared beacon communication 58408
Soden, J.M., Anderson, R.E., Henderson, C.L. IC failure analysis tools and techniques–magic, mystery, and science 30179
Soden, J.M., Hawkins, C.F. I_{DDQ} testing: issues present and future 13118
Soden, J.M. *see* Righter, A.W. 43268
Sodeno, K. *see* Miyata, J. 20270
Soderbarg, A. *see* Olsson, J. 12364
Soderbarg, A. *see* Rydberg, M. 12679
Soderblom, L.A. *see* Beauchamp, P.M. 36693
Soderblom, L.A. *see* Beauchamp, P.M. 59963
Soderblom, L.A. *see* Rodgers, D.H. 59861
Soderbrrg, J., Persliden, J. Comparison of a heterogeneous child phantom with paediatric patients 18566
Sodergren, S. *see* Rensmo, H. 12606
Soderkvist, J. Limitations to the piezoelectric effect for materials with finite resistivity 13225
Soderlind, G. *see* Gustafsson, K. 40201
Soderquist, K. *see* Birchall, D.W. 20731
Soderstrand, M.A., Johnson, T.G., Strandberg, R.H., Loomis, H.H., Jr., Rangarao, K.V. Suppression of multiple narrow-band interference using real-time adaptive notch filters 34121
Soderstrand, M.A. *see* Strandberg, R.H. 1609
Soderstrand, M.A. *see* Strandberg, R.H. 31392
Soderstrand, M.A. *see* Xiaole Chen 1575
Soderstrom, T. *see* Sorelius, J. 45910
Soderstrom, T. *see* Stoica, P. 56445
Sodha, J. Shape codes in a 3D signal constellation 45600
Sodini, C.G. *see* Lutsky, J.J. 41517
Sodipo, K.O. Electronic document-conferencing and its application to the health and safety requirements during design development 16372
Sodtke, E. *see* Klushin, A.M. 32909
Sodtke, E. *see* Klushin, A.M. 43825
Sodtke, E. *see* Oelze, B. 31211
Soeda, M. *see* Kurosu, K. 46144
Soede, M., Willems, C. Support infrastructure around and in the home to increase independence for people with disabilities 18548
Soederholm, S. *see* Bastien, J. 32360
Soederstroem, E., Sernelius, B.E. Impurity resistivity in doubly δ-doped systems 54052
Soehner, C. *see* Tonshoff, H.K. 57152
Soejima, K., Ikuina, K., Utsumi, K., Suzuki, M. Lead-less chip assembly on LTCC substrate 10137
Soejima, M. *see* Takeda, H. 29012
Soejima, R. *see* Kuramata, A. 21253
Soejima, S. *see* Takeuchi, M. 21419
Soek-Kyoung Hong *see* Young-Cheol Kim 30778
Soekawa, H. *see* Kajioka, H. 36589
Soekawa, K. *see* Minamizawa, M. 52217
Soellner, J. *see* Heuken, M. 40319
Soellner, J. *see* Schneider, A. 52667
Soellner, J. *see* Taudt, W. 40588
Soellner, J. *see* Yablonskii, G.P. 55601
Soencksen, K. *see* Zielinski, A.E. 24415
Soendjoko *see* Ramsay, B. 19222
Soenen, B., Neyts, K., Van den Bossche, J., De Visschere, P. Aging of ZnS:Mn ALE ACTFEL devices 55441
Soerensen, G. *see* Bolognesi, C.R. 43147
Soete, G.de *see* de Soete, G.
Soffa, W.A. *see* Hoydick, D.P. 21365
Soffer, A. Image categorization using N×M-grams 57338
Soffer, B.H. *see* Xiang-Gen Xia 4649
Soffer, B.H. *see* Xiang-Gen Xia 45778
Soffer, R. *see* White, H.P. 8296
Sofield, C.J. *see* McConville, C.F. 12419
Sofko, G.J. *see* Hussey, G.C. 60045
Sofko, G.J. *see* Kustov, A.V. 60037
Sofronov, V.L. *see* Buinovskii, A.S. 3240
Sofronov, V.L. *see* Buinovskii, A.S. 3241
Sofronov, V.L. *see* Buinovskii, A.S. 3242
Soga, K. *see* Kawagoe, T. 35621
Soga, M. *see* Watanabe, T. 1388
Soga, N. *see* Kajihara, K. 38965
Soga, T., Kato, T., Baskar, K., Shao, C.L., Jimbo, T., Umeno, M. MOCVD growth of high-quality AlGaAs on Si substrates for high-efficiency solar cells 40463
Soga, T. *see* Lee, C. 10083
Soga, T. *see* Mosaddeq-ur-Rahman, M. 20034
Soga, T. *see* Shao, C. 42431
Soga, T. *see* Simokawa, H. 10085
Soga, T. *see* Yamamoto, K. 10078
Soga, Y., Yasuda, M. Analysis of the Pulfrich effect 17770
Soga, Y. *see* Arai, Y. 7085
Sogawa, F., Hangleiter, A., Watabe, H., Nagamune, Y., Nishioka, M., Arakawa, Y. Influence of carrier transport/capture and gain flattening in picosecond pulse generation of InGaAs microcavity lasers 3879
Sogawa, F. *see* Arakawa, T. 31848
Sogawa, F. *see* Schur, R. 55656
Sogawa, F. *see* Sekine, N. 14756
Sogawa, F. *see* Sekine, N. 24593
Sogawa, T., Mandai, H., Hayami, K., Doi, K., Goto, H., Yokouchi, K. Traffic information display technology for a car navigation system 9707
Sogoyan, A.V. *see* Emelianov, V.V. 22843
Sogoyan, A.V. *see* Pershenkov, V.S. 22471
Soh, B.J. *see* Lee, S.Y. 32964
Soh, C.-B. *see* Xie, Q. 47685
Soh, C.B. *see* Hao, Q. 47718
Soh, H.T., Ladabaum, I., Atalar, A., Quate, C.F., Khuri-Yakub, B.T. Silicon micromachined ultrasonic immersion transducers 18957
Soh Cheong Boon *see* Cheong Boon Soh
Soh Hoe-Sup *see* Hoe-Sup Soh
Soh Ju-Won *see* Ju-Won Soh
Soh Leen-Kiat *see* Leen-Kiat Soh
Soh Yeng Chai *see* Yeng Chai Soh
Sohda, Y., Someda, Y., Nakayama, Y., Saitou, N. Modified mask methods for pattern accuracy enhancement in electron beam lithography 22704
Sohda, Y., Tanenbaum, D.M., Turner, S.W., Craighead, H.G. Fabrication of arrayed glassy carbon field emitters 41775
Sohl, J.E. A protective circuit for the Leybold electron spin resonance apparatus 39634
Sohler, W. *see* Baek, Y. 13705
Sohler, W. *see* Baumann, I. 44059
Sohler, W. *see* Wehrmann, F. 44057
Sohn, C.-J. *see* Kim, Y.-B. 1384
Sohn, E., Ahn, S., Chung, T. The software structure of the call control for B-ISDN access node system 47227
Sohn, E. *see* Gerhart, G.R. 8693
Sohn, E. *see* Meitzler, T. 19018
Sohn, E. *see* Meitzler, T.J. 7426
Sohn, J.M., Choi, S.W., Kim, B.G., Cho, H.K., Yoon, H.S. Mask technology for 0.18 μm device generation 22630
Sohn, J.M. *see* Cha, B.C. 22635
Sohn, K.H. *see* Kim, J.H. 15855
Sohn, M.H. *see* Jeong, D.Y. 3270
Sohn Byung-Ki *see* Byung-Ki Sohn
Sohn Jin-Man *see* Jin-Man Sohn
Sohn Jongseo *see* Jongseo Sohn
Sohn Kwang Young *see* Kwang Young Sohn
Sohn Kyung-Youl *see* Kyung-Youl Sohn
Sohn So Young *see* So Young Sohn
Sohn Suk Whun *see* Suk Whun Sohn
Sohn Young-Kyu *see* Young-Kyu Sohn
Sohrabi, K. *see* Bult, K. 17268
Sohraby, K. Mobility calculus in cellular wireless networks 6602
Sohraby, K. *see* Matragi, W. 35438
Sohraby, K. *see* Ofek, Y. 35748
Sohraby, K. *see* Wen-Jung Hsin 5778
Sohwan Ong, Myung Hoon Sunwoo Design and implementation of the SliM image processor chip 48410
Soibel, A., Meirav, U., Dahalu, D., Shtrikman, H. Magnetoresistance in a back-gated surface superlattice 42214
Soibel, A., Meirav, U., Mahalu, D., Shtrikman, H. Fabrication and transport measurements of honeycomb surface superlattices 12845
Soibel, A. *see* Messica, A. 42211
Soibelzon, H.L. Examinations in the area of power systems in Argentine engineering colleges 19088
Soifer, V.A., Kotlyar, V.V., Khonina, S.N., Khramov, A.G. The method of the directional field in the interpretation and recognition of images with structure redundancy 34979
Soifer, V.A., Kotlyar, V.V., Khonina, S.N., Skidanov, R.V. Fingerprint identification using the directions field 5627
Soille, P. Morphological partitioning of multispectral images 5520
Soininen, P.J. *see* Skarp, J.I. 52716
Soininen, P.T. *see* Skarp, J.I. 52716
Soininen, R. *see* Koskelainen, P. 26271
Soirat, J.P. *see* Cribier, M. 59193
Sojka, J.J., Schunk, R.W., Bowline, M.D., Crain, D.J. Ambiguity in identification of polar cap F-region patches: contrasting radio and optical observation techniques 50049
Sok Kim Eun *see* Eun Sok Kim
Sokcic-Kostic, M.S. *see* Antic, D.P. 19461
Sokei, S., Yamashiro, T., Iha, Z., Toguchi, M. Study of recognition for okinawa syamisen score KUNKUNSI 56846
Sokhin, V.P. *see* Ryzhikov, V.D. 28031
Sokil-Melgar, J. *see* Ferrara, K.W. 28134
Sokil-Melgar, J. *see* Ferrara, K.W. 28186
Sokola, M., Vuckovic, V., Levi, E. Iron losses in current-controlled PWM inverter fed induction machines 9580
Sokola, M. *see* Levi, E. 61194
Sokolic, S., Amon, S. Base transport properties of npn SiGe heterojunction bipolar transistors: physics and modelling 32383
Sokolic, S., Amon, S. Modelling base transport properties of npn SiGe HBT 42958
Sokolik, I. *see* Edwards, A. 23697
Sokoll, T. *see* Norkus, V. 17490
Sokolov, A. *see* Kalashnikova, I. 13233
Sokolov, A.A. *see* Mikheev, O.V. 34265
Sokolov, A.A. *see* Podosenov, S.A. 33817
Sokolov, A.D., Fokin, V.N., Sharonov, G.A. Measurement of interference-pattern parameters of the near acoustic field of a deep-sea noise source 4716
Sokolov, A.D. *see* Korenkov, I.P. 60089
Sokolov, A.D. *see* Merenkov, A.P. 50688
Sokolov, A.S. *see* Gornov, A.O. 20100
Sokolov, A.Yu., Kabashima, S. Numerical simulation of nonlinear ionization nonuniformities in nonequilibrium disk MHD generator 51612
Sokolov, A.Yu. *see* Safronova, O.N. 61097
Sokolov, I.A. *see* Alexeev, A.N. 12221
Sokolov, I.A. *see* Alexeev, A.N. 12713

Sokolov, I.A. *see* Marshall, R.H. 27553
Sokolov, I.V. *see* Prokshin, A.N. 23470
Sokolov, M.I. *see* Karutin, N.V. 47838
Sokolov, N.P. *see* Golovanov, A.V. 29101
Sokolov, N.S., Alvarez, J.C., Gastev, S.V., Shusterman, Yu.V., Takahashi, I., Itoh, Y., Harada, J., Overney, R.M. High quality CaF_2 layers on Si(111) with type-A epitaxial relation at the interface 12571
Sokolov, N.S. *see* Itoh, Y. 12561
Sokolov, N.S. *see* Izumi, A. 778
Sokolov, N.S. *see* Konopsky, V.N. 53925
Sokolov, O. *see* Kovita, S. 21537
Sokolov, O.B., Skipidarov, S.Ya., Duvankov, N.I., Zaitsev, E.V. Doping with organic halogen-containing compounds the $Bi_2(Te,Se)_3$ solid solutions 32151
Sokolov, O.L. *see* Katsan, L.F. 40729
Sokolov, S.V. A noncoherent optical waveguide device for solving differential equations 3514
Sokolov, S.V. *see* Rasshcheplyaev, Yu.S. 3512
Sokolov, V.N., Melnik, V.N., Yurkovets, D.I. Analysis of SEM stereoscopic images 12132
Sokolov, V.O. *see* Sulimov, V.B. 13605
Sokolov, V.S. *see* Slavin, V.S. 20054
Sokolov, V.V. *see* Suvorov, A.V. 12664
Sokolova, E., Reyes Cortes, S.D.A. Wide range CCD spectrometer 3524
Sokolova, E.Y. *see* Odintsov, V.I. 33616
Sokolova, N.S. *see* Kolev, D. 54404
Sokolovskaya, A.I. *see* Kudryavtseva, A.D. 4989
Sokolovskii, B.S. *see* Savitskii, V.G. 44250
Sokolovskii, G.S., Rafailov, E.U., Deryagin, A.G., Kuchinskii, V.I., Portnoi, E.L., Moujoud, A., Ochiai, M., Temkin, H. Picosecond InP photoconductors produced by deep implantation of heavy ions 44232
Sokolovsky, E.A. *see* Guharay, S.K. 42867
Sokolovsky, S.V. *see* Gorbunov, M.E. 38063
Sokolowski, J.H. *see* Byczynski, G.E. 10932
Sokolowski, J.S. *see* Facco, A. 49139
Sokolowski, M. *see* Heske, C. 42424
Sokolska, I. *see* Savin, D.P. 1977
Sokolskii, M.N. *see* Stavdas, A. 26750
Sokolyuk, N.T. *see* Koroteev, N.I. 43902
Sokurinskaya, E.V. *see* Dreiden, G.V. 33623
Solaas, G.A. *see* Biondini, F. 48113
Solaiman, B., Pyndiah, R., Aitsab, O., Roux, C. Robust source coding scheme for image transmission over noisy-channels 46500
Solaiman, B., Roux, C., Rangayyan, R.M., Pipelier, F., Hillion, A. Fuzzy edge evaluation in ultrasound endosonographic images 18233
Solaiman, B. *see* Sergi, R. 8302
Solak, E. *see* Morgul, O. 21461
Solakiewicz, R.J. *see* Koshak, W.J. 38076
Solal, M., Clemens, J.C. Electronics for pixel detectors 37498
Solana, E., Baggiolini, V., Ramluckun, M., Harms, J. Automatic and reliable elimination of E-mail loops based on statistical analysis 16184
Solanki, R. *see* Engelmann, R. 44226
Solano Gonzalez, J. *see* Garcia Nocetti, D.F. 4737
Solans, X. *see* Sole, R. 682
Solares, G. *see* Riley, K. 8126
Solares, G.R. *see* Harling, O.K. 8123
Solares, G.R. *see* Kiger, W.S., III 8122
Solares, G.R. *see* Kiger, W.S., III 8127
Solarz, R., Beach, R., Bibeau, C., Campbell, E., Krupke, W., Marshall, C., Page, R., Paisner, J., Payne, S., Perry, M., Schaefer, K., Scheibner, K. Current research directions and topics in the Laser Directorate at Lawrence Livermore National Laboratory 55954
Solayappan, N., Derbenwick, G.F., McMiillan, L.D., Paz de Araujo, C.A., Hayashi, S. Conformal LSMCD deposition of $SrBi_2(Ta_{1-x}Nb_x)_2O_9$ 52826
Solayappan, N., Raina, K.K., Pandey, R.K., Varshney, U. Role of antimony sulfide buffer layers in the growth of ferroelectric antimony sulfoiodide thin films 52782
Solberg, A.H.S. Texture fusion and classification based on flexible discriminant analysis 5421
Solberg, A.H.S. *see* Solberg, R. 8560
Solberg, A.H.Schistad *see* Schistad Solberg, A.H.
Solberg, R., Solberg, A.H.S., Koren, H., Aas, K. The suitability of future high-resolution satellite imagery for forest inventory 8560
Solberg, R. *see* Schistad Solberg, A.H. 8521
Solberg, T.D. *see* DeMarco, J.J. 49759
Solberg, V. A chip-scale packaging technology for surface mount assembly 10124
Solberg, V. Chip-scale ball grid array packaging for surface mount technology 20864
Solbiati, G.L. Managing the EMC between an AC railway line and the external world 9648
Solbrond, A. *see* Rensmo, H. 12606
Solcia, C. *see* Giannantonio, R. 41724
Solcia, C. *see* Pliska, T. 33058
Soldatenko, V.A. *see* Dmitrenko, V.E. 9502
Soldatov, E.S., Khanin, V.V., Trifonov, A.S., Presnov, D.E., Yakovenko, S.A., Khomutov, G.B., Gubin, C.P., Kolesov, V.V. Single-electron transistor based on a single cluster molecule at room temperature 2732
Soldatov, E.S. *see* Iakovenko, S.A. 31641
Soldatov, N.N. *see* Sharygin, L.M. 38465
Soldermann, R. *see* Oudot, G. 8999
Soldo, Y. *see* Dalba, G. 7846
Soldovieri, F. *see* Isernia, T. 15352
Sole, I. *see* Delgado, A. 427
Sole, P. *see* Bonnecaze, A. 56321
Sole, P. *see* Pless, V. 45601
Sole, R., Ruiz, X., Cabre, R., Aguilo, M., Diaz, F., Nikolov, V. Co and Sn substituted barium M-hexaferrites: single crystal growth and magnetic characterization 10602
Sole, R., Ruiz, X., Cabre, R., Gavalda, J., Aguilo, M., Diaz, F., Nikolov, V., Solans, X. $KTiOPO_4$ single crystals grown from neodymium modified fluxes 682
Sole, R., Zhang, X.X., Ruiz, X., Aguilo, M., Diaz, F. Magnetic properties of $BaFe_{12-(x+y)}Sn_xCo_yO_{19}$ single crystals 3177
Sole-Pareta, J., Santos-Boada, G., Noguera-Puig, F. Supporting distance learning applications on top of current public bearer services 47324
Sole-Pareta, J., Vila-Sallent, J. Network-based parallel computing over ATM using improved SSCOP protocol 26115
Soleimani, H. *see* Cheng-Liang Huang 13147
Soleimani, H.R. *see* Cheng-Liang Huang 43046
Soleimani, H.R. *see* Chuan Lin 12726
Soleit, E.A. A fast adaptive recursive filter 56432
Solera, J.A. *see* Algarabel, P.A. 3246
Soleres, E. *see* Jacob, J.F. 47421
Soleres, E. *see* Warzanskyj, W. 26388
Solerno, P. *see* Krick, T. 30415
Solero, G. *see* Coghe, A. 27391
Soleymani, M.R. *see* Nassar, C.R. 4828
Solgaard, O. *see* Daneman, M.J. 44052
Solgaard, O. *see* Meng-Hsiung Kiang 13182
Solgaard, O. *see* Meng-Hsiung Kiang 44053
Solheim, F. *see* Ware, R. 47878
Solheim, N. *see* Barranco-Luque, M. 49012
Solhusvik, J., Lavernhe, F., Montseny, G., Farre, J.A. A new low-noise CCD signal acquisition method based on a commutable band-pass filter 34862
Soli, S.D. *see* Wang, A. 28686
Soli, S.D. *see* Wang, A. 34645
Soli, S.F. *see* Wang, A. 28442
Soliet, E.A. RLS solution for the adaptive recursive filter 56520
Solignac, S. *see* Besancon, R. 34392
Soliman, A.M. New inverting-non-inverting bandpass and lowpass biquad circuit using current conveyors 11562
Soliman, A.M. A linear transconductor/multiplier using a matched pair of MOS transistors and a current conveyor 21797
Soliman, A.M. Applications of the current feedback operational amplifiers 31124
Soliman, A.M. Generation of current conveyor-based all-pass filters from op amp-based circuits 41323
Soliman, A.M. *see* Elwakil, A.S. 53067
Soliman, A.M. *see* Elwakil, A.S. 53068
Soliman, A.M. *see* Elwan, H.O. 11561
Soliman, F.A.S. Applications of open circuit voltage decay technique for the characterisation of photovoltaic devices 61079
Soliman, F.A.S., El-Shabat, I.A., Al-Kabbani, A.S.S., Farag, F.M. Radiation and temperature effects on the operation of microwave active filters 53669
Soliman, F.A.S. *see* El-Shahat, I.A. 53670
Soliman, H.H. *see* Abo-Elsoud, M.A. 53488
Soliman, H.H. *see* El-Bakry, H.M. 53487
Soliman, K.A.M. BER improvement of CSDD scheme in frequency-selective Rayleigh channels with CCI using an efficient decision feedback technique 46536
Soliman, K.A.M. Performance of FFH-GMSK signals with CSDD scheme in frequency-selective Rayleigh channels with CCI 58177
Soliman, S.A. An algorithm based on least absolute value for measuring the phase angle between two signals for power system protection 28931
Soliman, S.A., Abdel Rahman, M.H., El-Hawary, M.E. Power system measurements based on fuzzy linear regression algorithm for power system protection 19393
Soliman, S.A., Al-Kandari, A.M. A simple and novel technique for linear and nonlinear load modelling in the time domain 8742
Soliman, S.A., Al-Kandari, A.M. Kalman filtering algorithm for on-line identification of input-output curves for thermal power plant 9089
Soliman, S.A., Al-Kandari, A.M., El-Hawary, M.E. Procedures for measuring the local frequency and voltage phasor magnitude of distorted voltages for power system relaying 60428
Soliman, S.A., El-Hawary, M.E. Application of Kalman filtering for online estimation of symmetrical components for power system protection 60427
Soliman, S.A., Persaud, S., El-Nagar, K., El-Hawary, M.E. Application of least absolute value parameter estimation technique based on linear programming to short-term load forecasting 19258
Soliman, S.A., Persaud, S., El-Nagar, K., El-Hawary, M.E. Application of least absolute value parameter estimation based on linear programming to short term load forecasting 50483
Soliman, S.A. *see* Abbasy, N.H. 9090
Soliman, S.S. *see* Yawpo Yang 34507
Solimeno, S. *see* de Lisio, C. 55898
Solimini, D. *see* Ferrazzoli, P. 28673
Solin, S.A., Thio, T., Bennett, J.W., Hines, D.R., Kawano, M., Oda, N., Sano, M. Self-biasing nonmagnetic giant magnetoresistance sensor 27441
Solina, P. *see* van Breemen, J. 26864
Solis, C. *see* Thompson, P. 31650
Solis, J. *see* Garcia, C. 12183
Solis, J. *see* Siegel, J. 2069
Solis, J. *see* Villegas, R.J. 38580
Solis, J.L., Frantti, J., Lantto, V. A study of electrical and optical properties of sputtered SnO_2-WO_3 thin films 2058
Solis, J.L., Lantto, V. Gas-sensing properties of different α-$SnWO_4$-based thick films 58881
Solis, J.L. *see* Golovanov, V. 27715
Solis, R.A.R. *see* Breakall, J.K. 24594
Solka, J.L., Marchette, D.J., Rogers, G.W., Durling, E.C., Green, J.E., Talsma, D. Region of interest identification in unmanned aerial vehicle imagery 60175
Soll, S.L. *see* Beauchamp, P.M. 36693
Sollenberger, N.R., Kasturia, S. A 16 kbps voice mode for indoor IS-136 TDMA systems 47779
Sollner, J. *see* Boemare, C. 22314
Sollner, J. *see* Gurskii, A.L. 22364
Solms, F. *see* Van Rooyen, P. 16601
Solms, S.H.von *see* von Solms, S.H.
Solo, V. Stability of the Kalman filter with stochastic time-varying parameters 34963
Solo, V. Adaptive estimation of effective bandwidth in ATM networks 35456
Solo, V. A sure-fired way to choose smoothing parameters in ill-conditioned inverse problems 57499
Solodov, E.P. *see* Aksenov, G.A. 36440
Solodov, E.P. *see* Anashkin, E.V. 37232
Solodov, G. *see* Murphy, C.T. 49262
Solodukhin, A.S. *see* Badikov, V.V. 24178
Solodukhov, V.V. *see* Vasil'ev, E.N. 14595
Solodyak, M., Gachkevich, A., Dziubachyk, O. The thermoelasticity of ferromagnetic solids by deep induction heating 43631
Sologuren, D. *see* Kurrer, R. 19918
Soloman, J. *see* Ghuman, P. 8290
Solomatin, V.A. Spatial-frequency analysis of optical images by spatial rasters based on multielement radiation detectors 58737
Solomennikov, V.Y. Separating systems of conjunctions 45607
Solomin, J.E. *see* Rodriguez, R. 10557
Solomon, C.J. *see* Seeger, M. 17791
Solomon, D. *see* Hoffman, P. 20912
Solomon, G.A. Magnetron performance optimized from 10 to 100 kW CW 1927
Solomon, P.M. *see* Frank, D.J. 21613
Solomon, S., Tribble, A., Lum, N., Venzon, J., Domingo, G., Hoffman, A., Smith, M. High-background, longwave Si:As IBC 320×240 IR focal plane array 48651
Solomon, S. *see* Sreemoolanadhan, H. 1692
Solomon, S.C., Barth, C.A., Axelrad, P., Bailey, S.M., Brown, R., Davis, R.L., Holden, T.E., Kohnert, R.A., Lacy, F.W., McGrath, M.T., O'Connor, D.C., Perich, J.P., Reed, H.L., Salada, M.A., Simpson, J., Srinivasan, J.M., Stafford, G.A., Steg, S.R., Tate, G.A., Westfall, J.C., White, N.R., Withnell, P.R., Woods, T.N. The Student Nitric Oxide Explorer 60062
Solomon, T. *see* Yohannes, T. 39082
Solomonov, Yu.A., Shandarov, S.M., Shandarov, V.M. Collinear mixing of orthogonally polarized leaky modes in a $LiNbO_3$:Cu:Ti waveguide 33095
Solomun, T. *see* Schroeter, C. 10823
Solonetskii, Yu.S. Combined means of signature-logic analysis 36403
Solorza-Feria, O. *see* Ordonez-Regil, E. 825
Soloshenko, I.A. Collective processes in technological ion beams 24369
Soloveichik, Y. Iterative method for solving finite element systems of algebraic equations 40175
Solov'ev, N.G. *see* Oparin, A.N. 5444
Solov'ev, O.V. On the problem of coastal refraction in an impedance waveguide 33956
Solov'ev, O.V., Agapov, V.V. Calculation of VLW fields in a waveguide with a 3-D local inhomogeneity 45129
Solov'ev, V.A. *see* Karlina, L.B. 39049
Solov'ev, V.D. *see* Anan'ev, Yu.A. 14206
Solov'eva, E.B. Identification of the transfer functions of the nonlinear system by the splitting method 4846
Solov'eva, F.I. *see* Avgustinovich, S.V. 45608
Soloviev, O.V., Agapov, V.V. An asymptotic three-dimensional technique to study radio wave propagation in the presence of a localized perturbation of environment 56048
Soloviev, V.A. *see* Kuznetsov, N.I. 12538
Soloviov, V.S. *see* Machehin, Yu.P. 17183
Soloviov, Y. *see* Makhrovskiy, O. 35797
Solovov, A.V. *see* Shvetsov, G.A. 31677
Solovov, V. *see* Akimov, D. 59257
Solovov, V.N. *see* Akimov, D.Yu. 37245
Solov'yev, O.V. On solution of the vector 3-D locally irregular waveguide problem 4322
Solovyov, V.C. *see* Kleyman, A.S. 27860
Soloway, D. *see* Haley, P. 8228
Solozabal, R. *see* Alava, J.I. 371
Solskii, I. *see* Frukacz, Z. 13534
Sol'skii, I.M. *see* Georgadze, A.Sh. 18101
Solt, K., Melchior, H., Kroth, U., Kuschnerus, P., Persch, V., Rabus, H., Richter, M., Ulm, G. PtSi-n-Si Schottky-barrier photodetectors with stable spectral responsivity in the 120-250 nm spectral range 17363

Soltanian-Zadeh, H., Windham, J.P. Linear filter design for CNR enhancement of MR images with multiple interfering features 59506
Soltanian-Zadeh, H., Windham, J.P., Peck, D.J. Optimal linear transformation for MRI feature extraction 18267
Soltanian-Zadeh, H. *see* Ashjaei, B. 59510
Soltanian-Zadeh, H. *see* Ghanei, A. 59507
Soltanian-Zadeh, H. *see* Peck, D.J. 8029
Soltau, H. *see* Schuetz, T. 34646
Soltis, S.M. *see* Stowell, M.H.B. 18159
Soluch, W. Surface acoustic wave two resonator filter using synchronous coupling interdigital transducers 32774
Soluch, W. SAW two resonator filter using synchronous coupling interdigital transducers 32778
Soluri, A. *see* de Notaristefani, F. 28228
Solvie, M. *see* Feldmann, K. 47372
Solvsten, M. Providing data adhering to IHO standards for hydrographic surveys (SP44 and SP52) for navigational chart products with ELAC's Bottom Chart Compact System 50159
Solyak, N. *see* Garvey, T. 49193
Solyak, N.A. *see* Dolbilov, G.V. 37044
Solyanik, V.P. *see* Kuznetsov, B.I. 50900
Solymar, L. *see* Aguilar, M. 42218
Solyom, A. *see* Zak, T. 3089
Solz, T.J., Jr., Reising, J.M., Barry, T.P., Hartsock, D.C. Voice and aided hand trackers to designate targets in 3-D space 19004
Solz, T.J., Jr. *see* Liggett, K.K. 59932
Solzi, M., Albertini, F., Asti, G., Bolzoni, F., Suberbielle, I., Liu, J.P., de Boer, F.R. Magnetic phase transitions in interstitial compounds $Er_2Fe_{17}C_x$ 3130
Solzi, M. *see* Asti, G. 7252
Solzi, M. *see* Asti, G. 7528
Solzi, M. *see* Asti, G. 7537
Soma, A. *see* De Bona, F. 48972
Soma, M. Automatic test generation algorithms for analogue circuits 10045
Soma, M. Review of IEEE P1149.4 mixed-signal test bus standard 31404
Soma, M. *see* Devarayanadurg, G. 43230
Soma, M. *see* Kyung-Im Son 54781
Somalwar, N.A. *see* Asthana, M. 10302
Somalwar, S. *see* Bauer, C. 37326
Somalwar, S. *see* Bauer, C. 37378
Soman, V.V., Valdes, J.B., North, G.R. Estimation of sampling errors and scale parameters using two- and three-dimensional rainfall data analyses 38071
Somani, A. *see* Yu, J. 33129
Somani, A.K. *see* Subramaniam, S. 46633
Somashekar, A. *see* O'Brien, S. 42480
Somasiri, N.L.D., Talbot, V.M., Clatanoff, W.J., Morrison, E.D. Vanadium pentoxide based antistatic coatings 24351
Sombra, A.S.B. *see* De Araujo, M.T. 33400
Someda, C.G. *see* De Angelis, C. 55249
Someda, C.G. *see* Galtarossa, A. 33035
Someda, Y., Shoda, A.Y., Saitou, N. Triangular-variable-shaped beams using the cell projection method 22670
Someda, Y. *see* Mizuno, K. 22694
Someda, Y. *see* Sohda, Y. 22704
Somei, H. *see* Watanabe, K. 29477
Somekh, M.G. *see* Chung Wah See 17841
Somekh, M.G. *see* Liu, Y. 17822
Somekh, M.G. *see* Sawyer, N.B.E. 7652
Somenzi, F. *see* Bahar, R.I. 11030
Somenzi, F. *see* Hachtel, G.D. 21626
Somenzi, F. *see* Hyunwoo Cho 21624
Somenzi, F. *see* Hyunwoo Cho 21625
Somenzi, F. *see* Pardo, A. 21442
Somenzi, F. *see* Ravi, K. 31246
Somenzi, F. *see* Woohyuk Lee 11341
Somerford, D.J. *see* Chen, X. 31981
Somers, D.M., Tangler, J.L. Wind tunnel test of the S814 thick root airfoil 29167
Somers, F. Hybrid: unifying centralised and distributed network management using intelligent agents 35590
Somers, M.L. *see* Le Bas, T.P. 18869
Somers, P.A.A.M. *see* Maas, A.A.M. 7613
Somerville, M.H., del Alamo, J.A. A model for tunneling-limited breakdown in high-power HEMTs 43139
Somerville, M.H., del Alamo, J.A., Saunier, P. Off-state breakdown in power pHEMTs: the impact of the source 1719
Somerville, T.A. *see* Alberkrack, J.H. 51200
Someya, T. *see* Kadoya, Y. 31956
Someya, T. *see* Osaka, M. 59654
Someya, Y. *see* Yoshida, T. 61056
Sommargren, G.E. *see* Kania, D.R. 22664
Sommeijer, B.P. *see* van der Houwen, P.J. 10541
Sommeijer, B.P. *see* Verwer, J.G. 40291
Sommen, P.C.W. *see* Egelmeers, G.P.M. 15343
Sommer, F.Graham *see* Graham Sommer, F.
Sommer, G. *see* Bayro-Corrochano, E. 5087
Sommer, G. *see* Bruske, J. 15868
Sommer, G. *see* Herpers, R. 5344
Sommer, G. *see* Lasenby, J. 5098
Sommer, G. *see* Lasenby, J. 57238
Sommer, M., Strauss, H. A condition of Schoenberg-Whitney type for multivariate spline interpolation 511
Sommer, M. *see* Schimpf, K. 41444
Sommer, R. *see* Borchers, C. 11156
Sommer, R. *see* Gediga, S. 51155
Sommer, W.F. Qualification tests of materials for spallation neutron sources 18066
Sommerfeld, B.G., Slocum, D.B. Implementation of a fault-tolerant system in real-time data collection 50189
Sommerstange, M., Hauke, W., Reinboth, K., Schwedtmann, U., Schweer, A. Wind maps for land-locked country 50868
Somnath Deb, Murali Yeddanapudi, Krishna Pattipati, Bar-Shalom, Y. A generalized S-D assignment algorithm for multisensor-multitarget state estimation 56467
Somov, L.N. *see* Abalin, S.S. 9042
Somov, S., Reinhardt, G., Guth, U., Gopel, W. Gas analysis with arrays of solid state electrochemical sensors: implications to monitor HCs and NO_x in exhausts 36782
Somps, C.J., Pickeringa, J.L., Madou, M.J., Hines, J.W., Gibbs, D.L., Harrison, M.R. Electrochemical performance of an ion selective, polymeric membrane following chronic implantation in rat subcutaneous tissue 27705
Son, C.S. *see* Kim, S.-I. 52650
Son, D., Sievert, J.D., Cho, Y. Core loss measurements including higher harmonics of magnetic induction in electrical steel 23383
Son, H. *see* Ko, J.H. 45054
Son, H. *see* Lee, J.I. 45055
Son, H. *see* Lee, Y.S. 4299
Son, H. *see* Lee, Y.S. 24506
Son, J., Jeong, S., Budiarto, E., Bokor, J. Terahertz pulse probing of metal-oxide-semiconductor inversion layers 2264
Son, J.S., Howe, R., Wang, J., Hager, G.D. Preliminary results on grasping with vision and touch 36501
Son, J.S., Tariq, S., Flores, B.C. Phase difference method for target motion compensation of stepped-frequency ISAR signatures 26998
Son, J.S. *see* Flores, B.C. 6894
Son, J.W., Oh, Y.Y., Lee, H.T., Lee, J.Y., Lee, S.B. Input polling arbitration mechanism for a gigabit packet switch 5712
Son, M., Peddie, F., Mulcahy, D., Davey, D., Haskard, M.R. A microbioreactor based on interfacial polymerisation and application to flow injection analysis of glucose 27696
Son, M.-S., Lee, J.-H., Byun, K.-B., Hwang, H.-J. Three-dimensional Monte Carlo simulation of implanted boron and damage distribution on crystalline silicon considering mask structure 54345
Son, M.-S. *see* Lee, J.-H. 42608
Son, M.H. *see* Kim, E.K. 52792
Son, M.S. *see* Lee, J.H. 12743
Son, N.J., Park, B.H., Ahn, J.C., Bae, J.H., Kwon, O.D. Fabrication of 10 W-high power laser diode array 24018
Son, N.T., Sorman, E., Chen, W.M., Bergman, J.P., Hallin, C., Kordina, O., Konstantinov, A.O., Monemar, B., Janzen, E., Hofmann, D.M., Volm, D., Meyer, B.K. Effects of microwave fields on recombination processes in 4H and 6H SiC 31889
Son, N.T., Sorman, E., Chen, W.M., Hallin, C., Kordina, O., Monemar, B., Janzen, E., Lindstrom, J.L. Optically detected magnetic resonance studies of defects in electron-irradiated 3C SiC layers 42015
Son, P.van *see* van Son, P.
Son, S.-J. *see* Lee, C.-R. 30792
Son Chang-Sik *see* Chang-Sik Son
Son Chang-Wan *see* Chang-Wan Son
Son Chun Chong *see* Chong Son Chun
Son Dao *see* Yongguang Zhang 46796
Son Huynh *see* Chen, C.H. 34486
Son Jeong-Sik *see* Jeong-Sik Son
Son Jeonghwan *see* Jeonghwan Son
Son Ji-Yeon *see* Ji-Yeon Son
Son Jin-Geun *see* Jin-Geun Son
Son Ki Chang *see* Ki Chang Son
Son Kwang Chul *see* Kwang Chul Son
Son Kwang-Myoung *see* Kwang-Myoung Son
Son Kyung Sik *see* Kyung Sik Son
Son Kyung-Im *see* Kyung-Im Son
Son Lee Bom *see* Bom Son Lee
Son Moon-Hae *see* Moon-Hae Son
Son Sung-Jin *see* Sung-Jin Son
Son Woo Jung *see* Woo Jung Son
Son Young-Dae *see* Young-Dae Son
Son Yung-Sung *see* Yung-Sung Son
Son-Ki Ihm *see* Hyung-Joon Choi 20010
Sonajalg, H., Ratsep, M., Saari, P. Demonstration of the Bessel-X pulse propagating with strong lateral and longitudinal localization in a dispersive medium 55764
Sonajalg, H. *see* Saari, P. 55797
Sonak, R.V. *see* Sarkar, A. 35301
Sonato, P., Zollino, G. Three-dimensional analysis and magnetic shield design for an electromagnetic valve by an FE code 33912
Sonato, P. *see* Collarin, P. 29437
Soncini, G. *see* Bacchetta, N. 59289
Soncini, G. *see* Bellutti, P. 58850
Soncini, G. *see* Colalongo, L. 58724
Soncini, G. *see* Conti, M. 2840
Soncini, G. *see* Lui, A. 48463
Soncini, G. *see* Vianello, F. 50213
Sonderegger, M. *see* Masamune, K. 8076
Sondheim, W. *see* Brooks, M.L. 59300
Sondheim, W. *see* Fields, D.E. 59301
Sondheim, W. *see* Lee, D.M. 59268
Sondheim, W.E. *see* Morris, C.L. 946
Sondhi, M.Monhan *see* Monhan Sondhi, M.
Sondhi, S.L. *see* de C. Chamon, C. 43159
Sone, I. *see* Fujimoto, T. 27526
Sone, I. *see* Sato, T. 58951
Sone, J. *see* Kawaura, H. 54673
Sone, K., Yoshida, K., Oka, T., Abe, Y., Miri, Y., Nagashima, A. Spray cooling characteristics of water and FC-72 under reduced and elevated gravity for space application 28491
Sone, K. *see* Nishida, Y. 31346
Sone, M. *see* Itahashi, S. 23222
Sone, M. *see* Iwasawa, T. 23101
Sone, M. *see* Iwasawa, T. 32602
Sone, M. *see* Iwasawa, T. 43429
Sone, M. *see* Iwasawa, T. 43435
Sone, M. *see* Ohta, K. 32603
Sone, M. *see* Pecharanin, N. 53404
Sone, M. *see* Takahashi, E. 41750
Sone, M. *see* Wada, Y. 60179
Sone, M. *see* Watanabe, H. 45709
Sone, M. *see* Yamada, K. 46105
Sone, S., Yabuta, H., Kato, Y., Iizuka, T., Yamamichi, S., Yamaguchi, H., Lesaicherre, P.-Y., Nishimoto, S., Yoshida, M. Low temperature deposition of $(Ba,Sr)TiO_3$ films by electron cyclotron resonance plasma chemical vapor deposition 854
Sone, S. *see* Hayashibe, R. 59440
Sone, S. *see* Koseki, T. 20164
Sone, S. *see* Yamaguchi, H. 41538
Sone, S. *see* Yoshida, M. 11441
Sone, T., Ohkawa, N., Kawashima, Y., Matsui, Y., Sugiura, Y., Araki, T., Kamozawa, M., Ueno, M., Kaneda, O., Ishikawa, T., Hata, H., Hashima, K., Nakagi, Y., Yamada, A., Kimata, M. Performance of new handheld IR camera using uncooled bolometer FPA 27663
Sone, T. *see* Abe, K. 48272
Sone, T. *see* Asano, F. 34738
Sone, T. *see* Guoyue Chen 45732
Sone, T. *see* Hack-Yoon Kim 24834
Sone, T. *see* Nishimura, R. 24811
Sone, Y., Yoshuda, T., Ishikawa, H. New Mr. Slim commercial air-conditioners with compact ceiling cassettes 20241
Sone Chang-Soo *see* Chang-Soo Sone
Sonek, G.J. *see* Li, G.P. 22889
Soner, H.M. *see* Martins, L.F. 10250
Song, B. *see* Hong, W. 11105
Song, B.C., Lim, K.W., Ra, J.B. A fast motion estimation algorithm using spatial correlation of motion field and hierarchical search 15618
Song, B.C. *see* Lim, K.W. 56857
Song, B.K. *see* Han, M.S. 42369
Song, B.K. *see* Han, M.S. 54097
Song, B.K. *see* Hou, Y.B. 32113
Song, C.D. *see* Jung, H.D. 42381
Song, C.R. *see* Lan, C.W. 10607
Song, G. *see* Yung, K.L. 38763
Song, G.H. Time-dependent analysis of acousto-optic tunable filters for multichannel optical switching 44126
Song, G.H. Asymmetric dilation of multiwavelength cross-connect switches for low-crosstalk WDM optical networks 47916
Song, H.-J., Bialkowski, M.E. A multilayer microstrip patch antenna subarray design using CAD 45446
Song, H.J. *see* Allgair, J. 54386
Song, H.Jin *see* Jin Song, H.
Song, I., Roberge, J., Neumann, A., Marcus, R.H., Soble, J.S. Tracking regional left ventricular wall movement using 2-D echocardiographic cineloops in concert with synthetic M-mode images 37734
Song, I. *see* Bae, J. 24917
Song, I. *see* Chang, T. 56298
Song, I. *see* Lyu, D. 46659
Song, I. *see* Yong Up Lee 34736
Song, J., Chan, C.K., Tong, F.K., Chen, L.K. Extinction ratio induced crosstalk system penalty in WDM networks 6747
Song, J., McLaren, P.G., Thomson, D.J., Middleton, R.L. A clamp-on magneto-optical current transducer for power systems 19421
Song, J., Yuan, J.S. Comments on "On the base profile design and optimization of epitaxial Si- and SiGe-base bipolar technology for 77 K applications. II. Circuit performance issues" 54607
Song, J. *see* Henke, H. 49122
Song, J. *see* Kaminskii, A.A. 44738
Song, J.-H. *see* Kim, J.-S. 10820
Song, J.-S. *see* Kwon, T.-K. 45597
Song, J.H. *see* Im, S. 32135
Song, J.H. *see* Kwon, S.H. 29666
Song, J.H. *see* Lee, T.S. 32196
Song, J.J. *see* Morkoc, H. 12362
Song, J.J. *see* Perry, W.G. 54090
Song, J.M., Lu, C.-C., Chew, W.C. Multilevel fast multipole algorithm (MLDM) for complex objects 36233
Song, J.M. *see* Bowen, J.M. 34242
Song, J.M. *see* Weng Cho Chew 45045
Song, J.S. *see* Kim, B.J. 48871
Song, J.S. *see* Kweon, H.J. 59665
Song, J.S. *see* Lim, H.T. 46587
Song, J.S. *see* Yoo, S.K. 49719
Song, J.T. *see* Ohm, W.Y. 12808
Song, K., Lee, J.-K., Jung, H.J. Structural and ferroelectric properties of the c-axis oriented $SrBi_2Ta_2O_9$

thin films deposited by the radio-frequency magnetron sputtering 13246
Song, K. *see* Plant, D.V. 13894
Song, M., MacWilliams, K.P., Woo, J.C.S. Comparison of NMOS and PMOS hot carrier effects from 300 to 77 K 22857
Song, M.-S. *see* Kim, M.-B. 18258
Song, M.H., Lee, Y.H., Hahn, T.S., Oh, M.H., Yoon, K.H. Thickness effects of SiO_xN_y interlayer inserted between $BaTiO_3$ insulating layer and ZnS:Mn phosphor layer in thin film electroluminescent devices 13860
Song, Q.W., Xu-Ming Wang, Haritatos, F. Test and analysis of an electro-optic dynamic diverging lens for three-dimensional optical memories 55168
Song, Q.Wang *see* Wang Song, Q.
Song, S. *see* Faulkner, R.G. 7764
Song, S.K. *see* Cho, J.S. 52758
Song, S.W. *see* Chang, S.H. 29560
Song, T.L. Target adaptive guidance for passive homing missiles 38162
Song, W., Mao, D., Zhu, Y., Tang, J., Trefny, J.U. Fabrication of high efficiency CdTe thin film solar cells using electrodeposition 39091
Song, W. *see* Tang, J. 39104
Song, W.-J. *see* Park, M.-S. 56446
Song, W.D., Lu, Y.F., Hong, M.H., Chong, T.C., Low, T.S. Theoretical and experimental investigation on laser dry cleaning of particles from substrate surfaces 22606
Song, W.D. *see* Lu, Y.F. 13456
Song, W.S. *see* Lee, T.S. 32196
Song, X. *see* Akay, H.U. 30288
Song, Y. Performance analysis of periodic and aperiodic real-time message transmission in FIP networks 25915
Song, Y. *see* Tin, C.C. 54304
Song, Y.-K. *see* Jeon, E.S. 12503
Song, Y.H., Gu, X., Morgan, R. Hypertext based power system dynamics courseware 91
Song, Y.H., Johns, A.T., Xuan, Q.Y. Radial basis function neural networks for fault diagnosis in controllable series compensated transmission lines 8850
Song, Y.H., Johns, A.T., Xuan, Q.Y. Artificial neural-network-based protection scheme for controllable series-compensated EHV transmission lines 8851
Song, Y.H., Wang, G.S., Johns, A.T., Wang, P.Y. Improved genetic algorithms with fuzzy logic controlled crossover and mutation 40127
Song, Y.H., Wang, G.S., Xia, Q., Johns, A.T., Wang, P.Y. Fuzzy controlled genetic algorithms: theory and applications to power economic dispatch 19191
Song, Y.H., Xuan, Q.Y., Johns, A.T. Comparison studies of five neural network based fault classifiers for complex transmission lines 19322
Song, Y.H. *see* Bo, Z.Q. 38415
Song, Y.H. *see* Kim, J. 12597
Song, Y.H. *see* Liu, J.Y. 19235
Song, Y.H. *see* Wan, H.B. 8738
Song, Y.H. *see* Wang, G.S. 19821
Song, Y.J. *see* Hwang, J.D. 2254
Song, Y.P. *see* Darhuber, A.A. 12449
Song, Y.Z. *see* Kulenovic, R. 36399
Song, Z.G., Ong, C.K., Gong, H. Insulator size effect on electron-irradiated quartz 54980
Song, Z.T. *see* Qianwang Chen 32189
Song Aiguo, Zen Qingjun, Huang Weiyi Passive algorithm for multi-sensor signal transmission in FTP technique 27442
Song Bang-Sup *see* Bang-Sup Song
Song Bao-Yu *see* Bao-Yu Song
Song Bong Seop *see* Bong Seop Song
Song Bong-Gee *see* Bong-Gee Song
Song Byeong Yeol *see* Byeong Yeol Song
Song Byung Kwon *see* Byung Kwon Song
Song Chun Zhu, Yuille, A.L. FORMS: a flexible object recognition and modelling system 15828
Song Chung Kun *see* Chung Kun Song
Song De Ma *see* Ge Cong 56706
Song De Ma *see* Li Li 5095
Song De Ma *see* Tianzi Jiang 5380
Song Dong-Il *see* Dong-Il Song
Song Gangbing *see* Gangbing Song
Song Hai-Bo *see* Hai-Bo Song
Song Han, Medioni, G. Spherical winged B-snakes 57255
Song He Stabilizing the Richardson eigenvector algorithm by controlling chaos 40189
Song He *see* Ortalano, M.W. 54193
Song Ho-Jun *see* Ho-Jun Song
Song Ho-Keun *see* Ho-Keun Song
Song Hong Yeop *see* Hong Yeop Song
Song Hong-Yeop *see* Hong-Yeop Song
Song Hyojeong *see* Hyojeong Song
Song Iickho *see* Iickho Song
Song In Choi *see* Seok Jin Jang 58162
Song In-Ho *see* In-Ho Song
Song Jae-Ho *see* Jae-Ho Song
Song Jai Chul *see* Jai Chul Song
Song Jai-Hyuk *see* Jai-Hyuk Song
Song Ji-Ming *see* Ji-Ming Song
Song Jian *see* Jian Song
Song Jiang *see* Giles, R. 47984
Song Jianjian *see* Jianjian Song
Song Jiaqing *see* Chen Wei 13831
Song Jiming *see* Jiming Song
Song Jin Ho *see* Jin Ho Song
Song Jinhu *see* Geng Rongli 59188
Song Jinsoo *see* Jinsoo Song
Song Jong Hyeong *see* Jong Hyeong Song
Song Jong Sub *see* Jong Sub Song
Song Jong-Hwan *see* Jong-Hwan Song
Song Jong-Hyeong *see* Jong-Hyeong Song
Song Joong-Goo *see* Joong-Goo Song
Song Jooseok *see* Jooseok Song
Song Jun Seok *see* Jun Seok Song
Song Junfeng *see* Junfeng Song
Song Jung Eun *see* Jung Eun Song
Song Kai-Tai *see* Kai-Tai Song
Song Ki-Whan *see* Ki-Whan Song
Song Kun-Weon *see* Kun-Weon Song
Song Kun-Woen *see* Kun-Woen Song
Song Kwang-Suk *see* Kwang-Suk Song
Song Leilei *see* Leilei Song
Song Li *see* Zhao Yuanzhe 40818
Song Li *see* Li Song
Song Liang Mong *see* Mong Song Liang
Song Lijuan *see* Lijuan Song
Song Lixin *see* Wang Zhishan 32882
Song Macheng *see* Xu Yanyang 53382
Song Macheng *see* Zhang Junghong 54760
Song Man Ho *see* Man Ho Song
Song Man-Ho *see* Man-Ho Song
Song Min Kyu *see* Min Kyu Song
Song Min-Kyu *see* Haksoo Han 58391
Song Min-Kyu *see* Min-Kyu Song
Song Mumin *see* Mumin Song
Song Ohsung *see* Ohsung Song
Song Peilin *see* Peilin Song
Song Pyung Joong *see* Pyung Joong Song
Song Qi Wang *see* Qi Wang Song
Song Qian, Zhang Yuancheng, Li Jixing, Zhang Yuanong Optical bistability of an Er^{3+}-doped fiber under Ar^{+}-laser irradiation 4075
Song Qiang *see* Qiang Song
Song Qiaqing *see* Qiaqing Song
Song Rak-Hyun *see* Rak-Hyun Song
Song Sanghoon *see* Sanghoon Song
Song Seok Ho *see* Seok Ho Song
Song Seok-Kyun *see* Seok-Kyun Song
Song Seung-Ho *see* Seung-Ho Song
Song Seung-Hyun *see* Seung-Hyun Song
Song Shengyi, Zhou Zhikui, Sun Chengwei Discharge of the plasma generator in electrothermal-chemical launchers 33864
Song Shi *see* Ying-Lan Chang 2383
Song Shi *see* Ying-Lan Chang 54072
Song Shuxian, Gao Benqing, Sun Mingyun 3-D contour technique for curved surfaces in FDTD method and its applications to Cassegrain antenna system 14696
Song Tae-Ho *see* Tae-Ho Song
Song Taek Lyul *see* Taek Lyul Song
Song Tao *see* Tao Song
Song Wei *see* Yu Zhu 44789
Song Wendong *see* An Chengwu 890
Song Wendong *see* Wendong Song
Song Wenmiao *see* Luo Jirun 53559
Song Won-Chul *see* Won-Chul Song
Song Woo-Chang *see* Woo-Chang Song
Song Xiaoqiu Combination method for parallel computation in ODEs 21186
Song Xiaoquan, Sun Zhongkang Radar network target tracking in a jamming environment 8646
Song Xiaoquan *see* Liu Qi 8644
Song Xiaoyu *see* Xiaoyu Song
Song Xing *see* Xing Song
Song Xiyong *see* Xiyong Song
Song Yao Zu *see* Yao Zu Song
Song Yaozu, Wu Ying, Kulenovic, R., Groll, M. Investigation of speckle displacement effects on speckle interferometry 36954
Song Yeqiong *see* Yeqiong Song
Song Yinglin *see* Zhu Peiwang 3315
Song Yingsong *see* Yu Zunquan 24236
Song Yiqun *see* Chen Chen 50321
Song Yonghua *see* Yonghua Song
Song Yongjun, Jin Lijun Frequency offset effect on HF adaptive frequency selection system and its estimation 45517
Song Yongzhong *see* Yongzhong Song
Song Yoon-Ho *see* Yoon-Ho Song
Song Young-Seog *see* Young-Seog Song
Song Young-Taek *see* Young-Taek Song
Song Yuanhong *see* Sun Jizhong 54370
Song Zhaohu, Chen Zhe, Fan Yuezu, Hung, J.C. Self-adjustable fuzzy management system of integrated INS/GPS/TAN 48176
Song-Cheol Hong *see* Dong-Wook Kim 11689
Song-cheol Hong *see* Kye-ik Jeon 32446
Song-Cheol Hong *see* O-Seung Yang 33294
Song-Hua Shen, Smidts, C., Mosleh, A. Application of a model-based human error taxonomy to the analysis of reactor operating events 38474
Song-Hua Shen *see* Schade, E. 9012
Song-Keun Lee, Jong-Keun Park, Kita, H., Hasegawa, J. Reactive power suppliers operation using a genetic algorithm 28854
Song-Keun Lee, Kwang-Myoung Son, Jong-Keun Park Reactive power supplier operation using a pyramid genetic algorithm 60182
Song-Lin Li *see* Li Song-Lin
Song-Ming-Tao *see* Xu Hu-Shan 18113
Song-Nian He *see* He Song-Nian
Song-Sheng Tan *see* Hongtao Han 3648
Song-yop Hahn *see* Chang Seop Koh 50010
Song-Yop Hahn *see* Dong-Hun Kim 9646
Song-Yop Hahn *see* Dong-Joon Sim 50955
Song-yop Hahn *see* Dongjin Bae 51023
Song-Yop Hahn *see* Gwan-Soo Park 43704
Song-yop Hahn *see* Hyang-beom Lee 51022
Song-yop Hahn *see* Hyoung Joong Kim 51852
Song-Yop Hahn *see* Il-Han Park 44960
Song-Yop Hahn *see* Seung-Hyun Song 41557
Song-Yop Hahn *see* Tae Kyung Chung 51042
Song-yop Hahn *see* Yangsoo Lee 51021
Songcan Chen *see* Chen Songcan
Songchar Jiang Performance improvement of integrated services on CDMA wireless LANs using a novel protocol 6082
Songchar Jiang, Wande Wang Feasibility and protocol for wireless communication of multiple mobile terminals in factory automation 47061
Songchun Moon *see* Taekyung Byun 46728
Songchun Moon *see* Youngkon Lee 46729
Songde Ma *see* Ge Cong 5100
SongDe Ma *see* Ge Cong 5397
SongDe Ma *see* Ge Gong 15276
SongDe Ma *see* Liang Zhao 46346
Songde Ma *see* Tianzi Jiang 52541
Songde Ma *see* Ma Songde
Songerwala, M. *see* Farrell, C. 46918
Songgen Sun *see* Sun Songgen
Songhao Liu *see* Liu Songhao
Songhua He, Wenfeng Zhang, Guirong Guo High range resolution MMW radar target recognition approaches with application 6882
Songhua He *see* Wenfeng Zhang 6880
Songhua He *see* Wenfeng Zhang 6881
Songhua He *see* Wenfeng Zhang 36226
Songhua He *see* He Songhua
Songhua Shen *see* Shen Songhua
Songhua Shi *see* Carr, W.W. 33846
Songhurst, D., Kelly, F. Charging schemes for multiservice networks 46873
Songhvi, N.T., Hynynen, K., Lizzi, F.L. New developments in therapeutic ultrasound 18506
Songlin Bian *see* Bian Songlin
Songlin Feng *see* Feng Songlin
Songping Zhu, Satravaha, P. Solving nonlinear time-dependent diffusion equations with the dual reciprocity method in Laplace space 21174
Songsiriritthigul, P., Holmen, G. Thermal solid phase epitaxial growth and ion-beam induced crystallisation of Ge^{+} ion implanted layers in silicon 30746
Songsiriritthigul, P., Holmen, G., Olsson, E. Strained SiGe-alloy layers formed by solid phase epitaxial growth of Ge^{+} ion implanted silicon 52643
Songsiriritthigul, P. *see* He, Z.Q. 2121
Songtao Wang *see* Shengzhi Zhao 23838
Songtao Wang *see* Wang Songtao
Songyan Chen *see* Chen Songyan
Songyang Yu, Brown, S., Yu Xue, Ling Guan Enhancement and identification of microcalcifications in mammogram images using wavelets 28203
Songyu Yu *see* Yu Songyu
Soni, B.K. *see* Lakshmanan, S. 40256
Soni, R.A., Jenkins, W.K. Fast two-dimensional adaptive IIR algorithms 4735
Soni, R.K. *see* Mehta, B.R. 31790
Sonin, I.M. *see* Feinberg, E.A. 406
Sonju, V. Contract manufacturing–going cold turkey 53773
Sonka, M., Reddy, G.K., Winniford, M.D., Collins, S.M. Adaptive approach to accurate analysis of small-diameter vessels in cineangiograms 28218
Sonka, M. *see* Liang, W. 37733
Sonka, M. *see* Ma, C.M. 5470
Sonka, M. *see* Prause, G.P.M. 37736
Sonka, M. *see* Zhang, X. 49525
Sonmez, M.K., Rajasekaran, R., Baras, J.S. Robust recognition of cellular telephone speech by adaptive vector quantization 16609
Sonmez, M.K. *see* Adali, T. 25224
Sonmez, M.K. *see* Adali, T. 45948
Sonmez, M.K. *see* Bakal, B. 9055
Sonmez, M.K. *see* Bakal, B. 38512
Sonmez, M.K. *see* Bakal, B. 60532
Sonnemann, F. *see* Reif, K. 45824
Sonnenberg, K. *see* Althaus, M. 10634
Sonnenberg, T. *see* Tas, N. 23035
Sonnenberg, V. *see* Simoen, E. 42992
Sonnenschein, A. *see* Shutt, T. 37472
Sonnenschmidt, D., Vanselow, K.H. Measurement of water flow velocity by analysis of short temperature steps 17864
Sonntag, G.P. Investigation of perceptive discrimination of prosodic phrases 34678
Sonntag, J.L. *see* Fisher, G.D. 4463
Sonobe, H. *see* Oho, S. 27598
Sonobe, H. *see* Oho, S. 58815
Sonoda, A. *see* Yoshida, K. 61258
Sonoda, J. *see* Miyazaki, Y. 58459
Sonoda, N., Sun, Y., Miyasato, T. Evidence for the appearance of carbon-rich layer at the interface of SiC film/Si substrate 42086
Sonoda, N., Watari, Y., Sun, Y., Miyasato, T. Observation of the formation processes of hollow voids at the interface between SiC film and Si substrate 31933
Sonoda, T., Kajiwara, K., Ueda, R. Construction of a constant temperature bath with a resolution 10^{-5}°C for Zener diode type reference voltage 58620
Sonoda, T. *see* Kajiwara, K. 17761

Sonoda, T. *see* Kazihara, K. 40940
Sonoda, T. *see* Kitano, T. 43130
Sonoda, T. *see* Takamiya, S. 43114
Sonoda, Y. *see* Hiranuma, S. 12053
Sonoda, Y. *see* Motomura, T. 12025
Sonomura, H. *see* Uda, H. 36564
Sonozaki, S., Iwata, K., Iwahashi, Y. Profile measurement with no standard–measurement of profile along a circle with Fourier expansion 58997
Sonsino, D. Learning to learn, pattern recognition and Nash equilibrium 40020
Sonta, S., Rutkowski, P. TELEVILLAGE – modern rural telecommunications services 46838
Sonta, S. *see* Katanski, R. 46837
Sonuparlak, B., Lehigh, M.D. Design and fabrication of thermal management materials for high performance electronic packages 52222
Sonuparlak, B., Meyer, C. Silicon carbide reinforced aluminium for performance electronic packages 52268
Sonwalkar, V.S. *see* Carpenter, D.L. 45140
Sonza Reorda, M. *see* Corno, E. 40980
Sonza Reorda, M. *see* Corno, F. 41019
Soo, D.C. *see* Bang-Sup Song 47505
Soo, M.S. *see* Anderson, M. 18351
Soo, M.S. *see* Anderson, M.E. 37679
Soo, T. *see* Henry, T.R. 41213
Soo Chae Seung *see* Seung Soo Chae
Soo Chang *see* Jong Sub Song 48962
Soo Cho Kwang *see* Kwang Soo Cho
Soo Cho Yong *see* Yong Soo Cho
Soo Choi Jong *see* Jong Soo Choi
Soo Choi Seong *see* Seong Soo Choi
Soo Choi Yong *see* Yong Soo Choi
Soo Chun Hai *see* Hai Soo Chun
Soo Chung Kwan *see* Kwan Soo Chung
Soo Han Hak *see* Hak Soo Han
Soo Han Myung *see* Myung Soo Han
Soo Hyung Lee *see* Tae Ho Yeom 23690
Soo Il Lee *see* Hyun Joo Lee 21321
Soo In Lee DC- and Nyquist-free error correcting convolutional codes 4522
Soo Jeon Byung *see* Byung Soo Jeon
Soo Joong Kim *see* Cheol Su Kim 3506
Soo Joong Kim *see* Cheol Su Kim 55174
Soo Jung Sung *see* Sung Soo Jung
Soo Kang Sung *see* Sung Soo Kang
Soo Kian Thiam *see* Kian Thiam Soo
Soo Kim Byung *see* Byung Soo Kim
Soo Kim Chang *see* Chang Soo Kim
Soo Kim Eung *see* Eung Soo Kim
Soo Kim Hyeon *see* Hyeon Soo Kim
Soo Kim Hyung *see* Hyung Soo Kim
Soo Kim Jeong *see* Jeong Soo Kim
Soo Kim Joong *see* Joong Soo Kim
Soo Kim Nam *see* Nam Soo Kim
Soo Kim Pill *see* Pill Soo Kim
Soo Kim Young *see* Young Soo Kim
Soo Kwon Jong *see* Jong Soo Kwon
Soo Lim Chang *see* Chang Soo Lim
Soo Nam Donk *see* Donk Soo Nam
Soo Nam Kee *see* Kee Soo Nam
Soo Noh Duck *see* Duck Soo Noh
Soo Park Beom *see* Beom Soo Park
Soo Park Jin *see* Jin Soo Park
Soo Park Min *see* Min Soo Park
Soo Park Young *see* Young Soo Park
Soo Shin Hyun *see* Hyun Soo Shin
Soo Uh Hyung *see* Hyung Soo Uh
Soo Won Kim *see* Duck Min Lee 40960
Soo Yoo Jae *see* Jae Soo Yoo
Soo Yoon Hee *see* Hee Soo Yoon
Soo Young Yoon *see* Ki Hyung Kim 12166
Soo Yul Jung *see* Chul Woo Lee 43910
Soo Yun Wan *see* Wan Soo Yun
Soo-Chang Pei, Chien-Cheng Tseng Transform domain adaptive linear phase filter 11594
Soo-Chang Pei, Chien-Cheng Tseng IIR multiple notch filter design based on allpass filter 34732
Soo-Chang Pei, Chin-Lun Lai, Shih, F.Y. An efficient class of alternating sequential filters in morphology 57150
Soo-Chang Pei, Ching-Min Cheng A novel block truncation coding of color images by using quaternion-moment-preserving principle 5162
Soo-Chang Pei, Ji-Hwei Horng A moment-based approach for deskewing rotationally symmetric shapes 5077
Soo-Chang Pei, Ji-Hwei Horng A low complexity algorithm for detecting rotational symmetry based on the Hough transform technique 5403
Soo-Chang Pei, Jong-Jy Shyu Fast design of 2-D linear-phase complex FIR digital filters by analytical least squares method 15347
Soo-Chang Pei, Jong-Jy Shyu Design of complex FIR filters with arbitrary complex frequency responses by two real Chebyshev approximations 31381
Soo-Chang Pei, Min-Hung Yeh Discrete fractional Fourier transform 667
Soo-Chang Pei *see* Chien-Cheng Tseng 1576
Soo-Ghee Oh *see* Soonil Lee 22543
Soo-Gil Kim, Eun-Soo Kim, Hyuk Lee, Byoungho Lee Theoretical study on incoherent triangular holography without bias and conjugate image 44769
Soo-Gon Kim *see* Jin-Geun Son 51675
Soo-Ho Bae, Young-Ho Kim, Sung-Hoon Lee, Hee-Chul Lee, Choong-Ki Kim Fabrication of $Hg_{0.78}Cd_{0.22}Te$ infrared detector and annealing effect after hybrid bonding 33264
Soo-Hyoung Oh *see* Ji-Yeon Son 16100
Soo-Ik Chae *see* Jeong-Min Kim 1497
Soo-Ik Chae *see* Kyungmin Na 34640
Soo-Ik Chae *see* Seongsoo Lee 15681
Soo-Ik Chae *see* Seongsoo Lee 35072
Soo-In Cho *see* Jei-Hwan Yoo 1335
Soo-In Cho *see* Kyuchan Lee 53291
Soo-In Cho *see* Sang-Hoon Lee 13105
Soo-Ngee Koh *see* Haiyun Yang 4583
Soo-Ngee Koh *see* Koh Soo-Ngee
Soo-Young Lee, Bin Liu Region-wise proximity effect correction for heterogeneous substrates in electron-beam lithography: shape modification 22708
Soo-Young Lee *see* Doh-Suk Kim 15125
Soo-Young Lee *see* Doh-Suk Kim 24830
Soo-Young Lee *see* Doh-Suk Kim 24831
Soo-Young Lee *see* Jung-Wook Cho 53504
Soobitsky, J. *see* de Groot, P.D. 7650
Sood, R. *see* Chhokra, S.A. 43112
Sooda, K.-I., Kanno, K., Taniguchi, K., Hamaguchi, C. Study of a length coefficient for an extended drift-diffusion model for metal-oxide-semiconductor (MOS) device simulation 32389
Soodprasert, T. *see* Cheng, Y.T. 18927
Soohwan Ong, Ryu, S., Sunwoo, M.H., Lee, S. A parallel image processor chip for real-time applications 1503
Sook Jin Lee *see* Woo Goo Park 5806
Sook-Jin Lee, Hwa-Young Um, Soon-Young Lim, Woo-Gu Park Adaptive anti-jamming algorithm in DS-CDMA cellular system 58186
Sool Gam Kee *see* Kee Sool Gam
Sool Oh Hwan *see* Hwan Sool Oh
Soole, J.B.D., Amersfoort, M.R., LeBlanc, H.P., Andreadakis, N.C., Rajhel, A., Caneau, C., Bhat, R., Koza, M.A., Youtsey, C., Adesida, I. Use of multimode interference couplers to broaden the passband of dispersive integrated WDM filters 26929
Soole, J.B.D., Amersfoort, M.R., LeBlanc, H.P., Caneau, C., Bhat, R., Koza, M.A., Youtsey, C., Adesida, I. Tolerance of InP polarisation-independent arrayed waveguide filters using square waveguide cores 48000
Soole, J.B.D., Caneau, C., LeBlanc, H.P., Andreadakis, N.C., Rajhel, A., Youtsey, C., Adesida, I. Suppression of modal birefringence in InP-InGaAsP waveguides through use of compensated tensile strain 23529
Soole, J.B.D. *see* Youtsey, C. 23642
Soon Choi Hong *see* Hong Soon Choi
Soon Heung Chang *see* Chang Hyun Roh 29027
Soon Heung Chang *see* Jin Kyun Park 60502
Soon Hwa Jang *see* Kyeounsoo Kim 48409
Soon Ing Yann *see* Ing Yann Soon
Soon Ja Park *see* Young-Seog Kang 13247
Soon Ki Jung *see* Kwang Yun Wohn 35041
Soon Kim Hyung *see* Hyung Soon Kim
Soon Kurl Kwon *see* Bog Kwon Kim 53075
Soon Lee Jeong *see* Jeong Soon Lee
Soon Oh Park, Cheol Seong Hwang, Chang-Suk Kang, Hag-Ju Cho, Byoung Teak Lee, Won Jong Yoo, Young So Park, Sang In Lee, Moon Yong Lee A stack capacitor technology with $(Ba,Sr)TiO_3$ dielectrics and Pt electrodes for 1 Giga-Bit density DRAM 1350
Soon Park *see* Gyoo-Seok Choi 58230
Soon Park Chul *see* Chul Soon Park
Soon Seok Lee *see* Young Boo Kim 16491
Soon Sung Lee *see* Ki Chang Son 50752
Soon Tae Kim *see* Younggyun Kim 7099
Soon Teoh Chin *see* Chin Soon Teoh
Soon-Bok Lee, Jin-Ki Kim A mechanistic model for fatigue life prediction of solder joints for electronic packages 30220
Soon-Bong Cho, Dong-Seok Hyun A robust indirect vector control for the rotor time constant variation of induction machines 50978
Soon-Bong Cho *see* Ho-Seok Lee 39262
Soon-Don Choi, Wan-Young Chung, Duk-Dong Lee SO_2 sensing characteristics of Nasicon electrolytes 36750
Soon-Gil Yoon *see* Nam-Kyeong Kim 52800
Soon-Gil Yoon *see* Won-Jae Lee 2957
Soon-Jin Cho, Kyung-Wook Paik, Young-Gil Kim The effect of the oxidation of Cu-base leadframe on the interface adhesion between Cu metal and epoxy molding compound 52249
Soon-Jong Kim *see* Uipil Chong 53439
Soon-Kurl Kwon *see* Dong-Kurl Kwak 29379
Soon-Kurl Kwon *see* Moon-Ho Kye 51324
Soon-Kwon Nam, Nuhn, H.-D., Bonifacio, R. Performance optimization for the FEL amplifier test experiment 14201
Soon-Uk Kim, Seong-Keun Oh A two-step double-talk detection algorithm for an acoustic adaptive echo canceller 45852
Soon-Won Jung, Gwi-Tae Park A design of binary decision tree using genetic algorithms and its applications 474
Soon-Yong Park *see* Jaiwan Cho 46021
Soon-Young Lim *see* Sook-Jin Lee 58186
Soon-Young Oh *see* Nam-Ihn Cho 12926
Soonchil Lee *see* Chang-Gu Choi 7482
Soondal Park *see* Hoyeon Chung 40066
Soong, B.-H. *see* Xie, Q. 47685
Soong, B.H. *see* Hao, Q. 47718
Soong, F. *see* Gupta, S.K. 16635
Soong, S. *see* Zwart, T. 36368
Soong Hee Lee A reactive access control scheme at UNI for congestion control in ATM-based B-ISDN 57961
Soonhoi Ha *see* Wan-Teh Chang 45805
Soonil Lee, Sang Youl Kim, Soo-Ghee Oh Spectroellipsometric studies of amorphization and thermal annealing in ion-implanted silicon 22543
Soonsung Hong Electromagnetic backscattering by spheroids for axial incidence 14558
Sooriakumar, K., Chan, W., Savage, T.S., Fugate, C. A comparative study of wet versus dry isotropic etch to strengthen silicon micromachined pressure sensor 27496
Sooriakumar, K., Monk, D.J., Chan, W., Vanhoy, G., Goldman, K. Batch fabrication of media isolated absolute pressure sensors 27495
Soos, S. Use the right inverter for CCFT-backlit LCDs 27785
Sooth, R.N. *see* Krawczynski, H. 37287
Soothill, D. Digital sound broadcasting developments in Australia 7051
Soothill, D. An introduction to Eureka 147 single frequency networks (SFN) operating at L-band 36318
Sop Chang Hyun *see* Hyun Sop Chang
Sopanen, M., Lipsanen, H., Ahopelto, J. Fabrication of GaInAs quantum disks using self-organized InP islands as a mask in wet chemical etching 21226
Sopanen, M., Taskinen, M., Lipsanen, H., Ahopelto, J. Red luminescence from strain-induced GaInP quantum dots 12216
Sopanen, M. *see* Grosse, S. 42212
Sopanen, M. *see* Koljonen, T. 30812
Sopena, P. *see* Benamara, M. 32105
Soper, J.G. *see* Burton, L.C. 20655
Soper, R.A. *see* Mason, M.E. 2476
Soper, S. *see* Pepper, D.J. 46968
Soper, S.A. *see* Legendre, B.L., Jr. 7924
Sopko, J., Bhalla, A., Cross, L.E. An improved quantitative method for determining dynamic current response of pyroelectric materials 7525
Sopori, B. *see* Cudzinovic, M. 39212
Sopori, B.L., Jastrzebski, L., Tan, T. A comparison of gettering in single- and multicrystalline silicon for solar cells 39020
Sopov, V.S. *see* Akimov, D.Yu. 37245
Soprano, C. *see* Baiocchi, A. 6683
Soptea, E. *see* Enescu, E. 40673
Sorady, H.El *see* El Sorady, H.
Soraghan, J. *see* Alkulaibi, A. 46547
Soraghan, J.J. *see* Setarehdan, S.K. 28300
Soraghan, J.J. *see* Voukelatos, S.P. 56693
Sorba, L., Paggel, J.J., Franciosi, A. Tunable Schottky barriers and the nature of Si interface layers in Al/GaAs(001) diodes 54249
Sorba, L. *see* Bonard, J.-M. 54167
Sorba, L. *see* Calcagnile, L. 24116
Sorba, L. *see* Calcagnile, L. 42111
Sorba, L. *see* Giugno, P.V. 22420
Sorba, L. *see* Heun, S. 22318
Sorba, L. *see* Pellegrini, V. 2577
Sorba, L. *see* Tapfer, L. 22315
Sorbara, D. Evaluation of frequency hopping effects on GSM and DCS 1800 radio performance 26545
Sorbe, B. *see* Roos, D. 18512
Sorbello, R.S. Microscopic driving forces for electromigration 42741
Sorcini, B.B., Hyodynmaa, S., Brahme, A. The role of phantom and treatment head generated bremsstrahlung in high-energy electron beam dosimetry 18585
Sordan, R., Nikolic, K. Quantum-constriction rectifier 2730
Sordo, B. *see* Artiglia, M. 13594
Sordo, B. *see* Pagano, A. 23793
Soreefan, R. *see* Tarr, N.G. 13146
Soref, R.A. Fiber grating prism for true time delay beamsteering 23502
Soref, R.A. *see* Friedman, L. 55698
Soref, R.A. *see* Sun, G. 44548
Soref, R.A. *see* Zmuda, H. 25629
Soreide, F., Hoseggen, S., Jasinski, M.E., Kristiansen, S., Sortland, B. Information processing in marine archaeology 50202
Soreide, N.N., McClurg, D.C., Zhu, W.H., McPhaden, M.J., Denbo, D.W., Renton, M.W. World Wide Web access to real-time and historical data from the TAO array of moored buoys in the tropical Pacific Ocean: updates for 1996 50114
Sorek, Y. *see* Finkelstein, I. 33391
Sorel, M. *see* Donati, S. 33258
Sorel, Y. Real-time embedded image processing applications using the A^3 methodology 57112
Sorel, Y. *see* Choquel, J.B. 21451
Sorel, Y. *see* Vincensini, F. 26811
Sorelius, J., Moses, R.L., Soderstrom, T. Effects of nonzero bandwidth on direction of arrival estimators in array signal processing 45910
Sorensen, C. Wide area networking in SCADA systems design 7220
Sorensen, D.C. *see* Lehoucq, R.B. 596
Sorensen, J.A. *see* Shajaan, M. 25212
Sorensen, K. Pinball method for lighting calculations 39411
Sorensen, M.P. *see* Brorson, S.D. 23937
Sorensen, N.R., Hosking, F.M. Solderability preservation through the use of organic inhibitors 31634
Sorenson, J. *see* Bach, E. 10306

Sorenson, R. *see* Kokas, J. 1809
Soressi, E. *see* Marchesoni, M. 9579
Soret, J. *see* Diez, A. 36871
Sorger, U.K. *see* Dettmar, U. 14808
Soria, C. *see* Pontiga, F. 43468
Soria, E. *see* Chen, K.-T. 37307
Soria, E. *see* Cross, E.S. 37304
Soria, E. *see* McGregor, D.S. 37313
Soria, E. *see* Schlesinger, T.E. 37554
Soria, E. *see* van Scyoc, J.M. 37305
Soria, S. *see* Pampaloni, E. 33652
Soria, S. *see* Ramazza, P.L. 13715
Soriano, J.C. *see* Estrela, R. 55792
Soric, I. *see* Alexeev, G. 59200
Sorin, C., Gagnoulet, C., Charpentier, F., Johnston, D., Canavesio, F., Lochschmidt, B., Alvarez, J., Cortazar, I., Tapias, D., Crespo, C., Azevedo, J., Chaves, R. Current and experimental applications of speech technology for telecom services in Europe 46959
Sorin, C. *see* Mokbel, C. 45676
Sorin, W., Baney, D. Multiplexed sensing using optical low-coherence reflectometry 17280
Sorin, W.V. Fiber optic sensing using low coherence interferometry 48616
Sorin, W.V. *see* Park, J. 47966
Soring, A. *see* Davis, J.A. 36360
Soring, A. *see* Hetzel, P. 36938
Sorita, R., Kawano, T. A highly selective CO sensor: screening of electrode materials 36752
Sorlei, Z. *see* Sarkozi, J. 3683
Sorli, I., Petasch, W., Kegel, B., Schmid, H., Liebel, G., Ries, W. Plasma processes. Part III: Surface activation and ashing 32219
Sorman, E. *see* Son, N.T. 31889
Sorman, E. *see* Son, N.T. 42015
Sormaz, N. *see* Colyer, B. 44984
Sornemann, D. *see* Amari, S. 56107
Sornmo, L. *see* Lander, P. 49689
Sornmo, L. *see* Wohlfart, B. 49625
Sornsin, E.A., Chipman, R.A. Mueller matrix polarimetry of electro-optic PLZT spatial light modulators 55311
Sorohan, I. Review of 'Demonstration of monitoring and targeting in Irish industry' project 19184
Sorokin, A.P. *see* Zhukov, A.V. 29037
Sorokin, A.R. *see* Eletskii, A.V. 13931
Sorokin, B.P., Turchin, P.P., Burkov, S.I., Glushkov, D.A., Aleksandrov, K.S. Influence of static electric field, mechanical pressure and temperature on the propagation of acoustic waves in $La_3Ga_5SiO_{14}$ piezoelectric single crystals 13239
Sorokin, E. *see* Sorokina, I.T. 55581
Sorokin, I.V. *see* Aksenov, G.A. 36440
Sorokin, N.I. *see* Apolonsky, A.A. 24176
Sorokin, P.P. *see* Glownia, J.H. 13921
Sorokin, S.V. *see* Krestnikov, I.L. 42141
Sorokin, S.V. *see* Krestnikov, I.L. 44464
Sorokin, V.N., Trushkin, A.V. Articulatory-to-acoustic mapping for inverse problem 4576
Sorokina, I.T., Sorokin, E., Wintner, E., Noginov, M.A., Szipocs, R., Cassanho, A., Jenssen, H.P. Femtosecond pulses from the novel solid-state laser source Cr:LiSGaF 55581
Sorokina, I.T. *see* Noginov, M.A. 14266
Sorokina, S.V. *see* Andreev, V.M. 38996
Sorokolet, S.R. *see* Lubyanaya, M.D. 30804
Sorqvist, T., Vlastos, A.E. Hydrophobicity and leakage current statistics of polymeric insulators long-term exposed, to coastal contamination 8940
Sorqvist, T., Vlastos, A.E. Outdoor polymeric insulators long-term exposed to HVDC 50614
Sorrell, C.C. *see* Bak, T. 38949
Sorrentino, N. *see* Conforti, D. 8763
Sorrentino, N. *see* Gaudioso, M. 19189
Sorrentino, R. *see* Ciampolini, P. 11141
Sorsa, H., Turjanmaa, V., Jurvelin, J., Korhonen, I. General-purpose signal analysis and processing tool for physiological signals 18193
Sortland, B. *see* Soreide, F. 50202
Sortore, C.K. *see* Maslen, E.H. 13475
Sos, G.T. *see* Adams, G.F. 18660
Soskin, M.S. *see* Basistiy, I.V. 14257
Soskin, M.S. *see* Ilyenkov, A.V. 14258
Soskin, M.S. *see* Ilyenkov, A.V. 14343
Soskin, M.S. *see* Ilyenkov, A.V. 44610
Soskov, V.I. *see* Losev, L.L. 23848
Sosnin, E.A. *see* Panchenko, A.N. 61318
Sosnin, E.A. *see* Tarasenko, V.F. 23737
Sosnin, I.A. *see* Petrashov, V.T. 43815
Sosnovski, T. *see* Kamath, K. 55621
Sosnowski, J., Kusmierczyk, A. Pseudorandom testing of microprocessors at instruction/data flow level 21736
Sosnowski, M., Czyz, Z., Leski, J., Petelenz, T., Tendera, M. The coherence spectrum for quantifying beat-to-beat adaptation of RT intervals to heart rate in normal subjects and in postinfarction patients 49685
Sosnowski, M. *see* Bienkowski, J. 49634
Sosnowski, M. *see* Czyz, Z. 49637
Sosnowski, T.S. *see* Hariharan, A. 3726
Soss, S. *see* Ke Chen 53708
Sossa A., J.H., Diaz-de-Leon S., J.L. Recognizing 2-D rigid and non-rigid wire shapes 15894
Sossna, E. *see* Kastner, M.J. 40344
Sosso, A. *see* Cabiati, F. 27247
Sosso, A. *see* Nerino, R. 27901
Sosso, A. *see* Picotto, G.B. 58726
Sostaric, A., Korosec, D., Zazula, D. Wavelet transform in EMG analysis 45784
Sostman, H.D. *see* Tourassi, G.D. 59564
Sota, S. *see* Amano, H. 10807
Sota, S. *see* Takeuchi, T. 54223
Sota, S. *see* Takeuchi, T. 55396
Sota, T. *see* Chichibua, S. 12502
Sota, T. *see* Kato, T. 57999
Sota, Y. *see* Kimura, T. 20905
Sotgiu, A. *see* Testa, L. 48444
Sotgiu, G., Schirone, L., Rallo, F. Effect of surfactants in the electrochemical preparation of porous silicon 31795
Sotgiu, G. *see* Schirone, L. 44165
Sotiropoulos, B.A. *see* Papakostas, K.T. 51862
Sotiropoulos, J. *see* Karoutsos, V. 31873
Sotnikov, A.N. *see* Mokhnatyuk, A.A. 46287
Sotnikov, A.P. *see* Golubchikov, A.V. 18091
Sotnikov, G.V. *see* Markov, P.I. 12116
Soto, E. *see* Fernandez-Gomez, S. 11243
Soto, H., Erasme, D., Debarge, G., Doussiere, P. Reduced and negative phase-amplitude-coupling coefficient in a modulated semiconductor optical amplifier submitted to four-wave mixing 33683
Soto, I., Carrasco, A. Searching for TCM codes using genetic algorithms 45582
Soto, Ó. *see* Codina, R. 52571
Sotodeh, R. *see* Xiao, Y. 29442
Sotokawa, H. *see* Matsushima, N. 11991
Sotom, M. *see* Berger, M. 58369
Sotom, M. *see* Boettle, D. 26456
Sotom, M. *see* Bostica, B. 47499
Sotom, M. *see* Chiaroni, D. 16733
Sotom, M. *see* Chiaroni, D. 26446
Sotom, M. *see* Garnot, M. 36162
Sotom, M. *see* Jourdan, A. 26441
Sotom, M. *see* Perrier, P.A. 58331
Sotomayor Torres, C.M. *see* Tang, Y.S. 2173
Sotomayor Torres, C.M. *see* Tang, Y.S. 33296
Sotomayor-Torres, C.M. *see* Yates, H.M. 40653
Sotomura, T., Tatsuma, T., Oyama, N. An organosulfur polymer cathode with a high current capability for rechargeable batteries 19960
Sotomura, T. *see* Oyama, N. 9488
Sotooka, K., Hayashi, S., Yamazaki, H., Miyagi, S. Radar support system for safer navigation 48184
Sotooka, K. *see* Kozuka, T. 48095
Sotscheck, J. *see* Klaus, H. 56416
Sottile, J., Jr. *see* Yingling, J.C. 39479
Sottini, S. *see* Palchetti, L. 44041
Sottos, N.R., Swindeman, M. Dimensional stability of woven glass/epoxy substrates for multilayer circuit board applications 1808
Sotudeh, R. *see* Bailey, C. 20568
Sotudeh, R. *see* Cheng, L. 19870
Sotudeh, R. *see* Xiao, Y. 19838
Sou, I.K. *see* Wenji Peng 3877
Sou, I.K. *see* Yang, Z. 54159
Sou Gow Wuu *see* Kan Yuan Lee 54636
Sou-Chen Lee *see* Pan-Chio Tuan 48174
Souan Zhao *see* Zhao Souan
Soubari, E.H. *see* Ramenah, H. 13563
Soubeyroux, J.L. *see* Brando, E. 3163
Soubeyroux, J.L. *see* Garcia-Landa, B. 3053
Soubeyroux, J.L. *see* Liesert, S. 3119
Soubeyroux, J.L. *see* Tomey, E. 3050
Soubeyroux, J.L. *see* Tomey, E. 3245
Soubie, A. *see* Moriceau, H. 22554
Soubrane, G. *see* Meunier, I. 28258
Souchail, J.L., Karnevi, S., Austin, S.J. The ENVISAT advanced synthetic aperture radar (SAR) 16939
Soucy, G., Ferrie, F.P. Surface recovery from range images using curvature and motion consistency 35166
Soucy, M., Godin, G., Baribec, R., Blais, F., Rioux, M. Sensors and algorithms for the construction of digital 3-D colour models of real objects 57259
Soudagar, S., Kamble, B.N. Intensity effect on the propagation of HE_{11} mode in a parabolic index fibre 3388
Soudris, D.J., Paliouras, V., Stouraitis, T., Goutis, C.E. A VLSI design methodology for RNS full adder-based inner product architectures 45959
Soufflot, A. *see* Cesarsky, C.J. 36548
Soufian, M., Robinson, F.V.P., Soufian, M. Fuzzy logic controller for the whole body NMR imaging system 28149
Soufian, M. *see* Soufian, M. 28149
Souheil, H., Watkin, K.L. Acoustic backscatter size characterization of in-vitro fetal lung alveolar sacs 18357
Souifi, A., Vescan, L., Loo, R., Gartner, P., Dieker, C., Hartmann, A., Luth, H. Intense photoluminescence from strained SiGe sub-100 nm wires selectively grown on Si by LPCVD 2174
Souifi, A. *see* Bremond, G. 12148
Souifi, A. *see* Chretien, O. 2161
Soukhanovskii, V. *see* Stutman, D. 36666
Soukiassian, P. *see* Aristov, V.Yu. 2238
Soukiassian, P. *see* Gusev, A.O. 42264
Soukiassian, P. *see* Hirose, Y. 22440
Soukiassian, P. *see* Semond, F. 2239
Soukieh, M. *see* Ryabtsev, G.I. 3887
Soulage, G. *see* Bachmann, M. 6715
Soulage, G. *see* Jourdan, A. 26441
Soulard, M. *see* Cazaux, J.-L. 59897
Soulayman, S.S. *see* Salam, F. 12302
Soule, C.A. Augmentation improves thermal performance of air cooled heat sinks 30204
Souleyrette, R. *see* Ellison, T. 51591
Souli, N. *see* Ramdane, A. 44488
Souliere, V. *see* Thevenot, V. 40353
Soulimov, V. *see* Adam, A. 37280
Soulis, E.D. *see* Treitz, P.M. 18937
Soulliere, M.J. *see* Habiby, S.F. 6811
Souloumiac, A. Improved estimation of minimum variance beamformer with small number of samples 25034
Soum, G. *see* Pascal, O. 45356
Soumagne, G., Alberti, S., Hogge, J.P., Pedrozzi, M., Siegrist, M.R., Tran, M.Q., Tran, T.M. Measurement of the parallel velocity distribution function of the electron beam in a quasi-optical gyrotron by electron cyclotron emission 1933
Soumagne, J. *see* Philippe, P. 14843
Soumare, S. *see* Marceau, R.J. 38211
Soumekh, M. Moving target detection in foliage using along track monopulse synthetic aperture radar imaging 26962
Soumekh, M. Phased array imaging of moving targets with randomized beam steering and area spotlighting 57184
Soumyanatha, K. *see* Borkar, V.S. 40125
Sounai, A. *see* Shimotori, S. 51540
Soung Hie Kim *see* Kyung Sam Park 52441
Soung Hie Kim *see* Young Myoung Kim 46915
Soung Ryong Yee Interlocking number string and code matrix 4990
Soung-Soon Chun *see* Sa-Kyun Rha 12616
Soung-Soon Chun *see* Won-Jun Lee 40595
Souny, B. *see* Rotorier, B. 33952
Soures, J.M. *see* Boehly, T.R. 14059
Soures, J.M. *see* Boehly, T.R. 14086
Sourlier, D., Gander, W. A new method and software-tool for the exact solution of complex dimensional measurement problems 52307
Sourour, E.A., Nakagawa, M. Mutual decentralized synchronization for inter-vehicle communications 26375
Sourour, E.A. *see* Esmailzadeh, R. 58212
Sousa, C.M. *see* Adams, C.A. 13360
Sousa, E.S. *see* Chen, Q. 16597
Sousa, H. Telecommunications reforms in Portugal and the European Union 16144
Sousa, J.B. *see* De Azevedo, M.M.P. 3187
Sousa, J.B. *see* Li Shuxiang 43667
Sousa, J.M., Salcedo, J.R., Kuzmin, V.V. Simulation of laser dynamics and active Q-switching in Tm, Ho:YAG and Tm:YAG lasers 33431
Sousa, J.T., Shen, T., Cheung, P.Y.K. On structural diagnosis for interconnects 11887
Sousa, M. *see* Carvalho, A. 47063
Sousa, P., Jose, R.J.P., Costa, A., Freitas, V. Building an integrated communication environment 6241
Sousa, P.de *see* de Sousa, P.
Sousa, R. *see* Conde, J.P. 30902
Sousa Dias, M.De *see* De Sousa Dias, M.
Sousa Vieira, M.de *see* de Sousa Vieira, M.
Soussi, E., Hauser, D. Numerical simulation of the radar signal modulation due to the long ocean waves: preparation of the VAGSAT mission 50129
Sousumi, K. *see* Sato, A. 33459
Soutar, A. *see* McGrath, P. 53791
Soutar, C. *see* Skorucak, A. 3480
Soutar, I.C. *see* Sabol, J.M. 8030
Souter, K. *see* Johnson, E. 18655
Southall, H., Franchi, P. Neural beamforming in the presence of near field scatterers 45468
Southall, H.L. *see* Hoton How 34372
Southern, E.P., Li, H.Y., Crossley, P.A., Potts, S., Caunce, B.R.J. Development of a GPS synchronised phasor measurement unit using delta-sigma ADCs and DSP 19423
Southwell, D., Basu, A., Fiala, M., Reyda, J. Panoramic stereo 7406
Southwell, W.H. Extended-bandwidth reflector designs by using wavelets 33203
Souto, J., Rodriguez-Mendez, M.L., De Saja-Gonzalez, J., De Saja, J.A. A.C. conductivity of gas-sensitive Langmuir-Blodgett films of ytterbium bisphthalocyanine 36837
Souto, J. *see* Christie, B. 38530
Souto, M., Correa, J., Tahoces, P.G., Carrascal, F., Mendez, A., Lado, M.J., Carreira, J.M., Vidal, J.J. A limited PACS dedicated to a research environment. Nine years' experience in Santiago de Compostela 8023
Souto, M. *see* Carreira, J.M. 37712
Souto, M. *see* Lado, M.J. 59443
Souto, M. *see* Tahoces, P.G. 49448
Souto-Maior, R. *see* Demenicis, L. 55847
Soutome, K. *see* Ando, A. 7771
Soutome, K. *see* Date, S. 17908
Soutome, K. *see* Shoji, Y. 27990
Souvalian, V. *see* Mrad, F. 39456
Souvorov, A. *see* Hartman, Ya. 49360
Souvorov, A. *see* Ziegler, E. 37067
Souyris, J.C. *see* Rouvier, S. 8390
Souza, C.E.de *see* de Souza, C.E.
Souza, D.C.De *see* De Souza, D.C.
Souza, J.P.De *see* De Souza, J.P.
Souza, K.De *see* De Souza, K.
Souza, L.E.de *see* de Souza, L.E.
Souza, P.E., Turner, C.W. Effect of single-channel compression on temporal speech information 8156
Souza, P.L. *see* Yavich, B. 54353
Souza, R.B.de *see* de Souza, R.B.

Souza, R.de *see* de Souza, R.
Souza, S.de *see* de Souza, S.
Souza Campos, F.de *see* de Souza Campos, F.
Souza de Sa, J. *see* Cogo, J.R. 9264
Souza Queiroz Junior, I.de *see* de Souza Queiroz Junior, I.
Souza Ribeiro, L.A.de *see* de Souza Ribeiro, L.A.
Sovak, P. *see* Fuezer, J. 3081
Sovak, P. *see* Kovac, J. 3078
Sovetkin, V.Yu. *see* Neganov, V.A. 14666
Sovorchevsky, C.A. *see* Goncharov, I.G. 58783
Sowders, D.M. *see* Kolesar, E.S., Jr. 41829
Sowerby, K.W. *see* Butterworth, K.S. 45121
Sowerby, K.W. *see* Neve, M.J. 58209
Sowin, D., Moyer, J. Serial bus sends card power status, commands 38882
Sowlati, T., Greshishchev, Y.M., Salama, C.A.T. Phase-correcting feedback system for class E power amplifier 41510
Sowter, A. Satellite synthetic aperture radar data-capability and prospects 48089
Soyata, T., Friedman, E.G., Mulligan, J.H., Jr. Incorporating interconnect, register, and clock distribution delays into the retiming process 40788
Soyer, C., Bozma, H.I., Istefanopulos, Y. A mobile robot with a biologically motivated vision system 36684
Soyer, F. *see* Dentan, V. 3326
Soyer, F. *see* La Barny, P. 24233
Soyuer, M., Burghartz, J., Ainspan, H., Jenkins, K., Xiao, P., Shahani, A., Dolan, M., Harame, D. An 11-GHz 3-V SiGe voltage-controlled oscillator with integrated resonator 21950
Soyuer, M., Burghartz, J.N., Jenkins, K.A., Ainspan, H.A., Canora, F.J. RF and microwave building blocks in a standard BiCMOS technology 2854
Soyuer, M., Jenkins, K.A., Burghartz, J.N., Hulvey, M.D. A 3-V 4-GHz nMOS voltage-controlled oscillator with integrated resonator 11227
Soyuer, M. *see* Burghartz, J.N. 21947
Soyuer, M. *see* Burghartz, J.N. 41518
Soyuer, M. *see* Widmer, A.X. 26425
Soyuer, M. *see* Xiao, P. 53355
Sozaev, A.S. *see* Shvartz, A.L. 29113
Sozen, A. *see* Sahin, S. 19492
Sozou, P.D. *see* Lanitis, A. 15536
Sozzi, C. *see* Simonetto, A. 8208
Sozzi, R., Favaron, M. Sonic anemometry and thermometry: theoretical basis and data-processing software 50051
Spaandonk, J.van *see* van Spaandonk, J.
Spaanenburg, H. *see* Groat, J. 18624
Spaanenburg, L. *see* ter Brugge, M.H. 35081
Spaanenburg, L. *see* ter Brugge, M.H. 35104
Spada, F.E. *see* Parker, F.T. 13453
Spada, G. *see* Caltagirone, F. 48117
Spadaro, J. Test and measurement [technology analysis and forecast] 27764
Spadoni, S. *see* Bacchi, E. 48944
Spadtke, P., Bossler, J., Emig, H., Leible, K.D., Khaouli, M., Muhle, C., Schennach, S., Schulte, H., Tinschert, K. Ion source development and operation at GSI 37204
Spadtke, P. *see* Barth, W. 37120
Spadtke, P. *see* Bessler, U. 37102
Spadtke, P. *see* Dolling, R. 37109
Spadtke, P. *see* Dubenkov, V. 18057
Spadtke, P. *see* Stohlker, Th. 7727
Spady, B.R. *see* McGahan, W.A. 32986
Spaehn, H. *see* Habermann, W. 48989
Spaepen, A., Edwards, K., Verheust, M., Van Mele, I., Wauters, F., Schamphelaer, W., Ketelaer, P., Jacobs, R., Hendrickx, E., van Steenberghe, D. Access design for all: a study on learning curves during training on devices for textual input to telecommunications equipment for the motor impaired 6324
Spaepen, F., Yan Shao The crystal-melt interface in Si or Ge 54027
Spagno, C. *see* Buizza, A. 8095
Spagnolini, U. Permittivity measurements of multi-layered media with monostatic pulse radar 50013
Spagnolini, U. *see* Rampa, V. 6964
Spagnolo, B. *see* Lanzara, E. 39607
Spagnolo, G.S., Paoletti, D. Digital speckle correlation for on-line real-time measurement 7580
Spagnolo, G.S., Paoletti, D., Grella, R., Ambrosini, D. A fiber optic projection interferometer for vibration analysis 48628
Spagnolo, G.S. *see* Paoletti, D. 7612
Spagnolo, S. *see* Andryakov, A. 37226
Spagnuolo, G. *see* Egiziano, L. 8942
Spagnuolo, G. *see* Lupo, G. 28923
Spahlinger, G., Kemmler, M., Ruf, M., Ribes, M., Zimmermann, S. Error compensation via signal correlation in high precision closed-loop fiber optic gyros 27625
Spahlinger, G. *see* Kemmler, M.W. 27612
Spahlinger, G. *see* Kunz, J. 27613
Spahlinger, G. *see* Ner, M.S. 27631
Spahlinger, G. *see* Ribes, M. 27623
Spahn, E. *see* Ramezani, E. 51406
Spahn, E. *see* Wey, J. 33908
Spahn, W., Ress, H.R., Fischer, C., Ehinger, M., Landwehr, G. The initial growth of ZnSe on Te-, Se- and Zn-terminated GaAs(100) 40441
Spahn, W. *see* Schull, K. 54164
Spajer, M. *see* Coluzza, C. 2242
Spajer, M. *see* Coluzza, C. 12518
Spajer, M. *see* Davy, S. 12829
Spak, G.T. *see* Swart, W. 20603
Spalding, J. *see* Antos, J. 37373
Spalding, J. *see* Azzi, P. 37390
Spalding, J. *see* Hoffman, K.D. 7796
Spaldonova, D., Suriansky, J., Nevesely, M. Tactile force and spatial location measurement using ultrasonic transducers 18961
Spaletta, G. *see* Broyden, C.G. 30510
Spall, J.C. A one-measurement form of simultaneous perturbation stochastic approximation 21144
Spall, J.C. *see* Maryak, J.L. 34826
Spallacci, F. *see* Bianconi, M. 54356
Spalvieri, A. *see* Pellizzoni, R. 45581
Spamer, E. *see* Dobert, S. 37145
Spammer, S.J., Swart, P.L. Noise properties of a quadrature phase tracker for interferometric optical fiber sensors 17412
Spammer, S.J. *see* Booysen, A. 7394
Spammer, S.J. *see* Burger, J.P. 44398
Spammer, S.J. *see* Chtcherbakov, A.A. 48594
Spammer, S.J. *see* Lacquet, B.M. 27605
Spammer, S.J. *see* Swart, P.L. 36631
Span, G. *see* Oswald, J. 12486
Span, G. *see* Oswald, J. 54211
Spande, R.A. *see* Pruchnic, S.J., Jr. 17536
Spandre, G. *see* Angelini, F. 37362
Spandre, G. *see* Bellazzini, R. 37434
Spangenberg, B. *see* Altmeyer, S. 2735
Spangenberg, B. *see* Altmeyer, S. 22895
Spangenberg, B. *see* Altmeyer, S. 54720
Spangenberg, B. *see* Gondermann, J. 23008
Spangenberg, B. *see* Gondermann, J. 43039
Spangenberg, B. *see* Hollkott, J. 23415
Spangenburg, B. *see* Koster, T. 43132
Spanggaard, J. *see* Cocq, D. 37070
Spangler, L., Kemp, C.J. ISAAC: integrated silicon automotive accelerometer 20196
Spanias, A. *see* Loizou, P. 34652
Spanias, A. *see* Painter, E. 9926
Spanias, A. *see* Painter, E. 20581
Spanias, A.S. *see* Loizou, P.C. 14871
Spanik, P. *see* Kucer, P. 9622
Spaniol, O., Hoff, S., Jakobs, K., Meyer, B. Managing mobile systems 16332
Spanjaard, J.M., Sherman, P.J., White, L.B., Lau, S. Periodic autoregressive time-frequency analysis for monitoring of rotating machinery with variable period 50885
Spanke, R. *see* Brunner, H. 40882
Spankova, M., Gazi, S., Chromik, S., Rosova, A., Vavra, I., Benacka, S. The problems of native SiO_2 layer removing for epitaxial growth of YSZ film on Si 40368
Spann, M. *see* Bushofa, B.M.F. 46437
Spann, M. *see* Ong, E.P. 25372
Spanner, K., Wolny, W.W., Lula, B. Piezo-actuators move in the nanometer regime 13318
Spanner, M. *see* Welfonder, E. 29171
Spano, M.L. *see* Witkowski, F.X. 59376
Spano, P. *see* Martelli, F. 24166
Spano, S.S.P. *see* Martelli, F. 44746
Spanoche, S.-A., Arsintescu, G.B. Stack based module generator for analog MOS circuits 43332
Spanoche, S.-A., Popescu, S.-M. APA: a design system for PLL based demodulator circuits 40963
Spanoche, S.-A. *see* Popescu, S.-M. 40829
Spanos, C.J., Chen, R.L. Using qualitative observations for process tuning and control [IC manufacture] 54775
Spanos, C.J. *see* Crid Yu 2493
Spanos, G.A., Maples, T.B. Performance study of a selective encryption scheme for the security of networked, real-time video 46471
Spanudakis, S. *see* Homann, N. 8064
Spanulescu, I. *see* Iftimia, N. 48566
Spargo, K. *see* Hoff, W.A. 28430
Sparing, L.M., Wang, P.D., Xin, S.H., Short, S.W., Shi, S.S., Furdyna, J.K., Merz, J.L., Snider, G.L. Photoluminescence blueshift induced by reactive ion etching of strained CdZnSe/ZnSe quantum well structures 23665
Spariosu, K. *see* Manasson, V.A. 45476
Spark Jones, K. *see* Jones, G.J.F. 14923
Sparkes, C., Thompson, L., Travers, R. ArF MicroStep™ for 193nm process development 2537
Sparkes, J. Quality in higher education 9847
Sparks, D.R., Jordan, L., Frazee, J.H. Flexible vacuum-packaging method for resonating micromachines 23028
Sparmann, U., Muller, H., Reddy, S.M. Minimal delay test sets for unate gate networks 53132
Sparmann, U. *see* Hengster, H. 40966
Sparr, G. Simultaneous reconstruction of scene structure and camera locations from uncalibrated image sequences 5086
Sparr, G. *see* Jansson, T. 49558
Sparr, L., Castles, S., James, E., Banks, S. Test results for a commerical, low vibration, linear, Stirling cycle cryocooler [for space use] 49910
Sparrow, E.M. *see* Hansen, G.L. 28217
Spartakov, A.A. *see* Voitylov, V.V. 58993
Spartiotis, C. *see* Alverson, G. 18085
Sparvoli, R. *see* Bellotti, R. 37270
Sparvoli, R. *see* Borisyuk, R. 37274
Spasenovski, D. *see* Popovski, B. 33992
Spasov, A. *see* Donchev, T. 55149
Spasov, A. *see* Kojouharov, R. 11700
Spasov, A. *see* Nurgaliev, T. 43740
Spassov, L. *see* Lasarova, V. 23260
Spassov, L. *see* Lazarova, V. 36769
Spassova, E., Jivkov, I., Danev, G., Dimitrova, T., Koprinarova, J., Paskaleva, A. Low-permittivity evaporated polymer-polyimide 23097
Spassova, E. *see* Danev, G. 42799
Spassova, E. *see* Donchev, T. 55149
Spataro, B. *see* Zobov, M. 49224
Spataro, F. *see* Beritelli, F. 4593
Spataru, C., Teillet-Billy, D., Gauyacq, J.P., Chabrerie, J.P., Teste, P. Ions travelling in the cathode space charge zone: charge evolution and effect on the electron emission 22161
Spataru, C., Teillet-Billy, D., Gauyacq, J.P., Teste, P., Chabrerie, J.P. Ion-assisted electron emission from a cathode in an electric arc 53946
Spath, J., Gremmelmaier, U., Briem, U., Huber, M.N. Architecture and performance evaluation of future photonic networks 47494
Spath, P.L. *see* Mann, M.K. 29112
Spaziani, R. *see* Kamath, M.V. 37836
Spazzafumo, G. *see* Cicconardi, S.P. 50870
Speake, C.C. *see* Quinn, T.J. 27387
Speake, C.C. *see* Trenkel, C. 3305
Speaker, L.A. A toolkit for developing TMN manager/agent applications 5990
Spear, J. *see* Cogan, A.I. 21969
Spear, S. *see* Allison, W.W.M. 37269
Specht, B. *see* Berndt, D. 19136
Specht, E.D. *see* Christen, D.K. 52673
Specht, J. *see* Zinkann, G.P. 49144
Specht, M. *see* Crowell, P.A. 7291
Speck, B.S. *see* Keusseyan, R.L. 53809
Speck, C.E. *see* Nastasi, M. 10885
Speck, D. Fast robust adaptation of predictor weights from min/max neighboring pixels for minimum conditional entropy 5333
Speck, D. *see* Jahne, B. 38365
Speck, D.R. *see* Widmayer, C.C. 23873
Speck, J.S. *see* Sink, R.K. 24006
Speck, J.S. *see* Wu, X.H. 31803
Specka, A.E. *see* Amiranoff, F. 17898
Specking, W. *see* Decool, P. 32950
Speckman, P. *see* Levy, C.E. 8051
Speckmann, R. *see* Iacobelli, F. 47958
Spector, C.J. *see* Jones, R.E., Jr. 32797
Spee, R. *see* Bhowmik, S. 29445
Spee, R. *see* Dongsheng Zhou 29212
Spee, R. *see* Enslin, J.H.R. 8757
Spee, R. *see* Gorti, B.V. 19689
Spee, R. *see* Gorti, B.V. 38684
Spee, R. *see* Van Zyl, A. 28875
Spee, R. *see* Zhou, D. 29710
Spee, R. *see* Zhou, D. 50983
Speedy, J.C. *see* Henley, F.J. 17663
Speer, M. *see* Hoffman, D. 57815
Speidell, J.L. *see* Patel, R.S. 4165
Speiser, S. *see* Greenwald, Y. 13804
Spekreijse, H. *see* Harding, G.F.A. 8056
Spektor, B. *see* Piestun, R. 44771
Spell, R. *see* Schlipf, M. 30987
Speller, R.D. *see* Luggar, R.D. 37546
Speller, R.D. *see* Mooney, M.J. 8003
Spellman, M. The application of GPS technology to the future spacelift range system (SLRS) 16999
Spelta, S. *see* Borghetti, A. 9098
Spence, A. *see* Govaerts, W. 10484
Spence, D., Lykke, K.R., McMichael, G.E. Plasma modified production of high-current, high-purity cw H^+, D^+, and H^- beams from microwave-driven sources 37200
Spence, H., Carmichael, N., Camargo, C. Automatic analog fault simulation 36418
Spence, R. *see* Ruowen Rong 44972
Spence, R. *see* Su, H. 11063
Spence, W.L. *see* Decker, F.-J. 37122
Spencer, B.F., Jr. *see* Chang-Hee Won 52933
Spencer, C.D., Paul, S.R. Hardware and software for a pulse height analyzer linked to a personal computer 36449
Spencer, D. *see* Hoshen, J. 58120
Spencer, D.B., Pedrow, P.D., Olsen, R.G., Barbosa-Canovas, G.V., Swanson, B.G. Space charge evolution in dilute binary electrolytes exposed to HV transients 32640
Spencer, E. *see* DeWitt, J. 59243
Spencer, E. *see* Dubbs, T. 37393
Spencer, E. *see* Sadrozinski, H.F.W. 37399
Spencer, E. *see* Unno, Y. 37395
Spencer, G.C.W. *see* Harrison, M.G. 55421
Spencer, J. *see* Ruth, R.D. 49165
Spencer, J.W. *see* Cosgrave, J.A. 51410
Spencer, J.W. *see* Ennis, M.G. 38910
Spencer, J.W. *see* Jones, G.R. 5189
Spencer, K.T. *see* Mor-Avi, V. 37732
Spencer, M. *see* Huish, P. 26389
Spencer, M. *see* Jones, W.L. 38077
Spencer, M.B., Alexander, J., Arndt, K., Bean, A., Bebek, C., Boyd, R., Brandenburg, G., Cherwinka, J., Darling, C., Duboscq, J., Fast, J., Foland, A., Gan, K.K., Gao, Y., Hopman, P., Kagan, H., Kass, R., Kim, P., Menon, N., Miller, D., Nemati, B., Oliver, J., Rush, C., Shipsey, I., Skubic, P., Ward, C., Yurko, M., Zoeller, M.M. The design, performance and status of the CLEO III silicon detector and low noise electronics 59274
Spencer, M.B. *see* Kagan, H. 37508
Spencer, M.B. *see* Shipsey, I. 59232
Spencer, M.G. *see* Senpeng Sheng 3612
Spencer, M.G. *see* Tang, X. 13658
Spencer, M.G. *see* Wongchotiqul, K. 10795

Spencer, M.P. *see* Moehring, M.A. 28193
Spencer, M.W., Chialin Wu, Long, D.G. Tradeoffs in the design of a spaceborne scanning pencil beam scatterometer: application to SeaWinds 28630
Spencer, M.W. *see* Long, D.G. 8428
Spencer, M.W. *see* Long, D.G. 28629
Spencer, N. *see* Ruth, R.D. 49165
Spencer, N.K. *see* Abramovich, Y.I. 4683
Spencer, N.K. *see* Abramovich, Y.I. 4703
Spencer, N.K. *see* Abramovich, Yu.I. 25119
Spencer, P.S., Shore, K.A. Quantum well structures for intersubband semiconductor lasers 14139
Spencer, P.S. *see* Middlemast, I. 44533
Spencer, R. *see* Zinke, K. 32520
Spencer, R.M. *see* Martint, G.H. 43140
Spencer, R.W. *see* Hood, R.E. 8427
Spencer, S.A. *see* Kim, R.Y. 28412
Spencer, T. *see* Agee, F.J. 53979
Spencer, T. *see* Hendricks, K. 11231
Spencer, T. *see* Kearney, P.P. 49561
Spencer, T. *see* Nailon, W.H. 8045
Spencer, T.A., Stump, M.D., Hendricks, K.J., Gilgenbach, R.M. Investigation of lower order mode suppression in a high current, high voltage gyro-BWO experiment 12110
Spencer, T.A., Stump, M.D., Hendricks, K.J., Gilgenbach, R.M. Investigation of lower order mode suppression in a high current, high voltage Gyro-BWO experiment 54001
Spencer, T.A. *see* Haworth, M.D. 12111
Spencer, T.A. *see* Hochman, J.M. 12087
Spencer, T.A. *see* Hochman, J.M. 53972
Spencer, T.A. *see* Jaynes, R.L. 12086
Spencer, T.W. Developing reliable process control methods for Blackhole direct metallization technology 11970
Spener, F. *see* Kunz, U. 7456
Spener, F. *see* Wendzinski, F. 36721
Spenger, M. *see* Ding, Y. 3862
Spenkelink, G.P.J., Besuijen, J. Chromaticity contrast, luminance contrast, and legibility of text 17652
Spens, W.Y., Lee, F.N. Interactive search approach to emission constrained dispatch 60302
Spentzouris, L.K. *see* Colestock, P.L. 17904
Spera, P., Oricchio, D., Cortesi, U. New instrument for atmospheric chemistry mission: MASTER+ 50073
Sperandio, J.C., Flikkema, P.G. Discrete-time Markov models for path delays in multipath channels 47528
Speranza, T., Riley, T., Nanda, A., Fowler, B., Torres, K., Geyling, F., Lindholm, D. Commercial RTP: a SEMATECH perspective 22503
Sperduto, L. *see* Aiello, S. 1483
Sperduto, M.L. *see* Aiello, S. 49328
Sperl, J. *see* Krenn, H. 7538
Sperlich, O. *see* Eichler, H.J. 3938
Sperling, D. The case for electric vehicles 39333
Sperner, A., Baab, J. Super fast diodes and their increasing demand in industrial applications 19860
Spero, P.J. *see* Bennett, K.D. 36503
Spesivtsev, E.V. *see* Ksvitashev, K.K. 30780
Speth, J.A. *see* Bayramian, A.J. 3765
Speth, M. *see* Lambrette, U. 46529
Spetzen, A., Shahbaz, M. TRANSIT–a tool for planning and evaluating telecommunications networks 57742
Speulstra, J. *see* Adler, E. 8669
Spevak, V.Ya. *see* Klyachko, A.V. 28026
Speybroeck, L.Van *see* Van Speybroeck, L.
Speyer, J.L. *see* Malladi, D.P. 39920
Speziali, V. *see* Aulchenko, V.M. 37243
Speziali, V. *see* Bauer, C. 37326
Speziali, V. *see* Bauer, C. 37378
Speziali, V. *see* Manfredi, P.F. 37494
Spezziga, M.A. *see* Angelini, F. 37362
Spezziga, M.A. *see* Bellazzini, R. 37434
Spiazzi, C., Mattavelli, P., Rossetto, L. Power factor preregulators with improved dynamic response 50412
Spiazzi, G., Mattavelli, P., Rossetto, L. Methods to improve dynamic response of power factor preregulators: an overview 60920
Spiazzi, G., Rossetto, L., Mattavelli, P. Design optimization of soft-switched insulated DC/DC converters with active voltage clamp 38830
Spiazzi, G., Rossetto, L., Mattavelli, P., Buso, S. High-quality rectifier based on Cuk converter in discontinuous capacitor voltage mode 51240
Spiazzi, G., Zuccato, A., Tenti, P. Analysis of conducted and radiated noise of soft-switched flyback DC-DC converter 51278
Spiazzi, G. *see* Mattavelli, P. 29396
Spiazzi, G. *see* Mattavelli, P. 29397
Spiazzi, L. *see* Olmi, R. 37831
Spicer, P. *see* Forrest, L. 55205
Spicer, V.E. *see* Schneider, J.E. 22674
Spicer, W.E. *see* Ying-Lan Chang 54072
Spidaliere, P. *see* Andary, J. 8387
Spiegel, E. *see* Kersjes, R. 18181
Spiegel, J.Van der *see* Van der Spiegel, J.
Spiegel, L. *see* Antos, J. 37373
Spiegel, L. *see* Azzi, P. 37390
Spiegel, L. *see* Matthews, J.A.J. 37266
Spiegel, M.F., Winslow, E. Database preprocessing and human-interface issues in reverse directory assistance (ACNA) services 45680
Spiegel, R.J. *see* Simoes, M.G. 29170
Spiegel, R.J. *see* Simoes, M.G. 29177
Spiegel, S. *see* Schaefer, O. 33292
Spiegel, T. *see* Katzmann, F.L. 27358
Spiegel, T. *see* Klonz, M. 27313
Spiegelman, J. Using an argon/hydrogen shielding gas to reduce the size of orbital welds 52183
Spiekman, L.H., Diemeer, M.B.J., Hoekstra, T.H., Smit, M.K. First polymeric phased array wavelength demultiplexer operating at 1550 nm 26927
Spiekman, L.H., Staring, A.A.M., Binsma, J.J.M., Jansen, E.J., van Dongen, T., Thijs, P.J.A., Smit, M.K., Verbeek, B.H. A compact phased array based multi-wavelength laser 24027
Spiekman, L.H., Staring, A.A.M., van Dam, C., Jansen, E.J., Binsma, J.J.M., Smit, M.K., Verbeek, B.H. Space-switching using wavelength conversion at 2.5 Gb/s and integrated phased array routing 26430
Spiekman, L.H. *see* Van Dam, C. 47980
Spieksma, F.C.R. *see* Crama, Y. 53777
Spielbauer, R. *see* Moreira, A. 16956
Spieler, H. *see* DeWitt, J. 59243
Spieler, H. *see* Sadrozinski, H.F.W. 37399
Spieler, H. *see* Unno, Y. 37395
Spielman, D.A. Linear-time encodable and decodable error-correcting codes 24687
Spielman, D.A. Linear-time encodable and decodable error-correcting codes 34543
Spielman, D.A., Shang-Hua Teng Spectral partitioning works: planar graphs and finite element meshes 651
Spielman, D.A. *see* Sipser, M. 24686
Spielman, R.B., Ruggles, L.E., Pepping, R.E., Breeze, S.F., McGurn, J.S., Struve, K.W. Fielding and calibration issues for diamond photoconducting detectors [for soft X-ray diagnostics] 37566
Spielman, R.B. *see* Sanford, T.W.L. 7753
Spielmann, C. *see* Xu, L. 33437
Spiering, C. *see* Karle, A. 6828
Spiers, D.J., Rasinkoski, A.O.A. Limits to battery lifetime in photovoltaic applications 60586
Spiesberger, J.L., Fabrikant, A.L., Silivra, A.A., Hurlburt, H.E. Mapping climatic temperature changes in the ocean with acoustic tomography: navigational requirements 50085
Spiesberger, J.L. *see* Silivra, A.A. 50086
Spiess, H.W. *see* Schaefer, O. 33292
Spiesser, M. *see* Bernede, J.C. 2128
Spieth, M.R., Hulskamp, J.P. Parallel image processing on single processor systems 57109
Spieweck, F. Internationale Einheitensystem - Entwicklung der Einheiten und heutiger Stand - (International System of Units: development and status) 17145
Spieweck, F. *see* Bettin, H. 27220
Spigulis, J., Lazdins, J., Pfafrods, D., Stafeckis, M. Side-emitting optical fibres for clinical applications 37851
Spijker, M.N. Error propagation in Runge-Kutta methods 10540
Spika, Z., Zimprich, C., Stolz, W., Goebel, E.O., Jiang, J., Schaper, A., Werner, P. Correlation of ordering formation and surface structure in (GaIn)P using modulated MOVPE 40354
Spika, Z. *see* Protzmann, H. 40340
Spila, E. *see* Panero, S. 21993
Spila, T. *see* Kim, H. 10750
Spileers, W. *see* Harding, G.F.A. 8056
Spiliopoulos, N., Mataras, D., Rapakoulias, D.E. Kinetics of power deposition and silane dissociation in radio-frequency discharges 40585
Spiliotis, I.M., Mertzios, B.G. Fast algorithms for basic processing and analysis operations on block-represented binary images 35032
Spiller, K. *see* Koschan, A. 5304
Spiller, P., Stetter, M., Stoewe, S., Neuner, U., Wollnik, H., Winkler, M., Mueller, R.W., Hofmann, I. Final beam transport and the application of high current pulsed quadrupole lenses for focusing in an inertial confinement fusion test facility 59153
Spiller, P. *see* Dornik, M. 59164
Spiller, P. *see* Stetter, M. 59163
Spiller, P. *see* Winkler, M. 59142
Spiller, T.P. Quantum information processing: cryptography, computation, and teleportation 13767
Spilling, A. 50 MW diesel power station for a mining complex in Pakistan 9755
Spillman, W. *see* Miller, M. 59964
Spillman, W.B., Jr., Huston, D.R. Pattern detection through the use of long gauge length spatially weighted fiber optic sensors 46058
Spillman, W.B., Jr., Huston, D.R. Impact detection, location and characterization using spatially weighted distributed fiber optic sensors 48584
Spillman, W.B., Jr., LaClair, R.D., Kuhns, W.W. Wavelength multiplexed multimode fiber optic sensor system 48599
Spillman, W.B., Jr. *see* Huston, D.R. 20152
Spillman, W.B., Jr. *see* Laclair, R.D. 59913
Spillman, W.B., Jr. *see* Neary, T.E. 10988
Spina, D. *see* Tuma, M.L. 36926
Spina, J. *see* Rahn, F.J. 38565
Spina, R., Upadhyaya, S. Linear circuit fault diagnosis using neuromorphic analyzers 30176
Spinak, D. *see* Greenberg, R.S. 37760
Spinatonda, G. *see* Colombo, R. 37593
Spindler, U. General stipulations for low-voltage switching equipment–the new IEC 947-1 [standard] 11817
Spindt, C.A., Brodie, I. Molybdenum field-emitter arrays 41780
Spinella, C., Priolo, F., Puglisi, R.A., Lombardo, S., Campisano, S.U. Nuclear energy and cascade effects on the ion-assisted crystal nucleation in amorphous silicon 31756
Spinella, C. *see* Coffa, S. 32118
Spinella, C. *see* Franzo, G. 33306
Spinelli, A. Counting the gates in a programmable logic 21601
Spinelli, A., Benvenuti, A., Pacelli, A. Investigation of quantum effects in highly-doped MOSFETs by means of a self-consistent 2D model 43023
Spinelli, A., Pacelli, A., Lacaita, A.L. Dead space approximation for impact ionization in silicon 12150
Spinelli, G., Martini, G., Takita, W., Chikara, S. TINA connection management implementation over distributed processing platforms 46934
Spinelli, G., Takita, W., Martini, C., Chikara, S. TINA connection management implementation over distributed processing platforms 35592
Spinelli, G. *see* Licciardi, C.A. 47259
Spinelli, P. *see* Barbarito, E. 18093
Spingarn, J.R. *see* Lawrence, C.M. 1013
Spingarn, J.R. *see* Lawrence, C.M. 48619
Spining, M. *see* Papachristou, C. 21606
Spink, D.M. Direct finite element solution for the capacitance, conductance or inductance, and force in linear electrostatic and magnetostatic problems 14521
Spink, D.M. Direct dual finite element solution method for the determination of capacitance, conductance or inductance in static linear problems 24360
Spinks, S.J. *see* Bell, I.M. 11609
Spinks, T.J. *see* Grootoonk, S. 18328
Spinner, B. *see* Goetz, V. 39435
Spinner, C.R., III *see* Stagaman, G.J. 2551
Spinosa, C. *see* Ruch, M. 1003
Spira, J. A new aqueous/semi-aqueous hybrid approach for inherently safe printed circuit board defluxing 41654
Spira, J. Novel waste-treatment technology applicable to aqueous based effluent streams from alternate cleaning processes to facilitate compliance with environmental regulations 41685
Spiridonov, S.I. *see* Fesenko, S.V. 8519
Spirig, T., Seitz, P., Vietze, O., Heitger, F. A smart CCD image sensor with real-time programmable parallel convolution capabilities 58849
Spirig, T., Seitz, P., Vietze, O., Heitger, F., Kubler, O. Real-time 2D feature detection with low-level image processing algorithms on smart CCD/CMOS image sensors 53350
Spiring, F. *see* Livingstone, C.E. 8483
Spirito, P. *see* Breglio, G. 3594
Spirito, P. *see* Cutolo, A. 44076
Spirito, P. *see* Persiano, G.V. 40888
Spirito, P. *see* Persiano, G.V. 40889
Spirito, P. *see* Pica, S. 42965
Spiro, A.G. *see* Belyaev, A.G. 24137
Spiro, A.G. *see* Mazurenko, Y.T. 4086
Spiro, A.G. *see* Mazurenko, Yu.T. 4117
Spiro, M. *see* Cribier, M. 59193
Spiropulu, M. *see* Antos, J. 37373
Spirou, S. *see* Ling, C.C. 8088
Spiteri, P. *see* El Baz, D. 16117
Spitsyn, V. Numerical model propagation of electromagnetic wave in random discrete media 45029
Spitsyn, V.G. Multiple scattering of electromagnetic waves by the internal surfaces of turbulent bodies of revolution 4229
Spitsyna, N.G. *see* Mukhanov, V.A. 10581
Spitz, A.L. Determination of the script and language content of document images 46310
Spitzak, S.E., Caress, D.W., Miller, S.P. Advances in realtime multibeam survey visualization and quality control 49995
Spitzak, S.E. *see* Cohen, P.A. 49996
Spitzer, T. The GGS spacecraft, solar arrays for space physics 38006
Spivak, L. *see* Rud, L. 41411
Spivey, B. *see* Stahl, S.M. 35128
Spivey, B.A. *see* Andre, M.P. 37726
Spivey, B.A. *see* Otto, G.P. 37702
Spizzichino, A. *see* Di Cocco, G. 59368
Spletter, P. *see* Sandborn, P. 52270
Spoelstra, J., Botha, E.C. New rotation-invariant features for radar target recognition 48098
Spoelstra, T.A.T. Will radio astronomy survive? 48208
Spoerri, W. *see* Manser, R. 51793
Spofford, J. *see* Munkeby, S. 19032
Spohn, P.K. Understanding grating coupler sensor (GCS) data without engagement of the system of mode equations 36512
Spohr, R. *see* Hjort, K. 13153
Spolaor, S., Rossi, G. Blade torque of Kaplan turbines 60577
Spolaore, M. *see* Rigato, V. 10890
Spolaore, P., Bisoffi, G., Cervellera, F., Pengo, R., Scarpa, F., Binelle, G., Zanon, A. The large gap case for high voltage insulation in vacuum 23207
Spolenak, R. *see* Arzt, E. 32238
Spolnik, Z. *see* Paszkowicz, W. 41965
Sponer, C. *see* Pum, D. 42861
Sponheim, N., Myhrum, M. An ultrasound contrast agent's influence on the measured Doppler signal 18347

Spooner, C.M. Classification of co-channel communication signals using cyclic cumulants 4806
Spooner, D.J. *see* Babcock, J.A. 41526
Spooner, E. DC motors for high power propulsion drives 29801
Spooner, E., Haines, N., Bucknall, R. Slotless-armature DC drives for surface warship propulsion 9657
Spooner, E., Williamson, A. Modular, permanent-magnet wind-turbine generators 29283
Spooner, E. *see* Chen, Z. 19647
Spooner, E. *see* Geary, J.R. 19683
Spooner, E. *see* Hu, Y.T. 19692
Spooner, T.A. *see* Broomfield, M.C. 42626
Sporken, R. *see* Guyaux, J.-L. 2120
Spornic, S. *see* Kedous-Lebouc, A. 24362
Sporov, A.E. *see* Azarenkov, N.A. 4273
Sporring, J. The entropy of scale-space 5316
Sporring, J., Nielsen, M. Direct estimation of first order optic flow 15729
Sportouch, L. *see* Cassir, M. 19996
Sposi, B. *see* Puliti, C. 29376
Sposili, R.S., Im, J.S. Sequential lateral solidification of thin silicon films on SiO_2 10822
Spoto, D., Cosentino, O., Fiorica, F. TRANSMED, a scientific mission based on stratospheric balloons using S-band telemetry and telecommand 18820
Spouse, K.G. The detection of buried plastic landmines by electro-magnetic induction? 8602
Spragg, J. *see* Owens, A. 18148
Sprague, J. *see* Bechinger, C. 13696
Sprague, J.J., Porat, O., Tuller, H.L. Mixed conducting gas sensors: atmosphere dependent electrode impedance 36761
Sprague, K. *see* Haliquist, E. 50184
Sprangle, P., Hafizi, B., Hubbard, R.F. Ionization and pulse lethargy effects in inverse Cherenkov accelerators 59116
Sprangle, P. *see* Esarey, E. 17912
Sprangle, P. *see* Hafizi, B. 59150
Sprangle, P.A. *see* Fliflet, A.W. 55745
Spratt, D. *see* Appel, A. 2814
Spratt, G.W.D. *see* Anoikina, T.V. 32852
Sprave, J. *see* Rudolph, G. 10393
Sprave, M., Blum, R., Eich, M. High electric field conduction mechanisms in electrode poling of electro-optic polymers 2234
Sprecher, E. *see* Zaslansky, R. 18403
Sprecher, J., David, A., Dessoude, M. High power adjustable speed drive for power plant: current source structure with thyristors for induction machine 61124
Sprehn, D. *see* Ruth, R.D. 49165
Sprehn, D. *see* Scheitrum, G. 7721
Spreiter, Q. *see* Toepffer, C. 59126
Spreng, D. *see* Schwarz, J. 20098
Spreng, M. *see* Hellmann, G. 49589
Sprengel, R. *see* Rohr, K. 15994
Sprenger, M. *see* Pogany, P. 55659
Sprevak, D. *see* Walton, A.J. 54774
Sprey, J.A. Videoconferencing as a communication tool 47241
Spriegel, D. *see* Matsuyama, Y. 25469
Spring, R. *see* Wittwer, S. 3766
Spring Thorpe, A.J. *see* Micovic, M. 735
Springer, H. *see* Lang, O. 29238
Springer, J., Herbst, D., Kremer, M., Schlick, C., Wolf, M., Luczak, H. Telecooperation in product development–chances and risks of intercorporate networks 16285
Springer, J. *see* Schlick, C. 35785
Springer, R. *see* Schomburg, C. 43281
Springer, T. *see* Baeriswyl, P. 36936
Springham, S.V. *see* Lee, S. 59348
Springholz, G., Bauer, G. A scanning tunnelling microscopy study of local surface modifications induced by misfit dislocation formation in strained-layer heteroepitaxy 2093
Springholz, G., Ueta, A.Y., Frank, N., Bauer, G. Spiral growth and threading dislocations for molecular beam epitaxy of PbTe on BaF_2 (111) studied by scanning tunneling microscopy 10674
Springholz, G. *see* Pichler, C. 21246
Springholz, G. *see* Yuan, S. 42192
Sprinholtz, G. *see* Grabecki, G. 12416
Sprinhultz, G. *see* Grabecki, G. 42234
Spronck, L. *see* Scarpa, P. 29505
Sproul, A.B., Edmiston, S.A., Puzzer, T., Heiser, G., Wenham, S.R., Green, M.A., Young, T.L. Grain boundary modeling and characterization of thin-film silicon solar cells 39001
Sproul, A.B. *see* Edmiston, S.A. 9540
Sproul, A.B. *see* Guang Fu Zheng 39206
Spruce, G. *see* Rangel-Rojo, R. 43892
Spruijt, H.J.N. *see* van Dijk, K. 37971
Spruijt, R.J. *see* Korstjens, C.M. 49551
Sprunck, M. *see* Ruckerbauer, F. 28479
Sprung, D.W.L. *see* Martorell, J. 2179
Spruyt, P. *see* Van Der Plas, G. 47426
Spruyt, P. *see* Van Kerckhove, J.-F. 6362
Spudis, P. *see* Nozette, S. 27126
Spuler, B. *see* Naeem, M. 54481
Spuri, M. *see* Hermant, J.-F. 25938
Spuri, M. *see* Meschi, A. 5749
Spurio, M. *see* Cecchini, S. 7822
Spurny, F., Bednar, J., Johansson, L., Satherberg, A. Linear energy transfer spectra of secondary particles in CR-39 track etch detectors 18127
Spurny, F., Votockova, I., Turek, K., Bamblevski, V.P. Response of different dosimeters in high energy reference fields behind the shielding of the phasotron at JINR Dubna 8209
Spurrell, S. *see* White, A.J. 20228
Spyker, R.L., Nelms, R.M. Double layer capacitor/DC-DC converter system applied to constant power loads 20095
Spyker, R.L., Nelms, R.M. Optimization of double layer capacitor arrays 38938
Spyker, R.L. *see* Halpin, S.M. 19291
Spyridakis, J.H., Holmback, H., Shubert, S.K. Measuring the translatability of Simplified English in procedural documents 39958
Spyrou, N.M. *see* Grootoonk, S. 18328
Squibb, N. Networking a la mode [asynchronous transfer mode] 25866
Squier, J., Barty, C.P.J. Phase and amplitude control for compact, high-intensity femtosecond lasers 52191
Squier, J. *see* Barty, C.P. 14075
Squier, J. *see* Barty, C.P.J. 3802
Squier, J. *see* Barty, C.P.J. 7933
Squier, J. *see* Hariharan, A. 3726
Squier, J. *see* Kane, S. 3944
Squillante, M. *see* Redus, R. 37495
Squillante, M. *see* Schlesinger, T.E. 37554
Squillante, M.R., Entine, G. Novel concepts in X-ray and γ-ray detection using compound semiconductors 37322
Squillante, M.R. *see* Shah, K.S. 37339
Squillante, M.R. *see* Shah, K.S. 59360
Squillante, M.S., Tsoukatos, K.P. Analysis of optimal scheduling in distributed parallel queueing systems 46692
Squire, A. *see* Bain, A.J. 23769
Squire, E.K., Russell, P.St.J., Snow, P.A. The design of high performance porous silicon light emitting diodes using a photonic band-gap approach 33309
Squire, P.T. Magnetomechanical measurements and their application to soft magnetic materials 23299
Squire, P.T. *see* Atalay, S. 3031
Squire, P.T. *see* Atalay, S. 3059
Squires, B., Sammut, C. Automatic speaker recognition: an application of machine learning 45688
Squires, B. *see* Smith, R.P. 49321
Srairi, K., Bendjima, B., Feliachi, M., Develey, G. Numerical and experimental studies of a linear electromagnetic actuator supplied by capacitor discharge voltages 51050
Srairi, K. *see* Bendjima, B. 44883
Srbljic, S. An adaptive coherence protocol using write invalidate and write update mechanisms 46783
Srdoc, D.J., Simic, B., Radojkovicz, P. Computer-aided determination of peak horizontal force under the impact of 10 and 0.4 kV lines with a selection of branch parameters 60413
Sreckovic, M. *see* Reljin, B. 21423
Sredniawski, J. *see* Debiak, T.W. 49104
Sredniawski, J. *see* Melnychuk, S.T. 49111
Sredniawski, J. *see* Rathke, J. 49103
Sredniawski, J.J., Debiak, T.W., Kamykowski, E., Rathke, J., Milton, B., Rogers, J., Schmor, P., Stanford, G., Brondo, J. A contraband detection system proof-of-principle device using electrostatic acceleration 49353
Sredniawski, J.J. *see* Melnychuk, S.T. 49110
Sreekanth, C.S. *see* Wong, H. 54513
Sreelal, S. *see* Krishnakumar, M. 8261
Sreelal, S. *see* Krishnakumar, M. 8266
Sreemoolanadhan, H., Solomon, S., Isaac, J., Sebastian, M.T., Mohanan, P. Dielectric resonators for microstrip circuits 1692
Sreenivas, T.H. *see* Ram, D.J. 492
Sreenivasan, K.R., Vedula, S. Reservoir operation for hydropower optimization: a chance-constrained approach 9120
Sreeramana Aithal, P., Mohan Rao, P., Avasthi, D.K. Effect of heavy ion irradiation on non-linear properties of organic crystals 55267
Srensen, J.L. *see* Lodahl, P. 55899
Sreseli, O.M. *see* Polisskii, G. 54016
Sri, V. *see* Plataniotis, K.N. 15480
Sri Krishna, K. Software problems in commissioning of E-10B exchanges 58061
Sri Ram, P. *see* Rama Rao, P.V.S. 14614
Sri Ranga, A. Companion orthogonal polynomials 541
Sridhar, B. *see* Smith, P.N. 18649
Sridhar, R., DeBrunner, V.E. Computational aspects of telemedicine 7875
Sridhar, R., Martinez-Smith, A., McGee, B. Speed and power comparison of CMOS wave pipelined systems and low power WTGL 2830
Sridhar, R. *see* Martinez-Smith, A. 11391
Sridhar, R. *see* Talukdar, D. 11396
Sridhar, R. *see* Meindl, J.D. *(editor)* 9818
Sridhar, S., Baliga, B.J. Current saturation mechanism and FBSOA of the SIMEST 54614
Sridhar, S. *see* Gavish, B. 47094
Sridhar, S. *see* Jacobs, T. 1689
Sridhar, S. *see* Thomas, P. 19809
Sridhar, V., Guha, S.K., Anand, S., Bhattacharya, A.B. Electro-mechanical cochlear stimulation 8149
Sridharan, A. *see* Brozek, T. 43075
Sridharan, K. *see* Grace, J.L. 17403
Sridharan, S. *see* Castellano, P.J. 15137
Sridharan, S. *see* Cole, D. 45700
Sridharan, S. *see* Slomka, S. 45654
Sridharan, S. *see* Yuchang Cao 45645
Sridharan, S. *see* Yuchang Cao 56369
Sridharan, V., Jayashree, P.R. Transient behaviour for a continuous time parameter system with finite waiting room 39994
Sridharan, V., Mohanavadivu, P. Reliability and availability analysis for two non-identical unit parallel systems with common cause failures and human errors 39940
Srihari, S.N. *see* Kim, G. 15558
Srihari, S.N. *see* Kim, G. 25757
Srikant, R. *see* Kumar, S. 30442
Srikant, V., Clarke, D.R. Manipulating the electrical and optical properties of polycrystalline ZnO based thin films 12271
Srikanth, N. *see* Kuah, T.H. 20873
Srikanth, S. *see* Sarma, A.D. 6997
Srilakshmi, T. *see* Subbaiah, P.V. 45378
Srinath, M.D. *see* Mandyam, G. 4884
Srinath, M.D. *see* Mandyam, G.D. 34724
Srinilta, C., Jadav, D., Choudhary, A. Design and evaluation of data storage and retrieval strategies in a distributed memory continuous media server 47454
Srinilta, C. *see* Jadav, D. 47366
Srinivas, B.S., Anizoglu, M., Riskin, E.A., Ladner, R. Image transmission with error concealment on a lossy packet network 26009
Srinivas, G., Sung-Chul Shin Novel (Pt/Co/Pt/Ni) multilayers for magneto-optical recording media 3186
Srinivas, G., Vankar, V.D. Effect of microstructural and interface modifications on electrical properties of molybdenum silicide thin films formed by rapid thermal annealing 54517
Srinivas, H.R., Parhi, K.K., Montalvo, L.A. Radix 2 division with over-redundant quotient selection 21563
Srinivas, M.K., Bushnell, M.L., Agrawal, V.D. Flags and algebra for sequential circuit VNR path delay fault test generation 53218
Srinivas, S. *see* Sekhar, P. 9163
Srinivas, V. *see* Kasiviswanathan, S. 41993
Srinivas Rao, K., Pandharipande, V. Transmission matrix analysis of cascaded discontinuities in the center conductor of microstripline 11641
Srinivas Rao, K. *see* Gupta, R.P. 60475
Srinivas Rao, N. *see* Rahman, S. 29528
Srinivasa, P. *see* Fu-Hua Liu 14886
Srinivasa Rao, M.P., Prasad, B., Khastgir, P., Ojha, S.P. Modal cutoff condition for an optical waveguide with a hypocycloidal cross section 43992
Srinivasan, A. *see* Raghavachari, M. 54757
Srinivasan, B. *see* Feller, G.S. 33417
Srinivasan, C. *see* Dhanalakshmi, K. 30858
Srinivasan, C. *see* Mukherjee, S. 53359
Srinivasan, D., Tettamanzi, A. Heuristics-guided evolutionary approach to multiobjective generation scheduling 8838
Srinivasan, D., Tettamanzi, A.G.B. An evolutionary algorithm for evaluation of emission compliance options in view of the Clean Air Act Amendments 50675
Srinivasan, E., Lloyd, D.A., Parsons, G.N. Dominant monohydride bonding in hydrogenated amorphous silicon thin films formed by plasma enhanced chemical vapor deposition at room temperature 40615
Srinivasan, E., Parsons, G.N. Electronic properties of PECVD hydrogenated amorphous silicon with predominantly monohydride bonding deposited at less than 150°C 12305
Srinivasan, E., Parsons, G.N. Hydrogen elimination and phase transitions in pulsed-gas plasma deposition of amorphous and microcrystalline silicon 30934
Srinivasan, G. *see* Vembu, S. 30120
Srinivasan, G.R., Murthy, C.S., Dunham, S.T. *(editors)* Proceedings of the Fourth International Symposium on Process Physics and Modeling in Semiconductor Technology 39560
Srinivasan, J. *see* Forsberg, F. 18346
Srinivasan, J.M. *see* Solomon, S.C. 60062
Srinivasan, K. *see* Edmonson, W.W. 15408
Srinivasan, K. *see* Kattakayam, T.A. 9558
Srinivasan, M. *see* Panchal, C.G. 52871
Srinivasan, M. *see* Shyam, A. 27572
Srinivasan, M.V., Venkatesh, S., Hosie, R. Qualitative estimation of camera motion parameters from video sequences 57411
Srinivasan, P., Jamieson, L.H. Variable-rate speech coding using discrete time wavelet extrema representation 14880
Srinivasan, P., Jamieson, L.H. Wavelets based on splines: An application 24854
Srinivasan, P., Jamieson, L.H. Techniques for variable rate speech coding using wavelet representations 34708
Srinivasan, P.V., Reddy, B.S. Electricity demand management through pricing: scope and options 19165
Srinivasan, R. Demand analysis for solar photovoltaic cells–a case study of Gundlupet Taluk 38644
Srinivasan, R., Nagaraja Naidu, B. A new digital display system for the 1-m telescope at Vainu Bappu Observatory 48757
Srinivasan, R.C. *see* Cartledge, J.C. 55720
Srinivasan, S. Design of optimal cascaded multirate filter banks in the presence of quantization 56478

Srinivasan, S. *see* Lim, N.S. 61041
Srinivasan, S. *see* Raghavan, S. 60031
Srinivasan, V., Ghanwani, A., Gelenbe, E. Block loss reduction in ATM networks 26027
Srinivasan, V., Ghanwani, A., Gelenbe, E. A simulation study of schemes for block loss reduction in ATM networks using FEC and buffer management 46631
Srinivasan, V., O'Connor, M.A. Tolerancing electronic packaging assemblies 30226
Srinivasan, V. *see* Gelenbe, E. 5675
Srinivasan, V. *see* Gelenbe, E. 25973
Srinivasan Keshav *see* Kalmanek, C.R. 35746
Srinivasu, V.V., Pinto, R., Sastry, M.D. Magnetic shielding effects in Ag-doped and pure $YBa_2Cu_3O_{7-x}$ thin films probed by non-resonant microwave absorption 43761
Srinivasulu Naidu, B. *see* Paul Ramesh, P. 54143
Srinvas Rao, K., Pandharipande, V.M. Analysis of tapered microstrip transmission line having a linearly varying width 1681
Sriram, D. *see* Chaube, N. 7555
Sriram, K. *see* Doshi, B.T. 16078
Sriram, K. *see* Doshi, B.T. 16098
Sriram, P. *see* Bist, A. 57096
Sriram, S. *see* Agarwal, A.K. 42044
Sriram, S. *see* Crofton, J. 12531
Sriram, T.S. *see* Zhang, Y. 22547
Sriranganathan, S., Bull, D.R., Redmill, D.W. Low complexity two-dimensional digital filters using unconstrained SPT term allocation 1603
Srite, S., Epperlein, P.W., Dommann, A., Rockett, A., Broom, R.F. Properties of Zn implanted GaN 12673
Srivas, M., Camilleri, A. *(editors)* Formal Methods in Computer-Aided Design. First International Conference, FMCAD '96 Proceedings 30023
Srivastav, M., Tyagi, G.S., Srivastava, G.P., Shahnawaz, Tandon, R.P., Matheru, B.S. Dielectric resonators using Mn-doped barium nanotitanate 1694
Srivastava, A., Prabhu, S.S. The role of corporate synergy accomplishment in determining performance of diversification strategies 118
Srivastava, A. *see* El-Geneidy, A.M. 26266
Srivastava, A. *see* Fuhrmann, D.R. 4689
Srivastava, A. *see* Gammino, S. 7776
Srivastava, A. *see* Khandelwal, A. 47423
Srivastava, A. *see* Sun, J. 22979
Srivastava, A.K., Sun, Y., Zyskind, J.L., Sulhoff, J.W. EDFA transient response to channel loss in WDM transmission system 36134
Srivastava, A.K. *see* Sun, Y. 36127
Srivastava, G.P., Mathew, V., Vedeshwar, A.G. Full wave analysis of microstrip resonators on anisotropic substrates 4315
Srivastava, G.P., Tripathy, A.R., Bansal, S.K., Nath, J. Magnetic field response of microwave losses in cuprate superconductors 3274
Srivastava, G.P. *see* Srivastav, M. 1694
Srivastava, H.O. Broadcasting in the cyberspace 16345
Srivastava, J.K. *see* Gundu Rao, T.K. 3592
Srivastava, K.N., Srivastava, S.C. Effect of generation rescheduling on voltage stability margin 19056
Srivastava, M.B., Potkonjak, M. Knowledge-based transformation ordering 21757
Srivastava, M.B. *see* Agrawal, F. 26648
Srivastava, O.N. *see* Khare, N. 43791
Srivastava, O.N. *see* Pandey, R.N. 29634
Srivastava, O.P. Energy policy impact: in Indian context 28765
Srivastava, P.C., Singh, U.P., Pandey, S.P., Avasthi, D.K. Study of hydrogen in hydrogenated Pd/semiconductor device by ERDA 32063
Srivastava, R. *see* Weiss, M.N. 13648
Srivastava, S., Gupta, N., Saini, M., Sharma, E.K. Power exchange in coupled optical waveguides 43986
Srivastava, S. *see* Jefferies, W. 18788
Srivastava, S. *see* Sharma, E.K. 44050
Srivastava, S.C. *see* Srivastava, K.N. 19056
Srivastava, S.K. Interactive multimedia–the technology and its applications 26365
Srivastava, S.K., Lukowski, T.I., Gray, R.B., Shepherd, N.W., Hawkins, R.K. RADARSAT: image quality management and performance results 16893
Srivastava, S.K. *see* Chanana, R.K. 12724
Srnanek, R., Nemeth, S., Kovac, J., Satka, A., Skriniarova, J., Jakabovic, J., Kicin, S., Borghs, G., Grietens, B., Novak, J., Sestakova, V., Pekarek, L. Characterization of GaAs/AlAsSb/GaSb heterostructures prepared by MBE 12339
Sroczan, E. Application of artificial intelligence to algorithms of power plant identification with the purpose of load dispatch 38302
Sroczynska, A. *see* Jeszka, J.K. 22321
Srolovitz, D.J. *see* Feng Ying 868
Srolovitz, D.J. *see* Smith, R.W. 720
Sschwandner, A. *see* Frank, K. 28948
Ssu-Pin Ma *see* Kuang-Yu Hsu 55224
St-Louis, M. *see* Van Dyke, P. 50607
St-Martin, S. *see* Iordache, O. 11853
Staa, F.von *see* von Staa, F.
Staab, D. Practical issues of failure diagnosis and analysis in a fast cycle time environment 30180
Stabile, P. *see* Lang, F. 27671
Stabler, E.P., Nassif, M.P., Paragi, R.J. Verification of ASIC designs in VHDL using computer-aided reasoning 11501
Stables Anderson, K. *see* Rega, J. 6251
Stabrowski, M. *see* Tumanski, S. 27844
Stabulnieks, J. *see* Latkovskis, L. 60875
Stacewicz, T., Krainska-Miszczak, M. Time-resolved photon counting with digital oscilloscope 58627
Stacey, B.J. *see* Mihan, K.K. 30231
Stacey, B.J. *see* Witzman, S. 35558
Stacey, D.A. *see* Grewal, G.W. 11077
Stacey, G. *see* Nandakumar, M. 1238
Stacey, W. *see* Colomb, F. 34350
Stacey, W. *see* Rao, M.V. 22756
Stach, A. *see* Fleischmann, P. 13107
Stach, A. *see* Schrom, G. 12977
Stach, E. *see* Lanzerotti, L.D. 42962
Stach, J., Place, J. A simulation study of hybrid SSP/IP architecture in the Advanced Intelligent Network 6295
Stach, J., Sharma, R., Shaw, S. A unified approach to feature extraction for model-based ATR 6939
Stachen, M. *see* Wubbenhorst, M. 54967
Stachura, Z. *see* Stohlker, Th. 7727
Stackler, J. *see* Jetter, K. 30585
Stacy, N.J.S., Burgess, M.P. Ingara: The Australian Airborne Imaging Radar Land Surveillance System 16942
Stacy, N.J.S., Burgess, M.P., Muller, M.R., Smith, R. Ingara: an integrated airborne imaging radar system 8532
Stade, D. *see* Schau, H. 20261
Stadje, W. An optimal stopping problem with two levels of incomplete information 40011
Stadler, G. *see* Bojtor, L. 60556
Stadler, R. *see* Campbell, A.T. 47334
Stadler, R. *see* Chan, M.C. 6316
Stadler, R. *see* Mun Choon Chan 35553
Stadler, W. *see* Hofmann, D.M. 31816
Stadlin, W.O. *see* Tufegdzic, N. 19588
Stadnik, V.A. *see* Dunford, R.B. 54149
Stadnyk, B., Stepanyak, M., Dziuban, E. Temperature measurement of human body [and use in hyperthermia temperature control] 28156
Stadt, H.van de *see* van de Stadt, H.
Stadterman, T.J., Cushing, M., Hum, B., Malhotra, A., Pecht, M. The transition from statistical-field failure based models to physics-of-failure based models for reliability assessment of electronic packages 38151
Stadtlander, G. *see* Yasar, G. 11433
Stadtmuller, H. District-heating power stations in regional power supply undertakings–experiences of implementation 38593
Staebler, R.M. *see* Hoff, R.M. 28618
Staeck, J. *see* Wurthwein, F. 59342
Staehli, J.L. *see* Bongiovanni, G. 44637
Staehli, J.L. *see* Capozzi, V. 12401
Stafeckis, M. *see* Spigulis, J. 37851
Staffa, J. *see* Ruzyllo, J. 42530
Staffetti, E. *see* Martinez, J. 5385
Stafford, A., Irvine, S.J.C., Griffiths, C.L. In situ measurement of the thermal and photo-assisted MOVPE of ZnTe using laser reflectometry 40343
Stafford, D.C. *see* Malhotra, S.S. 13437
Stafford, G.A. *see* Solomon, S.C. 60062
Stafford, G.R. *see* Qing Liao 52741
Stafford, J.W. *see* Bonda, R. 221
Stafford Baines, C.G., Bacon, M.E. Note on using computer simulations in teaching introductory digital electronics courses 30031
Stafrace, V. Handle with care–programmable devices and manufacturing 10032
Stafstrom, S. *see* Fagerstrom, J. 23666
Stafsudd, O.M. *see* Bult, K. 17268
Stagaman, G.J., Eakin, R.J., Sardella, J.C., Johnson, J.R., Spinner, C.R., III Effects of complex illumination on lithography performance 2551
Stagat, R. *see* Stahl, S.M. 35128
Stage, B., Zerr, B. Detection of objects on the sea bottom using backscattering characteristics dependent on the observation point 48131
Stagg, J.P. *see* Day, S. 26930
Staggs, S.T., Jarosik, N.C., Meyer, S.S., Wilkinson, D.T. An absolute measurement of the cosmic microwave background radiation temperature at 10.7 GHz 27124
Stagni, L. *see* Aulchenko, V.M. 37243
Stagno, V. *see* Boggia, A. 49136
Stahelin, M., Zysset, B., Ahlheim, M., Marder, S.R., Bedworth, P.V., Runser, C., Barzoukas, M., Fort, A. Nonlinear optical properties of push-pull polyenes for electro-optics 14302
Stahl, D. *see* Nouragas, P. 59968
Stahl, D.O. Boundedly rational rule learning in a guessing game 10268
Stahl, D.O. *see* Gupta, A. 35692
Stahl, H., Muller, J., Lang, M. An efficient top-down parsing algorithm for understanding speech by using stochastic syntactic and semantic models 14944
Stahl, H. *see* Ebersberger, M. 15103
Stahl, S.M., Kremer, R., Fairchild, P., Hughes, K., Spivey, B., Stagat, R. Sheared-beam coherent image reconstruction 35128
Stahl, U., Sturz, H. Technical aspects of network interconnection 16158
Stahl, U. *see* Lautenschlager, W. 46952
Stahl, W. *see* Grabow, J.-U. 7559
Stahlberg, F. *see* Wirestam, R. 59493
Stahlbush, R.E. Electron trapping in buried oxides during irradiation at 40 and 300 K 22473
Stahle, C.M., Palmer, D., Bartlett, L.M., Parsons, A., Shi Zhiqing, Lisse, C.M., Sappington, C., Cao, N., Shu, P., Gehrels, N., Teegarden, B., Birsa, F., Singh, S., Odom, J., Hanchak, C., Tueller, J., Barthelmy, S., Krizmanic, J., Barbier, L. CdZnTe detectors for gamma-ray Burst ArcSecond Imaging and Spectroscopy (BASIS) 37354
Stahle, C.M. *see* Kurczynski, P. 59369
Stahlkopf, K.E., Wilhelm, M.R. Tighter controls for busier systems [power systems] 50451
Staib, L.H. *see* Chakraborty, A. 18276
Staicu, M. *see* Ghita, C. 60644
Staicut, E., Macri, G., Toia, A. RNC Project: Bringing European and international research networks access to Romanian users 6246
Staiger, T. *see* Dorr, M. 55079
Staiger, T. *see* Stoye, P. 32891
Stainer, A. Productivity and strategic management accounting 52077
Stainforth, D., Cole, A., Dolley, P., Edwards, H., Wilczek, J., Wood, M. An overview of the UK Department of Trade and Industry's (DTI's) programme in solar energy 50853
Stainforth, D. *see* Yordi, B. 60601
Stair, K.A. *see* Guotong Du 14189
Stajdohar, M. *see* Kovacic, Z. 9614
Stajic, Z. *see* Tasic, D. 19273
Stajic, Z.P., Petrovic, D., Tasic, D., Vukic, D. Application of programme package MATHEMATICA in analysis of asynchronous starting of synchronous motors 19713
Stajic, Z.P., Petrovic, D.S., Tasic, D.S. Analysis of rotor swings of synchronous machines under the synchronous starting conditions 19712
Stake, J. *see* Kollberg, E.L. 11709
Stakhira, J. *see* Savchyn, V. 42587
Stalder, K.R. *see* Brinkman, E.A. 30879
Stalder, M. Active and passive optical components using liquid crystals 13738
Stalder, M., Schadt, M. Linearly polarized light with axial symmetry generated by liquid-crystal polarization converters 13720
Staley, D. Revising military equipment maintenance documentation for new cleaning alternatives: the Boeing perspective 38194
Staley, R. *see* Brawn, I. 59325
Stalgies, Y. *see* Appasamy, B. 7141
Stalgorova, O.V., Gromnitskaya, E.L., Dmitriev, D.R., Voronov, F.F. Ultrasonic piezometer for the 0-2.0 GPa pressure and 77-300 K temperature range 36534
Stalidis, G., Maglaveras, N., Dimitriadis, A., Pappas, C., Strintzis, M., Efstratiadis, S.N. Application of a 3-D ischemic heart model derived from MRI data to the simulation of the electrical activity of the heart 37737
Stall, J.A. Shutdown risk management [nuclear plants] 38526
Stall, R.A. *see* Edwards, N.V. 41982
Stall, R.A. *see* Hwang, C.-Y. 54091
Stall, R.A. *see* Hwang, C.Y. 12266
Stall, R.A. *see* Li, Y. 12779
Stall, R.A. *see* Steckl, A.J. 52822
Stall, R.A. *see* Thompson, A.G. 10702
Stall, R.A. *see* Thompson, A.G. 10853
Stall, R.A. *see* Thompson, A.G. 40329
Stall, R.A. *see* Tingkai Li 31265
Stall, R.A. *see* Zhang, H.Y. 4042
Stall, R.A. *see* Zolper, J.C. 12674
Staller, C. *see* Yadid-Pecht, O. 27684
Staller, C.O. *see* Mendis, S.K. 27683
Staller, C.O. *see* Nixon, R.H. 27650
Stallings, W. The new and improved Internet Protocol 6092
Stallings, W. Internet armor 16221
Stalnacke, B. *see* Frojdh, K. 12410
Stalnacke, B. *see* Kjebon, O. 44491
Stalnacke, B. *see* Rigole, P.-J. 14121
Stalnacke, B. *see* Rigole, P.-J. 14156
Stalnacke, B. *see* Rigole, P.-J. 58283
Stalnacke, B. *see* Schatz, R. 55615
Stalnacke, B. *see* Silfvenius, C. 40335
Stalnacke, B. *see* Wesstrom, J.-O.J. 43155
Stalnionis, A., Adomavicius, R., Krotkus, A., Marcinkevicius, S., Leon, R., Jagadish, C. Transient photoconductivity and photoluminescence in InP:Cu 12253
Stals, L.M. *see* D'Haeger, V. 42765
Stam, C.J., van Woerkom, T.C.A.M., Pritchard, W.S. Use of non-linear EEG measures to characterize EEG changes during mental activity 18411
Stam, M.A.J.Van Der *see* Van Der Stam, M.A.J.
Stamatelos, G. *see* Movahhedinia, N. 47554
Stamatelos, G.M., Koukoulidis, V.N. Reservation-based bandwidth allocation in a radio ATM LAN 6179
Stamatelos, G.M. *see* Farley, R.O. 6084
Stamatescu, L., Hamilton, M.W. Transfer function approach to collective mode dynamics in a Nd:YAG laser 55559
Stambler, I. Refinery IGCCs producing electric power, steam, high value products 50802
Stambolova, I., Konstantinov, K. Influence of additives on the morphological, phase and chemical characteristics of gas sensitive SnO_2 sprayed films 17578

Stambouli, A.Boudghene *see* Boudghene Stambouli, A.

Stamenkovic, L. *see* Pavlovic, V. 60124

Stamer, J.-H. *see* Fenninger, H. 19145

Stamer, P. *see* Abe, K. 37234

Stamkopoulos, T. *see* Diamantaras, K.I. 49631

Stamm, K. A new approach to the nonparametric identification of nonlinear systems 53005

Stamm, R. *see* Benredjem, D. 13913

Stamm, U. *see* Kleinschmidt, J. 2473

Stamm, W. *see* Krawczynski, H. 37287

Stammbach, T., Adam, S., Fitze, H.R., Joho, W., Schryber, U. Potential of cyclotron based accelerators for energy production and transmutation 7699

Stammer, D., Wunsch, C. The determination of the large-scale circulation of the Pacific Ocean from satellite altimetry using model Green's functions 8502

Stamon, G. *see* Ravaut, F. 5435

Stamos, T. *see* Kim, B. 37688

Stamoulis, G.D. *see* Charmantzis, F.C. 46875

Stamov, V.N. *see* Laiho, R. 22228

Stamp, P. *see* Mussi, G. 3361

Stamper, J.A. *see* Lehecka, T. 23734

Stamper, K. *see* Chen, Y.C. 53672

Stampor, W., Kalinwski, J., Di Marco, P., Fatteri, V. Electric field effect on luminescence efficiency in 8-hydroxyquinoline aluminum (Alq_3) thin films 44292

Stamps, R.L. *see* Louail, L. 55043

Stan, M.A. *see* Fischer, A. 39103

Stan, M.R., Burleson, W.P. Two-dimensional codes for low power 11247

Stanaski, A. *see* Franzon, P.D. 11498

Stanaski, A. *see* Franzon, P.D. 41220

Stanbery, B.J. *see* Chang, C.H. 39077

Stanbery, B.J. *see* Li, S.S. 39070

Stanbridge, A.B., Ewins, D.J. Measurement of total vibration at a point using a conical-scanning LDV 59034

Stanbridge, J., Small, I. Boundary scan solves diagnostic problems 17213

Stancari, G. *see* Ambrogiani, M. 59219

Stanchina, W.E. *see* Swahn, T. 36180

Stancil, D.D. *see* Chiu, Y. 3467

Stancil, D.D. *see* Gopalan, V. 14318

Stancil, D.D. *see* Li, J. 3456

Stancil, D.D. *see* Prabhakar, A. 32821

Stanculescu, F., Moldoveanu, M., Botea, M. Analysis of the mechanism of diffusion limited oxygen precipitation in Cz-silicon 12141

Standaert, C., Eloot, K., de Paepe, A., Wokowski, P. Decarburisation of interlocked and laser welded stator and rotor cores 23386

Standaert, C. *see* de Paepe, A. 23328

Standaert, C. *see* Eloot, K. 3231

Standen, J.A. Installation of a hydraulic kiln drive to eliminate a resonant vibration problem 39470

Standeven, D.L. *see* DiClementi, D.A. 50532

Standfuss-Gabisch, C. *see* Schmidt, A. 7445

Standness, D.E., Jr. *see* Dunmire, B.L. 28181

Stanek, M. *see* Froehlich, K. 50631

Stanek, M. *see* Froehlich, K. 50645

Stanek, R.P. *see* Smith, R.P. 49321

Stanek, Z. *see* Viitanen, J. 35016

Stanert, R. *see* Turner, L. 59980

Stanescu, C. *see* Festila, L. 40935

Stanfield, S. *see* Curry, R.J. 50256

Stanford, G. *see* Bricault, P.G. 49093

Stanford, G. *see* Sredniawski, J.J. 49353

Stang, E. Chernobyl–system accident or human error? 19509

Stange, H. Protecting the eyes against infrared radiation: Safe laser transceivers for high-speed data communications 47989

Stange, K. Honeywell FLASH fiber optic motherboard evaluations 59944

Stanghellini, G. *see* Antodaro, B. 57078

Stanghellini, S. *see* Cayrel, M. 33194

Stangl, G. *see* Pum, D. 42861

Stangl, J. *see* Darhuber, A.A. 40304

Stangl, K. *see* Romberg, D. 37822

Stanhill, D., Zeevi, Y.Y. Two-dimensional orthogonal and symmetrical wavelets and filter-banks 15301

Stanhill, D., Zeevi, Y.Y. Frame analysis of wavelet type filter banks 45919

Stanhope, S.A. *see* Daida, J.M. 18891

Stanic, G. *see* Feudale, F. 61361

Staniec, T.J. Return systems 102: What goes around 26381

Staniforth, M.J. *see* McIntosh, P.M. 54600

Stanis, C. *see* Schonenberg, K. 42050

Stanis, C. *see* Schonenberg, K. 43251

Stanisa, B. Modernisation and reconstruction possibilities of the low pressure steam turbine by Baum's degree 19553

Stanishevsky, A.V. *see* Dluzniewski, M. 22326

Stanislaus, S. *see* Moftah, B.A. 59349

Staniszewska, M.A. *see* Jankowski, J. 28464

Stankevich, A.F. *see* Sinitsa, S.A. 23754

Stankevich, S.A. *see* Belous, M.V. 55443

Stankevich, S.V. *see* Shvetsov, G.A. 24430

Stankevich, S.V. *see* Shvetsov, G.A. 31677

Stankey, J. *see* Bernstein, L. 47418

Stankiewicz, A., Merta, I., Jaroszewicz, L.R. The edge regularization of noised image method 35096

Stanko, P. *see* Lurkins, J.W. 33171

Stanko, P.J., Beyette, F.R., Jr., Hayes, E.M., Snyder, R.D., Feld, S.A., Mitkas, P.A., Wilmsen, C.W. Performance of a silicon CMOS/VCSEL smart pixel for a recirculating sorter 33181

Stanko, P.J. *see* Beyette, F.R., Jr. 23711

Stanko, P.J. *see* Irakliotis, L.J. 44141

Stankov, V.Kh. *see* Pavlov, A.P. 29539

Stankovic, A.M., Lesieutre, B.C. A probabilistic approach to aggregate induction machine modeling 19731

Stankovic, A.M., Tadmor, G., Coric, Z.J. Low torque ripple control of current-fed switched reluctance motors 29686

Stankovic, A.M., Verghese, G.C., Perreault, D.J. Randomized modulation of power converters via Markov chains 11185

Stankovic, A.M. *see* Jacobson, C.A. 19106

Stankovic, L. Highly concentrated time-frequency distributions: pseudo quantum signal representation 45737

Stankovic, L. On the realization of the highly concentrated time-frequency distributions 45776

Stankovic, L., Ivanovic, V., Petrovic, Z. Unified approach to noise analysis in the Wigner distribution and spectrogram 25039

Stankovic, L., Stankovic, S., Uskokovic, Z. S-methods with variable convolution window 34928

Stankovic, L. *see* Stankovic, S. 34921

Stankovic, L.J. *see* Petranovic, D. 41051

Stankovic, L.J. *see* Stankovic, S. 45846

Stankovic, R.S. The Walsh and Reed-Muller transforms in logical synthesis 1061

Stankovic, S., Stankovic, L. An approach to the polynomial Wigner distributions 34921

Stankovic, S., Stankovic, L.J., Uskokovic, Z. Modified Wigner bispectrum and its generalizations 45846

Stankovic, S. *see* Petranovic, D. 41051

Stankovic, S. *see* Stankovic, L. 34928

Stankovic, S. *see* Xue-Bo Chen 28793

Stankwitz, H.C. *see* Fienup, J.R. 16904

Stanley, A., Philips, B., Parker, E.A. Ray tracing fields in a dichroic radome enclosing a Hertzian dipole 45471

Stanley, C.R. *see* Krauss, T.F. 23566

Stanley, C.R. *see* Neilson, D.T. 44083

Stanley, C.R. *see* Piotrowicz, P.J.A. 12803

Stanley, G.R. *see* Bortoletto, D. 37383

Stanley, H.E. *see* Ivanov, P.Ch. 18414

Stanley, J. *see* Holland, K.T. 50083

Stanley, K.G. Sizewell 'B' commissioning [nuclear power plants] 9015

Stanley, M.R. *see* Hull, E.L. 59351

Stanley, P. *see* McNamara, W.G. 8635

Stanley, R. *see* Weisbuch, C. 33574

Stanley, S.S. *see* Schumaker, L.L. 10443

Stann, B.L., Ruff, W.C., Sztankay, Z.G. Intensity-modulated diode laser radar using frequency-modulation/continuous-wave ranging techniques 19022

Stannard, J.E. *see* Sen, S. 1995

Stannard, J.H., Deuchars, G.D., Hill, J.R., Stockburger, D. Sea trials of an aluminum/hydrogen peroxide unmanned underwater vehicle propulsion system 61289

Stannard, J.H. *see* Dougherty, T.A. 19974

Stano, A. *see* Cacciatore, C. 44720

Stano, A. *see* Coriasso, C. 13653

Stanojevic, M. *see* Gyergyek, T. 31138

Stanovnik, A. *see* Krizan, P. 59293

Stansfield, A., Page, I. The design of a new FPGA architecture 11269

Stansfield, B.L. *see* Sarkissian, A.H. 2309

Stanton, C.J. *see* Kuznetsov, A.V. 4017

Stanton, C.J. *see* Sanders, G.D. 3859

Stanton, M.S. *see* Brown, M.L. 37768

Stanton, M.S. *see* Gillberg, J.M. 28385

Stanton, P.H. *see* Chen, J.C. 34341

Stanway, R. *see* Peel, D.J. 980

Stanway, R. *see* Peel, D.J. 10974

Stapf, M. *see* Eckardt, T. 47279

Staple, A.E. *see* Airey, M.S. 38155

Staple, G.C. The new demand for telecoms traffic data: from MiTT to maps 5913

Staples, J. *see* Wangler, T.P. 49188

Staples, J.W., Hoff, M.D., Chun Fai Chan All-electrostatic split LEBT test results 37126

Staples, P. *see* Devine, R.T. 8193

Staples, P.E. *see* Pursley, M.B. 58150

Stapleton, J.C. *see* Greenberg, R.S. 37760

Stapleton, S.A., Wallace, A.R. Operation of embedded generation schemes in electrically and geographically remote locations 19442

Stapleton, S.P. *see* Oh, S.K. 34768

Stapnes, S. *see* Beringer, J. 37394

Stapnes, S. *see* Sellin, P.J. 18095

Stapor, W. *see* Cash, P.E. 13320

Stapor, W. *see* Cash, P.E. 32754

Stapor, W.J. *see* Knudson, A.R. 23084

Stapor, W.J. *see* Koga, R. 23275

Starbov, N. *see* Starbova, K. 30908

Starbova, K., Dikova, J., Mankov, V., Starbov, N. Microstructure and related properties of vapour deposited amorphous Sb_2Se_3 thin films 30908

Starck, C. *see* Plais, A. 44571

Starck, C. *see* Salet, P. 23997

Starck, J., Rimpilainen, I., Pyykko, I., Esko, T. The noise level in magnetic stimulation 28222

Starck, J.L. *see* Cesarsky, C.J. 36548

Stardubov, D.S. *see* Dianov, E.M. 43963

Staric, M. *see* Krizan, P. 59293

Starichenkova, V.D. *see* Zakharenkov, V.F. 28493

Starikov, E. *see* Reggiani, L. 32350

Starikov, E. *see* Reggiani, L. 41952

Starikov, F.A. The dynamics of amplified spontaneous emission in the laboratory X-ray laser with random optical inhomogeneities 13912

Starikov, R.S. *see* Evtikhiev, N.N. 5457

Staring, A.A.M. *see* Pennings, E.C.M. 44060

Staring, A.A.M. *see* Spiekman, L.H. 24027

Staring, A.A.M. *see* Spiekman, L.H. 26430

Staring, A.A.M. *see* van Dam, C. 26931

Staring, T. *see* Pennings, E. 44049

Starinski, N. *see* Barette, J. 59207

Stark, A.A. *see* Chamberlin, R.A. 45143

Stark, D. *see* Donnelly, K.S. 11610

Stark, H.-G. On image retrieval with wavelets 5235

Stark, H.M. *see* Jeyadev, S. 33836

Stark, I. *see* Stolzer, M. 31928

Stark, J.B. *see* Collins, B.C. 33447

Stark, J.B. *see* Liou, K.-Y. 58386

Stark, K., Fuchs, S. A method for tracking the pose of known 3-D objects based on an active contour model 5317

Stark, R. *see* Frank, K. 28948

Stark, S.Y. *see* Palmieri, V. 49140

Stark, T. Encryption for a small planet 45537

Stark, T.J., Griffis, D.P., Russell, P.E. Characterization of resist profiles using water enhanced focused ion beam micromachining 22724

Stark, T.J. *see* Thaus, D.M. 23049

Stark, W. *see* Sturm, H. 58980

Stark, W.E. *see* Goeckel, D.L. 58100

Stark, W.E. *see* Hassan, A.A. 14806

Starkel, D. *see* Muller, C. 8174

Starkey, I.R. *see* Kearney, P.P. 49561

Starkov, N.I. *see* Aleksandrov, K.V. 17352

Starkov, S.O. *see* Andreyev, Y.V. 24616

Starmer, C.F. *see* Starobin, J.M. 59576

Starner, T. Human-powered wearable computing 20060

Starobin, J.M., Zilberter, Y.I., Starmer, C.F. Conditions for wavefront separation from an unexcitable obstacle in cardiac tissue of low excitability 59576

Starobinets, I.M. *see* Rabinovich, M.I. 4833

Starodub, N.F., Fedorenko, L.L., Starodub, V.M., Dikij, S.P., Svechnikov, S.V. Use of the silicon crystals photoluminescence to control immunocomplex formation 27703

Starodub, V.M. *see* Starodub, N.F. 27703

Starodubov, D.S., Dianov, E.M., Vasiliev, S.A., Frolov, A.A., Medvedkov, O.I., Rybaltovskii, A.O., Titova, V.A. Hydrogen enhancement of near-UV photosensitivity of germanosilicate glass 55834

Starodubov, D.S. *see* Dianov, E.M. 13630

Starodubov, D.S. *see* Dianov, E.M. 24177

Starodubov, D.S. *see* Dianov, E.M. 43969

Starodubov, D.S. *see* Dianov, E.M. 55194

Starodubov, D.S. *see* Dianov, E.M. 55873

Starodumov, A.N., Zenteno, L.A., Arzate, N., Gavrilovic, P. Nonlinear-optical modulator for high-power fiber lasers 55518

Starodumov, A.N., Zenteno, L.A., Monzon, D., de la Rose, E. Fiber Sagnac interferometer temperature sensor 27589

Starodumov, N. *see* De La Rosa, E. 58810

Staron, J. *see* Lubicki, P. 13210

Staron, J. *see* Mazurek, B. 19377

Staron, J. *see* Mazurek, W. 19668

Staroselʹskii, V.I. Simulation of heterojunction bipolar transistors by the Gummel-Poon method 32366

Staroselsky, V. *see* Bushehri, E. 22930

Starostenko, N.F., Starostermko, E.P. Cathode emission of electrons under superelectrotransport conditions 53944

Starostermko, E.P. *see* Starostenko, N.F. 53944

Starostin, A.N. *see* Baranov, V.Yu. 18077

Starostin, V.N. *see* Konoplev, Yu.N. 23646

Staroswiecki, M. *see* Aziz, E. 7677

Staroszczyk, Z. Accuracy problems in on-line one-phase distribution/load system identification task 8882

Staroszczyk, Z. *see* Czarnecki, L.S. 28757

Staroszczyk, Z. *see* Czarnecki, L.S. 28887

Starovoitov, V. On qualitative comparison of methods for low-level image processing 46188

Starovoitov, V. *see* Zamperoni, P. 46433

Starr, A.F., Rawlings, K.C., Elliott, D.A. Displays for future air navigation systems 59880

Starr, F. *see* Pearce, J.M. 9085

Starr, G.W., Hirleman, E.D. Comparison of experimentally measured differential scattering cross sections of PSL spheres on flat surfaces and patterned surfaces 39896

Starr, G.W. *see* Nebeker, B.M. 39897

Starr, K.M. The FAA's Weather System Architecture–From the baseline to the year 2005 59992

Starr, R. *see* Mitra, P. 2306

Starr, R. *see* Mitra, P. 48560

Starrett, R.A. Ricoh's RO-142OC CD recorder 7113

Starrett, R.A. TEAC's CD-R50S CD recorder 17125

Starrett, R.P. *see* Dunford, R.B. 54149

Starrett, S.K. Quantification of nonlinear modal interactions using modal signal energies 60282

Startcev, V. *see* Antipov, Yu. 37233

Startchik, S. *see* Rauber, C. 57319

Staryga, E. *see* Dluzniewski, M. 22326
Starzyk, J.A., Chai, S. Object representation using Fourier descriptors in pattern classification 15710
Starzyk, J.A. *see* Nelson, D.E. 46202
Stascheck, A. *see* Dobert, S. 37145
Staschok, C. *see* Firjahn-Andersch, A. 59133
Staselko, D. *see* Krylov, V. 24118
Staselko, D. *see* Krylov, V. 33651
Stasevich, Yu.B. *see* Lazarev, N.V. 49036
Stashek, M.V. *see* Osad'ko, I.S. 14351
Stasi, S. *see* Dell'Aquila, A. 9209
Stasi, W. *see* Debiak, T.W. 49104
Stasiak, M. Combinatorial considerations for switching systems carrying multi-channel traffic streams 25850
Stassinakis, A. *see* Allison, W.W.M. 37269
Stassinopoulos, C.A. *see* Gourgoulis, D.E. 13220
Stassinopoulos, C.A. *see* Gourgoulis, D.E. 13221
Stassinopoulos, C.A. *see* Gourgoulis, D.E. 38432
Stassinopoulos, E.G. *see* LaBel, K.A. 43327
Stassinopoulos, G. *see* Zahariadis, T. 57784
Stassinopoulos, G.I. *see* Angelopoulos, J.D. 6743
Stassinopoulos, G.I. *see* Doulamis, A.D. 25833
Stassinopoulos, G.I. *see* Konstantoulakis, G.E. 6271
Stassinopoulos, G.I. *see* Konstantoulakis, G.E. 6378
Stassinopoulos, G.I. *see* Pramataris, K.C. 26402
Staszak, J. *see* Nadolski, R. 60715
Staszewski, P. Field model of load characteristic shaping of DC motor by means of construction modifications 51029
Staszewski, P. Field models of tooth zone optimization of electrodynamic separator 55982
State, A., Hirota, G., Chen, D.T., Garrett, W.F., Livingston, M.A. Superior augmented reality registration by integrating landmark tracking and magnetic tracking 15495
State, A. *see* Fuchs, H. 18220
State, L., Rubin, S., State, R. Evolutionary/genetic programming in restricted domains 30527
State, R. *see* State, L. 30527
Stathaki, T. Blind Volterra signal modeling 15376
Stathaki, T., Constantinides, A.G. Root moments: an alternative interpretation of cepstra for signal feature extraction and modelling 15196
Stathaki, T. *see* Doukas, N. 56395
Stathis, J.H. Comment on 'Creation of P_b interface defects in thermal Si/SiO_2 through annealing' 54295
Stathopoulos, C. *see* Bezerianos, A. 49680
Statnikov, R.B., Matusov, J. Use of P_τ-nets for the approximation of the Edgeworth-Pareto set in multicriteria optimization 10351
Staton, D.A. *see* Deodhar, R.P. 29210
Staton, E.A. *see* Baran, M.E. 60840
Staton-Bevan, A.E. *see* Edirisinghe, S.P. 10716
Statsenko, L.G. *see* Korochentsev, V.I. 48142
Statsenko, V.N. *see* Korochentsev, V.I. 48142
Staubach, H. *see* Bartels, H. 55780
Staudinger, J. Bias-circuit methods to reduce process and temperature variations in GaAs MESFET ICs are compared 41499
Staudinger, J. *see* Sevic, J.F. 21498
Staudt, V. An example for dynamic compensation of nonactive power in the case of nonlinear active loads 28829
Staudt, V. *see* Cristaldi, L. 28754
Stauf, G.T., Carl, R., Bilodeau, S., Van Buskirk, P., Watts, K. Thin film high k dielectrics for integrated passive devices 53269
Stauf, G.T. *see* Studebaker, D.B. 33701
Staufer, U. *see* Despont, M. 23031
Staufer, U. *see* Despont, M. 32320
Staufer, U. *see* Stebler, C. 12128
Stauffer, A. *see* Mange, D. 1288
Stauffer, L.A. *see* Khadilkar, D.V. 39710
Stavdas, A., Bayvel, P., Midwinter, J.E. Design and performance of concave holographic gratings for applications as multiplexers/demultiplexers for wavelength routed optical networks 4154
Stavdas, A., Timofeev, F.N., Midwinter, J.E., Bayvel, P., Churin, E., Sokolskii, M.N. Free-space aberration-corrected diffraction grating demultiplexer for application in densely-spaced, subnanometer wavelength routed optical networks 26750
Staveley-Smith, L., Wilson, W.E., Bird, T.S., Disney, M.J., Ekers, R.D., Freeman, K.C., Haynes, R.F., Sinclair, M.W., Vaile, R.A., Webster, R.L., Wright, A.E. The Parkes 21 cm multibeam receiver 36300
Staver, P.R. *see* Feldman, S.F. 33026
Stavinskii, A.A. Induction motors with tangential displacement of stator elementary 9235
Stavinskii, A.A. Induction motors with tangential displacement of the stator laminations 29319
Stavinskii, A.V. *see* Akimov, V.A. 28024
Stavrakakis, G. *see* Nogaret, E. 19648
Stavrakakis, G. *see* Sergaki, E. 20124
Stavrakakis, G.S. *see* Kalaitzakis, K. 50821
Stavrakakis, G.S. *see* Kariniotakis, G.N. 19652
Stavrakakis, I. Characterization and multiplexing of correlated traffic from sources with different time constants 25903
Stavrakakis, I., Tsakiridou, S. Study of a class of partially ordered service strategies for a system of two discrete-time queues 35486
Stavrakakis, I. *see* Dag, T. 16043
Stavrakakis, I. *see* Iatrou, S. 35585
Stavrakakis, I. *see* Landry, R. 46688
Stavrakakis, I. *see* Wang, X. 35400
Stavralalcis, L. *see* Capone, J.M. 46623
Stavrev, M., Fischer, D., Preuss, A., Wenzel, C., Mattern, N. Study of nanocrystalline Ta(N,O) diffusion barriers for use in Cu metallization 42639
Stavreva, Z., Zeidler, D., Plotner, M., Drescher, K. Characteristics in chemical-mechanical polishing of copper: comparison of polishing pads 42427
Stavreva, Z., Zeidler, D., Plotner, M., Grasshoff, G., Drescher, K. Chemical-mechanical polishing of copper for interconnect formation 42637
Stavreva, Z. *see* Zeidler, D. 42638
Stavrinou, P.N. *see* Hunt, J. 33310
Stavropoulos, G. *see* Beringer, J. 37394
Stavropoulos, T. *see* Papadakis, M. 24983
Stavrou, A. *see* Penman, J. 9232
Stavroulakis, P.P. *see* Sandalidis, H.G. 26599
Stawiasz, K. *see* Xiao, P. 53355
Stazzone, C. *see* Ancarani, F. 15915
stby, J. *see* Beringer, J. 37394
Stead, D. Looking at arrays [PCB manufacture] 53795
Steadman, K.N. *see* Falconer, D.G. 58463
Steadman, P.A. *see* Koster, J.E. 49336
Steakley, B.C. *see* Targ, R. 27088
Steane, A.M. Simple quantum error-correcting codes 34582
Stearns, R.E. *see* Jamison, K.A. 33898
Stearns, S. *see* McCoy, J.W. 25114
Stearns, S.D. *see* Nijim, Y.W. 5558
Stebe, B., Assaid, E., Dujardin, F., Le Goff, S. Exciton bound to an ionized donor impurity in semiconductor spherical quantum dots 32012
Stebler, C., Despont, M., Staufer, U. Secondary electron imaging by means of a microfabricated electron column 12128
Stebler, C. *see* Despont, M. 23031
Stebler, C. *see* Despont, M. 32320
Steblyanko, A.V. *see* Stishkov, Y.K. 23116
Stec, C. *see* Skopec, A. 13426
Stecher, M. The European emission specifications 45222
Steck, D. *see* Meyer, S. 12033
Steck, M., Beckert, K., Eickhoff, H., Franzke, B., Nolden, F., Reich, H., Schlitt, B., Winkler, T. Anomalous temperature reduction of electron cooled heavy ion beams in the storage ring ESR 37080
Steck, M. *see* Stohlker, Th. 7727
Stecki, A.J., Devrajan, J., Tiali, S., Jackson, H.E., Tran, C., Gorin, S.N., Ivanova, L.M. Characterization of 3C-SiC crystals grown by thermal decomposition of methyltrichlorosilane 10626
Steckl, A.J., Devrajan, J., Tran, C., Stall, R.A. Growth and characterization of GaN thin films on SiC SOI substrates 52822
Steckl, A.J. *see* Chaudhuri, J. 54140
Stedile, F.C., Baumvol, I.J.R., Oppenheim, I.F., Trimaille, I., Ganem, J.-J., Rigo, S. Thickness of the SiO_2/Si interface and composition of silicon oxide thin films: effect of wafer cleaning procedures 12567
Stedile, F.C. *see* Baumvol, I.J.R. 10735
Stedile, F.C. *see* Baumvol, I.J.R. 42597
Stedman, G.E. *see* Rautenberg, V. 60033
Steedly, W.M. *see* Johnson, G.E. 14876
Steeds, J.W., Burton, N.C., Lang, A.R., Pickard, D., Shreter, Yu.G., Butler, J.E. Cathodoluminescence microscopy of square facets in chemical vapour deposited diamond films and its use in stress determination 12196
Steeds, J.W. *see* Shreter, Yu.G. 12269
Steeds, J.W. *see* Wang, W.N. 10832
Steeds, J.W. *see* Wang, W.N. 32356
Steeg, H.-C. Precision with 16 bits. A 16-bit precision, PC-based measuring equipment for testing automobile sensing potentiometers 36412
Steegborn, C., Skladal, P. Construction and characterization of the direct piezoelectric immunosensor for atrazine operating in solution 36719
Steege, P. Overall equipment effectiveness in resist processing equipment 32332
Steeghs, P., Drijkoningen, G. Time-frequency analysis of seismic reflection signals 25141
Steel, D.I. *see* Cervera, M.A. 58515
Steel, D.I. *see* Taylor, A.D. 48203
Steel, M.J., Martijn de Sterke, C. Parametric amplification of short pulses in optical fiber Bragg gratings 14248
Steel, V. Low cost packaging techniques for commercial GaAs IC components 30276
Steele, A.C. *see* Moss, S.J. 38165
Steele, A.G. *see* Hill, K.D. 48329
Steele, A.L., Lynch, S., Hoad, J.E. Analysis of optical instabilities and bistability in a nonlinear optical fibre loop mirror with feedback 55818
Steele, B.C. Ceramic ion conducting membranes 10945
Steele, B.C.H. Survey of materials selection for ceramic fuel cells. II. Cathodes and anodes 29624
Steele, B.C.H. *see* McAleese, J. 30923
Steele, B.C.H. *see* Waller, D. 29613
Steele, B.C.H. *see* Zheng, K. 29626
Steele, C. *see* McLaren, P.G. 19389
Steele, J.A., Jr. *see* Grief, M.K. 31780
Steele, J.P.H. *see* Liu, Y.M. 58808
Steele, M. *see* Powell, R.C. 39062
Steele, N.C. *see* Pearson, D.W. *(editor)* 29944
Steele, R. The therapy of Percy Comms: a dialogue on PCS issues 16554
Steele, R. *see* Tik-Bin Oon 35464
Steele, T.A. *see* Atanackovic, P.B. 32023
Steele, T.A. *see* Hartley, R.H. 10740
Steely, S.L., Fugerer, R.H., Lowry, H.S., III, Holt, L.L. Optical diagnostic methods for closed-loop focal-plane-array evaluation: anisoplanatic optical simulations using laser-based photonics 17524
Steely, S.L., Lowry, H.S., III, Fugerer, R.H. Laser-based direct write scene generation methods for closed-loop focal-plane-array diagnostics 28534
Steen, A.F.W.van der *see* van der Steen, A.F.W.
Steen, H. *see* Elliott, C.T. 7320
Steen, H.A.H. *see* Vincent, J.H. 39770
Steen, H.A.H. *see* Warwick, M.E. 39769
Steen, M. *see* Bowman, H. 6076
Steen, M. *see* Braun, D. 20215
Steen, M. *see* Derrick, J. 6077
Steen, P.G., Graham, W.G. The effect of caesium and xenon addition on negative hydrogen ion production 37172
Steen, P.G. *see* Graham, W.G. 37184
Steen, R., Steffens, J. 100/200-W Solid-State DAB Transmitter NL5010/5020: Terrestrial broadcasting of digital audio in L band 7059
Steen, W.M. Surface treatment and diagnostics 20842
Steenaart, W. *see* Laichi, F. 45761
Steenaart, W. *see* Paul, D. 15173
Steenaart, W. *see* Rossi, M. 11579
Steenaart, W. *see* Rossi, M. 15171
Steenberg, N. Interconnecting SDH networks 46883
Steenbergen, A.van *see* van Steenbergen, A.
Steenbergen, C.A.M., de Vreede, L.C.N., van Dam, C., Scholtes, T.L.M., Smit, M.K., Tauritz, J.L., Pedersen, J.W., Moerman, I., Verbeek, B.H., Baets, R.G.F. Integrated 1 GHz 4-channel InP phasar based WDM-receiver with Si bipolar frontend array 16742
Steenberghe, D.van *see* van Steenberghe, D.
Steenekamp, P., Roos, J. Implementation of service management policies: applying intelligent agent technology 35623
Steeneken, H.J.M. *see* Young, S.J. 56368
Steenson, D.P. *see* Collins, C.E. 53635
Steenson, D.P. *see* Snowden, C.M. 11710
Steenstrup, M. *see* Ramanathan, S. 6635
Steenvoorden, G.K. *see* de Bakker, M. 7432
Steer, M. RF design for wireless 26577
Steer, M. *see* Lakhani, R. 40991
Steer, M.B. *see* Nuteson, T.W. 53554
Steer, M.B. *see* Sevic, J.F. 17214
Steer, M.J., Mowbray, D.J., Tribe, W.R., Skolnick, M.S., Sturge, M.D., Hopkinson, M., Cullis, A.G., Whitehouse, C.R., Murray, R. Electronic energy levels and energy relaxation mechanisms in self-organized InAs/GaAs quantum dots 32010
Steer, M.J. *see* Tribe, W.R. 41901
Steeves, J. *see* Scaduto, A.F. 42802
Steeves, T. *see* Groat, J. 18624
Stefan, G., Malita, M. The splicing mechanism and the Connex memory 53824
Stefan, G. *see* Hascsi, Z. 41146
Stefan, P. *see* Schlichting, J. 1854
Stefan, R.-I., Aboul-Enein, H.Y., Baiulescu, G.-E. Amiodarone-selective membrane electrode 48434
Stefanakos, E.K. *see* Vaidya, M. 51115
Stefancic, M. *see* Bajd, T. 49757
Stefanelli, R. *see* Bolchini, C. 11286
Stefanelli, R. *see* Bolchini, C. 32557
Stefanelli, R. *see* Mojoli, G.A. 31254
Stefanescu, S. *see* Chindris, M. 9333
Stefanescu, S. *see* Chindris, M. 51368
Stefanescu, S. *see* Chindris, M. 60822
Stefani, A. *see* Vianello, F. 50213
Stefani, F. *see* Botti, E. 11200
Stefani, J.-B. *see* Boussinot, F. 5903
Stefani, J.B. *see* Blair, G.S. 47373
Stefanik, A.M. *see* Smith, R.P. 49321
Stefanini, A. *see* Bertolucci, E. 37628
Stefanini, A.A. *see* Poggi, G. 18118
Stefanis, C. *see* Ventouras, E. 59713
Stefano, A.Di *see* Di Stefano, A.
Stefano, C.de *see* de Stefano, C.
Stefano, L.de *see* de Stefano, L.
Stefano, P.Di *see* Di Stefano, P.
Stefano, R.Di *see* Di Stefano, R.
Stefano, S.Di *see* Di Stefano, S.
Stefanoni, M. *see* Galli, S. 60597
Stefanov, M.E. *see* Doane, J.W. 27793
Stefanov, V.A., Tsibulkin, L.M., Tsurikov, Y.L., Samoilov, V.P. Holographic recognizer with disk memory unit 46043
Stefanovic, D., Dimic, V., Radmanovic, M., Mancic, D., Lukic, L., Vulicevic, Lj. Synthesis of $BaTiO_3$ ceramics for piezoelectric transducers 40667
Stefanovic, M.C., Djordjevic, I.B., Djordjevic, G.T., Milosevic, D. Performance of a complex digital system: optical cable-coaxial cable 5676
Stefanovska, A. *see* Daly, J.J. 18497
Stefanowski, J. *see* Jelonek, J. 49431
Stefanski, T., Karys, S. Loss minimisation control of induction motor drive for electrical vehicle 9688
Stefanyi, P., Zammit, C.C., Fozooni, P., Lea, M.J., Ensell, G. A new critical point in the non-linear conductivity due to variable-range hopping in Si 54021

Stefchev, P. *see* Vitanov, P. 30768
Steffen, B., Margaria, T., Classen, A., Braun, V., Reitenspiess, M., Wendler, H. Service creation: formal verification and abstract views 35794
Steffenhagen, W. *see* Lazaro, A. de S. 9103
Steffenino, G., Rossetti, V., Ribichini, F., Dellavalle, A., Garbarino, M., Cerati, R., Norbiato, A., Uslenghi, E. Staff dose reduction during coronary angiography using low framing speed 8185
Steffens, J. *see* Amos, N. 37445
Steffens, J. *see* Steen, R. 7059
Steffens, S. *see* Schlender, F. 39316
Steffes, M. Deliver ultra-low spurious levels to base-station ADCs 58191
Steffey, J.R. *see* Maes, M.E. 46861
Steg, S.R. *see* Solomon, S.C. 60062
Stegbauer, K. *see* Ehret, R. 36720
Stegeman, G. *see* Lawrence, B. 4089
Stegeman, G.I. The growing family of spatial solitons 55855
Stegeman, G.I., Hagan, D.J., Torner, L. $\chi^{(2)}$ cascading phenomena and their applications to all-optical signal processing, mode-locking, pulse compression and solitons 14320
Stegeman, G.I., Kang, J.U., Aitchison, J.S., Ironside, C.N., Villeneuve, A. AlGaAs waveguides below half the bandgap: a laboratory for nonlinear optical phenomena 33697
Stegeman, G.I. *see* Agin, P. 24073
Stegeman, G.I. *see* Aitchison, J.S. 33720
Stegeman, G.I. *see* Assanto, G. 55858
Stegeman, G.I. *see* Baek, Y. 13705
Stegeman, G.I. *see* Fuerst, R.A. 24247
Stegeman, G.I. *see* Fuerst, R.A. 44743
Stegeman, G.I. *see* Jager, M. 4035
Stegeman, G.I. *see* Jager, M. 24075
Stegeman, G.I. *see* Kang, J.U. 14331
Stegeman, G.I. *see* Kang, J.U. 44653
Stegeman, G.I. *see* Torruellas, W. 3979
Stegeman, G.I. *see* Trevino-Palacios, C.G. 4094
Stegemann, K.-H. *see* Hofler, A. 42411
Steger, C. Extraction of curved lines from images 5378
Steger, C. *see* Weiss, R. 35512
Stegmaier, J. Tailor-made applications in industrial automation with factory user port for Controller PSM 7185
Stegmaier, J. *see* Altmann, M. 47702
Stegmann, A. *see* Tonshoff, H.K. 9465
Stegmann, J., Kirchherr, R. Use of a modified wavelet transform in speech coding method 34661
Stegmann, J., Schroder, G., Fischer, K.A. Robust classification of speech based on the dyadic wavelet transform with application to CELP coding 15055
Stegmann, R. *see* Deipser, A. 8172
Stegmuller, B. *see* Claassen, M. 3461
Stegmuller, B. *see* Steinmann, P. 22404
Stehle, J.L. *see* Boher, P. 2470
Stehle, J.L. *see* Boher, P. 12622
Stehle, J.L. *see* Defranoux, C. 55382
Stehle, J.L. *see* Zahorski, D. 58931
Stehle, M., Godard, B. Single shot excimer laser annealing 13725
Stehle, M. *see* Boher, P. 12622
Stehle, R., Lewis, M. Wireless networks of opportunity in support of secure field operations 57929
Stehpany, R. *see* Montanaro, J. 1446
Steidl, S. *see* Maier, C.A. 21552
Steier, W.H. *see* Chen, A. 13541
Steier, W.H. *see* Datong Chen 55306
Steier, W.H. *see* Shi, Y. 47949
Steier, W.H. *see* Zhu, D.X. 55896
Steiger, B., Pfeifer, U., Meja, P., Broulik, U., Neunann, V. Practicability of absorption measurements according to ISO/DIS 11551 58618
Steigerwald, D. *see* Chen, C.H. 21259
Steigerwald, D. *see* Pineda, F. 56586
Steigerwald, J. *see* Sainio, C.A. 2406
Steigerwald, M.L. *see* Chiang, C.-M. 10878
Steil, A. *see* Klein, A. 16592
Steimel, A. Electric railway traction in Europe. A survey of the state-of-the-art 9672
Steimel, A., Teigelkotter, J. A new test bench for high power turn-off semiconductor devices 40897
Steimel, A., Wiesemann, J. Further development of direct self control for application in electric traction 9673
Steimel, A. *see* Kokes, M. 39358
Steimetz, E., Schienle, F., Zettler, J.-T., Richter, W. Stranski-Krastanov formation of InAs quantum dots monitored during growth by reflectance anisotropy spectroscopy and spectroscopic ellipsometry 40348
Steimetz, E., Zettler, J.-T., Richter, W., Westwood, D.I., Woolf, D.A., Sobiesierski, Z. Optical monitoring of the development of InAs quantum dots on GaAs(001) by reflectance anisotropy spectroscopy 52624
Steimetz, E., Zettler, J.-T., Schienle, F., Trepk, T., Wethkamp, T., Richter, W., Sieber, I. In situ monitoring of InAs-on-GaAs quantum dot formation in MOVPE by reflectance-anisotropy-spectroscopy and ellipsometry 12443
Stein, B. *see* Correia de Barros, M.T. 50505
Stein, C. *see* Karger, D.R. 440
Stein, D., Hetherington, D., Dugger, M., Stout, T. Optical interferometry for surface measurements of CMP pads 2410
Stein, D.W.J. Robust detection of random signals in exponential mixture noise 16846
Stein, E. *see* Brink, U. 10578
Stein, F. *see* Havaldar, P. 5495
Stein, H., Bijak, M., Heerd, E., Mayr, W., Muller, C., Rafolt, D., Schnetz, G., Unger, E. Pruritometer 1: a portable measuring system for the quantification of scratching as an objective criterion of cholestatic pruritus 7870
Stein, H.L. *see* Wang, L.C. 61001
Stein, J., Ziv, J., Merhav, N. Universal delay estimation for discrete channels 25078
Stein, J. *see* Gondermann, J. 23008
Stein, J. *see* Gondermann, J. 43039
Stein, J. *see* Koster, T. 43132
Stein, J. *see* Webb, S. 49781
Stein, J. *see* Wu, K.L. 37687
Stein, K. *see* Ahlgren, D.C. 43253
Stein, K. *see* Burghartz, J.N. 21947
Stein, K. *see* Groves, R. 23015
Stein, K.J. *see* Sunderland, D.A. 22777
Stein, L.D. Webmaster's domain: the attack of the killer robot 6208
Stein, M.A. *see* Wada, T. 11993
Stein, O. Bifurcations of hyperbolic fixed points for explicit Runge-Kutta methods 40235
Stein, P. vom *see* Janssen, D. 17921
Stein, P.J., Euerle, S.E., Menoche, R.K., Janiesch, R.E. Pressure gradient sensors for bearing determination in shallow water tracking ranges 18911
Stein, R. *see* Daschner, W. 23629
Stein, S.J. *see* Chitale, S.M. 53703
Stein, S.J. *see* Wada, T. 11993
Stein, T. *see* Tschepe, J. 28414
Stein, T. *see* Tschepe, J. 33004
Stein, W. *see* Ristein, J. 41840
Stein, W.W. *see* Lindroth, A. 8856
Stein, W.W. *see* Lindroth, A. 8857
Stein von Kamienski, E.G. *see* Bano, E. 32406
Steinbach, E., Girod, B. Estimation of rigid body motion and scene structure from image sequences using a novel epipolar transform 25365
Steinbach, E., Girod, B., Chaudhuri, S. Data driven structure-from-motion using the epipolar corridor constraint 56866
Steinbach, E., Hanjalic, A., Girod, B. 3D motion and scene structure estimation with motion dependent distortion of measurement windows 56725
Steinbach, E. *see* Girod, B. 5145
Steinbach, E. *see* Girod, B. 35945
Steinbach, I. *see* Franke, D. 32104
Steinbauer, E. *see* Wordel, R. 18155
Steinbauer, R. *see* Marcellan, F. 509
Steinbeiss, E. *see* Burnus, M. 17377
Steinberg, B.-Z. *see* Kastner, R. 33986
Steinberg, B.D. *see* Freedman, A. 16861
Steinberg, B.D. *see* Freedman, A. 26972
Steinberg, B.D. *see* Qing Zhu 28117
Steinberg, B.D. *see* Schwartz, J.L. 34387
Steinberg, B.Z. Effective macroscale measures of microscale heterogeneity a multiresolution approach 33951
Steinberg, J. An alternate technique for producing cofired ceramic circuits and components 52842
Steinberg, J. *see* Ferguson, M.I. 37283
Steinberg, Y. *see* Bell, K.L. 34857
Steinbichler, H. *see* Klingele, H. 48945
Steinbigler, H. *see* Mukherjee, P.K. 38796
Steinbrich, W. *see* Guckel, C. 37642
Steinbruchel, C. *see* Tacito, R. 42685
Steinbrunn, I. Modeling the dynamic characteristics of the feed drives of metal-cutting tools 51895
Steinbuch, M. *see* Huisman, H. 58583
Steinchen, W., Liansiang Yang, Kupfer, G. Vibration analysis by digital shearography 48946
Steinchen, W., Lianxiang Yang, Kupfer, G. Vibration analysis and nondestructive testing by digital shearography 33745
Steiner, A., Kimmel, R., Bruckstein, A.M. Planar shape enhancement and exaggeration 5123
Steiner, B., Levine, L.E., Brown, M., Larson, D. Residual disorder in low pressure, low thermal gradient liquid encapsulated Czochralski gallium arsenide observed in high resolution synchrotron diffraction imaging 12240
Steiner, B., Wagner, G., Voigt, A., Dorsch, W., Strunk, H.P. Electrical and structural properties of solution grown silicon layers on polycrystalline silicon substrates 10811
Steiner, B., Wagner, G., Voigt, A., Dorsch, W., Strunk, H.P. Growth and characterization of silicon layers grown by liquid phase epitaxy on cast silicon and silicon sheet material 30843
Steiner, B. *see* Klein, A. 16592
Steiner, B. *see* Krinke, J. 31800
Steiner, B. *see* Voigt, A. 10772
Steiner, F.-P. *see* Buhler, J. 54854
Steiner, H. *see* Eickelpasch, N. 38508
Steiner, K. *see* Jaegle, M. 27722
Steiner, M. *see* Surkau, R. 37093
Steiner, M.M. *see* Jonsson, L. 42134
Steiner, M.T. *see* Burns, H.N. 8672
Steiner, P., Yang, W. Stability of high order sigma-delta modulators 1522
Steiner, P., Yang, W. A framework for analysis of high-order sigma-delta modulators 21771
Steiner, P. *see* Folkmer, B. 17256
Steiner, P. *see* Gale, M.T. 58847
Steiner, P. *see* Ladd, M.E. 7888
Steiner, P.R., Kynor, D.B., Haupt, C.D., Rowley, H.A., Lesh, M.D. Magnetocardiographic localization of focal arrhythmias using an equivalent current dipole source model 59505
Steiner, R., Gillespie, A., Fujii, K., Williams, E., Newell, D., Picard, A., Stenbakken, G., Olsen, P.T. The NIST watt balance: progress toward monitoring the kilogram 17814
Steiner, R. *see* Gillespie, A. 27362
Steiner, R.L. *see* Fujii, K. 27950
Steiner, S. The condition and the directions of the national air traffic development regarding normative 28578
Steiner, S.H., Geyer, P.L., Wesolowsky, G.O. Shewhart control charts to detect mean and standard deviation shifts based on grouped data 341
Steiner, S.J. *see* Najjari, H. 35015
Steiner, W. *see* Ausserlechner, U. 17253
Steiner, W. *see* Lileev, A.S. 3149
Steinfeld, G., Maru, H.C., Sanderson, R.A. High efficiency carbonate fuel cell/turbine hybrid power cycle 19660
Steingiesser, R. *see* Davidson, M.J.W. 18935
Steingiesser, R. *see* Davidson, M.W.J. 27038
Steingruber, R., Hamacher, M. Simultaneous exposure of filter gratings and waveguides by direct write electron-beam lithography 44314
Steingruber, R. *see* Heidrich, H. 47997
Steingruber, R. *see* Umbach, A. 26738
Steinhaeuser, P. *see* Badura, E. 37241
Steinhardt, A.O. *see* Baranoski, E.J. 26974
Steinhardt, A.O. *see* Bennett, P.C.E. 25036
Steinhardt, A.O. *see* Borsari, G.K. 6917
Steinhardt, A.O. *see* Bose, S. 4641
Steinhardt, A.O. *see* Kreithen, D.E. 16845
Steinhaus, B.M. *see* Greenhut, S.E. 37884
Steinhauser, P., Preissler, F. Push-button control of spotlights in the Hamburg TV studios 58560
Steinhoff, U. *see* Endt, P. 49511
Steinhoff, U. *see* Link, A. 28383
Steinhoff, U. *see* Trahms, L. 49492
Steinhuser, A. *see* Kugele, R. 38664
Steinke, D.C. *see* Moon, N. 49363
Steinke, G. "Surround Sound": the new phase. 1 17119
Steinke, G. "Surround Sound": the new phase. 2 27190
Steinkellner, O., Furthner, J., Penzkofer, A. Bandwidth-limited time-synchronized frequency tunable double pulse generation in a branched picosecond Nd:glass laser 14042
Steinkirchner, J. *see* Martini, T. 41839
Steinlechner, S. *see* Drabarek, P. 17328
Steinman, A. Static charge control issues for disk drive production using MR heads 23366
Steinman, A., Montoya, J.A. Developing an exit charge specification for production equipment 24343
Steinman, A., van Lonkhuijzen, J. ESD reduction 33816
Steinman, A. *see* Murakami, T. 27797
Steinman, A. *see* Murakami, T. 48785
Steinman, A. *see* Tan, W. 14517
Steinmann, P., Borchert, B., Stegmuller, B. Asymmetric quantum wells with enhanced QCSE: modulation behaviour and application for integrated laser/modulator 22404
Steinmetz, R. *see* Ehrmantraut, M. 36340
Steinmueller, W.E. *see* David, P.A. 25995
Steinmuller, B. *see* Olejar, J. 46715
Steinsland, E., Nese, M., Hanneborg, A., Bernstein, R.W., Sandmo, H., Kittilsland, G. Boron etch-stop in TMAH solutions 13183
Steinvall, O., Koppari, K., Lejdebrink, U., Winell, J., Nilsson, M., Ellsen, R., Gjellan, E. Depth-sounding lidar: performance and models 8499
Steinwall, J.E. *see* Farquhar, D.S. 30283
Steinway, W.J., Thomas, J.E., Nicoloff, M.J., Patz, M.D. Down-sizing of an integrated tracking unit for multiple applications 58503
Steinwender, G. *see* Doppelbauer, A. 8080
Stek, A. *see* Stupp, S.E. 23369
Stekl, I. *see* Vylov, T. 7833
Stekolin, I.Yu. *see* Novikov, Ya.A. 17180
Steliaros, M.K. *see* Martin, G.R. 56858
Stell, C. *see* Gerber, S.S. 18683
Stell, C. *see* Tang, T.K. 59882
Stella, E., Cicirelli, G., Attolico, G., Distante, A. Visual navigation of a mobile robot integrating an heading sensor 27687
Stella, E. *see* Branca, A. 5537
Stella, E. *see* Branca, A. 15877
Stella, E. *see* Branca, A. 25462
Stella, E. *see* Branca, A. 35018
Stella, E. *see* Castellano, G. 5888
Stella, F., Guj, G., Barbagallo, D. A general approach for multiple-sensor hot-wire probes 58681
Stella, P. *see* Acuna, M.H. 38011
Stella, P.M., Ross, R.G., Jr., Smith, B.S., Glenn, G.S., Sharmit, K.S. Mars Global Surveyor (MGS) high temperature survival solar array 38001
Stella, R. *see* De Rossi, D. 58890
Stellati, C. *see* Ueda, M. 28010
Stelling, P.F., Oklobdzija, V. Design strategies for the final adder in a parallel multiplier 1269
Stelling, P.F., Oklobdzija, V.G. Design strategies for optimal hybrid final adders in a parallel multiplier 31234

Stelmakh, N., Azouz, A., Lourtioz, J.-M. Trains of 250 fs pulses at sub-intrinsic-cavity roundtrip intervals from chirped mode-locked laser diodes 55625
Stelmaszyk, A., Strack, H., Frank, W.F. Novel design for power-splitters in polymer materials 23523
Stelt, P.F.van der *see* van der Stelt, P.F.
Stelter, A., Szulakiewicz, P. SA(B) algorithm receiver simulation 56492
Stelts, D.R. *see* Ge, Y. 18397
Stelzer, G. "Native signal processing" by the back door. Multi-media extensions for the Intel X86 31312
Stelzer, H. *see* Badura, E. 37241
Stelzer, J.E. *see* Ingalls, W.B. 49175
Stelzer, J.E. *see* Smith, H.V., Jr. 37060
Stelzle, M., Tuchtenhagen, J., Rabolt, J.F. An all-fibre-optic Fourier transform spectrometer 17413
Stelzle, M. *see* Doppelt, P. 42722
Stemme, E. *see* Enoksson, P. 13167
Stemme, G. *see* Enoksson, P. 13167
Stemme, G. *see* Eriksson, P. 48531
Stemme, G. *see* Eriksson, P. 48536
Stemmer, A. Cash catch cache [cache RAMs for second level computer applications] 41153
Stemmer, J., Ackermann, J., Uffmann, D., Aderhold, J. Digital standard cells and operational amplifiers for operation up to 250°C using low-cost CMOS technology 54794
Stemmer, J. *see* Uffmann, D. 54793
Stemmer, M., Wagner, G., Martinuzzi, S. LBIC characterization of LPE Si layers deposited on multicrystalline Si substrates 31770
Stemmler, H., Omlin, A. Converter controlled fixed-frequency variable-speed motor/generator 19671
Stemp, P.W., Youngs, I.J. Reproducibility, traceability and uncertainty of dielectric measurements using automated vector network analysis 48826
Sten, J.C.-E. On the averaged electric fields near perfectly conducting and insulating rough boundaries 24329
Stenbakken, G. *see* Gillespie, A. 27362
Stenbakken, G. *see* Steiner, R. 17814
Stenbeck, J., Norstedt, G. Electrical safety, cost and the consequences 51322
Stenberg, G. *see* Lindstam, M. 10904
Stenberg, J. *see* Joutsenoja, T. 59072
Stencel, R.E. *see* Creech-Eakman, M.J. 27648
Stengel, F., Mohammad, S.N., Morkoc, H. Analytical investigation of surface potential and related properties of metal/insulator/III-V semiconductor capacitors 22453
Stengel, F., Noor Mohammad, S., Morkoc, H. Analytical investigation of electrical performance of metal-insulator-III-V semiconductor field-effect transistors 2671
Stengel, K.M.T. *see* Eldada, L. 55346
Stengel, K.M.T. *see* Ilic, I. 36105
Stengel, K.M.T. *see* Norwood, R.A. 3390
Stengel, R.F. *see* Wangermann, J.P. 8277
Stenger, J., Beckmann, M., Nagengast, W., Rith, K. A compact Faraday rotation monitor for density and polarization of optically pumped alkali atoms 36370
Stenger, S., Manuel, P., Bouillault, F. Inter-strand coupling losses in superconducting power cables without coaxial magnetic shielding 38379
Stengl, G. *see* Didenko, L. 42869
Stengl, G. *see* Lee, Y. 49306
Stenhammer, K. The Alcatel 1000 switching 16492
Stenholm, S. *see* Torma, P. 33177
Stenkamp, D. *see* Aldabergenova, S.B. 10910
Stenning, P. *see* Kirby, N. 11942
Stenow, E.N.D. *see* Pettersson, H. 18323
Stensby, J. Eigenvalue method for approximating cycle slip rates in PLLs 46537
Stensland, T., Fuchs, E.F., Grady, W.M., Doyle, M.T. Modeling of magnetizing and core-loss currents in single-phase transformers with voltage harmonics for use in power flow 51091
Stensmo, M. *see* Tzyy-Ping Jung 18468
Stenstroem, K. *see* Hakansson, K. 49295
Stenstrom, G. *see* Gustavsson, A. 8338
Stent, A.J. *see* Hansen, P.B. 6755
Stentz, A.J. *see* Hansen, P.B. 26879
Steny-Ross, D.A. *see* Steyn-Ross, M.L. 8376
Stenz, C. *see* Amiranoff, F. 17898
Stenzel, O. *see* Dadgar, A. 42373
Stenzel, R. *see* Brandenburg, U.W. 58115
Stenzel, R. *see* Braun, R.P. 26834
Stenzel, R. *see* Trommer, D. 16727
Stenzenberger, J. *see* Frank, K. 22142
Stepanek, B. *see* Sestakova, V. 22523
Stepanenko, P. *see* Dubrovka, F. 45361
Stepanenko, P.Y. *see* Dubrovka, F.F. 1695
Stepanenko, V.N. Computer arithmetic of complex numbers 53246
Stepanenko, Y. *see* Su, C.-Y. 38934
Stepanov, A.A. *see* Fedorovskii, A.M. 3920
Stepanov, A.A. *see* Shcheglov, V.A. 33671
Stepanov, A.A. *see* Visilter, Y.V. 15933
Stepanov, A.E. *see* Baranov, V.Yu. 18077
Stepanov, A.E. *see* Haseroth, H. 49278
Stepanov, D.P. *see* Gelikonov, V.M. 14215
Stepanov, D.Yu., Cowle, G.J. Tuning range and efficiency of a Brillouin/erbium fiber laser 23777
Stepanov, D.Yu. *see* Cowle, G.J. 3716
Stepanov, D.Yu. *see* Ivanchenkov, V.P. 3515
Stepanov, D.Yu. *see* Ivanchenkov, V.P. 5446
Stepanov, G.V. *see* Baru, V.G. 12582
Stepanov, O.A. *see* Dmitriyev, S.P. 34721
Stepanov, P.Yu. *see* Barkov, L.M. 37486
Stepanov, S. *see* Castillo, M.D.I. 4022
Stepanov, S. *see* Korneev, N. 27554
Stepanov, S. *see* Korneev, N. 27559
Stepanov, S. *see* Korneev, N. 27560
Stepanov, S. *see* Korneev, N. 44764
Stepanov, S. *see* Quirino, G.S.G. 14307
Stepanov, S. *see* Sarabia, C.M.G. 24193
Stepanov, S.A. *see* Danilov, S.V. 23493
Stepanov, S.I. *see* Garcia-Quirino, G.S. 33678
Stepanov, S.I. *see* Korneev, N.A. 3307
Stepanov, V.A. *see* Chernov, V.M. 54896
Stepanov, V.E. *see* Volkovich, A.G. 18152
Stepanov, V.S. *see* Gromov, B.F. 37192
Stepanov, Yu.A. *see* Agekyan, V.F. 42028
Stepanova, A.N., Zhirnov, V.V., Bormatova, L.V., Givargizov, E.I., Mashkova, E.S., Molchanov, V.A. Field emission from as-grown and ion-beam-sharpened diamond particles deposited on silicon tips 53920
Stepanova, A.N. *see* Givargizov, E.I. 58929
Stepanova, L.N. *see* Ser'eznov, A.N. 58628
Stepanova, M.A. *see* Gorynya, L.M. 2089
Stepanova, N. *see* Pimenov, S. 45035
Stepanova, N.V. Anomalies of electron emission and Schottky effect of metals exposed to fast heating by electric current 22158
Stepantsov, E. *see* Tarasov, M. 32929
Stepantsov, E.A. *see* Hu, Q.-H. 32914
Stepanyak, M. *see* Stadnyk, B. 28156
Stepanyants, A.L. *see* Grekhov, I.V. 13945
Stepanyants, A.L. *see* Grekhov, I.V. 14224
Stepchenko, A.S. *see* Gubanov, V.P. 54002
Stephan, E.P. *see* Carstensen, C. 10559
Stephan, E.P. *see* Carstensen, C. 21206
Stephan, E.P. *see* Elschner, J. 547
Stephan, G. *see* Cai, Z.P. 23868
Stephan, G. *see* Colin, S. 33402
Stephan, G. *see* Even, P. 13959
Stephan, G.M. *see* Even, P. 44352
Stephan, K.D. Liberte! Egalite! Telegraphie! The French Cable Station in Orleans, Massachusetts 6431
Stephan, R., Americo, M., Lima, A.G.G., Rudrigue, A. Electric energy conservation in pumping processes at a refinery 61374
Stephan, R., Mohring, J. Practical investigations on monolithic integrated microwave filters 53661
Stephan, R. *see* Cavalcante, F. 7486
Stephan, R.M. *see* de Lima, A.C.S. 9756
Stephan, R.M. *see* Salazar, A.O. 29203
Stephan, Y. Neural inversion of Gastom'90 tomographic data 50199
Stephansson, P., Vêfling, H., Johansson, G., Henrion, C. New electromagnetic contactor with wide control voltage range 51400
Stephen, D.S., Mathew, T., Aanandan, C.K., Mohanan, P., Nair, K.G. A dual periodic strip grating for specular reflection suppression 4225
Stephen, D.S. *see* Mathew, T. 6887
Stephen, J.B. *see* Chirco, P. 37316
Stephen, R., Vangrunderbeek, J., Buekenhoudt, A., Luyten, J., de Schutter, F. Improvement of the thermal shock resistance of β-Al_2O_3 ceramics for sensor applications 27971
Stephen, R. *see* Thiel, S. 60844
Stephens, A.W., Green, M.A. Effectiveness of 0.08 molar iodine in ethanol solution as a means of chemical surface passivation for photoconductance decay measurements 42551
Stephens, D.N. *see* O'Donnell, M. 18366
Stephens, J.E. *see* Sidhu, T.S. 50627
Stephens, J.J. *see* Frear, D.R. 39755
Stephens, J.P. Advances in signal processing technology for electronic warfare 8697
Stephens, J.P. Advances in signal processing technology for electronic warfare 19028
Stephens, M. *see* Murtz, M. 48311
Stephens, M. *see* Roos, P.A. 14499
Stephens, M.F.C., Asghari, M., Penty, R.V., White, I.H. Demonstration of ultrafast all-optical wavelength conversion utilizing birefringence in semiconductor optical amplifiers 44509
Stephens, M.F.C., Penty, R.V., Asghari, M., White, I.H. High-speed wavelength conversion utilizing birefringence in semiconductor optical amplifiers 26727
Stephens, M.F.C., Penty, R.V., White, I.H., Asghari, M., Williams, K.A., Fice, M.J., Whiteaway, J.E.A. High speed wavelength conversion utilising an integrated amplifier/DFB laser 58340
Stephens, R.D., Jr. NightSight: thermal imaging for both worlds 36692
Stephenson, B. *see* Zhang, Y. 32229
Stephenson, G.B. *see* Clevenger, L.A. 31793
Stephenson, J.M. *see* Elliott, C.R. 60696
Stephenson, J.M. *see* Elliott, C.R. 61160
Stephenson, M., Lynch, T., Walters, S. Using advanced tools to automate the design, generation and execution of formal qualification testing 36426
Stephenson, R. *see* Alexeev, G. 59200
Stepien, B. *see* Faci, M. 46980
Stepikhova, M.V. *see* Karpovich, I.A. 12218
Stepin, D.L. *see* Ayzatsky, M.I. 37115
Stepina, N.P. *see* Yakimov, A.I. 44197
Stepina, N.P. *see* Yakimov, A.I. 54109
Stepinski, T. *see* Gustafsson, M.G. 60123
Stepniewski, S.W., Keane, A.J. Topology design of feedforward neural networks by genetic algorithms 10395
Stepnowsky, C. *see* Ancoli-Israel, S. 59378
Stepovich, M.A. *see* Astakhov, V.P. 13889
Stepowicz, W.J., Zarebski, J. Influence of self-heating on circuit parameters of an amplifier with a BJT 32377
Stepp, J.D. Initial operation of the low power level circuits of the APS synchrotron and storage ring RF acceleration systems 59169
Ster, A. *see* Bourgeois, M. 49273
Ster, A. *see* Haseroth, H. 49278
Stergiopoulos, B., Vasilicos, C. Small hydro energy recovery on the water supply network of Athens 19600
Stergiopoulos, S., Robertson, W., Phillips, W. Development of a generic signal processing structure providing array gain improvements for real time systems including 1-dimensional or 2-dimensional arrays of sensors 15174
Stergiopoulos, S. *see* Dhanantwari, A.C. 16976
Stergiopulos, N. *see* Segers, P. 37598
Sterian, C.-E.D. Wei-type trellis-coded modulation with 2N-dimensional rectangular constellation for N not a power of two 34517
Sterif, T. *see* Brownson, R. 39932
Steriu, D. *see* Popescu, A.E. 42967
Steriu, M.D. *see* Rusu, A. 9870
Sterk, T.P. *see* Fiorino, M.E. 51284
Sterke, C.Martijn de *see* Martijn de Sterke, C.
Sterke, C.M.De *see* De Sterke, C.M.
Sterke, C.M.Martijn de *see* Martijn de Sterke, C.M.
Sterkenburgh, T., Michels, R.M., Dress, P., Franke, H. Explicit finite-difference simulation of optical integrated devices on massive parallel computers 43985
Sterlina, P.S. *see* Wilson, R.E. 8985
Stern, A., Kopeika, N.S. Analytical method to calculate optical transfer functions for image motion using moments and its implementation in image restoration 15945
Stern, A., Kopeika, N.S. Analytical method to calculate optical transfer functions for image motion and vibrations using moments 46015
Stern, A. *see* Messica, A. 42211
Stern, D. *see* Servet, I. 6003
Stern, D. *see* Servet, I. 46978
Stern, D. *see* Servet, I. 57760
Stern, E.A. *see* Heald, S.M. 37549
Stern, G. *see* Erenshteyn, R. 59820
Stern, H.P., Hermes, J.G., Subrahmanyam Darbha An adaptive propagation prediction program for land mobile radio systems 34069
Stern, H.P., Mahmoud, S.A., Wong, K.-K. A comprehensive model for voice activity in conversational speech: development and application to performance analysis of new-generation wireless communication systems 35920
Stern, H.P., Salem, T.E. Developing a conceptual base for undergraduate communications courses 52049
Stern, H.P. *see* Burrell, A. 46569
Stern, H.P. *see* McInerny, S.A. 20587
Stern, J. The validation of cryptographic algorithms 4568
Stern, J. A new paradigm for public key identification 24691
Stern, J. *see* Chabaud, F. 14798
Stern, J. *see* Pointcheval, D. 4565
Stern, J. *see* Warzanskyj, W. 26388
Stern, M.J., West, R.T. Development of a low cost integrated 15 kW AC solar tracking subarray for grid connected PV power system applications 39183
Stern, M.S. *see* Burton, R.R. 3918
Stern, R.H. AOL: essential for sending junk e-mail? 57768
Stern, R.M. *see* Moreno, P.J. 15098
Stern, W.B. *see* Schlag, S. 2903
Stern, Y.I. *see* Aivazov, A.A. 39238
Sternberg, A., Shebanovs, L., Birks, E., Dimza, V., Weber, H.W., Sauerzopf, F.M., Klima, H., Ulmanis, U. Radiation effects on lead-containing perovskite ceramics 43503
Sternberg, A. *see* Birks, E. 2897
Sternberg, A. *see* Dambekalne, M. 54942
Sterner, K. *see* Husby, D. 37509
Sterner, R.E., II *see* Gotwols, B.L. 8491
Sternick, E.S. *see* Engler, M.J. 8136
Sternklar, S. *see* Glick, Y. 55820
Sterns, L. *see* Penney, C.J. 59673
Sternschulte, H. *see* Kamp, H. 21262
Sterpi, N. *see* D'Ariano, G.M. 34495
Sterr, T. *see* Bettermann, D. 27228
Sterr, U. *see* Bettermann, D. 7138
Sterzbach, B. GPS-based clock synchronization in a mobile, distributed real-time system 36283
Sterzbach, B., Halang, W.A. A mobile vehicle on-board computing and communication system 17000
Steshenko, N.V. *see* Didkovskii, L.V. 43590
Stesik, O.L. *see* Perel, M.V. 34058
Steslicka, M., Kucharczyk, R. Localized electronic states in coupled superlattices 31852
Stesmans, A., Afanas'ev, V.V. Thermally induced interface degradation in (111) Si/SiO_2 traced by electron spin resonance 12718

Stesmans, A., Afanas'ev, V.V. Reply to the comment on 'Creaton of P_b interface defects in thermal Si/SiO_2 through annealing' 54296
Stesmans, A. *see* Afanas'ev, V.V. 781
Stesmans, A. *see* Afanas'ev, V.V. 42283
Stesmans, A. *see* Afanas'ev, V.V. 42311
Stesmans, A. *see* Afanas'ev, V.V. 42325
Stetson, S., Brown, R.B. A complementary GaAs PLL clock multiplier with wide-bandwidth and low-voltage operation 41282
Stett, A., Muller, B., Fromherz, P. Two-way silicon-neuron interface by electrical induction 41376
Stetten, G. *see* Drezek, R. 59530
Stetter, H.J. *see* Auzinger, W. 10527
Stetter, M., Neuner, U., Stoewe, S., Dornik, M., Hoffmann, D.H.H., Kowalewicz, R., Spiller, P., Tauschwitz, A. The high current plasma lens: investigations of fine focusing of high energy heavy ion beams 59163
Stetter, M. *see* Dornik, M. 59164
Stetter, M. *see* Frank, K. 22142
Stetter, M. *see* Frank, K. 28948
Stetter, M. *see* Spiller, P. 59153
Stettler, B. *see* Karthik, S. 40778
Stettler, M.W. *see* Sherman, J.D. 49174
Stettner, R. *see* Richmond, R. 6971
Steube, M. *see* Reimann, K. 22227
Steuber, F. *see* Hangleiter, A. 55639
Steuber, F. *see* Im, J.S. 31847
Steuber, F. *see* Scholz, F. 30829
Steuber, F. *see* Scholz, F. 40365
Steudel, A., Glesner, M. Image coding with fuzzy region-growing segmentation 57470
Steudel, M. *see* Brown, P. 48124
Steuer, J. *see* Biesterfeld, J. 58197
Steuer, R.E. *see* Sun, M. 21041
Steur, P.P.M. *see* Pavese, F. 48298
Steven, G.P. *see* Chu, D.N. 30674
Stevendaal, U.van *see* van Stevendaal, U.
Stevens, A.E. *see* Tong, F. 16740
Stevens, C. *see* Seery, B.D. 60094
Stevens, C.F., Zador, A. When is an integrate-and-fire neuron like a Poisson neuron? 59630
Stevens, C.F. *see* Moon, J.R. 27107
Stevens, C.J. *see* Calcagnile, L. 24116
Stevens, E.A. *see* Marquis, D. 6180
Stevens, H. *see* Brownson, R. 39932
Stevens, J. *see* Palomino, E. 50848
Stevens, J.L., Sauer, J.D., Shaffer, J.S. Modeling and improving heat dissipation from large aluminum electrolytic capacitors 31091
Stevens, J.W., Corey, G.P. A study of lead-acid battery efficiency near top-of-charge and the impact on PV system design 50841
Stevens, K.S. *see* Beresford, R. 21252
Stevens, M. *see* Henry, L.G. 24345
Stevens, M.A., Turner, J.R., Hugtenburg, R.P., Butler, P.H. High-resolution dosimetry using radiochromic film and a document scanner 8207
Stevens, M.A. *see* Jacobson, C.A. 19106
Stevens, M.L. *see* Hemenway, B.R. 36148
Stevens, M.R., Beveridge, J.R. Interleaving 3D model feature prediction and matching to support multi-sensor object recognition 5280
Stevens, M.R., Beveridge, J.R. Precise matching of 3-D target models to multisensor data 25635
Stevens, N.S. *see* Aprille, T.J. 16439
Stevens, N.S. *see* Aprille, T.J. 47427
Stevens, R., Abdullah, A.H., Cranton, W. Ultra-high resolution emissive micro-mirror LETFEL displays for the injection of intelligent graticule information in avionic head-up display systems 7509
Stevens, R. *see* Disz, T. 47212
Stevens, R.G. *see* Bullough, J. 8083
Stevens, R.R. *see* Sherman, J. 7707
Stevens, R.R., Jr. *see* Schneider, J.D. 7708
Stevens, R.R., Jr *see* Sherman, J.D. 49174
Stevens, R.R., Jr. *see* Smith, H.V., Jr. 37060
Stevens, R.R., Jr *see* Wang, T.-S.F. 37139
Stevens, W.T. *see* Sandford, S.P. 27283
Stevenson, A.W. *see* Nukulin, A.Yu. 41826
Stevenson, D.E., Fleck, M.M. Nonparametric correction of distortion 25477
Stevenson, G. *see* DuBois, T.A. 18991
Stevenson, H.A. *see* West, K.F. 18950
Stevenson, J. *see* Kokas, J. 1809
Stevenson, J.D., Zhao, Y. Modern tornado design of nuclear and other potentially hazardous facilities 9002
Stevenson, J.O. *see* Hosking, F.M. 1797
Stevenson, J.O. *see* Hosking, F.M. 22061
Stevenson, J.T.M. *see* Elliott, J.P. 54745
Stevenson, J.W. *see* Armstrong, T.R. 20017
Stevenson, J.W. *see* Johnson, P.W. 39489
Stevenson, M. *see* Englehart, K. 59735
Stevenson, P. Development of reliable sub systems for Autosub 50142
Stevenson, P., Howes, M. Lead acid batteries for wind power applications 29185
Stevenson, P.J. *see* Hall, D.A. 43492
Stevenson, R. Experiments in 3D with a three-point hierarchical basis preconditioner 40219
Stevenson, R.L. Inverse halftoning via MAP estimation 46256
Stevenson, R.L. *see* Llados-Bernaus, R. 15779
Stevenson, R.L. *see* Llados-Bernaus, R. 58051
Stevenson, S., Kane-Esrig, Y., Dooley, K. Risk analysis of advanced intelligent network architectures 26320
Stevie, F.A. *see* Twiford, M.S. 43313
Stewardson, H.R. *see* Novac, B.M. 9360
Stewart, A. Is PCS going nowhere fast? 6493
Stewart, A. ADSL technology: dead in its tracks? 26384
Stewart, A. Ringing in the changes [Distributed optical ring architectures] 58263
Stewart, A. *see* Rodgers, D.H. 59861
Stewart, C.V., Flatland, R.Y., Bubna, K. Geometric constraints and stereo disparity computation 15826
Stewart, C.V. *see* Flatland, R.Y. 15502
Stewart, C.V. *see* Martin, K. 20964
Stewart, D. *see* Cook, R. 48109
Stewart, D. *see* Oliver, C.J. 16864
Stewart, D. *see* Sloman, A.W. 17254
Stewart, G. *see* Blue, R. 48605
Stewart, G. *see* Qing Liao 52741
Stewart, I.C.D., Goldsmith, S.D. The maintenance of the Sizewell B reactor protection system 9030
Stewart, I.D. Offshore users of high voltage explosion protected machines–where are we now? 61387
Stewart, J. Microvia technology: density and assembly issues 53752
Stewart, J. *see* Brist, G. 31625
Stewart, J. *see* Kaufman, L.S. 57703
Stewart, J.A.C. *see* Barec, A.H. 53668
Stewart, J.R., Hughes, T.J.R. An a posteriori error estimator and hp-adaptive strategy for finite element discretizations of the Helmholtz equation in exterior domains 40257
Stewart, J.R. *see* Bascom, E.C., III 50587
Stewart, J.R. *see* Hughes, T.J.R. 616
Stewart, J.S. Changes in switchgear design: a manufacturers experience 38907
Stewart, J.T., Yoonkee Kim Design of a quartz microresonator for infrared sensor applications 13353
Stewart, J.T. *see* Reid, J.R. 13404
Stewart, M., McCormick, N.J., Gee, M.G. Measurement of strain field and mechanical degradation performance of piezoelectric ceramics 40731
Stewart, M., Sarcona, G., Hatalis, M.K. Sputtered tungsten gates for AMLCDs 12950
Stewart, M., Van Dooren, P. Stability issues in the factorization of structured matrices 30609
Stewart, M. *see* Bolliger, B. 31630
Stewart, P.A. *see* Baker, C.C. 19473
Stewart, R.D. *see* Jahagirdar, D.R. 14702
Stewart, R.J. *see* Metz, J.L. 37619
Stewart, R.J. *see* Metz, J.L. 37729
Stewart, R.K., Jr. *see* Bivins, E.A. 22054
Stewart, R.W. *see* Crawford, D.H. 15379
Stewart, R.W. *see* Crawford, D.H. 56510
Stewart, R.W. *see* Harteneck, M. 15380
Stewart, R.W. *see* Pfann, E. 31385
Stewart, R.W. *see* Roy, E. 15375
Stewart, S.M. *see* Xu, W. 42232
Stewart, S.P. *see* Berry, E. 7892
Stewart, W.K. *see* Singh, H. 50092
Stewart, W.K. *see* Xiaoou Tang 50163
Steyaert, B., Bruneel, H. Delay performance of CBR traffic in an ATM multiplexer with high-priority background traffic 25864
Steyaert, B. *see* Bruneel, H. 46695
Steyaert, M. *see* Bastos, J. 43316
Steyaert, M. *see* Craninckx, J. 1732
Steyaert, M. *see* Crols, J. 1731
Steyaert, M. *see* Ingels, M. 16764
Steyaert, M.S.J. *see* Bastos, J. 54806
Steyaert, M.S.J. *see* Craninckx, J. 53684
Steyaert, M.S.J. *see* Kinget, P.R. 40959
Steyer, H.C., Jr., Fonseca, A.F., Hopkins, D.D., Nodell, M., Travis, I.L., Wahl, W.S. The World Bank's information management architecture: a blueprint for building institutional information services 6258
Steyn, F., Kunicki, J.S., Fereira, H.C. SST data transmitted utilising Viterbi decoding 6347
Steyn-Ross, M.L., Steny-Ross, D.A. Land surface temperature retrieval from AVHRR: influence of surface emissivity and atmospheric water vapor 8376
Steyskal, H., Herd, J.S. Custom modes for microstrip phased array analysis 4384
Steyskal, H., Mailloux, R.J. Generalization of a phased array error correction method 34366
Stiansen, J.E. *see* Gytre, T. 50108
Stiber, M., Ieong, R. Long-term potentiation and neural coding as a single dynamical process 34544
Stichauer, L. *see* Bursik, J. 3173
Stickel, A. *see* Mintchev, M. 49674
Sticklen, J. *see* Decker, D.B. 7172
Sticklen, J. *see* McDowell, J.K. 52143
Stickley, C.M. *see* Gatt, P. 6967
Stickley, G.F., Longstaff, I.D., Radcliffe, M.J. Synthetic aperture radar for the detection of shallow buried objects 8617
Stickney, J.L. *see* Lister, T.E. 10760
Stidham, S., Jr. A queueing model for optimal segmentation of a token-ring local area network 35492
Stidham, S., Jr. Decentralized rate-based flow control with bidding for priorities: equilibrium conditions and stability 46683
Stiebig, H. *see* Folsch, J. 39149
Stiebler, M., Lange, M., Gross-Thebing, A. Investigating the traction drive in the development of a locomotive adhesion controller 51784
Stiefelhagen, R., Jie Yang, Waibel, A. A model-based gaze tracking system 15752
Stieger, R. *see* Ruigrok, R. 6794
Stiegler, D.E. *see* Swanson, D.W. 59877
Stiegler, J. *see* Mikhailov, S.N. 12169
Stiegler, J. *see* von Kaenel, Y. 30755
Stiegmann, D., Bartholet, H.-P. ESAB laser cutting system 30200
Stiehl, H.S. *see* Rohr, K. 15994
Stiehl, H.S. *see* Schnorr, C. 34756
Stiens, J., Vounckx, R., Veretennicoff, I., Voronko, A., Shkerdin, G. Slab plasmon polaritons and waveguide modes in four-layer resonant semiconductor waveguides 33057
Stier, O. *see* Turck, V. 54194
Stierand, I. *see* Franz, E. 24777
Stieren, C., Rachniowski, Z. Designing two non-profit Web sites on less than $350 US per year each 26148
Sties, M. *see* Quint, F. 15886
Stietz, F., Allinger, T., Polyakov, V., Woll, J., Goldmann, A., Erfurth, W., Lapeyre, G.J., Schaefer, J.A. Segregation of In atoms at clean and hydrogen passivated InP(100) surfaces 2028
Stietz, F., Woll, J., Persch, V., Allinger, T., Erfurth, W., Goldmann, A., Schaefer, J.A. Interaction of hydrogen and methane with InP(100) and GaAs(100) surfaces 42550
Stievenard, D. *see* Mimila-Arroyo, J. 52633
Stievenart, J.L. *see* Vera, P. 37674
Stifelman, L.J. A discourse analysis approach to structured speech 24873
Stifter, D., Kany, F., Daudin, B., Wasiela, A., Mariette, H. Insertion of ALE grown ZnTe monomolecular films in CdTe/CdZnTe heterostructures to probe the quantum well eigenstates 54224
Stifutkin, A.A. *see* Klyachko, A.V. 28026
Stiglich, J.J. *see* Kumar, R. 21381
Stiles, G.S. *see* Tsai, L.-C. 60046
Stiliadis, D., Varma, A. FAST: an FPGA-based simulation testbed for ATM networks 5946
Still, L., Hammer, W. Design and electric power equipment of locomotive class 101 of Deutsche Bahn 9663
Stiller, B. *see* Bauer, D. 57628
Stiller, B. *see* Knobloch, H. 23596
Stiller, C. Object-based estimation of dense motion fields 25639
Stiller, C. Object-based motion computation 57014
Stiller, P. *see* Scherer, K.P. 32585
Stillerman, J.A. *see* Allen, A.J. 36346
Stilling, B. *see* Jukan, A. 47497
Stillman, G.E. *see* Fresina, M.T. 2606
Stillman, G.E. *see* Fresina, M.T. 12900
Stillman, G.E. *see* Fresina, M.T. 42961
Stillman, G.E. *see* Hartmann, Q.J. 40640
Stillman, G.E. *see* Sengupta, D.K. 7342
Stillman, G.E. *see* Sengupta, D.K. 27577
Stillman, G.E. *see* Sengupta, D.K. 27579
Stillman, G.E. *see* Sengupta, D.K. 48666
Stillman, G.E. *see* Sengupta, D.K. 54326
Stillman, L. *see* Le, B.Q. 49896
Stima, M.J. *see* Carpenter, J.R. 47739
Stimmer, J. *see* Jaumann, M. 2578
Stimming, U. *see* Erning, J.W. 20005
Stimming, U. *see* Oetjen, H.-F. 51494
Stimming, U. *see* Schmidt, V.M. 9682
Stimper, K. *see* Ackermann, G. 50480
Stimple, J., Baney, D. Noise-gain profiles gauge EDFA output 14008
Stimple, J. *see* Baney, D.M. 14002
Stincescu, R., Simion, A., Neacsu, D., Donescu, V., Livaduru, L., Mardarasevici, G. An implementation of fuzzy-control for the optimal-efficiency induction motor with slip sensor 38739
Stincescu, R. *see* Simion, A. 38750
Stine, B. *see* Prasad, S. 42604
Stine, B.E., Boning, D.S., Chung, J.E. Analysis and decomposition of spatial variation in integrated circuit processes and devices 32526
Stine, B.E., Boning, D.S., Chung, J.E., Bell, D.A., Equi, E. Inter- and intra-die polysilicon critical dimension variation 43216
Stine, S.C. *see* Blair, H.D. 40664
Stineman, J.S. *see* Goodnough, M.A. 17463
Stinson, D.R. *see* Ateniese, G. 14836
Stipetic, H., Benis, R., Bujanovic, I. Problems and solutions in the design of NeOS'V2 communication protocol 35514
Stipetic, H. *see* Benis, R. 47035
Stipp, V., Brumwell, F., McMichael, G. The ANL 50 MeV H^- Injector-35 year anniversary 37014
Stirland, S., Roederer, A. Active and semi-active array antennas for mobile communications satellites 34409
Stirling-Gallacher, R.A. *see* Ng, Y.H. 7031
Stirniman, J.P. *see* Rieger, M.L. 2534
Stirniman, J.P. *see* Yen, A. 22738
Stirrat, C.R. *see* Rapport, I.D. 38145
Stishkov, Y.K., Steblyanko, A.V. Influence of a unipolar charged liquid structuring on ultra sound dispersion 23116
Stishkov, Y.K. *see* Kuchinsky, V.B. 23152
Stishkov, Y.K. *see* Mirotvorsky, V.O. 23103
Stiteler, M.R., Ume, I.C., Leutz, B. In-process board warpage measurement in a lab scale wave soldering oven 22022
Stiteler, M.R. *see* Tsang, C.-C. 31588
Stiurca, D. A new temperature independent current conveyor based precision rectifier 41313

Stivanello, F. *see* Palmieri, V. 49140
Stivanello, F. *see* Porcellato, A.M. 49142
Stivaros, C., Chimonidis, T. On image characterization in real-time 46297
Stively, K.H., Keiver, L.A. Low-budget, high-performance distributed control system 30102
Stivoric, J. *see* Amon, C. 258
Stobbe, S., Oatley, J., Brown, R.C. Indirectly-heated biomass gasification using latent-heat ballasting of a fluidized reactor 29658
Stobie, I. *see* White, K.J. 33867
Stobie, J., Garnett, J., Krueger, E., Siegel, A., Rutter, J. Focal plane performance for the AIRS instrument 18818
Stobiecki, F., Dubowik, J., Lucinski, T., Szymanski, B., Rohrmann, H., Roll, K., Schmidt, M. High-quality Ni-Fe/Cu multilayer films with antiferromagnetic coupling 55039
Stobiecki, F. *see* Becker, S. 43617
Stobiecki, F. *see* Chrzumnicka, K. 23353
Stochanskii, S.Ya. *see* Teterkin, V.V. 54061
Stochino, G. *see* Ferri, G. 58733
Stock, H.-J., Hamelmann, F., Kleineberg, U., Menke, D., Schmiedeskamp, B., Osterried, K., Heldemann, K.F., Heinzmann, U. Carbon buffer layers for smoothing superpolished glass surfaces as substrates for molybdenum/silicon multilayer soft-x-ray mirrors 55377
Stock, K.D. *see* Lassila, A. 36584
Stock, R. *see* Bieser, F. 59307
Stock, R. *see* Yeung, N. 18513
Stock, S.R. *see* Chtchekine, D.G. 40314
Stockbridge, R. *see* Cole, B. 28506
Stockburger, D. *see* Stannard, J.H. 61289
Stockdale, R.E. *see* Nilson, D.G. 36663
Stockel, C.T. *see* Morrissey, J.P. 16228
Stockel, J.F. *see* Lim, N.S. 61041
Stocker, A., Sipila, O., Visa, A., Salonen, O., Katila, T. Stability study of some neural networks applied to tissue characterization of brain magnetic resonance images 18250
Stocker, J. TRAC: a new route to analogue silicon 43168
Stockl, C. *see* Dubenkov, V. 18057
Stockl, P. *see* Gopel, K.-D. 34116
Stockmann, R. *see* Gabler, Th. 55237
Stockmann, R. *see* Tak, Y.-H. 23699
Stocks, A.M. *see* Cuevas, A. 41816
Stockton, R. *see* Moss, W. 50818
Stockwell, W. *see* Itoh, K.M. 1991
Stockwell, W. *see* Shutt, T. 37472
Stockwood, J. *see* Lysaght, P. 11315
Stocl, M. *see* Kohler, R. 48285
Stoddard, J.C. *see* Cermak, G.W. 35856
Stoddart, A.J., Hilton, A. Registration of multiple point sets 5347
Stoddart, A.J. *see* Brunnstrom, K. 15569
Stoddart, A.J. *see* Hilton, A. 25672
Stoddart, A.J. *see* Hilton, A. 57253
Stodolski, M. *see* Osowski, S. 15322
Stoebe, T.G., Chen, T.C., Smith, K.R., Thibado, J., Gasiot, J., Prevost, H., Missous, O. Solid state integrated radiation sensor development 8198
Stoecker, M., Reitboeck, H.J. A neural network for position invariant pattern recognition combining spiking neurons with the Fourier-transform 57401
Stoeckl, C. *see* Dornik, M. 59164
Stoeffl, W. *see* Heifets, S. 49221
Stoemenos, J. *see* Dezauzier, C. 10706
Stoemenos, J. *see* Gaiseanu, F. 42420
Stoemenos, J. *see* Gaisenu, F. 42409
Stoemenos, J. *see* Kouvatsos, D.N. 12951
Stoemenos, J. *see* Nejim, A. 32119
Stoemenos, J. *see* Pacaud, Y. 31884
Stoemenos, J. *see* Pacaud, Y. 31885
Stoemenos, J. *see* Rodriguez-Viejo, J. 12318
Stoessel, M. *see* Miesner, H.-J. 37046
Stoesslein, U. *see* Eick, W. 59238
Stoev, K. *see* Simova, E. 23533
Stoewe, S. *see* Dornik, M. 59164
Stoewe, S. *see* Spiller, P. 59153
Stoewe, S. *see* Stetter, M. 59163
Stofel, E.J. *see* Dagarin, B.P. 18728
Stoff, L. *see* Goswami, D.Y. 29889
Stoffel, D., Kunz, W., Gerber, S. AND/OR reasoning graphs for determining prime implicants in multi-level combinational networks 41122
Stoffels, A., Roska, T., Chua, L.O. On object-oriented video coding using the CNN universal machine 15693
Stoffels, A. *see* Zarandy, A. 35091
Stoffels, R. Cost effective frequency measurement for production testing: new approaches on PLL testing 48355
Stoffels, W.W. *see* Shirafuji, T. 32214
Stoffer, D. *see* Hairer, E. 40136
Stoffers, C., Sen Yang, Jacobsen, S.M., Summers, C.J. Saturation of phosphors under low-voltage excitation 55415
Stoffeth, T. *see* Dean, J. 30134
Stoft, S. *see* Borenstein, S. 28812
Stoger, B. *see* Burger, F. 6175
Stoger, G. *see* Brunthaler, G. 2204
Stogioglou, A.G., McLaughlin, S. Overcoming the effects of sampling of band-limited stationary analog signals in HOC-based MA modeling 15199
Stogner, D. *see* Garg, V. 22107
Stognii, A.I. A source of high-energy oxygen ions with a cold hollow cathode 37197
Stognii, A.I. *see* Svirin, V.T. 28015
Stogryn, A. *see* Karam, M.A. 33791
Stohlker, Th., Reich, H., Beckert, K., Bosch, F., Gallus, A., Eickhoff, H., Franzke, B., Kandler, T., Klepper, O., Kozhuharov, C., Menzel, G., Mokler, P.H., Nolden, F., Prinz, H.T., Spadtke, P., Steck, M., Winkler, T., Dunford, R.W., Rymuza, P., Ludziejewski, T., Stachura, Z., Swiat, P., Warczak, A. First experiment with decelerated bare uranium ions conducted at the ESR storage ring 7727
Stohmann, J., Barke, E. An universal CLA adder generator for SRAM-based FPGAs 11144
Stohr, A. Programs for electronic design automation 31194
Stohr, M. *see* Dunker, J. 15519
Stoica, A. *see* Iftimia, N. 58454
Stoica, A.D. *see* Galateanu, L. 42936
Stoica, E. *see* Maly, K. 39623
Stoica, I. A time-optimal multiple-query nearest-neighbor algorithm on meshes with multiple broadcasting 4966
Stoica, L., Yerraballi, R., Dobrian, F., Mukkamala, R. A flexible ordered and reliable group multicast protocol 57641
Stoica, M. *see* Galateanu, L. 42936
Stoica, P., Jian Li Study of the Cramer-Rao bound as the numbers of observations and unknown parameters increase 4625
Stoica, P., Li, J., Soderstrom, T. On the inconsistency of IQML 56445
Stoica, P., Ottersten, B. The evil of superefficiency [statistics] 24923
Stoica, P., Ottersten, B., Viberg, M. Optimal array signal processing in the presence of coherent wavefronts 25128
Stoica, P., Viberg, M. Reduced-rank linear regression 4681
Stoica, P., Viberg, M. Maximum likelihood parameter and rank estimation in reduced-rank multivariate linear regressions 15339
Stoica, P. *see* Besson, O. 4653
Stoica, P. *see* Besson, O. 25107
Stoica, P. *see* Cedervall, M. 15184
Stoica, P. *see* Jian Li 4872
Stoica, P. *see* Jian Li 6965
Stoica, P. *see* Li, J. 6898
Stoica, P. *see* Li, J. 58434
Stoica, P. *see* Viberg, M. 45943
Stoisiek, M. Technologies for high-voltage ICs 2758
Stojadinovic, N.D. *see* Habas, P. 12919
Stojakovic, M., Stojakovic, Z. Addition and series of fuzzy sets 439
Stojakovic, Z. *see* Stojakovic, M. 439
Stojanoff, C.G. *see* Schaller, J.K. 3351
Stojanov, G., Bozinovska, L., Bozinovski, S. Optimal linear estimator for the CNV wave during the dynamic CNV paradigm experiments 37792
Stojanovic, B.B. *see* Nikolajevic, S.V. 19341
Stojanovic, D., Mitrovic, N., Petrovic, D. Torsional oscillations of a shaft in large turbogenerators 19686
Stojanovic, I. *see* Mirkovic, M. 56292
Stojanovic, M., Proakis, J.G., Catipovic, J.A. Performance of high-rate adaptive equalization on a shallow water acoustic channel 6868
Stojcev, M. *see* Pavlovic, V. 60124
Stojcev, M.K. *see* Milentijevic, I.Z. 43215
Stojkovic, V., Tannouri, S. C++ OOP implementation of 2-D binary digital image compression using hierarchical coding technique 35353
Stojkovic, Z., Savic, M.S. The soil ionization influence to the impulse characteristics of the transmission line grounding 19395
Stojmenovic, I. *see* Bokka, V. 4970
Stokes, J.W., Ritcey, J.A. Error probabilities of synchronous DS/CDMA systems with random and deterministic signature sequences for ideal and fading channels 6472
Stokes, K.L., Tritt, T.M., Fuller-Mora, W.W., Ehrlich, A.C., Jacobsen, R.L. Electronic transport properties of highly conducting vapor-grown carbon fiber composites 30981
Stokes, K.L. *see* Fuller-Mora, W.W. 32899
Stokes, M.J. *see* Leung, C.M. 20537
Stokes, P. Automated dispensing in surface mount assembly 10149
Stokes, R.L. *see* Franco, P. 48353
Stokich, T. *see* Parkerson, J.P. 53877
Stokke, H.E. *see* Fagerberg, R. 41388
Stokking, R. *see* Zuiderveld, K.J. 25252
Stoklosa, M. *see* Newell, J.M. 1871
Stoklosa, M. *see* Read, D. 1860
Stolarczyk, Th. *see* Cribier, M. 59193
Stolarski, E. *see* Lysko, J. 58713
Stolba, U. *see* Radner, W. 8178
Stolberg, H.J. *see* Nadehara, K. 35073
Stolbunov, V.S. *see* Lazarev, N.V. 49036
Stolcke, A., Shriberg, E. Statistical language modeling for speech disfluencies 14966
Stoldt, H., Theuwissen, A.J.P., Vledder, F.F., Centen, P.G.M., Mierop, A., Kleimann, A.C.M., Peek, H.L., Verbugt, D.W.E., Hartog, P.B., de Gruyter, R.H.S. CCD imagers for broadcast applications 48230
Stolen, R.H. *see* Eiselt, M. 23496
Stolik, D., Vigil, O., Zelaya, O., Mendoza-Alvarez, J.G. Future of photovoltaic materials and all-thin-film devices 9535
Stolik, D. *see* Vigil, O. 2008
Stolin, V. *see* Akchurin, N. 37257
Stolinski, C.A., Habibi, M. Build UPS protection into your network to make it "failproof" 19835
Stolitzka, D. An electronic fuel gauge accuracy study 61020
Stolk, P.A., Klaassen, D.B.M. The effect of statistical dopant fluctuations on MOS device performance 43065
Stolk, P.A. *see* Cowern, N.E.B. 31747
Stolk, P.A. *see* Gossmann, H.-J. 41890
Stoll, L. *see* Bellermann, J. 17069
Stoll, L. *see* Morl, L. 13655
Stoll, R.D., Bautista, E.O., Akal, T. Generating interface waves using a freely falling, instrumented source 18760
Stoll, R.L. *see* Sharkh, S.M.A. 61263
Stoll, R.L. *see* Sykulski, J.K. 43755
Stoll, S.L., Gillan, E.G., Barron, A.R. Chemical vapor deposition of gallium selenide and indium selenide nanoparticles 30874
Stollberg, A. Flexible station control technology at the Gustrow central transformer station 9453
Stolle, R., Marowsky, G., Schwarzberg, E., Berkovic, G. Phase measurements in nonlinear optics 14253
Stolle, R., Schiek, B. Multiple target FMCW ranging by evaluation of the impulse response phase 27059
Stollenwerk, J., Ocker, B., Kretschmer, K.H. Transparent conductive multilayer-systems for FPD applications 13731
Stoller, H. *see* Ray, S.K. 202
Stollwerck, G. *see* Bett, A.W. 38993
Stolow, A. *see* Hong, J. 55831
Stolpen, A.H. *see* Reddy, R. 59409
Stolt, L. *see* Kylner, A. 10830
Stolt, L. *see* Niemi, E. 39066
Stolt, L. *see* Rockett, A. 39115
Stolt, L. *see* Scheer, R. 51566
Stolte, W. *see* Jennings, C. 50845
Stolten, D. *see* Schaefer, W. 29625
Stoltz, B. *see* Rigole, P.-J. 14121
Stoltz, B. *see* Rigole, P.-J. 14156
Stoltz, B. *see* Rigole, P.-J. 58283
Stoltz, B. *see* Weber, J.-P. 16783
Stoltz, B. *see* Weber, J.-P. 26935
Stoltz, B. *see* Wesstrom, J.-O.J. 43155
Stoltz, S. *see* Peck, J. 42047
Stolyarov, V.V. *see* Popov, A.G. 3108
Stolypko, A.L., Gerr, V.V. Defect mobility in GaAs under conditions of NMR saturation by an ac electric field 54069
Stolz, C. *see* Sheehan, L. 3956
Stolz, C.J. *see* Genin, F.Y. 55383
Stolz, R., Mauser, W. A multisensoral approach for landuse classifications and grassland monitoring based on the possibility theory 18934
Stolz, W. *see* Giannini, C. 42220
Stolz, W. *see* Protzmann, H. 40340
Stolz, W. *see* Rettig, R. 52664
Stolz, W. *see* Spika, Z. 40354
Stolze, F. *see* Zacharias, M. 41822
Stolze, K. *see* Eick, W. 28034
Stolze, K. *see* Eick, W. 59238
Stolzenberger, R. *see* Petrov, V. 44626
Stolzenburg, C. *see* Shu, Q.S. 49022
Stolzer, M., Bechstein, V., Meusel, J. Deposition of $(Bi,Sb)_2Te_3$ films by magnetron co-sputtering from two targets–first results 30948
Stolzer, M., Stordeur, M., Stark, I. Preparation of highly effective p-$Bi_{0.5}Sb_{1.5}Te_3$ and n-$Bi_2Te_{2.7}Se_{0.3}$ films 31928
Stolzer, M. *see* Edelman, F. 31929
Stomberg, H. *see* Oberg, A. 11795
Stone, C. *see* McClelland, T. 27822
Stone, C.E., Flint, K.D., Mathis, G.P. The Phillips Laboratory's Mobile Ground Tracking Station (MGTS) 8631
Stone, D. *see* Haifeng Li 35883
Stone, D. *see* Haifeng Li 47498
Stone, D. *see* Vusirikala, V. 3389
Stone, D. *see* Wenhua Lin 6721
Stone, D. *see* Wenhua Lin 26722
Stone, D.R. *see* Johnson, F.G. 55712
Stone, D.R. *see* Porkolab, G.A. 22565
Stone, D.R. *see* Porkolab, G.A. 44247
Stone, G.C. Partial discharge measurements to assess rotating machine insulation condition: a survey 9168
Stone, G.C., Bragoszewski, J., Campbell, S.R., Lloyd, B.A. Development of a practical continuous on-line partial discharge monitor for generators and motors 9170
Stone, G.C., Campbell, S.R., Sedding, H.G., Levine, J. A continuous on-line partial discharge monitor for medium voltage motors 60685
Stone, G.C., Lloyd, B.A., Campbell, S.R. Development of an automatic continuous online partial discharge monitor for generators 60677
Stone, H.P., II Implementing the revised EPRI fossil simulator procurement guidelines 90
Stone, J. *see* Taylor, R. 50837
Stone, J.A. *see* Howard, L.P. 44623
Stone, J.A.R. *see* Green, R.G. 39332
Stone, J.J., David, M.W.A. Studio integrated operations and networking 36328
Stone, K.P. *see* Ellacott, K.D. 9324
Stone, K.W., Drubka, R.E., Kusek, S.M. A space solar thermophotovoltaic power system 18697
Stone, K.W., Fatemi, N.S., Garverick, L.M. Operation and component testing of a solar thermophotovoltaic power system 50829

Stone, L.A., Snelling, H.V., Jenner, A.G. A comparative study of rare earth-iron thin films prepared by TEA CO_2 and excimer laser ablation deposition 40627
Stone, N. *see* Wieman, H. 59275
Stone, N.T.B. *see* Betts, W. 59222
Stone, R. *see* Bauer, C. 37326
Stone, R. *see* Bauer, C. 37378
Stone, R. *see* Frigui, I. 47000
Stone, R. *see* Targ, R. 27088
Stone, R.J., Michels, J.G., Kinder, D., Chang, C.C., Nicholas, R.J., Fox, A.M., Roberts, J.S. Optical studies of localized excitons in symmetric coupled quantum wells 42206
Stone, R.J., Michels, J.G., Wong, S.L., Foxon, C.T., Nicholas, R.J., Fox, A.M. Detection of terahertz radiation by hot electron effects in coupled quantum well photodiodes 13835
Stone, R.L. *see* Wooten, E.L. 3464
Stone, T.W., Malcuit, M.S., Kleinfeld, J.A. Switched grating devices for phased array applications 56212
Stonebraker, J.S., Kirkwood, C.W. Formulating and solving sequential decision analysis models with continuous variables 20758
Stoneham, A.M. Inspection reliability 1996: issues now and for the millenium 30354
Stonehart, P. *see* Watanabe, M. 51496
Stonehuerner, J. *see* Junguo Zhao 7450
Stoner, J.P. *see* Chantler, M.J. 46069
Stoner, R. *see* Galvin, R. 48029
Stoner, R. *see* Zheng, M. 36202
Stoner, R. *see* Zheng, M. 48030
Stoner, R.E., Rosenberry, M.A., Wright, J.T., Chupp, T.E., Oteiza, E.R., Walsworth, R.L. Demonstration of a two species noble gas maser 3675
Stoner, R.E. *see* Walsworth, R.L. 44324
Stoner, S. *see* Yoshida, K. 43837
Stonham, T.J. *see* Hepplewhite, L. 15530
Stonham, T.J. *see* Hepplewhite, L. 15546
Stonham, T.J. *see* Hepplewhite, L. 25535
Stonick, J.T., Jesinger, R.A., Stonick, V.L., Baumann, S.B. Estimation and localization of multiple dipole sources for noninvasive mapping of muscle activity 28365
Stonick, V. *see* Pillai, U. 14986
Stonick, V.L. *see* Feineigle, P.A. 28140
Stonick, V.L. *see* Schweizer, S.M. 15145
Stonick, V.L. *see* Stonick, J.T. 28365
Stook, C. *see* Azemi, A. 20580
Stoop, P.M. *see* Arnold, H. 9078
Stopa, C.R.S. *see* Migliano, A.C.C. 43710
Stopa, M. Donor ordering and the statistics of quantum dot level spacings and widths from full 3D self-consistent electronic structure 42202
Stopa, M., Aoyagi, Y. Effect of donor layer ordering on the formation of single mode quantum wires 12459
Stopa, M. *see* Bird, J.P. 42235
Stopjakova, V. *see* Butas, J. 32544
Stopjakova, V. *see* Sidiropulos, M. 27419
Stoppels, D. Developments in soft magnetic power ferrites 23382
Storage, M. *see* Cincotti, S. 53825
Storage, M. *see* Parodi, M. 53479
Storch, R.L. *see* Williamson, M.D.T. 39714
Storchi, P.R.M. *see* Stroom, J.C. 59772
Storck, K., Karlsson, M., Ask, P., Loyd, D. Heat transfer evaluation of the nasal thermistor technique 7864
Stordahl, K. *see* Olsen, B.T. 16442
Stordeur, M. *see* Stolzer, M. 31928
Storelli, S. *see* Marko, J. 20287
Storen, T. *see* Rustad, R. 14419
Storgaard-Larsen, T. *see* Poulsen, C.V. 52774
Storjohann, A. Near optimal algorithms for computing Smith normal forms of integer matrices 21155
Storjohann, A., Labahn, G. Asymptotically fast computation of Hermite normal forms of integer matrices 21154
Stork, D.G. *see* Hennecke, M.E. 14877
Stork, G. *see* Schubert, J. 32943
Stork, H. Technology leverage for ultra-low power information systems 22983
Storkholm, J.H., Villadsen, G.E., Krogh, K., Jorgensen, C.S., Gregersen, H. Dimensions and mechanical properties of porcine aortic segments determined by combined impedance planimetry and high-frequency ultrasound 49671
Storm, D.W., Corcoran, D.T., Harper, G.C. A beat frequency buncher 49151
Storm, J. *see* Brosio, A. 26856
Storm, W. *see* Horzel, J. 39009
Storm, W. *see* Schmidt, H.F. 42477
Storme, G. *see* Verellen, D. 8089
Storment, C.W. *see* Reay, R.J. 23023
Stormer, H.L. Experimental issues with mass and wave vector of composite fermions 42157
Stormer, H.L., Kang, W., He, S., Du, R.R., Yeh, A.S., Tsui, D.C., Pfeiffer, L.N., Baldwin, K.W., West, K.W. Composite Fermions: their scattering and their spin 12470
Stormer, H.L. *see* Yacoby, A. 12385
Stormer, H.L. *see* Yacoby, A. 12512
Storoy, H., Sahlgren, B., Stubbe, R. Single polarisation fibre DFB laser 23799
Storozhev, N.R. *see* Verezub, N.A. 21219
Storr, W.R. *see* Shaukatullah, H. 10145
Storrs, M., Mehrl, D.J., Walkup, J.F. Multiport model of a liquid crystal light valve 33136
Story, B.H., Titze, I.R., Wong, D. A simplified model for simulation and transformation of speech 15021
Story, P.R., Feger, C., Galipeau, D.W. A surface acoustic wave/polymer gas sensor for use in a hybrid oscillator circuit 58874
Story, P.R. *see* Vetelino, K.A. 17294
Story, P.R. *see* Vetelino, K.A. 27481
Story, T., Arciszewska, M., Dobrowolski, W., Golacki, Z., Gorska, M., Grodzicka, E., Lusakowski, A., Dynowska, E., Witkowska, B. Magnetic properties of $Sn_{1-x}Gd_xTe$ ($0.002 \leq x \leq 0.09$) 12313
Storz, R., Seel, S., Ruoso, G., Schiller, S., Mlynek, J. Cryogenic optical resonators for laser frequency stabilization 3806
Storz, R., Seel, S., Ruoso, G., Schiller, S., Mlynek, J. Nd:YAG laser frequency stabilization to cryogenic optical cavities 24048
Storz, R. *see* Ruoso, G. 14058
Storz, W., Beling, G. Transmitting time-critical data over heterogeneous subnetworks using standardized protocols 46792
Stoschek, A., Yu, T.P.Y., Hegerl, R. Rotation-invariant and robust multiple-2D-object detection using steerable pyramid denoising and optimized circular harmonic filters 5394
Stoschek, A. *see* Yu, T.P.Y. 37589
Stosslein, U. *see* Eick, W. 28034
Stoten, D.P., Di Bernardo, M. Application of the minimal control synthesis algorithm to the control and synchronization of chaotic systems 21462
Stoten, D.P. *see* Bowes, S.R. 29721
Stott, B. *see* Momoh, J.A. 50477
Stott, I.J. *see* Sanders, D.A. 59822
Stott, R.C., Hegedus, A.S. Peach Bottom Atomic Power Station. Implementation of Improved Technical Specifications 38547
Stott, Z.T., Milnes, M., Coughlan, M., Harris, C. Use of Earth observation data in agribusiness 50229
Stottlemyer, A.R., Hassett, K.M. Open systems architecture for COTS implementation 28561
Stotts, L.B. *see* Xiaoli Yu 25636
Stotz, M., Gottwald, G., Haspeklo, H., Wenger, J. Planar single- and dual-polarized aperture coupled E-band antennas on GaAs using SiN_x-membranes 34444
Stouraitis, T. *see* Paliouras, V. 18527
Stouraitis, T. *see* Soudris, D.J. 45959
Stoustrup, J. *see* Niemann, H.H. 39885
Stout, A., Rittenberg, E. High performance uncooled hand-held thermal imager for law enforcement 48652
Stout, A. *see* Meyer, B. 17486
Stout, D.B. *see* Pellegrini, Y.-P. 45075
Stout, K.J. *see* Chan, F.M.M. 48885
Stout, R.P. *see* Billings, D. 279
Stout, R.P. *see* Zahn, B.A. 52275
Stout, T. *see* Stein, D. 2410
Stoutland, P.O. *see* Quagliano, J.R. 60087
Stovall, J. *see* Lawrence, G. 49177
Stovall, J.E., Gray, E.R., Nath, S., Takeda, H., Wood, R.L., Young, L.M., Crandall, K.R. Alignment and steering scenarios for the APT linac 49169
Stovall, J.E. *see* Garnett, R.W. 17896
Stovall, J.E. *see* Nath, S. 49168
Stovall, J.E. *see* Nath, S. 49170
Stovall, J.E. *see* Takeda, H. 49055
Stover, J. *see* Huff, H.R. 48883
Stover, J.C. Requirements and suggestions for industrial smooth surface microroughness standards 48338
Stover, J.C. *see* Church, E.L. 39894
Stover, M. *see* Barrette, T. 22939
Stover, M. *see* Gainey, T. 235
Stover, R.J. *see* Holland, S.E. 48685
Stoving, P.N. *see* Bestel, E.F. 28885
Stow, R.J. *see* Wright, P.A. 60105
Stowe, H. *see* Ghoshroy, S. 7673
Stowe, R.W. Technology of UV-cured coating, decorating, and bonding in electronics manufacturing 52190
Stowe, T.D. *see* Chui, B.W. 2862
Stowell, M.H.B., Soltis, S.M., Kisker, C., Peters, J.W., Schindelin, H., Rees, D.C., Cascio, D., Beamer, L., Hart, P.J., Wiener, M.C., Whitby, F.G. A simple device for studying macromolecular crystals under moderate gas pressures (0.1-10 MPa) 18159
Stowers, D.A. *see* Tjoelker, R.L. 27324
Stoy, S. *see* Schneider, W.J. 37005
Stoyan, D. Statistical analysis of random particles 5192
Stoyanov, N.D. *see* Popova, L.I. 48704
Stoye, P., Fuchs, G., Krabbes, G., Schatzle, P., Staiger, T., Muller, K.-H., Schultz, L., Gawalek, W., Gornert, P., Gladum, A. Melt textured YBCO: high trapped fields and superconducting magnetic bearings 32891
Stoyenko, A.D. *see* Sinha, P. 25566
Stoyka, I.M. *see* Odoulov, S.G. 4105
Stoykov, N. *see* Wetzig, T. 28361
Stracca, G.B. A simple evaluation of losses in thin microstrips 45293
Strachan, D. *see* Weinstein, B.A. 22231
Strachan, G.R., Chaudhuri, S.K. An optical correlation receiver employing phase modulated optical orthogonal codes 47929
Strachan, J. *see* Taylor, R. 50837
Strack, D. *see* Marsh, W. 53642
Strack, H. *see* Stelmaszyk, A. 23523
Strader, N.R. *see* Pixley, C. 36430
Stradford, D.P. The changing landscape of contract electronics manufacturing 20764
Stradling, R.A. *see* Artus, L. 22413
Stradling, R.A. *see* Dizhur, E.M. 22349
Stradling, R.A. *see* Nagata, K. 22251
Stradling, R.A. *see* Rahman, F. 23411
Stradtmann, R.R. *see* Lee, J.W. 22587
Straete, H.J.Van de *see* Van de Straete, H.J.
Strahle, S., Schock, K.-D., Prins, F.E., Kern, D.P. Digital pattern generator for polynomially bordered shape primitives 42872
Strahle, U. *see* Denisenko, A. 22760
Strahlen, K. Reconstructions from Doppler Radon transforms 59092
Strahlen, K. *see* Jansson, T. 49558
Strahler, A. *see* Xiaowen Li 8391
Strahler, A.H. *see* Abuelgasim, A.A. 8528
Strahler, A.H. *see* Baoxin Hu 8304
Strahler, A.H. *see* Baoxin Hu 8540
Strahler, A.H. *see* Wanner, W. 8295
Strait, E.J., Broesch, J.D., Snider, R.T., Walker, M.L. A hybrid digital-analog long pulse integrator [for tokamak application] 36382
Strait, J.C., Jenkins, W.K. Orthogonalization techniques for two-dimensional adaptive filters 15508
Straka, B. *see* Manhaeve, H. 27817
Strakhovenko, V. *see* Artru, X. 49308
Stralen, M.J.N.van *see* van Stralen, M.J.N.
Stramski, A. *see* Trytten, D.A. 8037
Strand, B. *see* Gottlieb, D. 627
Strand, O.T. Low-cost automated fiber pigtailing machine 33038
Strand, O.T. *see* Pocha, M. 20903
Strand, O.T. *see* Pocha, M.D. 33322
Strand, T., Kroposki, B., Hansen, R., Willett, D. Siemens solar CIS photovoltaic module and system performance at the National Renewable Energy Laboratory 39111
Strand, T. *see* Emery, K. 39169
Strand, T. *see* Kroposki, B. 39112
Strand, T. *see* van Dyk, E.E. 50849
Strandberg, R.H., Bustamante, L.G., Oklobdzija, V.G., Soderstrand, M.A., Le Duc, J.-C. Efficient realizations of squaring circuit and reciprocal used in adaptive sample rate notch filters 31392
Strandberg, R.H., Shenoy, K.C., Hoy, K.G., Soderstrand, M.A. VHDL descriptions of adaptive sample rate notch filters 1609
Strandberg, R.H. *see* Soderstrand, M.A. 34121
Strandjord, A.J., Scheck, D.M., Kisting, S.R., Boyd Rogers, W., Garrou, P.E., Ida, Y., Cummings, S.L. Process optimization and systems integration of a copper/photosensitive benzocyclobutene MCM-D: dielectric processing, metallization, solder bumping, device assembly, and testing 12044
Strandjord, A.J.G. *see* Ida, Y. 12036
Strandjord, L. *see* Sanders, G.A. 27610
Strandman, C., Backlund, Y. Bulk silicon holding structures for mounting of optical fibers in v-grooves 33050
Strandman, C. *see* Hedlund, C. 2333
Strandness, D.E. *see* Leotta, D.F. 28124
Strandness, D.E., Jr. *see* Beach, K.W. 28187
Strang, W.M. *see* Udren, E.A. 38417
Strang, W.M. *see* Udren, E.A. 38418
Strangas, E.G., Wagner, V.E., Unruh, T.D. Variable speed drives evaluation test 39274
Strange, K. Honeywell FLASH fiber optic motherboard evaluations 59902
Stranges, N., Findlay, R.D., Dymond, J.H. A comparison of two finite element methods for determining flux density polarization in induction motor cores 19744
Stranin, S.A. *see* Gureev, D.M. 39762
Stras, A. *see* Stras, R. 26088
Stras, R., Stras, A., Chrobot, S. Process management overhead of shared-variable and message-passing IPC models 26088
Strass, H. Mobile mass storage: DVD (digital versatile disc) 23467
Strass, H.H. Integration of computer networks in CIM systems 57842
Strass, H.H. Networked computer integrated manufacturing 57889
Strass, H.H. Space testing on solid ground 59865
Strassberg, D. Learn to live with the European EMC directive (it won't go away) 34107
Strassberg, D., Minck, J. Signal and network analysis span the spectrum from audio to light 48411
Strassburg, M. *see* Dadgar, A. 42373
Strassburg, M. *see* Kuttler, M. 2137
Strasser, G. *see* Hauser, M. 32326
Strasser, G. *see* Ploner, G. 12451
Strasser, G. *see* Rauch, C. 32018
Strasser, R. *see* Fleischmann, P. 13107
Strasser, R. *see* Pichler, Ch. 13102
Strasser, T. *see* Giles, C.R. 6725
Strasser, T. *see* Giles, R. 26698
Strasser, T.A. *see* Hansen, P.B. 6755
Strasser, T.A. *see* Hansen, P.B. 26730
Strasser, T.A. *see* Hansen, P.B. 26879
Strasser, T.A. *see* Kohnke, G.E. 23556
Stratakos, G.E., Uzunoglu, N.K. Analysis of a grid dipole array placed inside a waveguide cavity with a rectangular coupling aperture 45448
Stratan, A. *see* Dabu, R. 24155
Straten, G.Von Der *see* Von Der Straten, G.

Stratieva, N., Tzvetkova, E., Ganchev, M., Kochev, K., Tomov, I. Structural and optical properties of electrodeposited $CuInSe_2$ layers 42016
Stratigaki, L.G., Ioannidou, M.P., Chrissoulidis, D.P. Scattering from a dielectric cylinder with multiple eccentric cylindrical dielectric inclusions 14574
Stratton, F.P. *see* Kubena, R.L. 23050
Straub, D.E. *see* Bradley, E. 11233
Straub, H., Brunthaler, G., Faschinger, W., Bauer, G., Vieu, C. Strain relaxation induced red shift of photoluminescence of CdZnSe/ZnSe quantum wires 12255
Straub, H. *see* Mariette, H. 12721
Straub, S.F. *see* Kaplan, A.E. 56067
Straube, B. *see* Hulsenberg, D. 52859
Straube, W.L. *see* Moros, E.G. 18510
Strauch, G. *see* Bergunde, T. 40324
Strauss, A.M. *see* Andersen, K. 61367
Strauss, A.M. *see* Cook, G.E. 52296
Strauss, C.E.M., Rehse, S.J. Rainbow heterodyne detection 7362
Strauss, G. *see* Deschler, W. 7060
Strauss, H. Power browsing on the World Wide Web 6061
Strauss, H. *see* Sommer, M. 511
Strauss, M. *see* Abe, K. 59233
Strauss, M. *see* Shimony, Y. 3736
Strauss, M.A. *see* Lowndes, D.H. 10745
Strauss, M.A. *see* Lowndes, D.H. 21317
Strauss, M.A. *see* Rouleau, C.M. 10746
Strauss, O. Reducing the precision/uncertainty duality in the Hough transform 57472
Strauss, S.D. Nuclear fuel management 19524
Strauss, S.D. Competitive nuclear power: lessons from the US industry 29013
Strausser, Y.E., Hetherington, D.L. Atomic force microscopy enhances chemical mechanical polishing 22596
Strausser, Y.E. *see* Byungyou Hong 40606
Strausser, Y.E. *see* Joungchel Lee 40557
Straver, W.G.M. *see* Verhoeven, C.J.M. 31152
Strawa, A.W. *see* Hammer, P.D. 8398
Strawczynski, L. *see* Bontu, C.S. 47767
Strayer, H.J., Colbourn, C.J. Bounding flow-performance in probabilistic weighted networks 57709
Strayer, W.T. A class-chest for deriving transport protocols 57623
Strayer, W.T. *see* Atwood, J.W. 57627
Strazincky, J. *see* Tan, T.S. 27568
Straznicky, J. *see* Hahn, K.H. 47336
Straznicky, J. *see* Hahn, K.H. 47336
Strbac, G., Jenkins, N., Allan, R. Impact of embedded generation on distribution system costs 28975
Strbac, G. *see* Kirschen, D. 50355
Strbik, V., Chromik, S., Benacka, S., Bari, M. Anomalies in current-voltage characteristics of YBCO/PBCO/YBCO sandwich junctions 43809
Strbik, V., Chromik, S., Benacka, S., Karlovsky, K. Sandwich junctions based on c-axis oriented YBCO/PBCO/YBCO trilayers 43823
Strean, R.F., Mitchell, L.D., Barker, A.J. Global noise characteristics of a laser Doppler vibrometer. I. Theory 58690
Strean, R.F., Mitchell, L.D., Barker, A.J. Global noise characteristics of it laser Doppler vibrometer. II. Experiments using beam dynamics 59031
Streater, R. *see* Ritchie, S. 52680
Streater, R.W. *see* Micovic, M. 735
Strebel, B., Caspar, C., Foisel, H.-M., Teich, G. Cascadability measurements of optical cross connects in OFDM systems 26749
Strebel, B. *see* Keil, N. 26748
Streby, M.A., Ponnappan, P.R., Leland, J.E., Beam, J.E. Design and testing of a high speed rotating heat pipe 29257
Streck, C., Hellwich, O. Retrieval of man-made structures in Siberia with INSAR techniques using ERS-SAR data 8548
Strecker, H. *see* Baudis, L. 49327
Strecker, N. *see* Hofler, A. 12644
Strecker, N. *see* Hofler, A. 42411
Strecker, N. *see* Regli, P. 12632
Strecker, N. *see* Suzuki, K. 43068
Streckmann, G. *see* Skaggs, F. 44302
Street, A.J. *see* Broadbent, A.J. 43861
Street, A.J. *see* Broadbent, A.J. 55131
Street, A.J. *see* Broadbent, A.J. 55132
Street, A.M., Plonsey, R. Electrophysiological interaction between cardiac tissues through their extracellular space 49728
Street, A.M. *see* Koshi, V. 47634
Street, A.P. *see* Batten, L.M. 52461
Street, R. *see* Ding, J. 13465
Street, R. *see* Folks, L. 3250
Street, R. *see* McCormick, P.G. 3099
Street, R. *see* Miao, W.F. 43621
Street, R. *see* Thompson, P.J. 13425
Street, R. *see* Thompson, P.J. 13469
Street, R.A., Wu, X.D., Weisfield, R., Ready, S., Apte, R., Nguyen, M., Nylen, P. Large area amorphous silicon X-ray imagers 33228
Street, R.A. *see* Antonuk, L.E. 28253
Street, W.N., Mangasarian, O.L., Wolberg, W.H. An inductive learning approach to prognostic prediction 46343
Streete, J.L. *see* Kopp, G.A. 33143
Streeter, B.G. *see* Urnes, J.M., Sr. 59908
Streeter, J.P. *see* Quine, J.P. 45196
Streeter, J.P. *see* Quine, J.P. 48856
Streetman, B.G. *see* Anselm, K.A. 3608
Streetman, B.G. *see* Hu, C. 13836
Streetman, B.G. *see* Hui Nie 23678
Streetman, B.G. *see* Sarathy, J. 7345
Streetman, B.G. *see* Sarathy, J. 7355
Streffer, C. *see* Bocker, W. 37611
Streicher, J. *see* Jrgensen, H.E. 58480
Streicher, J. *see* Werner, C. 8462
Streicher, O. *see* Karle, A. 6828
Streiffer, S.K. *see* Werner, S. 10899
Streit, D. *see* Chen, Y.C. 53672
Streit, D. *see* Cowles, J. 41519
Streit, D. *see* Lai, R. 36117
Streit, D.C. *see* Kobayashi, K.W. 1729
Streit, D.C. *see* Kobayashi, K.W. 11718
Streit, D.C. *see* Kobayashi, K.W. 21963
Streit, D.C. *see* Kobayashi, K.W. 31526
Streit, D.C. *see* Kobayashi, K.W. 32538
Streit, D.C. *see* Kobayashi, K.W. 41494
Streit, D.C. *see* Kobayashi, K.W. 41495
Streit, D.C. *see* Kobayashi, K.W. 41512
Streit, D.C. *see* Meshkinpour, M. 43111
Streit, R. *see* Giannopoulos, E. 25244
Streit, R. *see* Rago, C. 34827
Streiter, R., Gessner, T., Wolf, H. Geometrical optimization of multilevel interconnects using Cu and low-k dielectrics 42649
Strek, W. *see* Kuzmin, A.N. 13815
Strek, W. *see* Ryabtsev, G.I. 3887
Strekalov, D.V. *see* Sergienko, A.V. 24611
Strel'chuk, A.M. *see* Lebedev, A.A. 10680
Strel'chuk, A.M. *see* Lebedev, A.A. 13797
Strelets, M. *see* Niculin, D. 39780
Strelkov, A.V. *see* Zorin, G.N. 37482
Strelkov, G.M. Radio-wave pulse propagation in the resonance absorbing atmosphere 56057
Strelkov, G.M., Santalov, N.P. On excitation of a near-surface waveguide by a high-elevation source 4255
Strelkov, V.V. *see* Platonenko, V.T. 14395
Streller, U., Krabbe, A., Schwentner, N. High efficiency in dry etching of Si for wavelengths around 120 nm 2365
Streller, U., Krabbe, A., Schwentner, N. Selectivity in dry etching of Si(100) with XeF_2 and VUV light 2394
Streltsov, A. *see* Dubenkov, V. 18057
Strenz, R. *see* Abstreiter, G. 12448
Streubel, K. *see* Babic, D.I. 24003
Streubel, K. *see* Blixt, P. 6730
Streubel, K. *see* Hawkins, A.R. 7366
Streubel, K. *see* Hawkins, A.R. 27570
Streubel, K. *see* Hjort, K. 44196
Streubel, K. *see* Margalit, N.M. 44572
Streubel, P. *see* Wolter, K.-J. 20916
Stricht, W.Van der *see* Van der Stricht, W.
Stricht, Y.Van Der *see* Van Der Stricht, Y.
Strick, L., Wittig, M., Paschke, S., Meinkohn, J. Development of IBC service management services 35625
Strickberg, S.A. *see* Kluiwstra, J.-U. 28418
Stricker, A., Gloor, D., Fichtner, W. Layout optimization of an ESD-protection n-MOSFET by simulation and measurement 32396
Stricker, J., Censor, Y., Zakharin, B. Inhomogeneous turbulent field diagnostics by distance-dependent tomographic reconstruction techniques 15959
Stricker, M., Leonardis, A. From edgels to parametric curves 15715
Strickland, L., Visser, J. Removing Type A restrictions [intelligent networks] 26305
Strickland, R. Use RMS detection and shaped probes for RF emission tests 58966
Strickland, R.N., He Il Hahn Wavelet transform methods for object detection and recovery 57183
Strickland, R.N., Hutton, D.A. Channelized detection filters 25728
Stricklett, K.L. *see* von Glahn, P. 9316
Strid, E. *see* Basu, S. 17757
Strieder, F. *see* Campajola, L. 7751
Strifas, N., Yalamanchili, P., Christou, A. Thermal analysis modeling and investigation of die attach void on MMIC surface temperature 1734
Striganov, S.I. *see* Mokhov, N.V. 17940
Strijbos, R.C., Muravjov, A.V., Blok, J.H., Hovenier, J.N., Lok, J.G.S., Pavlov, S.G., Schouten, R.N., Shastin, V.N., Wenckebach, W.T. Electrically controlled gain modulation for active mode locking of far-infrared p-Ge hot hole lasers 44587
Strikha, V.I. *see* Skryshevsky, V.A. 39011
Strikovskiy, M.D., Engelhardt, A. Ramp-type $YBa_2Cu_3O_{7-\delta}$ Josephson junctions with high characteristic voltage, fabricated by a new, completely in situ, growth technique 13477
Strikwerda, T.E., Fisher, H.L. Analysis of the NEAR star tracker flight data 59892
Stringfellow, B. *see* Wieman, H. 59275
Stringfellow, G.B. *see* Chun, Y.S. 40355
Stringfellow, G.B. *see* I-Hsiu Ho 2003
Stringfellow, G.B. *see* Murata, H. 40350
Stringfellow, G.B. *see* Murata, H. 54073
Stringham, B. Cable and harness testing–from the supplier perspective 53721
Strintzis, M. *see* Diamantaras, K.I. 49631
Strintzis, M. *see* Maglaveras, N. 49837
Strintzis, M. *see* Stalidis, G. 37737
Strintzis, M.G., Tzovaras, D. Optimal hierarchical decompositions for signals coded using Lloyd-Max quantizers 46362
Strintzis, M.G., Tzovaras, D. Optimal subband coding with Lloyd-Max quantization 56948
Strintzis, M.G., Tzovaras, D., Sevidikidis, T., Gioumousia, H. Optimal hierarchical coding of quantized images 56796
Strintzis, M.G. *see* Efstratiadis, S.N. 56754
Strintzis, M.G. *see* Grammalidis, N. 15592
Strintzis, M.G. *see* Grammalidis, N. 57244
Strintzis, M.G. *see* Haris, K. 49442
Strintzis, M.G. *see* Malassiotis, S. 25548
Strintzis, M.G. *see* Malassiotis, S. 35170
Strintzis, M.G. *see* Saflekos, A. 15623
Strintzis, M.G. *see* Saflekos, A. 28070
Strintzis, M.G. *see* Saflekos, A. 49477
Strintzis, M.G. *see* Sahinoglou, H. 18223
Strintzis, M.G. *see* Tzovaras, D. 46363
Strintzis, M.G. *see* Tzovaras, D. 46454
Strintzis, M.G. *see* Tzovaras, D. 56634
Strintzis, M.G. *see* Tzovaras, D. 56683
Strintzis, M.G. *see* Tzovaras, D. 57460
Stritar, A. *see* Mavko, B. 38477
Stritt, N., Jolie, J., Maser, H., Pitz, H.H. A MeV tunable gamma-ray source by Compton scattering 37534
Stritter, R. *see* Pfadler, H. 50712
Strittmatter, A. *see* Kollakowski, S. 48543
Stritzke, T. *see* Gottschalk, H. 20272
Stritzker, B. *see* Ensinger, W. 10886
Stritzker, B. *see* Geier, S. 40430
Stritzker, B. *see* Geier, S. 40437
Stritzker, B. *see* Lindner, J.K.N. 12703
Stritzker, B. *see* Lindner, J.K.N. 21333
Stritzker, B. *see* Preckwinkel, U. 31755
Stritzker, B. *see* Schreck, M. 40403
Stritzker, B. *see* Volz, K. 31935
Strizhakova, N.G. *see* Maletin, Y.A. 9470
Strobach, P. Low-rank adaptive filters 15331
Strobach, P. Bi-iteration SVD subspace tracking algorithms 56568
Strobel, F.de *see* de Strobel, F.
Strobel, J. *see* Weilhammer, P. 37381
Strobel, M., Reiss, S., Heinig, K.-H. Evolution of nanocluster ensembles: computer simulation of diffusion and reaction controlled Ostwald ripening 31758
Strobel, N. *see* Ramponi, G. 5247
Strobel, P. *see* Le Cras, F. 29569
Strobel, V.A. *see* Stroev, V.A. 60260
Strobl, G. *see* Bourgoin, J.C. 37987
Strobl, P. Image correction and data quality control for the Modular Optoelectronic Multispectral/Stereo Scanner MOMS 02 18800
Strobl, P., Richter, R., Lehmann, F., Mueller, A., Zhukov, B., Oertel, D. Preprocessing for the Digital Airborne Imaging Spectrometer DAIS 7915 18799
Strobl, P. *see* Zhukov, B. 8379
Strobl, P. *see* Zhukov, B. 15776
Strocov, V.N. Electrostatic ray-tracing calculations in VLEED 14534
Strodl, K. *see* Benz, U. 16877
Stroehmer, R. *see* Antos, J. 37373
Stroele, A.P. Arithmetic pattern generators for built-in self-test 1242
Stroem, V. *see* Varga, L.K. 23294
Stroem-Olsen, J.O. *see* Ciureanu, P. 3153
Stroem-Olsen, J.O. *see* Rudkowski, P. 23313
Stroev, V.A., Strobel, V.A., Syromyatnikov, S.Yu., Beim, R.S., Malik, O.P., Hancock, G.C. Investigation of the effectiveness of digital excitation regulator on power system physical model 60260
Stroganova, S.V. *see* Vasilevskiy, M.I. 52710
Strohkendl, F.P., Dalton, L.R., Hellwarth, R.W., Sarkas, H.W., Kafafi, Z.H. Phase-mismatched degenerate four-wave mixing: complex third-order susceptibility tensor elements of C_{60} at 768 nm 33636
Strohman, C. *see* Wurthwein, F. 59342
Strohman, C.R. *see* Rogers, J.T. 49250
Strohmer, T. Computationally attractive reconstruction of bandlimited images from irregular samples 46253
Strohmer, T., Binder, T., Sussner, M. How to recover smooth object boundaries in noisy medical images 59437
Strohmer, T. *see* Kozek, W. 25059
Strohrmann, M. *see* Both, A. 54832
Stroili, R. *see* Arisaka, K. 37239
Stroili, R. *see* Arisaka, K. 37460
Stroiteleva, N.I. *see* Tkachenko, N.N. 12200
Strojnik, P. *see* Troyk, P.R. 18532
Strojwas, A.J., Quarantelli, M., Borel, J., Guardiani, C., Nicollini, G., Crisenza, G., Franzini, B., Wiart, J. Manufacturability of low power CMOS technology solutions 13139
Strojwas, A.J. *see* Elias, A. 39890
Strojwas, A.J. *see* Lucas, K.D. 2550
Strojwas, A.J. *see* Lucas, K.D. 13106
Strojwas, A.J. *see* Nurani, R.K. 343
Strojwas, A.J. *see* Rao, S. 2776
Strojwas, A.J. *see* Sivaraman, M. 10037
Strojwas, A.J. *see* Sivaraman, M. 53219
Strokach, A.P. *see* Svistunov, Yu.A. 49215
Strokan, N.B. *see* Il'yashenko, I.N. 37415
Strokov, A.Yu. *see* Lipskii, V. 3692
Strollo, A.G.M. A new SPICE model of power P-I-N diode based on asymptotic waveform evaluation 21482
Strollo, A.G.M. *see* Bellone, S. 41878
Strollo, A.G.M. *see* Persiano, G.V. 40888

Strollo, A.G.M. *see* Persiano, G.V. 40889
Strom, E.G. *see* Dunmin Zheng 26483
Strom, S. *see* Sailing He 4270
Strom, T. *see* Arntsen, O. 28435
Strom, V. *see* Kim, K.S. 3041
Strom-Olsen, J.O. *see* Chen, X. 3244
Strom-Olsen, J.O. *see* Jun Yang 43623
Stromberg, A.J. *see* Netanyahu, N.S. 5371
Stroming, J.W. *see* Huang, T.S. 5255
Stromsmoe, K.A. *see* Nyarko, D.J. 15169
Stromswold, D.C. *see* Reeder, P.L. 59097
Stronach, A.F. *see* Du, T. 61123
Stronach, A.F. *see* Vas, P. 61196
Stronach, A.F. *see* Vas, P. 61209
Strong, B. *see* Appel, A. 2814
Strong, D.T.G. Home automation: the implications and opportunities for electricity utilities 8820
Strong, S.J. World overview of building-integrated photovoltaics 38649
Strong, S.J. *see* Wills, R.H. 39162
Stroobandt, D., Van Campenhout, J. Hierarchical test generation with built-in fault diagnosis 53120
Stroom, J.C., Storchi, P.R.M. Automatic calculation of three-dimensional margins around treatment volumes in radiotherapy planning 59772
Stroot, C., Fetthauer, F., Bryngdahl, O. Quantization of real-valued distributions by error diffusion with complex weights 25552
Stroot, C. *see* Fetthauer, F. 44770
Strop, J. *see* Buchner, P. 9371
Strope, B., Alwan, A. A model of dynamic auditory perception and its application to robust speech recognition 15121
Stroppiana, M. *see* Barbero, M. 27128
Stroscio, M.A. Interface-phonon-assisted transitions in quantum-well lasers 3858
Strosnider, J.K. *see* Sha, L. 26091
Stroth, G. *see* Broecker, C. 45557
Stroth, J. *see* Schicker, R. 18140
Stroud, C., Lee, E., Konala, S., Abramovici, M. Selecting built-in self-test configurations for field programmable gate arrays 31273
Stroud, C., Lee, E., Konala, S., Abramovici, M. Using ILA testing for BIST in FPGAs 41035
Stroud, C. *see* Tungate, S. 40777
Stroud, C.E., Damarla, T.R. Efficient error bit identification from failing signatures 11252
Stroud, C.E., Ping He, Damarla, T.R. Register size vs. fault coverage in modified circular built-in self-test 31164
Stroud, C.E. *see* Damarla, T.R. 11394
Stroud, C.E. *see* Raju Damarla, T. 1215
Strouse, G.F. *see* Mangum, B.W. 27206
Strouse, K. Dollar signs [Telecommunications service pricing] 46893
Strozzi, T., Wiesmann, A., Matzler, C. Active microwave signatures of snow covers at 5.3 and 35 GHz 60074
Struble, W., McGrath, F., Harrington, K., Nagle, P., Rand, S. Understanding linearity in wireless communication amplifiers 40929
Struck, N. The right high-voltage motor for every output range 9164
Struder, L. *see* Castoldi, A. 28017
Struder, L. *see* Fasoli, L. 59306
Strueder, L. *see* Gauthier, C. 59190
Struijk, J.J. *see* Koole, P. 49793
Strumer, I. *see* Fernow, R.C. 17931
Strumia, F. *see* Del Gobbo, G. 3685
Strumia, F. *see* Ruffini, A. 31693
Strumpf, H.J., Trinh, T. On-orbit performance prediction of the heat receiver for the US/Russia solar dynamic power flight experiment 18716
Strumpler, R. Polymer composite thermistors for temperature and current sensors 7266
Strumpler, R. Polymer composites for temperature and current sensors 17288
Strumpler, R. *see* Glatz-Reichenbach, J. 943
Strumskis, M. *see* Kurilcik, G. 12234
Strunk, C. *see* Bruynseraede, Y. 32920
Strunk, H.P., Christiansen, S., Albrecht, M. Misfit dislocations and elastic relaxation 718
Strunk, H.P. *see* Albrecht, M. 10778
Strunk, H.P. *see* Albrecht, M. 40303
Strunk, H.P. *see* Aldabergenova, S.B. 10910
Strunk, H.P. *see* Bergmann, R.B. 39084
Strunk, H.P. *see* Bergmann, R.B. 40589
Strunk, H.P. *see* Dorsch, W. 10912
Strunk, H.P. *see* Krinke, J. 31800
Strunk, H.P. *see* Lyakas, M. 42061
Strunk, H.P. *see* Steiner, B. 10811
Strunk, H.P. *see* Steiner, B. 30843
Strunk, H.P. *see* Voight, A. 20040
Strunk, H.P. *see* Voigt, A. 10772
Strunk, H.P. *see* Voigt, A. 39022
Strupczewski, A. *see* Jankowski, M.W. 29030
Strupinski, W., Czub, M., Wojcik, M., Gaca, J., Sass, J., Surma, B. MOCVD technology of thin III-V compounds heterostructures 693
Strupinski, W. *see* Dobrzanski, L. 2702
Strupinski, W. *see* Malag, A. 3817
Strupinski, W. *see* Malag, A. 44554
Struthers, A.A. *see* Ibragimov, E. 14381
Struthers-Watson, K. Bridging the generation gap [GSM evolution] 47616
Strutz, T., Muller, E. Wavelet filter design for image compression 35365
Struve, K. *see* Sanford, T.W.L. 7753
Struve, K.W. *see* Spielman, R.B. 37566
Struzak, R. Key issues in spectrum management 58524
Stryckman, D., Rousseau, G., D'Auteuil, M., McCarthy, N. Improvement of the lateral-mode discrimination of broad-area diode lasers with a profiled reflectivity output facet 3807
Stryland, E.W.Van *see* Van Stryland, E.W.
Strzelecka, E. *see* Thibeault, B.J. 23902
Strzelecka, E.M., Robinson, G.D., Coldren, L.A., Hu, E.L. Fabrication of refractive microlenses in semiconductors by mask shape transfer in reactive ion etching 44157
Strzelecka, E.M., Wipiejewski, T., Ko, J., Thibeault, B.J., Coldren, L.A. Multiple-wavelength MBE-regrown vertical-cavity laser arrays integrated with refractive microlenses for optical interconnections 55612
Strzelecki, M., Materka, A. Parameter estimation of Markov random field model of image textures 5481
Strzelecki, M. *see* Materka, A. 21825
Strzelecki, R., Benysek, G., Frackowiak, L. Dynamic properties of hybrid filters in regenerative braking thyristor systems 9680
Strzelecki, R., Fedyczak, Z. Three-phase PWM AC power controller with (3+3) unilateral switches 60881
Strzelecki, R., Fedyczak, Z., Kasperek, R. Design and tests of a three-phase PWM AC power controller with two transistorized switches 9383
Strzelecki, R., Frackowiak, L., Zyborski, J., Benysek, G. Section hybrid filter for current harmonics in a test stand to regenerative braking of internal combustion locomotives 51777
Strzelecki, R. *see* Kurowski, T. 8749
Strzeszewski, B. *see* Guzinski, A. 1571
Strzeszewski, B. *see* Wawryn, K. 1662
Stuart, B. *see* Christie, B. 38531
Stuart, B.C., Perry, M.D., Miller, J., Tietbohl, G., Herman, S., Britten, J.A., Brown, C., Pennington, D., Yanovsky, V., Wharton, K. 125-TW Ti:sapphire/Nd:glass laser system 44427
Stuart, B.C. *see* Everett, M.J. 7645
Stuart, B.C. *see* Perry, M.D. 14509
Stuart, B.C. *see* Zweiback, J. 14077
Stuart, D. *see* Azzi, P. 37390
Stuart, H.R., Hall, D.G. Absorption enhancement in silicon waveguides using metal island films 33090
Stuart, J. Expert witnesses – forensic engineers 21010
Stuart, J. *see* Fields, D.E. 59301
Stuart, J.A., Tallent, J.R., Tan, E.H.L., Birge, R.R. Protein-based volumetric memories 3342
Stuart, J.A. *see* Tsihrintzis, V.A. 20480
Stuart, M. *see* Fawley, W.M. 59154
Stuart, R. *see* Mirchandani, C. 6043
Stuart, T. *see* Gottwald, T. 29788
Stuart, T. *see* Gottwald, T. 39289
Stubb, H. *see* Bolognesi, A. 55447
Stubb, H. *see* Pal, A.J. 33298
Stubb, H. *see* Pal, A.J. 33307
Stubb, H. *see* Pal, A.J. 44291
Stubbe, P. *see* Costa, E. 34057
Stubbe, R. *see* Storoy, H. 23799
Stubbers, R.A. *see* Miley, G.H. 22138
Stubberud, A.R. *see* Reddy, H.C. 4694
Stubberud, P.A. 2-D linear phase frequency sampling filters and 2-D linear phase frequency sampling filters with fourfold symmetry 1583
Stubberud, P.A. A computationally efficient technique for designing frequency sampling filters 21810
Stubberud, P.A., Kanai, J., Kalluri, V. Improving optical character recognition accuracy using adaptive image restoration 5249
Stubberud, S.C., Lobbia, R.N., Owen, M. Adaptive state estimation using artificial neural networks 15234
Stubbs, C. *see* Diercks, A. 17518
Stubbs, D.A., Dutton, R.E. An ultrasonic sensor for high-temperature materials processing 20983
Stubbs, J.B. *see* Mozley, P.D. 37908
Stubbs, M.G. *see* Guetre, E.R. 11730
Stubbs, M.G. *see* Laneve, T. 53627
Stuber, G.L. *see* Li-Chun Wang 6549
Stuber, G.L. *see* Lihbor Yiin 6563
Stuber, G.L. *see* Ming-Ju Ho 47734
Stuber, G.L. *see* Narayanan, K.R. 45570
Stubkjaer, K. *see* Masetti, F. 26444
Stubkjaer, K.E. *see* Danielsen, S.L. 36098
Stubkjaer, K.E. *see* Mikkelsen, B. 26895
Stublen, A.P., Wellman, C.M., Kell, S.A., Langston, T.W. Justifying and planning an energy monitoring system 38444
Stuby, R. Use add/pass-shift multipliers for FPGA-based FIR filters 1578
Stucchi, E. *see* Bartels, H. 55780
Stucchi, E. *see* Galletti, E. 48127
Stuchbery, A.E., Weisser, D.C. Beam optics design for the ANU linear booster accelerator 49149
Stuchinska, N.V. *see* Baidakov, V.V. 22199
Stuchly, M.A. *see* Dawson, T.W. 24361
Stuchly, M.A. *see* Dawson, T.W. 28455
Stuchly, M.A. *see* Dawson, T.W. 55969
Stuchly, M.A. *see* De Moerloose, J. 55956
Stuchly, M.A. *see* Okoniewaki, M. 52586
Stuchly, M.A. *see* Okoniewski, M. 24544
Stuchly, M.A. *see* Okoniewski, M. 37897
Stuchly, M.A. *see* Okoniewski, M. 41387
Stuchly, S.S. *see* Ali, M. 34310
Stuckey, M. *see* Lyle, R.P. 27741
Stuckings, M. *see* Cuevas, A. 41816
Stuckings, M. *see* Sinton, R.A. 39204
Stucky, U. *see* Scherer, K.P. 32585
Stuczynski, M.A. *see* Liu, C.-C. 27514
Studart, N. *see* Guo-Qiang Hai 2145
Studart, N. *see* Guo-Qiang Hai 54187
Studebaker, D.B., Stauf, G.T., Baum, T.H., Marks, T.J., Zhou, H., Wong, G.K. Second harmonic generation from beta barium borate (β-Ba_2O_4) thin films grown by metalorganic chemical vapor deposition 33701
Studenikin, K.A. *see* Ovsyuk, V.N. 17374
Studenikin, P.A. *see* Mikhailov, V.A. 44402
Studenikin, S.A. *see* Borodowskii, P.A. 31838
Studenikin, S.A. *see* Buldygin, A.F. 33234
Studenikin, S.A. *see* Kostyuchenko, V.Ya. 33235
Studenikin, S.A. *see* Ovsyuk, V.N. 17376
Studenikin, S.A. *see* Ovsyuk, V.N. 36562
Studenikin, S.A. *see* Panaev, I.A. 12279
Studenkov, A. *see* Drobyshevski, E. 33892
Studenkov, P. *see* Xu, L. 55693
Studenmund, W.R., Fishman, I.M., Kino, G.S., Giapintzakis, J. Experimental determination of the absolute temperature modulation in photothermal microscopy of $Y_1Ba_2Cu_3O_7$ crystals 36949
Studenny, J. *see* Lee, Y. 48170
Studenyak, I.P. *see* Kranjcec, M. 33167
Studer, B., Zingg, W., Piazza, S.D. Characteristics of high frequency fundamental rectangular quartz crystal resonators 23264
Studer, B. *see* Thornell, G. 13251
Studer, J.A., Ha, T.T., Borchardt, R. A time domain analysis of direct detection dense WDM networks with OOK modulation 26686
Studholme, C., Hill, D.L.G., Hawkes, D.J. Automated three-dimensional registration of magnetic resonance and positron emission tomography brain images by multiresolution optimization of voxel similarity measures 28255
Studholme, C., Little, J.A., Penny, G.P., Hill, D.L.G., Hawkes, D.J. Automated multimodality registration using the full affine transformation: application to MR and CT guided skull base surgery 18401
Studzinski, A.P. *see* Wagnieres, G.A. 37682
Stueber, T.J., Hammoud, A., McCall, D. Comparison of arc tracking tests in various aerospace environments 8273
Stuempflen, V. *see* Schaefer, O. 33292
Stugaard, M. *see* Greenberg, N.L. 37689
Stuhler, J. *see* Drodofsky, U. 42860
Stuhlmiller, G.L. *see* Parsi, K. 3208
Stuhlmuller, K. *see* Girod, B. 5145
Stuhr, F. *see* Freeman, A. 27011
Stuhr, F.V. *see* Jordan, R.L. 50025
Stuivinga, M. *see* Jak, M.J.G. 21377
Stukalov, V. *see* Reisman, A. 29008
Stulen, R.H. *see* Descour, M.R. 14451
Stulen, R.H. *see* Fields, C.H. 22725
Stulen, R.H. *see* Nguyen, K.B. 32401
Stull, J.K. *see* Bernstein, B.B. 50222
Stuller, J.A. A two-dimensional image model based on occlusion and maximum entropy 5559
Stuller, J.A., Hubing, N. Maximum-likelihood time delay estimation: a new perspective 4893
Stuller, J.A., Hubing, N. New perspectives for maximum-likelihood parameter and time delay estimation using two channels 25203
Stuller, J.A., Hubing, N. New perspectives for maximum likelihood time-delay estimation 45735
Stuller, J.A. *see* Naseri, H. 25364
Stultz, R.D., Camargo, M.B., Birnbaum, M. Travelling wave model for a resonator containing a saturable absorber 3926
Stulz, L. *see* Giles, C.R. 6725
Stulz, L. *see* Giles, R. 26698
Stulz, L.W. *see* Doerr, C.R. 14150
Stulz, L.W. *see* Doerr, C.R. 26703
Stulz, L.W. *see* Zirngibl, M. 24025
Stumberger, G., Pihler, J., Grcar, B., Dolinar, D. Transformer protection based on the new theoretical background and with improved inrush recognition 60827
Stumberger, G. *see* Cafuta, P. 20111
Stumer, I. *see* Palmer, R.B. 17924
Stumer, I. *see* Palmer, R.B. 17966
Stumm, M. *see* Elliott, D. 41240
Stumm, P., Drabold, D.A., Fedders, P.A. Defects, doping, and conduction mechanisms in nitrogen-doped tetrahedral amorphous carbon 31760
Stump, M.D. *see* Spencer, T.A. 12110
Stump, M.D. *see* Spencer, T.A. 54001
Stumpel, J. *see* Martin, J. 27199
Stumper, U. Comparison of rf power meters using two air-line impedance standards 27285
Stumper, U. Correction of the RF complex reflection coefficient using air-line impedance standards of arbitrary phase shift 27869
Stumpf, C. *see* Yu, C.C. 47438
Stumpf, C. *see* Yu, C.C. 47439
Stumpf, M.J. *see* Links, J.M. 7887
Stupakiewicz, A. *see* Kisielewski, M. 3174
Stupakov, G. *see* Decker, F.-J. 37121
Stupakov, G. *see* Heifets, S. 49221
Stupakov, G.V. Geometrical wake of a smooth taper 18055
Stupakov, G.V. A fast beam-ion instability 49233

Stupfel, B. Numerical implementation of second- and third-order conformal absorbing boundary conditions for the vector-wave equation 45041
Stupp, E. Projection displays take off 7496
Stupp, G.B., Lehnus, D.S. Program risk reduction through HWIL GPS/INS testing: an example 28526
Stupp, S.E., Stek, A. An experimental test of the static approximation for the recording process in magnetic media 23369
Stur, M. *see* Radner, W. 8178
Sturesson, C., Andersson-Engels, S. Tissue temperature control using a water-cooled applicator: implications for transurethral laser-induced thermotherapy of benign prostatic hyperplasia 37869
Sturge, M.D. *see* Steer, M.J. 32010
Sturgeon, T. *see* Fox, S. 20763
Sturges, R.E. *see* Carlsten, B.E. 17986
Sturgess, J.P. *see* Preston, T.W. 60658
Sturgess, K., Happ, L., Kurtz, J., Collins, M. Results of a remote sensing experiment using a low frequency ultra-wideband SAR to investigate the phenomenology of landmines 8694
Sturm, A. *see* Eggers, H. 29196
Sturm, H., Stark, W., Bovtoum, V., Schulz, E. Methods for simultaneous measurements of topography and local electrical properties using scanning force microscopy 58980
Sturm, J. *see* Lelkes, A. 39282
Sturm, J.C. *see* Chang, C.L. 42063
Sturm, J.C. *see* Chang, C.L. 42097
Sturm, J.C. *see* Donaton, R.A. 40388
Sturm, J.C. *see* Lanzerotti, L.D. 42962
Sturm, J.C. *see* Madhavi, S. 2723
Sturm, J.C. *see* Pangal, K. 7317
Sturm, J.C. *see* Wu, C.C. 3642
Sturm, J.C. *see* Wu, C.C. 42487
Sturm, J.C. *see* Wu, C.C. 48797
Sturm, J.C. *see* Xu, H. 22497
Sturm, J.M. *see* West, J.C. 18887
Sturm, J.M. *see* West, J.C. 34031
Sturm, V., Sattmann, R., Noll, R. Optical fiber transmission of multiple Q-switch Nd:YAG laser pulses with microsecond interpulse separations 3375
Sturm, W. *see* Urbansky, R. 35427
Sturman, B.I., Aguilar, M., Agullo-Lopez, F. Analysis of space-charge wave effects in GaAs:EL2 22252
Sturman, B.I., Odulov, S.G., Novikov, A.D., Jullien, P. Energy exchange in shifted difference gratings in $BaTiO_3$ 3310
Sturman, B.I. *see* Goul'kov, M.Yu. 14310
Sturmann, J. *see* Tolk, N.H. 2392
Sturml, J.C. *see* Cheng, E. 12947
Sturni, L. A novel positive-acting photochemistry for advanced photoresist applications 11978
Sturrock, I. *see* Hicks, S.E. 42494
Sturrus, R.A., Levelt, W.G. IN test and simulation tool 26299
Sturtevant, J. *see* Pellegrini, J. 42801
Sturz, H. *see* Stahl, U. 16158
Sturza, M.A. LEOs–the communications satellites of the 21st century 47844
Sturzebecher, E., Cebulla, M. Objective detection of auditory evoked potentials. Comparison of several statistical tests in the frequency domain on the basis of near-threshold ABR data 59565
Sturzenbecker, M.C. *see* Chou, P.B. 39876
Stus, N.M. *see* Zotova, N.V. 44465
Stussi, E. *see* De Rossi, D. 58890
Stutman, D., Menard, J., Hwang, Y.S., Choe, W., Ono, M., Finkenthal, M., Soukhanovskii, V., May, M.J., Regan, S.P., Moos, H.W. Line emission tomography for CDX-U using filtered diodes 36666
Stutt, M. *see* Weeber, K. 38677
Stuttgen, T. *see* Lasser, D. 10425
Stutz, C.E. *see* Kono, J. 32041
Stutz, C.E. *see* Lareau, R.T. 12333
Stutz, J., Platt, U. Improving long-path differential optical absorption spectroscopy with a quartz-fiber mode mixer 50038
Stutzki, J. *see* Michael, E. 13947
Stutzman, W.L. *see* LaPean, J.W., Jr. 34402
Stutzman, W.L. *see* Terada, M.A.B. 24610
Stutzmann, M. *see* Ambacher, O. 10776
Stutzmann, M. *see* Ambacher, O. 21282
Stutzmann, M. *see* Ambacher, O. 40451
Stutzmann, M. *see* Ambacher, O. 41956
Stutzmann, M. *see* Bayerl, M.W. 55451
Stutzmann, M. *see* Brandt, M.S. 13880
Stutzmann, M. *see* De Mierry, P. 41913
Stutzmann, M. *see* Kawachi, G. 2617
Stutzmann, M. *see* Kawachi, G. 32408
Stutzmann, M. *see* Kelly, M.K. 41955
Stutzmann, M. *see* Nebel, C.E. 12304
Styblikova, R. *see* Draxler, K. 3230
Styer, D. *see* Pace, P.E. 56562
Stygar, W.A. *see* Mazarakis, M.G. 37078
Stygar, W.A. *see* Mazarakis, M.G. 37152
Styles, G. *see* Longanbach, J. 38617
Styles, P. *see* Bastin, M.E. 49495
Styles, P. *see* Cowie, A.G. 49494
Styliadou, M. Applying EC competition law to alliances in the telecommunications sector 46859
Stylianopoulos, N.S. *see* Karageorghis, A. 10544
Stynes, M. *see* Roos, H.-G. 614
Stynes, M. *see* Wen Guo 40268
Stynes, M. *see* Wen Guo 40286
Styring, P. *see* Robinson, W.K. 44108
Styring, P. *see* Tantrawong, S. 44088
Su, A., Ta-Yung Liu, Yu-Chin Hsu, Lee, M.T.-C. Eliminating false loops caused by sharing in control path 1084
Su, B. *see* Dusa, M. 2465
Su, C.-C. *see* Jou, S.-J. 40819
Su, C.-H. *see* Chen, K.-T. 12619
Su, C.-H. *see* Sha, Y.-G. 30730
Su, C.-Y., Stepanenko, Y. Integrator backstepping based hybrid adaptive control of robotic manipulators driven by brushless DC motors 38934
Su, C.C. *see* Yin, S.C. 7074
Su, C.D. *see* Wang, L.A. 13609
Su, D. *see* Chang, Y. 46605
Su, D. *see* Chang, Y. 46636
Su, D. *see* Golmie, N. 17083
Su, D. *see* Loher, T. 747
Su, D.Wen-Feng *see* Wen-Feng Su, D.
Su, H., Dawkes, H., Tweedie, L., Spence, R. An interactive visualisation tool for analog design 11063
Su, J., Hu, A.Q., He, Z.Y. Stability analysis of analogue neural networks 41379
Su, J. *see* Dost, S. 10784
Su, J. *see* Luderman, B.L. 11451
Su, J. *see* Slater, R. 25478
Su, J.K., Mersereau, R.M. Coding using Gaussian mixture and generalized Gaussian models 56761
Su, J.Y. *see* Chuang, Z.M. 3827
Su, J.Y. *see* Chuang, Z.M. 23919
Su, K.W., Kuo, J.B. Analytical current conduction model for accumulation-mode SOI PMOS devices 12975
Su, L., Subbanna, S., Crabbe, E., Agnello, P., Nowak, E., Schulz, R., Rauch, S., Ng, H., Newman, T., Ray, A., Hargrove, M., Acovic, A., Snare, J., Crowder, S., Chen, B., Sun, J., Davari, B. A high-performance 0.08 μm CMOS 2793
Su, L. *see* Niu, W. 36744
Su, L. *see* Subbanna, S. 41161
Su, L.P. *see* Bosco, C.D. 38190
Su, P. *see* Kirstein, P.T. 6237
Su, Q., Vaillancourt, G.H. Computer-based multiterminal partial discharge measurements of transformers 9314
Su, S.-L., Chen, J.-Y., Huang, J.-H. Performance analysis of soft handoff in CDMA cellular networks 16590
Su, S.F. *see* Campos, L.A. 17087
Su, S.H., Chen, S.X., Yokoyama, M., Su, Y.K. The study of crystallinity of ZnS:TbOF thin films and green thin-film electroluminescent devices with different stacked insulating layers 55440
Su, S.H., Tsai, P.R., Yokoyama, M., Su, Y.K. Use of di-π-cyclopentadienyl manganese as a dopant source for ZnS in metallorganic chemical vapor deposition 40526
Su, T., Choi, P.S., Chang, R.D., Kwong, D.L. Modeling of high dose implanted boron diffusion during rapid thermal annealing 42413
Su, T. *see* Choi, P.S. 42367
Su, T.B. *see* Yang, K.H. 19532
Su, T.Y. *see* Guo, R. 1477
Su, W. A novel method for aging estimation of crystal oscillators 13375
Su, W. *see* Breternitz, M. 1463
Su, W. *see* Riad, S. 12045
Su, X.-Y. Phase unwrapping techniques for 3-D shape measurement 58981
Su, Y., Kuang, G., Guo, S., Lu, Z. Ultra-wideband radar signal detection, estimation and experiment 26946
Su, Y.K., Chen, S.M., Yu, C.F. Normal incidence interband and intersubband optical transitions in GaSb-InAs superlattices 48523
Su, Y.K., Liaw, U.H., Tai-Ping Sun, Gin-Shiang Chen Origins of 1/f noise in indium antimonide photodiodes 44239
Su, Y.K. *see* Chang, S.J. 23700
Su, Y.K. *see* Juang, F.S. 42125
Su, Y.K. *see* Li, W.L. 33566
Su, Y.K. *see* Lin, C.T. 27576
Su, Y.K. *see* Su, S.H. 40526
Su, Y.K. *see* Su, S.H. 55440
Su, Y.K. *see* Wang, C.W. 44270
Su, Y.K. *see* Wang, C.W. 44271
Su, Y.T. *see* Fang-Biau Ueng 46543
Su Chanchin *see* Chanchin Su
Su Chang In *see* In Su Chang
Su Chao *see* Chao Su
Su Chao-Shin *see* Chao-Shin Su
Su Chao-Ton *see* Chao-Ton Su
Su Chau-Chin *see* Chau-Chin Su
Su Chauchin *see* Chauchin Su
Su Chen Bo *see* Bo Su Chen
Su Chi-An *see* Chi-An Su
Su Ching-Chuan *see* Ching-Chuan Su
Su Ching-Hua *see* Ching-Hua Su
Su Ching-Liang *see* Ching-Liang Su
Su Ching-Long *see* Ching-Long Su
Su Chinghua, Sha Yigao, Mazuruk, K., Lehoczky, S.L., Liu Haochieh, Fang Rei, Brebrick, R.F. Mass flux and partial pressures of ZnSe by physical vapor transport 10652
Su Cho Min *see* Min Su Cho
Su Der-Chin *see* Der-Chin Su
Su Dong *see* Abe, K. 59233
Su Fong-Chin *see* Fong-Chin Su
Su Genbo *see* He Youping 13536
Su Genbo *see* He Youping 13537
Su Genbo *see* Li Zhengdong 30728
Su Genbo *see* Genbo Su
Su Haiping *see* Haiping Su
Su Hong-Jun *see* Hong-Jun Su
Su Hongbo, Yin Xianggen, Chen Deshu A microcomputer based adaptive generator protection for stator ground fault 50896
Su Hsiao-Pin *see* Hsiao-Pin Su
Su Hsin-Cheng *see* Hsin-Cheng Su
Su Hua *see* Hua Su
Su Hua-Tsung *see* Yang Chen-Kuang 50535
Su Jae Lee *see* Byung Gyu Chae 23176
Su Jae Lee *see* Yong Suk Yang 23177
Su Jae Lee *see* Yong Suk Yang 43586
Su Jan-Shing *see* Jan-Shing Su
Su Jang Min *see* Min Su Jang
Su Jeong Min *see* Min Su Jeong
Su Jian *see* Jian Su
Su Jichao *see* Jichao Su
Su Jin Chung *see* Bong Mo Park 43505
Su Jing-qin *see* Zhong Xi-Hua 58982
Su Ker-Wei *see* Ker-Wei Su
Su Ker-Wie *see* Ker-Wie Su
Su Kim Cheol *see* Cheol Su Kim
Su Kim Hyun *see* Hyun Su Kim
Su Kim Jin *see* Jin Su Kim
Su Li *see* Li Su
Su Lim Koeng *see* Koeng Su Lim
Su Liman *see* Ji Chengzhou 2308
Su Mianzeng *see* Chen Wei 13831
Su Mianzeng *see* Mianzeng Su
Su Mu-Chun *see* Mu-Chun Su
Su Park Seong *see* Seong Su Park
Su Qingzu *see* Qingzu Su
Su Run-Zhou *see* Run-Zhou Su
Su Shaochun *see* Wang Dingzhong 16524
Su Shichang *see* Sun Hongbo 44441
Su Shin Dong *see* Dong Su Shin
Su Sun Kim, Dong Yoon Kim, Ha-Jine Kimn Reconstruction of 3-D shapes from contour line data using the backpropagation neural networks 15811
Su Tian-Tsair *see* Tian-Tsair Su
Su Ting, Xiong Zhaofei Design and implementation of integrated voice platform 56415
Su Wan Kim *see* Hyung Taek Kim 29110
Su Wansheng *see* Wansheng Su
Su Wei-Jun *see* Wei-Jun Su
Su Wei-Min *see* Wei-Min Su
Su Wen-Jong *see* Wen-Jong Su
Su Wenbin *see* Wenbin Su
Su Wencheng *see* Tong Xiangqian 19046
Su Wenhui *see* Wenhui Su
Su Xian-Yu *see* Xian-Yu Su
Su Yan Kuin *see* Yan Kuin Su
Su Yeon Na, Tai-Yong Lee Shape optimization of polymer extrusion die by three-dimensional flow simulation 52527
Su Yi *see* Yi Su
Su Yikai *see* Yikai Su
Su Yongze *see* Yongze Su
Su Yu-Lin *see* Yu-Lin Su
Su Zhan *see* Yu Zunquan 24236
Su Zhan *see* Zhan Su
Su-An Choi, Seung-Ryeol Kim, Jong-Duk Kim, Myeong Seok Park, Young Keun Chang, Sang Mok Chang The characteristics of quartz crystal microbalance coated with lipid Langmuir-Blodgett films as an olfactory sensing system 36774
Su-Heng Lin, Hatalis, M.K. Improvement of ON/OFF current ratio of n-channel offset-gate polysilicon thin film transistors by cesium ion implantation into passivation layer 12948
Su-Ho Ha *see* Jong-Tae Park 35593
Su-Hyon Paek, Jinhee Won, Kong-Soo Lee, Jin-Seog Choi, Chi-Sun Park Electrical and microstructural degradation with decreasing thickness of $(Ba,Sr)TiO_3$ thin films deposited by RF magnetron sputtering 13228
Su-Il Pyun, Joon-Sung Bae Effect of plastic deformation on ionic conduction in pure AgI and AgI-Al_2O_3 composite solid electrolytes 29523
Su-Il Pyun, Young-Gyoon Ryu A study of oxygen reduction on platinum-dispersed porous carbon electrodes at room and elevated temperatures by using AC impedance spectroscopy 29597
Su-Il Pyun *see* Tae-Hyun Yang 29546
Su-Moon Park *see* Do Kun Cha 61025
Su-Moon Park *see* Tiehua Piao 61026
Su-Ping Liu *see* Liu Su-Ping
Su-Shing Chen A Hamiltonian model of quantum retina processing 25525
Su-Vun Chung *see* Le Nguyen Binh 43942
Suangxi Zhou *see* Zhou Suangxi
Suarez, A. *see* Morales, J. 53692
Suarez, J. *see* Di Mauro, G. 19315
Suarez, K. *see* Gomis, P. 49679
Suarez, R. *see* Rincon, M.E. 33239
Suarez Gonzalez, A. *see* Lopez Garcia, C. 36198
Suarez-Parra, R. *see* Jimenez-Gonzalez, A. 2064
Suaris, P. *see* Aldrich, G. 31578
Suaste, E., Avila, J.L. Respiration monitoring using a sensor based on mode-single fiber optic in the intensive care unit 37846
Sub Joo Kyung *see* Kyung Sub Joo
Sub Kim Chang *see* Chang Sub Kim
Sub Song Jong *see* Jong Sub Song
Sub Yoon Kwang *see* Kwang Sub Yoon

Subach, S.V. *see* Ivonin, I.V. 21293
Subba Rao, J.V. Better practices for maintenance of external plant 58070
Subbaiah, P.V., Srilakshmi, T., Chandra Mouly, M.C. Viability of on off triangular serrations for performance augmentation of compact antenna test ranges 45378
Subbaiah, P.V. *see* Mouly, M.C.C. 4369
Subbanna, S., Agnello, P., Crabbe, E., Schulz, R., Wu, S., Tallman, K., Saccamango, M.J., Greco, S., McGahay, V., Allen, A.J., Chen, B., Cotler, T., Eld, E., Lasky, J., Ng, H., Ray, A., Snare, J., Su, L., Sunderland, D., Sun, J., Davari, B. A high-density 6.9 sq. μm embedded SRAM cell in a high-performance 0.25 μm-generation CMOS logic technology 41161
Subbanna, S. *see* Su, L. 2793
Subbaram, N.R. Intellectual Property laws and their importance in the present day environment 20730
Subbaraman, C. *see* Kim, K.H. 6193
Subbaraya, B.H. *see* Jayaraman, A. 28615
Subbarayan, G. A procedure for automated shape and life prediction in flip-chip and BGA solder joints 10065
Subbarayan, G., Li, Y., Mahajan, R.L. Reliability simulations for solder joints using stochastic finite element and artificial neural network models 10204
Subbarayan, G., Li, Y., Mahajan, R.L. Reliability simulations for solder joints using stochastic finite element and artificial neural network models 30249
Subbarayan, G. *see* Leclerc, S. 26448
Subbiah, B. *see* Chandrasekhar, R. 26186
Subbotin, A.I. *see* Clarke, F.H. 52440
Subbotin, I.M. *see* Kalameitsev, A.V. 54240
Subbotin, I.M. *see* Kurishev, G.L. 17502
Subbotin, S.A. *see* Abalin, S.S. 9042
Subbotin, V.G. *see* Tsyganov, Yu.S. 58658
Suberbielle, I. *see* Solzi, M. 3130
Subiaco, G. *see* Bosco, F. 47289
Subirana-Vilanova, J.B. *see* Molina-Gamez, M.C. 5122
Subler, W. *see* Donner, G. 29201
Submann, H. *see* Muller, E. 31926
Subotic, N.S., Thelen, B.J., Gorman, J.D., Reiley, M.F. Multiresolution detection of coherent radar targets 27066
Subra, W., Waters, J. Non point source pollution 18920
Subra Rao, T. Analysis of non-stationary and non-linear signals 4743
Subrahmanya, C.R. *see* Izhak, S. 7229
Subrahmanyah, R.V., Jain, S., Verma, A., Sivaraman, S. Energy transfer in $CaSiO_3$ phosphors doped with Ce^{3+} and Tb^{3+} 44230
Subrahmanyam, P.A., Sharma, A. Issues in developing real-time multimedia applications for a multiprocessor system 6317
Subrahmanyam, P.V.S., Prabhakar, A., Vasi, J. High field stressing effects on the split N_2O grown thin gate dielectric by rapid thermal processing 32086
Subrahmanyam Darbha *see* Stern, H.P. 34069
Subrahmanyan, R. *see* Jong-Kai Lin 224
Subramaniam, G. Design and synthesis of new nonlinear optic materials 44666
Subramaniam, K.G. *see* Ram, D.J. 492
Subramaniam, S., Somani, A.K. Multicasting in ATM networks using MINs 46633
Subramaniam, S. *see* Lei, P.-M. 21581
Subramaniam, S. *see* Williamson, W., III 21637
Subramanian, C. *see* Lage, C. 41188
Subramanian, C.K. *see* Hayden, J.D. 53276
Subramanian, C.K. *see* Jayanth, P. 44776
Subramanian, C.V., Thavasimuthu, M., Jayakumar, T., Raj, B. Ultrasonic response of various types of code recommended reference defects–a comparative study 40715
Subramanian, D.K. *see* Ramachandra, T.V. 38462
Subramanian, D.K. *see* Ramachandra, T.V. 51639
Subramanian, G. *see* Caine, E.J. 49361
Subramanian, K.R. *see* Qiang, Q. 26196
Subramanian, K.R. *see* Tan Kok Keong Tony 47198
Subramanian, M. *see* Plant, T.K. 48622
Subramanian, R. *see* Gan, Q. 15215
Subramanian, S., Shpak, D.J., Antoniou, A. Performance of a multiple-antenna-multiple-equalizer system for a CDMA indoor wireless system 47565
Subramanian, S. *see* Chaudhury, S. 57163
Subramanian, S. *see* Ejeckam, F.E. 40419
Subramanian, S. *see* Gat, N. 57372
Subramanian, V., Bhat, N., Saraswat, K. Accelerated breakdown in thin oxide films due to interfacial stress and carrier depletion 42340
Subramanian, V., Sobhanadri, J. Transient photo conductivity decay study on polycrystalline silicon 33227
Subramanya, B. *see* Abel, P. 8327
Subramanyam, S.V. *see* Bhattacharyya, S. 54117
Subrt, J. *see* Drinek, V. 40584
Subsol, G., Thirion, J.-P., Ayache, N. General scheme for automatically building 3D morphometric anatomical atlases: application to a skull atlas 18292
Subsol, G., Thirion, J.-P., Ayache, N. Application of an automatically built 3D morphometric brain atlas: study of cerebral ventricle shape 18392
Subsoll, G. *see* Thirion, J.-P. 18388
Succi, M. *see* Giannantonio, R. 41724
Such, V. *see* Reig, C. 24567
Sucha, G., Fermann, M.E., Harter, D.J., Hofer, M. A new method for rapid temporal scanning of ultrafast lasers 55536
Sucha, G. *see* Hofer, M. 33412
Suche, H. *see* Baumann, I. 44059
Suchecki, W. *see* Gellert, B. 50920
Sucher, B. *see* Fiorot, J.C. 21164
Sucher, R. A self-organising nonlinear noise filtering scheme 4819
Suchitra Mouly, V. *see* Sankaran, J.K. 9962
Suchkov, A.V. *see* Yarmonenko, S.P. 49772
Suchland, J. Harmonic ratios in the Main-Kraftwerke AG supply network 28745
Suchting, M.A. *see* Hariharan, P. 36913
Suchy, K. Geometrical optics in nonstationary media 45030
Suciu, R. *see* De Mey, G. 40276
Suck-Joong Moon, Harashima, K., Fukunaga, K. Loop-folding scheduling by using BOTTOM-UP approach 21554
Sud, B. Justification for intelligence in network for a facilities-based international wholesale carrier 47288
Suda, A., Shinozaki, T., Nagasaka, K., Tashiro, H. Prompt and precise frequency tuning of a transversely excited CO_2 laser by means of intracavity active frequency shift 13965
Suda, A., Shinozaki, T., Nagasaka, K., Tashiro, H. Time-gated injection for stabilization of injection-locked transversely excited atmospheric CO_2 lasers 33360
Suda, A., Takasaki, T., Sato, K., Nagasaka, K., Tashiro, H. High-power generation of 16-μm second-Stokes pulses in an ortho-deuterium Raman laser 13962
Suda, A., Takasaki, T., Sato, K., Nagasaka, K., Tashiro, H. Para-H_2 and ortho-D_2 Raman lasers pumped by non-Gaussian beams in a multiple-pass cell 13969
Suda, A. *see* Shinozaki, T. 33370
Suda, A. *see* Takasaki, T. 13944
Suda, D.A. *see* Sargent, E.H. 55624
Suda, H. *see* Nagai, Y. 58107
Suda, H. *see* Sugihara, S. 31904
Suda, J., Kawakami, Y., Fujita, S., Fujita, S. (2×6) surface reconstruction of GaAs (001) obtained by hydrogen sulfide irradiation 12728
Suda, K. *see* Hamuro, D. 35802
Suda, K. *see* Shimazaki, H. 26277
Suda, R., Oyanagi, Y. Implementation of sparta, a highly parallel circuit simulator by the preconditioned Jacobi method, on a distributed memory machine 52987
Suda, R. *see* Iijima, T. 37238
Suda, R. *see* Sahu, S.K. 37360
Suda, S. *see* Kuge, H. 59825
Suda, T. *see* Chen, L.T. 6315
Suda, T. *see* Chen, L.T. 35661
Suda, T. *see* Chen, L.T. 47193
Suda, T. *see* Kamiya, T. 10035
Suda, T. *see* Oliveira, C. 6548
Suda, T. *see* Vickers, B.J. 57559
Suda, Y., Ishida, M., Yamashita, M. Ar^+-laser-assisted subatomic-layer epitaxy of Si 30787
Sudakov, A.V. *see* Baranenko, V.I. 38490
Sudakova, L.N. *see* Chubun, N.N. 53911
Sudan, M. Maximum likelihood decoding of Reed Solomon codes 4516
Sudan, M. *see* Aggarwal, A. 46568
Sudan, M. *see* Albanese, A. 24689
Sudan, M. *see* Bellare, M. 24618
Sudan, R. *see* Gruzinov, A. 19756
Sudan, R.N. *see* Church, B.W. 17890
Sudanov, M. *see* Vereschagin, N. 22141
Sudarkin, A.N. *see* Volkovich, A.G. 18152
Sudaroli, P.V., Kannan, S., Nagarajan, N. User position estimation for search and rescue using satellite in LEO constellation 48179
Sudarshan, T.S. Surface flashover and preflashover phenomena of solid dielectrics in vacuum 23111
Sudarshan, T.S. *see* Gradinaru, G. 31892
Sudarshan, T.S. *see* Kumar, R. 21381
Sudarshan, T.S. *see* Tin, C.C. 54304
Sudenikin, P.A. *see* Umyskov, A.F. 3784
Sudenkov, Yu.V. *see* Belikov, A.V. 58781
Sudenkov, Yu.V. *see* Belikov, A.V. 60107
Sudhakar, B., Chattopadhyay, A.K. An improved PSPICE model for simulation and analysis of thyristor commutation circuits in DC choppers 19844
Sudhakar, B., Rule, W.K., Jackson, J.E., Jr., Haque, I. A general finite element approach for porous and non-porous metal-forming processes 927
Sudhakar, K. *see* Adam, A. 37280
Sudharsanan, R., Parodos, T., Ruzin, A., Nemirovsky, Y., Karam, N.H. CdZnTe photodiode arrays for medical imaging 7914
Sudharsanan, R. *see* Karam, N.H. 699
Sudhir, G., Lee, J.C.M. Video annotation by motion interpretation using optical flow streams 46461
Sudhir Kamath *see* Raj Narayan, M.D. 22183
Sudhoff, S.D. *see* Walls, T.A. 19751
Sudhoff, S.D. *see* Wasynczuk, O. 19038
Sudiana, D., Hamada, N. Classification of planar curve using the zero-crossings representation of wavelet transform 57423
Sudijono, J.L., Avery, A.R., Joyce, B.A., Jones, T.S. STM studies of island formation and surface ordering of Si on GaAs (001), (2×4) and c(4×4): implications for δ-doping 765
Sudijono, J.L. *see* Avery, A.R. 2039
Sudijono, J.L. *see* Belk, J.G. 815
Sudijono, J.L. *see* Belk, J.G. 21300
Sudijono, J.L. *see* Holmes, D.M. 40444
Sudijono, J.L. *see* Joyce, B.A. 764
Sudijono, J.L. *see* Yamaguchi, H. 52703
Sudnik, W., Radaj, D., Erofeew, W. Computerized simulation of laser beam welding, modelling and verification 14507
Sudo, F. *see* Arai, Y. 37267
Sudo, F. *see* Arai, Y. 37268
Sudo, G. *see* Asano, A. 51498
Sudo, H. *see* Kikkawa, T. 11497
Sudo, H. *see* Kuramata, A. 21253
Sudo, K., Yamato, J., Tomono, A. Determining gender of walking people using multiple sensors 25498
Sudo, M. *see* Kumamoto, H. 61312
Sudo, N. *see* Ohkawa, M. 1330
Sudo, S. *see* Mori, A. 44382
Sudo, S. *see* Nishida, Y. 33422
Sudo, S. *see* Wurden, G.A. 36662
Sudo, S. *see* Yamada, M. 33423
Sudo, S. *see* Yamada, M. 55524
Sudo, T. *see* Doi, K. 12023
Sudo, T. *see* Honma, S. 52206
Sudo, T. *see* Inoue, Y. 10082
Sudo, T. *see* Kato, K. 198
Sudo, T. *see* Kimura, S. 53907
Sudoh, K. *see* Iwamori, S. 42700
Sudoh, M. *see* Fujimura, M. 44690
Sudoh, T.K., Nakano, Y., Tada, K. Wavelength trimming technology for multiple-wavelength distributed-feedback laser arrays by photo-induced refractive index change 33509
Sudoh, T.K., Nakano, Y., Tada, K. Wavelength trimming technology for multiple-wavelength distributed-feedback laser arrays 55631
Sudolsky, M.D. C-17 O-level fault detection and isolation bit improvement concepts 37960
Sudou, D. *see* Shimizu, H. 31778
Sudou, M., Kainuma, M., Arai, K., Takamatsu, M., Nakai, T., Shingyouji, T., Cordts, B. Effect of annealing sequences on the structure of buried oxide layer in low-dose SIMOX 22511
Sudou, S., Khalatyan, N., Kurihara, Y., Abe, T., Fujii, K., Sugiyama, A., Takahashi, K., Watanabe, T. Measurements and calculations of gravitational and electrostatic wire sags for a 4.6 meter long drift chamber 37282
Sudre, C., Dachs, C., Pelanchon, F., Palav, J.-N., Gasiot, J. Static characteristic and transient behavior of a N^+PNN^+ transistor irradiated with flash-X ray 54581
Sue, I. *see* Parsey, J.M., Jr. 12028
Sue, M. *see* Hemmati, H. 6790
Sue, S.-W. *see* Wu, J.-S. 16046
Sue Ching-Long *see* Ching-Long Sue
Sueda, T., Katsuki, S., Akiyama, H. Early phenomena of capillary discharges in different ambient pressures 32644
Sueda, T. *see* Katsuki, S. 24403
Sueda, T. *see* Katsuki, S. 44999
Suehiro, H., Shima, M., Shimura, T., Hara, N. Subfemtojoule 0.15 μm InGaP/InGaAs/GaAs pseudomorphic HEMT DCFL circuits under 1 V supply voltage 31208
Suehiro, H. *see* Hara, N. 21927
Suehiro, J., Ohno, K., Takahashi, T., Miyama, M., Hara, M. Statistical characteristics of electrical breakdown in saturated superfluid helium 23141
Suehiro, J. *see* Imasaka, K. 19748
Suehiro, S. *see* Akasaka, Y. 2429
Suehiro, T. *see* Shoji, T. 59217
Suehle, J.S., Chaparala, P. Low electric field breakdown of thin SiO_2 films under static and dynamic stress 54890
Suehle, J.S. *see* Chaparala, P. 39933
Suehle, J.S. *see* Hoff, H.A. 12544
Suehle, J.S. *see* Semancik, S. 10923
Suehle, J.S. *see* Witczak, S.C. 22792
Suehrcke, H., Appelbaum, J., Reshef, B. Modelling a permanent magnet DC motor/centrifugal pump assembly in a photovoltaic energy system 60600
Suekane, F. *see* Abe, K. 37234
Suekane, F. *see* Abe, K. 59233
Suekane, T. *see* Okuno, Y. 20056
Suemasu, T. *see* Mori, K. 13046
Suemasu, T. *see* Tsuchiya, H. 30763
Suematsu, N., Ono, M., Kubo, S., Iyama, Y., Ishida, O. L-band internally matched Si-MMIC front-end 21961
Suematsu, N. *see* Nakashima, T. 21946
Suematsu, Y. *see* Shimizu, S. 48680
Suemitsu, M. *see* Sakamoto, H. 12177
Suemitsu, W.I. *see* Rolim, L.G.B. 9583
Suemune, I., Obinata, T., Uesugi, K., Suzuki, H., Kumano, H., Nashiki, H., Nakahara, J. Growth of zincblende MgS/ZnSe superlattices and their heterointerface properties 40468
Suemune, I. *see* Cingolani, R. 33547
Suemune, I. *see* Hirano, K. 32136
Suemune, I. *see* Hoshiyama, M. 44562
Suemune, I. *see* Suzuki, H. 31966
Suemura, Y. *see* Maeno, Y. 57915
Suen, C.Y. *see* Jiming Liu 5650

Suen, C.Y. *see* Said, J.N. 5341
Suen, C.Y. *see* Wu, M.J. 45493
Suen, D.S., Chang, C.N. Application of neural network interval regression method for minimum zone circle roundness 48902
Suen, H.-M., Wang, J.-F. Text string extraction from images of colour-printed documents 4923
Suen An-Nan *see* An-Nan Suen
Suenaga, I. *see* Ando, T. 32264
Suenaga, M. *see* Fukumoto, Y. 3272
Suenaga, M. *see* Fukumoto, Y. 13483
Suenaga, M. *see* Hattori, K. 22723
Suenaga, N. *see* Ogawa, K. 9699
Suenaga, Y. *see* Morimoto, M. 46103
Sueoka, K., Akatsuka, M., Katahama, H., Adachi, N. Dependence of mechanical strength of Czochralski silicon wafers on the temperature of oxygen precipitation annealing 54019
Suerig, C., Hempel, K.A., Sauer, C. Influence of stoichiometry on hexaferrite structure 3168
Suess, T.R. *see* Dietz, K.H. 41639
Suess, W. *see* Dornik, M. 59164
Suesse, H. *see* Voss, K. 5120
Suesse, H. *see* Voss, K. 25627
Suetens, P. *see* Bijnens, B. 18356
Suetens, P. *see* De Man, B. 49526
Suetens, P. *see* Fivez, C. 59439
Suetens, P. *see* Maes, F. 49546
Suetens, P. *see* Plets, P. 37735
Suetens, P. *see* Vandermeulen, D. 18385
Suetin, N.V. *see* Mankelevich, Y.A. 52790
Suetsugu, K. *see* Furusawa, A. 52199
Suetsugu, T. *see* Shinoda, K. 51327
Suetsugu, Y. Bellows design and testing for KEKB 49072
Suetsugu, Y., Kato, T., Nishimura, M., Tanaka, S. Characterization of polarization-mode dispersion in SM optical fiber 55203
Sueur, C. *see* Rahmani, A. 21062
Sueveges, A. *see* Erdei, S. 43886
Sueyoshi, T. *see* Bardhan, I. 408
Sueyoshi, T. *see* Bardhan, I. 409
Suezawa, M. *see* Honda, T. 21224
Sufana, C. *see* Zipp, J. 28937
Sufana, C.R. *see* Hussain, B. 50629
Suffel, C. *see* Boesch, F. 35733
Suflis, S.A., Daletzaki, D.A. Technical and financial viability of wind energy conversion systems on Myconos island 19650
Sug-Bong Choe, Ki-Seok Moon, Sung-Chul Shin The construction of a computer-driven vacuum evaporation deposition system with real-time thickness measurement 10870
Sug-Chin Sakong *see* Seung-Ha Lim 53032
Suga, K. *see* Kitahara, K. 12301
Suga, N., Ikeda, Y., Takada, Y. Distributed multicomputer system for nuclear power plants 38475
Suga, T., Ishii, Y., Hosoda, N. Microassembly system for integration of MEMS using the surface activated bonding method 43364
Suga, T. *see* Chengkuo Lee 43408
Suga, T. *see* Chung, T.R. 41848
Suga, T. *see* Itoh, T. 13160
Suga, T. *see* Itoh, T. 43362
Suga, T. *see* Rondeau, J.-P. 12027
Suga, T. *see* Takagi, H. 32108
Suga, Y., Takeuchi, S., Tsu, H. Monitoring of the change of vegetative conditions using multitemporal SAR data 8319
Suga, Y. *see* Takahashi, N. 23321
Sugahara, H. *see* Ishibashi, T. 16817
Sugahara, K., Hayashibara, K., Konishi, R. On the linguistic description of digital circuits suitable for symbolic circuit analysis 40782
Sugahara, K., Konishi, R. Complex-log mapping approach to rotation and enlargement or reduction of digital images and its performance evaluation 46277
Sugahara, K. *see* Ohnakado, T. 41159
Sugahara, R. *see* Tsuchiya, K. 49011
Sugahara, S., Hasunuma, E., Imai, S., Matsumura, M. Modeling of silicon atomic-layer-epitaxy 10761
Sugahara, S., Kitamura, T., Imai, S., Uchida, Y., Matsumura, M. Ideal monolayer adsorption of germanium on Si(100) surface 10759
Sugahara, S., Matsumura, M. Modeling of germanium atomic-layer-epitaxy 52709
Sugahara, S. *see* Morishita, S. 52711
Sugai, E. *see* Yokota, H. 55211
Sugai, K., Kishida, S., Shinzawa, T., Okabayashi, H., Yako, T., Kadokura, H., Isemura, M., Kobayashi, T., Hosokawa, N. Aluminum metallization using a combination of chemical vapor deposition and sputtering 54492
Sugai, K. *see* Matsubara, Y. 42668
Sugai, M., Harada, K. Internet broadcasting services 57799
Sugai, Y. *see* Yokoi, S. 16274
Sugak, D. *see* Frukacz, Z. 13534
Sugak, D.Yu. *see* Kaczmarek, S. 14028
Sugak, D.Yu. *see* Kaczmarek, S. 14030
Sugamata, T. *see* Nagata, H. 26816
Sugamura, N. *see* Arai, K. 56393
Suganaimi, Y. *see* Kosugi, Y. 59508
Suganami, T. *see* Yamanaka, G. 20255
Suganeev, V.S. *see* Nikolaev, Yu.V. 19976
Sugano, A. *see* Kamahara, J. 6335
Sugano, M. *see* Fukutani, K. 56198
Sugano, S. *see* Shibuya, K. 25249
Sugano, T. Nano-electronics–a new field for SISPAD 12856
Sugano, T. *see* Bird, J.P. 12467
Sugano, T. *see* Bird, J.P. 42235
Sugano, T. *see* Hattori, R. 13807
Sugano, T. *see* Hattori, R. 40411
Sugano, T. *see* Isshiki, H. 52700
Sugano, T. *see* Jeong-Sik Lee 787
Sugano, T. *see* Jeong-Sik Lee 52702
Sugano, T. *see* Kanda, A. 13510
Sugano, T. *see* Matsumoto, Y. 43162
Sugano, T. *see* Nomura, S. 12454
Sugano, T. *see* Ochiai, Y. 12468
Sugano, T. *see* Sasaki, N. 42237
Sugano, Y. *see* Sumi, H. 40575
Suganomata, S. *see* Matsuzawa, H. 7725
Suganomata, S. *see* Matsuzawa, I. 37079
Suganthan, P.N. *see* Mital, D.P. 35145
Suganuma, E. *see* Mineta, T. 27925
Suganuma, H. *see* Kubota, S. 2475
Suganuma, T. *see* Shiratori, N. 47003
Suganuma, Y. *see* Ohmatsu, K. 23423
Sugarbaker, E. *see* Bellwied, R. 59284
Sugarbaker, E. *see* Pandey, S.U. 37293
Sugasawa, F., Ueno, H., Kaneda, M., Koreishi, J., Shirato, R., Fukuhara, N. Development of Nissan's ASV 29867
Sugasawa, S. *see* Kanai, Y. 28461
Sugasawa, Y. *see* Jin, Q. 10319
Sugasawara, E. *see* Barrette, T. 22939
Sugatchev, O.L., Ogoljuk, V.P., Kupko, V.S. Laser observations of geodetic Earth satellites metrology and perspectives of development 28596
Sugatchev, O.L. *see* Pushkarev, G.P. 14508
Sugauchi, K., Suzuki, M., Miyazaki, S., Mizuguchi, K. A method to develop common management service in many management application programs based on management service specification using GDMO template 35611
Sugawa, S. *see* Fukuda, S. 21793
Sugawa, S.-I. *see* Fukuda, S. 28831
Sugawara, A. Moment method analysis of portable telephone antenna 56166
Sugawara, A., Coyle, T., Hembree, G.G., Scheinfein, M.R. Self-organized Fe nanowire arrays prepared by shadow deposition on NaCl(110) templates 43615
Sugawara, A. *see* Samaulah, H. 60943
Sugawara, H. *see* Ohkawa, M. 1330
Sugawara, H. *see* Shiojima, K. 22430
Sugawara, H. *see* Tamura, H. 57919
Sugawara, I. *see* Suzuki, Y. 51290
Sugawara, K. *see* Sato, K. 28161
Sugawara, K. *see* Shiratori, N. 47003
Sugawara, K. *see* Takehana, M. 13055
Sugawara, M., Kawahira, H., Nozawa, S. Influence of process latitude on exposure characteristics [photolithography] 2468
Sugawara, M. *see* Katsumata, M. 22638
Sugawara, M. *see* Mukai, K. 52698
Sugawara, M. *see* Nagata, H. 8314
Sugawara, M. *see* Shoji, H. 44578
Sugawara, N., Takiguchi, M., Yaoi, T., Negoro, N., Kagawa, K., Okabe, A., Hayashi, K., Kano, H. Linearity of unshielded spin-valve sensors 48840
Sugawara, N. *see* Hayashi, F. 41163
Sugawara, N. *see* Oka, T. 28482
Sugawara, S. *see* Imae, J. 40191
Sugawara, S. *see* Konno, M. 2992
Sugawara, S. *see* Kudo, S. 13356
Sugawara, S. *see* Tomikawa, Y. 17287
Sugawara, S. *see* Usui, M. 13644
Sugawara, T. *see* Komatsu, R. 14284
Sugawara, T. *see* Takehana, M. 13055
Sugawara, W. A study on flying type micro magnetic actuators 55070
Sugawara, Y. *see* Ohgami, J. 2943
Sugawara, Y. *see* Shen, A. 40393
Sugaya, M. *see* Kawakami, M. 12620
Sugaya, T. A new recording device: DVD 23463
Sugaya, T., Nakagawa, T., Sugiyama, Y. Fabrication of quantum wire structures on nonplaner InP substrates by molecular beam epitaxy 22356
Sugden, K., Everall, L.A., Williams, J.A.R., Bennion, I. Single and multi-passband broadband Moire filters from dual exposure of uniform-period and chirped phase masks 55191
Sugden, K., Zhang, L., Everall, L.A., Bennion, I. Fabrication of high rejection, low loss, filters by the concatenation of broadly chirped fibre Bragg gratings 55190
Sugden, S. *see* Goodbody, C. 37990
Sugden, S. *see* McConville, C.F. 12419
Sugeno, M. *see* Ralescu, D.A. 387
Sugeon Kwon *see* Kwangsik Kim 47731
Sugg, B., Gnatchenko, S.L., Rupp, R.A. Holographic recording at 633 nm in the garnet $Ca_3Mn_2Ge_3O_{12}$ 14443
Sugg, B. *see* Woike, T. 4099
Sugi, M., Saito, K. The fractal device – a novel circuit element based on organized molecular films 31643
Sugi, S. *see* Segawa, M. 27654
Sugibayashi, T. *see* Murotani, T. 53295
Sugie, M., Okazaki, M., Koyabu, K., Maekawa, A., Kohno, M. Shimadzu MAGNEX 100/XP and MAGNEX 150/XP superconducting MRI systems 18340
Sugie, N. *see* Jun Yang 15456
Sugie, N. *see* Minagawa, H. 18558
Sugie, N. *see* Yang, J. 35013
Sugie, R., Ohta, H., Harima, H., Nakashima, S., Fujiyasu, H. Raman scattering of interface modes in ZnTe-CdSe superlattices 2146
Sugie, T. *see* Fukuda, M. 3840
Sugie, T. *see* Fukuda, M. 16824
Sugie, T. *see* Kumozaki, K. 16777
Sugie, T. *see* Kurosaki, T. 3669
Sugie, Y. *see* Watanabe, T. 1388
Sugih Jamin, Danzig, P.B., Shenker, S.J., Lixia Zhang A measurement-based admission control algorithm for integrated service packet networks 35436
Sugihara, A., Enomoto, K., Sasase, I. Throughput performance of a slotted nonpersistent CSMA with an adaptive array 16066
Sugihara, H., Arai, S. Simulation of the small capacitive current interruption by vacuum switches 60942
Sugihara, K. Numerical issues and practical implementations in computational geometry 448
Sugihara, K. *see* Ando, T. 32264
Sugihara, K. *see* Hattori, K. 22723
Sugihara, K. *see* Nakamura, H. 22692
Sugihara, K. *see* Nakamura, H. 22710
Sugihara, K. *see* Takamatsu, J. 32262
Sugihara, K. *see* Teramatsu, H. 58548
Sugihara, M., Minami, K., Esashi, M. Micro assembly by high rate laser CVD 12006
Sugihara, M., Minami, K., Esashi, M. Micro assembly by high rate CVD using CW UV laser 43410
Sugihara, M. *see* Lim, G. 8085
Sugihara, O. *see* Nakayama, H. 14246
Sugihara, S., Tomita, S., Asakawa, K., Suda, H. High performance properties of sintered Bi_2Te_3-based thermoelectric material 31904
Sugihara, S. *see* Ashikaga, K. 22680
Sugihara, S. *see* Kikuchi, Y. 31256
Sugihara, S. *see* Kikuchi, Y. 32292
Sugihara, S. *see* Sunouchi, K. 41169
Sugihara, T., Fujii, K., Haga, H., Yamamoto, S. Effect of plasticization of dye doped polymer on second-order optical nonlinearity induced by electric field 4043
Sugihara, T. *see* Inoue, M. 42104
Sugihara, T. *see* Sasa, S. 12487
Sugihwo, F., Larson, M.C., Harris, J.S., Jr. Low threshold continuously tunable vertical-cavity surface-emitting lasers with 19.1 nm wavelength range 33560
Sugihwo, F. *see* Larson, M.C. 44515
Sugii, M. *see* Sakuma, J. 33381
Sugii, T. *see* Goto, K. 42396
Sugii, T. *see* Suzuki, K. 32412
Sugii, T. *see* Tosaka, Y. 2804
Sugii, T. *see* Tosaka, Y. 31269
Sugii, T. *see* Tosaka, Y. 59209
Sugiki, T. *see* Nakamura, N. 7403
Sugimachi, N. *see* Hayashida, Y. 35715
Sugimoto, H. *see* Imaizumi, M. 40415
Sugimoto, H. *see* Kishimoto, Y. 26069
Sugimoto, H. *see* Shrakawa, Y. 36968
Sugimoto, H. *see* Taketani, N. 52230
Sugimoto, I., Nakamura, M., Kuwano, H. Sensitive, selective chemical-sensing layers produced by plasma organic film technology 48723
Sugimoto, I. *see* Nakamura, M. 17571
Sugimoto, K. *see* Ishida, M. 32800
Sugimoto, K. *see* Kotaki, H. 43026
Sugimoto, K. *see* Matsumoto, Y. 35042
Sugimoto, K. *see* Nakadai, Y. 46956
Sugimoto, M., Matsumoto, K., Tanaka, Y., Akita, S., Kasahara, H., Torii, S., Tachikawa, K. Development of new Nb-Ti wires with a Cu-Si alloy matrix for AC use 52854
Sugimoto, M. *see* Yoshida, T. 9430
Sugimoto, N., Kanbara, H., Fujiwara, S., Tanaka, K., Hirao, K. Ultrafast response of third-order optical nonlinearity in glasses containing Bi_2O_3 4025
Sugimoto, N., Terui, H., Tate, A., Katoh, Y., Yamada, Y., Sugita, A., Shibukawa, A., Inoue, Y. A hybrid integrated waveguide isolator on a silica-based planar lightwave circuit 3442
Sugimoto, N. *see* Davis, K.M. 3433
Sugimoto, N. *see* Katoh, Y. 33456
Sugimoto, O. *see* Aoki, M. 61382
Sugimoto, S., Fujita, H., Takahashi, I., Okazaki, K., Ohtomo, K. Uninterruptible power supply using a flywheel unit 60848
Sugimoto, T., Nishio, Y., Ushida, A. SPICE oriented steady-state analysis of large scale circuits 1094
Sugimoto, T. *see* Koh, M. 22870
Sugimoto, T. *see* Matsukawa, T. 21693
Sugimoto, T. *see* Sakai, A. 58022
Sugimoto, Y. Use of multiple-valued logic with 1.9-V operational power supply to obtain a high-speed current-mode logic circuit 1224
Sugimoto, Y., Iida, T. A current-mode, 3 V, 20 MHz, 9-bit equivalent CMOS sample-and-hold circuit 41364
Sugimoto, Y., Sahu, S.K., Takashimizu, N., Behari, S., Kobayashi, S., Matsumoto, S., Murakami, A. A lead-scintillating-fiber calorimeter for the small angle region of the AMY detector at TRISTAN 59202
Sugimoto, Y., Tokito, S., Kakitani, H., Seta, E. A current-mode bit-block circuit applicable to low-

voltage, low-power pipeline video-speed A/D converters 11527
Sugimoto, Y., Ueno, T., Tsuji, T. Design of a low-voltage, low-power, high-frequency CMOS current-mode VCO circuit by using 0.6 μm MOS devices 31146
Sugimoto, Y. *see* Ishii, K. 49323
Sugimoto, Y. *see* Kajino, F. 37402
Sugimoto, Y. *see* Kajita, M. 26869
Sugimoto, Y. *see* Kawakami, T. 23986
Sugimoto, Y. *see* Kosaka, H. 26873
Sugimoto, Y. *see* Kosaka, H. 26876
Sugimoto, Y. *see* Nakamura, S. 3870
Sugimoto, Y. *see* Nakamura, S. 23882
Sugimoto, Y. *see* Nakamura, S. 33519
Sugimoto, Y. *see* Nakamura, S. 33562
Sugimoto, Y. *see* Nakamura, S. 44452
Sugimoto, Y. *see* Nishio, T. 46995
Sugimoto, Y. *see* Saito, H. 3880
Sugimoto, Y. *see* Tsukamoto, T. 37401
Sugimura, H., Nakagiri, N. Electrochemical nanolithography using scanning probe microscopy: fabrication of patterned metal structures on silicon substrates 2482
Sugimura, H., Okiguchi, A.K., Nakagiri, N., Miyashita, M. Nanoscale patterning of an organosilane monolayer on the basis of tip-induced electrochemistry in atomic force microscopy 22733
Sugimura, K. *see* Zhang, J.G. 11809
Sugimura, K. *see* Zhang, J.G. 11810
Sugimura, M., Iiguni, Y., Adachi, N. A 2-dimensional dynamic programming for image matching with Zernike moments 25712
Sugimura, T. *see* Dewa, H. 37141
Sugimura, T. *see* Shirai, T. 37142
Sugimura, W. *see* Shigetani, H. 40396
Sugino, M. *see* Jinno, K. 61307
Sugino, M. *see* Katayama, H. 27180
Sugino, N., Vilasdechanon, J., Likit-Anurucks, K., Nishihara, A. Computational ordering of adaptive digital networks under pipeline constraints and its application to DSP compilers 53324
Sugino, R., Mori, H. Removing particles from silicon wafer surfaces with adhesive tape 54376
Sugino, T., Maeda, M., Kawarai, K., Shirafuji, J. Low-temperature epitaxial growth of InP by remote plasma-assisted metalorganic chemical vapour deposition 10770
Sugino, T., Sakamoto, Y., Miyazaki, T., Shirafuji, J. Interface properties of PN_x/InP structures by in-situ remote plasma processes 2280
Sugino, T., Tanioka, K., Kawasaki, S., Shirafuji, J. Characterization and field emission of sulfur-doped boron nitride synthesized by plasma-assisted chemical vapor deposition 53945
Sugino, T. *see* Hashimoto, T. 12248
Sugino, T. *see* Miyazaki, T. 30942
Sugino, T. *see* Shirafuji, J. 40425
Sugino, Y. *see* Ueda, M. 48459
Suginuma, Y., Nogaki, M., Takahashi, T. Continual burst of inter-glow-arc flip-flop transition 53889
Sugioka, K. *see* Jyumonji, M. 12633
Sugisaka, M., Tonoya, N. Neuro control for recognition and tracking system of moving object 7427
Sugisaki, A.M. *see* Kawaguchi, J. 48182
Sugita, A. *see* Sugimoto, N. 3442
Sugita, E. *see* Tomioka, Y. 58485
Sugita, H. *see* Inui, Y. 51611
Sugita, J. *see* Yamazaki, J. 59460
Sugita, K. *see* Harada, K. 11901
Sugita, K. *see* Nakano, M. 13280
Sugita, K. *see* Tang, R.X. 18419
Sugita, S. *see* Shimizu, A. 61083
Sugita, T. *see* Aizu, Y. 49538
Sugita, T. *see* Shitanda, H. 16478
Sugita, Y., Watanabe, S., Awaji, N. X-ray reflectometry and infrared analysis of native oxides on Si(100) formed by chemical treatment 2371
Sugita, Y. *see* Kayama, M. 39444
Sugita, Y. *see* Saito, Y. 22515
Sugita, Y. *see* Tanioka, M. 41706
Sugita, Y. *see* Watanabe, S. 12754
Sugitani, S. *see* Hirano, M. 31521
Sugitani, S. *see* Otsuji, T. 43340
Sugitatsu, A. *see* Minamitani, Y. 33365
Sugiura, A. Study of the characteristics of radiated EMI measuring facilities 56070
Sugiura, A., Inatsu, M. A study of DCT image coding using adaptive three-dimensional scanning 35288
Sugiura, A., Inatsu, M. An amplitude limiting CDM by using majority logic 47520
Sugiura, A., Ueda, M. An assessment of prosopagnosia by using face image synthesis 25705
Sugiura, A. *see* Koike, K. 4343
Sugiura, A. *see* Maeda, A. 14723
Sugiura, H., Mitsuhara, M., Ogasawara, M., Itoh, M., Kamada, H. Structural and optical properties of 1.3 μm wavelength tensile-strained InGaAsP multiquantum wells grown by metalorganic molecular beam epitaxy 31973
Sugiura, H. *see* Abe, K. 21136
Sugiura, H. *see* Kanamori, M. 56127
Sugiura, H. *see* Komori, Y. 30653
Sugiura, H. *see* Ohsako, N. 40167
Sugiura, K. *see* Yamazawa, K. 23131
Sugiura, L. Dislocation motion in GaN light-emitting devices and its effect on device lifetime 33290
Sugiura, L. Comparison of degradation caused by dislocation motion in compound semiconductor light-emitting devices 44278
Sugiura, L. *see* Itaya, K. 3872
Sugiura, L. *see* Shigenaka, K. 703
Sugiura, O. *see* Akiyama, Y. 29334
Sugiura, S. *see* Shiratori, N. 47003
Sugiura, T. High-capacity molded motor for battery locomotive 60802
Sugiura, T. *see* Nakazawa, M. 13316
Sugiura, T. *see* Nakazawa, M. 13329
Sugiura, T. *see* Shin, J.-K. 55350
Sugiura, Y. *see* Narita, N. 36324
Sugiura, Y. *see* Sone, T. 27663
Sugiyama, A. *see* Emi, K. 7794
Sugiyama, A. *see* Hirano, A. 15282
Sugiyama, A. *see* Hoshuyama, O. 15244
Sugiyama, A. *see* Sudou, S. 37282
Sugiyama, H., Takahata, M., Nishimura, K. Video server technology for high-performance retrieval in video-on-demand 58561
Sugiyama, I. *see* Kushiya, K. 39116
Sugiyama, K., Nakamura, Y., Miyazaki, A. Packet routing function on the PDC mobile packet data communication network 6607
Sugiyama, K., Obana, S., Suzuki, K., Urano, Y. A proposal on implementation method of electronic data interchange (EDI) translator 24654
Sugiyama, K. *see* Horiuchi, H. 26099
Sugiyama, K. *see* Nakano, T. 49413
Sugiyama, K. *see* Shinkai, K. 19331
Sugiyama, M. *see* Isobe, C. 52799
Sugiyama, M. *see* Morikawa, T. 48552
Sugiyama, M. *see* Nagai, T. 2942
Sugiyama, M. *see* Shimogaki, Y. 54468
Sugiyama, M. *see* Tashiro, T. 22949
Sugiyama, M. *see* Tashiro, T. 48550
Sugiyama, M. *see* Ueki, K. 17788
Sugiyama, N. High concentration n-type doping in Si layers epitaxially grown by ultra-high vacuum chemical vapor deposition with cracking heater 41857
Sugiyama, N. *see* Ohshima, Y. 18083
Sugiyama, S., Yang, J., Guha, S. Improved stability against light exposure in amorphous deuterated silicon alloy solar cell 29637
Sugiyama, S., Zhang, Y., Ueno, H., Hosaka, M., Fujimoto, T., Maeda, R., Tanaka, T. A compact SR beamline for fabrication of high aspect ratio MEMS microparts 23072
Sugiyama, S. *see* Hosaka, M. 54532
Sugiyama, S. *see* Suzukawa, Y. 19564
Sugiyama, S. *see* Takizawa, M. 38913
Sugiyama, S. *see* Tobise, M. 61366
Sugiyama, T., Abe, I. Height and reliability of edges 46467
Sugiyama, T., Abe, K. Edge feature analysis by a vectorized feature extractor and in multiple edges 5382
Sugiyama, T., Furuya, N. Microwave-discharge-excited CO_2 laser 55510
Sugiyama, T., Matsuura, T., Murota, J. Atomic-layer etching of Ge using an ultraclean ECR plasma 54453
Sugiyama, T., Okamoto, M. Application software for selecting candidate sites for wind power installations 60622
Sugiyama, T., Omiya, T., Takami, K. A modeling and protocol for the out-channel user interaction in intelligent network 6291
Sugiyama, T. *see* Honda, M.N. 11930
Sugiyama, T. *see* Mochizuki, N. 31150
Sugiyama, T. *see* Takami, K. 26652
Sugiyama, T. *see* Yonezawa, T. 51379
Sugiyama, Y. *see* Awano, Y. 22393
Sugiyama, Y. *see* Itatani, T. 33255
Sugiyama, Y. *see* Ohnishi, A. 21591
Sugiyama, Y. *see* Shoji, H. 44578
Sugiyama, Y. *see* Sugaya, T. 22356
Sugiyama, Y. *see* Yokoyama, N. 12905
Sugizaki, M., Nagahisa, C., Kobayashi, Y. Development of feedback system for bridge construction 10195
Sugizaki, R. *see* Akasaka, Y. 16832
Sugla, B. *see* Goodman, D. 6579
Sugla, B. *see* Krishnan, P. 35617
Sugo, M. *see* Temmyo, J. 3848
Sugo, M. *see* Temmyo, J. 23913
Sugo, M. *see* Temmyo, J. 55696
Sugou, S. *see* Saito, H. 3880
Sugrue, T.J. The telecommunications policy debate in the US 46849
Suguimoto, M. *see* Hayashi, S. 45708
Sugunasiri, S. When science calls religion 30081
Suguri, K., Minami, T., Matsuda, H., Kusaba, R., Kondo, T., Kasai, R., Watanabe, T., Sato, H., Shibata, N., Tashiro, Y., Izuoka, T., Shimizu, A., Kotera, H. A real-time motion estimation and compensation LSI with wide search range for MPEG2 video encoding 1447
Suguro, K. *see* Akasaka, Y. 2429
Suguro, K. *see* Murakoshi, A. 42749
Suguro, K. *see* Takagi, M.T. 43276
Suh, B.S. *see* Suh, J.H. 51338
Suh, D.Y. *see* Chang, S.G. 57576
Suh, E.-K. *see* Jeon, H.I. 32028
Suh, I.C. *see* Seung Hwan Yi 48744
Suh, I.H. *see* Park, M.K. 51819
Suh, J.H., Suh, B.S., Hyun, D.S. A design of a new snubber circuit for three-level gate turn-off thyristor inverters 51338
Suh, J.W. *see* Bohringer, K.F. 54841
Suh, K.-S. *see* Kang, M.-G. 42438
Suh, K.-S. *see* Kwak, J.S. 42285
Suh, K.S., Kim, J.Y., Noh, H.S., Lee, C.R. Interfacial charge in polyethylene/ethylene vinylacetate laminates 32743
Suh, K.S., Sun Jun Hwang, Lee, C.R. Charge behavior in polyethylene-ionomer blends 54961
Suh, K.S. *see* Chang Ryong Lee 32709
Suh, K.S. *see* Park, S.K. 32711
Suh, K.S. *see* Seung Hyung Lee 43547
Suh, K.Y., Henry, R.E. Debris interactions in reactor vessel lower plena during a severe accident. I. Predictive model 19514
Suh, K.Y., Henry, R.E. Debris interactions in reactor vessel lower plena during a severe accident. II. Integral analysis 19515
Suh, K.Y., Lee, H.H. Composition dependence of activation energy in solid phase epitaxial growth of $Si_{1-x}Ge_x$ alloys 756
Suh, M.S. *see* Keunjoo Kim 54439
Suh, S.-H. *see* Kim, J.-S. 10820
Suh, S.-H. *see* Kim, J.-S. 12496
Suh, S.H. *see* Lee, T.S. 32196
Suh, Y. *see* Lee, J. 1711
Suh Baek-soo *see* Baek-soo Suh
Suh Bong Rhee *see* Eunkyoung Kim 43883
Suh Bum-Seek *see* Bum-Seek Suh
Suh Bum-Seok *see* Bum-Seok Suh
Suh Byung-Hoon *see* Byung-Hoon Suh
Suh Byungkyoo *see* Byungkyoo Suh
Suh Chung-Wook *see* Chung-Wook Suh
Suh Eun Kyung *see* Eun Kyung Suh
Suh Ho Hyung *see* Ho Hyung Suh
Suh Ho-Hyung *see* Ho-Hyung Suh
Suh Il-Hong *see* Il-Hong Suh
Suh Jae-Hyeong *see* Jae-Hyeong Suh
Suh Jeong Dae *see* Jeong Dae Suh
Suh Kang-Deog *see* Kang-Deog Suh
Suh Ki Young *see* Ki Young Suh
Suh Ki-Young *see* Ki-Young Suh
Suh Kune Yull *see* Kune Yull Suh
Suh Kwang-S *see* Kwang-S Suh
Suh Kwang-Suk *see* Kwang-Suk Suh
Suh Moon-Suhk *see* Moon-Suhk Suh
Suh Sang Hee *see* Sang Hee Suh
Suh Sang-Hee *see* Sang-Hee Suh
Suh Seong-Wog *see* Seong-Wog Suh
Suh Youngseok *see* Youngseok Suh
Suhadolnik, A. *see* Rozman, J. 37790
Suhara, M. *see* Hongot, H. 42200
Suhara, M. *see* Kang, Y.C. 13045
Suhara, M. *see* Takemura, R. 22891
Suhara, T. *see* Fujimura, M. 44690
Suhara, T. *see* Kintaka, K. 14262
Suhara, T. *see* Li, M. 44766
Suhara, T. *see* Masalkar, P.J. 44011
Suhara, T. *see* Ura, S. 7272
Suhardi, Mengel, A., Fellbaum, K. Context-free sound recognition of telephone speech with the use of hidden Markov models 34671
Suharno, A. *see* Kondo, H. 15460
Suhel, P. *see* Skvarc, J. 59597
Suhir, E. "Global" and "local" thermal mismatch stresses in an elongated bi-material assembly adhesively bonded at the ends 10093
Suhir, E. What can be gained by using a nonlinear shock protector? 30244
Suhir, E. Probabilistic approach to evaluate improvements in the reliability of a chip-substrate (chip-card) assembly 39922
Suhir, E., Mishkevich, V., Anderson, J.M. How large should a periodic external load be to cause appreciable microbending losses in a dual-coated optical fiber? 13577
Suhir, E. *see* Mei, Y.H. 10097
Suhir, E. *see* Uschitsky, M. 16520
Suhir, E. *(editor)* Structural Analysis in Microelectronic and Fiber Optic Systems. 1995 ASME International Mechanical Engineering Congress and Exposition (EEP-Vol.12) 40
Suhling, J.-C. *(editor)* Applications of Experimental Mechanics to Electronic Packaging. 1995 ASME International Mechanical Engineering Congress and Exposition (EEP-Vol.13, AMD-Vol.214) 41
Suhling, J.C., Lin, S.T. Applications of optical methods to electronic packaging 326
Suhling, J.C. *see* Cordes, R.A. 7295
Suhling, J.C. *see* Cordes, R.A. 7318
Suhm, B. *see* Mayfield, L.J. 56373
Suhng, Y. *see* Yu, H.A. 3604
Suhng, Y. *see* Yu, H.A. 29629
Suhov, Yu. *see* Bassalygo, L. 45492
Suhovec-Kelcec, S. *see* Miric, M. 18561
Suhre, D.R., Taylor, L.H. Six-Watt mid-infrared laser using harmonic generation with Tl_3AsSe_3 3972
Suhren, M. *see* Wagner, P. 39892
Suhrke, M. *see* Neudert, R. 42167
Suhuai Luo, King, R.W. Automatic human face modeling in model-based facial image coding 46155
Sui, Y.C., Zhang, Z.D., Xiao, Q.F., Liu, W., Zhao, X.G., Zhao, T., Chuang, Y.C. Nd-Fe-(C,B) permanent magnets made by mechanical alloying and subsequent annealing 32877

Sui Seung-Ki *see* Seung-Ki Sui
Sui Shen, DeNardo, G.L., DeNardo, S.J., Salako, Q., Morris, G., Banks, D., Yuan, A., DeNardo, D.A. Dosimetric evaluation of copper-64 in copper-67-2TT-BAT-Lym-1 for radioimmunotherapy 37907
Sui Sun Cheng *see* Sheng-Li Xie 618
Sui Sun Cheng *see* Wan Zhuang 30640
Suihko, V., Eskola, H., Malmivuo, J. Electrical transcranial stimulator for monitoring during neurosurgery 59750
Suihko, V., Malmivuo, J., Eskola, H. Three-electrode vs. unifocal technique in transcranial electrical stimulation 59720
Suihko, V. *see* Malmivuo, J. 37806
Suihko, V. *see* Malmivuo, J. 59708
Suijian Li *see* Li Suijian
Suinot, N., Cazaux, J.L., Caille, G. Development in active antennas for spaceborne SARs 16928
Suinot, N. *see* Adrian, V. 50024
Suinot, N. *see* Vincent, N. 50075
Suita, M. *see* Imaizumi, M. 40415
Suita, M. *see* Ohtsuka, K. 32049
Sujana, H., Swarnamani, S., Suresh, S. Application of artificial neural networks for the classification of liver lesions by image texture parameters 28223
Sujay Datta *see* Shantilal Das 55110
Sujecki, S. *see* Majewski, A. 44006
Suk, H. *see* Haber, I. 18026
Suk, H. *see* Wang, J.G. 49096
Suk, H.C., Sim, K.-S., Hwan Park, J. Element bowing assessments of CANFLEX fuel bundle during in-reactor service and refuelling 9067
Suk, J.W. *see* Kweon, H.J. 59665
Suk, M. The effect of disk roughness on the wear of contact recording heads 13441
Suk, T., Flusser, J. Search of the correspondence between the control points for registration of the projectively deformed images 56605
Suk, T. *see* Flusser, J. 4826
Suk Bong-Chool *see* Bong-Chool Suk
Suk Jae Chung *see* Kyu Chang Park 40552
Suk Jung-Bong *see* Jung-Bong Suk
Suk Kang *see* Mi-Sook Chung 57054
Suk Ki Kim *see* Tae Kyung Chung 51042
Suk Kim Kun *see* Kun Suk Kim
Suk Kim Nam *see* Nam Suk Kim
Suk Lee Eung *see* Eung Suk Lee
Suk Nahm Kee *see* Kee Suk Nahm
Suk Oh Choung *see* Choung Suk Oh
Suk Whun Sohn *see* Won Sang Jeong 19521
Suk Woo Nam *see* In-Hwan Oh 51508
Suk Yang Yong *see* Yong Suk Yang
Suk Yun Kyung *see* Kyung Suk Yun
Suk-Chon Kwon *see* Jin-Ki Kim 1402
Suk-Chon Kwon *see* Jin-Ki Kim 53294
Suk-Jin Jung, Myeong-Hwan Lee, Hyung-Jin Choi A new survivor memory management method in Viterbi decoders: trace-delete method and its implementation 21701
Suk-Ju Jung *see* Ho-Sook Lee 58319
Suk-Ki Min *see* Chang-Sik Son 31815
Suk-Ki Min *see* Cheol Koo Hahn 12423
Suk-Ki Min *see* Min-Suk Lee 40374
Suk-Ki Min *see* Seong-Il Kim 10756
Suk-Ki Min *see* Tae Geun Kim 33531
Suk-Ki Min *see* Tae-Geun Kim 12422
Suk-Ki Min *see* Tae-Geun Kim 23899
Sukanya, P., Takamatsu, R., Sato, M. New operator for determining surface shapes 5010
Sukanya, P., Tanuma, H., Takamatsu, R., Sato, M. A new operator for describing topographical image structure 5051
Sukegawa, S. Air traffic implementation in the Asia-Pacific region 49953
Sukegawa, T. *see* Kamiyama, K. 61125
Sukegawa, T. *see* Kimura, M. 808
Sukegawa, T. *see* Kimura, M. 30790
Sukegawa, T. *see* Udono, H. 12247
Sukhacheva, L., Victorov, S. Remotely sensed and conventional data fusion for investigation of spatial and temporal variability of hydrophysical fields in the Neva Bay and the eastern part of the Gulf of Finland 28663
Sukhan Lee Sensor fusion and planning with perception-action network 24968
Sukhanov, A.A. *see* Polyakov, V.I. 54268
Sukhanov, V.I., Kuchinskii, S.A., Andreeva, O.V. Diffraction efficiency of amplitude-phase holograms recorded in a silver-containing porous glass 14414
Sukhanov, Ya.N. *see* Baryshev, Yu.P. 32198
Sukhanov, Ya.N. *see* Ershov, A.P. 12714
Sukharevsky, O.I., Vasilets, V.A. Impulse characteristics of smooth objects in bistatic case 36217
Sukhikh, L.L. *see* Kozyrev, S.P. 29913
Sukho Lee *see* Taeck-Geun Kwon 15676
Sukhoivanov, I. Modeling of semiconductor laser with large signal modulation 44540
Sukhoivanov, I. *see* Manshura, A. 44485
Sukhorukov, A.P., Trofimov, V.A., Lu Sin Mean-square divergence as a measure of the laser beam quality in adaptive optics 3958
Sukhorukov, A.P. *see* Komissarova, M.V. 14390
Sukhorukov, Y.P., Loshkareva, N.N., Tugushev, S.N. Great magnetic linear dichroism in $HgCr_2Se_4$ and construction of an IR modulator based on it (great MLD in $HgCr_2Se_4$) 23601
Sukhov, A.M. *see* Tsyganov, Yu.S. 58658
Sukhushin, K. *see* Andreev, J. 45362
Sukidi, N. *see* Bachmann, K.J. 52620
Sukidi, N. *see* Bachmann, K.J. 52693
Sukjae Lee *see* Hyeongtag Jeon 42696
Sukkar, R.A., Chin-Hui Lee Vocabulary independent discriminative utterance verification for nonkeyword rejection in subword based speech recognition 14870
Sukkar, R.A., Setlur, A.R., Rahim, M.G., Chin-Hui Lee Utterance verification of keyword strings using word-based minimum verification error (WB-MVE) training 15048
Sukkar, R.A. *see* Setlur, A.R. 15135
Sukumar, R. *see* Krishnan, A. 10002
Sukuraba, H. *see* Shima, K. 320
Sul Seung-Ki *see* Seung-Ki Sul
Sulak, F. *see* Cogan, A.I. 21969
Sulak, L. *see* Akchurin, N. 37257
Sulakshin, S.A. *see* Novikov, S.S. 53584
Sulciner, J.D. Understanding and using PRTD technology. II. Selection 27539
Sulciner, J.D. Understanding and using PRTD technology. I. History, principles, and designs 36471
Sulciner, J.D. Understanding and using PRTD technology. III. Calibration 36476
Suleiman, B.M., Gustafsson, S.E., Borjesson, L. A practical cryogenic resistive sensor for thermal conductivity measurements 36540
Suleiman, M.B., Ismail, F.B., Ariffin, K., Atan, A.B.M. Partitioning ordinary differential equations using Runge-Kutta methods 10501
Suleymanov, R.A. *see* Ozdemir, S. 22286
Sulhoff, J. *see* Garrett, L.D. 16701
Sulhoff, J.W. *see* Bergano, N.S. 26823
Sulhoff, J.W. *see* Garrett, L.D. 26872
Sulhoff, J.W. *see* Garrett, L.D. 55474
Sulhoff, J.W. *see* Srivastava, A.K. 36134
Sulhoff, J.W. *see* Sun, Y. 36127
Sulhoff, J.W. *see* Wilson, G.C. 13688
Suli, E. *see* Borzi, A. 40278
Sulic, D.M. *see* Grubor, D.P. 38050
Sulik, B. *see* Vikor, G. 18141
Sulima, O.V. *see* Bett, A.W. 38993
Sulimma, K. *see* Bieser, F. 59307
Sulimov, V.B., Sokolov, V.O., Dianov, E.M., Poumellec, B. Photoinduced structural transformations in silica glass: the role of oxygen vacancies in the mechanism of formation of refractive-index gratings by UV irradiation of optical fibres 13605
Sulin Gu *see* Feng Wang 54378
Sulkin, A. Can CTI break into the PBX market? 6391
Sulkin, A. PBX market prepares for major changes ahead 35867
Sullivan, A., Turner, W.C. Eye in the sky: airship surveillance 7201
Sullivan, A. *see* Augustin, E.P. 4344
Sullivan, B.T., Lockwood, D.J., Labbe, H.J., Lu, Z.-H. Photoluminescence in amorphous Si/SiO_2 superlattices fabricated by magnetron sputtering 2282
Sullivan, B.T. *see* Popov, K.V. 55379
Sullivan, B.T. *see* Tikhonravov, A.V. 3499
Sullivan, C., Funer, R., Rust, R.D., Witty, M. Low cost MCM-L for vehicle applications: Innerlayer materials and process 9692
Sullivan, C., Furner, R., Rust, R.D. Yield and uniformity comparisons of liquid photoresists with dry film as a control 1803
Sullivan, C.A. *see* Lehecka, T. 23734
Sullivan, C.R., Sanders, S.R. Soft-switched square-wave half-bridge DC-DC converter 53023
Sullivan, C.T. *see* Smith, R.E. 33010
Sullivan, C.T. *see* Vawter, G.A. 33130
Sullivan, E.J. *see* Candy, J.V. 34969
Sullivan, E.V. *see* Ford, J.M. 18412
Sullivan, J. *see* Akchurin, N. 37257
Sullivan, J.H., Woodall, W.H. A comparison of multivariate control charts for individual observations 39899
Sullivan, J.J. *see* Hansen, S.P. 13058
Sullivan, J.J. *see* Kaloyeros, A.E. 12819
Sullivan, J.J. *see* Hepp, A.F. *(editor)* 39520
Sullivan, J.L., Adams, J.W., Burriesce, J., Roosta, R. Linear phase FIR digital filter selection using parametric sets of MCLWSE performance curves 4868
Sullivan, J.L., Adams, J.W., Roosta, R. Peak-constrained least-squares IIR digital filters using recursive quadratic programming 1620
Sullivan, J.L., Adams, J.W., Roosta, R. The automatic generation of performance curves for families of FIR filters 1621
Sullivan, J.L., Adams, J.W., Roosta, R. The design of constrained minimax FIR digital filters using quadratic programming 4892
Sullivan, J.M., Jr., Zhang, J.Q. Adaptive mesh generation using a normal offsetting technique 52578
Sullivan, J.P. *see* Britton, C.L., Jr. 59321
Sullivan, J.P. *see* Missert, N. 41769
Sullivan, M. *see* Couvignou, P.A. 17521
Sullivan, M. *see* Kennedy, J. 35924
Sullivan, M. *see* Tungate, S. 40777
Sullivan, M.C., Wegman, E.J. A normalized correlation estimator for complex data based on a quadruplex transformation 24992
Sullivan, M.D. *see* McDaniel, W.C. 59813
Sullivan, P., Pollard, A. Coherent structure identification from the analysis of hot-wire data 17863
Sullivan, P. *see* Gampell, D. 61234
Sullivan, P. *see* Ihra, R. 19666
Sullivan, R.G. A parametric study analyzing the impact of space-based sensors on Navy Theater Ballistic Missile Defense performance for theater-wide systems 38173
Sullivan, R.M., Hoffman, C.G., Rao, G.M. AMPTE/CCE battery and charger performance 18725
Sullivan, S.P. *see* Obrutsky, L.S. 40704
Sullivan, T.P. *see* Zaffanella, L.E. 33787
Sullivan, W.G., Daghestani, S.F., Parsaei, H.R. Multivariate analysis of student performance in large engineering economy classes 20485
Sullo, P. *see* Raghavachari, M. 54757
Sulong, G. *see* Manaf, A.A. 35303
Sultan, A. Virtual instrumentation application in lamp ballasts testing 39400
Sultan, M.F., O'Rourke, M.J. Temperature sensing by band gap optical absorption in semiconductors 36619
Sultan, M.F., O'Rourke, M.J. High temperature sensors based on thermal radiation integrative waveguides 39351
Sultan, N., Trueman, C.W., Kubina, S.J., Pellerin, T. Experimental validation of NEC analysis of software models of tape wound helical satellite antennas 34325
Sultan, N. *see* Wood, P.J. 34463
Sultanem, F. *see* Bergeal, J. 8944
Sultanova, T.S. *see* Gornov, A.O. 92
Sultansoy, S. *see* Atag, S. 17963
Sulten, P. *see* Bruzek, C.E. 55102
Sulzer, M.P., Gonzalez, S.A. Simultaneous measurements of O^+ and H^+ temperatures in the topside ionosphere over Arecibo 18852
Sulzer, M.P. *see* Gonzalez, S.A. 18843
Sulzer, P.G. *see* Norton, J.R. 13319
Sulzman, E.W. *see* Braswell, B.H. 18951
Sum, K.C., Gomes, N.J. Microwave circuit design for chirp or intensity fluctuation suppression in multielectrode DFB lasers 44526
Sum, K.C., Gomes, N.J. Integrated microwave-optoelectronic simulation of semiconductor laser transmitters 55723
Sum, T. *see* Bernard, K. 46856
Sum Reddy *see* Raj Narayan, M.D. 22183
Sumakeris, J.J., Chilukuri, R.K., Davis, R.F., Lamb, H.H. Deposition of gallium nitride films using ammonia and triethylgallium seeded helium beams 10802
Sumanaweera, T.S. *see* Graham Sommer, F. 49774
Sumarokov, A.V. *see* Klyachko, A.V. 28026
Sumbaev, A. *see* Antropov, V. 49276
Sumerin, V.V. *see* Liev, L.F. 44609
Sumi, H., Inoue, H., Taguchi, M., Sugano, Y., Masuya, H., Ito, N., Kishida, S., Tokutaka, H. Characteristics of TiN films sputtered under optimized conditions of metallic mode deposition 40575
Sumi, M. *see* Derong Pan 35076
Sumi, M. *see* Ichioka, Y. 35075
Sumi, S. *see* Awano, H. 23354
Sumi, S. *see* Miyake, Y. 19997
Sumi, S. *see* Torazawa, K. 44121
Sumi, T. *see* Fukushima, T. 1475
Sumi, T. *see* Hirano, H. 1389
Sumi, T. *see* Hirano, H. 53292
Sumi, T. *see* Kohno, H. 41264
Sumi, T. *see* Oklobdzija, V. 21638
Sumi, T. *see* Okuda, T. 11528
Sumi, T. *see* Sato, H. 26526
Sumi, T. *see* Shingu, H. 53724
Sumi, T. *see* Ueda, K. 21568
Sumi, Y., Obote, S., Tsuda, K., Syoubu, K., Fukui, Y. Novel fractional-N PLL frequency synthesizer with reduced phase error 53062
Sumi, Y., Syoubu, K., Tsuda, K., Obote, S., Fukui, Y. PLL frequency synthesizer for low power consumption 40946
Sumi, Y. *see* Yamashita, H. 7215
Sumida, M. Optical time domain reflectometry using an M-ary FSK probe and coherent detection 7641
Sumida, M. *see* Murakami, M. 16782
Sumida, M. *see* Murakami, M. 26794
Sumimoto, J., Yamamoto, Y., Yokoi, T. Proposed discrimination method for the causes of lost calls based on their occurrence patterns 46690
Sumino, K. *see* Honda, T. 21224
Sumino, K. *see* Sekiguchi, T. 31950
Sumino, K. *see* Shen, B. 41880
Sumino, K. *see* Yonenaga, I. 2097
Suminto, J. Measuring acceleration in automotive safety systems 39292
Sumisawa, K. *see* Kawasaki, T. 59287
Sumita, J. *see* Kanaoka, Y. 60240
Sumita, J. *see* Noda, Y. 60960
Sumita, J. *see* Wada, H. 60893
Sumita, M. *see* Orii, Y. 12051
Sumita, S. *see* Nakagawa, S. 47477
Sumitani, H. *see* Saitoh, K. 32293
Sumitani, Y. *see* Yatsuzuka, M. 12114
Sumitomo, K. *see* Prabhakaran, K. 32245
Sumitomo, T. *see* Hsu, R. 56674
Sumiya, T., Suzuki, Y., Kasahara, T. Stiffness control in posterior-type plastic ankle-foot orthoses: effect of ankle trimline. 1. A device for measuring ankle moment 8141
Sumiya, T., Suzuki, Y., Kasahara, T. Stiffness control in posterior-type plastic ankle-foot orthoses: effect of ankle trimline. 2. Orthosis characteristics and orthosis/patient matching 8142
Sumiyama, K. *see* Peng, D.L. 919

Sumiyana, K. *see* Dong Liang Peng 55028
Sumiyoshi, F. *see* Kimura, A. 43778
Sumiyoshi, K., Hatada, Y. Two new measurement methods for determining TN structure 59048
Sumiyoshi, M. *see* Horita, T. 60369
Sumiyoshi, T. *see* Iijima, T. 37238
Sumiyoshi, T. *see* Sahu, S.K. 37360
Sumiyoshi, Y. *see* Watanabe, K. 3301
Sumiyoshitani, S. Multi- and nonuniform AC modulation Kerr measurement method for non-uniform three-dimensional electric field 48798
Summerfelt, S.R. *see* McIntyre, P.C. 32239
Summerfelt, S.R. *see* Tung-Sheng Chen 41539
Summerfield, S. *see* Anderson, M.S. 31389
Summerfield, S. *see* Chung-Kuei Lu 31388
Summers, B.F. *see* Dillard, G.M. 6871
Summers, C.J., Wagner, B.K., Tong, W. The tunnel thin film electroluminescent device 23688
Summers, C.J. *see* Benson, J.D. 21287
Summers, C.J. *see* Ilgu Yun 44253
Summers, C.J. *see* Stoffers, C. 55415
Summers, C.J. *see* Tong, W. 55414
Summers, C.J. *see* Wagner, B. 17671
Summers, C.J. *see* Warren, W.L. 44227
Summers, C.J. *see* Yang, T. 55439
Summers, D. *see* Neuffer, D. 7694
Summers, D. *see* Palmer, R.B. 17924
Summers, D. *see* Palmer, R.B. 17966
Summers, G. *see* Li, L. 55746
Summers, G.P., Xapsos, M.A., Burke, E.A. . . . Extreme value statistics to the prediction of solar flare proton effects on solar cells 38002
Summers, G.P. *see* Cotal, H.L. 37989
Summers, G.P. *see* Panunto, M.J. 39047
Summers, G.P. *see* Sharps, P.R. 37978
Summers, G.P. *see* Wojtczuk, S. 37973
Summers, G.P. *see* Xapsos, M.A. 28566
Summers, J. *see* DeGroat, J. 1067
Summers, L. *see* Shoucri, M. 18643
Summers, L.J. *see* Wagner, A.V. 30950
Summers, L.J. *see* Wagner, A.V. 39240
Summers, L.T., McKinnell, J.C., Walsh, R.P., Miller, J.R. Further studies of Nb_3Sn wire for the 45-T hybrid magnet 55139
Summers, L.T. *see* Walsh, R.P. 52835
Summers, P.E. *see* Hill, D.L.G. 18400
Summers, R.M., Feng, D.H., Holland, S.M., Sneller, M.C., Shelhamer, J.H. Virtual bronchoscopy: segmentation method for real-time display 37646
Summers, T.S.Edgecumbe *see* Edgecumbe Summers, T.S.
Summonte, C. *see* Dori, L. 58900
Summonte, C. *see* Nebel, C.E. 12304
Sumner, M. *see* Blasco-Gimenez, R. 9586
Sumner, M. *see* Blasco-Gimenez, R. 51690
Sumner, M. *see* Blasco-Gimenez, R. 51709
Sumner, M. *see* Butt, D. 9611
Sumner, M. *see* Conroy, B.P. 61143
Sumner, M. *see* Wheeler, P.W. 51691
Sumner, R.L. *see* Gorbics, M.S. 59332
Sumption, M.D., Collings, E.W. Anomalous magnetic properties and proximity effect coupling in VAMAS strands 55076
Sumption, M.D., Scanlan, R.M., Nijhuis, A., ten Kate, H.H.J., Collings, E.W. Calorimetric measurements of the effect of nickel and stabrite coatings and resistive cores on AC loss in accelerator cables under fixed pressure 43869
Sumption, M.D. *see* Collings, E.W. 43773
Sun, C. *see* Hazra, T.K. 6706
Sun, C.-K., Tan, I.-H., Bowers, J.E. High power characteristics of ultrawide-band surface-normal photodetectors 58357
Sun, C.-K., Vallee, F., Keller, S., Bowers, J.E., DenBaars, S.P. Femtosecond studies of carrier dynamics in InGaN 41983
Sun, C.-K. *see* Sanders, G.D. 3859
Sun, C.J., Yang, J.W., Lim, B.W., Chen, Q., Zubair Anwar, M., Asif Khan, M., Osinsky, A., Temkin, H., Schetzina, J.F. Mg-doped green light emitting diodes over cubic (111) $MgAl_2O_4$ substrates 44277
Sun, C.J. *see* Kato, T. 30836
Sun, C.J. *see* Khan, M.A. 13902
Sun, C.J. *see* Khan, M.A. 31509
Sun, C.J. *see* Lim, B.W. 7365
Sun, C.J. *see* Wiesmann, D. 14096
Sun, C.J. *see* Yang, J.W. 12341
Sun, C.K. *see* Welstand, R.B. 3457
Sun, C.K. *see* Welstand, R.B. 58350
Sun, C.R. *see* Murphy, C.T. 49262
Sun, C.T. *see* Zhang, X.D. 30997
Sun, C.Y. *see* Chou, W.C. 30697
Sun, C.Y. *see* Chuang, F.Y. 12063
Sun, C.Y. *see* Chuang, F.Y. 53932
Sun, C.Y. *see* Chuang, F.Y. 53933
Sun, D. *see* Momoh, J.A. 50477
Sun, D. *see* Young, P. 37201
Sun, D.L. *see* Mundschau, M. 55026
Sun, D.Z. *see* Zou Lyufan 54355
Sun, G., Friedman, L., Soref, R.A. Intersubband lasing in silicon-based quantum well structures 44548
Sun, G. *see* Friedman, L. 55698
Sun, G. *see* Pendergrass, N.A. 20466
Sun, H., Li, L. Performance analysis of leaky bucket algorithm with bursty traffic input in ATM networks 46615
Sun, H., Li, L., Liao, J. Sojourn time analysis of prioritized DQDB (IEEE 802.6) MAN with bursty traffic input 47150
Sun, H., Makita, K., Tomida, T., Hirosawa, S., Maehara, Y. Magnetic properties of Sm-Fe and Sm-Fe-Zr compounds prepared by melt spinning and nitrogenation 43620
Sun, H., Tomida, T., Hirosawa, S. Magnetic properties and microstructure studies of Sm-Fe magnetic thin films 32785
Sun, H. *see* Liao, J. 46613
Sun, H.-T., Cantalini, C., Lozzi, L., Passacantando, M., Santucci, S., Pelino, M. Microstructural effect on NO_2 sensitivity of WO_3 thin film gas sensors. Pt. 1. Thin film devices, sensors and actuators 36735
Sun, H.D. *see* Xiao, R.F. 23098
Sun, H.H. *see* Lu, F. 54148
Sun, H.H. *see* Wang, J.B. 2155
Sun, H.L. *see* Sun, H.Y. 32819
Sun, H.Q. *see* Weiping Li 56952
Sun, H.T. *see* Cantalini, C. 27730
Sun, H.Y., Sun, H.L., Liu, Y. The behaviour of the first kind of dumbbell domains with both static bias field and temperature 32819
Sun, J., Bartholomew, R.F., Bellur, K., O'Neil, P.A., Srivastava, A., Violette, K.E., Ozturk, M.C., Osburn, C.M., Masnari, N.A. Sub-half micron elevated source/drain NMOSFETs by low temperature selective epitaxial deposition 22979
Sun, J., Frohleke, N., Grotstollen, H. Harmonic reduction techniques for single-switch three-phase boost rectifiers 38836
Sun, J. *see* Assaderaghi, F. 2839
Sun, J. *see* Chen, W. 2799
Sun, J. *see* Crabbe, E. 43063
Sun, J. *see* Deaton, R. 59558
Sun, J. *see* Hu, W.S. 10841
Sun, J. *see* Kasahara, R. 43976
Sun, J. *see* Li, P. 4710
Sun, J. *see* MacFarlane, D.R. 23586
Sun, J. *see* Osburn, C.M. 12822
Sun, J. *see* Su, L. 2793
Sun, J. *see* Subbanna, S. 41161
Sun, J.H. *see* Chon, Y.K. 9307
Sun, J.J., Tsai, J.-Y., Yee, K.F., Osburn, C.M. The use of elevated source/drain structure in sub-0.1 μm NMOSFETs 54633
Sun, J.Y.-C., Gautier, J., Jenkins, K.A. Floating-body transient effects in SOI MOSFETs and circuits 42984
Sun, J.Y.-C. *see* Jenkins, K.A. 13003
Sun, J.Y.-C. *see* Voldman, S. 22978
Sun, J.Z., Gallagher, W.J., Duncombe, P.R., Krusin-Elbaum, L., Altman, R.A., Gupta, A., Lu, Yu., Gong, G.Q., Gang Xiao Observation of large low-field magnetoresistance in trilayer perpendicular transport devices made using doped manganate perovskites 3260
Sun, J.Z., Krusin-Elbaum, L., Duncombe, P.R., Gupta, A., Laibowitz, R.B. Temperature dependent, non-ohmic magnetoresistance in doped perovskite manganate trilayer junctions 43671
Sun, K.W. Self-starting of a self-mode-locked Ti:sapphire laser operated in a high order transverse mode 3767
Sun, L., Chen, Y.F., Yu, T., Ming, N.B., Ding, D.S., Lu, Z.H. (001) textured $PbTiO_3$ thin films grown on redoping n-Si by metalorganic chemical vapor deposition under reduced pressure 10847
Sun, L. *see* Lee, Y. 22717
Sun, L. *see* Lee, Y. 49297
Sun, L. *see* Lee, Y. 49306
Sun, L. *see* Lee, Y. 49309
Sun, M., Steuer, R.E. Quad-trees and linear lists for identifying nondominated criterion vectors 21041
Sun, M., Tien, J., Jones, R., Ward, R. A new approach to reproducibility assessment: clinical evaluation of SpaceLabs medical oscillometric blood pressure monitor 37612
Sun, M. *see* Qiu, Z.Y. 984
Sun, M. *see* Tsui, F.-C. 59745
Sun, M.F. *see* Chen, Y.H. 32439
Sun, M.J. *see* Chen, F.Y. 3003
Sun, M.J. *see* Chen, J.C. 3839
Sun, M.J. *see* Chen, J.C. 23923
Sun, M.J. *see* Cheng, W.H. 14503
Sun, M.S. *see* Jin, B.B. 11698
Sun, N. *see* Xia, G. 33529
Sun, N.-H. *see* Lehmann, R.E. 45462
Sun, P. *see* Xu, C.N. 43889
Sun, P.C., Mazurenko, Y.T., Fainman, Y. Real-time space/time processing with femtosecond laser pulses 24092
Sun, P.C. *see* Kellner, A.L. 6426
Sun, P.C. *see* Slutsky, B. 4480
Sun, R., Masuda, T., Kobayashi, T. Green electroluminescent emission from substituted polyacetylenes 33241
Sun, S. *see* Wolf, W. 6388
Sun, S.-S. *see* Yang, T. 55439
Sun, S.-Z. *see* Gingrich, H.S. 23975
Sun, S.C., Chen, T.F. A new post-deposition annealing method using furnace N_2O for the reduction of leakage current of CVD Ta_2O_5 storage capacitors 41541
Sun, S.C., Tsai, M.H., Chiu, H.T., Chuang, S.H. A new CVD tungsten nitride diffusion barrier for Cu interconnection 2436
Sun, S.S. *see* Lite, K. 13811
Sun, S.W. *see* Chen, C. 42610
Sun, S.Z. *see* Ortiz, G.G. 3822
Sun, T., Zhang, Z.Y., Grattan, K.T.V., Palmer, A.W. Analysis of double exponential fluorescence decay behavior for optical temperature sensing 36495
Sun, T.P. *see* Lin, C.T. 27576
Sun, T.S. *see* Sequeira, H.B. 8668
Sun, W. Cyclic reduction algorithm for solving collocation systems 527
Sun, W. *see* Hong, W. 11105
Sun, W. *see* Linzhang Lu 34503
Sun, W. *see* Wu, M.W. 12493
Sun, W. *see* Yi, M. 22912
Sun, W.T. *see* Chao, T.S. 54651
Sun, X., Reid, J.S., Kolawa, E., Nicolet, M.-A., Ruiz, R.P. Reactively sputtered Ti-Si-N films. II. Diffusion barriers for Al and Cu metallizations on Si 42651
Sun, X., Zhang, M., Wan, S., Xu, D., Di, D., Xu, W., Hao, L., He, J., Liu, N. A double-bus fiber optic sensor network 48592
Sun, X. *see* Gottlieb, U. 42270
Sun, X. *see* Hicks, L.D. 32044
Sun, X.-R. *see* Cox, L.A., Jr. 46808
Sun, X.W., Huang, H.C., Kwok, H.S. In-situ resistance measurements during pulsed laser deposition of ultrathin films 2063
Sun, Y. Using PSpice to determine lamp current variation due to electronic ballast component tolerances 39397
Sun, Y., Nix, A., McGeehan, J.P. Suitable codes design for frequency offset correction and channel matched filter in HIPERLAN 47156
Sun, Y., Srivastava, A.K., Zyskind, J.L., Sulhoff, J.W., Wolf, C., Tkach, R.W. Fast power transients in WDM optical networks with cascaded EDFAs 36127
Sun, Y., van Vliet, F.E., Tauritz, J.L., Baets, R.G.F. Monolithic narrow-band active inductors using suspended membrane passive components on silicon substrate 53711
Sun, Y. *see* Biellak, S.A. 23966
Sun, Y. *see* Lu, Q. 19105
Sun, Y. *see* Qiu, L. 50343
Sun, Y. *see* Sonoda, N. 31933
Sun, Y. *see* Sonoda, N. 42086
Sun, Y. *see* Srivastava, A.K. 36134
Sun, Y.-L. *see* Yang, I.-J. 19518
Sun, Y.H. *see* Sheau Chen 13724
Sun, Y.M. *see* Kamath, A. 22548
Sun, Y.N., Horng, M.-H., Lin, X.Z., Wang, J.-Y. Ultrasonic image analysis for liver diagnosis 18265
Sun, Y.S., Chin-Fu Ku, Yu-Chun Pan, Chia-Hui Wang, Jan-Ming Ho Performance analysis of application-level traffic shaping in a real-time multimedia conferencing system on Ethernets 57826
Sun, Y.S. *see* Ahn, K.S. 51295
Sun, Z., Chen, C.W., Parker, K.J. Variable-coefficient fixed-length coding scheme for wavelet-based image communication over noisy channels 15799
Sun, Z., Chen, C.W., Parker, K.J. Image transform coding using trellis coded quantization through noisy channels 46209
Sun, Z., Ors, T., Cruickshank, H., Evans, B.G. Implementation of ATM over satellite for broadband services 47240
Sun, Z., Tong, K.Y., Lee, W.B. Properties of furnace crystallized polysilicon films prepared by r.f. sputtering 30946
Sun, Z. *see* Cruickshank, H. 35863
Sun, Z. *see* Ors, T. 36054
Sun, Z. *see* Ortiz, G.G. 3898
Sun, Z. *see* Shen, T. 14712
Sun, Z. *see* Shen, T. 34320
Sun, Z.L. *see* Dou, W.B. 13470
Sun, Z.L. *see* Dou, W.B. 14694
Sun, Z.L. *see* Dou, W.B. 41422
Sun, Z.L. *see* Dou, W.B. 56128
Sun, Z.L. *see* Dou, W.B. 58840
Sun Aimin *see* Aimin Sun
Sun Bai Do *see* Do Sun Bai
Sun Baogen *see* Wang Guicheng 7828
Sun Baoquan, Jiang Desheng, Liu Zhenxing, Zhang Yaohui, Liu Wei An investigation of the formation mechanisms of electric field domains in GaAs/AlAs superlattices 22351
Sun Baoquan *see* Baoquan Sun
Sun Baoshen, Zhang Fan, Shen Jianzhong Synthetic aperture focusing in time-domain for acoustic imaging 60128
Sun Baoting *see* Jiang Zhiqiang 28528
Sun Chang-Qing *see* Tian Wen-Jing 44258
Sun Chang-Zheng *see* Chang-Zheng Sun
Sun Changming *see* Changming Sun
Sun Changqing, Sun Yipeng, Zhang Xi, Zhang Xiaoyuan, Jiang Dan, Gao Qian, Xu Hongding, Shen Jiacong Fabrication of a multilayer film containing cobalt phthalocyanine on the surface of a gold electrode based on electrostatic interaction and its application as an amperometric sensor of hydrazine 36785
Sun Changyin, Zhang Shuming, Ma Xiuling, Hou Xun Studies and evaluation on methods to obtain atomically clean surface of GaAs photocathode 12064
Sun Changyin, Zhang Shuming, Zhu Li'an, Sai Xiaofeng, Gao Hongkai, Hou Xun AES studies of GaAs photocathode fabrication process 12065
Sun Changyin *see* Zhang Shuming 12074

Sun Chao *see* Wu Yusheng 50371
Sun Cheng Sui *see* Sui Sun Cheng
Sun Cheng-Shou *see* Yao Wang-Bei 58086
Sun Chengcheng *see* Wang Jianbing 27143
Sun Chengcheng *see* Xie Shizhong 20835
Sun Chengwei *see* Song Shengyi 33864
Sun Chengzheng *see* Chengzheng Sun
Sun Cherngyuan *see* Shin Hwayuh 41911
Sun Ching-Cherng *see* Ching-Cherng Sun
Sun Chunxiao, Sun Yuanzhang, Lu Qiang, Li Shurong New type of nonlinear robust excitation controller 8824
Sun Chunxiao *see* Li Shurong 19227
Sun Chunxiao *see* Li Shurong 50399
Sun Chunxiao *see* Lu Qiang 50369
Sun Da Zhi *see* Da Zhi Sun
Sun Dalin *see* Dalin Sun
Sun Daoli *see* Wu Qun 24600
Sun Degui *see* Degui Sun
Sun Dian-Zhao *see* Zou Lu-Fan 54349
Sun Diechi *see* Diechi Sun
Sun Dong *see* Dong Sun
Sun Dongchang, Wang Dajun Distributed piezoelectric element method for vibration control of beams 32765
Sun Dongchang *see* Dongchang Sun
Sun Dongsong, Qiao Lijie, Hu Jinhong, Liu Zhaoyan A method of chirp signal processing for CO_2 coherent radar 36264
Sun Fai, Zhu Sha, Guo Kexin Ga-Mn icosahedral quasicrystal particles fabricated by Mn^+ implantation in GaAs 54371
Sun Gensheng *see* Li Youfen 22269
Sun Guojun *see* Zhou Huaichun 50771
Sun Haitao *see* Haitao Sun
Sun Han Te *see* Te Sun Han
Sun Hao Te *see* Te Sun Hao
Sun Hi Yoo *see* Ki Hyun Yoon 54933
Sun Hong, Wang Qingyue Theoretical study for second and third order dispersion of the dielectric cavity mirror in femtosecond pulsed lasers 3928
Sun Hong *see* Wang Zhan-Guo 2010
Sun Hong-Tao *see* Hong-Tao Sun
Sun Hongbin, Zhang Boming, Xiang Niande Nonlinear error analysis and application of Ward-type equivalent 28795
Sun Hongbo, Chen Songyan, Hu Lizhong, Li Yudong, Yu Guanghui, Su Shichang, Liu Shiyong Passive mode-locking of 1.5 μm InGaAsP quantum well lasers 44441
Sun Hongbo, Hu Lizhong, An Haiyan, Li Yudong, Liu Shiyong Generation of ultrashort optical pulse by colliding-pulse mode locking in semiconductor laser diodes 14191
Sun Hongbo, Qin Yihong, Xu Guoyu The novel approach of composite generation-transmission reliability evaluation with data uncertainty 38221
Sun Hongbo *see* Xie Yongsheng 50479
Sun Hongqiao *see* Hongqiao Sun
Sun Hyoung Kim *see* Jai Chul Song 47759
Sun Ji-Guang *see* Ji-Guang Sun
Sun Jia-Chang, Cao Jian-Wen A class of local Green-like parallel preconditioner algorithm for elliptic discrete equations. II. For-non-self-conjugate equations 625
Sun Jia-Chang *see* Jia-Chang Sun
Sun Jian *see* Jian Sun
Sun Jiazhong *see* Zhang Jie 33233
Sun Jiazi *see* Zeng Zhoumo 58586
Sun Jie *see* Jie Sun
Sun Jin Yun, Seung-Chang Lee, Jae-Jin Lee, Jeong Yong Lee Effect of a vacuum ion gauge on the contamination of a hydrogen-passivated silicon surface 12735
Sun Jinghua, Sun Qiuhua, Cui Sanlie, Ruan Shunling Survey of method for improving the contrast of image under water 20222
Sun Jingqun Some superficial opinions on lightning eliminator [for power systems] 60433
Sun Jizhong, Song Yuanhong Diffusion mechanisms of impurities in GaAs 54370
Sun Jun Hwang *see* Suh, K.S. 54961
Sun Junqiang *see* Huang Zhijian 3725
Sun Kexu *see* Cui Mingqi 37405
Sun Kexu *see* Yi Rongqing 28055
Sun Kim Hyung *see* Hyung Sun Kim
Sun Kim Su *see* Su Sun Kim
Sun Kim Young *see* Young Sun Kim
Sun Kook Kim *see* Sung Oh Cho 7718
Sun Lee Byung *see* Byung Sun Lee
Sun Li *see* Li Sun
Sun Liang *see* Han Yuejin 28967
Sun Liangyan *see* Gu Changzhi 36741
Sun Lianke *see* Zhao Shengzhi 23859
Sun Lianke *see* Lianke Sun
Sun Lin, Liu Huimin The progress and development of electric power network and transmission technology in China 28733
Sun Lir-Fang *see* Lir-Fang Sun
Sun Longhe, Yang Keming The configuration analysis for a knowledge-based intelligent airborne weapon fire and command control system 8708
Sun Longhe *see* Longhe Sun
Sun Meng *see* Meng Sun
Sun Meng-Jia *see* Zhao Jian-Ming 44791
Sun Mengjia, Zhao Jianming, Li Minqian The effect of the ammonium dichromate concentration in the post-processing on the DE of MBG hologram 33761
Sun Mengjia *see* Mengjia Sun
Sun Ming *see* Ming Sun
Sun Mingsong *see* Qian Cheng 58135
Sun Mingui *see* Mingui Sun
Sun Mingyun *see* Song Shuxian 14696
Sun Minsong *see* Jin Biaobing 55146
Sun Nai-Hsiang *see* Nai-Hsiang Sun
Sun Peixing *see* Peixing Sun
Sun Ping *see* Ping Sun
Sun Ping-Tai *see* Ping-Tai Sun
Sun Qian, Tian Guo-Yun, Liu Si-Min, Xu Jing-Jun, Zhang Guang-Yin A new method to suppress the fanning noise in the photorefractive $LiNbO_3$:Fe crystals 33740
Sun Qian *see* Liu Si-Min 43988
Sun Qian *see* Qian Sun
Sun Qihong *see* Qing Hongxia 29509
Sun Qing *see* Zhuang Yiqi 2605
Sun Qing-Feng *see* Qing-Feng Sun
Sun Qiuhua *see* Sun Jinghua 20222
Sun Ren-Ying *see* Ren-Ying Sun
Sun Ren'en *see* Tan Kexiong 29231
Sun Runguang *see* Runguang Sun
Sun Ryu Young *see* Young Sun Ryu
Sun Sey-Ping *see* Sey-Ping Sun
Sun Sey-Shing *see* Sey-Shing Sun
Sun Shan *see* Lu Ping 30936
Sun Shaobo *see* Shaobo Sun
Sun Shenghe, Wu Yanwei Unbiased estimation of instantaneous frequency using the discrete WVD 15209
Sun Shenghe *see* Wu Siliang 15314
Sun Shenghe *see* Wu Yanwei 37744
Sun Shenghe *see* Xing Qingbin 10452
Sun Shijun *see* Mao Zepu 59254
Sun Shiqian *see* Zhao Yiqiang 8716
Sun Songgen *see* Ling Cong 58124
Sun Sung Ping *see* Sung Ping Sun
Sun Suoying *see* Yuan Duorong 24099
Sun Suoying *see* Suoying Sun
Sun Tae Lee *see* Younggyun Kim 7099
Sun Tai-Ping *see* Tai-Ping Sun
Sun Taoheng *see* Wang Pengqian 14301
Sun Taoheng *see* Taoheng Sun
Sun Tietun *see* Guo Lihui 9546
Sun Tong Two-step method without harmonics suppression in error separation 17772
Sun Ung Kim *see* Ki Nam Oh 40294
Sun Ung Kim *see* Ki Nam Oh 42426
Sun Wanjun *see* Li Yanqiu 4147
Sun Wanjun *see* Wanjun Sun
Sun Weikai *see* Weikai Sun
Sun Wein-Town *see* Wein-Town Sun
Sun Weiwei *see* Bai Xuefeng 26218
Sun Weiwei *see* Weiwei Sun
Sun Wen-Sheng *see* Wen-Sheng Sun
Sun Wenyu *see* Wenyu Sun
Sun Xiangfu *see* Chen Xinfeng 18143
Sun Xianpu, Chang Yilin Methods for showing a color image in pseudo-color environment 46219
Sun Xianpu *see* Chang Yilin 32210
Sun Xianpu *see* Chang Yilin 35442
Sun Xiaobing, Bao Zheng A time-varying signal analysis based on the local correlation of signal energy 34850
Sun Xiaobing *see* Xiaobing Sun
Sun Xiaoguang *see* Qiu Xinping 61040
Sun Xiaoling *see* Xiaoling Sun
Sun Xiaorong *see* Xiaorong Sun
Sun Xiaowei, Luo Jinsheng, Lin Jinting Realization method of negative resistance circuits used in MMIC active filters 53653
Sun Xiaoyun *see* Xiaoyun Sun
Sun Xiaozi *see* Yan Yaoping 34852
Sun Xin *see* Xin Sun
Sun Xinding *see* Xu Changsheng 28087
Sun Xingchu *see* Liu Xingjun 60135
Sun Xingping *see* Xingping Sun
Sun Xiqing, Xie Huikai, Liu Litian, Li Zhijian, Tsien Peixin A silicon-based integrated wobble micromotor 38765
Sun Xiudong *see* Xiudong Sun
Sun Yachyang *see* Yachyang Sun
Sun Yi *see* Yu Xiling 10590
Sun Yicai *see* Yicai Sun
Sun Yichuang *see* Yichuang Sun
Sun Yihe *see* Xiong Bing 56374
Sun Yihe *see* Yang Huimin 58049
Sun Yihe *see* Yihe Sun
Sun Ying A research of using fault-tolerant technology in microcomputer based protection and supervisory control system for substation 51419
Sun Ying, Meng Zhaodun A software design of microcomputer protection and supervisory control system for substations by using STD bus 29510
Sun Ying, Zhang Li An STD bus based intelligent system for load shedding according to frequency 19117
Sun Ying *see* Li Yuhua 5265
Sun YinGuan *see* Gzlo Ping 46402
Sun Yingxin *see* Gao Baoxin 53679
Sun Yingzhi *see* Yingzhi Sun
Sun Yipeng *see* Sun Changqing 36785
Sun Yiyoung *see* Yiyoung Sun
Sun Yizhu *see* Duo Liping 23755
Sun Yong *see* Yong Sun
Sun Yong-Da Shear stress distribution in the vicinity of tilting disk heart valve model 59799
Sun Yonggong *see* Hu Guorong 1610
Sun Yonghao *see* Yonghao Sun
Sun Yonglin *see* Yonglin Sun
Sun Yongqiang *see* Yongqiang Sun
Sun Yongzhong Further contributions to the solution of systems of multivariable fuzzy relation equations 30495
Sun York-Yih *see* York-Yih Sun
Sun You Kim *see* Hoon Choi 46895
Sun Youmei *see* Li Changlin 37474
Sun Young Hwang *see* Young-No Kim 31041
Sun Young Sik *see* Young Sik Sun
Sun Yu *see* Yu Sun
Sun Yuanxiang, Gao Zhentong, Ma Hezhong Creep buckling of shear-deformable orthotropic viscoelastic thin plates 52853
Sun Yuanzhag *see* Li Shurong 19227
Sun Yuanzhang, Li Xiong, Dai Heping, Lu Qiang A nonlinear excitation controller to improve both power system stability and voltage regulation accuracy 19113
Sun Yuanzhang, Li Xiong, Lu Qiang Fuzzy logic controller for generator governor 38233
Sun Yuanzhang, Yang Zhiping, Zhao Zhiyong, Lu Qiang Enhancement of power system stability using nonlinear control strategy of ASVG 38280
Sun Yuanzhang *see* Li Shurong 50399
Sun Yuanzhang *see* Lu Qiang 50369
Sun Yuanzhang *see* Sun Chunxiao 8824
Sun Yuh-Maoh *see* Yuh-Maoh Sun
Sun Yuhmaoh *see* Wang Jyhming 41946
Sun Yun-Ping *see* Yun-Ping Sun
Sun Yung-Nien *see* Yung-Nien Sun
Sun Yunlian, Liu Dichen The study of image transmission in power system 25527
Sun Yuou *see* Dai Weihui 57385
Sun Yushi *see* Yushi Sun
Sun Yuzhong *see* Yuzhong Sun
Sun Zhaoyang *see* Zhaoyang Sun
Sun Zhengmin *see* Zhengmin Sun
Sun Zhengming *see* Zhengming Sun
Sun Zhi-Zhong An unconditionally stable and second-order convergent difference scheme for the system of wave equations with heat conduction 624
Sun Zhi-Zhong *see* Zhi-Zhong Sun
Sun Zhongkang *see* Chen Yongguang 8645
Sun Zhongkang *see* Cheng Hongwei 8641
Sun Zhongkang *see* Liu Qi 8644
Sun Zhongkang *see* Song Xiaoquan 8646
Sun Zhongliang *see* Dou Wenbin 11666
Sun Zhongliang *see* Qian Cheng 53683
Sun Zhongliang *see* Zhongliang Sun
Sun Zhonglin *see* Wu Chunya 9562
Sun Zhongzhe *see* Zhongzhe Sun
Sun-Cheol Heo *see* Bong-Soo Kim 50492
Sun-Jin Yun *see* Chang-Il Kim 54528
Sun-Ki Hong, Hong-Kyu-Kim, Jang-Sung Chun, Hyun-Kyo Jung Finite element analysis in electromagnetic system considering vector hysteresis characteristics 43609
Sun-Ki Hong *see* Jang-Sung Chun 44991
Sun-Koo Kang *see* Myung-Ro Kim 38576
Sun-Ung Kim *see* Yong-Jun Cho 30775
Sun-Ung Kim *see* Young-Cheol Kim 30778
Sun-Young Hwang *see* Dae-Il Oh 4523
Sun-Young Hwang *see* Hae-Dong Lee 1202
Sun-Young Hwang *see* Ick-Sung Choi 1220
Sun-Yuan Kung *see* Shang-Hung Lin 15965
Sunaba, K. *see* Tsuchiya, H. 30763
Sunada, H. *see* Sakawa, M. 40096
Sunada, T. Developers whittle SAW filters down to ultra-tiny size 11554
Sunaga, H. Common channel signalling processing and TMN operation for a B-ISDN switching system 26253
Sunaga, H., Yamada, T., Koyanagi, K., Sunaga, S. Applicability evaluation of service feature enhancement using the partial-file "plug-in" modification technique 6406
Sunaga, H. *see* Furukawa, M. 6405
Sunaga, H. *see* Ohyama, H. 22761
Sunaga, H. *see* Ohyama, H. 23685
Sunaga, H. *see* Ohyama, H. 42920
Sunaga, H. *see* Okada, S. 37024
Sunaga, K. *see* Kawashima, H. 13334
Sunaga, K. *see* Kawashima, H. 13354
Sunaga, K. *see* Yamagata, S. 13349
Sunaga, S. *see* Sunaga, H. 6406
Sunaga, T., Hosokawa, K., Nakamura, Y., Ichinose, M., Igarashi, Y. An eight-bit prefetch circuit for high-bandwidth DRAM's 21677
Sunagare, H. *see* Miyamoto, T. 58547
Sunagawa, T. *see* Kurokawa, H. 38942
Sunakawa, H., Yamaguchi, A.A., Kimura, A., Usui, A. Growth of InN by chloride-transport vapor phase epitaxy 30734
Sunakawa, H. *see* Kimura, A. 10724
Sunamoto, M., Adachi, E., Kitamura, Y., Nishikawa, T., Hatanaka, Y., Hayashi, S. Longterm reliability for high power interconnection on printed circuit board 11180
Sunamura, H. *see* Shiraki, Y. 2163
Sunaoshi, H. *see* Hattori, K. 22723
Sunaoshi, H. *see* Takamatsu, J. 32262
Sunaoshi, W. *see* Ando, T. 32264
Sunay, M.O., McLane, P.J. Diversity combining for DS CDMA systems with synchronization errors 6540
Sunberg, D.S. *see* Bliss, M. 48625
Sundal, B. *see* Beringer, J. 37394
Sundar, R.M. *see* Rajan, M.M. 18176
Sundar Rajan, B. *see* Zain, A.A. 24757

Sundara Rajan, J., Dwarakanath, K. Comparative evaluation of breakdown strength of thin insulating materials under fast transient voltages 13293
Sundaralingam, N. *see* Allison, W.W.M. 37269
Sundaram, A. *see* Abi-Samra, N. 28886
Sundaram, A. *see* Wong, K.Y. 32387
Sundaram, K.B., Desai, V.H. Electropolishing of silicon using hydrazine 54427
Sundaram, K.B., Wahid, P.F., Melendez, O. Deposition and X-ray photoelectron spectroscopy studies on sputtered cerium dioxide thin films 40619
Sundaram, M. *see* Gunapala, S.D. 17494
Sundaram, M. *see* Gunapala, S.D. 17542
Sundaram, M. *see* Gunapala, S.D. 36569
Sundaram, M. *see* Gunapala, S.D. 48665
Sundaram, P. *see* Balasubramanian, G. 30482
Sundaram, R., Ersoy, O.K. Partitioning of Hopfield networks and its application to image restoration 46119
Sundaram, R. *see* Gorur, R.S. 54963
Sundaram, R. *see* Marathe, M.V. 26085
Sundaram, R.S., Prabhu, K.M.M. Numerically stable algorithm for computing Wigner-Ville distribution 56429
Sundaram, R.Shanmuga *see* Shanmuga Sundaram, R.
Sundaram, V. *see* Morgan, M.D. 23641
Sundaram, V.S. *see* Horne, W.E. 18696
Sundararajan, D., Ahmad, M.O. Vector split-radix algorithm for DFT computation 666
Sundararajan, N. *see* Gan, Q. 15215
Sundararajan, R., Nowlin, R.W. Effect of altitude on the flashover voltage of contaminated insulators 38407
Sundararajan, V. *see* Harkar, A. 22752
Sundaravel, B., Sekar, K., Satyam, P.V., Kuri, G., Rout, B., Ghose, S.K., Mahapatra, D.P., Dev, B.N. Channeling studies on self-assembled Au_4Si islands on Br-passivated Si(111) surfaces 30810
Sundaravel, B. *see* Satyam, P.V. 32066
Sundaravel, B. *see* Satyam, P.V. 32067
Sundaresan, G. *see* Kalmanash, M. 18627
Sundaresan, H. Operational support systems: the global dimension 35576
Sundari, R.M. *see* Khadakkar, A.G. 33763
Sundberg, C.-E.W. *see* Lin, X. 4425
Sundberg, C.-E.W. *see* Papadopoulos, H.C. 6617
Sundberg, R., Risman, P.O., Kildal, P.-S., Ohlsson, T. Analysis and design of industrial microwave ovens using the finite difference time domain method 39474
Sundblad, R. *see* Engstrom, M. 59305
Sundby, S. *see* Gytre, T. 50108
Sunde, S. *see* Svensson, A.M. 29622
Sunder, T.S. *see* Rekha, A. 52377
Sunderam, V.S. *see* Gomez, J.C. 35732
Sunderland, D. *see* Ahlgren, D.C. 43253
Sunderland, D. *see* Subbanna, S. 41161
Sunderland, D.A., Jeng, S.-J., Nguyen-Ngoc, D., Martin, B., Jr, Eld, E.C., Tewksbury, T., Ahlgren, D.C., Gilbert, M.M., Malinowski, J.C., Schonenberg, K.T., Stein, K.J., Meyerson, B.S., Harame, D.L. Gate-assisted lateral PNP active load for analog SiGe HBT technology 22777
Sunderlin, T.A., Carter, J.A., III Optical vector matrix processor component characterization 3517
Sunderlin, T.A. *see* Olmstead, T. 27002
Sunderlin, T.A. *see* Wasilousky, P.A. 6956
Sundermann, U. *see* Kachler, A.J. 9297
Sundgren, J.-E. *see* Hultman, L. 696
Sundgren, J.-E. *see* Radamson, H.H. 1989
Sundgren, J.-E. *see* Wahab, Q. 12879
Sundgren, J.-E. *see* Wahab, Q. 32081
Sundhararajan, S. *see* Garcia-Ramirez, R. 32739
Sundheimer, M. *see* Baldi, P. 44689
Sundqvist, B. *see* Andersson, O.E. 36519
Sundsbo, I., Lokken Hansen, G., Aas, E.J. Comparison of two architectures for implementation of the discrete cosine transform 25742
Sundstrom, B.M. *see* McKinley, M.C. 36874
Sundstrom, L., Faulkner, M., Johansson, M. Quantization analysis and design of a digital predistortion linearizer for RF power amplifiers 1451
Sundukov, A.V., Yuschuk, N.D., Gonchukov, S.A., Kuskova, T.K. Clinical evaluation of the efficiency of invasive irradiation of blood in the treatment of diphtheria 8098
Sune, J., Oriols, X., Martin, F., Aymerich, X. Bohm trajectories and their potential use for the Monte Carlo simulation of resonant tunnelling diodes 2729
Sune, J. *see* Garcia-Garcia, J. 22754
Sune, J. *see* Nafria, M. 13209
Sune, J.L. *see* Rebuffel, V. 5112
Sune-Jian Liou *see* Fong-Chin Su 7900
Sunemark, M., Edenbrandt, L., Holst, H., Sirnmo, L. New techniques for serial ECG/VCG analysis 49707
Sunesson, A. *see* Barmann, P. 23126
Sung, C.-T. On the MPEG audio-video synchronization 46409
Sung, C.C. *see* Ruffin, P. 28698
Sung, C.K. *see* Turner, J. 12809
Sung, C.Y., Wang, H.H., Norris, T.B., Whitaker, J.F. Ultrafast electron and hole trapping times and defect band saturation dynamics in low-temperature-grown GaAs 31813
Sung, D.K. *see* Chung, M.Y. 47314
Sung, D.K. *see* Kang, S.H. 57611
Sung, J. *see* Bell, S. 51650
Sung, K.M. *see* Baek, H.L. 50977
Sung, M.M., Kim, C., Rabalais, J.W. Method for determining the composition and orientation of III-V {001} semiconductor surfaces 12238
Sung, S.H. *see* Chee, S. 14796
Sung, S.K.Y. *see* RayChaudhuri, T. 15697
Sung, T. *see* Popovici, G. 51571
Sung, Y.K. *see* Seung Hwan Yi 48744
Sung Bum Pan, Rae-Hong Park Unified systolic arrays for computation of the DCT/DST/DHT 56438
Sung Bum Pan, Seung Soo Chae, Rae-Hong Park VLSI architectures for block matching algorithms using systolic arrays 1431
Sung Bum Pan, Seung Soo Chae, Rae-Hong Park A novel VLSI architecture for the full search block matching algorithm using systolic array 5172
Sung Bum Pan *see* Seung Soo Chae 7070
Sung Chul Hong *see* Hee Sang Chung 44063
Sung Chul Kim *see* Young Jae Huh 43898
Sung Chun Kim *see* Byoung Seob Park 46657
Sung Dae-Yong *see* Dae-Yong Sung
Sung Dan Keun *see* Dan Keun Sung
Sung Gun Yong *see* Gun Yong Sung
Sung Ha-Jong *see* Ju Kyoung-Hwan 34838
Sung Han *see* Seok-Keun Koh 42671
Sung Han Park *see* Sang Jin Kim 57976
Sung Hee Cho, Jae Soo Yoo, Jong Duk Lee Synthesis and low-voltage characteristics of $CaTiO_3$:Pr luminescent powders 13813
Sung Ho Cho, JongMin Lee, Chong-Sun Hwang, WonGyu Lee Hybrid concurrency control for mobile computing 57923
Sung Ho Cho, Sang Duck Kim Adaptive filters based on the high order error statistics 56486
Sung Ho Choh *see* Tae Ho Yeom 23690
Sung Ho Kim *see* Do-Kyeong Ko 3709
Sung Ho Kim *see* Won Kweon Jang 44370
Sung Ho Kim *see* Won-Kweon Jang 23768
Sung Ho Lee, Kyu-Jun Park, Jin Woo Jung, Sung Soo Kang, Seung-Hun Yang Thermally stimulated current peaks from subband gap states in undoped a-Si:H 41819
Sung Ho Lim, Dong Myung Ahn, Duk Whan Kim, Dae Young Kim Cell loss reduction by cell unit interleaving in wireless ATM networks 5721
Sung Ho Shin *see* Eun A. Lee 40498
Sung Hongki *see* Hongki Sung
Sung Hoon Kim, Young Soo Park, In Taek Han, Wan Soo Yun, hae Kyoung Baek, Jo-Won Lee Application of cyclic process to (100)-oriented texture growth of diamond film 30883
Sung Hoon Yang *see* Young Ho Park 3948
Sung Hung-Sung *see* Hung-Sung Sung
Sung Hwan Bae *see* Dae Ik Kim 11446
Sung Hwan Kim *see* Jung Bong Lee 48015
Sung Hyo-Kyung *see* Hyo-Kyung Sung
Sung Hyun Cho *see* Yong Keol Kim 55010
Sung Hyun Park, Hyek Hwan Choi, Tae Ha Kwon Semiconductor sensors for detecting TMA gas 36773
Sung Hyung Jin *see* Hyung Jin Sung
Sung In Moon *see* Tiehua Piao 61026
Sung Jae Lee *see* Kwang Soo Cho 26437
Sung Je Hong *see* Jeong Beom Kim 53244
Sung June Kim *see* Moon Jung Kim 44315
Sung Keong Mo *see* Keong Mo Sung
Sung Kim, Young Ryul Lee, Jun Mo Koo, Jai Bok Han PLD based protection system [for nuclear power plants] 50704
Sung Kim *see* Seog Nam Kim 29047
Sung Kim Eung *see* Eung Sung Kim
Sung Kim Jin *see* Jin Sung Kim
Sung Kim Jong *see* Jong Sung Kim
Sung Kim Jun *see* Jun Sung Kim
Sung Koengmo *see* Koengmo Sung
Sung Kuo-Tung *see* Kuo-Tung Sung
Sung Kyou Lim *see* Hosung Chang 33200
Sung Lee Soon *see* Soon Sung Lee
Sung Lim Jae *see* Jae Sung Lim
Sung Man Lee *see* Gi Bum Kim 10678
Sung Man-Young *see* Man-Young Sung
Sung Min Hwang *see* Seong-Il Kim 10756
Sung Moon Shin, Dan Keun Sung DS-CDMA reverse link power according to frequency assignment 16572
Sung Oh Cho, Byung Cheol Lee, Young Uk Jeong, Sun Kook Kim, Jongmin Lee, Kie Hyung Chung Transient behavior of the terminal voltage in a recirculating electrostatic accelerator for a long-pulse free-electron laser 7718
Sung Park Hae *see* Hae Sung Park
Sung Pil Lee, Kun-Joo Park Humidity sensitive field effect transistors 27479
Sung Pil Yoon *see* In-Hwan Oh 51508
Sung Ping Sun High precision pick-and-place for area-array packages 39830
Sung Soo Jung, Min Gon Kim A versatile noncontact sound-speed measuring system using optical probing of an electric discharging sound pulse 17871
Sung Soo Kang *see* Jai Gab Cho 22513
Sung Soo Kang *see* Sung Ho Lee 41819
Sung Weon Kang, Jin Ho Lee, Yoon-Ho Song, Syoung Gon Yu, Kyoung Ik Cho, Hyung Joun Yoo A novel structure of silicon field emission cathode with sputtered TiW for gate electrode and TEOS oxide for gate dielectric 41768
Sung Wonyong *see* Wonyong Sung
Sung Woo Choi *see* Jong-Hyeob Baek 52627
Sung Yong Hong *see* Tae Hong Lee 15464
Sung Yoon Dae *see* Dae Sung Yoon
Sung Youl-Moon *see* Youl-Moon Sung
Sung Yung-Kwon *see* Yung-Kwon Sung
Sung-Bae Cho Recognition of unconstrained handwritten numerals by doubly self-organizing neural network 15551
Sung-Bae Cho *see* Younki Min 5644
Sung-Bae Lee *see* Sang-Bae Yi 22465
Sung-Bong Yang *see* Oh-Young Kwon 21157
Sung-Bum Park, Nanya, T. Synthesis of asynchronous circuits from signal transition graph specifications 41110
Sung-Chan Hong *see* Kyoung-Yul Bae 40027
Sung-Chan Hong *see* Kyu-Sik Park 57209
Sung-Cheng Huang *see* Chinn, G. 28210
Sung-Cheng Huang *see* Kang-Ping Lin 18329
Sung-Chien Lin, Lee-Feng Chien, Keh-Jiann Chen, Lin-Shan Lee An efficient voice retrieval system for very-large-vocabulary Chinese textual databases with a clustered language model 14918
Sung-Chul Kim *see* Byung-Moon Jin 54945
Sung-Chul Kim *see* Moon-Ho Kye 51324
Sung-Chul Shin *see* Mu-Gyeom Kim 17292
Sung-Chul Shin *see* Srinivas, G. 3186
Sung-Chul Shin *see* Sug-Bong Choe 10870
Sung-Dae Yi *see* Kuk-Tae Hong 53446
Sung-Do Kim *see* Chung-Wook Suh 58044
Sung-Duck Kim *see* Jae-Kee Jeong 8916
Sung-Gap Lee *see* In-Gil Park 43423
Sung-Gon Jin *see* Sam-Dong Kim 42541
Sung-Han Park *see* Tae-Hyeon Kim 25468
Sung-Han Park *see* Tae-Hyeon Kim 53776
Sung-Han Park *see* Tae-Hyeon Kim 58643
Sung-Hark Chung, Hu-Gon Kim, Yong-Seok Yoon, Dong-Wan Tcha Cost-minimizing construction of a unidirectional SHR with diverse protection 26882
Sung-Ho Bae, Kil-Houm Park Fractal image compression based on wavelet transform domain using significant coefficient tree 57171
Sung-Ho Park *see* Jun-O Jeong 2587
Sung-Hoon Lee *see* Ha-Soo Kim 30898
Sung-Hoon Lee *see* Soo-Ho Bae 33264
Sung-Hun Oh, Dai-Il Kim, Oon-Pyo Zhu, Kern-Jung Kim A study on the failure detection and validation of pressurizer level sensor signal in nuclear power plant 50701
Sung-Hwan Ong *see* Young-Hwan Kim 55057
Sung-Hyun Han *see* Hyun-Ki Hong 38168
Sung-Hyun Han *see* Hyun-Ki Hong 60161
Sung-Hyun Han *see* Yeong-An Jeong 57057
Sung-Hyun Yoon *see* Hyung-Woo Lee 57775
Sung-Hyun Yun, Tai-Yun Kim Convertible undeniable signature scheme 56361
Sung-Hyun Yun *see* Seh-Joon Dokko 57774
Sung-Il Chien *see* Kye-Kyung Kim 57173
Sung-Jea Ko *see* Kyung-Hoon Lee 57063
Sung-Jea Ko *see* Kyung-Hoon Lee 57189
Sung-Jea Ko *see* Morales, A. 35344
Sung-Jin Moon *see* Hea-Sook Park 6397
Sung-Jin Son *see* Cheul-Ro Lee 688
Sung-Joo Kim *see* Hajin Yu 34701
Sung-Joong Kim *see* Jong-Man Kim 46218
Sung-June Park *see* Se-Kwang Park 27444
Sung-Kie Youn *see* Ki Bang Lee 13191
Sung-Kie Youn *see* Kyoung-Sun Seo 13774
Sung-Kie Youn *see* Kyoung-Sun Seo 23630
Sung-Kie Youn *see* Kyoung-Sun Seo 44152
Sung-Lae Cho *see* Do-Heyoung Kim 12583
Sung-Lae Cho *see* Gyu-Chang Jun 42259
Sung-Man Lee *see* Dong-Soo Yoon 2431
Sung-Man Lee *see* Seung-Joo Lee 19952
Sung-Min Hang *see* Hon-Sung Kim 60593
Sung-Min Hwang *see* Tae Geun Kim 33531
Sung-Min Hwang *see* Tae-Geun Kim 12422
Sung-Ming Yen Cryptanalysis and repair of the multi-verifier signature with verifier specification 14853
Sung-Ming Yen Improved normal basis inversion in $GF(2^m)$ 30412
Sung-Ming Yen Security of a one-time signature 56289
Sung-Mo Kang *see* Chang, E.C. 11042
Sung-Mo Kang *see* Hill, A.M. 1287
Sung-Mo Kang *see* Hill, A.M. 2780
Sung-Mo Kang *see* Hill, A.M. 21550
Sung-Mo Kang *see* Kutuk, H. 1291
Sung-Mo Kang *see* Li-Pen Yuan 13123
Sung-Mo Kang *see* Mena, P.V. 55598
Sung-Mo Kang *see* Ramaswamy, S. 22833
Sung-Mo Kang *see* Yi-Kan Cheng 2782
Sung-Mo Kang *see* Yi-Kan Cheng 13132
Sung-Moon Chun *see* Joo-Hee Moon 35197
Sung-Muk Lee *see* Seong-Ho Jeon 32271
Sung-Oan Kim *see* Tae-Yong Kim 25331
Sung-Oh Kwon *see* Jung-Wook Cho 53504
Sung-Po Wei *see* Zhu, X.D. 28154
Sung-Soo Hong, Byeong-Rim Jo, Myung-Joong Youn Duty cycle generator for average model of buck converter with current-mode control-using analog behavioral modeling of PSpice 9320
Sung-Soo Kim *see* Il-Hyeong Lee 53576
Sung-Soo Lee *see* Jin-Ki Kim 1402
Sung-Soo Lee *see* Jin-Ki Kim 53294
Sung-Tae Ahn *see* Jin-Ki Kim 1402
Sung-Tae Ahn *see* Jin-Ki Kim 53294
Sung-Tae Kim, Hyun-Ho Kim, Moon-Yong Lee, Won-Jong Lee Investigation of Pt/Ti bottom electrodes for $Pb(Zr,Ti)O_3$ films 30927
Sung-Tae Kim *see* Hee-Jin Yee 27699

Sung-Tae Kim *see* Jong-Uk Bu 17255
Sung-Uk Kim *see* Junmo Koo 52745
Sung-Wai Hong, Yuk-Hee Chan, Wan-Chi Siu A practical real-time post-processing technique for block effect elimination 57087
Sung-Won Ban *see* Young-Choon Kim 15677
Sung-Won Lee, Dong-Ho Cho Reservation CDMA for distributed wireless LAN 26226
Sung-Won Oh *see* Blair, H.D. 20847
Sung-Woo Park *see* Ho-Sook Lee 58319
Sung-Wook Moon *see* Sang-Hee Suh 30777
Sung-Woong Ra *see* Moon-Kyun Oh 57577
Sung-Yang Bang *see* Hea-Yeal Yoo 1651
Sung-Yang Bang *see* Jin-Soo Lee 5019
Sungbae Eun *see* Jaehyung Park 26423
Sungbin Im, Powers, E.J. A block LMS algorithm for third-order frequency-domain Volterra filters 45842
Sungbok Lee *see* Miller, J.D. 14997
Sungchun Kim *see* Hwakyung Rim 58237
Sunggi Baik *see* Kyeong Seok Lee 54920
Sungho Kang Sampling based design verification using design error models 10015
Sungho Kang *see* Yong Seok Kang 11398
Sungho Kang *see* Yong-Seok Kang 21664
Sunghyun Baek *see* Jaiwan Cho 46021
Sungjoon Kim, Kyeongho Lee, Yongsam Moon, Deog-Kyoon Jeong, Yunho Choi, Hyung Kyu Lim A 960 Mbps/pin interface for skew-tolerant bus using low jitter PLL 2820
SungJun Joo, Seo, J.H. Design and analysis of the nonlinear feedback linearizing control for an electromagnetic suspension system 14539
Sungkook Park *see* Haksoo Han 58391
Sungkwun Kim *see* In-Hwan Oh 50970
Sungkyoo Lim *see* Seongjin Kim 53961
Sungsoo Kim *see* Park, N. 31673
Sungsoo Park *see* Haksoo Han 58391
Sungtae Jung Transformation from asynchronous finite state machines to signal transition graphs for speed-independent circuit synthesis 41053
Sungur, M. *see* Gelenbe, E. 16368
Sungwoon Lee *see* Sanjo Lee 53968
Sunil Yu *see* Il-Kwon Kim 41170
Suning Tanp, Ting Li, Feiming Li, Linghui Wu, Dubinovsky, M., Wickman, R., Chen, R.T. 1-GHz clock signal distribution for multi-processor super computers 55345
Sunjaya, J. *see* Lee, T.Y.S. 52426
Sunjoo Wi *see* Yongjun Im 46821
Sunkara, R. *see* Moynihan, G.P. 49927
Sunmi Hong *see* Jooseok Song 26316
Sunmoo Kang, Byungchun Jeon, Daeyoung Kim Effective priority control and addressing scheme for high-speed ring network 46781
Sunnup Lee *see* Sanjo Lee 53968
Sunohara, M. *see* Tomita, H. 13485
Sunouchi, K., Kawaguchiya, H., Matsuda, S., Nomura, H., Shino, T., Wlurooka, K., Sugihara, S., Mitsui, S., Kondo, K., Kikuchi, Y., Deguchi, K., Fukuda, M., Oda, M., Uchiyama, S., Suzuki, M., Watanabe, T., Yamada, K. 240 nm pitch 4 GDRAM array MOSFET technologies with X-ray lithography 41169
Sunouchi, K. *see* Kikuchi, Y. 31256
Suntao Yang, Pfotenhauer, J.M. Optimization of the intercept temperature for high temperature superconducting current lead 32951
Sunter, S. *see* Arabi, K. 1047
Sunter, S.K. Cost/benefit analysis of the P1149.4 mixed-signal test bus 11608
Suntharalingam, V., Fonash, S.J. A C-V examination of the electrically reversible depassivation/passivation mechanism in polycrystalline silicon 2417
Suntharalingam, V., Fonash, S.J., Awadelkarim, O.O. Device degradation in n- and p-channel polysilicon TFTs as a function of different electrical stress configurations 12949
Suntio, T., Glad, A., Waltari, P. Constant-current vs. constant-power protected rectifier as a DC UPS system's building block 51213
Suntola, T. Atomic layer epitaxy for high volume FPD manufacturing 10743
Suntola, T. *see* Haukka, S. 52692
Sunwoo, M.H. *see* Jung, J.W. 6649
Sunwoo, M.H. *see* Soohwan Ong 1503
Sunwoo Myung Hoon *see* Myung Hoon Sunwoo
Sunyach, M. *see* Brissaud, M. 17117
Suo Jianqin *see* Wang Huanzhao 29083
Suo Wu *see* Wu Suo
Suo-Chun Zhang *see* Zhang Suo-Chun
Suohai, M. *see* Avramov, I.D. 3019
Suohai Mei *see* Mei Suohai
Suomin Cui, Dongxing Jin, Dagang Fang Scattering-center analysis of radar targets with the use of the matrix pencil method combined with the GTD-based model 48052
Suoranta, R. *see* Mattila, P. 28691
Suoying Sun *see* Duorong Yuan 32982
Suoying Sun *see* Sun Suoying
Sup Kim Woo *see* Woo Sup Kim
Sup Lee Bang *see* Bang Sup Lee
Sup Shin Yun *see* Yun Sup Shin
Sup Yoon En *see* En Sup Yoon
Supancic, P., Schullatz, M., Hohenester, U., Kocevar, P., Rota, L. A theoretical analysis of the picosecond and sub-picosecond infrared-absorption spectroscopy of hot holes in germanium 31761
Super, B.J., Klarquist, W.N. Patch-based stereo in a general binocular viewing geometry 46312
Superti Furga, G., Tironi, E., Ubezio, G. Shunt active filter for four wire low-voltage systems: theoretical operating limits and measures for performance improvement 50333
Superti Furga, G. *see* Monti, A. 38888
Suphasith, S. *see* Chen, K. 9738
Suping Liu *see* Liu Suping
Supino, P. *see* Lu, P. 37739
Supmonchai, B. *see* Szymanski, T.H. 55348
Suponev, N.P., Grechishkin, R.M., Lyakhova, M.B., Pushkar, Yu.E. Angular dependence of coercive field in $(Sm,Zr)(Co,Cu,Fe)_z$ alloys 3150
Supplee, L.M. *see* Bielefeld, M.R. 16472
Suprapedi *see* Yoshida, S. 21394
Suprapedi *see* Yoshida, S. 36886
Supronowicz, H. *see* Kurowski, T. 8749
Suprunchik, V.V. Hopping transport in silicon layers with a low content of impurity atoms 22193
Suqing Tan *see* Tan Suqing
Sur, B., Turlik, I. Creep/plastic deformation of components during power cycling of a multichip module 53880
Sur, H. *see* Bothra, S. 42707
Sura, J. *see* Calabretta, L. 49145
Sura, J. *see* Ciavola, G. 49283
Suraci, A. *see* Bezaguet, A. 49013
Surakampontorn, W., Kumwachara, K., Riewruja, V., Surawatpunya, C. CMOS-based integrable electronically tunable floating general impedance inverter 41297
Suramo, R. *see* Arjas, E. 417
Suran, G., Niedoba, H., Naili, M., Acher, O., Meyer, V., Boscher, C., Perrin, G. Magnetic properties of CoFeZr amorphous thin films 3087
Suranov, A.S. *see* Sakhno, V.I. 21296
Surapong, C., Bundit, L. An assessment of the potential for cool storage application in the Thai commercial sector 9736
Suratkar, P.P. *see* Lad, M.G. 3850
Surawatpunya, C. *see* Surakampontorn, W. 41297
Suraweera, F. *see* Venema, S. 21076
Surber, J., McHugh, L. Single-chip direct digital synthesis vs. the analog PLL 53389
Surber, J. *see* Hill, A. 21776
Surdu, M.N., Salyuk, V.P. Improving the accuracy of autotransformer and transformer alternating-current bridges 51241
Sureaut, A. *see* Benredjem, D. 13913
Sureda, F. *see* Pellot, C. 7880
Suresh, P. *see* Mali, S. 19300
Suresh, S. *see* Shen, Y.I. 42788
Suresh, S. *see* Sujana, H. 28223
Suresh Nair, K.R., Patro, Y.G.K., Shevgaonkar, R.K. Analysis of velocity matched coplanar waveguide integrated optic modulator electrode structure 3458
Suresh Nair, K.R. *see* Bhatnagar, A. 3436
Surette, E. Profiting from pollution prevention through DFE 39952
Surette, E., Pattantyus, A. Rinse water requirements for semi-aqueous/aqueous cleaning systems 39949
Suri, C.R., Mishra, G.C. A specific microgravimetric immunobiosensor for monitoring insulin concentration 18184
Suri, C.Raman *see* Raman Suri, C.
Suri, J.S., Haralick, R.M., Sheehan, F.H. Accurate left ventricle apex position and boundary estimation from noisy ventriculograms 37731
Suri, J.S., Hwalick, R.M., Sheehan, F.H. Correction of systematic errors in automatically produced boundaries from low-contrast ventriculograms 18247
Suri, M. *see* Pitkaranta, J. 10423
Suri, M. *see* Schwab, C. 10554
Suriano, M.A. *see* Vega-Pineda, J. 5547
Suriansky, J. *see* Spaldonova, D. 18961
Surin, L.A. *see* Dumesh, B.S. 7549
Surin, V.P. *see* Akimov, V.A. 28024
Surinach, S., Illekova, E., Baro, M.D., Jha, A., Jordery, S. Evaluation of crystal nucleation and growth from crystallization kinetics data of new halide glasses 30989
Surinach, S., Illekova, E., Zhang, G., Poulain, M., Baro, M.D. Optical fiber-drawing temperature of fluorogallate glasses 3367
Suris, R.A. *see* Asryan, L.V. 55622
Surk Lee Yong *see* Yong Surk Lee
Surk-Woo Jang, Gye-Young Kim, Hyung-Il Choi Extracting velocity information of multiple moving objects 25766
Surkau, R., Becker, J., Ebert, M., Grossmann, T., Heil, W., Hofmann, D., Humblot, H., Leduc, M., Otten, E.W., Rohe, D., Siemensmeyer, K., Steiner, M., Tasset, F., Trautmann, N. Realization of a broad band neutron spin filter with compressed, polarized ^{3}He gas 37093
Surko, C.M. *see* Gilbert, S.J. 49311
Surko, C.M. *see* Greaves, R.G. 27989
Surma, B. *see* Malinowski, M. 3735
Surma, B. *see* Strupinski, W. 693
Surma, D.R., Tongsima, S., Sha, E.H.-M. Optimal communication scheduling based on collision graph model 25216
Surma, M. *see* Kutrowski, M. 10723
Surmann, H. *see* Guo, S. 1636
Surovic, C.W. *see* Deutsch, A. 31562
Surovic, C.W. *see* Deutsch, A. 43289
Surowiec, J. *see* Webb, D.J. 37700
Surrel, Y. Additive noise effect in digital phase detection 36941
Surrel, Y., Fournier, N. Displacement field measurement in the nanometer range 1016
Surridge, R.K. *see* Zhang, Q.M. 12899
Surry, J., Kezele, D., Risley, C. The contamination of acoustic pressure measurements by sensor oscillations 18908
Surry, P.D., Radcliffe, N.J. Formal algorithms+formal representations=search strategies 10383
Surti, P., Chao, L.-F. Controller power estimation using information from behavioral description 11294
Suruceanu, G.I. *see* Mawst, L.J. 44551
Suruceanu, G.I. *see* Syrbu, A.V. 3846
Suruki, R. *see* Yoshizaki, S. 43315
Survaiya, S.P., Shevgaonkar, R.K. Design of low dispersion optical links 6746
Surya, C., Wang, W., Fong, W.K., Chan, C.H., Lai, P.T. Effects of Ar^+ back-surface gettering on the properties of flicker noise in n-channel nitrided MOSFETs 2672
Surya, C., Wang, W., Fong, W.K., Chan, C.H., Lai, P.T. Properties of Si-SiO_2 interface traps due to low-energy Ar^+ backsurface bombardment in n-channel nitrided MOSFETs 32434
Suryadevara, R. *see* Tannenbaum, B. 15899
Suryanarayana, D. *see* White, L. 39846
Suryanarayana Rao, K.N. Input impedance of cascaded straight tapered microstrip transmission lines 1680
Suryanarayanan, S. *see* Reddy, N.P. 18199
Suryaprasad, K.R. *see* Rao, P.R.S. 22454
Suryawanshi, S.S. *see* Kakatkar, S.V. 13431
Suryawanshi, S.S. *see* Kakatkar, S.V. 23341
Susani, M. *see* Guglielmelli, E. 28452
Suschke, R. *see* Beck, M. 36120
Susetyo, B. *see* Pierrat, L. 60190
Sushchikh, A.L. Simulation of electromagnetic fields and calculation of cutoff frequencies of waveguides with complex cross-sections 1683
Sushchikh, A.L. The optimum location of the energy source in a microwave oven 51843
Susi, E. *see* Castaldini, A. 32188
Susi, M. Return transmission in HFC networks 17082
Susini, C. *see* Aiazzi, B. 27075
Susini, S. *see* Andreadis, A. 15604
Suski, J. *see* Grasdepot, F. 36766
Suski, T., Perlin, P., Leszczyrski, M., Teisseyre, H., Grzegory, I., Jun, J., Bodkowski, M., Porowski, S., Pakula, K., Wysmolek, A., Baralowski, J.M. Growth and properties of bulk single crystals of GaN 21220
Suski, T. *see* Leszczynski, M. 40299
Suski, T. *see* Liliental-Weber, Z. 10804
Suski, T. *see* Perlin, P. 22236
Suski, T. *see* Skierbiszewski, C. 12252
Suski, T. *see* Teisseyre, H. 22237
Suski, T. *see* Teisseyre, H. 40442
Suski, T. *see* Wetzel, C. 12287
Suski, T. *see* Wetzel, C. 22238
Suslov, B.E. MERA converter-equipment components 9654
Suslyakov, A.O. *see* Ovsyuk, V.N. 17376
Suslyakov, A.O. *see* Ovsyuk, V.N. 36562
Suslyakov, A.O. *see* Vasilyev, V.V. 36550
Suslyakov, I. *see* Ovsyuk, V.N. 17374
Susoeff, A.R. *see* Wolfe, T.R. 24412
Susov, E.V., Sidorov, Yu.G., Severtsev, V.N., Komov, A.A., Chekanova, G.V., Dvoretsky, S.A., Varavin, V.S., Mikhailov, N.N., Diakonov, L.I. Multielement cooled photoconductor based on HgCdTe heteroepitaxial structures 33229
Susova, G.M., Petrov, A.N. Markov model-based reliability and safety evaluation for aircraft maintenance-system optimization 59858
Sussiau, M., Nguyen Van Dau, F., Galtier, P., Encinas, A., Schuhl, A. Bicrystalline magnetic lateral superlattices 43654
Sussman, A. *see* Chialin Chang 58241
Sussman, R.B., Kahrs, M. Analysis and resynthesis of musical instrument sounds using energy separation 15252
Sussman, S.S. *see* Kheifets, L.I. 59835
Sussner, M. *see* Strohmer, T. 59437
Susu Yao, Zhenya He Analysis of multicomponent chirp signals using frequency-shear representation 34728
Susuki, J. Application of super high-definition images to teleradiology and telepathology 18259
Suszcynsky, D.M. *see* Funsten, H.O. 7782
Sutanto, H. *see* Sharma, R. 35050
Sutchkov, S.I. *see* Dmitrenko, V.V. 59282
Sutcliffe, G. *see* Melville, S. 16658
Suter, B. *see* Huang, Y. 25166
Suter, B. *see* Ying Huang 34948
Suter, B. *see* Ying Huang 45916
Suter, B.W. *see* Xiang-Gen Xia 15371
Suter, D. *see* Bab-Hadiashar, A. 56784
Suter, G.F. *see* Sie, S.H. 49293
Suter, J.J. *see* Bhatnagar, V. 47954
Suter, J.J. *see* Seegar, W.S. 36286
Sutera, C. *see* Aiello, S. 1483
Sutera, C. *see* Aiello, S. 49328
Suthaharan, S. An improvement to the classical Wiener filter to image restoration 46133
Sutherland, A. *see* Zinkann, G.P. 49144
Sutherland, C. *see* Anderson, R. 57645

Sutherland, D. *see* Zhi Chao Tao 34324
Sutherland, D.G. *see* Greening, W.J.T. 8526
Sutherland, D.G.J. *see* Nelson, A.J. 42045
Sutherland, G.R. *see* Kearney, P.P. 49561
Sutherland, G.R. *see* Lange, A. 49560
Sutherland, H.J. Frequency domain analysis of the fatigue loads on typical wind turbine blades 29166
Sutherland, I.M. *see* Schwabe, E.J. 14852
Sutherland, J., Atherton, D.L. Effects of bending stresses and tube curvature on remote field eddy current signals 52903
Sutherland, J.W. *see* Kanizar, W.L. 20277
Sutherland, K.T. Distinguishing characteristics in underwater images of Northern and Eurasian watermilfoils 35004
Sutherland, P.E. Protective device coordination in an industrial power system with multiple sources 38428
Sutherland, P.E. Testing of harmonic restraint relays with single frequency sources 38774
Sutherland, R.L. *see* Fleitz, P.A. 24216
Sutherland, R.L. *see* McLean, D.G. 24220
Sutherland, R.L. *see* Natarajan, L.V. 4133
Sutherland, S.F. *see* Nowlan, M.J. 39181
Suto, A.J. Analog AC harmonic method for detecting solder opens 31633
Suto, H. Chalcogenide fiber bundle for 3D spectroscopy 43972
Suto, K. *see* Iwai, T. 36092
Suto, K. *see* Liu, Y.X. 12887
Suto, S. *see* Ando, M. 36733
Suto, Z. *see* Nagy, I. 9637
Suto, Z. *see* Nagy, I. 51686
Suto, Z. *see* Nagy, I. 60783
Sutoh, M. *see* Kawahito, S. 17261
Sutoh, M. *see* Kawahito, S. 27524
Sutter, P. *see* Cheung, R. 42521
Sutterfield, L. *see* Gallen, B. 5964
Sutton, E., Na, H. A block iterative algorithm for tomographic reconstruction of ionospheric electron density 8469
Sutton, J., Taylor, L. CCSDS in the Loral 550 6047
Sutton, J.P. *see* Guan, L. 25586
Sutton, M.A. *see* McNeill, S.R. 48872
Sutton, R. *see* Roberts, G.N. 60172
Sutton, R.B. *see* Brock, I.C. 37039
Sutton, S., Hansen, B., Lander, T., Novick, D.G., Cole, R. Evaluating the effectiveness of dialogue for an automated spoken questionnaire 24872
Sutton, S. *see* Colton, D. 9925
Sutton, S. *see* Marshall, C.D. 14083
Sutton, S. *see* Rotter, M.D. 23843
Sutton, S.B., Albrecht, G.F. Simple analytical method to calculate the radial energy deposition profile in an isotropic diode-pumped solid-state laser rod 3733
Sutton, S.B. *see* Beach, R.J. 14080
Sutton, T.T., Hopkins, T.L., Langebrake, L.C. A high resolution marine particle analysis system 50126
Sutton, T.T. *see* Remsen, A. 50127
Suttrop, W. *see* Silva, A. 7187
Suu, K., Osawa, A., Tani, N., Ishikawa, M., Nakamura, K., Ozawa, T., Sameshima, K., Kamisawa, A., Takasu, H. Preparation of $(Pb,La)(Zr,Ti)O_3$ ferroelectric films by RF sputtering on large substrate 2918
Suu, K., Osawa, A., Tani, N., Ishikafva, M., Nakamura, K., Ozawa, T., Sameshima, K., Kamisawa, A., Takasu, H. Lead content control of PLZT thin films prepared by RF magnetron sputtering 52796
Suvanto, J. *see* Koskelainen, P. 26271
Suvkhanov, A. *see* Vispute, R.D. 761
Suvorov, A. *see* Fish, J. 40231
Suvorov, A.V., Usov, I.O., Sokolov, V.V., Suvorova, A.A. Enhanced diffusion of high-temperature implanted aluminum in silicon carbide 12664
Suvorov, A.V. *see* Slater, D.B., Jr. 2835
Suvorov, D. *see* Valant, M. 36870
Suvorov, N.I. *see* Kravchik, A.E. 60772
Suvorov, V.G. *see* Barengolts, S.A. 22160
Suvorova, A.A. *see* Suvorov, A.V. 12664
Suvorova, E.A. *see* Dranevich, V.A. 27409
Suvra Sarkar Studies on PSK signal synchronization characteristics of microwave Gunn oscillator 21920
Suvrajeet Sen, Higle, J.L., Goldberg, J.B., Ferrell, W.R. Engineering with liberal and technical education (ELITE) 20546
Suwa, K. *see* Abe, S. 7245
Suwa, K. *see* Kawasaki, R. 14606
Suwa, K. *see* Kondo, Y. 6594
Suwa, K. *see* Yamaguchi, A. 47708
Suwarno, Suzuoki, Y., Mizutani, T. Pulse-sequence analysis of partial discharges in a void and electrical treeing 13266
Suwarno, Suzuoki, Y., Mizutani, T. Computer simulation of partial discharges associated with electrical treeing 32630
Suwazono, S. *see* Nishida, S. 49628
Suxing Hu, Zhizhan Xu Energy enhancement of harmonic photons with a half-period-delayed pulse 44655
Suxing Hu, Zhizhan Xu, Shenshen Han, Xuehui Zhang Nonlinear scatter of intense laser pulse by the electron bound in one-dimensional potential 24070
Suyama, K. *see* Feifei Zhang 48430
Suyama, K. *see* Yustin, I. 1118
Suyama, M. *see* Terahara, T. 48004
Suyama, T. *see* Kato, Y. 43314
Suyari, H. Mean mutual entropy in quantum Markov chains 56241
Suying, Z., Pulin, L., Jie, S. Study of X-ray photoelectronic spectroscopy on telluride crystal grown in tube with carbon film 13801
Suzaki, T. *see* Kurisu, M. 26417
Suzaki, T. *see* Tanabe, A. 6771
Suzaki, T. *see* Tezuka, H. 47904
Suzaki, Y., Mitomi, O., Tohmori, Y., Okamoto, H., Kondo, Y., Sakai, Y., Okamoto, M., Kadota, Y. Impact of current blocking structure on the coupling characteristics in 1.3-μm spot-size converted laser diodes 44531
Suzaki, Y. *see* Hashimoto, T. 3646
Suzaki, Y. *see* Itaya, Y. 26909
Suzaki, Y. *see* Itaya, Y. 55604
Suzaki, Y. *see* Kurosaki, T. 23563
Suzaki, Y. *see* Kurosaki, T. 23564
Suzaki, Y. *see* Wada, M. 44468
Suzdal'tsev, A.G. *see* Apollonov, V.V. 14315
Suzdaltsev, A.G. *see* Shakir, Y.A. 44350
Suzeau, P. *see* Renier, E. 48659
Suzheng, L. *see* Shengli, L. 35545
Suzi, E. *see* Adegboyega, G.A. 32111
Suziedelis, A. *see* Asmontas, S. 36579
Suzudo, T. *see* Sakatsu, T. 12018
Suzudo, T. *see* Taira, T. 14061
Suzue, K. *see* Fan, Z. 12550
Suzukawa, Y., Sugiyama, S., Mori, I. Heat transfer improvement and NOx reduction in an industrial furnace by regenerative combustion system 19564
Suzuki, A., Matsushita, T., Sakamoto, Y., Wada, N., Fukuda, T., Fujiwara, H., Okuda, M. Surface flatness of transparent conducting ZnO:Ga thin films grown by pulsed laser deposition 2038
Suzuki, A., Matsushita, T., Yamanishi, H., Tanaka, D., Aoki, T., Okuda, M. Large transmittance changes induced in Ga-Doped ZnO thin films prepared by pulsed laser deposition 12294
Suzuki, A., Morita, T. Prediction model for cell life of molten carbonate fuel cell 20014
Suzuki, A., Otuka, H., Seino, S., Ashizawa, K. A new type of electrodeposited copper foil for a flexible printed wiring board 11941
Suzuki, A. *see* Du, B. 13281
Suzuki, A. *see* Hashimoto, K. 54254
Suzuki, A. *see* Hikita, M. 19665
Suzuki, A. *see* Hisamatsu, T. 37994
Suzuki, A. *see* Matsumoto, K. 51555
Suzuki, A. *see* Negoro, Y. 43725
Suzuki, A. *see* Okubo, H. 19889
Suzuki, A. *see* Okubo, H. 38926
Suzuki, A. *see* Yoshioka, H. 39168
Suzuki, C. *see* Kubota, K. 54815
Suzuki, C.K., Tanaka, M.S., Shinohara, A.H. Growth and characterization of optical grade synthetic quartz 10622
Suzuki, E. *see* Honda, K. 7222
Suzuki, E. *see* Ohtomo, H. 8993
Suzuki, F., Koizumi, H., Hiramine, M., Yamamoto, K., Yasuura, H., Okino, K. A HW/SW co-design environment for multi-media equipments development using inverse problem 47453
Suzuki, F., Koizumi, H., Seo, K., Yasuura, H., Hiramine, M., Okino, K., Or-Bach, Z. A rapid prototyping method for top-down design of system-on-chip devices using LPGAs 41068
Suzuki, F., Nishino, K., Matoba, K., Myoi, Y., Ohtsuru, Y., Koizumi, H. An image processing method for a new type of LCD projector with separately processed chrominance and luminance 7504
Suzuki, F. *see* Arita, K. 16395
Suzuki, H., Kikuchi, M., Nakamura, O., Mimami, T. A study on stereo matching algorithm considering the gradient difference between the left and right images 4936
Suzuki, H., Nishimura, K., Sakamoto, H. Performance analysis of a storage hierarchy for video servers 48229
Suzuki, H., Obinata, T., Nashiki, H., Uesugi, K., Suemune, I. Purge effect on heterointerfaces of ZnSe/MgS superlattices grown by metalorganic vapor phase epitaxy 31966
Suzuki, H., Ohki, Y., Nakamichi, Y., Ajiki, K. Water tree characteristics in low-density polyethylene under power-frequency voltages with high-frequency components 43524
Suzuki, H., Othman, M.B., Murakami, K., Kaneko, S., Hayashi, T. Low-temperature processing of ferroelectric $Pb(Zr_{0.53}Ti_{0.47})O_3$ thin film from molecular-designed alkoxide precursor solution 816
Suzuki, H., Takeda, H., Kannari, F. Self-injection-locked, narrow-linewidth, flashlamp-pumped $Ti:Al_2O_3$ laser 3762
Suzuki, H., Yoshida, H., Yamazaki, T., Takeda, K., Kuhara, S., Toyoshima, H. Process integration technologies for a 0.3 μm BiCMOS SRAM with 1.5 V operation 21673
Suzuki, H. *see* Ego, H. 37045
Suzuki, H. *see* Hamuro, D. 35802
Suzuki, H. *see* Hara, S. 22651
Suzuki, H. *see* Hongbin Zha 27657
Suzuki, H. *see* Hozumi, N. 50574
Suzuki, H. *see* Itabashi, T. 12034
Suzuki, H. *see* Iwata, A. 57639
Suzuki, H. *see* Kanegami, M. 32634
Suzuki, H. *see* Kanegami, M. 54882
Suzuki, H. *see* Kirk, D.W. 61068
Suzuki, H. *see* Li, H. 25940
Suzuki, H. *see* Mori, K. 18335
Suzuki, H. *see* Nagai, T. 17071
Suzuki, H. *see* Nakayama, M. 36144
Suzuki, H. *see* Nishimura, K. 7094
Suzuki, H. *see* Ogawa, K. 9699
Suzuki, H. *see* Oklobdzija, V. 21638
Suzuki, H. *see* Ozaki, T. 18332
Suzuki, H. *see* Saito, T. 27072
Suzuki, H. *see* Shimazaki, H. 26277
Suzuki, H. *see* Shinkawa, K. 36457
Suzuki, H. *see* Suemune, I. 40468
Suzuki, H. *see* Tao, X.T. 44663
Suzuki, H. *see* Toyoshima, H. 1333
Suzuki, H. *see* Watanabe, H. 9436
Suzuki, H. *see* Yamamoto, T. 55123
Suzuki, H. *see* Yamazaki, T. 2847
Suzuki, I., Miyazaki, M., Saitoh, T., Yi-Ming Xiong Optical properties of sol-gel $Ba_{0.7}Sr_{0.3}TiO_3$ thin films studied by spectroscopic ellipsometry 59065
Suzuki, I. *see* Abe, H. 41838
Suzuki, J. *see* Kunieda, N. 14904
Suzuki, J. *see* Kunieda, N. 45701
Suzuki, J. *see* Maeda, Y. 32784
Suzuki, K. High-speed electric machines used in automobile testers 10034
Suzuki, K. Mechanical characteristics of deeply boron-doped silicon membranes for capacitive pressure sensors 48475
Suzuki, K., Aoki, M., Kataoka, Y., Sasaki, N., Hoefler, A., Feudel, T., Strecker, N., Fichtner, W. Analytical models for transient diffusion and activation of ion-implanted boron during rapid thermal annealing considering ramp-up period 43068
Suzuki, K., Ochi, H., Kinjo, S. A design of FIR filter using CSD with minimum number of registers 53436
Suzuki, K., Satoh, A., Sugii, T. Multiple Sb ion implantation for deep-submicron pMOS channel doping 32412
Suzuki, K., Wakamoto, S., Nishi, K. KrF step and scan exposure system using higher NA projection lens 2543
Suzuki, K., Yamashita, I., Kawakami, N., Nakaue, A. Focused ion beam lithography using ladder silicone spin-on glass as a positive resist 32318
Suzuki, K., Yoshida, T., Mizutani, Y. Performance analysis and traffic design of MCA fleet dispatch communication system 35977
Suzuki, K. *see* Ban, M. 11665
Suzuki, K. *see* Dong Liang Peng 55028
Suzuki, K. *see* Fujii, K. 21669
Suzuki, K. *see* Hasegewa, T. 57652
Suzuki, K. *see* Hofler, A. 12644
Suzuki, K. *see* Hofler, A. 42411
Suzuki, K. *see* Horiuchi, H. 24758
Suzuki, K. *see* Horiuchi, H. 26099
Suzuki, K. *see* Ishii, A. 46140
Suzuki, K. *see* Iwatsuki, K. 26460
Suzuki, K. *see* Kato, T. 46769
Suzuki, K. *see* Komagata, M. 10952
Suzuki, K. *see* Kotaki, A. 10027
Suzuki, K. *see* Kuroda, T. 5023
Suzuki, K. *see* Li, Y. 54904
Suzuki, K. *see* Miyamoto, T. 58547
Suzuki, K. *see* Mori, T. 51399
Suzuki, K. *see* Okumura, H. 17651
Suzuki, K. *see* Okumura, H. 17651
Suzuki, K. *see* Peng, D.L. 919
Suzuki, K. *see* Sugiyama, K. 24654
Suzuki, K. *see* Tanaka, M. 34374
Suzuki, K. *see* Tosaka, Y. 2804
Suzuki, K. *see* Tosaka, Y. 31269
Suzuki, K. *see* Tosaka, Y. 59209
Suzuki, K. *see* Yamagata, Y. 8966
Suzuki, K. *see* Yamagata, Y. 31953
Suzuki, K. *see* Yoshihara, T. 32304
Suzuki, K. *see* Yoshimi, M. 32410
Suzuki, K.-I., Kawai, S., Iwatsuki, K. 40 Gbit/s adiabatic and phase-stationary soliton transmission with sliding-frequency filter over 4000 km reciprocating dispersion-managed fibre 6815
Suzuki, K.-I. *see* Kawai, S. 6758
Suzuki, L.H. *see* Kawabata, K. 60038
Suzuki, M. Utilizing the Internet. 10. The intranet: its use in enterprises 47142
Suzuki, M., Ami, T. A proposal of epitaxial oxide thin film structures for future oxide electronics 10741
Suzuki, M., Aoki, M., Komori, M., Sato, H., Minagawa, S. Silicon shadow mask MOVPE for in-plane thickness control of InGaAsP/InP structures 52649
Suzuki, M., Edagawa, N., Morita, I., Akiba, S. Dark pulse generation and detection using bright-dark conversion 14330
Suzuki, M., Fukuda, M., Tsuyuzaki, H. Alignment accuracy evaluation for processed wafers 42882
Suzuki, M., Morita, I., Edagawa, N., Yamamoto, S., Akiba, S. 20 Gbit/s-based soliton WDM transmission over transoceanic distances using periodic compensation of dispersion and its slope 58293
Suzuki, M., Sakurai, H., Takahashi, C., Komatsu, M., Nagano, M., Wakiya, Y. In-plane alignment and critical current density in c-axis oriented $YBa_2Cu_3O_{7-y}$ films prepared by sputtering 55089

Suzuki, M., Sasaoka, H. Sector layout strategy for interference reduction in orthogonal CDMA cellular systems 6647
Suzuki, M., Uenoyama, T. Strain effect on electronic and optical properties of GaN/AlGaN quantum-well lasers 3857
Suzuki, M., Uenoyama, T. Optical gain and crystal symmetry in III-V nitride lasers 14095
Suzuki, M., Uenoyama, T. Strain effects on optical gain properties of GaN-AlGaN quantum well lasers 24028
Suzuki, M. *see* Edagawa, N. 26827
Suzuki, M. *see* Itabashi, T. 12034
Suzuki, M. *see* Itaya, K. 3872
Suzuki, M. *see* Kawabata, K. 60038
Suzuki, M. *see* Kawamura, T. 16489
Suzuki, M. *see* Kubota, S. 36008
Suzuki, M. *see* Kubota, T. 39439
Suzuki, M. *see* Masamune, K. 8076
Suzuki, M. *see* Mikagi, K. 42667
Suzuki, M. *see* Morimoto, T. 4618
Suzuki, M. *see* Morita, I. 6733
Suzuki, M. *see* Morita, I. 58298
Suzuki, M. *see* Rondeau, J.-P. 12027
Suzuki, M. *see* Sanada, H. 54718
Suzuki, M. *see* Sasayama, T. 13173
Suzuki, M. *see* Sato, A. 1145
Suzuki, M. *see* Soejima, K. 10137
Suzuki, M. *see* Sugauchi, K. 35611
Suzuki, M. *see* Sunouchi, K. 41169
Suzuki, M. *see* Tanaka, S. 61302
Suzuki, M. *see* Tsuru, K. 31491
Suzuki, M. *see* Uenoyama, T. 14177
Suzuki, M. *see* Yamaguchi, H. 41538
Suzuki, M. *see* Yamasaki, H. 20057
Suzuki, N., Kitami, T. An interleave block delineation method in asynchronous transfer mode transport systems 46583
Suzuki, N., Ohashi, M., Shin-Ya Nunoue, Nakamura, M. Feasibility study of low-power multiquantum-well vertical transmission optical amplifiers for optical interconnection 23712
Suzuki, N., Teramoto, E., Nishikawa, K. Estimation of positioning accuracy of navigation systems using GPS in urban areas 58506
Suzuki, N. *see* Anatychuk, L.I. 39436
Suzuki, N. *see* Fukuda, M. 32307
Suzuki, N. *see* Ichise, N. 1958
Suzuki, N. *see* Kubota, K. 54815
Suzuki, N. *see* Matsushita, K. 2350
Suzuki, N. *see* Minagawa, H. 33856
Suzuki, N. *see* Miura, H. 43032
Suzuki, N. *see* Nagai, Y. 58107
Suzuki, N. *see* Sato, K. 14699
Suzuki, N. *see* Shindo, I. 892
Suzuki, N. *see* Torazawa, K. 44121
Suzuki, N. *see* Umeda, K. 35311
Suzuki, N. *see* Watanabe, S. 4933
Suzuki, N. *see* Yasui, T. 33377
Suzuki, O. *see* Yasuda, A. 7008
Suzuki, R., Tanno, O.., Kato, K., Kunimi, A., Koshiji, M., Murakami, T. Super high-definition image special effects system 15612
Suzuki, R. *see* Fujiwara, Y. 49405
Suzuki, R. *see* Kishii, S. 2360
Suzuki, R. *see* Kishimoto, Y. 26069
Suzuki, R. *see* Kondo, K. 84
Suzuki, R. *see* Nemoto, Y. 47320
Suzuki, R. *see* Saito, M. 12071
Suzuki, R. *see* Uedono, A. 54030
Suzuki, S., Ihara, T., Shikata, Y., Uchida, T. PHS terminating call control 6552
Suzuki, S., Ishikawa, H. The NS8000 series and multimedia-era networks: toward open, economical and multimedia networks 35824
Suzuki, S., Wakabayashi, M. Consideration on image reconstruction of backprojection filtering in the spatial frequency domain 7997
Suzuki, S., Yoshikawa, H., Yanagida, K., Taniuchi, T., Mizuno, A., Yokomizo, H. Update plan of SPring-8 linac 49030
Suzuki, S. *see* Aketagawa, M. 56902
Suzuki, S. *see* Emi, K. 7794
Suzuki, S. *see* Fujita, T. 25739
Suzuki, S. *see* Hamazumi, Y. 58272
Suzuki, S. *see* Kato, R. 59844
Suzuki, S. *see* Matsubara, G. 41091
Suzuki, S. *see* Mizuno, T. 29756
Suzuki, S. *see* Ozawa, M. 54099
Suzuki, S. *see* Sasayama, T. 13173
Suzuki, S. *see* Shikida, M. 44977
Suzuki, S. *see* Tatsuno, Y. 5622
Suzuki, S. *see* Tatsuno, Y. 15818
Suzuki, S. *see* Washizu, M. 1844
Suzuki, S. *see* Yamamoto, T. 55123
Suzuki, S. *see* Yanagida, K. 7750
Suzuki, S. *see* Yoshikawa, H. 49102
Suzuki, T. Magneto-optic recording materials 13446
Suzuki, T. Water vapor density measurement in halogen lamps using near-infrared semiconductor laser spectrometry. I. Working curve measurement 29870
Suzuki, T. A millimeter-type imaging array using tapered slot antennas 58970
Suzuki, T., Ando, T. Self-consistent results in quantum wires in magnetic fields: temperature effects 12456
Suzuki, T., Ikeda, H. Suppression of surge voltage in MOS-FET DC-RF inverter operating in the order of MHz 51247
Suzuki, T., Ikeda, H., Yoshida, H. Power loss and efficiency in full-bridged MOSFET DC-to-RF power inverter with output power of 1 kW at 2.5 MHz 38873
Suzuki, T., Imazeki, N., Yu, G.H., Itou, H., Oda, M. New application field of dispersed ultra fine particles 11997
Suzuki, T., Koide, T., Wakabayashi, S., Yoshida, N. A timing-driven global routing algorithm considering channel density minimization for standard cell layout 1076
Suzuki, T., Kurosaki, H., Enkyo, S., Koshiishi, H. Development of an imaging spectro-polarimeter 55340
Suzuki, T., Mizutani, Y., Ikeda, H., Yoshida, H. MOS-FET RF inverter with auto-tuning function for driving ultrasonic transducer at 1.8 MHz 1139
Suzuki, T., Mizutani, Y., Ikeda, H., Yoshida, H. Impedance characteristic of ultrasonic transducer operated as load of MOSFET DC-to-RF power inverter 50241
Suzuki, T., Okada, T., Sasaki, O., Maruyama, T. Feedback type of laser diode interferometer with an optical fiber 36636
Suzuki, T., Takeuchi, Y. Near-decorrelating multistage detector for asynchronous DS-CDMA –real-time decorrelation with multistage architecture 47673
Suzuki, T., Yamashita, M., Kawakami, N., Yoshikawa, A., Nakaue, A. Sub-100 nm focused ion beam lithography using ladder silicone spin-on glass 22714
Suzuki, T. *see* Ando, M. 36733
Suzuki, T. *see* Arisaka, S.. 61291
Suzuki, T. *see* Fujimoto, K. 28422
Suzuki, T. *see* Hartanto, A. 8265
Suzuki, T. *see* Higo, T. 49194
Suzuki, T. *see* Hirano, M. 47303
Suzuki, T. *see* Honda, M.N. 11930
Suzuki, T. *see* Ichino, T. 50618
Suzuki, T. *see* Inoue, K. 10157
Suzuki, T. *see* Kanda, I. 10644
Suzuki, T. *see* Kawarasaki, M. 47285
Suzuki, T. *see* Koide, T. 1031
Suzuki, T. *see* Matsusaka, M. 49452
Suzuki, T. *see* Mitsuyu, T. 55918
Suzuki, T. *see* Mizutani, Y. 38127
Suzuki, T. *see* Mizutani, Y. 50240
Suzuki, T. *see* Murakuni, M. 59078
Suzuki, T. *see* Nakatani, Y. 33276
Suzuki, T. *see* Nishi, K. 54170
Suzuki, T. *see* Nomoto, K. 42921
Suzuki, T. *see* Nomoto, K. 42934
Suzuki, T. *see* Ohyama, H. 54331
Suzuki, T. *see* Ota, T. 7910
Suzuki, T. *see* Sawaki, N. 12491
Suzuki, T. *see* Shklyaev, A.A. 2413
Suzuki, T. *see* Shujie Lin 24130
Suzuki, T. *see* Takei, H. 32978
Suzuki, T. *see* Takeshita, K. 16165
Suzuki, T. *see* Tanaka, S. 61302
Suzuki, T. *see* Tsuchida, M. 58040
Suzuki, T. *see* Watanabe, K. 27760
Suzuki, T. *see* Yamada, T. 1400
Suzuki, T. *see* Yamamoto, K. 39029
Suzuki, T. *see* Yoshida, S. 29512
Suzuki, W. *see* Arai, S. 31716
Suzuki, W. *see* Iwagami, Y.. 31708
Suzuki, W. *see* Nobe, T. 31715
Suzuki, W. *see* Tonegawa, S. 58245
Suzuki, W. *see* Tsuchida, H. 31714
Suzuki, Y. On the turbulent drag reduction mechanism above a riblet surface 17862
Suzuki, Y., Kishida, T., Takano, H., Shirai, Y., Suzumura, M. 3-D effect of cell designs on the breakdown voltage of power SOI-LDMOS 23005
Suzuki, Y., Oikawa, T., Kometani, H., Baba, K. A brushless DC motor for hermetic compressors 20244
Suzuki, Y., Shimawaki, H., Amamiya, Y., Fukuchi, K., Nagano, N., Yano, H., Honjo, K. An HBT preamplifier for 40-Gb/s optical transmission systems 47937
Suzuki, Y., Sugawara, I. An approach to the AC to AC/DC converter 51290
Suzuki, Y. *see* Abe, K. 48272
Suzuki, Y. *see* Aizu, Y. 49538
Suzuki, Y. *see* Asano, F. 34738
Suzuki, Y. *see* Fukuda, Y. 2358
Suzuki, Y. *see* Hack-Yoon Kim 24834
Suzuki, Y. *see* Haitao Sun 37853
Suzuki, Y. *see* Hashimoto, E. 41564
Suzuki, Y. *see* Ikehata, T. 37545
Suzuki, Y. *see* Irita, T. 32567
Suzuki, Y. *see* Kimura, S. 56181
Suzuki, Y. *see* Maeda, J. 56998
Suzuki, Y. *see* Minagawa, H. 33856
Suzuki, Y. *see* Morita, K. 50617
Suzuki, Y. *see* Murata, S. 48249
Suzuki, Y. *see* Nakagawa, K. 28540
Suzuki, Y. *see* Nakamura, Y. 42439
Suzuki, Y. *see* Nakao, Y. 19820
Suzuki, Y. *see* Nakao, Y. 23245
Suzuki, Y. *see* Nishimura, R. 24811
Suzuki, Y. *see* Noumi, H. 37073
Suzuki, Y. *see* Okamoto, A. 48728
Suzuki, Y. *see* Pak, P.S. 60554
Suzuki, Y. *see* Sumiya, T. 8141
Suzuki, Y. *see* Sumiya, T. 8142
Suzuki, Y. *see* Takeshita, T. 44560
Suzuki, Y. *see* Uchida, N. 26913
Suzuki, Y. *see* Ue, M. 11762
Suzuki, Y. *see* Yokoi, T. 38674
Suzuki, Y. *see* Yoshida, H. 59392
Suzuki, Y.-I. *see* Nakamura, K. 48770
Suzuki Yutaka *see* Yutaka Suzuki
Suzumori, K. *see* Koga, A. 23077
Suzumura, M. *see* Suzuki, Y. 23005
Suzumura, T. *see* Ohtaka, T. 191
Suzuoki, Y. *see* Suwarno 13266
Suzuoki, Y. *see* Suwarno 32630
Suzuoki, Y. *see* Tabata, A. 31872
Svagr, V. *see* Hybler, J. 42416
Svaizer, P. *see* Omologo, M. 15243
Svaizer, P. *see* Omologo, M. 45962
Svajda, M. *see* Manhaeve, H. 27817
Svalgaard, M. *see* Hubner, J. 55189
Svalov, A.V. *see* Vas'kovskij, V.O. 3189
Svanberg, S. *see* Siruktkaitis, V. 44410
Svane, A. *see* Christensen, N.E. 22223
Svantesson, B. *see* Lazraq, T. 35451
Svard, I. *see* Tillberg, I. 28436
Svec, C.B. Infrared incoherent imaging: elements of rotary encoder optical design 48672
Svec, P. *see* Butvin, P. 3075
Svec, T. *see* Kollar, P. 3085
Svec, T. *see* Kovac, J. 3078
Svechnikov, S.V. *see* Starodub, N.F. 27703
Svecko, R. *see* Debevc, N. 6170
Svedberg, G. *see* Anheden, M. 29088
Svedberg, R. *see* Schuller, M. 18732
Svehla, G. *see* Desmond, D. 27460
Sveinbjornsson, E.C., Weber, J. Room temperature electroluminescence from dislocation-rich silicon 3628
Sveinsson, J.R. *see* Benediktsson, J.A. 8333
Sveinsson, J.R. *see* Benediktsson, J.A. 15963
Svekis, Y.G. *see* Mikheev, O.V. 34265
Svelto, C. *see* Taccheo, S. 14019
Svelto, F. *see* Baschirotto, A. 53425
Svelto, O. *see* Nisoli, M. 3805
Svelto, O. *see* Taccheo, S. 3788
Svelto, O. *see* Taccheo, S. 3794
Svelto, O. *see* Taccheo, S. 14019
Svenda, G. *see* Bekut, D.D. 60364
Svenson, T.D., Ward, J.A., Harrison, K.J. Uniform approximation of wavelet coefficients 25062
Svensson, A., Karlsson, J.M. The adaptive cross validation method: design and control of dynamical systems 5776
Svensson, A. *see* Johansson, A.-L. 47658
Svensson, A.M., Sunde, S., Nisancioglu, K. A mathematical model of the porous SOFC cathode 29622
Svensson, B.G. *see* Lalita, J. 31748
Svensson, C. *see* Andersson, P. 26435
Svensson, C. *see* Jiren Yuan 1265
Svensson, C. *see* Jiren Yuan 21587
Svensson, C. *see* Jiren Yuan 53150
Svensson, C. *see* Johansson, H.O. 2819
Svensson, G.K. *see* Holupka, E.J. 28158
Svensson, J. Voltage angle control of a voltage source inverter–application to a grid-connected wind turbine 60625
Svensson, L.J., Athas, W.C., Wen, R.S.-C. A sub-CV^2 pad driver with 10 ns transition time 13124
Svensson, L.J. *see* Athas, W.C. 1142
Svensson, L.J. *see* Athas, W.C. 11461
Svensson, M. *see* Lindgren, S. 33542
Svensson, P. *see* Granier, E. 7111
Svensson, R., Holmlid, L. TEC as electric generator in an automobile catalytic converter 20204
Svensson, S. *see* Simonson, P. 27347
Svensson, S.O. *see* Moy, J.P. 7840
Sverdlov, A.V. *see* Al'tov, V.A. 55141
Sverdlov, B. *see* Kim, W. 30832
Sverdlov, B.A. *see* Katkov, V.Yu. 45128
Sverdlov, B.N., Botchkarev, A., Martin, G.A., Salvador, A., Morkoc, H., Tsen, S.-C.Y., Smith, D.J. Defect microstructure of thin wurtzite GaN films grown by MBE 21269
Sverdlov, B.N. *see* Smith, D.J. 31861
Sverdlova, A.M., Manturov, A.O., Fedorenko, Ya.G. Study of oscillatory regimes of a periodically externally perturbed metal-insulator-semiconductor structure 32088
Sverdlova, A.M. *see* Kabanov, V.F. 12559
Sverdlow, B.N. *see* Martin, G.A. 21254
Svergun, D.I. *see* Kozin, M.B. 45952
Sveshnikov, A.G. *see* Bykov, A.A. 24521
Sveshnikov, A.G. *see* Pletner, Yu.D. 45263
Svich, V.A. *see* Gurin, O.V. 44335
Svich, V.A. *see* Yepishin, V.A. 3927
Svidzinskii, A.A. *see* Barash, Yu.S. 55111
Svidzinsky, K.K. *see* Baranov, D.V. 17786
Sviestins, E. *see* Wigren, T. 28718
Svilan, V., Rodbell, K.P., Clevenger, L.A., Cabral, C., Jr., Roy, R.A., Lavoie, C., Jordan-Sweet, J., Harper, J.M.E. Dependence of crystallographic texture of C54 $TiSi_2$ on thickness and linewidth in submicron CMOS structures 43321
Svilan, V. *see* Rodbell, K.P. 42780
Sviridov, E.V. *see* Jianguo Zhu 52816
Svirin, V.T., Stognii, A.I. Uniform-density beam formation in a Hall-type open-end ion source 28015
Svirina, L.P. *see* Gudelev, V.G. 13924

Svirko, Yu.P. *see* Bennett, P.J. 32972
Svirko, Yu.P. *see* Popov, S.V. 24189
Svirplis, N.P., Konashenko, A.V. Application of CCD cameras in spectral analysis 13028
Svistun, M.I. *see* Zagidullin, M.V. 55487
Svistunov, Yu.A., Afanasiev, Yu.V., Gavrish, Yu.N., Korobov, V.I., Mudrolubov, V.G., Strokach, A.P., Vakhrushin, Yu.P., Vorogushin, M.F. Advances at NPK LUTS 422 MHz ion linac 49215
Svistunov, Yu.A. *see* Vorogushin, M.F. 49214
Svitashev, K.K. *see* Vasilyev, V.V. 36550
Svitelskiy, A.V. *see* Venger, E.F. 48567
Svoboda, A.J., Chung-Li Tseng, Chao-An Li, Johnson, R.B. Short-term resource scheduling with ramp constraints [power generation scheduling] 50467
Svoboda, A.J. *see* Chao-An Li 50469
Svoboda, A.J. *see* Chao-An Li 60335
Svoboda, P., Nachtwei, G., Breitlow, C., Heide, S., Cukr, M. Electron conduction within Landau-level tails of medium-mobility GaAs/AlGaAs heterostructures 42054
Svoboda, P. *see* Bohacek, J. 27218
Svoboda, S. IP tames today's DSP design challenges 20804
Svobodov, A. *see* Poltanov, A. 33876
Svoronos, S.A., Woo, W.W., Irvine, S.J.C., Sankur, H.O., Bajaj, J. A model of the interdiffused multilayer process 10856
Swafford, M.L., Graham, C.R., Brown, D.J., Trick, T.N. Mallard™: asynchronous learning in two engineering courses 20635
Swager, T.M. *see* Gebler, D.D. 44264
Swahn, T., Lewin, T., Mokhtari, M., Tenhunen, H., Walden, R., Stanchina, W.E. 40 Gb/s, 3 volt InP HBT ICs for a fiber optic demonstrator system 36180
Swain, C., Chen, T. An integrated segmentation approach for video coding 56855
Swain, C.T. *see* Chen, T. 35200
Swain, D.P. *see* Dash, P.K. 8744
Swain, D.P. *see* Dash, P.K. 19037
Swain, D.P. *see* Dash, P.K. 50485
Swain, M.V. *see* Phan-Thien, N. 27978
Swain, P.H. *see* Benediktsson, J.A. 8333
Swain, P.H. *see* Benediktsson, J.A. 15963
Swain, P.K., Misra, D. Annealing behavior of plasma etching induced defects in Si/SiGe/Si heterostructure 54474
Swain, P.K., Sehgal, H.K. Characterization of $Pb_xMn_{1-x}S$ thin films prepared by flash evaporation technique 30882
Swain, R., Baugh, E., Talke, F. Algorithms for extraction of spacing information from a head/tape interface 43673
Swain, R., Preater, R. Investigation of windage heating effects on rotating components using pulsed ESPI 7614
Swales, S.W. *see* Roach, J.Z. 33597
Swallom, D.W., Goldfard, V.M., Globs, J.S., Sadovnik, I., Zeigamik, V.A., Aitov, N.L., Okunev, V.I., Novikov, V.A., Rickman, V.J., Blokh, A.G., Pisakin, A.V., Egorushkin, P.N., Tkachenko, B.G., Babakov, J.P., Kuzmin, R.K., Olson, A.M., Anderson, R.E., Fedun, M.A., Hill, G.R. Results from the Pamir-3U pulsed portable MHD power system program 20053
Swami, A. Cramer-Rao bounds for deterministic signals in additive and multiplicative noise 4776
Swami, A., Giannakis, G.B. Higher-order statistics 4768
Swami, A., Sadler, B. Channel and intensity estimation for a class of point processes 4412
Swami, A., Sadler, B. Fast estimation of higher-order moments using sign bit and reference signals 45989
Swaminathan, A., Snelgrove, M. A single-IF IR radio for PCS 47824
Swaminathan, A., Snelgrove, M., Jantzi, S., Bazarjani, S. A monolithic complex sigma-delta modulator for digital radio 53362
Swaminathan, K., Hammons, A.R., Jr., Austin, M. Selective error protection of ITU-T G.729 codec for digital cellular channels 16470
Swaminathan, M. *see* Kim, B. 31655
Swaminathan, M. *see* Pannala, S. 45257
Swaminathan, M. *see* Sasidhar, K. 53854
Swaminathan, S. *see* Yoon, S.F. 10738
Swaminathan, V., Froberg, N.M., Upadhyayula, L.C. The end-to-end bit-error performance of 64-quadrature amplitude modulated signals in a hybrid AM-vestigial sideband/QAM fiber-optic video transmission system 16774
Swaminathan, V. *see* Belenky, G.L. 55605
Swaminathan, V. *see* Bhagavath, V.K. 17080
Swaminathan, V. *see* Raisky, O.Y. 31971
Swamy, C.L.P., Singh, B., Singh, B.P., Murthy, S.S. Experimental investigations on a permanent magnet brushless DC motor fed by PV array for water pumping system 29926
Swamy, C.L.Putta *see* Putta Swamy, C.L.
Swamy, M.N.S., Roytman, L.M. Stability of mutually inverse rational 2-D digital transfer functions 4777
Swamy, M.N.S. *see* Wei-Ping Zhu 1602
Swamy, R. *see* Atmaram, G.H. 39170
Swan, G. *see* Bonda, R. 221
Swan, K. Exploring the role of video in enhancing learning from hypermedia 58581
Swaneck, A. *see* Verma, V. 8584
Swanekamp, R. Distinction between PLC and DCS platform blurs 19440
Swanekamp, R. Seasonal issues can chill power-plant profits 19547
Swanenburg, T.J.B. Multimedia interface requirements 16420
Swann, R., Kingsbury, N. Transcoding of MPEG-II for enhanced resilience to transmission errors 57444
Swanson, B.G. *see* Spencer, D.B. 32640
Swanson, D. Open digital integrated technology for wide-area networks 47545
Swanson, D. *see* Targ, R. 27088
Swanson, D.K. *see* Panescu, D. 59758
Swanson, D.K. *see* Panescu, D. 59759
Swanson, D.K. *see* Panescu, D. 59760
Swanson, D.R. *see* Panescu, D. 59573
Swanson, D.W., Enlow, L.R., Stiegler, D.E., Timms, E. Application and reliability evaluation of solder replacements in SMT assembly for satellite electronics 59877
Swanson, D.W. *see* Enlow, L.R. 52209
Swanson, E. *see* Crane, R.A. 39218
Swanson, E.A., Chinn, S.R., Hodgson, C.W., Vengsarkar, A.M., Grubb, S., Bouma, B., Tearney, G., Pujimoto, J.G. Spectrally shaped rare-earth-doped fiber ASE sources for use in optical coherence tomography 18246
Swanson, E.A., Hee, M.R., Tearney, G.J., Fujimoto, J.G. Application of optical coherence tomography in nondestructive evaluation of material microstructure 11024
Swanson, E.A. *see* Chinn, S.R. 3332
Swanson, E.A. *see* Chinn, S.R. 23466
Swanson, E.A. *see* Chinn, S.R. 59045
Swanson, E.A. *see* Hemenway, B.R. 36148
Swanson, G.D., Grzymkowski, A. SAE J1850 bus offers new dimension to in-vehicle data acquisition 39340
Swanson, J. Long-term variations in the exposure of the population of England and Wales to power-frequency magnetic fields 49811
Swanson, J. Net currents in underground distribution circuits in the UK: implications for assessing magnetic-field exposures 49814
Swanson, J.G. *see* Parmiter, P.J.M. 12572
Swanson, J.G. *see* Wang, Q.H. 2273
Swanson, L.W. *see* Orloff, J. 24365
Swanson, M.D., Tewfik, A.H. A binary wavelet decomposition of binary images 15484
Swanson, M.D., Zhu, B., Tewfik, A.H. Robust data hiding for images 46354
Swanson, M.D. *see* Zhu, B. 46356
Swanson, M.J. *see* Sidhu, T.S. 50627
Swanson, P. Case histories of radiation curing for electronic packaging 10060
Swanson, R. *see* Zhang, B. 49161
Swanson, R.D. High speed PCB design: a unique and compelling alternative to traditional printed circuit board design and manufacture 11865
Swanson, R.N. *see* Corcoran, W.R. 38535
Swanson, T. *see* Brody, G. 47864
Swanup, G. *see* Sachdev, R.N. 48758
Swarna, M.V. *see* Pradhan, D.K. 11326
Swarnamani, S. *see* Sujana, H. 28223
Swart, H.C. *see* Trottier, T.A. 55417
Swart, J.J.B.de *see* de Swart, J.J.B.
Swart, J.W. *see* De Souza, J.P. 2297
Swart, J.W. *see* Morimoto, N.I. 22918
Swart, N.R. *see* Jeorminek, H. 17367
Swart, P.H., van Wyk, J.D., Case, M.J. On techniques for localization of sources producing distortion in three-phase networks 38230
Swart, P.H. *see* Case, M.J. 38229
Swart, P.H. *see* Nel, J.J. 51255
Swart, P.L., Spammer, S.J., Theron, D.C. Differentiating fiber optic Mach-Zehnder interferometer for alternating current measurements 36631
Swart, P.L. *see* Booysen, A. 7394
Swart, P.L. *see* Burger, J.P. 44398
Swart, P.L. *see* Chtcherbakov, A.A. 48594
Swart, P.L. *see* Lacquet, B.M. 27605
Swart, P.L. *see* Lacquet, B.M. 29752
Swart, P.L. *see* Lacquet, B.M. 50670
Swart, P.L. *see* Lacquet, B.M. 51821
Swart, P.L. *see* Spammer, S.J. 17412
Swart, W., Spak, G.T., Lippel, A. Virtual Classroom(R) and distance learning at New Jersey Institute of Technology 20603
Swart, W. *see* Miller, J.W. 20508
Swartwout, M., Olsen, T., Kitts, C. The omni-directional differential sun sensor 18610
Swartz, B. *see* Magotra, N. 18523
Swartz, J. Super Sonet boost: US West turns to Sonet to enhance reliability, expand services 6843
Swartz, J. *see* Benson, S.V. 18075
Swartz, K.L. The brave little toaster meets Usenet 16323
Swartz, R.G. *see* Frigo, N.J. 16762
Swartz, R.G. *see* Ota, Y. 58348
Swartz, S.L. *see* Lawless, W.N. 43770
Swartzander, G.A., Jr. *see* Law, C.T. 24223
Swartzentruber, B.S. Kinetics of Si monomer trapping at steps and islands on Si(001) 30827
Swartzlander, A. *see* Albin, D. 40548
Swartzlander, A.B. *see* Lindahl, K.A. 39107
Swartzlander, E., Jr. *see* Ziaja, T. 32517
Swartzlander, E.E. *see* De Angel, E. 1481
Swartzlander, E.E. *see* Nigaglioni, R.H. 1318
Swartzlander, E.E., Jr. *see* De Angel, E. 21551
Swartzlander, E.E., Jr. *see* de Angel, E. 31188
Swartzlander, E.E., Jr. *see* Feiste, K.A. 1607
Swartzlander, E.E., Jr. *see* Gallagher, W.L. 31249
Swartzlander, E.E., Jr. *see* Hyesook Lim 4800
Swartzlander, E.E., Jr. *see* Hyesook Lim 21753
Swartzlander, E.E., Jr. *see* Kwan, H. 31232
Swartzlander, E.E., Jr. *see* Shaoyun Wang 21650
Swarz, R.S. *see* Clark, J.A. 52161
Swaszek, P. *see* Giannopoulos, E. 25244
Swaszek, P.F. Another upper bound to the probability of word error for binary block codes in AWGN 34630
Swaszek, P.F., Levine, P.J. Two results in importance sampling 30465
Swaszek, P.F., Willett, P. On the design of T-codes 34626
Sweatman, D. *see* Dimitrijev, S. 22916
Sweatman, D. *see* Dimitrijev, S. 54410
Sweatman, D. *see* Hui-Feng Li 42333
Sweatt, R.A. *see* White, K.R. 16485
Sweatt, W.C. *see* Descour, M.R. 14451
Sweatt, W.C. *see* Ray-Chaudhuri, A.K. 22719
Swee Chuan Tjin, Seng Lee Ng, Kian Thiam Soo New side-projected fiber optic probe for in vivo flow measurements 28100
Swee Ngin Tan *see* Tan Swee Ngin
Sweeney, D.S. *see* Kania, D.R. 22664
Sweeney, H. *see* McGarry, J.F. 36265
Sweeney, J.D. *see* Gustafson, K.J. 59788
Sweeney, J.J., III *see* Asinovsky, L. 21332
Sweeney, J.W. Single large roller mill feeds today's jumbo cement plants 39472
Sweeney, L. Improvement demands in CNC machining operations 20780
Sweeney, M. *see* Webb, D.J. 37700
Sweeney, R.J., Gill, R.M., Reid, P.R. Post-shock spatial gradients of transmembrane potential as a source for post-shock activations during failed defibrillation 37844
Sweeney, S.J. *see* Adams, A.R. 23953
Sweeney, T.G., Whatmore, R.W. Electrophoretic deposition of ferroelectric thin films 40513
Sweeny, M. *see* Bismuth, J. 36111
Sweet, B.T., Tiana, C. Image processing and fusion for landing guidance 18648
Sweet, J.N., Peterson, D.W., Emerson, J.A., Burchett, S.N. Experimental measurements and finite element calculations for liquid encapsulated ATC04 assembly test chips 335
Sweet, R.M. *see* Skinner, J.M. 36441
Sweet, W. Power and energy 28813
Sweetser, J.N. *see* Krumbugel, M.A. 44711
Sweetser, J.N. *see* Taft, G. 55588
Sweetser, T., Fittinghoff, D., Trebino, R. Ultrashort-laser-pulse measurement at the sample medium: transient-grating frequency-resolved optical gating in air 17827
Swegle, J.A. Nonrelativistic, planar double-stream equilibrium in magnetically insulated diodes 22116
Sweha, S. The design of an integrated circuit using a Virtual Enterprise 11080
Sweitzer, G. Display user response by task lighting/office configuration: implications for flat panel display users 58918
Sweldens, W. *see* Fernandez, G. 25689
Sweldens, W. *see* Schroder, P. 35206
Sweney, R. *see* Miller, J.W.V. 30349
Swenne, C.A. *see* Levert, J.V. 37815
Swenne, C.A. *see* Levert, J.V. 37817
Swenson, D. *see* Chen, D.Y. 32051
Swenson, D.A., Crandall, K.R., Guy, F.W., Potter, J.M., Topolski, T.A. Prototype of the RFD linac structure 49027
Swenson, D.E. The 4 basic rules for an effective ESD program 44918
Swenson, D.E. *see* Ball, A. 22029
Swenson, G. *see* Roslund, J.H. 750
Swenson, G. *see* Roslund, J.H. 52606
Swenson, G.W., Jr. Looking back: Sputnik 34087
Swensrud, R.L. *see* Arai, Y. 37267
Swensrud, R.L. *see* Arai, Y. 37268
Swensrud, R.L. *see* Christianson, O.R. 51623
Swent, R.L. *see* Crosson, E.R. 18012
Swerling, P. Radar probability of detection for some additional fluctuating target cases 58421
Swerts, M. Prosodic features at discourse boundaries of different strength 34650
Swerts, U. *see* van Sas, J. 40969
Swiat, P. *see* Stohlker, Th. 7727
Swiatek, G. *see* Januszewski, S. 51170
Swiatek, H. *see* Januszewski, S. 9386
Swiatek, H. *see* Januszewski, S. 51170
Swiatek, K. *see* Sadowski, J. 10754
Swidan, M.A. *see* Emarah, A.S. 19179
Swidenbank, E. *see* Geddes, D.J. 19565
Swidenbank, E. *see* Lown, M. 19691
Swidenbank, E. *see* Prasad, G. 19555
Swidenbank, E. *see* Prasad, G. 38613
Swidenbank, E. *see* Rice, E.P. 19566
Swider, R. *see* Cohen, C.E. 60003
Swider, W. *see* Liliental-Weber, Z. 10804
Swider, W. *see* Ruvimov, S. 52593
Swider, Z. *see* Trybus, L. 7210
Swiergot, F. *see* Skoropacki, W. 61390
Swierk, D., Heimrath, A. Coupled power equations in multimode waveguides: several, random, correlated imperfections 4312
Swierkosz, M. *see* Chaboudez, C. 39426
Swierkosz, M. *see* Rappaz, J. 51842

Swierkowski, L., Szymanski, J., Gortel, Z.W. Linear-response theory for multicomponent fermion systems and its application to transresistance in two-layer semiconductor structures 42076
Swift, C.T. *see* Le Vine, D.M. 8301
Swift, C.T. *see* Scheve, T.M. 38049
Swift, D.A. *see* Houlgate, R.G. 38914
Swift, F.J., Wang, H.F. The connection between modal analysis and electric torque analysis in studying the oscillation stability of multi-machine power systems 50429
Swift, F.J. *see* Wang, H.F. 8852
Swift, F.J. *see* Wang, H.F. 19277
Swift, F.J. *see* Wang, H.F. 50512
Swift, F.J. *see* Wang, H.F. 60257
Swift, G. *see* Edmonds, L. 22993
Swift, G.W. *see* McLaren, P.G. 19387
Swift, G.W. *see* McLaren, P.G. 19389
Swift, G.W. *see* Watanabe, A. 51871
Swift, M., Elliston, W., Sandys-Wunsch, M., McIntyre, C.M., Riley, J.L. Tracking weak targets with a grid search approach using spatially distributed sensors 25229
Swift, S. *see* So, W.S. 16217
Swillo, M., Karpierz, M.A., Sierakowski, M., Mauchline, I.S., McCallion, K., Johnstone, W. Optical bistability in nonlinear liquid crystalline directional coupler 55270
Swim, C. *see* Chandra, S. 44371
Swindeman, M. *see* Sottos, N.R. 1808
Swindlehurst, A. Synchronization and spatial signature estimation for multiple known co-channel signals 4870
Swindlehurst, A. *see* Gunther, J. 25817
Swindler, D.L., Schwartz, P., Hamer, P.S., Lambert, S.R. Transient recovery voltage considerations in the application of medium-voltage circuit breakers 61373
Swing, R.E. *see* Fitzgerald, M.P. 17179
Swingler, J., McBride, J.W. Modelling of energy transport in arcing electrical contacts to determine mass transfer 11791
Swingler, S. *see* Lewin, P.L. 43519
Swingler, S.G. *see* Wu, X. 43517
Swinkels, J.M. *see* Mailath, G.J. 40018
Swinkels, J.M. *see* Marx, L.M. 40019
Swiontek, C. Harmonised standards in power system designs 60262
Swirbel, T. Liquid crystal display manufacturing in a prototype environment 17679
Swirski, B. *see* Huang, C.X. 21441
Swiryn, S. *see* Schoenwald, A.T. 59734
Swiryn, S. *see* Shkurovich, S. 37771
Swiryn, S. *see* Shors, S.M. 8063
Swisher, J., Orans, R. The use of area-specific utility costs to target intensive DSM campaigns 28809
Swistacz, B. Further theoretical description for double injection in the metal-solid-metal system 42910
Switkes, M. *see* Patel, S.R. 42102
Switkes, M. *see* Smith, W.F. 7254
Switzer, W.K. Eleven practical tips for grounding substations 51413
Swope, R. *see* Woo Sik Yoo 30926
Sworder, D.D., Boyd, J.E., Clapp, G.A. Image fusion for tracking manoeuvring targets 25289
Sworder, D.D. *see* Kent, M. 6658
Swu Yih *see* Chin-Feng Fan 52368
Swyden, T.A. *see* Cha-Mei Tang 22149
Swyden, T.A. *see* Tang, C.-M. 1915
Swyden, T.A. *see* Tang, C.-M. 1922
Swynghedauw, B. *see* Clairambault, J. 49734
Sy-Ming Guu *see* Zhang, A.X. 40120
Sy-Yen Kuo *see* Chen-Ken Ko 36099
Sy-Yen Kuo *see* Jenn-Wei Lin 16091
Sy-Yen Kuo *see* Li-Ren Huang 53130
Sy-Yen Kuo *see* Li-Ren Huang 58631
Syao, K.-C., Yang, K., Zhang, X., Haddad, G.I., Bhattacharya, P. Monolithically integrated 16-channel 1.55 μm pin/HBT photoreceiver array with 11.5 GHz bandwidth 26784
Syao, K.C., Gutierrez-Aitken, A.L., Yang, K., Zhang, X., Haddad, Bhattacharya, P. A novel technique to reduce crosstalk in monolithically integrated high speed photoreceiver arrays 47993
Syassen, K. *see* Li, G.H. 22383
Syassen, K. *see* Liu, Z.X. 22352
Syassen, K. *see* Ulrich, C. 22283
Syau Yu-Ru *see* Yu-Ru Syau
Sybeldon, A. *see* Danko, T. 61006
Syben, O. *see* Adam, A. 37280
Syben, O. *see* Braunschweig, W. 7808
Sybille, G., Haj-Maharsi, Y., Morin, G., Beauregard, F., Brochu, J., Lemay, J., Pelletier, P. Simulator demonstration of the interphase power controller technology 8853
Sychev, V.V. *see* Didkovskii, L.V. 43590
Sychugov, V.A., Tishchenko, A.V. Gratings with parallelogramic-shape grooves for unidirectional coupling in large guidance waveguides 44031
Sychugov, V.A., Tishchenko, A.V., Usievich, B.A., Parriaux, O. Optimization and control of grating coupling to or from a silicon-based optical waveguide 13676
Sychugov, V.A. *see* Loktev, S.M. 33061
Sychyi Fang *see* Gang Bai 2437
Sydnor, R.L. *see* Tjoelker, R.L. 27324
Sydow, A., Lux, T., Mieth, P., Schmidt, M., Unger, S. Ozone simulation by parallel computers 50224
Sydow, L. *see* Schieck, H.P. *(editor)* 29988
Syed, A.R. Thermal fatigue reliability enhancement of plastic ball grid array (PBGA) packages 234
Syed, A.R. Significance of design parameters on the thermal fatigue life of plastic ball grid array packages 306
Syed, K.S. *see* Udaiyan, D. 14373
Syed, K.S. *see* Udaiyan, D. 33684
Syed, M.A. *see* Nihous, G.C. 29159
Syeda-Mahmood, T.F. Recognizing similarity through a constrained non-rigid transform 5282
Syeda-Mahmood, T.F. Data and model-driven selection using color regions 46169
Syeda-Mahmood, T.F., Yong-Qing Cheng Indexing colored surfaces in images 5587
Syephenson, H. Student consultants: an under utilized resource 39667
Syganow, V. *see* Scholz, F. 40365
Sygnowski, W., Macukow, B. Counter-propagation neural network for image compression 46116
Syh-Nan Tsai *see* Yu-De Lin 34211
Sying-Jyan Wang *see* Po-Ching Hsu 52157
Sykas, E.D. *see* Manolessos, I.I. 25953
Sykas, E.D. *see* Markoulidakis, J.G. 16555
Sykas, E.D. *see* Pountourakis, I.E. 16337
Sykes, L., Ross, E.R.S., Powell, E.S., Edwards, J. Objective measurement of use of the reciprocating gait orthosis (RGO) and the electrically augmented RGO in adult patients with spinal cord lesions 49782
Sykes, N. *see* Rizvi, N.H. 2540
Sykesud, C.G.D. *see* Miller, L.S. 36963
Sykulski, J.K. Modelling electromagnetic fields and power losses in high temperature superconductors 43744
Sykulski, J.K., Stoll, R.L., Mahdi, A.E., Please, C.P. Modelling HTc superconductors for AC power loss estimation 43755
Sykulski, J.R. *see* Sharkh, S.M.A. 61263
Sylla, M. *see* Sahraoui, B. 55861
Syllaios, A.J. *see* Bevan, M.J. 40465
Sylos Labini, M. *see* Cannistra, G. 9217
Sylvester, D. *see* Chen, J.C. 42710
Sylvester, D. *see* McGaughy, B.W. 12821
Sylvester, W.B., Graber, H.C., Pierson, W.J. A comparison of models for the AMI on ERS-1 and SASS-II for NSCAT on ADEOS: implications for an improved NSCAT model 50070
Sylvestre, A., Aniel, F., Boucaud, P., Julien, F.H., Jin, Y., Crozat, P., De Lustrac, A., Adde, R. Electroluminescence study of "on" and "off" state breakdown in InP based HEMTs 54692
Sylvestre, A. *see* Aniel, F. 54696
Sylvia, P. Adding switched intelligence to the network 6419
Syme, R.T. Tunnelling devices as microwave mixers and detectors 11707
Symes, A. *see* Akehurst, D. 35378
Symon, K. *see* Crosbie, E. 18036
Symon, K. *see* Lessner, E. 18044
Symons, D.M. *see* Booker, G.R. 52669
Symons, D.M. *see* Klipstein, P.C. 12336
Symons, P.C. *see* Akhil, A. 60188
Symosek, P. *see* Bhanu, B. 56700
Syms, R.R.A., Tate, T.J., Ahmad, M.M., Taylor, S. Fabrication of a microengineered quadrupole electrostatic lens 4203
Symula, T. *see* Davis, G. 30169
Symvonis, A. *see* Pantziou, G.E. 57587
Synal, B., Korejwo, E. Central redundancy of protection and disturbance analysis system for EHV and HV substation 19923
Synn Sang-Youp *see* Sang-Youp Synn
Synnott, S.P. *see* Bhaskaran, S. 59873
Synogach, V.T., Dotsch, H. High-frequency domain wall excitations in magnetic garnet films with in-plane magnetization 23342
Synowicki, R.A. *see* Ducharme, S. 36504
Synowicki, R.A. *see* Hillfiker, J.N. 2764
Syo, T., Akiyama, Y., Kumashiro, S., Yokota, I., Asada, S. A triangular mesh with the interface protection layer suitable for the diffusion simulation 13110
Syoubu, K. *see* Sumi, Y. 40946
Syoubu, K. *see* Sumi, Y. 53062
Syoung Gon Yu *see* Sung Weon Kang 41768
Sypek, M. *see* Jaroszewicz, Z. 13780
Syphers, G. *see* Ludman, J.E. 61086
Syphers, M. *see* Palmer, R.B. 17924
Syphers, M. *see* Palmer, R.B. 17966
Sypniewska, Z. *see* Czenviliska, A. 49703
Sypniewska, Z. *see* Czerwinska, A. 49700
Syracuse, K.C., Clark, W.D.K. A statistical approach to domain performance modeling for oxyhalide primary lithium batteries 60987
Syrbu, A.V., Yakovlev, V.P., Suruceanu, G.I., Mereutza, A.Z., Mawst, L.J., Bhattacharya, A., Nesnidal, M., Lopez, J., Boetz, D. ZnSe-facet-passivated InGaAs/InGaAsP/InGaP diode lasers of high cw power and "wallplug" efficiency 3846
Syrbu, A.V. *see* Mawst, L.J. 44551
Syrbu, N.N., Dorogan, V.V., Cretu, R.V. Formation of InGaAs layers onto InP substrates by liquid-phase epitaxy 811
Syre, P. Licensing of conductor beams by the Eisenbahn-Bundesamt [electric railway catenaries] 61238
Syrigos, H.D. *see* Pozar, D.M. 34354
Syrjakow, M., Szczerbicka, H., Berthold, M.R., Huber, K.-P. Acceleration of direct model optimization methods by function approximation 30544
Syrjanen, M. *see* Torma, S. 20809
Syrmos, V.L. *see* Aripirala, R. 45823
Syroid, D., Hansen, G., Boling, E. A high performance 4×4 inch AMLCD for avionic applications 18625
Syroid, D., Hansen, G., Boling, E. A high performance 4×4 inch AMLCD for avionic applications 59949
Syromyatnikov, S.Yu. *see* Gerikh, V.P. 8736
Syromyatnikov, S.Yu. *see* Stroev, V.A. 60260
Syrota, A. *see* Millet, P. 18327
Syrota, A. *see* Vera, P. 37674
Syrova, L., Setnicka, V., Bajcsy, J. Testing of A/D conversion under LDA method conditions 17865
Syrus, J. *see* Sanghvi, N.T. 28413
Syrzycki, M. *see* Ghodsian, B. 13187
Syrzycki, M. *see* Ghodsian, B. 27706
Syrzycki, M. *see* Ghodsian, B. 27945
Syrzycki, M. *see* Lye, B. 11533
Syrzycki, M. *see* Radanovic, B. 11614
Sys, C. *see* Zhang, X. 40327
Sysoev, A.M., Parshikov, S.A., Zaitsev, A.I., Zamkov, A.V., Aleksandrov, K.S. Piezoelectric properties of glassceramic based on lithium tetraborate 54939
Sysoev, S.V. *see* Fainer, N.I. 40546
Sysoeva, N.P. *see* Fainer, N.I. 40546
Sytenkov, V.N. *see* Balakirev, V.V. 16971
Sytenkov, V.N. *see* Makarov, A.S. 13839
Sytin, A.N. *see* Los', S.V. 18135
Syuaib, I. *see* Jeong, K.T. 23950
Syuzo, M. *see* Minoru, S. 29019
Syverson, D. *see* Muscat, A.J. 42570
Syverson, D.J. *see* Tong, J.K. 42463
Syverson, D.J. *see* Tong, J.K. 42628
Syverson, P.F. *see* Goldschlag, D.M. 25972
Syverson, P.F. *see* Reed, M.G. 25967
Syverson, W., Fleming, M., Schubring, P. The effects of reversing wafer-surface wetting properties of sulfuric acid:hydrogen peroxide wafer-cleaning solutions 42454
Szabados, J. *see* Sharma, A. 570
Szabo, A., Kansara, M., Ward, E.S. Analysis of zero-current-switching boost converters 19874
Szabo, A. *see* Anding, D.C. 28516
Szabo, B. *see* Bower, C.C.F. 60482
Szabo, C. An Ethernet compatible protocol to support real time traffic and multimedia applications 47097
Szabo, C. *see* Chlamtac, I. 47999
Szabo, G. *see* Bozoki, Z. 7672
Szabo, G. *see* Erdelyi, M. 2504
Szabo, G. *see* Erdelyi, M. 42848
Szabo, G. *see* Sengupta, C. 2513
Szabo, K. *see* Handels, H. 18224
Szabo, L. *see* Nemeth, S. 27853
Szabo, M.J. *see* Carley, M.P. 60388
Szabo, T., Fazekas, L. Application of a thermographic camera in the cardiovascular research 18296
Szaboc, C. *see* Chlamtac, I. 6205
Szadkowsi, A. *see* Mycielski, A. 10627
Szafarska, E., Mohr, F., Fischer, E., Erhardt, A. Phased array: well qualified for core shroud inspection 50728
Szafraniec, B. *see* Blake, J. 27629
Szafraniec, B. *see* Sanders, G.A. 27610
Szalay, A. *see* Mamalis, A.G. 43877
Szalkowski, J.M. *see* Shmulovich, J. 33321
Szamota-Sadowska, K. *see* Sadowski, J. 10754
Szanto, A. *see* Ronyai, L. 30417
Szarkowicz, K., Fodor, G., Farago, A., Henk, T. Simulation analysis of routing strategies in multicasting multiservice loss networks 57965
Szarvas, G. *see* Barocsi, A. 5461
Szarvas, G. *see* Erdei, G. 33197
Szasz, K., Torak, L., Eordogh, I. Method for separation of partly occluded objects by image processing 15747
Szathmary, P. *see* Kolcun, M. 60275
Szatkowski, J. *see* Reniewicz, H. 12251
Szatmari, S., Almasi, G., Feuerhake, M., Simon, P. Production of intensities of ~10^{19} W/cm^2 by a table-top KrF laser 13923
Szatmari, S., Bakonyi, Z., Simon, P. Active spatial filtering of laser beams 24061
Szawlowski, M. *see* Boisvert, J.C. 59216
Szczecinski, L., Morawski, R.Z., Barwicz, A. Original-domain Tikhonov regularization and non-negativity constraint improve resolution of spectrophotometric analyses 36396
Szczepanski, J. *see* Perez Ramirez, A.S. 52848
Szczepanski, P. *see* Szymanski, M. 55722
Szczepanski, S., Jakusz, J., Schaumann, R. A linear fully balanced CMOS OTA for VHF filtering applications 32548
Szczepkowski, M.A. *see* Ryder, J.M. 57766
Szczerba, Z. *see* Grzenkowicz, A. 19221
Szczerba, Z. *see* Zajczyk, R. 19436
Szczerbicka, H. *see* Syrjakow, M. 30544
Szczerbicki, E. Cost-constrained planning for concurrency satisfaction 20783
Szczesniak, A. *see* Jabcznski, J.K. 3759
Szczesniak, A. *see* Jabczynski, J.K. 23839
Szczesniak, M. *see* Pioro, M. 25982
Szczesniak, M. *see* Pioro, M. 35525

Szczesny, R., Chrzan, P.J., Iwan, K. Modelling and simulation of electrical drives at normal and fault conditions 61146
Szczesny, R., Kurzynski, P., Piquet, H., Iwan, K. Knowledge-base system approach to power electronic systems fault diagnosis 9413
Szczesny, R. *see* Chrzan, P.J. 9640
Szczesny, R. *see* Ronkowsi, M. 60643
Szczyglowski, J. *see* Markowski, G. 23379
Szczypka, Z. A note on broadbanded Gysel's type power divider/combiner 24546
Sze, P.W., Wang, N.F., Houng, M.P., Wang, Y.H., Cherng, Y.T., Wang, C.H. Characteristics of ZnCdTe grown on (100) GaAs substrate by MOCVD 12243
Sze, W., Baba, T. Stylus profiler applications in monitoring flat panel and color filter process steps 17675
Sze Fong Yau, Bresler, Y. On the robustness of parameter estimation of superimposed signals by dynamic programming 4643
Sze Fong Yau, Kai Kou Yu A sinogram restoration technique for the limited-angle problem in computer tomography 15694
Sze Jyh-Rou *see* Jyh-Rou Sze
Sze-Chieh Shen *see* Shen Sze-Chieh
Szeflinski, Z. *see* Popkiewicz, M. 49345
Szegedi, G. *see* Csiki, Z. 37716
Szekely, C. *see* McClelland, T. 27822
Szekely, G., Naf, M., Kubler, O. Skeletal description of complex 3D shapes with application to brain anatomy 37683
Szekely, G. *see* Brechbuhler, C. 18381
Szekely, G. *see* Neuenschwander, W. 46419
Szekely, V., Marta, C., Rencz, M., Benedek, Z., Courtois, B. Design for thermal testability (DfTT) and a CMOS realization 36375
Szekely, V., Poppe, A., Rencz, M., Csendes, A., Pahi, A. Electro-thermal simulation: a realization by simultaneous iteration 40823
Szekely, V., Rencz, M. Thermal investigations of microsystems 20956
Szekely, V., Rencz, M., Courtois, B. Thermal transient testing [IC packaging] 52203
Szekely, V., Rencz, M., Courtois, B. Thermal testing methods to increase system reliability 52287
Szekely, V., Rencz, M., Karam, J.M., Lubaszewski, M., Courtois, B. Thermal monitoring of safety-critical integrated systems 54733
Szekely, V. *see* Kohari, Z. 43223
Szekeres, A., Alexandrova, S. Low-temperature treatment of Si/SiO_2 structures in an RF hydrogen plasma 32205
Szelag, A., Zajac, W., Martinez, P.M. Harmonic distortion caused by electric traction vehicles with AC motors fed by DC supply system–CAD analysis 51773
Szeles, C., Shan, Y.Y., Lynn, K.G., Eissler, E.E. Deep electronic levels in high-pressure Bridgman $Cd_{1-x}Zn_xTe$ 31818
Szeles, S. *see* Rosenfeld, D. 48712
Szeless, B. *see* Benda, V. 49014
Szeless, B. *see* Humer, K. 59113
Szeless, B. *see* Lebrun, P. 49079
Szeliski, R., Shum, H.-Y. Motion estimation with quadtree splines 15954
Szeliski, R. *see* Ming-Chieh Lee 35187
Szentkuti, B.T. In the service of law and technology: structures and contents of EMC standards 34115
Szentpali, B. *see* Gottwald, P. 54389
Szepessy, Z. Precision resistor of reduced dynamic error 21984
Szeto, K.Y. *see* Frohlinghaus, T. 25248
Szeto, T. *see* Chan, T.F. 591
Szezupak, J. *see* Rodrigues, A.P.R. 4696
Szi-Wen Chen, Clarkson, P.M. Detection of cardiac arrhythmias using a damped exponential modeling algorithm 18477
Szi-Wen Chen, Clarkson, P.M. Identification of cardiac arrhythmias using a damped exponential-predominant frequency algorithm 59656
Szidarovszky, F. A note on the alternating offer method 39995
Sziklai, P. *see* Gacs, A. 40033
Szilagyi, E. *see* Battistig, G. 12167
Szilagyi, E. *see* Hajnal, Z. 12154
Szilagyi, P. *see* Bojtor, L. 60556
Szinyur, J. *see* Denkmayr, K. 61369
Szipocs, R. *see* Sorokina, I.T. 55581
Sziranyi, T., Czuni, L. Picture segmentation with introducing an anisotropic preliminary step to an MRF model with cellular neural networks 15544
Sziranyi, T., Zerubia, J. Markov random field image segmentation using cellular neural network 25555
Sziranyi, T., Zerubia, J., Geldreich, D., Kato, Z. Cellular neural network for Markov random field image segmentation 35090
Sziranyi, T. *see* Foldesy, P. 35105
Szklo, A.S., Maia, L.O.A., Qassim, R.Y. A kaizen budgeting model 52099
Szkodzik, A. *see* Wiecek, B. 5482
Szkolka, S. *see* Cichon, M. 38912
Szlufcik, J. *see* Ghannam, M. 61085
Szlufcik, J. *see* Krotkus, A. 51599
Szlufcik, J. *see* Nijs, J. 20038
Szmanski, T.H. *see* Plant, D.V. 55473
Szmaus, P. *see* Gorecka, B. 49437
Szmidt, J. Properties of the interface of diamond-like layers (DLC) with silicon 2263
Szmidt, J. *see* Lisik, Z. 40910
Szoke, M.L. *see* Rothert, J.K. 38578
Szolgay, P., Tomordi, K. Optical detection of breaks and short circuits on the layouts of printed circuit boards using CNN 30347
Szolgay, P. *see* Foldesy, P. 35105
Szolovits, P. *see* Ruilin Zhao 49747
Szonyi, I. *see* Barocsi, A. 5461
Szonyi, T. *see* Bonisoli, A. 40034
Szonyi, T. *see* Gacs, A. 40033
Szostka, J. *see* Rozanski, L. 4335
Szpak, C. *see* Duncan, G. 17515
Szpankowski, W. Analytical approach to some problems involving order statistics 30431
Szpankowski, W. *see* Atallah, M.J. 57246
Szpankowski, W. *see* Georgiadis, L. 57649
Szpankowski, W. *see* Louchard, G. 24727
Szplet, R. *see* Kalisz, J. 27437
Szplet, R. *see* Pelka, R. 27401
Szpunar, J.A. *see* Birsan, M. 3049
Szpunar, J.A. *see* Birsan, M. 43627
Szpytko, J., Markusik, S. Information system for the device better quality [sic.] 39905
Szreter, M. *see* Paszkiewicz, B. 3645
Sztampke, A. *see* Popkiewicz, M. 49345
Sztankay, Z.G. *see* Stann, B.L. 19022
Sztefka, G. *see* Noting, H.-P. 23555
Sztobryn, K. *see* Piotrowski, A. 48011
Sztrik, J. *see* Kouvatsos, D. 5821
Szu, H., Garcia, J., DeWitte, J. Telemedicine: recognitions from 2D views and 1D projections 59561
Szu, H., Hsu, C., Erie, M., Weeks, M. An artificial chaotic neural network for image feature extraction 21855
Szu, H. *see* Bodruzzaman, M. 59398
Szu, H. *see* Garcia, L. 57549
Szu, H. *see* Scheff, K. 57548
Szu, H. *see* Sheng Zhong 52328
Szu, H.H., Le Moigne, J., Netanyahu, N.S., Hsu, C.C., Francis, M. Wavelet index of texture for artificial neural network classification of Landsat images 60028
Szu, H.H., Telfer, B.A., Ananadkumar, J., Zaghloul, M. Remote ECG diagnoses using wavelet transform and artificial neural networks 59737
Szu, H.H. *see* Choe, H.C. 56591
Szu, H.H. *see* Hsu, C.C. 1656
Szu, H.H. *see* Telfer, B.A. 58496
Szu-Kang Hsien *see* Chao-Hsin Chien 54291
Szuber, J. Cleaning of MBE GaAs substrates by novel techniques using surface chemical reactions with hydrogen 2338
Szuber, J. *see* Krol, A. 7466
Szulakiewicz, P. *see* Stelter, A. 56492
Szularz, M. *see* Murphy, K. 10473
Szularz, M. *see* Weston, J. 10474
Szulc, M. *see* Lu, P. 37739
Szulman, S. *see* Biebow, B. 6269
Szummer, M. *see* Picard, R.W. 57320
Szumski, S., White, E. Chicago customers know where every kilowatt-hour goes 8756
Szurkowski, E.S. *see* Grzelak, S.A. 16433
Szuszkiewicz, W., Dynowska, E., Bak-Misiuk, J., Karczewski, G., Wojtowicz, T., Kossut, J., Jouanne, M. Characterization and selected physical properties of CdTe/MnTe short period strained superlattices 12439
Szuszkiewicz, W., Jouanne, M., Dynowska, E., Janik, E., Karczewski, G., Wojtowicz, T., Kossut, J., Gebicki, W. Optical characterization of cubic MnTe and $Cd_{1-x}Mn_xTe$ layers by the Raman scattering investigations 22242
Szwaj, C., Bielawski, S., Derozier, D. Propagation of waves in the spectrum of a multimode laser 3730
Szwarc, V. *see* Inkol, R. 19027
Szwarc, V. *see* Inkol, R. 50281
Szwaykowski, P. Polarization based fringe projection interferometer for phase stepping techniques 7584
Szydlo, N. *see* Schmitt, J. 13723
Szygenda, S. *see* Macfadzean, R. 48102
Szygenda, S.A., Hur, Y. Logic simulation based on a special purpose array processor 31205
Szygenda, S.A. *see* Hur, Y. 31067
Szygenda, S.A. *see* Hur, Y.-M. 52950
Szymaniec, K. *see* Clairon, A. 27367
Szymaniec, K. *see* Clairon, A. 48295
Szymaniec, K. *see* Ghezali, S. 27316
Szymanski, A. Hydrothermal process of bulk diamond coarsening and multigrain composites synthesis 30707
Szymanski, A. *see* Cichon, M. 38912
Szymanski, B. *see* Chrzumnicka, K. 23353
Szymanski, B. *see* Stobiecki, F. 55039
Szymanski, G. *see* Demski, W. 44925
Szymanski, J. *see* Cambell, P.K. 26851
Szymanski, J. *see* Swierkowski, L. 42076
Szymanski, M., Kubica, J.M., Szczepanski, P., Mroziewicz, B. A theory of broad-area semiconductor lasers with modal reflectors 55722
Szymanski, M. *see* Mroziewicz, B. 3813
Szymanski, T.H., Supmonchai, B. Reconfigurable computing with optical backplanes an economic argument for optical interconnects 55348
Szymanski, T.H. *see* Rolston, D.R. 3662
Szymanski, T.H. *see* Rolston, D.R. 33325
Szymanski, T.H. *see* Sherif, S.S. 33339
Szymanski, W.S. Authentication server–implementation in TCP/IP 34565
Szymkowiak, A. *see* Ning Wang 17015
Szymonski, V.G., Bryan, J.E., Seyed-Yagoobi, J. Theoretical study of an electrostriction pump 29515
Szymura, S. *see* Zbroszczyk, J. 23308
Szymura, S. *see* Zbroszczyk, J. 23309
Szynkarczyk, P. Neural network as a vision analyzing controller for a mobile robot 7420
Szyszka, A. Review of the Neunburg vorm Wald solar hydrogen demonstration project 9565

T., H.El-Khabeary *see* El-Khabeary T., H.
't Hooft, G.W. *see* Colak, S.B. 37659
't Hout, K.J.in *see* in 't Hout, K.J.
T-Raissi, A., Banerjee, A., Sheinkopf, K. Metal hydride storage requirements for transportation applications 20193
Ta Hsun Yeh *see* Kow Ming Chang 30889
Ta Liu Shin *see* Shin Ta Liu
Ta Yow Lin *see* Shye Lin Wu 22551
Ta-Cao, M., Le-Huy, H. Model reference adaptive fuzzy controller and fuzzy estimator for high performance induction motor drives 29717
Ta-Cao Minh *see* Minh Ta-Cao
Ta-Chun Lo *see* Zsehong Tsai 57601
Ta-Chung Wu *see* Fahrenbruch, A.L. 38989
Ta-Hsin Li, Gibson, J.D. Time-correlation analysis of nonstationary signals with application to speech processing 45648
Ta-Hsin Li, Mbarek, K. A blind equalizer for non-stationary discrete-valued signals 25812
Ta-Hsun Yeh *see* Kow-Ming Chang 32179
Ta-Hsun Yeh *see* Kow-Ming Chang 40566
Ta-Hsun Yeh *see* Kow-Ming Chang 42509
Ta-Hsun Yeh *see* Kow-Ming Chang 52765
Ta-Hsun Yeh *see* Kow-Ming Chang 54514
Ta-Lee Yu *see* Ming-Dou Ker 32437
Ta-Lee Yu *see* Ming-Dou Ker 32558
Ta-Ming Fang *see* Hoton How 34372
Ta-Sung Lee, Chung-Tze Chen, Tsui-Tsai Lin Design of pattern diversity antenna for mobile communications 35986
Ta-Yung Liu *see* Su, A. 1084
Taalab, A.I. Low order harmonic instability of HVDC systems using describing function 50521
Ta'Asan Shlomo *see* Shlomo Ta'Asan
Taatjes, C.A. *see* Powers, P.E. 18828
Taba, M. *see* Nakamura, I. 38805
Tabachenko, A.N. *see* Glavanakov, I.V. 37260
Tabaga, S., Pierrat, L., Blache, F. Parameter computation of a planar transformer by 3D finite element method 41555
Tabakomori, M. *see* Kimura, S. 54373
Tabarelli de Fatis, T. Light spectra sum rule 48541
Tabarrok, B. *see* Jichao Su 52556
Tabarrok, B. *see* Ye, X. 30731
Tabarrok, B. *see* Ye Xing 30696
Tabasky, M. *see* Ng, W. 58358
Tabasky, M.J. *see* Negri, A.J. 47925
Tabaszewski, M. *see* Cempel, C. 59021
Tabata, A., Kuno, Y., Suzuoki, Y., Mizutani, T. Properties of hydrogenated amorphous silicon carbide films prepared by a separately excited plasma CVD method 31872
Tabata, H., Kawai, T. Dielectric properties of strained $(Sr,Ca)TiO_3/(Ba,Sr)TiO_3$ artificial lattices 23170
Tabata, H. *see* Kawai, T. 23175
Tabata, H. *see* Tanaka, H. 32672
Tabata, O. *see* Kawahito, S. 7238
Tabata, O. *see* Koga, S. 58714
Tabata, O. *see* Tsuchiya, T. 21413
Tabata, Y. *see* Asai, S. 2494
Tabata, Y. *see* Chijimatsu, T. 2458
Tabata, Y. *see* Duck-Chool Lee 54964
Tabatabaei, S.A. *see* Iliadis, A.A. 43151
Tabatabaei, S.A. *see* Porkolab, G.A. 44247
Tabatabaie-Alavi, K. *see* Smith, I.W. 23718
Tabb, M., Ahuja, N. Multiscale image segmentation by integrated edge and region detection 57177
Tabbara, W., Helier, M., Fine, G., Perrin, H., Bonnaire, R. Software and video tools in education. Are they worth the investment? A brief account of few experiment 20547
Taber, M. *see* Buchman, S. 7545
Taber, R.C. *see* Flory, C.A. 11667
Taber, R.C. *see* Flory, C.A. 53531
Tabernero, A. *see* Portilla, J. 46125
Tabib-Azar, M., Behelm, G. Modern trends in microstructures and integrated optics for communication, sensing, and actuation 54858
Tabib-Azar, M. *see* Aydin, H. 42996
Tabib-Azar, M. *see* Dryfuse, M.W. 42995
Tabikh, S. *see* Gontrand, C. 43266
Tabiryan, N.V. *see* Bolshtyansky, M.A. 24248
Taboada, J.M. *see* Huajun Tang 32981
Tabory, C.N. *see* Shao, M. 39090
Tabourel, J. *see* Dolfi, D. 27005
Tabrez, M.S. Microwave strip [IC photoresist stripping] 54463

Tabrikian, J., Krolik, J.L., Messer, H. Robust maximum likelihood source localization by exploiting predictable acoustic modes 28659
Tabrikian, J. *see* Ephraty, A. 4666
Tabrikian, J. *see* Fostick, G.S. 27102
Tabuchi, J., Tochihara, I., Shirakata, M., Yoshinaga, M., Uchimura, T., von Sacken, U. Prismatic lithium ion secondary battery with manganospinel cathode 38947
Tabuchi, J. *see* Kibi, Y. 11767
Tabuchi, K. *see* Fujikake, S. 39127
Tabuchi, M., Fujibayashi, K., Yamada, N., Takeda, Y., Kamei, H. Distribution of As atoms in InP/InPAs (1 monolayer)/InP heterostructures measured by X-ray crystal truncation rod scattering 30750
Tabus, I., Petrescu, D., Gabbouj, M. Training based optimal stack filter design under structural constraints 56978
Taccardi, B. *see* MacLeod, R.S. 59726
Taccetti, F., Bucciolini, M., Mando, P.A., Milano, F. A pre-prototype of calorimeter in aluminium: technical characteristics and tests under radiotherapeutic beams 59774
Taccetti, N. *see* Poggi, G. 18118
Taccheo, S., Laporta, P., Longhi, S., Svelto, O., Svelto, C. Diode-pumped bulk erbium-ytterbium lasers 14019
Taccheo, S., Laporta, P., Svelto, O. Linearly polarized, single-frequency, widely tunable Er:Yb bulk laser at around 1550 nm wavelength 3788
Taccheo, S., Laporto, P., Svelto, O., De Geronimo, G. Intensity noise reduction in a single-frequency ytterbium-codoped erbium laser 3794
Tacconi, G. *see* Tesei, A. 45790
Tacer, B., Loughlin, P. Time-frequency based classification 24891
Tacer, B., Loughlin, P.J. What are the joint time-frequency moments of a signal? 15290
Tacer, B. *see* Loughlin, P.J. 18207
Tacer, B. *see* Loughlin, P.J. 56532
Tacer, M.E. *see* Tezduyar, L. 51880
Tachi, S. *see* Emura, S. 15447
Tachi, S. *see* Ohkura, M. 58907
Tachibana, H. *see* Ogawa, T. 32312
Tachibana, K. *see* Shirafuji, T. 32214
Tachibana, K. *see* Takemura, K. 18517
Tachibana, M., Kurosawa, S., Nojima, R., Kojima, N., Yamada, M., Mitsuhashi, T., Goto, N. Power and area optimization by reorganizing CMOS complex gate circuits 21610
Tachibana, T. *see* Yokota, Y. 30762
Tachibana, Y., Shima, A. On the detection of isolated signals by the partial spectrum of Daubechies wavelet 45812
Tachibana, Y. *see* Hirata, K. 45358
Tachibana, Y. *see* Kosuge, Y. 4759
Tachibe, T. *see* Takenaka, M. 32232
Tachika, H. *see* Yano, Y. 26536
Tachikawa, A. *see* Futagi, T. 31934
Tachikawa, A. *see* Moritani, A. 13017
Tachikawa, K., Nakagata, N. Road vehicle communications (RVC)/inter-vehicle communications (IVC) 26558
Tachikawa, K., Natsuume, M., Tomori, H., Kuroda, Y. High-field Nb_3Sn superconductors prepared through a new route 55101
Tachikawa, K. *see* Ishikawa, K. 48689
Tachikawa, K. *see* Sugimoto, M. 52854
Tachikawa, M., Evenson, K.M. Two-laser sequential pumping of far-infrared molecular laser 44347
Tachikawa, M. *see* Vasconcellos, E.C.C. 44346
Tachikawa, M. *see* Yamada, T. 44461
Tachikawa, S. *see* Asato, H. 35911
Tachikawa, S. *see* Hamamura, M. 26529
Tachikawa, S. *see* Morita, M. 22697
Tachikawa, S. *see* Niitsuma, T. 47519
Tachikawa, Y., Okamoto, K. Arrayed-waveguide grating lasers and their applications to tuning-free wavelength routing 6779
Tachiki, M. *see* Lo, N.R. 2875
Tachiki, M. *see* Yamamuro, K. 12573
Tachimori, M., Masui, S., Nakajima, T., Kawamura, K., Hamaguchi, I., Yano, T., Nagatake, Y. Quality innovation of SIMOX wafers by low-dose and high-temperature oxidation techniques 42293
Tachimori, M. *see* Kawamura, K. 22460
Tachiyuki, M. *see* Kushiya, K. 39116
Tacito, R., Steinbruchel, C. Fabrication of dual-damascene structures in low dielectric constant polymers for multilevel interconnects 42685
Tack-Don Han *see* Oh-Young Kwon 21157
Tacke, M., Kastner, J.F. Pulse modulation – a new analytical technique with diode lasers in the mid infrared 36964
Tacke, M. *see* Kastner, J.F. 18929
Tackeuchi, A. *see* Nishikawa, Y. 58395
Tackeuchi, A. *see* Yokoyama, N. 12905
Tada, A., Sekita, H., Ito, S. 1-pm spectrally narrowed compact ArF excimer laser for microlithography 23735
Tada, A. *see* Saito, T. 3677
Tada, A. *see* Yano, J. 54550
Tada, E. *see* Kato, T. 51866
Tada, G., Kitamura, A. High-voltage IC process technology 40877
Tada, G. *see* Shigeta, Y. 48782
Tada, H. *see* Shima, A. 44499
Tada, H. *see* Shima, A. 55635
Tada, K., Onoda, M., Zakhidov, A.A., Yoshino, K. Characteristics of poly(p-pyridyl vinylene)/poly(3-alkylthiophene) heterojunction photocell 55388
Tada, K. *see* Feng, H. 54213
Tada, K. *see* Isoshima, T. 24200
Tada, K. *see* Lindroth, A. 8856
Tada, K. *see* Lindroth, A. 8857
Tada, K. *see* Nakano, Y. 3843
Tada, K. *see* Onoda, M. 55390
Tada, K. *see* Sasa, S. 12487
Tada, K. *see* Shimogaki, Y. 54468
Tada, K. *see* Sudoh, T.K. 33509
Tada, K. *see* Sudoh, T.K. 55631
Tada, K. *see* Yi Luo 14134
Tada, N. *see* Ohmori, Y. 13861
Tada, N. *see* Ohmori, Y. 55442
Tada, S., Echigo, R., Yoshida, H. A new concept of porous thermoelectric module using a reciprocating flow for cooling/heating system 39239
Tada, T., Kanayama, T., Weibel, P., Carroll, S.J., Seeger, K., Palmer, R.E. Fabrication of 10-nm Si pillars with self-formed etching masks 42588
Tada, T. *see* Sakashita, N. 41142
Tada, Y., Okamoto, H., Kurita, A., Sekine, Y. Analytical methods for determining system configuration acceptable from both viewpoints of short circuit current and voltage stability 28787
Tada, Y. *see* Cao, X. 8754
Tada, Y. *see* Nakano, T. 12898
Tada, Y. *see* Wada, H. 60893
Tadakuma, S., Tanaka, I.S., Naitoh, H., Shimane, K. Improvement of robustness of vector-controlled induction motors using feedforward and feedback control 50997
Tadanaga, O. *see* Hashimoto, K. 54254
Tadano, H. *see* Hattori, Y. 12904
Tadaomi, S., Isao, S., Toshiro, K. Pedestrian underpass sound guide system 59827
Tadatomo, K. *see* Ohuchi, Y. 40366
Tadayoshi, T., Hiroo, I., Toshihiro, A. Operation results of IHI flue gas desulfurization system for unit no.1 (700 MW) of Reihoku Power Station of Kyushu Electric Power Co. Ltd 29100
Taddei, A., Emdin, M., Varanini, M., Nassi, G., Bertinelli, M., Carpeggiani, C., Picano, E., Marchesi, C. A new cardiovascular signal database for assessing methods for analysis of ischemic heart disease 49474
Taddei, A. *see* Jager, F. 49624
Taddiken, H. Thin-film bolometer for the 3.5 mm coaxial line 27489
Tadeo, F. *see* Represa, J. 33785
Tadeusiewicz, M. DC analysis of circuits with idealized diodes considering reverse bias breakdown phenomenon 40859
Tadeusiewicz, R. *see* Augustyniak, P. 37837
Tadic, M., Milanovic, V., Ikonic, Z. WBK approximation for continuum states with predefined asymptotics 2131
Tadjine, M. *see* Benchaib, A. 38746
Tadlock, J. *see* Miller, J.D. 14997
Tadmor, G. *see* Jacobson, C.A. 19106
Tadmor, G. *see* Stankovic, A.M. 29686
Tadokoro, N. *see* Takahashi, K. 17619
Tadokoro, S. *see* Teruya, M. 36890
Tadokoro, T., Kobayashi, F., Kishi, K., Nonaka, K., Amano, C., Itoh, Y., Mori, H., Kurokawa, T. Semi-insulating buried heterostructure side-injection light-controlled bistable laser diode 44574
Tadokoro, Y. *see* Aono, Y. 8162
Tadokoro, Y. *see* Choi, S.O. 27454
Tadokoro, Y. *see* Harada, K. 49408
Tadokoro, Y. *see* Kawahito, S. 7238
Tadokoro, Y. *see* Kawahito, S. 11617
Tadokoro, Y. *see* Kawahito, S. 17261
Tadokoro, Y. *see* Kawahito, S. 27524
Tadokoro, Y. *see* Kawahito, S. 35342
Tadokoro, Y. *see* Koga, S. 58714
Tadokoro, Y. *see* Okuda, T. 6088
Tadonccco, L. *see* Bolognesi, P. 60902
Tadros, N.N. Accurate AC measurement of the in-phase component of DC standard resistances 27832
Tadros, Y. *see* Salama, S. 51230
Tadsen, A. *see* Lou, K. 7818
Tadyszak, P. *see* Mateos, J. 2720
Tadzhiev, U.A. *see* Zakhidov, R.A. 50861
Tae Ahn Byung *see* Byung Tae Ahn
Tae Baek Jong *see* Jong Tae Baek
Tae Geun Kim, Sung-Min Hwang, Eun Kyu Kim, Suk-Ki Min, Jong-Il Jeon, Si-Jong Leem, Jichai Jeong, Jung-Ho Park Fabrication of V-grooved inner stripe GaAs-AlGaAs quantum-wire lasers 33531
Tae Ha Kwon *see* Sung Hyun Park 36773
Tae Han Kee *see* Kee Tae Han
Tae Hee Lee *see* Min Woo Park 51544
Tae Ho Kim, Jung Eun Song, Sang Uk Lee, Mi Young Kwak, Dong Hyuk Shin Plasma etching of 6H-SiC using a SF_6/O_2 gas mixture 22573
Tae Ho Yeom, Soo Hyung Lee, Yun Hi Lee, Myung Hwan Oh, Sung Ho Choh Mn^{2+} EPR characterization of thin film electroluminescent devices 23690
Tae Hong Lee, Sung Yong Hong, Choong Woong Lee Regularized iterative restoration of blurred image with relaxation parameter 15464
Tae Hoon Lim *see* In-Hwan Oh 51508
Tae Hoon Yoon *see* Man Tak Huh 15221
Tae Hoon Yoon *see* Tae Wan Choi 46177
Tae Il Kim *see* Jae-Young Leem 689
Tae Jin Hwang, Won-Taek Han Complex impedance analysis of the glass/solution interface in the glass electrode for pH measurement 7674
Tae Jin Yun *see* Woo Jung Son 27407
Tae Kim *see* Hill, D. 21975
Tae Kim *see* Hill, D. 42945
Tae Kim *see* Hin-Fai Chau 31500
Tae Kim Jin *see* Jin Tae Kim
Tae Kim Nam *see* Nam Tae Kim
Tae Kim Soon *see* Soon Tae Kim
Tae Kim Won *see* Won Tae Kim
Tae Kim Yong *see* Yong Tae Kim
Tae Kim Youn *see* Youn Tae Kim
Tae Kim Young *see* Young Tae Kim
Tae Kyung Chung, Suk Ki Kim, Song-Yop Hahn Optimal pole shape design for the reduction of cogging torque of brushless DC motor using evolution strategy 51042
Tae Lee Hee *see* Hee Tae Lee
Tae Lee Sang *see* Sang Tae Lee
Tae Lee Sun *see* Sun Tae Lee
Tae Man Han *see* Kun Suk Kim 57963
Tae Moon Roh, Youngseok Suh, Young Sik Kim, Wee Seng Park, Bumman Kim A highly accurate MESFET model to predict the nonlinear behavior of a linear power amplifier 13021
Tae Paek Jong *see* Jong Tae Paek
Tae Park Kyu *see* Kyu Tae Park
Tae Seo Jong *see* Jong Tae Seo
Tae Wan Choi, Jae Chang Kim Implementation of hierarchical spatial filters with orientation selectivity by using diffusion network 57168
Tae Wan Choi, Jae Chang Kim, Tae Hoon Yoon, Ki Gon Nam Moving target detection by using the hierarchical spatiotemporal filters with orientation selectivity 46177
Tae Won Hur, Jeong Woo Kim, Eung Sung Kim, Joong Han Choi, Keun Young Lee An image coding using overlapped wavelet transform with permutation scan 57055
Tae Won Kang *see* Byung Kwon Song 30776
Tae Won Kang *see* Myung Soo Han 30779
Tae Woong Kim *see* Kawamura, A. 39326
Tae Woong Kim *see* Kawamura, A. 51747
Tae Yim Yong *see* Yong Tae Yim
Tae Young Choi *see* Choi Tae Young
Tae Young Lee *see* Yong Surk Lee 31348
Tae Young Ma, Sang Hyun Kim, Hyun Yul Moon, Gi Cheol Park, Young Jin Kim, Ki Wan Kim Substrate temperature dependence of ZnO films prepared by ultrasonic spray pyrolysis 21322
Tae Young Nam *see* Young Jae Huh 43898
Tae-Earn Shim *see* Il-Kwon Kim 41170
Tae-Eun Kang *see* Hong-Kyoo Choi 60743
Tae-Eun Kim, Ryu, S.H., Choi, J.S. Determining shape and reflectance properties objects by using diffuse illumination 59059
Tae-Eun Kim *see* Seok-Hyun Ryu 56719
Tae-Geun Kim, Kyung-Hyun Park, Eun Kyu Kim, Suk-Ki Min, Jung-Ho Park A short-period GaAs-AlGaAs quantum-wire array laser with a sub-micrometer current blocking layer 23899
Tae-Geun Kim, Sung-Min Hwang, Eun-Kyu Kim, Suk-Ki Min, Jung-He Park, Jung-Ho Park Large-area GaAs/AlGaAs quantum wire array grown by metalorganic chemical vapor deposition on a GaAs substrate with submicron gratings 12422
Tae-Geun Kim *see* Myung-Sung Lee 58211
Tae-Gyoo Lee, Jin-Hwan Kim, Ho-Joon Park, Jae-Chul Oh, Uk-Youl Huh A speed control of motor systems with a feedforward neural network–its application to SR motor 51667
Tae-Gyoo Lee, Uk-Youl Huh Design and application of adaptive controller using observer type model 29253
Tae-Gyu Chang *see* Seok-Hwan Yoon 51760
Tae-Ho Kang *see* Kyoung-Ok Kim 57523
Tae-Ho Song *see* Chang-Eop Kwak 257
Tae-Hoon Kim *see* Joon-Seo Yim 41189
Tae-Hoon Kim *see* Joon-Seo Yim 41225
Tae-Hoon Lim *see* Hyung-Joon Choi 20010
Tae-Hoon Yoon *see* Ki Hyung Kang 58933
Tae-Hyeon Kim, Tai-Hoon Cho, Young-Shik Moon, Sung-Han Park An automated visual inspection of solder joints using 2D and 3D features 25468
Tae-Hyeon Kim, Tai-Hoon Cho, Young-Shik Moon, Sung-Han Park Automatic inspection of solder joints using layered illumination 58643
Tae-Hyeon Kim, Young-Shik Moon, Sung-Han Park An automated visual inspection of solder joints using 2D and 3D features 53776
Tae-Hyun Kim *see* Jang-Cheol Seo 60351
Tae-Hyun Yang, Su-Il Pyun A study of the hydrogen absorption reaction into α- and β-$LaNi_5H_x$ porous electrodes by using electrochemical impedance spectroscopy 29546
Tae-Il Kim *see* Moon-Deock Kim 24017
Tae-In Jeon, Grischkowsky, D. Nature of conduction in doped silicon 31798
Tae-Je Cho, Kyu-Jin Lee, Min-Ho Lee, Seung-Ho Ahn, Se-Yong Oh An improvement in reflow performance of plastic packages 216
Tae-Kyoung Chung *see* Dong-Joon Sim 50954
Tae-Kyun Kim *see* Kyoung-Ok Kim 57523
Tae-Kyung Chung *see* Jong-Sun Lee 19721
Tae-Kyung Chung *see* Myung-Jong Choi 29348
Tae-Kyung Kim *see* Chul Woo Lee 43910
Tae-Seok Lee *see* Kyung-Ku Choi 32112
Tae-Soo Park *see* Jin-Kyu Park 13104

Tae-Sung Jung, Young-Joon Choi, Kang-Deog Suh, Byung-Hoon Suh, Jin-Ki Kim, Young-Ho Lim, Yong-Nam Koh, Jong-Wook Park, Ki-Jong Lee, Jung-Hoon Park, Kee-Tae Park, Jhang-Rae Kim, Jeong-Hyong Yi, Hyung-Kyu Lim A 117-mm^2 3.3-V only 128-Mb multilevel NAND flash memory for mass storage applications 1329
Tae-Sung Jung *see* Jin-Ki Kim 1402
Tae-Sung Jung *see* Jin-Ki Kim 53294
Tae-Wan Kim, Ki-Young Lee, Dae-Hee Lee, Kang-Soo Kim Integrity of the reactor vessel support system for a postulated reactor vessel closure head drop event 50751
Tae-Whan Yoo, Jae-Ho Song, Moon-Soo Park 360° reflection-type analogue phase shifter implemented with a single 90° branch-line coupler 31478
Tae-Won Kang *see* Myung-Sook Ko 10366
Tae-Won Rhee *see* Tong-Ha Kim 7095
Tae-Won Rhee *see* Tong-Ha Kim 7096
Tae-Woo Lee *see* Jun-O Jeong 2587
Tae-Woong Yoo, Il-Seok Oh A method for real-time face region tracking based on color histogram 46020
Tae-Yong Choi, Won-Il Cho, Dong-Wook Kim A simple CMOS delay model for wide applications 53209
Tae-Yong Kim, Bong-Hwan Kim, Sung-Oan Kim, Heung-Moon Choi KLT-based adaptive vector quantization using PCNN 25331
Tae-Yong Kim, Deok-Ki Choi, Jongwon Kim, Chong-Nam Chu Indirect cutting force sensing and application to monitoring and control of machining processes 34847
Tae-Yong Kim, Heung-Moon Choi Karhunen-Loeve transform-classified vector quantization for efficient image coding 57170
Tae-Yong Kim *see* Bong-Hwan Kim 24679
Tae-Yoon Kim *see* Jong-Uk Bu 17255
Tae-Young Choi *see* Ho-Youl Jung 56726
Tae-Young Lee *see* Een-Kee Hong 47664
Taeck-Geun Kwon, Sukho Lee, Yanghee Choi Variable-bit-rate compressed video storage and placement scheme for arbitrary-speed retrievals 15676
Taegwon Jeong *see* Haeryong Lee 26183
Taegyu Lee, Hoon Chung Timing optimization algorithm for design of high performance VLSI systems 1314
Taehang Ahn *see* Hyeongtag Jeon 22600
Taehong Ahn, Jongan Park Approximation analysis of variance errors based on optimal realization of the 2-D SDDF 46192
Taehyoung Zyung, Sang-Don Jung Electroluminescent devices using a polymer of regulated conjugation length and a polymer blend 13856
Taehyoung Zyung *see* Sang-Don Jung 55465
Taeil Kim *see* Jooseok Song 26316
TaeIn Yun *see* DonHee Jung 21657
Taejeong Kim *see* Dong Sik Kim 35293
Taek Han In *see* In Taek Han
Taek Hyun Yun *see* Seung Hyeon Rhee 4948
Taek Jeoung Yong *see* Yong Taek Jeoung
Taek Kang Ung *see* Ung Taek Kang
Taek Kim Hyung *see* Hyung Taek Kim
Taek Kim Ji *see* Ji Taek Kim
Taek Kim Jung *see* Jung Taek Kim
Taek Lyul Song Observability of target tracking with bearings-only measurements 8682
Taek Seo Ho *see* Ho Taek Seo
Taek Yoon Ji *see* Ji Taek Yoon
Taek-Dong Lee *see* Gwan-Soo Park 43704
Taek-jin Choi *see* Dong-wan Tcha 36019
Taek-Kie Lee *see* Jae-Hun Jung 51219
Taek-Sang Hahn *see* Yun-Hi Lee 17710
Taekyolng Kwon *see* Jooseok Song 26316
Taekyong Nam *see* Cheong Youn 16365
Taekyoung Kwon *see* Myeongho Kang 16379
Taekyung Byun, Songchun Moon Nonblocking two-phase commit protocol to avoid unnecessary transaction abort for distributed systems 46728
Taekyung Lee *see* Lee Taekyung
Taenaka, R.K. *see* Dagarin, B.P. 18728
Taesam Kang, Byung Soo Kim, Jang Gyu Lee Spectral norm and trace bounds of algebraic matrix Riccati equations 10235
Taesik Ahn Activity based costing implemented in a Korean electronics firm: a case study 39671
Taev, L.S., Egorov, E.G. Commutational wear resistance of electrical equipment [switchgear contacts] 19885
Taeyeon Kim, Youngkyun Kim, Bongnam Noh A delegation approach on an application gateway for heterogeneous network managements 46910
Tafat, A. *see* Bourai, Y. 40799
Tafazolli, R. *see* Evans, B.G. 26367
Tafazolli, R. *see* He, X. 26559
Tafazolli, R. *see* Lee, J. 35996
Tafazolli, R. *see* Mertzanis, I. 47851
Tafazolli, R. *see* Sfikas, G. 26595
Tafelmeier, U. *see* Gauthier, C. 59190
Taferner, W.T. *see* Montandon, S. 42378
Tafertshofer, P., Ganz, A., Henftling, M. Reducing the complexity of path classification by reconvergence analysis 41081
Taff, L.G. Target localization from bearings-only observations 36267
Taffarello, L. *see* Cantatore, G. 27512
Taffone, A. *see* Marchesoni, M. 9579
Taffone, A. *see* Marchesoni, M. 29727
Taflove, A. *see* Joseph, R.M. 44694
Tafreshi, A.M., di Marzo, M. Reactor coolant pump startup under degraded conditions in a scaled OTSG lowered loop PWR 29007
Taft, G., Rundquist, A., Murnane, M.M., Christov, I.P., Kapteyn, H.C., DeLong, K.W., Fittinghoff, D.N., Krumbugel, M.A., Sweetser, J.N., Trebino, R. Measurement of 10-fs laser pulses 55588
Tafti, H.A., Sheeba, V.S., Kamath, K.K., Farokhrooz, F.N., Vaya, P.R. Simulation of gain-switched picosecond pulse generation from quantum well lasers 3836
Tafuri, M. *see* Branca, A. 5576
Tafuri, M. *see* Branca, A. 25312
Tag, M. Service Creation Engineering Environment–SCREEN 26325
Taga, F. Smart MUSIC algorithm for DOA estimation 34771
Taga, H., Imai, K., Takeda, N., Yamamoto, S., Akiba, S. 22×5 Gbit/s, 9500 km transmission experiments using densely-spaced WDM channels and 980 nm pumped EDFA 58299
Taga, H. *see* Edagawa, N. 26827
Taga, H. *see* Morita, I. 6733
Taga, S., Tanaka, H., Kokuburn, Y. Three-dimensional athermal waveguide at 1.3 μm wavelength for temperature independent lightwave devices 33080
Taga, T. *see* Ichitsubo, S. 47770
Taga, Y. *see* Fujikawa, H. 23115
Taga, Y. *see* Mori, T. 12524
Taga, Y. *see* Mori, T. 31811
Taga, Y. *see* Ohwaki, T. 40560
Taga, Y. *see* Tokito, S. 13862
Taga, Y. *see* Tokito, S. 44268
Taga, Y. *see* Tsuchiya, T. 21413
Tagaki, T. *see* Taniguchi, M. 14452
Tagami, M. *see* Ohmi, S. 32453
Tagantsev, A.K. *see* Kholkin, A.L. 54935
Tagare, H., McDermott, D. Model-based pose proposal for 2-D object recognition 25670
Tagare, H.D. Deformable 2-D template matching using orthogonal curves 28220
Tagare, H.D. *see* Robinson, G.P. 15425
Tagashira, H. *see* Miyashita, T. 54321
Tagashira, H. *see* Nakao, Y. 19820
Tagashira, H. *see* Nakao, Y. 23245
Tagashira, H. *see* Yamada, N. 54471
Tagashira, R. *see* Brito, P. 32632
Tagashira, S. *see* Ariki, Y. 14925
Tagawa, H. *see* Mizusaki, J. 19981
Tagawa, K. *see* Moshtev, R. 29535
Tagawa, N. *see* Sasakawa, T. 45253
Tagawa, N. *see* Takao, K. 20157
Tagawa, S. *see* Nagahara, S. 32313
Tagawa, S. *see* Okada, S. 37024
Tagaya, A., Teramoto, S., Nihei, E., Sasaki, K., Koike, Y. High-power and high-gain organic dye-doped polymer optical fiber amplifiers: novel techniques for preparation and spectral investigation 33392
Tagaya, H. *see* Kuwahara, T. 3335
Tageman, O., Gorelik, L.Y., Shekter, R.I., Jonson, M. Spatial structure in mode population induced by coherent pumping in a ballistic quantum channel 31939
Tager, A.S. Spin splitting in longitudinal carrier transport in quantum structures [electron waveguides] 54715
Tager, A.S. Unipolar semiconductor laser for the terahertz frequency range 55655
Tager, A.S. *see* Vashchenko, V.A. 54165
Tager, A.S. *see* Vashchenko, V.A. 54693
Tager, S. *see* Vashhenko, V.A. 13012
Taggart, D.P., Betts, S.E., Vigil, J.J. LANL's mobile nondestructive assay and examination systems for radioactive wastes 49359
Taggiasco, C., Meucci, R., Ciofini, M., Abraham, N.B. Polarization states and dynamics of the lowest order transverse modes in a Fabry-Perot CO_2 laser 13966
Taggiasco, C. *see* Mathis, C. 33593
Taghavi, R. Automatic, parallel and fault tolerant mesh generation from CAD 634
Taghezout, D., Lombard, P. Dynamical behaviour of a brushless DC motor. Direct finite element prediction and parameters determination 61130
Taghizadeh, M.R. *see* Baker, H.T. 33367
Taghizadeh, M.R. *see* Barrett, C.P. 13764
Taghizadeh, M.R. *see* Desmulliez, M.P.Y. 23609
Taghizadeh, M.R. *see* Plant, D.V. 55473
Tagiev, S.I. *see* Mustafaev, R.A. 59070
Tagirov, Sh.F. *see* Ovchinnikov, A.L. 17803
Taglauer, E., du Plessis, J., van Wyk, G.N. Surface segregation and preferential sputtering of binary alloys 40663
Tagle, P.U., Sharma, N.K. Performance of fault tolerant ATM switches 5730
Tagliaferri, A. *see* Henao, R. 59036
Tagliavini, C. *see* Giammanco, F. 55901
Tagliente, G. *see* Ajmone, M. 16109
Tagliente, G. *see* Colonna, N. 37521
Tago, A. *see* Yanagisawa, K. 54828
Tago, O. *see* Matsuura, T. 13222
Tago, O. *see* Matsuura, T. 13223
Tagore, S. *see* Badin, J.S. 60470
Taguchi, A. Nonlinear digital filters–median filters and weighted median filters 1595
Taguchi, A. A design method of fuzzy weighted median filters 56476
Taguchi, A., Meguro, M. Data-dependent weighted median filtering based on fuzzy rules 41337
Taguchi, A., Muneyasu, M., Hinamoto, T. Median and neural networks hybrid (MNNH) filters 15825
Taguchi, A. *see* Wada, Y. 60179
Taguchi, A. *see* Yamada, K. 46105
Taguchi, H. *see* Yoshizaki, S. 43315
Taguchi, J., Takane, A., Sano, K. An inclined slice profile method by using a simple pulse-height-modulated RF pulse for 3-dimensional MR angiography 7922
Taguchi, K., Ueno, H., Hiramatsu, T., Ikeda, M. Optical trapping of dielectric particle and biological cell using optical fibre 43935
Taguchi, K. *see* Kondo, H. 48260
Taguchi, K. *see* Takeuchi, T. 16728
Taguchi, K. *see* Takeuchi, T. 26911
Taguchi, K. *see* Tsuji, M. 54212
Taguchi, M., Kawata, K., Matsuura, T., Tsutsumi, K. Deformation control of metal/nitride microbridges 43360
Taguchi, M., Takahashi, K., Noda, O., Sasaki, H., Sakai, H., Yorita, A., Kimura, S., Fujita, K. Wireless private branch exchange for the US market 26565
Taguchi, M. *see* Gotoh, K. 1398
Taguchi, M. *see* Sumi, H. 40575
Taguchi, N. *see* Tsunekane, M. 14043
Taguchi, N. *see* Tsunekane, M. 14049
Taguchi, S. *see* Sasaki, S. 53900
Taguchi, T. *see* Iba, Y. 32308
Taguchi, T. *see* Nagahara, S. 32313
Taguchi, T. *see* Umeno, T. 39342
Taguchi, T. *see* Yamada, Y. 42129
Taguchi, T. *see* Yata, S. 11765
Taguwa, T., Urabe, K., Sekine, M., Yamada, Y., Kikkawa, T. Low contact resistance metallization for gigabit scale DRAM's using fully-dry cleaning by Ar/H_2 ECR plasma 41156
Taguwa, T. *see* Ohto, K. 42666
Tah-Hsiung Chu *see* Kun-Chou Lee 34377
Taha, M.H. *see* Green, T.C. 51140
Taha, M.H. *see* Green, T.C. 51356
Taha, T. *see* Wills, D.S. 3657
Tahani, H., Plummer, B., Hemamalini, N.S. A new data reduction algorithm for pattern classification 25219
Tahar, S. *see* Langevin, M. 5848
Tahara, H. *see* Yasui, T. 891
Tahara, I. *see* Itoh, N. 39945
Tahara, M. *see* Nishizuka, N. 31552
Taher Abuelma'atti, M. New current-mode notch and allpass filters with single current difference amplifier 41294
Taher Abuelma'atti, M., Haroon Khan, M. New minimum-component OTA-based sinusoidal oscillators 40948
Taher Abuelma'atti, M., Haroon Khan, M. New temperature-insensitive electronically-tunable grounded capacitor simulator 41295
Tahernezhadi, M., Yellapantula, R.V. A subband AEC coupled with engine noise cancellation 6373
Tahir, T.B. *see* Saqib, N. 38492
Taho, A. *see* Sakagami, T. 16352
Tahoces, P.G., Souto, M., Carrascal, F., Mendez, A.J., Lado, M.J., Correa, J.L., Vidal, J.J. A limited PACS dedicated to computer-aided diagnosis in chest and breast radiography 49448
Tahoces, P.G. *see* Carreira, J.M. 37712
Tahoces, P.G. *see* Lado, M.J. 59443
Tahoces, P.G. *see* Souto, M. 8023
Tahraoui, A. *see* Nouaoura, M. 10711
Tahui Wang, Tse-En Chang, Lu-Ping Chiang, Chimoon Huang, Guo, J.C. Mechanisms and characteristics of oxide charge detrapping in n-MOSFETs 2660
Tai, E. *see* Johnson, C.R., Jr. 6488
Tai, H. *see* Toriumi, R. 50214
Tai, K. *see* Cheng, P.-H. 23925
Tai, K.L. *see* Jenshan Lin 41717
Tai, S.-T. *see* Dai, C.-M. 2469
Tai, S.C., Lai, C.C., Lin, Y.C. Two fast nearest neighbor searching algorithms for image vector quantization 15813
Tai, W. *see* Ludman, J.E. 61086
Tai Cheng-Chi *see* Cheng-Chi Tai
Tai Gu *see* Gu Tai
Tai Gwo-Chung *see* Gwo-Chung Tai
Tai Heng-Ming *see* Heng-Ming Tai
Tai Li-Cheng *see* Li-Cheng Tai
Tai Sehn-Chaun *see* Sehn-Chaun Tai
Tai Shen-Chuan *see* Shen-Chuan Tai
Tai Yi Huang *see* Shan Zhu 15112
Tai Yu-Chong *see* Yu-Chong Tai
Tai Zhang Qin *see* Zhang Qin Tai
Tai Zhang Qing *see* Zhang Qing Tai
Tai-An Cheng *see* Chung-Woei Chao 35038
Tai-Ann Chen *see* Fitz, N.P. 6584
Tai-Bor Wu *see* Chang-Shun Chen 54728
Tai-Bor Wu *see* Hsin-Yi Lee 30928
Tai-Chin Lo, Miu-Ying Chan Optimization of a novel self-planarizing Au metallization process for practical VLSI applications 12813
Tai-Chin Lo, Miu-Ying Chan Selective electroplating between metal and semiconductor electrodes 12816
Tai-Chin Lo, Miu-Ying Chan Reaction mechanism of selective plating between TiW and Au: an innovative metallization scheme for high-speed electronics 22621

Tai-Chiu Hsung, Pak-Kong Lun, D., Wan-Chi Siu A deblocking technique for JPEG decoded image using wavelet transform modulus maxima representation 57295
Tai-Gen Lu *see* Lu Tai-Gen
Tai-Haur Kuo, Shuenn-Yuh Lee, Kuan-Dar Chen Offset current cancellation based on a multiple-path feedback compensation (MPFC) technique for switched-current circuits and systems 41363
Tai-Hoon Cho *see* Tae-Hyeon Kim 25468
Tai-Hoon Cho *see* Tae-Hyeon Kim 58643
Tai-Hsuan Ho *see* Hsin-Min Wang 34700
Tai-Hwa Liu *see* Tzong-Liang Lin 16632
Tai-Hwei Hwang, Hsiao-Chuan Wang Adaptation scheme for hidden Markov models in noisy speech recognition 34658
Tai-Ju Chen *see* Ching-Fa Yeh 42358
Tai-Ping Sun *see* Biing-Der Liu 48546
Tai-Ping Sun *see* Hong-Ming Hong 36703
Tai-Ping Sun *see* Ray-Ming Lin 27586
Tai-Ping Sun *see* Su, Y.K. 44239
Tai-Ping Sun *see* Wen-Yaw Chung 7363
Tai-Ping Sun *see* Yo-Sheng Lin 41446
Tai-Po Chu, Rappaport, S.R. Overlapping coverage with reuse partitioning in cellular communication systems 36002
Tai-Su Park, Yu Gyun Shin, Han Sin Lee, Moon Han Park, Sang Dong Kwon, Ho Kyu Kang, Young Bum Koh, Moon Yong Lee Correlation between gate oxide reliability and the profile of the trench top corner in Shallow Trench Isolation (STI) 42593
Tai-su Park *see* Han Sin Lee 2361
Tai-Wu Kao *see* Yum, P. 27062
Tai-Wu Kao *see* Zhi-Jian Fu 47070
Tai-Yong Lee *see* Su Yeon Na 52527
Tai-Yu Chou Applications of the Taguchi method for optimized package design 39804
Tai-Yuan Cheng, Kwang-Cheng Chen Single-dwell and multidwell PN code acquisition in multipath Rayleigh fading channels 16557
Tai-Yun Kim *see* Hyung-Woo Lee 57775
Tai-Yun Kim *see* Seh-Joon Dokko 57774
Tai-Yun Kim *see* Sung-Hyun Yun 56361
Taiahashi, K., Yamaillura, M., Kobayashi, S. A GA approach to solving reachability problems for Petri nets 10318
Taibi, A. *see* Bertolucci, E. 37628
Taibi, A. *see* Gambaccini, M. 18330
Taichin Lo *see* Lo Taichin
Taifan Quan *see* Quan Taifan
Taikamatsu, Y. *see* Yanagida, N. 21646
Taikang Ning, Ying-Shieh Kung, Fu-Shang Wei Detection of distributed gear faults with a new bispectral analysis 48934
Taike, A. *see* Momose, M. 12409
Tailan Chi, Liu, J., Hong Chen Optimal stopping rule for a project with uncertain completion time and partial salvageability 20805
Taillibert, P. *see* Loiez, E. 52936
Tailor, P. *see* Hill, E.W. 7243
Taima, T. *see* Miyamori, H. 26411
Tain-Shun Wu *see* Ming-Dou Ker 43283
Tain-Shun Wu *see* Ming-Dou Ker 43302
Tain-Syh Luor, Yuan-Yih Hsu Effect of nonutility generator siting on oscillatory stability of Taiwan power system 38308
Taina, J., Raatikainen, K. Experimental real-time object-oriented database architecture for intelligent networks 6287
Taira, H. *see* Sakamoto, S. 51524
Taira, K., Sekizawa, S., Gang Wu, Harada, H., Hase, Y. Propagation loss characteristics for microcellular mobile communications in microwave band 47771
Taira, K. *see* Kodama, M. 30548
Taira, K. *see* Kodama, M. 52546
Taira, K. *see* Nomoto, K. 42921
Taira, K. *see* Nomoto, K. 42934
Taira, K. *see* Sakuta, S. 27887
Taira, K. *see* Wu, G. 6470
Taira, T., Suzudo, T., Furuhata, M., Kobayashi, T. Single-mode, Q-switched and frequency-doubled Nd:YVO_4 miniature lasers 14061
Taira, T., Tulloch, W.M., Byer, R.L. Modeling of quasi-three-level lasers and operation of cw Yb:YAG lasers 55557
Taira, T. *see* Itoh, T. 55548
Taishan Xu *see* Xu Taishan
Tait, A. Estimation of snow water equivalent using passive microwave radiation data 18879
Tait, D. *see* Sjogren, L. 31515
Tait, G.B. *see* Jones, J.R. 53579
Tait, N. *see* Ghodsian, B. 13187
Tait, R. *see* Wada, T. 11993
Tait, R.N., Landsberger, L.M., Currie, J.F., McKinnon, G.H., Parameswaran, M., Robinson, A.M., Gale, D.J. A design and implementation methodology for micromachining 13188
Taiuti, M. *see* Rossi, P. 18092
Taiwei Lu, Mintzer, D., Kostrzewski, A., Lin, F. Compact holographic optical neural network system for real-time pattern recognition 46110
Taiyi Huang *see* Bin Ma 15034
Tajahuerce, E. *see* Lancis, J. 46180
Tajalli, H. *see* Kalafi, M. 3576
Tajan, V., Gonnard, P., Troccaz, M. Elaboration of PZT thick films by screen printing 10950
Tajbakhsh, S., Burge, R.E., Mojir-Shaybani, S., Kim, M.-J., Berenyi, H.M. Experimental and theoretical validation of a GTD based SAR simulator 48108
Tajbakhsh, S. *see* Kim, M.-J. 48058
Taji, S. *see* Hyodo, T. 12960
Tajima, D. *see* Ma, D.X. 54530
Tajima, F. *see* Ito, M. 50913
Tajima, F. *see* Kobayashi, T. 50996
Tajima, H., Matsumoto, Y., Umide, H. Speed sensorless vector control method for an industrial drive system 29671
Tajima, K., Kaga, A., Ichinokura, O. Performance analysis of the orthogonal-core type converters based on a circuit system combined with the reluctance network model of the orthogonal-core and the outer electric circuits 53014
Tajima, K., Kuwabara, N., Kobayashi, R., Tokuda, M. Evaluation of electric field sensor with very small element using Mach-Zehnder interferometer 17723
Tajima, K. *see* Kobayashi, R. 17722
Tajima, K. *see* Nakamura, S. 33627
Tajima, K. *see* Ohashi, M. 43940
Tajima, M. Metrics for syndrome decoding of convolutional codes 45593
Tajima, M. On the soft-decision metrics for SST Viterbi decoding of QLI codes 56350
Tajima, M., Ibuka, S., Aga, H., Abe, T. Characterization of bond and etch-back silicon-on-insulator wafers by photoluminescence under ultraviolet excitation 22464
Tajima, N., Chikawa, Y., Ohsono, M., Toyosawa, K. Ultra slim TCP with new TCP structure 52218
Tajima, N. *see* Isobe, Y. 17715
Tajima, N. *see* Miyaso, H. 16479
Tajima, N. *see* Ohsono, M. 190
Tajima, R. *see* Masu, K. 2435
Tajima, T., Asano, K., Furuya, T., Ishi, Y., Kijima, Y., Mitsunobu, S., Sennyu, K., Takahashi, T. Beam test of ferrite absorber in TRISTAN MR 17982
Tajima, T. *see* Kishimoto, Y. 17918
Tajima, T. *see* Koga, J.K. 17919
Tajima, T. *see* Rau, B. 55794
Tajima, Y. *see* Araki, T. 6800
Tajime, T. *see* Tamagawa, Y. 36654
Tajiri, H. *see* Ichimura, M. 44201
Tajiri, T. *see* Ichinose, S. 47355
Tajnai, J. *see* Grimm, T. 39699
Tajuddin, A.A. *see* Abdullah, M.Z. 59468
Tak, H.Y. *see* Schaefer, O. 33292
Tak, Y.-H., Vestweber, H., Bassler, H., Bleyer, A., Stockmann, R., Horhold, H.-H. Time-resolved electroluminescence from single and bilayer LEDs based upon substituted poly-arylenevinylenes 23699
Tak Chow Yuk *see* Yuk Tak Chow
Tak Huh Man *see* Man Tak Huh
Tak Lim Chae *see* Chae Tak Lim
Tak Nam-Il *see* Nam-Il Tak
Tak Wong *see* Sam-Yong Bahng 56806
Tak-Mo Koo *see* Chang-Joon Park 25351
Tak-Wai Shen, Lun, D.P.K., Siu, W.C. Fast algorithm for 2-D image moments via the Radon transform 15905
Taka, M. R&D strategy for technologies for an integrated ultra-high speed network and computer system 47117
Taka, M. *see* Altintas, O. 16104
Takaaki, F. *see* Okabe, S. 13311
Takaba, K., Toki, M., Katayama, T. (J, J')-lossless factorization for descriptor systems 39971
Takabara, A. *see* Hayashi, T. 47234
Takabatake, K., Inoue, M., Masuzwa, T., Fujiwara, H. Non-scan design for testable datapaths using thru operation 11409
Takabatake, K., Masuzawa, T., Inoue, M., Fujiwara, H. Non-scan design for testable data paths using thru operation 41076
Takabatake, Y., Hashimoto, M., Tsujita, T., Takeda, J., Shobatake, Y. A software-based ATM interface card and its evaluation 35871
Takabayashi, M., Deguchi, H., Makino, S., Katagi, T. A design method of double bands dual mode conical horn antenna by using generalized transmission equation 34278
Takabe, M. *see* Aoki, T. 49976
Takachio, N. *see* Aisawa, S. 47897
Takachio, N. *see* Fukui, M. 58294
Takachio, N. *see* Yonenaga, K. 6748
Takacs, B. *see* Gutta, S. 57378
Takacs, P.Z., Bresloff, C.J. Significant improvements in long trace profiler measurement performance 36889
Takacs, P.Z. *see* Shinan Qian 27907
Takacs, S., Yamamoto, J. Time constants of flat superconducting cables 43774
Takada, A. *see* Imajuku, W. 23826
Takada, A. *see* Katagiri, Y. 14122
Takada, E. *see* Araki, N. 28410
Takada, E. *see* Kurashashi, T. 59338
Takada, E. *see* Murakami, T. 49064
Takada, H., Hirata, Y., Okuyama, H., Numazawa, T. Development of the LIGA process using a superconducting compact synchrotron light source 43368
Takada, H., Kakehata, M., Miyazaki, K., Torizuka, K. Development of a multi-terawatt Ti:sapphire laser chirped-pulse amplification system 23858
Takada, H., Miyazaki, K., Torizuka, K. Cr:LiSAF laser amplifier for a terawatt laser system 23857
Takada, H. *see* Kanie, T. 59357
Takada, H. *see* Katayama, M. 59356
Takada, H. *see* Numazawa, T. 54533
Takada, H. *see* Ohnakado, T. 41159
Takada, H. *see* Sakamoto, O. 1361
Takada, H. *see* Torizuka, K. 23856
Takada, H. *see* Torizuka, K. 44418
Takada, J., Hoshi, M., Yamamoto, T., Watanabe, M., Takagi, T. Optoelectronic functions in organic-inorganic hetero nanosystems 22380
Takada, J.-I. *see* Iyama, T. 56087
Takada, J.-I. *see* Tsuchihashi, R. 14726
Takada, K., Actani, N., Iwamoto, K., Kondo, S. Solid state lithium battery with oxysulfide glass 29584
Takada, K., Yamada, H., Mitachi, S. Tunable narrow-band light source using two optical circulators 24309
Takada, K. *see* Aketagawa, M. 56902
Takada, K. *see* Ishikawa, K. 2948
Takada, K. *see* Miyoshino, F. 11774
Takada, K. *see* Mizuno, H. 43912
Takada, K. *see* Noda, Y. 60960
Takada, M., Shibata, T., Uwamino, Y., Nakamura, T. A performance study on a phoswich detector consisting of an inner NE213 scintillator and an outer CaF_2(Eu) crystal wall 7801
Takada, M. *see* Koike, H. 2999
Takada, M. *see* Kurosawa, T. 59851
Takada, M. *see* Murotani, T. 53295
Takada, M. *see* Toyoshima, H. 1333
Takada, N., Ando, K., Motojima, K., Ito, T., Kozaki, S. New distributed implementation of the FDTD method 30684
Takada, S., Yasuda, T., Sasaki, T. Magnetizing properties of an oriented Si-Fe sheet core in biased magnetizing states at power frequencies 3090
Takada, S. *see* Karpov, A. 17010
Takada, S. *see* Plathner, B. 21903
Takada, T., Murata, K., Tanaka, Y. Dynamic observation of space charge formation in XLPE using pulsed electro-acoustic method 32719
Takada, T., Satoh, Y., Tanaka, Y. Comparison between PWP method using piezo-electric transducer and PEA method 60126
Takada, T. *see* Itoh, K. 59055
Takada, T. *see* Kitajima, H. 48827
Takada, T. *see* Li, Y. 54904
Takada, T. *see* Loh, T.H. 41938
Takada, T. *see* Murata, K. 32698
Takada, T. *see* Muronaka, T. 32728
Takada, T. *see* Okamoto, Y. 32160
Takada, T. *see* Satoh, Y. 44198
Takada, T. *see* Yamagishi, S. 30986
Takada, T. *see* Yamagishi, S. 59029
Takada, T. *see* Ying Li 54960
Takada, Y. *see* Ohtsuka, T. 52024
Takada, Y. *see* Suga, N. 38475
Takada Tatsuo *see* Tatsuo Takada
Takadoi, H. *see* Fujiwara, Y. 36067
Takae, A. *see* Takai, S. 46528
Takae, O. *see* Kuno, Y. 25470
Takaesu, F., Sakamoto, M. Strategies of subscriber line interconnection: towards the activation of competition by the removal of bottlenecks 35837
Takafumi Yao *see* Fang Lu 41908
Takagaki, Y. *see* Herfort, J. 12471
Takagaki, Y. *see* Herfort, J. 32036
Takagi, A. *see* Sato, H. 59166
Takagi, A. *see* Ueno, A. 37029
Takagi, E. *see* Ono, N. 16606
Takagi, H. A note on the response time in M/G/1 queues with service in random order and Bernoulli feedback 35461
Takagi, H., Kikuchi, K., Maeda, R., Chung, T.R., Suga, T. Silicon wafer direct bonding at room temperature in a vacuum 32108
Takagi, H. *see* Kawasaki, N. 30433
Takagi, H. *see* Nakayama, A. 11746
Takagi, H. *see* Qing Mao 39374
Takagi, H. *see* Sakamaki, K.-I. 58141
Takagi, H. *see* Sakamoto, S. 51524
Takagi, K. Excess current noise in granular resistors 11747
Takagi, K. Phase and amplitude noise measurements and its application 17760
Takagi, K. A study on noise in electric contacts 22001
Takagi, K., Misu, T., Matsuura, Y., Yamaguchi, K. Service creation and test environment for intelligent network 47265
Takagi, K., Mizunami, T., Kurita, T., Doi, T. Low frequency noise in collector current 12894
Takagi, K., Nitta, K., Bouno, H., Takenaga, Y., Yajima, S. Computational power of nondeterministic ordered binary decision diagrams and their subclasses 53261
Takagi, K. *see* Hiratani, M. 21351
Takagi, K. *see* Kabasawa, U. 43783
Takagi, K. *see* Nitta, T. 60308
Takagi, K. *see* Odashima, H. 33702
Takagi, K. *see* Shimizu, T. 36806
Takagi, K. *see* Wakita, N. 24787
Takagi, M., Momosaki, E., Yamakita, M., Oura, N. K-cut SAW resonator with both static and dynamic zero temperature coefficients 13393
Takagi, M. *see* Harihara, S. 27182
Takagi, M. *see* Hatano, H. 16642

Takagi, M. *see* Kitamoto, A. 5562
Takagi, M.T., Miyashita, K., Koyama, H., Nakajima, K., Miyano, K., Akasaka, Y., Hiura, Y., Inaba, S., Azuma, A., Koike, H., Yoshimura, H., Suguro, K., Ishiuchi, H. A novel 0.15 μm CMOS technology using W/WNx/polysilicon gate electrode and Ti silicided source/drain diffusions 43276
Takagi, M.T. *see* Akasaka, Y. 2429
Takagi, M.T. *see* Inaba, S. 2653
Takagi, M.T. *see* Mitani, Y. 2318
Takagi, R., Hamada, N. Detection method of slip position of texture using phase characteristics 46108
Takagi, S., Hoyt, J.L., Welser, J.J., Gibbons, J.F. Importance of inter-valley phonon scattering on mobility enhancement in strained Si MOSFETs 12954
Takagi, S., Kojima, J., Asakawa, K. Development of "CABLE FINDER" system for cable localization 6430
Takagi, S., Kojima, J., Asakawa, K. DC cable sensors for locating underwater telecommunication cables 47511
Takagi, S., Wada, K., Fujii, N., Ismail, M., Dong Yong Kim A novel area-efficient MOSFET-C filter design methodology 53418
Takagi, S., Yamato, H., Ishii, H., Fujii, N. Switched-current circuit using voltage controlled current source and reduction in its clock feedthrough 11163
Takagi, S., Yamato, H., Ishii, H., Fujii, N. Switched-current circuit using voltage controlled current source and reduction in its clock feedthrough 21474
Takagi, S., Yasuda, N., Toriumi, A. Experimental evidence of inelastic tunneling and new I-V model for stress-induced leakage current 43334
Takagi, S. *see* Endo, A. 44607
Takagi, S. *see* Endo, F. 13949
Takagi, S. *see* MoonJae Jeong 53049
Takagi, S. *see* Takai, N. 31369
Takagi, S. *see* Takakubo, K. 54813
Takagi, S. *see* Wada, K. 11565
Takagi, S. *see* Wada, K. 53409
Takagi, T. The concept and the recent research on intelligent materials 10968
Takagi, T. Research and development on EMC/EMI measurements and technologies in Japan 14639
Takagi, T., Naito, S. The multi-variable modular polynomial and its applications to cryptography 56305
Takagi, T., Naito, S. Extension of Rabin cryptosystem to Eisenstein and Gauss fields 56356
Takagi, T. *see* Fukutomi, H. 40709
Takagi, T. *see* Takada, J. 22380
Takagi, T. *see* Yamamota, K. 16628
Takagi, T. *see* Yamamoto, K. 21944
Takagi, Y., Yonezu, H., Uesugi, S., Ohshima, N. Reduction of threading dislocation density and suppression of crack formation in $In_xGa_{1-x}P(x\sim0.5)$ grown on Si(100) using strained short-period superlattices 54062
Takagi, Y. *see* Takeyama, S. 21239
Takagi, Y. *see* Takeyama, S. 22370
Takahagi, T. *see* Miyamoto, M. 9305
Takahagi, T. *see* Shingubara, S. 42670
Takahara, J., Yamagishi, S., Taki, H., Morimoto, A., Kobayashi, T. Guiding of a one-dimensional optical beam with nanometer diameter 55276
Takahara, J. *see* Herfort, J. 12471
Takahara, M. *see* Ishida, Y. 47022
Takahara, Y., Saito, A., Oka, H. Metal ion adsorption mechanism on Si wafer 42559
Takahashi, A., Itabashi, T., Watanabe, R., Miwa, T., Akahoshi, H. Thin film laminated multilayer wiring substrate 12047
Takahashi, A., Kajitani, Y. Performance and reliability driven clock scheduling of sequential logic circuits 41071
Takahashi, A., Murakami, Y., Hirokane, J., Nakayama, J., Kurata, Y., Yamaoka, H. Future perspective magnetic superresolution 44115
Takahashi, A., Ninomiya, Y. Model-based lane recognition 25770
Takahashi, A., Tani, T., Nakamura, A., Nakae, N., Miura, H., Oota, Y. Liquid crystal projector for presentation: ViewLight V600/S800 58904
Takahashi, A. *see* Hirokane, J. 13741
Takahashi, A. *see* Itabashi, T. 12034
Takahashi, A. *see* Mitsubayashi, H. 52929
Takahashi, A. *see* Mitsubayashi, H. 54750
Takahashi, A. *see* Miyamaru, H. 7786
Takahashi, A. *see* Sato, S. 28083
Takahashi, A. *see* Shimizu, S. 28082
Takahashi, A. *see* Shioda, S. 35645
Takahashi, A. *see* Shirai, T. 10039
Takahashi, A. *see* Torazawa, K. 44121
Takahashi, C. *see* Shizuki, Y. 16564
Takahashi, C. *see* Suzuki, M. 55089
Takahashi, C. *see* Tanaka, M. 11850
Takahashi, C. *see* Yasuda, A. 31135
Takahashi, D. *see* Amagi, S. 40518
Takahashi, E., Ebe, A., Ogata, K., Hayashi, Y., Sone, M., Mitsui, H., Shigeta, T., Makabe, D. Influence of the repeating times of applying voltage on the field emission 41750
Takahashi, E., Matsumoto, Y., Kuwahara, K., Matsushima, I., Okuda, I., Owadano, Y. Short Stokes pulse generation by mixed Raman gas 44704
Takahashi, E. *see* Okuda, I. 33366
Takahashi, E.K. *see* Lino, A.T. 32004
Takahashi, G. *see* Tanaka, H. 20886
Takahashi, H., Baba, Y., Ezaki, K., Ito, A. High dielectric microwave materials and its application 32594
Takahashi, H., Fukuda, D., Kurahashi, T., Iguchi, T., Nakazawa, M. Signal processing for CdTe detectors using a fast signal digitizing technique 37560
Takahashi, H., Higashimori, Y., Arakaki, H. Simulation analysis of lightning surge on communication tower 38414
Takahashi, H., Kodama, M. Mathematical induction of electric field due to gauge embedded potential 38394
Takahashi, H., Yanagida, N., Takamatsu, Y. A method for diagnosing multiple stuck-at faults in combinational circuits by using signal propagation time 11414
Takahashi, H. *see* Aketagawa, M. 56902
Takahashi, H. *see* Hamada, Y. 3638
Takahashi, H. *see* Hayama, N. 58143
Takahashi, H. *see* Hayashi, T. 2914
Takahashi, H. *see* Ishibashi, R. 7082
Takahashi, H. *see* Ishibashi, R. 7082
Takahashi, H. *see* Ishida, O. 36103
Takahashi, H. *see* Katsumata, H. 31930
Takahashi, H. *see* Kaya, K. 32683
Takahashi, H. *see* Kodama, M. 30548
Takahashi, H. *see* Kong, W.M. 35249
Takahashi, H. *see* Kurashashi, T. 59338
Takahashi, H. *see* Mason, S. 53604
Takahashi, H. *see* Nakajima, M. 56675
Takahashi, H. *see* Oka, K. 10601
Takahashi, H. *see* Palmer, R.B. 17966
Takahashi, H. *see* Sakamoto, K. 17612
Takahashi, H. *see* Shiozawa, T. 14200
Takahashi, H. *see* Tateno, Y. 1709
Takahashi, H. *see* Toyama, S. 49090
Takahashi, H. *see* Ueshima, M. 1360
Takahashi, H. *see* Watanabe, K. 29477
Takahashi, H. *see* Watarai, H. 17396
Takahashi, H. *see* Yamada, K. 15459
Takahashi, H. *see* Yanagida, N. 21646
Takahashi, H. *see* Yokoyama, M. 45874
Takahashi, I., Hori, K. Improvement of input current waveforms of a single phase diode rectifier by passive devices 38870
Takahashi, I., Ito, Y., Harada, J. Structure of CaF_2/Si (111) interface 42331
Takahashi, I., Itoh, J. Development of a high efficiency inverter without audible noise 29407
Takahashi, I., Ujihara, K. Quantum mechanical description of spontaneous emission in a microcavity in terms of admittance 14221
Takahashi, I. *see* Andoh, I. 29384
Takahashi, I. *see* Itoh, Y. 12561
Takahashi, I. *see* Kokubun, T. 6351
Takahashi, I. *see* Noguchi, T. 29451
Takahashi, I. *see* Noguchi, T. 50932
Takahashi, I. *see* Noguchi, T. 60744
Takahashi, I. *see* Shimura, T. 12770
Takahashi, I. *see* Sokolov, N.S. 12571
Takahashi, I. *see* Sugimoto, S. 60848
Takahashi, J., Hatashita, H., Nagashima, T., Abe, K., Horii, S. A radio beacon receiver for vehicle information and communication system 58551
Takahashi, J., Kageyama, K., Fujii, T., Yamada, T., Kodaira, K. Formation and microwave dielectric properties of $Sr(Ga_{0.5}Ta_{0.5})O_3$-based complex perovskites 54919
Takahashi, J., Ohtani, N., Kanaya, M. Structural defects in α-SiC single crystals grown by the modified-Lely method 2096
Takahashi, J., Sagayama, S. Minimum classification error training for a small amount of data enhanced by vector-field-smoothed Bayesian learning 15065
Takahashi, J., Sagayama, S. Discriminative training based on minimum classification error for a small amount of data enhanced by vector-field-smoothed Bayesian learning 24816
Takahashi, J. *see* Bellwied, R. 59284
Takahashi, J. *see* Kitai, M. 46964
Takahashi, J. *see* Nishiwaki, S. 2938
Takahashi, J. *see* Pandey, S.U. 37293
Takahashi, K. Evaluation of a resin-bonded graphite auxiliary electrode for sealed lead/acid batteries 29536
Takahashi, K., Hosaka, H. Neural-network-based controller used for directional control of tunneling machine 35891
Takahashi, K., Nakajima, S., Takeuchi, S. Applications of a high density LED array unit fabricated on a silicon microreflector 44276
Takahashi, K., Nakatani, S., Yamaguchi, T., Teruhisa, K., Ito, S., Murata, K. Enhanced quantum yield in porphyrin/electron-donor double-layer solar cells 51576
Takahashi, K., Tadokoro, N., Takeuchi, S. High density LED display panel on silicon microreflector and integrated circuit 17619
Takahashi, K. *see* Cho, T. 37568
Takahashi, K. *see* Doke, T. 28019
Takahashi, K. *see* Emi, K. 7794
Takahashi, K. *see* Hosaka, H. 17771
Takahashi, K. *see* Hoshimiya, N. 59810
Takahashi, K. *see* Kaminaga, K. 38373
Takahashi, K. *see* Kaminaga, K. 43557
Takahashi, K. *see* Kanai, Y. 22653
Takahashi, K. *see* Kermanshahi, B. 8875
Takahashi, K. *see* Kimura, R. 14110
Takahashi, K. *see* Klonz, M. 27313
Takahashi, K. *see* Kunugi, T. 10697
Takahashi, K. *see* Noda, A. 26736
Takahashi, K. *see* Nozaki, S. 10972
Takahashi, K. *see* Oda, M. 1010
Takahashi, K. *see* Ohmatsu, K. 23423
Takahashi, K. *see* Sakamoto, T. 12124
Takahashi, K. *see* Sasaki, H. 27357
Takahashi, K. *see* Sato, S. 30189
Takahashi, K. *see* Sudou, S. 37282
Takahashi, K. *see* Taguchi, M. 26565
Takahashi, K. *see* Tomita, H. 13485
Takahashi, K. *see* Tsukahara, M. 51620
Takahashi, K. *see* Yamamoto, T. 55123
Takahashi, K. *see* Yoshida, T. 11719
Takahashi, K.-I. *see* Kamada, M. 45875
Takahashi, K.M., Daugherty, J.E. Current capabilities and limitations of in situ particle monitors in silicon processing equipment 12610
Takahashi, M. Score sequence problems of r-tournaments 39997
Takahashi, M., Aoki, M., Sato, H., Ohtoshi, T., Tsuji, S. Laser diode integrated with a low radiation loss thickness-tapered beam expander for highly efficient fiber coupling 33107
Takahashi, M., Hotta, Y. Molded instrument transformer 38781
Takahashi, M., Kubo, O., Yasuta, A., Yoshikawa, H., Sasaki, K., Itoh, T., Matsumiya, M., Sakaue, T., Kiyokawa, K., Hasegawa, A. Experimental study on the operators' cognitive behavior analysis for the plant anomaly diagnosis 19511
Takahashi, M., Kuriyama, T., Nakagome, H., Yamamoto, K., Yamada, Y., Nakade, M., Okuma, T., Hara, T. Development of a 1 kA class alternating current lead system for a fault current limiter 38434
Takahashi, M., Murakawa, K., Ohashi, H., Tokuda, M. Extrapolation of radiated emissions from telecommunication equipment 4292
Takahashi, M., Ohashi, H., Murakawa, K., Tokuda, M. Experimental and theoretical study on superposition characteristics of radiated emissions from telecommunication equipment 4288
Takahashi, M., Sakakibara, Y., Nakata, J. Source/drain ion implantation into ultra-thin-single-crystalline-silicon-layer of Separation by IMplanted OXygen (SIMOX) wafers 2313
Takahashi, M., Sakurai, R., Noda, H., Kambe, T. A testability analysis method for register-transfer level descriptions 41075
Takahashi, M., Shikazono, M. Quick seam finding sensor for arc welding robots 58838
Takahashi, M., Terauchi, T., Nakatsugawa, N., Mizushima, H., Morikawa, A. Water treatment and sterilization technologies for a 24-hour bath system 20282
Takahashi, M. *see* Arai, S. 31716
Takahashi, M. *see* Fujimoto, M. 29575
Takahashi, M. *see* Itoh, K. 14646
Takahashi, M. *see* Korogi, Y. 59489
Takahashi, M. *see* Kuriyama, T. 51873
Takahashi, M. *see* Mitsuhashi, T. 38899
Takahashi, M. *see* Miyake, M. 54271
Takahashi, M. *see* Morita, T. 11794
Takahashi, M. *see* Nishigohri, M. 43077
Takahashi, M. *see* Sato, H. 59166
Takahashi, M. *see* Shimizu, T. 38777
Takahashi, M. *see* Tsukagoshi, T. 51874
Takahashi, M. *see* Wakui, S. 60641
Takahashi, M. *see* Yamamoto, T. 34223
Takahashi, M. *see* Yamazaki, J. 59460
Takahashi, N., Ogasawara, J., Koukitu, A. Vapor phase epitaxy of InN using InCl and $InCl_3$ sources 41939
Takahashi, N., Sato, H., Osawa, H., Nagai, K., Isobe, H., Kasuga, I. Digital video disk/compact disk (DVD/CD)-compatible pickup head with dual lens rotating actuator 48245
Takahashi, N., Suga, Y., Kobayashi, H. Recent developments in grain-oriented silicon-steel 23321
Takahashi, N., Vaccaro, P.O., Watanabe, T., Mukarwara, T., Koyama, F., Iga, K. Growth and characterization of vertical-cavity surface-emitting lasers grown on (311)A-oriented GaAs substrates by molecular beam epitaxy 30742
Takahashi, N. *see* Basak, K. 51049
Takahashi, N. *see* Inoue, H. 41552
Takahashi, N. *see* Janicke, L. 43612
Takahashi, N. *see* Koukitu, A. 40362
Takahashi, N. *see* Matsubara, K. 27849
Takahashi, N. *see* Matsubara, T. 51019
Takahashi, N. *see* Muramatsu, K. 44882
Takahashi, N. *see* Sekiguchi, S. 53422
Takahashi, N. *see* Senba, N. 59876
Takahashi, N. *see* Shang Li 56552
Takahashi, N. *see* Shirazee, N.A. 44986
Takahashi, N. *see* Teshirogi, T. 56201
Takahashi, N. *see* Wada, S. 34904
Takahashi, N. *see* Xiaohua Wu 41341
Takahashi, N. *see* Yoshitomi, Y. 23325
Takahashi, O. *see* Shiroshita, T. 5861
Takahashi, R. *see* Choi, W.-Y. 26822
Takahashi, R. *see* Tsuda, H. 23620
Takahashi, R.H.C., Peres, P.L.D., Barbosa, L.L.S. A sliding mode controlled sinusoidal voltage source with ellipsoidal switching surface 31120
Takahashi, R.H.C. *see* Caminhas, W.M. 9220

Takahashi, S., Nishie, M., Sanada, S., Yokouchi, J., Imamura, K. Compact plastic-molded fiber-optic module 58306
Takahashi, S., Sagayama, S. Tied-structure HMM based on parameter correlation for efficient model training 15037
Takahashi, S. *see* Hayashi, Y. 2443
Takahashi, S. *see* Imata, S. 25292
Takahashi, S. *see* Inohara, T. 21038
Takahashi, S. *see* Inohara, T. 52434
Takahashi, S. *see* Jiehui Zheng 23262
Takahashi, S. *see* Kawai, H. 2986
Takahashi, S. *see* Kawai, H. 32663
Takahashi, S. *see* Kitai, M. 46964
Takahashi, S. *see* Menlove, H.O. 7179
Takahashi, S. *see* Morishita, H. 34336
Takahashi, S. *see* Murata, S. 48249
Takahashi, S. *see* Okuda, M. 11596
Takahashi, S. *see* Okuda, M. 41335
Takahashi, S. *see* Okuda, M. 41336
Takahashi, S. *see* Okuda, M. 53449
Takahashi, S. *see* Senna, M. 55419
Takahashi, S. *see* Tanaka, K. 18341
Takahashi, S. *see* Uchino, K. 13317
Takahashi, S. *see* Yamanouchi, K. 13394
Takahashi, S.-I. *see* Ueda, K. 4632
Takahashi, T. Coherent diffraction radiation in the millimeter and submillimeter wave region 18019
Takahashi, T., Ishii, Y. Object-binarized phase-only matched filtering with dual liquid-crystal spatial light modulators 44163
Takahashi, T., Yonezawa, R., Chiba, I., Matsunaga, M., Urasaki, S. Gain improvement of a multi-channel array antenna 56202
Takahashi, T., Yoshita, M. Scanning tunneling spectroscopy of n-type GaAs under laser irradiation 54087
Takahashi, T. *see* Araki, K. 6783
Takahashi, T. *see* Chon, Y.K. 9307
Takahashi, T. *see* Hayashi, F. 41163
Takahashi, T. *see* Horiba, S. 1359
Takahashi, T. *see* Hosoyama, K. 49159
Takahashi, T. *see* Hosoyama, K. 49160
Takahashi, T. *see* Inoue, Y. 49326
Takahashi, T. *see* Ishii, Y. 3560
Takahashi, T. *see* Itoh, K. 14646
Takahashi, T. *see* Kato, R. 18014
Takahashi, T. *see* Kimura, S. 56181
Takahashi, T. *see* Kuno, Y. 25470
Takahashi, T. *see* Matsumoto, Y. 26660
Takahashi, T. *see* Matsumoto, Y. 45442
Takahashi, T. *see* Miyata, H. 19352
Takahashi, T. *see* Morita, Y. 43846
Takahashi, T. *see* Murakami, M. 16782
Takahashi, T. *see* Murakami, M. 26794
Takahashi, T. *see* Nagashima, Y. 49349
Takahashi, T. *see* Nakamura, T. 58221
Takahashi, T. *see* Nakayama, M. 23746
Takahashi, T. *see* Oda, T. 38106
Takahashi, T. *see* Shibata, Y. 20221
Takahashi, T. *see* Shibata, Y. 44325
Takahashi, T. *see* Suehiro, J. 23141
Takahashi, T. *see* Suginuma, Y. 53889
Takahashi, T. *see* Tajima, T. 17982
Takahashi, T. *see* Tanaka, T. 58525
Takahashi, T. *see* Tarui, Y. 31590
Takahashi, T. *see* Tarui, Y. 41600
Takahashi, T. *see* Toyoda, M. 6785
Takahashi, T. *see* Toyoshima, M. 8498
Takahashi, T. *see* Yamada, Y. 54679
Takahashi, T. *see* Yamashita, R. 39481
Takahashi, T. *see* Yonezawa, R. 56200
Takahashi, Y., Fujiwara, A., Nagase, M., Namatsu, H., Kurihara, K., Iwadate, K., Murase, K. Si single-electron transistors on SIMOX substrates 22890
Takahashi, Y., Horiguchi, S., Fujiwara, A., Murase, K. Co-tunneling current in very small Si single-electron transistors 13043
Takahashi, Y., Koga, T., Kirihata, H., Seki, Y. 2.5 kV-100 A flat-packaged IGBT (micro-stack IGBT) 12921
Takahashi, Y., Nagase, M., Fujiwara, A., Namatsu, H., Kurihara, K., Iwadate, K., Murase, K., Takahashi, Y. Silicon single-electron transistors operating at very high temperatures 54722
Takahashi, Y. *see* Francis, P. 13030
Takahashi, Y. *see* Frey, A. 21034
Takahashi, Y. *see* Fujimoto, K. 30434
Takahashi, Y. *see* Fujiwara, A. 43157
Takahashi, Y. *see* Kawasaki, N. 30433
Takahashi, Y. *see* Kobayashi, K. 57609
Takahashi, Y. *see* Kuramasu, K. 1738
Takahashi, Y. *see* Neogi, A. 55843
Takahashi, Y. *see* Omura, Y. 54645
Takahashi, Y. *see* Ono, M. 28549
Takahashi, Y. *see* Peters, M. 1740
Takahashi, Y. *see* Peters, N. 53847
Takahashi, Y. *see* Takahashi, Y. 54722
Takahashi, Y. *see* Takeda, M. 35235
Takahashi, Y. *see* Wakayama, Y. 32048
Takahashi, Y. *see* Yopshino, T. 58706
Takahashi Isao *see* Isao Takahashi
Takahashii, H., Baba, Y., Ezaki, K., Shibata, K. Microwave dielectric properties and crystal structure of CaO-Li_2O-$(1-x)Sm_2O_3$-xLn_2O_3-TiO_2 (Ln: lanthanide) ceramics system 2878
Takahasi, S. *see* Matsumoto, H. 38627
Takahasi, Y. *see* Ishii, H. 30913
Takahata, F. Key aspects and technologies of satellite communications toward multimedia era 35817
Takahata, F. *see* Hatsuda, T. 34089
Takahata, H. *see* Kamio, H. 7217
Takahata, K., Aoki, S., Sato, T. Fine surface finishing method for 3-dimensional micro structures 43363
Takahata, M. *see* Ohsugi, T. 37385
Takahata, M. *see* Ohsugi, T. 37392
Takahata, M. *see* Okamoto, K. 41207
Takahata, M. *see* Sugiyama, H. 58561
Takahata, M. *see* Unno, Y. 37395
Takahira, H. *see* Copeland, D. 30333
Takahira, O., Toshio, I., Hiroyuki, S., Tomoe, A., Hitomi, T., Masashi, I., Shinobu, N., Masato, N. Development of dynamic simulator to analyze pressurized fluidized-bed combustion combined power plants 29119
Takahisa, K. *see* Hatanaka, K. 37195
Takai, H. *see* Jyumonji, M. 12633
Takai, H. *see* Takeda, M. 35235
Takai, K. *see* Fujiwara, O. 59834
Takai, M., Andoh, H., Miyazaki, H., Tsuruhara, T. Selective metal deposition using metal-covered scanning tunneling microscope tips 42706
Takai, M., Kageyama, K., Takefusa, S., Nakamura, A., Osaka, T. Magnetic properties of electroless-deposited NiFeB and electrodeposited NiFe alloy thin films 32793
Takai, M., Kishimoto, T., Mimura, R., Sawaragi, H., Aihara, R. Application of medium energy nuclear microprobe to semiconductor process steps 12609
Takai, M., Nakamura, A., Shigemoto, R., Asa, F., Osaka, T. Preparation of soft magnetic FePCo thin films with high B_s by means of electrodeposition 32792
Takai, M., Taketani, M., Yokoi, N. Surface structure of sulfur-terminated GaAs by medium energy ion scattering 12239
Takai, M. *see* Maekawa, Y. 11132
Takai, M. *see* Morimoto, W. 31696
Takai, N., Takagi, S., Fujii, N. GaAs MESFET linearized transconductor and active load with no CMFB 31369
Takai, O. *see* Futsuhara, M. 12840
Takai, S., Takae, A., Kodama, S. The extremal languages in supervisory control of discrete event systems with service specifications 46528
Takai, T., Kaneko, M., Honda, M. One of the methods of observing ESD around electronic equipments 24347
Takai, T. *see* Aoshima, Y. 9301
Takai, T. *see* Higashikubo, T. 16519
Takai, Y. *see* Ando, T. 54009
Takai, Y. *see* Munetomo, M. 21087
Takaishi, S. *see* Yokota, M. 23536
Takaishi, W., Kimura, T., Imamura, A., Sato, M. Transmission performance of digital FM utilizing jointly Gaussian filter and Nyquist-III filter for a premodulation filter 45503
Takaki, Y., Ohzu, H. Reconfigurable lens with an electro-optical learning system 13761
Takakoshi, K. *see* Wada, H. 60893
Takaku, H. *see* Karasawa, J. 2936
Takaku, K. *see* Akiyama, Y. 29334
Takakubo, H. *see* Takakubo, K. 54813
Takakubo, K., Takakubo, H., Takagi, S., Fujii, N. Wide dynamic range MOS analog inverter 54813
Takakura, H. *see* Nishio, T. 39108
Takakura, K. *see* Masamune, K. 8076
Takakura, Y., Sehili, M.T., Meyrueis, P. Method to improve the accuracy of super-smooth surface scatter data 48906
Takakusagi, H. *see* Kanai, M. 10132
Takakuwa, Y. *see* Nishimori, T. 40424
Takakuwa, Y. *see* Sakamoto, H. 12177
Takakuwa, Y. *see* Yeom, H.W. 2253
Takamasa, T., Kondo, K., Aya, I. Flashing of high-pressure saturated water into the pool water 50727
Takamasu, T. *see* Eaves, L. 42158
Takamasu, T. *see* Wilkinson, P.B. 12477
Takamatsu, J., Koike, T., Kato, Y., Sunaoshi, H., Hattori, K., Sugihara, K., Takigawa, T. Fabrication process of character projection mask for EB lithography 32262
Takamatsu, K. *see* Tanii, T. 11811
Takamatsu, M. *see* Sudou, M. 22511
Takamatsu, R. *see* Chinveeraphan, S. 5377
Takamatsu, R. *see* Ido, S. 4996
Takamatsu, R. *see* Ido, S. 5402
Takamatsu, R. *see* Sato, M. 5001
Takamatsu, R. *see* Sukanya, P. 5010
Takamatsu, R. *see* Sukanya, P. 5051
Takamatsu, R. *see* Wang, S. 25503
Takamatsu, S., Fujita, T., Nakayama, K., Shigeto, K. Groove sensor for welding robots 58678
Takamatsu, S. *see* Adan, A.O. 43318
Takamatsu, S. *see* Igawa, S. 15023
Takamatsu, T. *see* Matsuura, S. 54877
Takamatsu, Y. *see* Takahashi, H. 11414
Takami, A. *see* Ishii, K. 43444
Takami, A. *see* Kawama, Y. 30869
Takami, A. *see* Tanimura, E. 60529
Takami, H. *see* Yoshida, K. 60808
Takami, H. *see* Yoshida, K. 61258
Takami, K., Sekiguchi, H., Sugiyama, T., Honda, M., Ushijima, I. An application of advanced intelligent network technology to personal communication services 26652
Takami, K. *see* Iseki, Y. 20267
Takami, K. *see* Sakai, H. 6290
Takami, K. *see* Shibata, Y. 20221
Takami, K. *see* Sugiyama, T. 6291
Takami, Y. *see* Ohyama, H. 22761
Takami, Y. *see* Ohyama, H. 23685
Takami, Y. *see* Ohyama, H. 42920
Takamiya, M. *see* Saraya, T. 22810
Takamiya, S., Sonoda, T., Yamanouchi, M., Fujioka, T., Kohno, M. Source-drain burnout mechanism of GaAs power MESFETs: three terminal effects 43114
Takamiya, S. *see* Takiguchi, T. 52656
Takamiya, T., Komatubara, M., Hayakawa, Y., Kan, T. Influence of heat treatment before secondary recrystallization on magnetic properties of 3% Si grain-oriented steel containing Sb 23329
Takamori, A. *see* Fukuhisa, T. 44516
Takamori, A. *see* Kidoguchi, I. 55683
Takamori, H. *see* Kurita, M. 18917
Takamori, T. *see* Chang-Qing Xu 33626
Takamori, T. *see* Teruya, M. 36890
Takamori, T. *see* Wada, H. 3823
Takamoto, K. *see* Nagasaki, T. 52179
Takamoto, S. *see* Hirayama, K. 41391
Takamoto, T., Ikeda, E., Kurita, H., Ohmori, M. Over 30% efficient InGaP/GaAs tandem solar cells 29638
Takamoto, T. *see* Yamaguchi, M. 37975
Takamoto, T. *see* Yamaguchi, M. 38968
Takamoto, T. *see* Yamaguchi, M. 51581
Takamoto, Y. *see* Furuichi, R. 29331
Takamura, H. *see* Ozaki, T. 37319
Takamura, S. *see* Nakamura, T. 36894
Takanabe, S., Goto, Y., Nagao, S., Nagata, H., Miyakawa, O., Kurokawa, H., Kawase, K. The relation between the resistivity of the drain-line/pixel-electrode contact and SiN deposition condition 13734
Takanaka, M. *see* Watanabe, T. 37036
Takanashi, H. *see* Matsuki, H. 35978
Takanashi, H. *see* Matsuki, H. 47726
Takanashi, H. *see* Yasuda, A. 36820
Takanashi, T. *see* Kuroda, T. 37176
Takane, A. *see* Taguchi, J. 7922
Takanishi, A. *see* Yamaguchi, J. 27894
Takano, A. Quick-response torque-controlled induction motor drives using phase-locked loop speed control with disturbance compensation 20108
Takano, A. *see* Fujikake, S. 39127
Takano, H., Hatakeyama, T., Nakaoka, M. Transformer resonant type high-power DC-DC converter for medical use X-ray high-voltage generator 51244
Takano, H., Nakano, H., Minami, H., Hosogi, K., Yoshida, N., Sato, K., Hirose, Y., Tsubouchi, N. Electron-beam/ultraviolet hybrid exposure combined with novel bilayer resist system for a 0.15 μm T-shaped gate fabrication process 22661
Takano, H. *see* Fukuda, H. 51096
Takano, H. *see* Suzuki, Y. 23005
Takano, H. *see* Takeuchi, M. 21419
Takano, I. *see* Sekimoto, Y. 14602
Takano, K., Iwamoto, N. Low-frequency dielectric dispersion properties of p-pentyl-p'-cyano-biphenyl 23600
Takano, K. *see* Hara, M. 23138
Takano, K. *see* Ichimura, M. 51491
Takano, K. *see* Iino, E. 52591
Takano, K. *see* Iino, E. 52592
Takano, K. *see* Nakagawa, J. 16831
Takano, K. *see* Nakajima, H. 52832
Takano, K. *see* Sasaki, T. 41094
Takano, K. *see* Takasaki, T. 51493
Takano, K. *see* Wang, Z.-C. 13523
Takano, M., Minami, F., Kojima, N. Delay and skew minimized clock tree synthesis for embedded arrays 1546
Takano, M. *see* Kanai, H. 59428
Takano, M. *see* Yamazaki, J. 59460
Takano, N., Lawson, R., Hyttinen, J., Malmivuo, J. Multipole-like term estimation from the standard ECG records 49698
Takano, O. *see* Ishikawa, J. 13972
Takano, O. *see* Tanaka, K. 33378
Takano, S. *see* Furushima, Y. 14196
Takano, S. *see* Kobayashi, A. 11832
Takano, S. *see* Kobayashi, A. 22002
Takano, S. *see* Kobayashi, A. 22010
Takano, S. *see* Sato, H. 59166
Takano, S. *see* Tonouchi, M. 43765
Takano, T., Tomikawa, Y., Hata, H., Hirose, S. Two-dimensional (x-y) actuator using multimode degeneration of a piezoelectric ring vibrator 13370
Takano, T. *see* Hata, H. 2988
Takano, T. *see* Ichikawa, M. 56167
Takano, T. *see* Kakizaki, K.-I. 56139
Takano, T. *see* Kaneita, A. 61315
Takano, T. *see* Kusakabe, C. 2987
Takano, T. *see* Nakajima, H. 7024
Takano, Y., Sasaki, T., Nagaki, Y., Kuwahara, K., Fuke, S., Imai, T. Two-step growth of InP on GaAs substrates by metalorganic vapor phase epitaxy 30783
Takano, Y., Yaezaki, S., Matsumoto, K., Nishizawa, N., Yamada, H. Thrust simulation of a linear oscillatory actuator 51908
Takano, Y. *see* Hoshaw, S.J. 59395
Takano, Y. *see* Kadokura, K. 30702
Takano, Y. *see* Yamagata, S.-I. 10161

Takao, H., Matsumoto, Y., Seo, H., Ishida, M., Nakamura, T. Analysis and design considerations of three-dimensional vector accelerometer using SOI structure for wide temperature range 27452
Takao, H., Shimazaki, K., Ohta, N., Yoshihiro, M., Nagai, N., Imai, S. Highly field sensitive (150 Oe) quadri-valued magnetooptical media for high-speed overwriting 44112
Takao, H. *see* Kobayashi, M. 39247
Takao, K., Yoshimura, M., Tagawa, N., Matsudaira, Y., Inoue, A., Hosaka, S. Development of the superconducting Maglev vehicles (MLX01 type) on the Yamanashi Test Line–carbody structure and equipment of the first train set 20157
Takao, M. *see* Ando, A. 7771
Takao, M. *see* Shoji, Y. 27990
Takao, T. *see* Maeda, M. 33395
Takao, Y. *see* Egashira, M. 22268
Takao, Y. *see* Ishii, K. 50194
Takaoka, G.H. *see* Tanomura, M. 41872
Takaoka, H. *see* Hirata, A. 12767
Takaoka, S. *see* Oto, K. 12476
Takaoka, S. *see* Oto, K. 54174
Takaoka, S. *see* Wakaya, F. 12658
Takaoka, S. *see* Wakaya, F. 42201
Takaoka, Y. *see* Matsumoto, M. 19951
Takara, H., Kawanishi, S., Yokoo, A., Tomaru, S., Kitoh, T., Saruwatari, M. 100 Gbit/s optical signal eye-diagram measurement with optical sampling using organic nonlinear optical crystal 14263
Takara, H. *see* Mori, K. 44691
Takara, H. *see* Morioka, T. 26826
Takara, H. *see* Takiguchi, K. 6716
Takara, H. *see* Uchiyama, K. 36095
Takarabe, K. Photoluminescence study of rare-earth doped semiconductors under pressure 22235
Takarabe, K. *see* Mori, Y. 22289
Takarada, T. *see* Noguchi, H. 22683
Takasago, K., Takekawa, M., Kannari, F., Tani, M., Sakai, K. Accurate pulse shaping of femtosecond lasers using programmable phase-only modulator 33601
Takasaki, E. *see* Sato, H. 59166
Takasaki, E. *see* Ueno, A. 37029
Takasaki, K. *see* Ishizaki, A. 51063
Takasaki, M. *see* Kitamura, T. 33388
Takasaki, M. *see* Noumi, H. 37073
Takasaki, T., Suda, A., Sato, K., Nagasaka, K., Tashiro, H. Annular-beam pumped para-hydrogen Raman laser 13944
Takasaki, T., Takano, K., Ichimura, M. Deterioration measuring method of VRLA battery used in UPS systems 51493
Takasaki, T. *see* Ban, Y. 60416
Takasaki, T. *see* Fujiwara, H. 31225
Takasaki, T. *see* Suda, A. 13962
Takasaki, T. *see* Suda, A. 13969
Takasaki, Y., Sekiguchi, T., Sasagawa, M., Hirao, T., Shimada, S. Super-multichannel trans-selector systems for upgradable broadband networks 7078
Takasao, T. *see* Nakakita, E. 38070
Takasawa, Y. *see* Yu, Q. 56554
Takase, F., Ueda, Y. Nonlinear modeling of air-gap flux density distribution in a synchronous machine with magnetic saturation in the pole tips 50962
Takase, H. *see* Kai Zhang 41118
Takase, J. Lower limit of loss probability in distributed type communication networks: For offering distribution services 5889
Takase, K. *see* Kitakaze, K. 17201
Takase, M. *see* Hori, A. 43295
Takase, M. *see* Mizuno, B. 2323
Takase, M. *see* Mizuno, B. 2645
Takashibu, M. *see* Nakasone, M. 57432
Takashige, M., Hamazaki, S., Fukurai, N., Shimizu, F., Kojima, S. Atomic force microscope observation of ferroelectrics: barium titanate and Rochelle salt 2945
Takashima, D., Oowaki, Y. A novel power-off mode for a battery-backup DRAM 21667
Takashima, D., Oowaki, Y., Watanabe, S., Ohuchi, K., Matsunaga, J. Noise suppression scheme for giga-scale DRAM with hundreds of I/Os 1418
Takashima, D. *see* Inaba, T. 21659
Takashima, D. *see* Nakano, H. 1405
Takashima, D. *see* Shiratake, S. 53298
Takashima, H. *see* Yamamoto, Y. 7926
Takashima, K. *see* Kobayashi, T. 22225
Takashima, K. *see* Oda, T. 32647
Takashima, K. *see* Ueki, K. 17788
Takashima, N. *see* Sameshima, T. 12152
Takashima, R. *see* Antos, J. 37373
Takashima, R. *see* DeWitt, J. 59243
Takashima, R. *see* Ohsugi, T. 37385
Takashima, R. *see* Ohsugi, T. 37392
Takashima, R. *see* Sadrozinski, H.F.W. 37399
Takashima, R. *see* Terada, S. 37391
Takashima, R. *see* Unno, Y. 37395
Takashima, S. *see* Aoki, M. 33546
Takashima, S. *see* Hara, K. 37400
Takashima, T., Cheng-Gang Wang, Sakuta, T., Satoh, T. Potential probe position in ground resistance measurement of a vertical electrode in multi-layers ground by the fall-of-potential method 28944
Takashima, T., Wang, H., Sakuta, T., Satoh, T. Potential probe position in ground resistance measurement of horizontal electrodes in multi-layers ground by the fall-of-potential method 19399
Takashima, T. *see* Doke, T. 28019
Takashima, T. *see* Paul, K.C. 43470
Takashimizu, N. *see* Sugimoto, Y. 59202
Takasu, H. Integrated ferroelectrics as a strategic device 54999
Takasu, H. *see* Suu, K. 2918
Takasu, H. *see* Suu, K. 52796
Takasu, I., Yanagitani, A., Matsuda, H. Improvement of the sintering process in a Sendust alloy powder used as a magnetic recording head material 23336
Takasu, K. *see* Watanabe, Y. 19638
Takasu, N. *see* Sakuta, S. 27887
Takasu, Y. *see* Xiao-Gang Zhang 51556
Takasuka, T. *see* Shimmei, Y. 16261
Takata, H. *see* Komatsu, K. 34964
Takata, H. *see* Shiraishi, T. 21709
Takata, K. *see* Higo, T. 49194
Takata, K. *see* Kashiwagi, S. 49209
Takata, K. *see* Moyoshi, M. 59721
Takata, M. *see* Yamasaki, H. 20057
Takata, S. *see* Minami, T. 40537
Takata, S. *see* Minami, T. 55413
Takata, Y. *see* Katayama, T. 11867
Takatani, S. *see* Takazawa, H. 32441
Takato, N. *see* Oguchi, T. 26918
Takatoh, K., Nagata, I., Saishu, T. Orientations and viewing angle dependence of twisted ferroelectric liquid crystal 48774
Takatomi, T. *see* Higo, T. 49194
Takatoo, M., Onuma, C., Kobayashi, Y. Detection of objects including persons using image processing 5620
Takatori, T. *see* Ishikawa, J. 37180
Takatsu, M. *see* Yokoyama, N. 12905
Takatsuji, T., Oreb, B.F., Farrant, D.I., Tyrer, J.R. Simultaneous measurement of three orthogonal components of displacement by electronic speckle-pattern interferometry and the Fourier transform method 59009
Takatsuka, M., Jarvis, R.A. Range image segmentation for 3D object recognition using hybrid neural networks 15696
Takaya, E. *see* Murata, T. 52128
Takaya, K. Recovery of phase from first order spectrum 56488
Takaya, K., Reinhardt, R.T. Low bit-rate image coding for facial movement 57053
Takaya, M., Kihara, M., Nagasawa, S. An easily-assembled optical device for coupling single-mode planar waveguides to a fiber array employing novel plastic plug components 33023
Takaya, M., Kihara, M., Nagasawa, S. An easily-assembled optical device for coupling single-mode planar waveguides to a fiber array 44004
Takaya, N., Dodds, D.E., McCrosky, C.D. Adaptive rate subscriber loop data transmission using Ethernet interfaces 57882
Takaya, Y. *see* Nozawa, M. 43865
Takayama, D. Investigation of SAW devices for Spread Spectrum Communication 55016
Takayama, J., Ohtsubo, Y., Furugen, K., Fujishima, R., Iwamoto, M., Horikoshi, H., Arita, I. The architecture of a subscriber line cross-connecting system for flexible access network 26797
Takayama, K., Monaka, T. Ion-channel guided x-band free-electron laser amplifier 14197
Takayama, K. *see* Ishikawa, H. 16794
Takayama, K. *see* Matsumoto, S. 33782
Takayama, K. *see* Uda, S. 30724
Takayama, N. *see* Morisawa, Y. 54413
Takayama, R. *see* Kanno, I. 43481
Takayama, R. *see* Kobune, M. 2920
Takayama, S., Tsutsui, N. Low resistivity Al-RE (RE=La, Pr, and Nd) alloy thin films with high thermal stability for thin-film-transistor interconnects 2419
Takayama, S., Tsutsui, N. Al-Sm and Al-Dy alloy thin films with low resistivity and high thermal stability for microelectronic conductor lines 32243
Takayama, S. *see* Hashimoto, S. 16232
Takayama, S. *see* Kawamura, K. 22460
Takayama, S. *see* Yamada, M. 23915
Takayama, T., Imafuji, O., Hashimoto, T., Yuri, M., Yoshikawa, A., Itoh, K. Small-astigmatism, low-noise, and high-power self-sustained pulsation multiple-quantum-well laser diodes with a real refractive index guided self-aligned structure 14117
Takayama, T. *see* Nagata, T. 29068
Takayama, Y. *see* Enbutsu, K. 24242
Takayama, Y. *see* Koura, N. 3273
Takayama, Y. *see* Runwei Cheng 1001
Takayanagi, A. *see* Kowa, H. 59054
Takayanagi, A. *see* Umeda, N. 59061
Takayanagi, H. *see* Nitta, J. 42121
Takayanagi, S., Hamada, S., Yano, K. Advanced electrical systems for processing lines 20268
Takayanagi, Y. *see* Hirose, H. 5272
Takayasu, H. *see* Takayasu, M. 35699
Takayasu, M., Takayasu, H., Sato, T. Critical behaviors and 1/f noise in information traffic 35699
Takayasu, M. *see* Bruzzone, P. 55100
Takayasu, M. *see* Thieme, C.L.H. 55107
Takayasu, M. *see* Vysotsky, V.S. 43776
Takayasu, M. *see* Vysotsky, V.S. 43777
Takazawa, H. Performance characteristics of barometric type open-cycle OTEC system 19623
Takazawa, H. Relation of exhaust and performance in condenser of open-cycle OTEC system 19624
Takazawa, H. Effect on performance of heat exchanger by quantity of intake water 19625
Takazawa, H., Takatani, S., Higuchi, K., Kudo, M. Fabrication of InAlAs/InGaAs high-electron-mobility transistors using ArF-excimer-laser-assisted damage-free highly selective InGaAs/InAlAs etching 32441
Take, T. *see* Kuwata, Y. 51558
Takebayashi, M., Mizutani, G., Ushioda, S. Azimuthal angle dependence of optical second harmonic intensity from a vicinal GaAs(001) wafer 14363
Takebayashi, T. *see* Habuchi, H. 26489
Takebayashi, Y. *see* Tsuboi, H. 56382
Takebe, H. *see* Pruneri, V. 24134
Takebe, K., Nakauchi, S., Usui, S. A computational model for color constancy in shadows 57205
Takebe, T. 1000 kV transmission lines–aiming at gentleness for environment and reduction 28905
Takebe, T., Fujii, M., Yamamoto, T., Fujita, K., Watanabe, T. Facet generation during molecular beam epitaxy of GaAs/AlGaAs multilayers on GaAs (001) patterned substrates 52687
Takebe, T. *see* Matsumura, S. 25298
Takebe, T. *see* Matsumura, S. 25715
Takebe, T. *see* Sawada, S. 31845
Takebe, T. *see* Sekiguchi, S. 53422
Takebe, T. *see* Shang Li 56552
Takebe, T. *see* Xiaohua Wu 41341
Takebe, T. *see* Yoshida, H. 31835
Takebuchi, M., Yamada, K., Nishimura, T., Isobe, K., Uemura, T., Fujimoto, T., Arakawa, M., Mori, S., Kimitsuka, A., Yoshikawa, K. New interconnect plasma induced damage analyzed by flash memory cell array 42711
Takechi, M. Three-dimensional magnetic field analysis of a system containing coil currents and iron elements using the virtual current method 33797
Takechi, M. Magnetic shielding by superconducting windings for shielding axial external magnetic field with spatial distribution of a function of axial coordinates 45259
Takechi, S. *see* Asai, S. 2494
Takeda, A. *see* Ohara, K. 57117
Takeda, D., Sanada, Y., Nakagawa, M. Fast Viterbi decoding methods for the co-channel interference canceller on cellular DS/CDMA systems 26530
Takeda, H., Kusabuka, M., Imoto, K., Takumi, K., Soejima, M. Numerical algorithm for local failure mechanism of pre-stressed concrete containment vessel wall with penetration 29012
Takeda, H., Shimamura, K., Kohno, T., Fukuda, T. Growth and characterization of $La_3Nb_{0.5}Ga_{5.5}O_{14}$ single crystals 30716
Takeda, H., Young, L.M., Nath, S., Billen, J.H., Stovall, J.E. Linac design algorithm with symmetric segments 49055
Takeda, H. *see* Billen, J.H. 49129
Takeda, H. *see* Garnett, R.W. 17896
Takeda, H. *see* Hatano, H. 16642
Takeda, H. *see* Ishii, K. 49323
Takeda, H. *see* Iwazume, M. 6260
Takeda, H. *see* Kajino, F. 37402
Takeda, H. *see* Lawrence, G. 49177
Takeda, H. *see* Nath, S. 49168
Takeda, H. *see* Nath, S. 49170
Takeda, H. *see* Nishimura, Y. 60455
Takeda, H. *see* Otake, T. 17041
Takeda, H. *see* Sato, K. 30356
Takeda, H. *see* Shimizu, T. 36806
Takeda, H. *see* Stovall, J.E. 49169
Takeda, H. *see* Suzuki, H. 3762
Takeda, H. *see* Tanaka, A. 59793
Takeda, H. *see* Wangler, T.P. 49188
Takeda, H. *see* Yoshizawa, M. 59792
Takeda, J. *see* Takabatake, Y. 35871
Takeda, K. PersonalWare: a middleware for intelligent personal network services 47290
Takeda, K., Hikita, H., Kimura, Y., Yokomichi, H., Yamaguchi, M., Morigaki, K. Light-induced annealing of dangling bonds in a-Si:H 55391
Takeda, K., Ito, S. Outer-layer grounded molded transformer 38779
Takeda, K. *see* Goto, M. 24868
Takeda, K. *see* Kuroiwa, S. 26055
Takeda, K. *see* Miyake, T. 42633
Takeda, K. *see* Miyazaki, H. 42701
Takeda, K. *see* Sato, T. 48119
Takeda, K. *see* Suzuki, H. 21673
Takeda, K. *see* Toyoshima, H. 1333
Takeda, M. Recent progress in phase unwrapping techniques 17816
Takeda, M., Abe, T. Phase unwrapping by a maximum cross-amplitude spanning tree algorithm: a comparative study 46124
Takeda, M., Quan Gu, Kinoshita, M., Takai, H., Takahashi, Y. Spatially frequency-multiplexed number-theoretic phase unwrapping technique for the Fourier-transform profilometry of objects with height discontinuities and/or spatial isolations 35235
Takeda, M. *see* Ishikawa, K. 17109
Takeda, M. *see* Kato, H. 7061
Takeda, M. *see* Kubota, S. 2475
Takeda, M. *see* Murase, T. 16382
Takeda, M. *see* Ohoka, H. 48390
Takeda, M. *see* Ue, M. 11762
Takeda, M. *see* Uzuka, T. 29746

Takeda, N., Kudo, K. Nonlinearity of pulse height of recoil helium in ^{3}He proportional counters 37403
Takeda, N., Watanabe, M., Onoguchi, K. Moving obstacle detection using residual error of FOE estimation 35313
Takeda, N. *see* Kaminaga, K. 38373
Takeda, N. *see* Kaminaga, K. 43557
Takeda, N. *see* Nishizawa, J. 12878
Takeda, N. *see* Otani, T. 36125
Takeda, N. *see* Ryu, S. 6825
Takeda, N. *see* Taga, H. 58299
Takeda, N. *see* Toyokawa, H. 37522
Takeda, N. *see* Watanabe, M. 5124
Takeda, S. *see* Kashiwagi, S. 49209
Takeda, S. *see* Naito, T. 49200
Takeda, S. *see* Shintake, T. 37131
Takeda, S. *see* Watanabe, S. 33691
Takeda, T., Kaneko, T. Effect of body sway by using visual wide-field images 46083
Takeda, T. *see* Banba, T. 12849
Takeda, T. *see* Endo, H. 59470
Takeda, T. *see* Hozumi, N. 50574
Takeda, T. *see* Kuji, N. 11143
Takeda, T. *see* Miyamoto, M. 22936
Takeda, T. *see* Nakajima, S. 2769
Takeda, T. *see* Nakashima, S. 22971
Takeda, T. *see* Shiomi, S. 37630
Takeda, T. *see* Tanno, K. 21586
Takeda, T. *see* Umetani, K. 7951
Takeda, T. *see* Yuasa, T. 37671
Takeda, Y., Murakoshi, H., Funakubo, N., Dohi, Y. Proposal of a modeling methodology for factory automation systems and the improved Petri net controller 11468
Takeda, Y., Ueno, H., Imanishi, N., Yamamoto, O., Sammes, N., Phillipps, M.B. $Gd_{1-x}Sr_xCoO_3$ for the electrode of solid oxide fuel cells 29618
Takeda, Y. *see* Arachi, Y. 51529
Takeda, Y. *see* Arai, S. 49038
Takeda, Y. *see* Aritomi, M. 36973
Takeda, Y. *see* Kunioka, T. 42875
Takeda, Y. *see* Minami, T. 40537
Takeda, Y. *see* Morimoto, S. 29679
Takeda, Y. *see* Phillipps, M. 51514
Takeda, Y. *see* Sanada, M. 29680
Takeda, Y. *see* Tabuchi, M. 30750
Takeda, Y. *see* Takei, H. 49089
Takeda, Y. *see* Watanabe, E. 43512
Takeda, Y. *see* Yamamoto, T. 20007
Takefusa, S. *see* Takai, M. 32793
Takegai, T. *see* Kawasaki, T. 59287
Takehana, H. *see* Kaminaga, K. 60393
Takehana, K. *see* Kido, G. 3300
Takehana, M., Nishino, T., Sugawara, K., Sugawara, T. Preparation of zinc oxide varistor by a wet chemical method 13055
Takehara, H. *see* Hirai, T. 43352
Takehara, J. *see* Muramatsu, K. 44882
Takehara, N. *see* Fukae, K. 39161
Takehara, Z. *see* Ioroi, T. 51517
Takehara, Z. *see* Katakura, K. 51541
Takehara, Z. *see* Komaki, A. 51474
Takehisa, K. Scaling up of a high average power dye laser amplifier and its new pumping designs 33394
Takei, A. *see* Hara, T. 38290
Takei, H., Suzuki, T., Mamiya, M., Sakai, F., Koike, M., Mori, Y., Sasaki, T. Thermal expansions of pure and Al-doped $CsLiB_6O_{10}$ crystals for nonlinear optical applications 32978
Takei, H., Takeda, Y. Conceptual design of beam dump for high power electron beam 49089
Takei, H. *see* Kadono, H. 7626
Takei, H. *see* Toyoshima, H. 21815
Takei, K., Ishii, O., Senda, M. Application of magnetic metal thin films to EMI noise filter 45210
Takei, K. *see* Maeda, Y. 32784
Takei, M., Moritomi, H. Worldwide deployment of PHS (personal handy-phone system) 6498
Takei, S. *see* Uchida, Y. 52819
Takei, T. *see* Kanai, M. 10132
Takeichi, K. *see* Hasegawa, Y. 46444
Takeiri, Y. *see* Kuroda, T. 37176
Takeiri, Y. *see* Tsumori, K. 37061
Takeishi, E. *see* Matsuoka, K. 45670
Takeishi, T. *see* Miyazaki, T. 21523
Takekawa, M. *see* Takasago, K. 33601
Takema, T. *see* Kato, Y. 29663
Takemasa, K. *see* Chang-Qing Xu 33626
Takemasa, K. *see* Xu, C.Q. 44661
Takemata, K., Yonekura, T., Asae, V., Kawata, Y. Estimation of bidirectional reflectance distribution function from land surfaces using airborne POLDER data 8317
Takemi, M. *see* Ishimura, E. 26840
Takemi, M. *see* Shima, A. 44499
Takemi, M. *see* Takiguchi, T. 52656
Takemori, K., Shiokawa, S., Sasase, I. Performance analysis of multistage ATM switch with partially shared buffers under unbalanced traffic 5739
Takemori, K., Shiokawa, S., Sasase, I. Performance analysis of multistage ATM switch with partially shared buffers under nonuniform traffic 35869
Takemori, S. *see* Seki, H. 13463
Takemoto, A., Higuchi, H., Shibata, K., Kato, M., Itagaki, T., Takiguchi, T., Hisa, Y. 1.3 μm high performance FS-BH laser diodes with waveguide lens for optical access network 26908
Takemoto, A. *see* Takiguchi, T. 52656
Takemoto, H. *see* Miyamoto, W. 18331
Takemoto, M. *see* Cho, H. 40735
Takemoto, M. *see* Futatsugi, T. 40736
Takemoto, Y., Kido, T., Yamanishi, K. 1.5 MHU rotating anode X-ray tube for cardiovascular diagnostic systems 18339
Takemoto, Y. *see* Nakajima, Y. 25725
Takemura, H., Furutake, N., Nisimura, M., Tsuida, S., Yoshiki, M., Okamoto, A., Miyano, S. Fully large-scale integration process-compatible Si field emitter technology with high controllability of emitter height and sharpness 53962
Takemura, H., Yoshiki, M., Nishimura, M., Furutake, N., Tsuida, S., Miyano, S. Development of submicron Si field emitter array 31701
Takemura, H. *see* Araki, S. 4946
Takemura, H. *see* Funayama, R. 5386
Takemura, H. *see* Tashiro, T. 22949
Takemura, H. *see* Tatsuno, Y. 5622
Takemura, H. *see* Tatsuno, Y. 15818
Takemura, K. The new Shinkansen facilities control system 51758
Takemura, K., Tanaka, K., Sasagawa, T., Yamashita, N., Tachibana, K. Development of CT TARGET CT system for radiation therapy planning 18517
Takemura, K. *see* Hirosawa, Y. 13080
Takemura, K. *see* Koga, H. 41166
Takemura, K. *see* Nishimura, T.B. 31490
Takemura, K. *see* Watanabe, I. 10164
Takemura, K. *see* Yamaguchi, H. 41538
Takemura, K. *see* Yoshida, M. 11441
Takemura, M. *see* Goto, H. 40472
Takemura, R., Suhara, M., Miyamoto, Y., Furuya, K., Nakamura, Y. Current-voltage characteristics of triple-barrier resonant tunneling diodes including coherent and incoherent tunneling processes 22891
Takemura, R. *see* Kang, Y.C. 13045
Takemura, S. *see* Shichijyo, S. 33660
Takemura, Y., Masuda, S., Komatsu, K., Yamada, T., Kakuno, K. Fundamental properties of magnetoelastic wave and magneto-impedance effect in FeSiB amorphous wires 13410
Takemura, Y., Tokuda, H., Komatsu, K., Masuda, S., Yamada, T., Kakuno, K., Saito, K. Dependence of magnetization dynamics and magneto-impedance effect in FeSiB amorphous wire on annealing conditions 3035
Takemura, Y. *see* Komatsu, K. 3037
Takenaga, Y. *see* Takagi, K. 53261
Takenaka, H., Ueda, D. 0.15 μm T-shaped gate GaAs MODFET using phase shift lithography 43150
Takenaka, H. *see* Ishida, I. 41497
Takenaka, H. *see* Mizuhata, M. 51538
Takenaka, H. *see* Tanaka, T. 32444
Takenaka, H. *see* Tanizawa, M. 10122
Takenaka, K. *see* Nagao, T. 50303
Takenaka, M., Tachibe, T., Kozuka, S., Hayashi, M., Matsunaga, H. Evaluation of ultratrace metallic impurities in thin copper layers, barrier metals and silicon wafers for copper metallization technology 32232
Takenaka, M. *see* Saeki, T. 1385
Takenaka, N., Kito, M., Otsuka, N., Ishino, M., Fujito, K., Matsui, Y. Strained-layer MQW-DFB laser module for SCM transmission system over wide frequency range 48014
Takenaka, S. *see* Matsumoto, H. 58256
Takenaka, T., Wall, D.J.N., Harada, H., Tanaka, M. Reconstruction algorithm of the refractive index of a cylindrical object from the intensity measurements of the total field 45006
Takenaka, T. *see* Ide, I. 26051
Takenaka, T. *see* Kaewkamnerd, N. 43599
Takenaka, T. *see* Nishii, T. 11880
Takenaka, T. *see* Yamada, J. 35527
Takenaka, T. *see* Yamanaka, N. 16504
Takenaka, Y., Nishimae, J., Tanaka, M., Motoki, Y. High-power CO_2 laser with a gauss-core resonator for high-speed cutting of thin metal sheets 20853
Takenaka, Y. *see* Sakai, H. 49332
Takenami, K. *see* Ohsaki, H. 60968
Takeno, H., Shijie Zhou, Nakamoto, S., Mori, M., Arai, K. Research on the degradation of insulating material by feeble discharge in SF_6 gas due to the quantitative measurement of discharge light 23158
Takeno, K. *see* Muroyama, S. 51308
Takeno, S. *see* Izuha, M. 43581
Takeno, S. *see* Matsueda, H. 3998
Takeno, S. *see* Yoshimi, M. 32410
Takenouchi, H. *see* Kawata, K. 33166
Takenouchi, O., Yamashita, T., Fujishima, T., Matsuo, H. Observation of shock waves and density changes generated by a local discharge propagating on an electrolytic solution 32620
Takenoya, Y. *see* Katoh, H. 27157
Takeo, H. *see* Okuno, K. 49454
Takeo, K. *see* Kosuge, K. 35721
Takeo, M. *see* Akhmetov, A. 55148
Takeo, M. *see* Sato, S. 9416
Takeoka, S. *see* Yoshioka, H. 39168
Takeshima, H. *see* Narita, K. 44114
Takeshima, T. *see* Ohkawa, M. 1330
Takeshina, T. *see* Uchida, S. 29361
Takeshita, H. *see* Kushiya, K. 39116
Takeshita, I. *see* Ego, H. 37045
Takeshita, I. *see* Hara, M. 17909
Takeshita, K., Suzuki, T., Ishida, O., Sekizawa, M., Ogino, A. Fundamental study of high speed data transmission by using distribution line carrier 16165
Takeshita, K. *see* Shikida, M. 44977
Takeshita, O.Y., Imai, H. On strictly geometrically uniform codes: construction and new codes 45627
Takeshita, T., Ichikawa, M., Ju-Suk Lee, Matsui, N. Back EMF estimation-based sensorless salient-pole brushless DC motor drives 39280
Takeshita, T., Yoshino, K., Ito, T., Lui, W., Magari, K., Suzuki, Y., Naganuma, M. Polarization-insensitive and wide-wavelength laser-diode optical switch module 44560
Takeshita, T. *see* Hashiba, S. 20836
Takeshita, T. *see* Ju-Suk Lee 29706
Takesue, T. *see* Torikai, T. 58094
Taketa, Y. *see* Abe, O. 17313
Taketani, M. *see* Takai, M. 12239
Taketani, N., Hatano, K., Sugimoto, H., Yoshioka, O., Murakami, G. CSP with LOC technology 52230
Taketani, N. *see* Uetsuka, H. 26920
Taketani, Y. *see* Niwa, S. 11759
Taketomo, H. *see* Furusawa, A. 52199
Takeuchi, A., Ohtsu, S., Muroyama, S. A single-ended boost-type high-power-factor converter using a two-input-winding transformer 53026
Takeuchi, A. *see* Nakamura, K. 48770
Takeuchi, A. *see* Tsuchiya, H. 30841
Takeuchi, A. *see* Yasutake, K. 52631
Takeuchi, D., Matsuo, J., Kitai, A., Yamada, I. Effects of bombardment by high energy gas cluster ion beams 42375
Takeuchi, D., Shimada, N., Matsuo, J., Yamada, I. Shallow junction formation by polyatomic cluster ion implantation 41868
Takeuchi, D. *see* Tanomura, M. 41872
Takeuchi, E.S. *see* Hong Gan 29524
Takeuchi, H., Tsuzuki, K., Sato, K., Yamamoto, M., Itaya, Y., Sano, A., Yoneyama, M., Otsuji, T. NRZ operation at 40 Gb/s of a compact module containing an MQW electroabsorption modulator integrated with a DFB laser 55290
Takeuchi, H., Yamaguchi, Y., Seto, T., Inada, K. Mechanical splicing system using the glass capillaries to align the optical fibers 26714
Takeuchi, H. *see* Horiguchi, A. 30106
Takeuchi, H. *see* Ikeda, H. 59310
Takeuchi, H. *see* Kuribayashi, M. 11057
Takeuchi, H. *see* Nakamoto, E. 44997
Takeuchi, H. *see* Takeuchi, T. 54223
Takeuchi, H. *see* Takeuchi, T. 55396
Takeuchi, H. *see* Yamawaki, C. 27181
Takeuchi, I. *see* Dong, Z.W. 13499
Takeuchi, J. *see* Zaitsu, Y. 40659
Takeuchi, K., Higashikubo, M., Hinenoya, T., Aoki, M. Traffic queue length measurement using an image processing sensor 58835
Takeuchi, K., Mizuhara, A. Low-temperature grown GaAs probe for ultrafast electrical signal measurement 36881
Takeuchi, K. *see* Ando, M. 58767
Takeuchi, K. *see* Isoda, S. 60090
Takeuchi, K. *see* Nakahara, Y. 2807
Takeuchi, K. *see* Ogawa, T. 2499
Takeuchi, K. *see* Tanzawa, T. 1394
Takeuchi, M., Kubono, T. The spatial distributions of spectral intensity and temperature in the cross section of an arc column between separating Pd contacts 11797
Takeuchi, M., Kubono, T. Relationship between arc duration and spectroscopic intensity of breaking arc between AgPd alloy contacts 22003
Takeuchi, M., Odagawa, I., Tanaka, M., Yamanouchi, K. Low-loss SAW filters on NSPUDT orientations of a $Li_2B_4O_7$ substrate 13391
Takeuchi, M., Soejima, S., Kishimoto, W., Yoshizawa, S., Takano, H., Kanada, H. Series-parallel networks which maximize the probability of 2-edge-connectedness 21419
Takeuchi, M., Takeuchi, T., Inoue, Y., Kato, T., Inoue, K., Nakashima, H., Maehashi, K., Fischer, P., Christen, J., Grundmann, M., Bimberg, D. Uniform GaAs quantum wires formed on vicinal GaAs (110) surfaces by two-step MBE growth 40450
Takeuchi, M. *see* Ishizawa, M. 51500
Takeuchi, M. *see* Kanada, H. 47099
Takeuchi, M. *see* Kobayashi, K. 41261
Takeuchi, M. *see* Mizuhata, S. 39860
Takeuchi, M. *see* Morisawa, Y. 54413
Takeuchi, M. *see* Nakashima, H. 12480
Takeuchi, M. *see* Omi, T. 48427
Takeuchi, M. *see* Sakata, M. 54990
Takeuchi, M. *see* Takeuchi, R. 51583
Takeuchi, M. *see* Wakabayashi, S. 2985
Takeuchi, M. *see* Yamaguchi, C. 44981
Takeuchi, N. Laser observation of the atmosphere from the space 28625
Takeuchi, N. *see* Hagiwara, T. 28943
Takeuchi, N. *see* Mugino, A. 8523
Takeuchi, N. *see* Nakagawa, H. 58820
Takeuchi, N. *see* Toriumi, R. 50214
Takeuchi, N. *see* Watanabe, T. 51770
Takeuchi, R., Takeuchi, M. Improvement of photovoltaic performance in copper phthalocyanine binder layer solar cells 51583

Takeuchi, S., Ishii, T., Matsuda, M., Zhang, Y., Yoshida, T. Acceleration of heavy ions by the JAERI tandem superconducting booster 49147
Takeuchi, S. *see* Imada, H. 7516
Takeuchi, S. *see* Imai, T. 6010
Takeuchi, S. *see* Miura, H. 43373
Takeuchi, S. *see* Mori, T. 16416
Takeuchi, S. *see* Morikawa, S. 48219
Takeuchi, S. *see* Okada, K. 21811
Takeuchi, S. *see* Sakamoto, T. 12124
Takeuchi, S. *see* Suga, Y. 8319
Takeuchi, S. *see* Takahashi, K. 17619
Takeuchi, S. *see* Takahashi, K. 44276
Takeuchi, S. *see* Tate, H. 35820
Takeuchi, T. The convergence rate of the SOR method for three-dimensional Poisson equation 21137
Takeuchi, T., Nemoto, Y., Itoh, K., Iijima, Y., Kosuge, M., Inoue, K., Maeda, H. Superconducting properties of V_3Si multifilamentary conductor 55104
Takeuchi, T., Sasaki, T., Hamamoto, K., Hayashi, M., Makita, K., Taguchi, K., Komatsu, K. A transceiver PIC for bidirectional optical communication fabricated by bandgap energy controlled selective MOVPE 26911
Takeuchi, T., Sasaki, T., Yamamoto, M., Hamamoto, K., Makita, K., Taguchi, K., Komatsu, K. A transceiver PIC for bidirectional optical communication fabricated by bandgap energy controlled selective MOVPE 16728
Takeuchi, T., Sota, S., Katsuragawa, M., Komori, M., Takeuchi, H., Amano, H., Akasaki, I. Quantum-confined Stark effect due to piezoelectric fields in GaInN strained quantum wells 54223
Takeuchi, T., Takeuchi, H., Sota, S., Sakai, H., Amano, H., Akasaki, I. Optical properties of strained AlGaN and GaInN on GaN 55396
Takeuchi, T. *see* Iijima, Y. 55108
Takeuchi, T. *see* Kaneko, Y. 32222
Takeuchi, T. *see* Koike, H. 2999
Takeuchi, T. *see* Kozuka, T. 48095
Takeuchi, T. *see* Nakashima, H. 12480
Takeuchi, T. *see* Takeuchi, M. 40450
Takeuchi, T. *see* Tezuka, H. 47904
Takeuchi, T. *see* Tsuji, M. 54212
Takeuchi, T. *see* Yamamoto, T. 23945
Takeuchi, Y. Chirped excitation for <–100 dB time sidelobe echo sounding 28106
Takeuchi, Y. The optimal transmission of correlated Gaussian signals through parallel channels with feedback 45485
Takeuchi, Y., Fujita, M., Kano, K., Ohtsuka, Y., Akita, S., Hattori, T. . A reforming technique with ion implantation for polysilicon microstructures 22542
Takeuchi, Y., Yamanouchi, K. A low loss SAW matched filter under the compensation method of temperature deviations 32775
Takeuchi, Y. *see* Aritome, S. 11453
Takeuchi, Y. *see* Hashimoto, H. 28126
Takeuchi, Y. *see* Kawai, H. 23610
Takeuchi, Y. *see* Murata, M. 40547
Takeuchi, Y. *see* Suzuki, T. 47673
Takeuchi, Y. *see* Takizawa, T. 44075
Takeuchi, Y. *see* Tanzawa, T. 1394
Takeuchi, Y. *see* Watanabe, H. 41174
Takeya, J., Akita, S., Shimoyama, J., Kishio, K. Current-voltage characteristics of $Bi_2Sr_2CaCu_2O_{8+\delta}$ in the c-axis direction 55090
Takeyama, M., Noya, A., Fukuda, T. Thermal stability of Cu/W/Si contact systems using layers of Cu(111) and W(110) preferred orientations 32246
Takeyama, M., Noya, A., Murakami, Y., Sasaki, K. Characteristics and growth processes of a surface oxidized layer formed on Al-Y alloy films 42605
Takeyama, M. *see* Noya, A. 785
Takeyama, M. *see* Noya, A. 32065
Takeyama, S., Adachi, S., Takagi, Y. Optical characterization of very-thin CdTe single crystal films grown on transparent substrates 21239
Takeyama, S., Grabecki, G., Adachi, S., Takagi, Y., Wojtowicz, T., Karczewski, G., Kossut, J. Exciton magneto-optical study on new diluted magnetic semiconductor super-structures $Cd_{1-x}Zn_xTe/Cd_{1-x'-y}Zn_xMn_yTe$ 22370
Takezawa, H. *see* Shiino, T. 11933
Takezawa, M. A study of micro magnetic sensors 58716
Takezawa, N., Kato, I., Nojima, S. Refractive index measurement of silicon thin films using slab optical waveguides 48966
Takezawa, T., Morimoto, T. Dialogue speech recognition method using syntactic rules based on subtrees and preterminal bigrams 15106
Takezawa, T. *see* Morimoto, T. 4618
Takezoe, N., Yokotani, A., Kurosawa, K., Sasaki, W., Igarashi, T., Matsuno, H., Yoshida, K., Sasaki, T. Photo-etching of polymers using a dielectric barrier discharge Xe excimer lamp 10963
Takhovrebov, A.M. *see* Karuzakii, A.L. 31493
Takhtamirov, E.E., Volkov, V.A. Envelope-function method for the conduction band in graded heterostructures 42089
Taki, H. *see* Takahara, J. 55276
Taki, K., Isshiki, W., Okada, A., Hatta, T., Katada, T., Tamura, H., Toya, T., Tanaka, Y., Kariya, H., Mukai, H., Okamoto, T., Sakate, T. Voice recognition technology and application 27433
Taki, K., Lee, B.-Y., Tanaka, H., Konishi, K. Super low power 8-bit CPU with pass-transistor logic 41260
Taki, M., Watanabe, S., Nojima, T. FDTD analysis of electromagnetic interaction between portable telephone and human head 6501
Taki, M. *see* Wake, K. 8180
Taki, T., Koukitu, A. Atomic layer epitaxy of GaAs using GaBr and GaI sources 52701
Taki, T. *see* Koukitu, A. 40362
Taki, T. *see* Koukitu, A. 52695
Takigawa, A., Nishikawa, Y., Kubota, H., Ogata, Y., Matsumoto, M., Kanamori, H. Effects of anti-scatter grids on X-ray spectrum and radiographic contrast 28166
Takigawa, K., Hamada, A., Kawasaki, K., Ariyoshi, H. Analysis of stability control of a power system with a distributed constant circuit model 60264
Takigawa, K., Kobayashi, H. A development of effective test method on storage batteries for PV application 38954
Takigawa, K. *see* Kobayashi, H. 38647
Takigawa, M. *see* Kumar, S. 43781
Takigawa, M. *see* Tateno, Y. 1709
Takigawa, S. *see* Nagai, H. 36323
Takigawa, T. *see* Takamatsu, J. 32262
Takiguchi, K., Jinguji, K., Okamoto, K., Ohmori, Y. Variable group-delay dispersion equalizer using lattice-form programmable optical filter on planar lightwave circuit 47947
Takiguchi, K., Kawanishi, S., Takara, H., Kamatani, O., Uchiyama, K., Himeno, A., Jinguji, K. Dispersion slope equalising experiment using planar lightwave circuit for 200 Gbit/s time-division-multiplexed transmission 6716
Takiguchi, M. *see* Sugawara, N. 48840
Takiguchi, T., Itagaki, T., Takemi, M., Takemoto, A., Miyazaki, Y., Shibata, K., Hisa, Y., Goto, K., Mihashi, Y., Takamiya, S., Aiga, M. Selective-area MOCVD growth for 1.3 μm laser diodes with a monolithically integrated waveguide lens 52656
Takiguchi, T., Nakamura, S., Shikano, K. Hands-free speech recognition by HMM composition in noisy reverberant environments 15105
Takiguchi, T. *see* Ishimura, E. 26840
Takiguchi, T. *see* Nakamura, S. 15127
Takiguchi, T. *see* Takemoto, A. 26908
Takiguchi, T. *see* Watanabe, H. 17067
Takiguchi, T. *see* Watanabe, H. 58285
Takii, T. *see* Tomimasu, T. 33583
Takikawa, K., Gonda, A., Fukutome, H. Video sequence structuring 4963
Takikawa, K. *see* Hara, K. 37400
Takimoto, J., Minagawa, K., Koyama, K. Numerical study of the response time of ER suspensions 978
Takimoto, S. *see* Sato, K. 57825
Takimoto, Y. *see* Ohata, K. 21958
Takine, T. *see* Cavendish, D. 46598
Takine, T. *see* Kamigata, T. 41199
Takine, T. *see* Kinoshita, K. 47356
Takine, T. *see* Shimonishi, H. 5710
Takino, H. *see* Nemoto, K. 3945
Takino, H. *see* Nemoto, K. 33604
Takino, H. *see* Nemoto, K. 55803
Takino, K. *see* Kawamoto, S. 28790
Takita, W. *see* Spinelli, G. 35592
Takita, W. *see* Spinelli, G. 46934
Takita, Y. *see* Hiei, Y. 29628
Takita, Y. *see* Ishihara, T. 51530
Takita, Y. *see* Ohkubo, K. 45308
Takito, H. *see* Matsuno, M. 9204
Takiya, T., Terada, Y., Kinoshita, M., Yoshida, H., Okada, A., Endo, H., Maeda, S., Kamiya, Y., Hori, Y. Development of a two-dimensional finder for beam position monitors 27991
Takizawa, H., Kusunose, H., Awamura, N., Miyazaki, K., Ode, T., Awamura, D. Transmittance measurement with interferometer system [photomasks] 22656
Takizawa, H., Shirai, Y., Kuno, Y., Miura, J. Recognition of intersection scene by attentive observation for a mobile robot 35314
Takizawa, H. *see* Fujita, H. 22657
Takizawa, H. *see* Kobayashi, K. 22598
Takizawa, H. *see* Kusunose, H. 22685
Takizawa, H. *see* Okada, S. 37024
Takizawa, H. *see* Seino, H. 20159
Takizawa, K. *see* Shinohara, H. 59402
Takizawa, M., Sasahara, K., Mori, I. Development of single point-inner lead bonding technology using gold ball bumps 12016
Takizawa, M., Tanimot, Y., Sekiya, Y., Morita, T., Sugiyama, S., Ohashi, Y., Hosokawa, T. Breakdown characteristics in the gap with a small arc current in SF_6 gas 38913
Takizawa, M. *see* Hayashibe, R. 59440
Takizawa, M. *see* Higaki, H. 57653
Takizawa, M. *see* Torii, A. 16634
Takizawa, M. *see* Yoshida, T. 6073
Takizawa, T., Uchino, A., Arai, S. Proposal of semiconductor directional-coupler-type all-optical switch with tapered-waveguide structures 55840
Takizawa, T., Uchino, A., Shimizu, T., Takeuchi, Y., Arai, S. Switching operation of GaInAs/InP multiple-quantum-well directional-coupler-type all-optical switch 44075
Takizawa, T. *see* Matsushita, H. 10650
Takizawa, T. *see* Naganuma, Y. 7608
Takizawa, T. *see* Nawa, M. 17802
Takizawa, Y. *see* Fukasawa, A. 6588
Takken, T. *see* Pease, R.F. 32244
Takorabet, N. *see* Laporte, B. 51052
Takoudis, C. *see* Chen, S. 30770
Takoudis, C.G. *see* Gaynor, W. 10729
Takoudis, C.G. *see* I-Ming Lee 52610
Takoudis, C.G. *see* Wei-Chung Wang 40427
Takubo, C., Hirano, N., Doi, K., Tazawa, H., Hosomi, E., Hiruta, Y. Eutectic solder flip chip technology for chip scale package 20939
Takuchi, Y. *see* Qing Mao 39374
Takuma, H. *see* Sasaki, A. 13961
Takuma, T. Fundamentals of gas insulation and gas insulated equipment 9145
Takuma, T., Kawamoto, T. Recent developments in electric field calculation 44866
Takuma, T. *see* Kakimoto, N. 8830
Takuma, T. *see* Kakimoto, N. 60230
Takuma, T. *see* Yamamoto, O. 28921
Takuma, T. *see* Yashima, M. 8902
Takumi, K. *see* Takeda, H. 29012
Takumi, T. *see* Neda, T. 17262
Takumi, Y. *see* Nishida, S. 28068
Takura, A., Sera, T., Ohta, T. Protocol synthesis from rule-based communications service specifications 35495
Takura, A., Ueda, Y., Haizuka, T., Ohta, T. Requirements acquisition of communications services 5926
Takura, T. *see* Yabuuchi, Y. 9279
Takushima, Y., Yamashita, S., Kikuchi, K., Hotate, K. Single-frequency and polarization-stable oscillation of Fabry-Perot fiber laser using a nonpolarization-maintaining fiber and an intracavity etalon 3717
Takyiu Liu *see* Meneghesso, G. 43152
Tal, A. *see* Barequet, G. 15573
Tal Zhang Qing *see* Zhang Qing Tal
Talaat, H., Elissa, L., Negm, S., Burstein, E. Photomodulation Raman scattering spectroscopy of ZnSe/GaAs heterostructure interface 2117
Talaat, H.E.A. *see* Sharaf, A.M. 19388
Talaat, M.E. Optimum designs of closed-cycle magnetoplasmadynamic (MPD) generator ducts 20058
Talagrand, O. *see* Hoang, H.S. 45821
Talahmeh, S., Siy, P. Enhancing Mersenne transforms by RNS with application to discrete convolution 56433
Talaie, A. Conducting polymer based pH detector: a new outlook to pH sensing technology 48996
Talaie, A., Boger, Z., Romagnoli, J.A., Adeloju, S.B., Yuan, Y.J. Data acquisition, signal processing and modelling: a study of a conducting polypyrrole formate biosensor. Pt. 1. Batch experiment 48701
Talaie, A., Esmaili, M., Talaie, F. Smart pH sensing using new instrumentation: a pattern recognition experiment 17322
Talaie, A., Romagnoli, J.A. Application of artificial neural networks to the real-time operation of conducting polymer sensors: a pattern recognition approach 36477
Talaie, A., Romagnoli, J.A. An integrated artificial neural network/polymer-based pH sensor: a new engineering perspective to conducting polymer technology 36521
Talaie, F. *see* Talaie, A. 17322
Talalakin, G.N. *see* Zotova, N.V. 44465
Talaluev, A. *see* Vashchuk, T. 37864
Talanov, V.I. *see* Gromov, E.M. 45172
Talat, M.H. *see* Aziz, M.E.A. 59186
Talay, D. *see* Bossy, M. 40240
Talayev, S.A. *see* Kussul, E.M. 23037
Talbi, E.-G., Bessiere, P., Ahnactzin, J., Mazer, E. A parallel genetic algorithm for optimization 470
Talbot, D. Low-cost SNA receiver measures across a 70-dB range 48396
Talbot, H. *see* Van Droogenbroeck, M. 35033
Talbot, J. *see* Pasmore, T.A. 43546
Talbot, J.B. *see* Russ, B.E. 13827
Talbot, J.B. *see* Sasaki, K.Y. 30849
Talbot, R.J., Jr. System engineering for image and video systems 48221
Talbot, V.M. *see* Somasiri, N.L.D. 24351
Taleb, M., Ahmed-Zaid, S., Price, W.W. Induction machine models near voltage collapse 60724
Taleb-Ibrahimi, A. *see* Aristov, V.Yu. 2238
Taleb-Ibrahimi, A. *see* Marsi, M. 31782
Talenti, D. *see* Carlson, D.E. 39124
Taleski, R., Rajicic, D. Distribution network reconfiguration for energy loss reduction 50530
Talhami, H. *see* Le-Tien, T. 26969
Talhami, H. *see* Le-Tien, T. 26970
Talhami, H. *see* Le-Tien, T. 45725
Talhami, H. *see* Le-Tien, T. 45796
Talhami, I. *see* Hogg, T. 46147
Talin, A.A., Pan, L.S., McCarty, K.F., Felter, T.E., Doerr, H.J., Bunshah, R.F. The relationship between the spatially resolved field emission characteristics and the Raman spectra of a nanocrystalline diamond cold cathode 12073
Talin, A.A. *see* Chakhovskoi, A.G. 55407
Talin, A.A. *see* Feiler, D. 30791
Talin, A.A. *see* Morgan, B.A. 22435
Talin, B. *see* Benredjem, D. 13913
Talipov, N.K., Ovsyuk, V.N., Remesnik, V.G., Vasilyev, V.V. Electrical activation of boron implanted in p-$Cd_xHg_{1-x}Te$ (x=0.22) by low-temperature annealing under an anodic oxide 32147

Talipov, N.K. *see* Vasilyev, V.V. 36550
Talipov, N.Kh. *see* Ovsyuk, V.N. 17374
Talke, F. *see* Swain, R. 43673
Talkhan, I.E. *see* Saad, E.M. 58637
Talla, R. *see* Maly, K. 39623
Tallant, D.R. *see* Warren, W.L. 3590
Tallant, D.R. *see* Warren, W.L. 44227
Tallarida, G., Migliorato, P., Quinn, M., Reita, C. Thermal and field-induced generation mechanisms in polysilicon thin film transistors: a comparison between n-channel and p-channel devices 12984
Tallarida, G. *see* Colalongo, L. 54628
Tallent, J.R. *see* Stuart, J.A. 3342
Tallents, G.J. *see* Behjat, A. 23738
Tallents, G.J. *see* MacPhee, A.G. 13967
Tallerico, P. *see* Lawrence, G. 49177
Tallerico, P. *see* Lynch, M.T. 49171
Tallerico, P. *see* Wangler, T.P. 49188
Tallerico, P.J., Lynch, M.T., Lawrence, G. Reliability and availability considerations in the RF systems of ATW-class accelerators 7712
Tallerico, P.J. *see* Lynch, M.T. 7709
Tallerico, T. *see* Jia, L.X. 49162
Tallet, A. *see* Le Berre, M. 14213
Talley, T., Jeffay, K. A general framework for continuous media transmission control 57971
Tallim, P. Standards and networking options to support EDI: a North American perspective 47135
Tallini, G. Combinatorial problems in infinite spaces 464
Tallman, K. *see* Subbanna, S. 41161
Tallone, F. *see* Buscaglia, F. 47626
Talluri, R., Oehler, K., Barmon, T., Courtney, J.D., Das, A., Liao, J. A robust, scalable, object-based video compression technique for very low bit-rate coding 35194
Talluri, T. *see* Evangelisti, A. 37791
Talman, R. Colliding beams in a Mobius accelerator 17902
Talmor, M., Arueti, S. Reliability prediction: the turn-over point 52351
Talneau, A., Ougier, C., Delorme, F., Slempkes, S. Multiwavelength grating reflectors for widely tunable laser 24290
Talneau, A., Slempkes, S., Ougazzaden, A. Constant output power and low linewidth in a simple wide tuning DFB laser with multiwavelength grating 55614
Talon, R. *see* Vernat-Rossi, V. 48708
Talone, P. *see* Davoli, F. 20444
Talone, P. *see* Russo, G. 15646
Talsma, D. *see* Solka, J.L. 60175
Talts, J. *see* Raamat, R. 28063
Talucci, F. *see* Camarda, P. 58146
Talukdar, D., Sridhar, R. An analytical approach to fine tuning in CMOS wave-pipelining 11396
Talukder, A. *see* Casasent, D. 5452
Talukder, M.O.G. *see* Clare, B.W. 31880
Talvitie, H., Pietilainen, A., Ludvigsen, H., Ikonen, E. Passive frequency and intensity stabilization of extended-cavity diode lasers 33514
Talvitie, J.J. *see* Glisic, S.G. 16593
Talwar, S., Paulraj, A. Blind separation of synchronous co-channel digital signals using an antenna array. II. Performance analysis 47595
Talwar, S. *see* Ayanoglu, E. 47087
Talwar, S. *see* Ayanoglu, E. 57958
Talwar, S. *see* van der Veen, A.-J. 25001
Talyshev, A.A. *see* Baru, S.E. 37227
Talyzin, A.N. *see* Barkhudaryan, A.V. 59127
Tam, A.C. *see* Xiang Zhang 20872
Tam, D. 1200 V gate drive IC cuts component count and board space for three-phase motor drive inverters 61153
Tam, D. *see* Li, S.T. 47609
Tam, D.C. *see* Zouridakis, G. 37798
Tam, F. *see* Fujimori, I. 41269
Tam, G. *see* Bonda, R. 221
Tam, I.M.-C., Farber, D.J. CapNet – shared memory distributed computing over wide area high-speed networks 47309
Tam, P.K.S. *see* Wong, L.K. 60926
Tam, R., Vuong, S. Practical considerations on ATM performance (condensed) 47482
Tam, S. *see* Qing Zhu 30216
Tam, S.C. *see* Chen, Y.H. 32329
Tam, S.M., Cheung, K.C. A sensor for parts inspection 39869
Tam, W.Y. Weighted Haar wavelet-like basis for scattering problems 14582
Tam, W.Y., Krumpholz, M., Katehi, L.P.B. Comments on "New prospects for time domain analysis" [and reply] 613
Tam, W.Y. *see* Poon, Y.W. 34334
Tam, W.Y. *see* Shen, G.Q. 34406
Tam, Y. *see* Chisholm, W.A. 8927
Tam Hwayaw *see* Hwayaw Tam
Tam Ledinh Chon *see* Chon Tam Ledinh
Tamada, H., Doumuki, T., Yamaguchi, T., Matsumoto, S. Al wire-grid polarizer using the s-polarization resonance effect at the 0.8-μm-wavelength band 55293
Tamada, J. *see* Munaka, T. 57938
Tamada, N. *see* Kaiho, K. 55074
Tamadoni, R. *see* Watson, J. 17586
Tamagawa, Y., Tajime, T. Dual-band optical systems with a projective athermal chart: design 36654
Tamagawa, Y. *see* Akiyama, T. 25520
Tamagawa, Y. *see* Emi, K. 7794
Tamai, K. *see* Aulchenko, V.M. 37247
Tamai, K. *see* Ohshima, Y. 18083
Tamai, S. *see* Okayama, H. 29415
Tamai, S. *see* Okuda, Y. 52298
Tamai, T., Hayashi, T., Sawada, S., Nakamura, T., Ohsaki, H. Growth law of oxide film formed on copper contact surface and acceleration factor of thermal oxidation for contact reliability 22000
Tamai, T., Nishigai, M., Yoshimura, H. Integrated Access Control System 27174
Tamai, T., Ohsaki, H. Remarkable improvement in contact resistance property of the Ag-Pd alloy with oxide film by doping agents 11813
Tamai, Y. *see* Aharoni, H. 31941
Tamai, Y. *see* Miyaso, H. 16479
Tamai, Y. *see* Nakada, A. 32157
Tamaka, T. *see* Kim, B.C. 35639
Tamakashi, K. *see* Yamanouchi, T. 11117
Tamaki, E., Yamagata, Y. A 1000 kV transformer 51075
Tamaki, J. *see* Yamaura, H. 36758
Tamaki, J. *see* Yamazoe, N. 17579
Tamaki, K., Matsuoka, Y., Uno, M., Kawano, T. Wavelet transform-based signal waveform discrimination for inspection of rotating machinery 29209
Tamaki, M. *see* Oda, M. 1010
Tamaki, N., Onodera, A., Sawada, T., Yamashita, H. Measurements of D-E hysteresis loop and ferroelectric activity in piezoelectric Li-doped ZnO 23182
Tamaki, N. *see* Onodera, A. 2941
Tamaki, N. *see* Yonekura, Y. 59475
Tamaki, S. *see* Kinjo, H. 56513
Tamaki, T. *see* Terayama, K. 48421
Tamaki, Y. *see* Hashimoto, T. 22530
Tamaki, Y. *see* Isomae, S. 42514
Tamakoshi, D. *see* Maehata, H. 55979
Tamamaki, H. *see* Sano, K. 10887
Tamamoto, H. *see* Nakamura, I. 38805
Tamamoto, H. *see* Wen Xiaoqing 21653
Tamamoto, H. *see* Xiaoqing, W. 11412
Tamamoto, H. *see* Yokoyama, H. 11410
Tamamura, K. *see* Tsukamoto, H. 42379
Tamamura, T. *see* Ishii, T. 42807
Tamamura, T. *see* Ishii, T. 42821
Tamamura, T. *see* Ozawa, A. 49362
Tamamura, T. *see* Temmyo, J. 23913
Tamamura, T. *see* Temmyo, J. 55696
Tamano, T. *see* Aota, T. 49366
Tamano, T. *see* Cho, T. 37568
Tamano, T. *see* Oyama, N. 36866
Tamano, T. *see* Tokuzawa, T. 36863
Tamaoki, H. *see* Mizohata, S. 58572
Tamaoki, M. *see* Shimazaki, A. 43203
Tamara, H. *see* Prokopets, A.G. 59278
Tamarapalli, N., Rajski, J. Constructive multi-phase test point insertion for scan-based BIST 41021
Tamargo, M. *see* Weinstein, B.A. 22231
Tamargo, M.C., Cavus, A., Linfei Zeng, Ning Dai, Bambha, N., Gray, A., Semendy, F., Krystek, W., Pollak, F.H. Molecular beam epitaxial growth of lattice-matched wide bandgap II-VI alloys and heterostructures on InP substrates 21243
Tamargo, M.C. *see* Shum, K. 12363
Tamargo, M.C. *see* Snoeks, E. 52685
Tamargo, M.C. *see* Yongming Guo 44453
Tamari, Y. Custom silicon photodiodes offer design flexibility 33273
Tamaru, H. *see* Sawada, Y. 2339
Tamaru, K. *see* Hirata, A. 11295
Tamaru, K. *see* Kobayashi, K. 41261
Tamaru, K. *see* Kondo, M. 32416
Tamaru, K. *see* Kondo, M. 41265
Tamaru, K. *see* Kondo, M. 41275
Tamaru, K. *see* Moshnyaga, V.G. 2789
Tamaru, K. *see* Moshnyaga, V.G. 13065
Tamaru, K. *see* Okada, K. 13067
Tamasaku, K. *see* Kohmura, Y. 37066
Tamasevicius, A., Cenys, A. Synchronizing hyperchaos with a single variable 34585
Tamasevicius, A., Cenys, A., Mykolaitis, G. Driving nonlinear resonator with hyperchaotic signals 1160
Tamasevicuius, A., Cenys, A., Mykolaitis, G., Namajunas, A., Lindberg, E. Hyperchaotic oscillator with gyrators 40954
Tamayo, J. *see* Utzmeier, T. 733
Tambini, A. *see* Haseroth, H. 49278
Tambini, A.J. *see* Bourgeois, M. 49273
Tambini, J. *see* Collier, J. 18076
Tambo, T. *see* Inamori, M. 41524
Tambo, T. *see* Izumi, T. 795
Tambo, T. *see* Mori, M. 794
Tambo, T. *see* Motoyoshi, K. 40928
Tambo, T. *see* Nishiwaki, H. 30761
Tambosso, T. *see* Vespasiano, G. 3721
Tamburino, L.A. *see* Zmuda, M.A. 5492
Tamburrini, M. *see* Burkhard, H. 23955
Tamburrino, A. *see* Pierri, R. 8371
Tamby, J. *see* Mansour, Y. 60313
Tamechika, M. *see* Fukae, K. 39161
Tamendarov, M.F. *see* Kikkarin, S.M. 54028
Tamer, O. *see* Zumray, D. 7972
Tamesada, T. *see* Hashizume, M. 11411
Tamesada, T. *see* Kuchii, T. 53134
Tamez-Pena, J.G., Chen, C.W., Parker, K.J. A local force model for cardiac dynamics analysis based on CT volumetric image sequences 59529
Tami, A. *see* Bradley, K.J. 29333
Tamil, L.S. *see* Jordan, A.K. 13679
Tamir, A. *see* Granot, F. 30518
Tamir, S., Berger, S., Rabinovich, K. Optical properties, microstructure and composition of Si_xN_{1-x} prepared at low temperatures by laser induced CVD 896
Tamir, T. *see* Ho, K.C. 33067
Tamir, T. *see* Shuzhang Zhang 23520
Tamiya, N. *see* Fukae, T. 27918
Tamiya, Y. Delay estimation for technology independent synthesis 41070
Tamiya, Y. *see* Kojima, T. 51504
Tamm, C., Engelke, D. Optical frequency standard investigations on trapped $^{171}Yb^+$ 7142
Tamma, K.K. *see* Mix, D.E. 30254
Tamma, K.K. *see* Mohan, R.V. 8225
Tammela, S., Ludvigsen, H., Kajava, T., Kaivola, M. Time-resolved frequency chirp measurement using a silicon-wafer etalon 44615
Tammemae, K., O'Nils, M., Hemani, A. Flexible codesign target architecture for early prototyping of CMIST systems 11424
Tammer, CHR. *see* Henkel, E.-C. 10339
Tammet, H., Israelsson, S., Knudsen, E., Tuomi, T.J. Effective area of a horizontal long-wire antenna collecting the atmospheric electric vertical current 50066
Tamney, F.K., Jr. *see* Mulholland, J.E. 6696
Tamoshiuniene, M. *see* Burneika, I. 45304
Tamoshiuniene, M. *see* Knishevskaya, L. 14665
Tamoto, M. *see* Kawabata, T. 14894
Tamulaitis, G., Buracas, S., Martinov, V.P., Ryzhikov, V.D., Gutbrod, H.H., Manko, V.I. Photoluminescence of $PbWO_4$ single crystals 3589
Tamulevicius, S., Pozela, I., Andrulevicius, M. A simple model of radiation swelling of silicon 12144
Tamura, A. *see* Ishida, I. 41497
Tamura, A. *see* Kitagawa, M. 21989
Tamura, A. *see* Tanabe, M. 2700
Tamura, H., Hashimoto, Y., Ito, K. Thickness dependence of coloration of anodic tungsten oxide films for hydrogen detection 13542
Tamura, H., Imagawa, S., Nishimura, A., Yamamoto, J., Shindo, Y. Mechanics of a composite structure of GFRP insulators and superconductors with a gap [for LHD] 55130
Tamura, H., Saitou, Y., Masuo, Y., Sato, H. DC 1500V molded disconnecters 61281
Tamura, H., Sengoku, M., Shinoda, S. New applications of computational geometry and graph theory to cellular mobile communications 58182
Tamura, H., Sugawara, H., Sengoku, M., Shinoda, S. On a generalization of a covering problem on undirected flow networks 57919
Tamura, H., Ueda, M. Effects of disorder and electron-electron interactions on orbital magnetism in quantum dots 12450
Tamura, H. *see* Choi, S. 57972
Tamura, H. *see* Fujiki, M. 56919
Tamura, H. *see* Gotoh, K. 1398
Tamura, H. *see* Hatanaka, K. 37195
Tamura, H. *see* Kusakabe, C. 2987
Tamura, H. *see* Nakasugi, T. 32316
Tamura, H. *see* Saito, M. 1397
Tamura, H. *see* Shibuya, Y. 58584
Tamura, H. *see* Taki, K. 27433
Tamura, H. *see* Watanabe, K. 52504
Tamura, H. *see* Yoshida, C. 12349
Tamura, I. *see* Miyamoto, K. 43278
Tamura, K., Nakazawa, M. Pulse energy equalization in harmonically FM mode-locked lasers with slow gain 14010
Tamura, K., Nakazawa, M. Dispersion-tuned harmonically mode-locked fiber ring laser for self-synchronization to an external clock 33401
Tamura, K. *see* Izumi, T. 29309
Tamura, K. *see* Izumi, T. 60595
Tamura, K. *see* Kotera, M. 31727
Tamura, K. *see* Noumi, H. 37073
Tamura, K. *see* Sawada, M. 38537
Tamura, K. *see* Yoshida, E. 33429
Tamura, M. *see* Horiuchi, M. 43052
Tamura, M. *see* Okuno, Y. 31965
Tamura, M. *see* Yoshitake, M. 51542
Tamura, N. *see* Antos, J. 37373
Tamura, N. *see* DeWitt, J. 59243
Tamura, N. *see* Ohsugi, T. 37385
Tamura, N. *see* Ohsugi, T. 37392
Tamura, N. *see* Sadrozinski, H.F.W. 37399
Tamura, N. *see* Terada, S. 37391
Tamura, N. *see* Unno, Y. 37395
Tamura, S. *see* Kubota, T. 49428
Tamura, S. *see* Nakajima, Y. 25725
Tamura, S. *see* Nogawa, H. 25624
Tamura, S. *see* Otawa, H. 7946
Tamura, S. *see* Sato, Y. 49484
Tamura, S. *see* Sato, Y. 49504
Tamura, S. *see* Yen-Wei Chen 15560
Tamura, S. *see* Yen-Wei Chen 15570
Tamura, S. *see* Zoroofi, R.A. 18268
Tamura, S. *see* Zoroofi, R.A. 59461
Tamura, T., Bouchon, D., Fournier, P., Moriizumi, K., Tanaka, K., Kyuma, K. High speed electron beam data verification system using high performance neural network accelerator board 32485
Tamura, T., Gohda, Y. A psychometric scale of TFT/LCDs with a few defecting sub-pixels 58920
Tamura, T. *see* Kojima, Y. 38010
Tamura, T. *see* Kurisu, M. 26417
Tamura, T. *see* Togawa, T. 18188

Tamura, T. *see* Tsujino, J. 18964
Tamura, T. *see* Tsukahara, M. 59277
Tamura, T. *see* Yamashita, H. 32261
Tamura, Y., Makioka, H., Mita, K. Network management system 7083
Tamura, Y., Nishimoto, N., Katou, S., Kamiyama, M., Usami, K., Matsuno, J. Home terminal controller and home terminal 7084
Tamura, Y., Seyama, S., Kajihara, T., Arai, S., Niwaya, H., Kobayashi, A. Broadcasting service system for cable television 7086
Tamura, Y. *see* Kina, H. 12244
Tamura, Y. *see* Kina, H. 33284
Tamura, Y. *see* Ohsuka, S. 31723
Tamurab, K. *see* Namiki, S. 23773
Tan, A.C., Sheng-Tsai Chen, Basu, S. Image filtering using hyperstable adaptive algorithms 57409
Tan, A.H.H. SUPER PON–a fiber to the home cable network for CATV and POTS/ISDN/VOD as economical as a coaxial cable network 36097
Tan, B.D. *see* Yun, Z.Q. 44867
Tan, B.D. *see* Yun, Z.Q. 44926
Tan, B.T.G. *see* Kwok-Chiang Ho 25127
Tan, C.K. *see* Ng, W.S. 28390
Tan, D. *see* Zheng, J.-Z. 41144
Tan, D.G.H. *see* Murch, R.D. 35063
Tan, E.C., Ho, M.H. Enhancing matrix method to detect logic hazards 53108
Tan, E.H.L. *see* Stuart, J.A. 3342
Tan, F.L., Tay, S.N. Energy monitoring software for a manufacturing plant 51896
Tan, G.A. *see* Khong, Y.L. 12578
Tan, G.L. *see* Sargent, E.H. 55624
Tan, G.L. *see* Xu, M.L. 3829
Tan, G.S. *see* Khong, Y.L. 12578
Tan, H. *see* Wietfeldt, R.D. 17009
Tan, H.H., Williams, J.S., Jagadish, C., Burke, P.T., Gal, M. Irradiation-induced damage and intermixing of GaAs-AlGaAs quantum wells 12513
Tan, H.H., Williams, J.S., Yuan, C., Pearton, S.J. Ion damage and annealing of epitaxial gallium nitride and comparison with GaAs/AlGaAs materials 12675
Tan, H.H. *see* Korona, K.P. 12232
Tan, H.S. *see* Hui, P. 52289
Tan, H.S. *see* Pan, J.S. 12772
Tan, H.S. *see* Pan, J.S. 32150
Tan, H.S. *see* Tang, X.Y. 47977
Tan, I.-H. *see* Sun, C.-K. 58357
Tan, I.H. *see* Moon-Ho Park 42252
Tan, J., Das, M.K., Cooper, J.A., Jr., Mellocha, M.R. Metal-oxide-semiconductor capacitors formed by oxidation of polycrystalline silicon on SiC 54433
Tan, J., Sanchez, M., Liang, C. Efficient buffering techniques for deflection routing in high speed networks 46834
Tan, J., Thurai, M. Calculations of rain-induced cross-polarisation on line-of-sight systems at 38 GHz 35919
Tan, J., Thurai, M. Rain-induced crosspolarisation on line-of-sight systems at 38 GHz 45135
Tan, J. *see* Plate, C. 57574
Tan, J. *see* Xu, N.S. 43443
Tan, J.-K. *see* Chan Fang Khoon 57644
Tan, J.N., Bollinger, J.J., Itano, W.M., Wineland, D.J. Minimizing time dilation in Penning trap ion clocks 48324
Tan, J.N. *see* Wineland, D.J. 48291
Tan, K. *see* Qiu, L. 50343
Tan, K.-H. *see* Zhen, J.L. 35755
Tan, K.B. *see* Bult, K. 17268
Tan, K.L. *see* Lin, E.W. 31151
Tan, K.L. *see* Pan, J.S. 12772
Tan, K.L. *see* Pan, J.S. 32150
Tan, K.L. *see* Wee, A.T.S. 2449
Tan, K.P.S., El-Shimi, A., Edris, A., Zhang, Y., Yang, C.Y., Biunno, N. High frequency characteristics of annular buried resistors in printed circuit boards 22018
Tan, K.S. *see* Wong, B.S. 52914
Tan, K.S. *see* Ying, J.L. 27355
Tan, K.Y.N. *see* Walsworth, R.L. 44324
Tan, L., Zhang, Q.T. A reservation random-access protocol for voice/data integrated spread-spectrum multiple-access systems 16586
Tan, L.J. *see* Yeo, S.P. 53541
Tan, L.K. *see* Lim, L.C. 683
Tan, L.S., McMahon, R.A. A study of the operation of a class E amplifier at 13.56 MHz 9329
Tan, M., Chen, C.M., Lin, F.W. Characteristics of two spherical ^{3}He proportional counters 18090
Tan, M., Lafond, C.V. PERFEX: a cellular performance support expert 47714
Tan, M.A. *see* Celik, M. 11159
Tan, M.K.S. *see* Sim, T.Y. 27238
Tan, M.R. *see* Hahn, K.H. 47336
Tan, N.X., Lim, K.H.H., Bourdillon, A.J. Analysis of coatings which inhibit epoxy bleeding in electronic packaging 52242
Tan, O. *see* Tsuruta, K. 23199
Tan, Q., Akimoto, M. Fuzzy matching for robot localization 35212
Tan, Q., Zhou, M., Li, J., Yao, D. A brief overview of current TV set-top box developments 27155
Tan, Q. *see* Vetter, P.J. 13603
Tan, Q.M., Petrenko, A., von Bochmann, G. A test generation tool for specifications in the form of state machines 7167
Tan, R.R. How productive is automation investment? Evidence and results from the manufacturing sector in Taiwan 120
Tan, S. *see* He, G. 19768
Tan, S. *see* Lemma, A.N. 25175
Tan, S. *see* Yi Yu 1105
Tan, S. *see* Yu, Y. 25270
Tan, S.-M. *see* Liao, W.S. 6178
Tan, S.H. *see* Tjhung, T.T. 45520
Tan, T. *see* Sopori, B.L. 39020
Tan, T.-S. Optimal triangulation problems 449
Tan, T.N. Recovering 3D bilateral symmetric objects from a single perspective view 5215
Tan, T.N. *see* Said, H. 24852
Tan, T.S., Kocot, C., Strazincky, J., Amistoso, M., Craig, G., Kaneshiro, R. A micro flip chip process for high speed optoelectronic components 27568
Tan, T.Y. *see* Schroer, E. 22211
Tan, T.Y. *see* Tong, Q.-Y. 12801
Tan, W., Chan, E., Zalchor, A. Real time software implementation of scalable video codec 58048
Tan, W., Steinman, A. Solving static related problems in packaging, marking, and test 14517
Tan, W. *see* Campbell, R.W. 40692
Tan, W. *see* Liu, L. 54510
Tan, W. *see* Shi, Z.L. 16532
Tan, Y. *see* Ao, P. 23407
Tan, Y. *see* Baoping Wang 41785
Tan, Y.-P. *see* Zeng, W. 46210
Tan, Z. *see* Liu, H. 46037
Tan, Z.S. *see* Cook, B.A. 31917
Tan Bangding *see* Huang Jian 44946
Tan Changhua *see* He Yandong 2284
Tan Changhua *see* Changhua Tan
Tan Check Meng *see* Check Meng Tan
Tan Chu *see* McMillian, G. 31309
Tan Fu Lei *see* Cheng Tung Huang 43331
Tan Fu Lei *see* Chien Kuo Yang 2676
Tan Fu Lei *see* Hsiao-Yi Lin 22803
Tan Fu Lei *see* Hsiao-Yi Lin 36513
Tan Fu Lei *see* Juing-Yi Chang 54422
Tan Fu Lei *see* Juing-Yi Cheng 42510
Tan Fu Lei *see* Shye Lin Wu 22551
Tan Fu Lei *see* Tien Sheng Chao 32391
Tan Geok-Leong *see* Geok-Leong Tan
Tan Guo-Long *see* Guo-Long Tan
Tan Hark Hoe *see* Hark Hoe Tan
Tan Hong *see* Yang Mau 58469
Tan Huimin *see* Hu Changzhen 45979
Tan Huimin *see* Hu Changzhen 45980
Tan Jichun Laser-cavity mirror incorporated with photoconductive switch and an energy storage capacitor on a GaAs wafer 3942
Tan Jichun, Du Shaojun, Liu Shaobo GaAs laser array with nanosecond pulse width 24010
Tan Jie *see* Xu Feng 58595
Tan Jun *see* Jun Tan
Tan Kah-Chye *see* Kah-Chye Tan
Tan Kexiong, Zhu Deheng, Wang Zhenyuan, Sun Ren'en Discharge recognition of insulation models of electrical machine using artificial neural networks 29231
Tan Kexiong *see* Li Qiong 29227
Tan Kexiong *see* Zhao Xiushan 17738
Tan Kian-Lee *see* Kian-Lee Tan
Tan Kok Keong Tony, Subramanian, K.R., Cheng Tee Hiang FDDI-ATM internetworking simulation 47198
Tan Li-Zhe *see* Li-Zhe Tan
Tan Liu Yong *see* Yong Tan Liu
Tan Manqing, Lin Yongchang, Zhao Dazun Characteristics of periodic symmetrical multilayer coatings including ultrathin metallic film of n=k and design of a high-reflectivity reflection filter with narrow bandwidth 13794
Tan Manqing *see* Manqing Tan
Tan Ming *see* Ming Tan
Tan Pek-Yen *see* Ishihara, T. 45931
Tan Qi *see* Qi Tan
Tan Qiguang *see* Qiguang Tan
Tan Qimei *see* Liu Jinliang 53983
Tan See-Mong *see* See-Mong Tan
Tan Shaohua *see* Shaohua Tan
Tan Shengbin *see* Zhan Yushu 36580
Tan Song-Sheng *see* Song-Sheng Tan
Tan Suqing *see* Zhou Jin 44161
Tan Swee Ngin *see* Fang Yue 7311
Tan Tan-Hsu *see* Tan-Hsu Tan
Tan Tin Wee *see* Chan Fang Khoon 57644
Tan Weidong *see* Zhang Shudan 2604
Tan Weihan *see* Zhuang Jun 33728
Tan Xiangdong, Tong Jiarong, Tang Pushan A general algorithm for multi-way digital circuit partitioning 1212
Tan Xiaozhou, Lu Zhiyong, Zhou Zhiming, Chang Wenge, Liang Diannong The implementation of a control signal system of imaging guidance radar for missiles based on FPGAs 60165
Tan Xiaozhou *see* Lu Zhiyong 58467
Tan Xilin *see* Li Hui-Jun 53468
Tan Yap-Peng *see* Yap-Peng Tan
Tan Yoke Lin *see* Yoke Lin Tan
Tan Yushan *see* Tian Feng 27909
Tan Yushan *see* Wang Chuangshe 58902
Tan Yushan *see* Wang Jun 27908
Tan Yushan *see* Wang Zhao 27799
Tan Yushan *see* Wang Zhao 48791
Tan Yushan *see* Yue Kaiduan 17823
Tan Zhenbui Study on performance bounds of RS coded hybrid DS-SFH spread spectrum multiple access communications 16057
Tan-Fu Lei *see* Hong-Ming Yang 36539
Tan-Fu Lei *see* Hong-Ming Yang 48494
Tan-Hsu Tan *see* Wen-Whei Chang 24845
Tan-Li Chou, Roy, K. Statistical estimation of combinational and sequential CMOS digital circuit activity considering uncertainty of gate delays 41116
Tan-Li Chou *see* Roy, K. 21547
Tan-Xin Zhang *see* Zhang Tan-Xin
Tan-Yu Lee *see* Mashburn, B. 20680
Tanabe, A., Ashok, S. On the influence of illumination during ion damage defect anneal of silicon 12626
Tanabe, A., Togo, M., Soda, M., Tezuka, H., Suzaki, T., Furakawa, A., Emura, K. High performance CMOS for GHz communication IC 6771
Tanabe, A. *see* Kurisu, M. 26417
Tanabe, A. *see* Togo, M. 2644
Tanabe, A. *see* Yamamoto, T. 1727
Tanabe, H., Seki, Y., Yano, J.-I., Ushioda, J., Ogura, Y. Xe_2 excimer lamp (172 nm) for optical lithography 2478
Tanabe, H. *see* Lucas, K.D. 2550
Tanabe, H. *see* Shibuya, K. 25249
Tanabe, H. *see* Ushioda, J. 32252
Tanabe, H. *see* Yano, J. 54550
Tanabe, J. *see* Katsumata, H. 31930
Tanabe, K. *see* Kato, A. 48952
Tanabe, K. *see* Osaka, T. 36726
Tanabe, K. *see* Shikata, S. 13376
Tanabe, M. Key roles and deployments of OCN services 47107
Tanabe, M., Matsuno, T., Kashiwagi, N., Sakai, H., Inoue, K., Tamura, A. 0.1 μm AlGaAs/InGaAs high electron mobility transistor fabrication by the new method of thinned resist pattern reversed by metal 2700
Tanabe, M. *see* Kiyota, Y. 22768
Tanabe, M. *see* Kondo, M. 41465
Tanabe, M. *see* Ohue, E. 1725
Tanabe, M. *see* Sasai, H. 16756
Tanabe, M. *see* Yamamoto, Y. 7926
Tanabe, N. *see* Hachiya, K. 40834
Tanabe, N. *see* Ishihara, T. 45931
Tanabe, N. *see* Koike, H. 2999
Tanabe, S., Gofuku, E., Itoh, T., Murata, Y., Ozeki, T. 3D-FEM analysis of electromagnetic emission from PCB 41588
Tanabe, S., Nagano, N., Itoh, T., Murata, Y., Mizukawa, S. 3D-FEM analysis for shielding effects of a metallic enclosure with apertures 45197
Tanabe, S. *see* Murata, Y. 13460
Tanabe, T., Nishida, S., Nakada, Y., Matsumoto, S., Onaka, T., Sekiguchi, K., Ono, T., Glass, I.S., Carter, D.B. PANIC (PtSi astronomical near-infrared camera) in South Africa and its astronomical applications 27667
Tanabe, T. *see* Dobashi, H. 44113
Tanabe, T. *see* Kajita, M. 26869
Tanabe, T. *see* Kaminaga, K. 60393
Tanabe, T. *see* Muramatsu, R. 27129
Tanabe, T. *see* Tsuji, Y. 3401
Tanabe, T. *see* Tsuji, Y. 44029
Tanabe, Y. *see* Kitaura, Y. 43121
Tanabe, Y. *see* Sato, H. 44099
Tanabe, Y. *see* Yamamoto, O. 28921
Tanada, S. *see* Murase, K. 28179
Tanaga, T. *see* Bin Yu 12996
Tanagawa, S. *see* Nagasawa, M. 22096
Tanahashi, I. *see* Hayashi, S. 30749
Tanahashi, I. *see* Nishimura, Y. 23389
Tanahashi, S., Yamada, S., Chikaraishi, H., Kitagawa, S., Yamamoto, J., Motojima, O. Reduction method of image number on grounding resistance computation in three layer earth 60424
Tanahashi, T. *see* Domen, K. 41900
Tanahashi, T. *see* Ekawa, M. 52652
Tanahashi, T. *see* Kuramata, A. 21253
Tanahashi, T. *see* Kuramata, A. 31857
Tanaka, A. Infrared detectors for 1 to 6 μm (>1.4 μm: eyesafety region) lasers 36571
Tanaka, A., Matsumoto, S., Tsukamoto, N., Itoh, S., Chiba, K., Endoh, T., Nakazato, A., Okuyama, K., Kumazawa, Y., Hijikawa, M., Gotoh, H., Tanaka, T., Teranishi, N. Infrared focal plane array incorporating silicon IC process compatible bolometer 7402
Tanaka, A., Yoshizawa, M., Abe, K., Takeda, H., Yambe, T., Nitta, S., Abe, Y., Imachi, K. An adaptive control method of total artificial heart based on peripheral vascular resistance 59793
Tanaka, A. *see* Imai, H. 46449
Tanaka, A. *see* Kimura, M. 808
Tanaka, A. *see* Kimura, M. 30790
Tanaka, A. *see* Mukae, K. 2228
Tanaka, A. *see* Mukae, K. 22433
Tanaka, A. *see* Saeki, T. 1385
Tanaka, A. *see* Udono, H. 12247
Tanaka, A. *see* Yoshizawa, M. 59792
Tanaka, A.H. *see* Tokito, S. 44268
Tanaka, C. *see* Hasegawa, T. 8859
Tanaka, D. *see* Suzuki, A. 12294
Tanaka, E. *see* Kato, K. 55911
Tanaka, E. *see* Mori, H. 37762
Tanaka, E. *see* Shaoming Liu 30496
Tanaka, E. *see* Yamamoto, M. 10312

Tanaka, H. Technologies of spoken dialogue processing 45659
Tanaka, H. A comparative study of GA and orthogonal experimental design 56312
Tanaka, H., Ando, A. Correction of emittance modulation by linear coupling 17906
Tanaka, H., Farvacque, L., Laclare, J.L., Nghiem, P., Payet, J., Ropert, A., Tkatchenko, A. Emittance reduction in electron storage rings 17907
Tanaka, H., Iwahori, Y., Ishii, N. Shape recovery simulation of glossy surface from shading images 56713
Tanaka, H., Kato, K., Yamamoto, S., Abe, T., Nakajima, M., Katayama, K., Yamada, N. Robotization of inside inspection of power plant stacks 60525
Tanaka, H., Kirii, H., Fujisawa, N. Development of photo data editor for printed wiring boards 31585
Tanaka, H., Matsushima, K. A performance of trellis coded 256 QAM with bandwidth expansion 45506
Tanaka, H., Murai, K., Ohkubo, K., Ohno, Y., Uchikawa, K., Kobayashi, S. Wide area synchronous paging system 16561
Tanaka, H., Ninomiya, T., Shoyama, M., Zaitsu, T. Novel PWM-controlled resonant converter 51326
Tanaka, H., Sakakibara, K. Performance of type-I hybrid selective-repeat ARQ with finite buffer on fading channels 36060
Tanaka, H., Tabata, H., Kawai, T., Yamazaki, Y., Oki, S., Gohda, S. Controlling factors on the synthesis of $Pb(Zr,Ti_{1-x})O_3$ films 32672
Tanaka, H., Takahashi, G., Okabe, N. Two metal layer tape for TAB ball grid array 20886
Tanaka, H., Yamasaki, T., Hinata, T., Hosono, T. Scattering of electromagnetic waves by inhomogeneous modulated dielectric gratings with periodic surface-relief 56017
Tanaka, H. *see* Ando, A. 7771
Tanaka, H. *see* Guo, P. 40005
Tanaka, H. *see* Hashimoto, E. 41564
Tanaka, H. *see* Hongo, H. 43165
Tanaka, H. *see* Kashino, K. 15154
Tanaka, H. *see* Kosuda, T. 29921
Tanaka, H. *see* Kurata, K. 26914
Tanaka, H. *see* Miyazawa, I. 10303
Tanaka, H. *see* Mizuno, T. 32883
Tanaka, H. *see* Morita, M. 29580
Tanaka, H. *see* Nakadaira, A. 52728
Tanaka, H. *see* Nakagawa, H. 31916
Tanaka, H. *see* Nohara, T. 35597
Tanaka, H. *see* Sakamoto, H. 16649
Tanaka, H. *see* Shoji, Y. 27990
Tanaka, H. *see* Taga, S. 33080
Tanaka, H. *see* Taki, K. 41260
Tanaka, H. *see* Tokizawa, H. 34637
Tanaka, H. *see* Tsumoto, S. 59393
Tanaka, H. *see* Ueki, K. 17788
Tanaka, H. *see* Wada, N. 2939
Tanaka, H. *see* Wada, Y. 22636
Tanaka, H. *see* Watanabe, K. 26211
Tanaka, H. *see* Watanabe, T. 1388
Tanaka, H. *see* Yamanaka, G. 20255
Tanaka, H. *see* Yamasaki, T. 14600
Tanaka, H. *see* Yoshida, K. 15822
Tanaka, H.-A., de Sousa Vieira, M., Lichtenberg, M.A., Lieberman, M.A., Oishi, S. Self-synchronization of second order PLLs in communication networks 5922
Tanaka, H.T., Ikeda, M. Curvature-based face surface recognition using spherical correlation–principal directions for curved object recognition 5636
Tanaka, H.T. *see* Nishimura, K. 5063
Tanaka, I., Koshiba, S., Nakamura, Y., Noge, H., Sakaki, H. Ultra-high-vacuum atomic force microscope study of molecular beam epitaxially grown 10-nm-scale GaAs ridge structures for quantum wire fabrication 52733
Tanaka, I. *see* Erdei, S. 3394
Tanaka, I. *see* Erdei, S. 23479
Tanaka, I. *see* Galambos, L. 3393
Tanaka, I. *see* Koshiba, S. 30773
Tanaka, I. *see* Young-Seog Kang 13247
Tanaka, I.S. *see* Tadakuma, S. 50997
Tanaka, J., Sawada, A. Simulation of a high performance MOSFET with a quantum wire structure incorporating a periodically bent Si-SiO_2 interface 12917
Tanaka, J. *see* Fujita, K. 10169
Tanaka, J. *see* Hagimura, A. 30262
Tanaka, J. *see* Ishihara, T. 47327
Tanaka, J. *see* Kitamura, K. 21222
Tanaka, J. *see* Koike, T. 10172
Tanaka, J. *see* Miyaso, H. 16479
Tanaka, J. *see* Shibagaki, S. 41543
Tanaka, J. *see* Shigetani, H. 40396
Tanaka, J. *see* Shima, K. 320
Tanaka, J.W., Simon, V.B. Caricature recognition in a neural network 46063
Tanaka, K. Recent technical trends and product lineup of TFT active matrix color LCDs 36803
Tanaka, K., Akiyama, K., Saito, M., Usui, S. A data distribution system for satellite use 57942
Tanaka, K., Bonkohara, M., Dohya, A., Shimada, T., Tanioka, M., Kimura, T. A fine-pitch lead-less-chip assembly technology with the built-up PCB 1852
Tanaka, K., Bonkohara, M., Dohya, A., Shimada, T., Tanioka, M., Kimura, T. A fine pitch, lead-less chip assembly technology with the built-up PCB 53838
Tanaka, K., Ichioka, M., Morita, T. Statistical-mechanical algorithm in MRF model based on variational principle 5395
Tanaka, K., Ichioka, M., Morita, T. Statistical-mechanical iterative method in image restoration 25704
Tanaka, K., Ishihara, K., Akiniwa, Y., Ohta, H. Residual stress of aluminum thin films measured by X-ray and curvature methods 10997
Tanaka, K., Ishihara, K., Inoue, K. X-ray residual stress measurement of aluminum thin films with [111] fiber texture 1009
Tanaka, K., Kitamura, K., Yokoi, T., Satoh, T., Takahashi, S. Development of 3D reconstruction system for HEADTOME-V positron emission tomograph 18341
Tanaka, K., Koshigoe, J., Nakajima, Y., Yong Chol Lee, Takano, O. Characteristics of 20 year old iodine cell and compact iodine stabilized laser 33378
Tanaka, K., Kyuma, K. An on-chip parallel processor for neural networks 31424
Tanaka, K., Makiuchi, M.K., Norimatsu, F., Sakurai, C., Yamamoto, N., Miura, K., Yano, M. A corner-illuminated structure PIN photodiode suitable for planar lightwave circuit 55430
Tanaka, K., Nakayama, S.I., Toyosawa, N. The constant-photocurrent method applied to chalcogenide materials 2065
Tanaka, K., Notsu, A., Matsumoto, H. A new approach to mesh generation for complex 3D semiconductor device structures 12867
Tanaka, K., Sakamoto, Y., Shimomura, T. Effect of cost function on computer generated holograms using simulated annealing 33765
Tanaka, K., Sasaki, S., Nakagawa, G., Yamamoto, T., Miura, K., Ogita, S., Yano, M. High optical coupling scheme in LD modules with silicon platform technology 26915
Tanaka, K., Tanaka, M. Guided-mode extracted integral equations: a new method for CAD of open waveguide circuits 45306
Tanaka, K., Tanaka, M., Omoya, T. Boundary integral equations for CAD and simulations of near-field optics 33052
Tanaka, K. *see* Andoh, F. 36704
Tanaka, K. *see* Beals, R. 31186
Tanaka, K. *see* Fukuhisa, T. 44516
Tanaka, K. *see* Ito, S. 49460
Tanaka, K. *see* Kajihara, K. 38965
Tanaka, K. *see* Kanbara, H. 44628
Tanaka, K. *see* Katayama, K. 32476
Tanaka, K. *see* Kato, T. 57999
Tanaka, K. *see* Kawagoe, T. 35621
Tanaka, K. *see* Kawakubo, K. 21648
Tanaka, K. *see* Kawakubo, K. 53128
Tanaka, K. *see* Kimura, K. 22521
Tanaka, K. *see* Minami, K. 22181
Tanaka, K. *see* Miura, K. 3741
Tanaka, K. *see* Miwa, S. 10762
Tanaka, K. *see* Miyanishi, S. 43651
Tanaka, K. *see* Nagao, T. 50303
Tanaka, K. *see* Nakayama, M. 35818
Tanaka, K. *see* Nishio, S. 40635
Tanaka, K. *see* Ogawa, T. 32312
Tanaka, K. *see* Sasaki, S. 243
Tanaka, K. *see* Shima, T. 12445
Tanaka, K. *see* Shima, T. 12652
Tanaka, K. *see* Shima, T. 12696
Tanaka, K. *see* Shima, T. 32123
Tanaka, K. *see* Shimamoto, A. 17438
Tanaka, K. *see* Sugimoto, N. 4025
Tanaka, K. *see* Takemura, K. 18517
Tanaka, K. *see* Tamura, T. 32485
Tanaka, K. *see* Terada, K. 44539
Tanaka, K. *see* Tsukada, H. 14954
Tanaka, K. *see* Wada, Y. 22636
Tanaka, K. *see* Yamasaki, S. 40556
Tanaka, K. *see* Yoshida, N. 32174
Tanaka, K.-I. *see* Kawahigashi, H. 25965
Tanaka, K.H. *see* Noumi, H. 37073
Tanaka, M. Sequentially rotated array consisting of higher order mode antenna elements 34475
Tanaka, M., Arai, Y., Yoshida, K., Kuwazawa, N., Akahane, H., Kasuga, S. MultiSync Display P series 58906
Tanaka, M., Horio, Y., Yamanouchi, K. High performance SAW IF-filters for digital mobile communication systems using new floating-electrode-type SPUDTs 13386
Tanaka, M., Ikegami, M., Imaizumi, M., Shingu, T., Inoue, H. Templates design for high quality digital images by discrete time cellular neural network 35103
Tanaka, M., Matsumoto, Y., Kozono, S., Suzuki, K., Yamamoto, S., Yoshimura, N. On-orbit measurement of phased arrays in satellites by rotating element electric field vector method 34374
Tanaka, M., Okada, K. CDM ESD test considered phenomena of division and reduction of high voltage discharge in the environment 24340
Tanaka, M., Takahashi, C., Inoue, H. Experimental studies on electromagnetic noise from a switching IC on printed circuit board by close-field sensor and 3M method 11850
Tanaka, M., Ugajin, T., Araki, N., Oomura, Y. The electrical behavior of crystal unit resonating at the fundamental frequency 150 MHz 13323
Tanaka, M. *see* Bettin, H. 27220
Tanaka, M. *see* Boerner, W.-M. 26948
Tanaka, M. *see* Cong-Kha Pham 5696
Tanaka, M. *see* Cong-Kha Pham 11566
Tanaka, M. *see* Hara, K. 37400
Tanaka, M. *see* Hara, T. 12759
Tanaka, M. *see* Ikeda, H. 59310
Tanaka, M. *see* Inaba, S. 2653
Tanaka, M. *see* Isobe, C. 52799
Tanaka, M. *see* Kameda, M. 39128
Tanaka, M. *see* Kaneko, M. 56197
Tanaka, M. *see* Katayama, K. 32476
Tanaka, M. *see* Kodate, J. 42400
Tanaka, M. *see* Maruyama, E. 9537
Tanaka, M. *see* Maruyama, E. 30901
Tanaka, M. *see* Matsumoto, Y. 26660
Tanaka, M. *see* Matsumoto, Y. 45442
Tanaka, M. *see* Miyata, H. 37384
Tanaka, M. *see* Miyata, J. 35095
Tanaka, M. *see* Mizukata, K. 27803
Tanaka, M. *see* Mukai, T. 6671
Tanaka, M. *see* Muruyama, E. 30862
Tanaka, M. *see* Numata, H. 1673
Tanaka, M. *see* Oohashi, T. 49593
Tanaka, M. *see* Otani, T. 58399
Tanaka, M. *see* Sasagawa, T. 24317
Tanaka, M. *see* Schlaffer, A. 31430
Tanaka, M. *see* Senyo, K. 37386
Tanaka, M. *see* Shen, X.Q. 30781
Tanaka, M. *see* Shin, T. 23291
Tanaka, M. *see* Takenaka, T. 45006
Tanaka, M. *see* Takenaka, Y. 20853
Tanaka, M. *see* Takeuchi, M. 13391
Tanaka, M. *see* Tanaka, K. 33052
Tanaka, M. *see* Tanaka, K. 45306
Tanaka, M. *see* Teshima, H. 43742
Tanaka, M. *see* Teshirogi, T. 56201
Tanaka, M. *see* Tomita, N. 22375
Tanaka, M. *see* Ueno, A. 37029
Tanaka, M. *see* Watanabe, K. 21344
Tanaka, M.S. *see* Suzuki, C.K. 10622
Tanaka, N. Propagation and reflection properties of SAW on metal film or strips/piezoelectric single crystal structures 55017
Tanaka, N., Nishimura, A. Measurement of IC molding compound adhesion strength and prediction of interface delamination within package 30289
Tanaka, N. *see* Hatayama, T. 40383
Tanaka, N. *see* Hatayama, T. 52720
Tanaka, N. *see* Kizuka, T. 42244
Tanaka, N. *see* Kobayashi, Y. 13387
Tanaka, N. *see* Mizuno, K. 19916
Tanaka, O. *see* Yoshitomi, Y. 23325
Tanaka, R., Shin, S. Fearful symmetry in system structures 52926
Tanaka, R. *see* Kamiya, T. 10035
Tanaka, S., Hagiwara, T., Araki, M. Filtering problem under unreliable sampling 34965
Tanaka, S., Higuchi, S.-I., Matsumoto, T. Sheet structure in global bifurcations of a driven R-L-diode circuit 21467
Tanaka, S., Ishikawa, T., Hibino, M. Transmission electron microscopy study of InGaAsP/InGaP thin-layer structure grown by liquid phase epitaxy 10687
Tanaka, S., Iwai, S., Aoyagi, Y. Self-assembling GaN quantum dots an $Al_xGa_{1-x}N$ surfaces using a surfactant 22331
Tanaka, S., Iwai, S., Aoyagi, Y. Reduction of the defect density in GaN films using ultra-thin AlN buffer layers on 6H-SiC 40367
Tanaka, S., Iwasaki, A., Mitsuta, A., Suzuki, M., Suzuki, T., Funakoshi, S. Car navigation system CMP-GT1 61302
Tanaka, S., Motomura, R., Yamashita, H. Automatic measurement of pipe length and pattern by use of acoustic sensors 17783
Tanaka, S., Murakawa, M., Ohtsuka, Y. Temperature-disturbance free magnetic field sensor based on double fiber optic polarimetry 58801
Tanaka, S., Nakamura, H., Kawano, K., Inoue, S. Practical topography design for alternating phase-shifting mask 2459
Tanaka, S., Okamachi, M., Ito, R., Kita, Y., Nomura, M. Operator Support System on alarm condition for combined cycle power plant 38628
Tanaka, S., Okamoto, M. On-line measurement of pipe length using fluctuation of acoustic pressure in pipe 48920
Tanaka, S., Umbach, C.C., Blakely, J. Annealing instabilities in small fabricated structures 42361
Tanaka, S., Yamakoshi, K. Ambulatory instrument for monitoring indirect beat-to-beat blood pressure in superficial temporal artery using volume-compensation method 18212
Tanaka, S., Yoshida, K., Kinugasa, S., Ohtsuka, Y. Birefringent side-hole fiber for use in strain sensor 58800
Tanaka, S. *see* Aboelfotoh, M.O. 12557
Tanaka, S. *see* Cho, T. 37568
Tanaka, S. *see* Dantsker, E. 23400
Tanaka, S. *see* Dantsker, E. 43821
Tanaka, S. *see* Daud, A. 13824
Tanaka, S. *see* Davis, R.F. 21248
Tanaka, S. *see* Davis, R.F. 30828
Tanaka, S. *see* Hisamoto, D. 1724
Tanaka, S. *see* Ichiki, K. 2483
Tanaka, S. *see* Ishii, K. 49323
Tanaka, S. *see* Kajino, F. 37402

Tanaka, S. *see* Kanai, H. 22646
Tanaka, S. *see* Kawai, M. 18334
Tanaka, S. *see* Kobayashi, H. 13817
Tanaka, S. *see* Murakami, S. 31501
Tanaka, S. *see* Nakamura, H. 23719
Tanaka, S. *see* Nishii, R. 50021
Tanaka, S. *see* Ohmi, K. 33281
Tanaka, S. *see* Sawada, H. 18333
Tanaka, S. *see* Shishikura, M. 55429
Tanaka, S. *see* Suetsugu, Y. 55203
Tanaka, S. *see* Taniguchi, Y. 7321
Tanaka, S. *see* Tsunetomo, K. 885
Tanaka, S. *see* Wakami, T. 55204
Tanaka, S. *see* Wakayama, Y. 32048
Tanaka, S. *see* Yajima, M. 53607
Tanaka, S. *see* Yoshida, S. 53340
Tanaka, S. *see* Yoshikawa, M. 46386
Tanaka, S.-I. *see* Hellman, O. 727
Tanaka, T. Development of ocean thermal energy conversion system 19622
Tanaka, T., Asai, N., Uchino, S.-I. A novel antireflection method with gradient photoabsorption for optical lithography 2467
Tanaka, T., Fujii, T., Hattori, T. PHS multimedia transmission system 35814
Tanaka, T., Furukawa, H., Takenaka, H., Ueda, T., Fukui, T., Ueda, D. Low-voltage operation GaAs spike-gate power FET with high power-added efficiency 32444
Tanaka, T., Ichise, N., Yamashita, Y., Baba, N. Image extraction of biological objects from an ultra-thin section electron microscope image by spatial gray level dependence method in texture image analysis 7856
Tanaka, T., Kisanuki, O., Sakata, M., Uchiumi, M. Characteristics of space charge formed in a laminated LDPE/EVA dielectric under DC stress 2968
Tanaka, T., Koshio, N. A method for harmonic reduction on the source side of a parallel-connected thyristor converter having an interphase reactor 38871
Tanaka, T., Koshio, N., Akagi, H., Nabae, A. A novel method of reducing the supply current harmonics of a 12-pulse thyristor rectifier with an interphase reactor 38840
Tanaka, T., Kris, E.M. Low warpage, lead-free multilayer dielectric 53812
Tanaka, T., Miura, R., Karasawa, Y. Implementation of a digital signal processor in a DBF self-beam-steering array antenna 35983
Tanaka, T., Morishita, A., Sakabe, S. Fuel-saving technologies for starting and charging 9678
Tanaka, T., Takahashi, T. Internet Super Stadium 58525
Tanaka, T., Uchida, K., Kawanaka, S., Minagawa, S. Stimulated emission from rectangular cross-sectional GaN optical waveguides by photo-pumping and stripe design of optical waveguides formed with a selectively grown GaInN/GaN buried heterostructure 33576
Tanaka, T., Yokota, H., Abiru, I., Uchimura, K., Akimoto, T. Digital video server system 17072
Tanaka, T. *see* Hasegawa, N. 32340
Tanaka, T. *see* Imai, A. 2558
Tanaka, T. *see* Ishida, I. 41497
Tanaka, T. *see* Itoh, K. 9169
Tanaka, T. *see* Kato, J. 58169
Tanaka, T. *see* Kato, M. 41158
Tanaka, T. *see* Kim, B.C. 5952
Tanaka, T. *see* Kohno, T. 52954
Tanaka, T. *see* Kurihara, I. 19947
Tanaka, T. *see* Lee, J. 33208
Tanaka, T. *see* Matsuki, H. 35978
Tanaka, T. *see* Matsuki, H. 47726
Tanaka, T. *see* Matsuki, J. 19236
Tanaka, T. *see* Miura, R. 47805
Tanaka, T. *see* Noritsugu, T. 28407
Tanaka, T. *see* Okumura, T. 54461
Tanaka, T. *see* Saraya, T. 22810
Tanaka, T. *see* Seki, T. 60236
Tanaka, T. *see* Shoji, K. 1356
Tanaka, T. *see* Sugiyama, S. 23072
Tanaka, T. *see* Tanaka, A. 7402
Tanaka, T. *see* Tanzawa, T. 1394
Tanaka, T. *see* Uchida, K. 32220
Tanaka, T. *see* Wake, K. 8180
Tanaka, T. *see* Wann, C.H. 2642
Tanaka, T. *see* Watanabe, I. 10164
Tanaka, T. *see* Yamaguchi, T. 10869
Tanaka, T. *see* Yamashina, M. 35979
Tanaka, T. *see* Yanai, Y. 36809
Tanaka, Y., Akera, H. Self-consistent calculation of the charging energy in a quantum dot coupled to leads 42115
Tanaka, Y., Britton, P.L. Successful fabricator/supplier partnerships through targeted product development 11920
Tanaka, Y., Hotate, K. Analysis of fiber Brillouin ring laser composed of single-polarization single-mode fiber 55539
Tanaka, Y., Ifuku, T., Tsuchida, K., Kato, A. Thermoelectric properties of ZnO-based materials 22256
Tanaka, Y., Kihara, T., Kamimura, Y., Yamada, Y. Markerless three-dimensional CT-MR registration of head images 49462
Tanaka, Y., Shimizu, S., Tomochika, T. Vectorized simulation method for ATM traffic 35389
Tanaka, Y., Visscher, M.I., Rejaei, B., Bauer, G.E.W. Theory of tunneling conductance of CDW junctions 12581
Tanaka, Y., Yokomizu, Y., Ishikawa, M., Matsumura, T., Kito, Y. Opening process of fictitious contacts made of thermal plasma after current zero in flat-type SF_6 gas-blast quenching chamber 9425
Tanaka, Y., Yokomizu, Y., Matsumura, T., Kito, Y. The opening process of thermal plasma contacts in a post-arc channel after current zero in a flat-type SF_6 gas-blast quenching chamber 51390
Tanaka, Y. *see* Fujii, K. 21669
Tanaka, Y. *see* Gofuku, A. 38519
Tanaka, Y. *see* Hanamoto, T. 60786
Tanaka, Y. *see* Kitajima, H. 48827
Tanaka, Y. *see* Komagata, M. 10952
Tanaka, Y. *see* Komma, Y. 43909
Tanaka, Y. *see* Li, Y. 54904
Tanaka, Y. *see* Matsushita, T. 55092
Tanaka, Y. *see* Mori, H. 37762
Tanaka, Y. *see* Murata, K. 32698
Tanaka, Y. *see* Muronaka, T. 32728
Tanaka, Y. *see* Nabae, A. 50348
Tanaka, Y. *see* Ohtomo, N. 7872
Tanaka, Y. *see* Satoh, Y. 44198
Tanaka, Y. *see* Shujie Lin 24130
Tanaka, Y. *see* Sugimoto, M. 52854
Tanaka, Y. *see* Takada, T. 32719
Tanaka, Y. *see* Takada, T. 60126
Tanaka, Y. *see* Taki, K. 27433
Tanaka, Y. *see* Tanioka, M. 41706
Tanaka, Y. *see* Torazawa, K. 44121
Tanaka, Y. *see* Watanabe, T. 1388
Tanaka, Y. *see* Wentao Zheng 46102
Tanaka, Y. *see* Xiao-Gang Zhang 51556
Tanaka, Y. *see* Ying Li 54960
Tanaka, Y. *see* Zbroszczyk, J. 23332
Tanamoto, T., Katoh, R. The possibility of higher temperature operation in quantum cellular automata (QCA) 22355
Tanamoto, T., Toriumi, A. A percolation approach to dielectric breakdown statistics 54894
Tanas, R. *see* Leonski, W. 55902
Tanase, S. *see* Kojima, T. 51504
Tanasoiu, C., Miclea, C., Dimitriu, E. Properties and stability of ferrite materials for magnetic temperature transducers 43646
Tanatar, B. *see* Mutluay, N. 54181
Tanbun-Ek, T., People, R., Fullowan, T., Bethea, C., Sergent, A.M., Wisk, P.W., Sciortino, P.F., Jr., Chu, S.N.G., Tsang, W.T. Tunable electroabsorption modulated laser integrated with a bent waveguide distributed-feedback laser 55691
Tanbun-Ek, T. *see* Fang, W. 23922
Tanbun-Ek, T. *see* Haner, M. 16744
Tanbun-Ek, T. *see* Hybertsen, M.S. 33485
Tanbun-Ek, T. *see* Minch, J. 55681
Tanbun-Ek, T. *see* Morton, P.A. 36126
Tanbun-Ek, T. *see* Shih, M.-H. 36155
Tanbun-Ek, T. *see* Wilson, G.C. 13688
Tancevski, L., Andonovic, I. Hybrid wavelength hopping/time spreading schemes for use in massive optical networks with increased security 16780
Tancevski, L. *see* Andonovic, I. 26858
Tanda, M. *see* Yoshida, T. 51590
Tanda, T. *see* Yamashina, M. 35979
Tandia, A. Native oxide structure investigation by molecular simulation 42501
Tandon, A., Middleton, B.K., Miles, J.J., Cumpson, S.R. The application of scaling to the prediction of the performance of digital magnetic recording systems 43700
Tandon, P., Velayutham Rajarathnam, A., Ehsani, M. Self-tuning control of a switched reluctance motor drive with shaft position sensor 29688
Tandon, R.P. Materials in biomedical engineering: potential and issues 18165
Tandon, R.P. *see* Barrow, D.A. 43486
Tandon, R.P. *see* Srivastav, M. 1694
Tandon, S.N. *see* Sahambi, J.S. 28373
Tandt, C.De *see* De Tandt, C.
Tanemura, S. *see* Mosaddeq-ur-Rahman, M. 20034
Tanemura, S. *see* Nakao, S. 10790
Tanenbaum, B.S. *see* Anvari, B. 49771
Tanenbaum, D.M., Lo, C.W., Isaacson, M., Craighead, H.G., Rooks, M.J., Lee, K.Y., Huang, W.S., Chang, T.H.P. High resolution electron beam lithography using ZEP-520 and KRS resists at low voltage 22701
Tanenbaum, D.M. *see* Lo, W.K. 22150
Tanenbaum, D.M. *see* Sohda, Y. 41775
Tanev, S. *see* Saltiel, S. 33676
Tang, A., Young Bae Choi, Deokjai Choi, Oh-Young Kang, Hai Feng Weng A generic service ordering interface for the customer-to-service provider environment 35616
Tang, A. *see* Zeisler, E.D. 46901
Tang, A.P., Kahn, J.M., Keang-Po Ho Wireless infrared communication links using multi-beam transmitters and imaging receivers 6767
Tang, B., Shen, A., Alwan, A., Pottie, G. A perceptually based embedded subband speech coder 34693
Tang, B.-S. *see* Kanefsky, M. 34526
Tang, C.-M., Swyden, T.A. Beam collimation from field-emitter arrays with linear planar lens 1915
Tang, C.-M., Swyden, T.A. Analysis of beam collimation data from field-emitter arrays with linear planar lens 1922
Tang, C.K., Kewell, A.K., Reed, G.T., Rickman, A.G., Namavar, F. Development of a library of low-loss silicon-on-insulator optoelectronic devices 3441
Tang, C.L. *see* Shire, D.B. 6722
Tang, C.W. Organic electroluminescent materials and devices 3613
Tang, C.W. *see* Hung, L.S. 23687
Tang, C.W. *see* Jianmin Shi 44265
Tang, C.W. *see* Williams, D.J. 3614
Tang, D. *see* Ganz, A. 36029
Tang, D.D. *see* Thon, L.E. 11576
Tang, D.S. *see* Choi, J.D. 1363
Tang, D.Y. *see* Gutierrez, J. 23749
Tang, D.Y. *see* Kun Liu 31807
Tang, D.Y. *see* Kun Liu 54078
Tang, D.Y. *see* Li Biao 30819
Tang, E., Yi, F., Jin, M. LIGA technology in BSRF 54536
Tang, E.Z., Etsell, T.H. Polarized electrochemical vapor deposition (PEVD). A new technique for depositing thin ionic conducting films 40631
Tang, F.T. *see* Lee, M.Y. 18485
Tang, F.T. *see* Lee, M.Y. 18491
Tang, G. *see* Wu, X. 55879
Tang, G.-P. *see* Peiner, E. 2034
Tang, H., Emma, P., Gross, G., Kulikov, A., Li, Z., Miller, R., Rinolfi, L., Turner, J., Yeremian, D. Design of the NLC positron source 49299
Tang, H., Simula, O. The adaptive resource assignment and optimal utilization of multi-service SCP 47273
Tang, H. *see* Li, F. 44279
Tang, H. *see* van der Wagt, J.P. 1422
Tang, H.K. Hollowing-out or international division of labour? Perspective from the consumer electronics industry and Singapore 9939
Tang, H.T. *see* Huang, L.J. 54288
Tang, H.X., Wang, Z.D., Zhang Yuheng Normal reflection effect on the critical current in a clean-limit superconductor-normal-metal-superconductor junction 3294
Tang, J., Mao, D., Feng, L., Song, W., Trefny, J.U. The properties and optimization of ZnTe:Cu back contacts on CdTe/CdS thin film solar cells 39104
Tang, J., Tang, K., Moskowitz, H. Exact Bayesian estimation of system reliability from component test data 20996
Tang, J. *see* Feng, L. 12249
Tang, J. *see* Song, W. 39091
Tang, J.C. *see* Isaacs, E.A. 47249
Tang, J.J. *see* Wei, K.-C. 41024
Tang, K. *see* Tang, J. 20996
Tang, K. *see* Wu, N.M. 43220
Tang, K.P. *see* Free, C.E. 53646
Tang, K.S., Man, K.F., Kwong, S. Nonlinear dissipative controller for chaotic system 11215
Tang, K.S., Man, K.F., Kwong, S., He, Q. Genetic algorithms and their applications 4713
Tang, L., Joshi, Y. Integrated thermal analysis of indirect air-cooled electronic chassis 275
Tang, L., Raghuveer, M.R. Numerical prediction of HVDC wall bushing flashover caused by uneven wetting 38408
Tang, L. *see* Gole, A.M. 38858
Tang, L.Y. *see* Bascom, E.C., III 50587
Tang, M. Research of target image recognition based on correlation match 15802
Tang, M. *see* Bhandarkar, S. 25481
Tang, N. *see* Fleitz, P.A. 24216
Tang, N. *see* Jones, O. 52086
Tang, N. *see* Wang, J.L. 23297
Tang, N. *see* Xiu-Feng Han 43628
Tang, O., Mohanty, B. Industrial energy efficiency improvement through cogeneration: a case study of the textile industry in Thailand 9753
Tang, O.S.A., Duh, K.H.G., Liu, S.M.J., Smith, P.M., Kopp, W.F., Rogers, T.J., Pritchard, D.J. A 560 mW, 21% power-added efficiency V-band MMIC power amplifier 31530
Tang, P. *see* Peng, J. 23774
Tang, P.J.P., Pullin, M.J., Phillips, C.C. Binding energy of the free exciton in indium arsenide 41970
Tang, P.S. *see* Zeng, X. 41361
Tang, P.T., Tse, C.K. Design and implementation of novel quasi-linear DSP-based control for power converters 60851
Tang, R.X., Sugita, K., Freeman, W.J., Jakubith, S. Using fictive powers as event markers in EEG data processing 18419
Tang, S., Li, T., Li, F., Zhou, C., Chen, R.T. A holographic waveguide microlens array for surface-normal optical interconnects 4107
Tang, S.-H.T., Mersereau, R.M. Multiscale blind image restoration using a wavelet decomposition 25422
Tang, S.G. *see* Ong, E.K. 9283
Tang, T.A. *see* Zheng, D.W. 32161
Tang, T.C. *see* Sam-Yong Bahng 56806
Tang, T.K., Gutierrez, R.C., Wilcox, J.Z., Stell, C., Vorperian, V., Dickerson, M., Goldstein, B., Savino, J.L., Li, W.J., Calvet, R., Charkaborty, I., Bartman, R., Kaiser, W.J. Silicon bulk micromachined vibratory gyroscope for micros-pacecraft 59882
Tang, W. Circuit integration pushes image sensor performance 36705
Tang, W., Shwedyk, E. A practical receiver for multi-h continuous phase modulation 45523

Tang, W.C. *see* Lee, C.I. 23085
Tang, X., Yuan, Y., Wongchotigul, K., Spencer, M.G. An optical waveguide formed by aluminum nitride thin film on sapphire 13658
Tang, X. *see* Wongchotiqul, K. 10795
Tang, X. *see* Wu, C.W. 986
Tang, X. *see* Wu, C.W. 989
Tang, X.-M. *see* Fiaccabrino, G.C. 27509
Tang, X.H. *see* Xu, S.J. 32034
Tang, X.Y., Chin, M.K., Tan, H.S. Quasi-stable soliton transmission in a long-distance fibre link with periodic dispersion management and lumped amplifiers 47977
Tang, X.Y. *see* Chin, M.K. 47976
Tang, Y., Kline, J.A., Sr. Modeling and design optimization of switched reluctance machine by boundary element analysis and simulation 19722
Tang, Y., Rae, C.F., Dunn, M.H., Allen, J.F. Tuning, threshold, and conversion efficiency properties of critically phase-matched KTP OPOs 14336
Tang, Y. *see* Qiu, Z.Y. 984
Tang, Y. *see* Rahlff, C. 14338
Tang, Y. *see* Rich, D.H. 12412
Tang, Y. *see* Rich, D.H. 54197
Tang, Y.-F., Perez-Garcia, V.M., Vazquez, L. Symplectic methods for the Ablowitz-Ladik model 30637
Tang, Y.-H. *see* Honsberg, C.B. 39191
Tang, Y.H. *see* Dai, X.M. 9548
Tang, Y.S., Ni, W.-X., Sotomayor Torres, C.M., Hansson, G.V. Photoluminescence and electroluminescence study of Si-$Si_{0.7}Ge_{0.3}$ quantum dots 2173
Tang, Y.S., Sotomayor Torres, C.M., Ni, W.X., Hansson, G.V. Room temperature electroluminescence of nanofabricated Si-$Si_{1-x}Ge_x$ quantum dot diodes 33296
Tang, Y.Y. *see* Jiming Liu 5650
Tang, Z. *see* Tanno, K. 21586
Tang, Z.K., Loy, M.M.T., Jiesheng Chen, Ruren Xu Absorption spectra of Se and HgI_2 chains in channels of $AlPO_4$-5 single crystal 22334
Tang, Z.Y., Chen, W.X., Liu, Z.L., Guo, H.T. Effect of surface modification on performance of alloy electrodes for hydrogen storage 38952
Tang Cha-Mei *see* Cha-Mei Tang
Tang Changqing, Luo Zhu, Gu Yongchang Unbalanced fault calculation based on three phase bus impedance matrix 60346
Tang Chaojing *see* Wang Chengyou 56406
Tang Chengxian *see* Chengxian Tang
Tang Chi-Wah *see* Chi-Wah Tang
Tang Chieh-Yi *see* Chieh-Yi Tang
Tang Chunhe *see* Zhang Chun 38502
Tang Daoyuan *see* Shan Bing 17472
Tang Dingyuan *see* Gui Yongsheng 3580
Tang Dingyuan *see* Li Biao 30794
Tang Dingyuan *see* Zhong Weizhuo 10585
Tang Dingyuan *see* Dingyuan Tang
Tang Esheng *see* Cui Mingqi 37405
Tang Guo Hong *see* Guo Hong Tang
Tang Guoqing *see* Wu Pengfei 14467
Tang Guoqing *see* Guoqing Tang
Tang Haiping *see* Qiu Xiaoyan 50374
Tang He *see* He Tang
Tang Hong *see* Guo Yong-Kang 44805
Tang Hong *see* Hong Tang
Tang Honggao *see* Wang Yuxia 21334
Tang Huajun *see* Huajun Tang
Tang Jiangqiang Using FPGA to realize CDMA digital wireless PABX system 58066
Tang Jieying, Wang Kaiyuan Design and experiment of porous silicon light emitting device 54040
Tang Jin-Fa *see* Jin-Fa Tang
Tang Jinfa *see* Chen Jie 3484
Tang Jinfa *see* Jinfa Tang
Tang Jing *see* Ye Bing 58984
Tang Jing-Jou *see* Jing-Jou Tang
Tang Jiyue, Guo Lurong, Zeng Hongjun, Zhu Jianhua, Cai Tiequan Study on the stability of the latent image in the MBDCG hologram 55921
Tang Jiyue, Wang Ketai, Guo Lurong, Pang Lin, Tian Weijian, Xu Ping, Cai Tiequan An effective method for improving the stability of the hologram recorded in gelatin 55923
Tang Jiyue *see* Zeng Hongjun 44823
Tang Junxiong *see* Zhang Liang 13785
Tang Kun *see* Wang Tian 16468
Tang Kun *see* Kun Tang
Tang Le *see* Le Tang
Tang Li-an *see* Li-an Tang
Tang Li-Zhong *see* Li-Zhong Tang
Tang Liangfen *see* Chen Qiren 58462
Tang Man Chak *see* Man Chak Tang
Tang Minxue *see* Minxue Tang
Tang Ning *see* Pan Hongge 23296
Tang Pai *see* Pai Tang
Tang Pingsheng, Xu Huijun, Liu Dan, Liu Xiaoming, Fang Chongcheng, Peng Jiangde Cascaded amplification and gain response of EDFA with pump modulation 23824
Tang Pushan *see* Chen Chunhong 53139
Tang Pushan *see* Liu Bao 12844
Tang Pushan *see* Tan Xiangdong 1212
Tang Qingyu *see* Zhang Tong 8062
Tang Renyuan *see* Yang Shiyou 50956
Tang Shiang-Feng *see* Shiang-Feng Tang
Tang Shih *see* Shih Tang
Tang Shouhong *see* Shouhong Tang
Tang Shuqi *see* Wang Chengyou 56406
Tang Ting-Ao *see* Zhang Qian-Ling *(editor)* 51932
Tang Wansheng *see* Wansheng Tang
Tang Wei, Chen Xueyun A new method of power system transient stability analysis based on ANN 38220
Tang Wei, Gu Tai Design of MCBiCMOS gate array master chip 53251
Tang Wei *see* Wang Jian-Ming 53154
Tang Weilong *see* Weilong Tang
Tang Weizhong *see* Weizhong Tang
Tang Wenguo *see* Shen Wenzhong 32455
Tang Xiao *see* Xiao Tang
Tang Xiaofang *see* Zhou Guoqing 17509
Tang Xiaoou *see* Xiaoou Tang
Tang Xiaoyan *see* Chen Guican 53145
Tang Xinghai *see* Xinghai Tang
Tang Xuefei *see* Xuefei Tang
Tang Yeqing *see* Wang Yuxia 21334
Tang Yi-Hua *see* Yi-Hua Tang
Tang Yifan *see* Yifan Tang
Tang Yinghui The decomposition of reliability quantities in repairable queueing system 10208
Tang Yongqun *see* Yongqun Tang
Tang Yuan *see* Yuan Tang
Tang Yueping *see* Yueping Tang
Tang Yuezhong, Gu Lixing Trend and problems in integrated substation protection and supervisory control system 51420
Tang Yuhua *see* Li Fushen 27970
Tang Yuling *see* Zhou Jian 61333
Tang Yusheng, Cai Qiyu, Jiang Jianfei Researching development of superconducting flux flow transistors 3278
Tang Yusheng *see* Jiang Jianfei 3295
Tang Zesheng *see* Xu Meihe 15834
Tang Zhenan *see* Zhenan Tang
Tang Zheng *see* Zheng Tang
Tang Zhengning *see* Zhang Yixin 46396
Tang Zhilong *see* Zhilong Tang
Tang Zhiyuan *see* Zhiyuan Tang
Tang Zhonggui *see* Ji Yanchao 50382
Tang Zongxi *see* Zongxi Tang
Tang-Go Cheng *see* Ding Wang 44818
Tangirala, S. *see* Ray, A. 40718
Tangler, J.L. *see* Somers, D.M. 29167
Tango, H. *see* Inaba, T. 21659
Tango, H. *see* Yoshimi, M. 11455
Tango, H. *see* Yoshimi, M. 32410
Tangonan, G. *see* Ng, W. 58358
Tangonan, G.L. *see* Loo, R.Y. 58456
Tangorra, R. *see* Di Ciano, M. 1147
Tangtrakul, A., Yeung, B., Cook, T.A. Signed-digit on-line floating-point arithmetic for FPGAs 40996
Tanguy, A., Binesti, D., Degauque, J., Bras, J., Fagot, M., Chamberod, A. Vanadium influence in NdFeBAl melt-spun magnets 3110
Tanguy, A., Bras, J., Degauque, J. Domain wall pinning in NdFeB melt-spun magnets 13464
Tanguy, C. *see* Jeannes, F. 24109
Tanguy, D. *see* Mathoorasing, D. 58296
Tani, A. *see* Brunelli, B. 9644
Tani, A. *see* Casadei, D. 51348
Tani, J. *see* Fukutomi, H. 40709
Tani, K., Yamada, T. H-version adaptive finite element method using edge element for 3D non-linear magnetostatic problems 44933
Tani, K., Yamada, T. New approach to coupled magnetic and thermal problem in induction heating system with travelling conducting plate using cubic interpolated pseudo-particle method 51850
Tani, K., Yamanobe, T., Matsuhashi, H., Nishikawa, S. Formation of c-axis-oriented $Bi_4Ti_3O_{12}$ films with extremely flat surface by spin-coating 54943
Tani, K. *see* Wada, A. 41357
Tani, K. *see* Yamada, T. 45071
Tani, M., Matsuura, S., Sakai, K. Generation and detection of Terahertz radiation by using ultrafast photoconductive antennas 56182
Tani, M. *see* Abe, H. 22263
Tani, M. *see* Matsuura, S. 33270
Tani, M. *see* Takasago, K. 33601
Tani, M. *see* Tonouchi, M. 43745
Tani, M. *see* Yamaashi, K. 46470
Tani, N. *see* Suu, K. 2918
Tani, N. *see* Suu, K. 52796
Tani, S. *see* Sato, M. 10130
Tani, S. *see* Sato, M. 39826
Tani, T., Koseki, A., Sakai, A., Hattori, S., Ouchi, A. System design and field-testing of the walk training system 37839
Tani, T. *see* Kawata, S. 3966
Tani, T. *see* Sekiguchi, N. 60588
Tani, T. *see* Takahashi, A. 58904
Tani, T. *see* Yamada, Y. 42129
Tani, Y., Hashimoto, N., Ikeda, H., Sakuwa, C. Magnetic shield for color CRT placed in steel chassis 17665
Tanida, J. *see* Watanabe, W. 23614
Tanides, C.G., Brugnoni, M., Dutt, G.S. Characterisation of residential electricity use in Argentine and implications for energy conservation programmes 19185
Tanie, K. *see* Iwamoto, K. 36812
Tanie, K. *see* Maekawa, H. 36452
Tanifuji, M. *see* Toyama, K. 15660
Tanigawa, S., Igarashi, K., Nagasawa, M., Yoshio, N., Miyake, K. The reliability of the resin molded chip size package (MCSP) 10153
Tanigawa, S. *see* Uedono, A. 54030
Tanigawa, T. *see* Fujii, K. 21669
Taniguchi, A. *see* Furukawa, H. 23935
Taniguchi, A. *see* Koura, N. 3273
Taniguchi, A. *see* Miyagi, K. 59001
Taniguchi, H. *see* Inoue, T. 50298
Taniguchi, H. *see* Kameda, H. 60430
Taniguchi, H. *see* Kitauchi, Y. 38260
Taniguchi, H. *see* Kusakabe, T. 18136
Taniguchi, H. *see* Makino, M. 35047
Taniguchi, J., Miyamoto, I., Ohno, N., Honda, S. Electron beam assisted chemical etching of single crystal diamond substrates 32180
Taniguchi, K. Methods and effects of introduction of the functional component grouping process into systematization 146
Taniguchi, K. High frequency switched resonant mode power conversion technologies. II. Trend of circuit topologies for resonant inverter 60859
Taniguchi, K., Hirachi, K., Irie, H. Soft-switching circuit for three-phase converter with unity power factor 51245
Taniguchi, K., Matano, Y., Morizane, T., Hyun-Woo Lee PAM system for motor drive with soft-switching PFC converter 51730
Taniguchi, K. *see* Horiuchi, N. 39185
Taniguchi, K. *see* Kirihara, M. 41080
Taniguchi, K. *see* Kitajima, A. 11404
Taniguchi, K. *see* Matsuura, T. 13222
Taniguchi, K. *see* Matsuura, T. 13223
Taniguchi, K. *see* Morizane, T. 51121
Taniguchi, K. *see* Okada, K. 22468
Taniguchi, K. *see* Seki, I. 53387
Taniguchi, K. *see* Shibata, K. 27064
Taniguchi, K. *see* Sooda, K.-I. 32389
Taniguchi, K. *see* Umeda, K. 32643
Taniguchi, K. *see* Yamaji, M. 12959
Taniguchi, K. *see* Zhang, X. 15861
Taniguchi, K. *see* Zhao, X.D. 22419
Taniguchi, M., Kurokawa, K., Itoh, K., Matsuoka, K., Ichioka, Y. Optical pattern recognition system using binary phase only correlator and optimized correlation filters 5217
Taniguchi, M., Tagaki, T. Holographic pattern measuring system and its application to evaluation of thermal deformation of printed circuit board 14452
Taniguchi, R. *see* Tsuruta, N. 15548
Taniguchi, S., Kadowaki, M., Yasuo, T., Akiyama, Y., Itoh, Y., Miyake, Y., Nishio, K. Suppression of chromium diffusion to an SOFC cathode from an alloy separator by a cathode second layer 51518
Taniguchi, S. *see* Chuang, S.L. 33293
Taniguchi, S. *see* Logue, F.P. 31970
Taniguchi, S. *see* Nakayama, N. 55637
Taniguchi, S. *see* Nakazawa, T. 26933
Taniguchi, S. *see* Nishimura, Y. 23389
Taniguchi, S. *see* Yoshida, H. 14161
Taniguchi, T. *see* Goto, S. 38927
Taniguchi, T. *see* Marushima, K. 38698
Taniguchi, T. *see* Matsuyama, K. 41184
Taniguchi, T. *see* Miura, T. 29352
Taniguchi, T. *see* Oka, T. 41447
Taniguchi, T. *see* Tomioka, Y. 38561
Taniguchi, Y., Murakami, K., Kobayashi, H., Tanaka, S. Pyroelectric infrared sensor using PZT thin plate on diaphragm as sensitive elements 7321
Taniguchi, Y. *see* Aoyagi, H. 60941
Taniguchi, Y. *see* Aoyagi, H. 60944
Taniguchi, Y. *see* Hanai, M. 54979
Taniguchi, Y. *see* Hasegawa, T. 9419
Taniguchi, Y. *see* Inoue, T. 9300
Tanii, T., Nakanishi, K. An approximate expression for constriction resistance of electrical contacts having multiple contact areas 11799
Tanii, T., Takamatsu, K., Kokubu, Y. An experimental apparatus to simulate for air pollution on electrical contacts 11811
Tanii, T. *see* Koh, M. 2665
Tanii, T. *see* Matsukawa, T. 21693
Tanii, Y. *see* Moesner, F.M. 33813
Taniike, A. *see* Wada, M. 37181
Taniji, Y. *see* Hatano, K. 48683
Tanik, Y. *see* Koc, A.T. 56439
Tanikawa, A. *see* Ono, H. 22514
Tanikawa, K. *see* Iwao, T. 37645
Tanikawa, K. *see* Maruyama, K. 21286
Tanikawa, M. *see* Ushijima, S. 25954
Tanikawa, N. *see* Ujita, H. 60498
Tanikoshi, K. *see* Cooperstock, J.R. 47248
Tanimizu, T. Vacuum circuit breaker–current and future 29467
Tanimori, T., Ochi, A., Minami, S., Nagae, T. Development of an imaging microstrip gas chamber with a 5 cm×5 cm area based on multi-chip module technology 37261
Tanimori, T. *see* Ohshima, Y. 18083
Tanimot, Y. *see* Takizawa, M. 38913
Tanimoto, G. *see* Shinan Wang 19349
Tanimoto, H., Itakura, T., Ueno, T., Yasuda, A., Oda, K. An offset-free LPF for π/4-shift QPSK signal generator 11570
Tanimoto, H. *see* Okumura, M. 40957
Tanimoto, H. *see* Otaka, S. 26603
Tanimoto, H. *see* Yasuda, A. 21775
Tanimoto, H. *see* Yasuda, A. 31135
Tanimoto, K. *see* Hosoya, T. 51867
Tanimoto, K. *see* Kojima, T. 51504

Tanimoto, M., Narita, K., Fujii, T., Kimoto, T. Noise reduction in DCT-coded images by estimating optimal quantized values 15601
Tanimoto, M., Ohyama, H., Kimoto, T., Katsuyama, S., Fujii, T. A new fractal image coding scheme employing blocks of variable shapes 56741
Tanimoto, S., Hariu, T., Isoda, K., Nakajima, H. Logical office service 16278
Tanimoto, S., Kinouchi, Y. Circuit and packet integrated switching architecture for an optical loop network 47440
Tanimoto, T. *see* Hisamoto, D. 1724
Tanimura, E., Takami, A., Kimura, S., Mori, Y. Flue gas desulfurization control system for Unit No.1 of Reihoku Power Station of Kyushu Electric Power Co. Inc 60529
Tanimura, J., Wada, O., Endoh, Y., Imaizumi, M., Ogama, T. TEM study of stacking faults formed in pairs in a ZnSe epitaxial layer on a GaAs(001) buffer layer 730
Taninaka, M. *see* Ogihara, M. 44296
Tanino, K. *see* Futakuchi, T. 931
Tanino, N. *see* Miura, T. 32376
Tanio, N., Koike, Y. Estimate of light scattering loss of amorphous polymer glass from its molecular structure 43885
Tanio, N. *see* Nihei, E. 26917
Tanioka, K. *see* Mori, H. 37762
Tanioka, K. *see* Sugino, T. 53945
Tanioka, M., Yoshimura, T., Tanaka, Y., Kawahara, H., Sakamoto, T., Sugita, Y. Development of multi chip module using the chip in board method 41706
Tanioka, M. *see* Tanaka, K. 1852
Tanioka, M. *see* Tanaka, K. 53838
Tanioka, M. *see* Tokuno, K. 10166
Tanir, O. Specification driven design of complex systems 30132
Tanir, O. Specification driven modelling of complex telecommunications systems 35533
Taniuchi, H., Matsuda, F. Development of a prediction system for dose rates around a fuel cask 17204
Taniuchi, T. *see* Kawaguchi, T. 10688
Taniuchi, T. *see* Kawaguchi, T. 13533
Taniuchi, T. *see* Kawaguchi, T. 13637
Taniuchi, T. *see* Kawase, I. 44737
Taniuchi, T. *see* Kawase, K. 33655
Taniuchi, T. *see* Suzuki, S. 49030
Taniuchi, T. *see* Yoshikawa, H. 49102
Taniyama, A., Shindo, D., Oikawa, T. Sensitivity and fading characteristics of the 25 μm pixel size imaging plate for transmission electron microscopes 1961
Tanizawa, M., Kikuta, S., Nakagawa, N., Ishikawa, K., Kotani, N., Miyoshi, H. An amorphous-silicon thin-film transistor model including variable resistance effect 12978
Tanizawa, M., Takenaka, H., Asai, M. IBSS(R) based PCB technology for high pin count/fine pitch package assembly 10122
Tanja, K. *see* Jose, E. 6207
Tanji, S. *see* Marumoto, K. 22678
Tanji, T., Qingxin Ru, Tonomura, A. Differential microscopy by conventional electron off-axis holography 4113
Tanji, Y. *see* Ushida, A. 4305
Tanji, Y. *see* Ushida, A. 52999
Tanju, M.C. *see* Jain, P.K. 49941
Tank, B. *see* Schneider, D. 2110
Tanke, E. *see* Bourgeois, M. 49273
Tanke, E. *see* Charmot, H. 49026
Tanke, E. *see* Feschenko, A.V. 37134
Tanke, E. *see* Haseroth, H. 49278
Tanke, E. *see* Lapostolle, P. 49085
Tanke, E. *see* Lapostolle, P. 49087
Tanke, E. *see* Lombardi, A.M. 49088
Tannenbaum, A. *see* Berg, J. 39731
Tannenbaum, A. *see* Yezzi, A., Jr. 49547
Tannenbaum, B., Suryadevara, R., Hsu, S. Evaluation of a mosaic based approach to video compression 15899
Tannenbaum, B. *see* Antos, J. 37373
Tanner, B.K. *see* Niedoba, H. 43670
Tanner, C.G. *see* Vincent, J.H. 39770
Tanner, C.W., Kuan-Zong Fung, Virkar, A.V. The effect of porous composite electrode structure on solid oxide fuel cell performance. I. Theoretical analysis 51550
Tanner, D.R. *see* Loane, J.T. 34279
Tanner, G. Tracking with state dependent measurement errors 26988
Tanner, J. CIFS: Common Internet File System 35693
Tanner, M.●. *see* Im, S. 32131
Tanner, P. *see* Dimitrijev, S. 22916
Tanner, P.G., Dimitrijev, S., Yeow, Y.-T., Harrison, H.B. Characterisation of dielectric damage in MOS capacitors by a new current transient measurement technique 22917
Tanner, P.M., Sarwate, D.V. Modeling and analysis of a digital tracking loop for use in DS/SS systems 36203
Tanner, W. *see* Saner, M. 6429
Tanniou, J. *see* Kalonji, N. 26815
Tanno, K., Ishizuka, O., Zheng Tang 1:n^2 MOS cascode circuits and their applications 23007
Tanno, K., Shimataka, N., Takeda, T., Ishizuka, O., Tang, Z., Fueta, T. Design and analysis of multiple-input coefficient circuit (MICC) for defuzzifier 21586
Tanno, K. *see* Barolli, L. 46656
Tanno, K. *see* Tashima, K. 21848
Tanno, M. *see* Katoh, Y. 33456
Tanno, O.. *see* Suzuki, R. 15612
Tanno, T. *see* Iwase, R. 26331
Tannouri, S. *see* Stojkovic, V. 35353
Tannous, P. The role of high availability computer architectures in the FAA Aeronautical Information Subsystem 59971
Tano, F. *see* Davidson, M.J.W. 18935
Tanobe, H., Kondo, Y., Kadota, Y., Yasaka, H., Yoshikuni, Y. A temperature insensitive InGaAsP-InP optical filter 3534
Tanobe, H., Kondo, Y., Kadota, Y., Yasaka, H., Yoshikuni, Y. A temperature insensitive InGaAsP/InP wavelength filter 26934
Tanobe, H. *see* Ishii, H. 44494
Tanomaru, J. *see* Inubushi, A. 5438
Tanomura, K. *see* Hara, T. 38290
Tanomura, M., Takeuchi, D., Matsuo, J., Takaoka, G.H., Yamada, I. Fullerene ion irradiation to silicon 41872
Tanoue, H. *see* Hirano, T. 31700
Tanoue, H. *see* Kanemaru, S. 41754
Tanp Suning *see* Suning Tanp
Tanrikulu, O., Baykal, B., Constantinides, A.G., Chambers, J.A. Residual echo signal in critically sampled subband acoustic echo cancellers based on IIR and FIR filter banks 45936
Tanrikulu, O., Constantinides, A.G. The LMK algorithm with time-varying forgetting factor for adaptive system identification in additive output-noise 15414
Tanrikulu, O.M. *see* Tonguz, O.K. 47923
Tansel, I., Rodriguez, O., Trujillo, M., Pat, E., Weijing Li Wear induced stress (WIS) and tool breakage in micro-end-milling 13184
Tansley, T.L. *see* Bing Zhou 33240
Tansley, T.L. *see* Butcher, K.S.A. 30941
Tansley, T.L. *see* Zhou, B. 21360
Tantaratana, S. Multiplier-free IIR filter realizations with periodically time-varying coefficients 53433
Tantaratana, S. *see* Jianlin Li 34869
Tantaratana, S. *see* Li, J. 41253
Tantaratana, S. *see* Salih, M. 34888
Tantaswadi, P. *see* Short, S.X. 7393
Tantawi, A.N., Doganata, Y.N. Bandwidth and power management issues in SWIFT 58236
Tantawi, A.N. *see* Bisdikian, C. 16069
Tantawi, S. *see* Ruth, R.D. 49165
Tantawi, S.G. *see* Wang, J.W. 49051
Tantawy, O.A. *see* Ghanim, M.H. 30478
Tantikovit, S., Li, K.C., Wang, M.Z. Adaptive receiver for DS-CDMA systems over flat fading channels 47537
Tantot, O., Chatard-Moulin, M., Guillon, P. Measurement of complex permittivity and permeability and thickness of multi-layered medium by an open-ended waveguide method 27836
Tantrawong, S., Styring, P. Metal-containing liquid crystals with potential application in optical storage devices 44088
Tanuma, H. *see* Sukanya, P. 5051
Tanyer, S.G., Olsen, R.G. High-frequency scattering by a conducting circular cylinder coated with a lossy dielectric of nonuniform thickness 45113
Tanzawa, T., Tanaka, T., Takeuchi, K., Shirota, R., Aritome, S., Watanabe, H., Hemink, G., Shimizu, K., Sato, S., Takeuchi, Y., Ohuchi, K. A compact on-chip ECC for low cost flash memories 1394
Tanzini, J. *see* Aydemir, B. 35752
Tao, B., Dickinson, B. Image retrieval and pattern recognition 46048
Tao, B., Dickinson, B. Texture classification on block-transformed data 57357
Tao, B. *see* Wu, Y. 25167
Tao, C. *see* Cribier, M. 59193
Tao, C.W. *see* Taur, J.S. 59550
Tao, F. *see* Geng, Z. 436
Tao, J., Cheung, N.W., Hu, C. Characterization and modeling of electromigration failures in multilayered interconnects and barrier layer materials 2428
Tao, M. *see* Park, D.G. 54663
Tao, R., Qi Jiang, Sim, H.K. Finite element analysis of electrorheological fluids 967
Tao, T. On the almost everywhere convergence of wavelet summation methods 24986
Tao, W. *see* Luo, A. 5096
Tao, X. *see* Tian, Y. 32338
Tao, X.T., Suzuki, H., Watanabe, T., Lee, S.H., Miyata, S., Sasabe, H. Metal complex polymer for second harmonic generation and electroluminescence applications 44663
Tao, X.T. *see* Miyata, S. 24160
Tao, X.T. *see* Yuan, D.R. 10632
Tao, Y.-X., Manickamdalli, R., Jensen, R., Devgan, P. Thermal characterization of stacked aluminum nitride multichip modules 293
Tao, Z.P., v. Bochmann, G., Dssouli, R. An efficient method for protocol conversion 46789
Tao Baogi *see* Shi Lihua 21387
Tao Baoqi *see* Liang Dakai 36643
Tao Baoqi *see* Shi Lihua 58675
Tao Bo *see* Wang Yuanmei 59526
Tao Chunkan *see* Bian Songlin 46400
Tao Guo, Henwood, M.I., van Ooijen, M. An algorithm for combined heat and power economic dispatch 19527
Tao Hai *see* Hai Tao
Tao He, Kiasaleh, K. Error performance of binary DPSK communications systems in the presence of timing error, mixer imbalance, and Rayleigh fading 4439
Tao He *see* Kiasaleh, K. 6504
Tao Huamin *see* Huamin Tao
Tao Jiang *see* Lusheng Wang 10315
Tao Jinxu *see* Zhou Kangyuan 60127
Tao Kun *see* He Xiangjun 918
Tao Kun *see* Kun Tao
Tao Lan *see* Lan Tao
Tao Li *see* Meyer, K.L. 7990
Tao Li *see* Li Tao
Tao Lu *see* Lu Tao
Tao Meng *see* Meng Tao
Tao Pang *see* Pang Tao
Tao Pham Dinh *see* Pham Dinh Tao
Tao Ruibao *see* Zhou Lei 32871
Tao Ruibao *see* Ruibao Tao
Tao Shen, Wenbin Dou, Zhongliang Sun Gaussian beam scattering from an anisotropic circular cylinder 56020
Tao Shen, Wenbin Dou, Zhongliang Sun A new type of high efficiency Gaussian beam launcher 56171
Tao Shen, Zhongliang Sun, Wenbin Dou Gaussian beam scattering from a semicircular channel in a ground plane 33965
Tao Shen, Zhongliang Sun, Wenbin Dou Asymmetrical Gaussian-Hermite beam mode analysis of a corrugated pyramidal rectangular horn with corrugations in the E-plane walls 34351
Tao Shiguang *see* Li Xin 59304
Tao Shiquan *see* Shiquan Tao
Tao Song *see* Mendrela, E.A. 60810
Tao Wang *see* Wang Tao
Tao Wei, Wong, M.W.T., Lee, Y.S. Efficient multifrequency analysis of fault diagnosis in analog circuits based on large change sensitivity computation 52931
Tao Xian *see* Ji-Tao Li 58985
Tao Xiao-Jiao *see* Xiao-Jiao Tao
Tao Xiaonong *see* Shi Yuxiang 28799
Tao Yang, Chai Wah Wu, Chua, L.O. Cryptography based on chaotic systems 56354
Tao Yang, Crounse, K.R., Chua, L.O. Application of reversible discrete-time cellular neural networks to image copyright labelling 35084
Tao Yang *see* Andresen, D. 47216
Tao Yang *see* Hon-Wai Chu 46652
Tao Yang *see* Lin-Bao Yang 35082
Tao Yang *see* Zhongyong Guo 46473
Tao Yang *see* Yang Tao
Tao Yu *see* Jianxin Guo 17696
Tao Yu *see* Li Sun 55159
Tao Yu *see* Yu Tao
Tao Zhang *see* Zhang Tao
Tao Zhi Chao *see* Zhi Chao Tao
Tao Zhong *see* Zhong Tao
Tao Zong *see* Zong Tao
Taoguang Xu *see* Yusheng Rao 7769
Taoheng Sun *see* Cechan Tian 3990
Taoheng Sun *see* Cechan Tian 23745
Taoheng Sun *see* Sun Taoheng
Taomoto, A. *see* Shen, Z.J. 43081
Taoufik Karkar, M. The characters of a Sylow p-subgroup of the group $G_2(P^m)$, $p \neq 2,3$ 30416
Taouk, M. *see* Ebong, A.U. 29650
Taoutaou, D., Puerto, R., Ortega, R., Loron, L. A new field-oriented discrete-time controller for current-fed induction motors 38724
Tapalian, H.C., Michaels, C.A., Flynn, G.W. Midinfrared molecular gas lasers optically pumped by a continuously tunable infrared optical parametric oscillator 55506
Tapfer, L., Peluso, T., Sciacovelli, P., De Riccardis, M.F., Vanzetti, L., Sorba, L., Franciosi, A. Structural analysis of ZnSe/GaAs heterostructures 22315
Tapfer, L. *see* Giannini, C. 42220
Tapfer, L. *see* Gusso, M. 42122
Tapfer, L. *see* Rettig, R. 52664
Tapfer, L. *see* Rizzo, A. 3569
Tapia, E.R. *see* Galdoz, E.G. 29006
Tapia, P.E. *see* Back, D.D. 28570
Tapia, R.A. *see* Gonzaga, C.C. 40112
Tapia, R.A. *see* Gonzaga, C.C. 40113
Tapias, D. *see* Sorin, C. 46959
Tapias-Merino, D. *see* Caminero-Gil, J. 14965
Tapley, B. *see* Ganachaud, A. 50036
Tapley, M.B. Evaluation of flat-Earth approximation results for geopotential missions 47868
Taponecco, L. *see* Bolognesi, P. 38876
Tapp, S. *see* Schwartz, D.B. 23710
Tapp, W.N. *see* Zhang, P.Z. 49666
Tappe, T., Chatziparaskewas, A., Schaffer, J., Schlosser, J., Schmalhorst, J., Schmiedeskamp, B. Medium energy ion scattering (MEIS) studies on Si/GaSb/Si- and Si/CaF_2/Si(111)layer systems 2124
Tapper, R.J. *see* Bauer, C. 37378
Tappert, C.C. *see* Loy, J.R. 9851
Tappert, J., Klose, F., Rehm, C., Kim, W.S., Brand, R.A., Maletta, H., Keune, W. The magnetic texture of Tb/Fe multilayers 3192

Tappura, K. *see* Lammasniemi, J. 38984
Taqqu, D. An intense low energy muon source for the muon collider 18069
Taqqu, D. *see* Muehlbauer, M. 17970
Taqqu, M.S. *see* Wilinger, W. 35747
Tara, K. *see* Inamori, M. 41524
Tara, K. *see* Motoyoshi, K. 40928
Tarach, D., Trenkler, G. A noise-adaptive digital null detector 17596
Tarafdar, S. *see* Leeser, M. 48403
Taraglio, S., Zanela, A. Cellular neural networks for the stereo matching problem 35089
Tarakankov, S.P. *see* Gorbachev, A.A. 4374
Tarakanov, E.A. *see* Pronin, I.P. 48418
Tarakh, V., Blake, I.F. Trellis complexity versus the coding gain of lattices. II 24694
Taralova-Roux, I. Dynamic behaviour in a second order transmission system modelled by a piecewise linear function 56257
Taranitchev, V.E. *see* Kekalo, I.B. 3072
Taranto, G.N., Falcao, D.M. A genetic-based control design for damping power system inter-area oscillations 50414
Taranto, G.N., Shiau, J.-K., Chow, J.H., Othman, H.A. Robust decentralised design for multiple FACTS damping controllers 38278
Taranukhin, V.D. *see* Kulyagin, R.V. 4005
Tarao, H., Hayashi, N., Isaka, K. Impedance method for calculation of induced electric field inside the biological system exposed to ELF magnetic field 8183
Tarapov, S.I. *see* Gavrilov, S.P. 14684
Tarapov, S.I. *see* Popenko, N.A. 48836
Tarascon, J.M., Gozdz, A.S., Schmutz, C., Shokoohi, F., Warren, P.C. Performance of Bellcore's plastic rechargeable Li-ion batteries 29558
Tarascon, R.G. *see* Harriott, L.R. 22700
Tarascon, R.G. *see* Harriott, L.R. 42874
Tarasenko, V.F., Lomaev, M.I., Panchenko, A.N., Skakun, V.S., Sosnin, E.A., Fedenev, A.V. High-energy lasers and high-power excilamps 23737
Tarasenko, V.F. *see* Panchenko, A.N. 61318
Tarasenko, V.P. Logic models of elementary automata in k-valued alphabet 45568
Tarasiewicz, S. *see* Hentabli, K. 60796
Tarasiewicz, S. *see* Hentabli, K. 61182
Tarasov, A.E. *see* Gornov, A.O. 20100
Tarasov, A.M. A simple method of calculating the parameters of damping circuit in HV convertors 9356
Tarasov, A.N. Dynamic properties of pulse-width modulated DC-to-DC power convertors under discontinuous flux 38853
Tarasov, A.N. Modelling of high-voltage thyristors under dynamic conditions 60895
Tarasov, A.V. *see* Chelny, A.A. 31997
Tarasov, D.V. *see* Davydov, N.I. 19529
Tarasov, I.S. *see* Shcherbakov, A.S. 33002
Tarasov, I.S. *see* Trifonov, A.S. 17851
Tarasov, M., Kaplunenko, V., Filippenko, L., Kuznetsova, I., Vystavkin, A. Implementation of SQUID array local oscillator into integrated circuit for 600 GHz superconducting receiver comprising log-periodic antenna and SIS mixer 55121
Tarasov, M., Shul'man, A., Polyansky, O., Ivanov, Z., Fischer, G., Kollberg, E., Claeson, T., Stepantsov, E. Submillimeter wave response and noise in HTS Josephson junctions 32929
Tarasov, M. *see* Vystavkin, A. 32927
Tarasov, S. *see* Lopota, V. 16245
Tarasov, V.A. *see* Monastyrsky, M.A. 33830
Tarasov, V.I. Specifies of the algorithm and programmatic realization of minimization methods in solving load-flow equations 60204
Taratin, A. *see* Murphy, C.T. 49262
Taratorin, A., Fitzpatrick, J., Wang, S.X., Wilson, B. Non-linear interactions in a series of transitions [magnetic recording] 32842
Taratorin, Yu.I. *see* Brazhkin, B.S. 17212
Tarazi, I. *see* Nathan, S. 26892
Tarazona, V. *see* Rabarot, M. 14066
Tarbet, R. New distribution control centre–decision making and support 50537
Tarbeyev, Yu.V., Krzhimovsky, V.I., Katkov, A.S., Koltik, E.D. A transportable Josephson voltage standard based on high-temperature superconductors 27240
Tarbouchi, M., Le-Huy, H. High-performance control by input-output linearization technique of an induction motor 29323
Tarbutton, G., House, P., Hallenberg, D. IEEE recommended practice for the testing, design, installation, and maintenance of electrical resistance heat tracing for commercial applications 51839
Tarchanidis, K.N. *see* Lygouras, J.N. 48152
Tarczynski, A., Bland, D., Laakso, T. Spectrum estimation of non-uniformly sampled signals 4720
Tarczynski, A. *see* Bland, D.M. 4704
Tarczynski, W. Computer simulation and measurements of arc spot velocity in cylindrical electrode system 51385
Tardelli, J.D., Kreamer, E.W. Vocoder intelligibility and quality test methods 16473
Tardif, F., Lardin, T., Paillet, C., Joly, J.P., Fleury, A., Patruno, P., Levy, D., Barla, K. Optimization of HF and oxidant wet cleanings before 7 nm gate oxide 42453
Tardif, F., Palleau, J., Lardin, T., Demolliens, O., Vincent, A., Torres, J. Wet cleanings adapted to backend processes 42601
Tardif, F. *see* Paillet, C. 42483
Tardif, F. *see* Paillet, C. 42569
Tardioli, G. *see* Cascio, L. 24531
Tardy, J. *see* Del Medico, S. 17286
Tardy, J. *see* Viktorovitch, P. 13018
Tareghian, H.R. *see* Shahkar, G.H. 21031
Tarel, J.-P. Multi-objects interpretation 5281
Tarelho, L.V.G. *see* Ranieri, I.M. 10604
Taren, W. How reliable is the public network? 46892
Targ, R., Steakley, B.C., Hawley, J.G., Ames, L.L., Forney, P., Swanson, D., Stone, R., Otto, R.G., Zarifis, V., Brockman, P., Calloway, R.S., Klein, S.H., Robinson, P.A. Coherent lidar airborne wind sensor II: flight-test results at 2 and 10 μm 27088
Targonski, S.D., Pozar, D.M. Minimization of beam squint in microstrip reflectarrays using an offset feed 34434
Targonski, S.D., Waterhouse, R.B. An aperture coupled stacked patch antenna with 50% bandwidth 34219
Targonski, S.D. *see* Pozar, D.M. 34354
Targonski, S.D. *see* Waterhouse, R.B. 34221
Tarhanjan, A. *see* Horsch, A. 18232
Tari, F. *see* Bruce, J.W. 46320
Taricco, G. *see* Ajmone, M. 16109
Tarimcilar, M.M. *see* Gulledge, T.R. 20768
Tariq, S., Palais, J.C. Stimulated Raman scattering in fiber optic systems 26854
Tariq, S. *see* Flores, B.C. 6894
Tariq, S. *see* Son, J.S. 26998
Tarman, P.B. Fuel cells for distributed power generation 19640
Tarn Tzyh Jong *see* Tzyh Jong Tarn
Tarn Tzyh-Jong *see* Tzyh-Jong Tarn
Tarnay, K., Gali, A., Poppe, A., Kocsis, T., Masszi, F. Examination of MOS structures by a 3D particle dynamics Monte-Carlo simulator including electrothermal effects [transistors] 54676
Tarng, J.H. *see* Liu, T.R. 36073
Tarng, Y.S. *see* Li, T.C. 15220
Tarnopolskaya, T. *see* Howlett, P. 50685
Tarnovan, R. *see* Munteanu, R. 48895
Tarntair, F.G. *see* Ku, T.K. 41740
Tarof, L.E. *see* Parks, J.W. 13844
Tarokh, V., Blake, I.F. Trellis complexity versus the coding gain of lattices. I 24693
Tarokh, V. *see* Blake, I.F. 601
Taroni, A. *see* Crescini 27451
Taroni, A. *see* Crescini, D. 20195
Taroni, A. *see* Crescini, D. 36464
Taroni, A. *see* Crescini, D. 58730
Taroni, A. *see* Ferrari, V. 36462
Taroni, A. *see* Ferrari, V. 58729
Taroni, A. *see* Ghidini, C. 27450
Taroni, A. *see* Marioli, D. 27336
Tarr, N.G., Soreefan, R., MacElwee, T.W., Snelgrove, W.M., Bazarjani, S. A simple implanted backgate MOSFET for dynamic threshold control in fully-depleted SOI CMOS 13146
Tarr, N.G. *see* Winterton, S.S. 42952
Tarraf, A., Habib, I., Saadawi, T. A neurocomputing approach to congestion control in an ATM multiplexer 47224
Tarraf, A. *see* Habib, I. 47354
Tarrant, L. *see* Gerber, R. 4212
Tarren, P. The view from the Main Control Room–operating Sizewell B power station 9020
Tarricone, L. *see* Baraldi, A. 12273
Tarricone, L. *see* Rotelli, B. 32357
Tarsa, E.J. *see* Brazel, E.G. 22255
Tarsa, E.J. *see* Wu, X.H. 31803
Tartakovskii, A.A., Avanesyan, R.R., Buts, V.P., Osipov, Yu.A. Kinetic and thermodynamic aspects of conductivity reliability in resistive materials as influenced by external factors 40681
Tartakovskii, A.M., Kurnosov, V.E. Problem of optimal synthesis of load components in the design of electronic equipment 20806
Tartakovskii, A.M. *see* Avanesyan, R.R. 31635
Tartarin, J.G. *see* Borgarino, M. 54599
Tartarini, G., Bassi, P., Baldi, P., De Micheli, M.P., Ostrowsky, D.B. Biaxial characteristics of planar proton exchanged lithium niobate waveguides 55282
Tarte, B.J., Jardine, P.A., Van Doorn, T. Laser-scanned agarose gel sections for radiation field mapping 37860
Tarter, T.S. *see* Goetz, M.P. 20943
Tartes, I. *see* Dolo, J.M. 28468
Tartwijk, G.H.M.van *see* van Tartwijk, G.H.M.
Tarucha, S. *see* Friedland, K.-J. 12452
Tarui, H. *see* Maruyama, E. 9537
Tarui, H. *see* Sakakibara, T. 43366
Tarui, Y., Takahashi, T., Shibuya, N. Assistant system on CAD for reducing electromagnetic noise–assistant tool of placement for reducing signal reflection 31590
Tarui, Y., Takahashi, T., Shibuya, N. Assistant tool of wiring on PCB for reducing crosstalk noise 41600
Tarui, Y. *see* Fuyuki, T. 10705
Tarui, Y. *see* Hirai, T. 2625
Tarui, Y. *see* Itoh, K. 14646
Tarui, Y. *see* Koike, H. 52814
Tarui, Y. *see* Nagashima, K. 32649
Taruma, K. *see* Ishii, K. 49323
Taruma, K. *see* Kajino, F. 37402
Tarutani, Y. *see* Kabasawa, U. 43783
Tarvainen, E., Ronkainen, H., Kattelus, H., Riihisaari, T., Kuivalainen, P. Planar inductors on silicon for integrated RF circuits 54826
Tarvainen, E. *see* Riihisaari, T. 54812
Tarvainen, E. *see* Ronkainen, H. 53713
Tarver, R. *see* Donnelly, K.S. 11610
Tarvin, J.T. *see* McCauley, T.S. 40656
Tarzimyanov, A.N. *see* Ivonin, I.V. 21293
Tas, N., Sonnenberg, T., Jansen, H., Legtenberg, R., Elwenspoek, M. Stiction in surface micromachining 23035
Tas, N. *see* Jansen, H. 42495
Tasaka, K. *see* Oda, M. 1010
Tasaka, S. *see* Ishibashi, Y. 5770
Tasaka, S. *see* Jayasuriya, A.C. 32616
Tasaka, S. *see* Kato, M. 5853
Tasaka, S. *see* Nagano, H. 5879
Tasaka, T. *see* Kinouchi, Y. 44873
Tasca, R. *see* Brattoli, M. 25769
Tasch, A. *see* Yang, S.-H. 54344
Tasch, A.F. Ion implant modeling for ULSI CMOS technology development and manufacturing 54784
Tasch, A.F. *see* Angelo, D. 54814
Tasch, A.F. *see* Chindalore, G. 54647
Tasch, A.F. *see* Ghante, V. 12687
Tasch, A.F. *see* Hasnat, K. 12989
Tasch, A.F. *see* Morris, S. 12661
Tasch, A.F. *see* Morris, S. 54343
Tasch, A.F. *see* Morris, S.J. 42398
Tasch, A.F. *see* Parab, K.B. 12693
Tasch, A.F. *see* Picraux, S.T. 12702
Tasch, A.F. *see* Tian, S. 42397
Tasch, A.F. *see* Wei-Kai Shih 2689
Tasch, A.F. *see* Yong, S.-H. 12655
Tasch, A.F., Jr *see* Jallepalli, S. 2647
Tasch, A.F., Jr. *see* Jallepalli, S. 22859
Tasch, A.F., Jr. *see* Jallepalli, S. 41820
Tasch, A.F., Jr. *see* Jallepalli, S. 42326
Tasch, A.F., Jr. *see* McKeon, J.B. 54646
Tasch, S., Brandstaetter, C., Meghdadi, F., Leising, G., Froyer, G., Athouel, L. Red-green-blue light emission from a thin film electroluminescence device based on parahexaphenyl 44262
Tasch, S., Kranzelbinder, G., Leising, G., Scherf, U. Electric-field-induced luminescence quenching in an electroluminescent organic semiconductor 42043
Tasch, S. *see* Leising, G. 23663
Tasch, S. *see* Leising, G. 23691
Tascillo, M.A. *see* Skormin, V.A. 58303
Tascini, G., Zingaretti, P., Conte, G. Real-time inspection by submarine images 20970
Tascini, G. *see* Conte, G. 46279
Tascini, G., Esposito, F., Roberto, V., Zingaretti, P. *(editors)* Machine Learning and Perception 75
Tascon d'Leon, R. *see* Bonno, B. 7666
Tascone, R. *see* Savi, P. 41398
Taseli, H., Demiralp, M. A new approach to the classical Stokes flow problem: part I. Methodology and first-order analytical results 30649
Taseli, H., Eid, R. A new approach to the classical Stokes flow problem. II. Series solutions and higher-order applications 40213
Tasgal, R.S. *see* Malomed, B.A. 13573
Tashima, K., Zheng Tang, Ishizuka, O., Tanno, K. Synthesis of a T-Model neural-based digital arithmetic element 21848
Tashiro, D., Chandler, D., Cross, K. Using electronic systems to manage processes 38191
Tashiro, H. *see* Akagawa, K. 44658
Tashiro, H. *see* Matsushima, A. 45101
Tashiro, H. *see* Shinozaki, T. 33370
Tashiro, H. *see* Suda, A. 13962
Tashiro, H. *see* Suda, A. 13965
Tashiro, H. *see* Suda, A. 13969
Tashiro, H. *see* Suda, A. 33360
Tashiro, H. *see* Takasaki, T. 13944
Tashiro, H. *see* Wada, S. 3750
Tashiro, H. *see* Xiao-Wei Xia 28136
Tashiro, K. *see* Murakami, T. 49064
Tashiro, M. *see* Nakashima, Y. 54780
Tashiro, S., Ishiya, T., Igarashii, H. Effect of firing atmosphere on densification of semiconducting $(Ba,Sr)TiO_3$ ceramics and their dielectric properties and varistor characteristics 929
Tashiro, T., Sugiyama, M., Takemura, H., Ogawa, C., Kurisu, M., Kitahata, H., Morikawa, T., Nakamae, M. An advanced BSG self-aligned (A-BSA) transistor technology for high speed IC implementation 22949
Tashiro, T., Tatsumi, T., Sugiyama, M., Hashimoto, T., Morikawa, T. A selective epitaxial SiGe/Si planar photodetector for Si-based OEIC's 48550
Tashiro, T. *see* Morikawa, T. 48552
Tashiro, T. *see* Morimoto, T. 4618
Tashiro, Y. *see* Oshima, I. 44525
Tashiro, Y. *see* Suguri, K. 1447
Tashlinskii, A.G. Algorithm for the declusterization of connected detection zones in a sequence of images 34980
Tashlinskii, A.G. Estimation of image distortions in a sequence of frames 34981
Tashlinskii, A.G. *see* Krasheninnikov, V.R. 34976
Tashlinskii, A.G. *see* Krasheninnikov, V.R. 34977
Tasi, W.C. *see* Huang, G.W. 30748
Tasia, T. *see* Froidure, J.-C. 6738

Tasic, D., Rajakovic, N., Stajic, Z. An improved load model for voltage collapse analysis in transmission networks 19273
Tasic, D. *see* Rajakovic, N. 50325
Tasic, D. *see* Stajic, Z.P. 19713
Tasic, D.S. *see* Stajic, Z.P. 19712
Task, H.L. Effects of aircraft windscreen on helmet mounted display/tracker aiming accuracy 18634
Taskaev, E. *see* Taskaeva, M. 18153
Taskaeva, M., Taskaev, E., Penev, I. On the preparation of efficiency calibration standards for gamma-ray spectrometers 18153
Tasker, P.J. *see* Gobert, Y. 22788
Taskin, I. *see* Gamidov, R. 44514
Taskinen, H. *see* Hallikainen, M. 18877
Taskinen, J., Karlsson, M., Salo, J., Eskola, H. Recording methods for home monitoring 18189
Taskinen, K., Majamaa, T., Kuivalainen, P. Wigner-function modeling of mesoscopic semiconductor devices 54578
Taskinen, M. *see* Sopanen, M. 12216
Taslakov, M. *see* Kojouharov, R. 11700
Taslakov, M.A. Temperature compensated pressure sensor 17307
Tasoulis, A. *see* Fountas, N.A. 50466
Taspinar, N. A new stop-and-wait type-II hybrid ARQ scheme using rate-compatible convolutional codes 24646
Taspinar, N. *see* Yuksel, E.M. 37763
Tassano, J.B., Jr. *see* Page, R.H. 44524
Tasselli, J. *see* Granier, H. 22767
Tasset, F. *see* Surkau, R. 37093
Tassev, V., Diankov, G., Gospodinov, M. Doped sillenite crystals applicable for fiber-optic magnetic sensors 13740
Tassiulas, L. Null placement configurations for radio network capacity enhancement 6444
Tassiulas, L. Scheduling and performance limits of networks with constantly changing topology 57553
Tassiulas, L., Anjum, F.M. A hierarchical multiresolution registration structure for mobility tracking 47732
Tassiulas, L. *see* Georgiadis, L. 57649
Tassiulas, L. *see* Papavassiliou, S. 26496
Tassiulas, L. *see* Papavassiliou, S. 26619
Tassoni, C. *see* Filippetti, F. 9210
Tassoni, C. *see* Filippetti, F. 29335
Tassoni, C. *see* Filippetti, F. 60878
Tassoni, C. *see* Gentile, G. 20134
Tassy, I., Delaporte, P., Fontaine, B., Forestier, B., Sentis, M., Uteza, O. Influence of electrode material and roughness on the discharge quality of a high PRF long pulse XeCl laser 13941
Taswell, C. Speech compression with cosine and wavelet packet near-best bases 15059
Taszner, I., Rostan, F. Design and measured performance of dual polarised aperture-coupled microstrip patch antennas 56151
Tat, P. Alkaline etching and process control. I 31619
Tat, P. Alkaline etching and process control. II 41650
Tat-Kwan Yu *see* Luderman, B.L. 11451
Tat-Soon Yeo *see* Le-Wei Li 45322
Tatakis, E., Polyzos, N. Power losses simulation in practical zero-voltage switching quasi-resonant converters 9396
Tatakis, E. *see* Polyzos, N. 51362
Tatam, R.P. *see* Dockney, M.L. 48639
Tatam, R.P. *see* Egan, D.A. 48613
Tatam, R.P. *see* Ezbiri, A. 17445
Tatam, R.P. *see* Ezbiri, A. 36607
Tatam, R.P. *see* Huang, J.-R. 36927
Tatam, R.P. *see* Huang, J.-R. 48866
Tatam, R.P. *see* James, S.W. 36638
Tatam, R.P. *see* James, S.W. 48573
Tatam, R.P. *see* Jen-Rong Huang 27594
Tatarenko, S. *see* Etgens, V.H. 12756
Tatarenkov, V. *see* Gaigerov, B. 27332
Tatarinov, S.V., Tatarinov, V.N. Penumbra methods in the outward polarization meters' calibration problem for aperture synthesis 16919
Tatarinov, S.V. *see* Tatarinov, V.N. 27015
Tatarinov, V.N. Polarization invariants of the scattering matrix and stability of their statistical characteristics in the aperture synthesis problem 26954
Tatarinov, V.N., Karnychev, V.I., Tatarinov, S.V. Experimental investigations of polarization contrast of small radar objects 27015
Tatarinov, V.N. *see* Tatarinov, S.V. 16919
Tatarinova, N.V. Vacuum electrical strength increase resulting from suppression of micropore processes 23187
Tataronis, T.A. *see* Kothari, N.C. 3986
Tatasciore, P., Meyer-Piening, H.-R. On recovery of interference fringes in holographic interferometry 14416
Tatay, V. *see* Pastor, D. 3380
Tate, A. *see* Katoh, Y. 33456
Tate, A. *see* Malik, R.J. 1736
Tate, A. *see* Sugimoto, N. 3442
Tate, G.A. *see* Solomon, S.C. 60062
Tate, H., Goto, S., Takeuchi, S. A proposal on content information management for multimedia service navigation system 35820
Tate, K. *see* Doshi, P. 39196
Tate, M., Alexander, J. Teaching critical evaluation skills for World Wide Web resources 26137
Tate, M.W., Gruner, S.M., Eikenberry, E.F. Coupling format variations in X-ray detectors based on charge coupled devices 37572
Tate, N. *see* Hattori, T. 2377
Tate, T.J. *see* Syms, R.R.A. 4203
Tatebayashi, T. *see* Gorshe, S.S. 6837
Tateda, M. *see* Izumita, H. 13588
Tateda, M. *see* Kurashima, T. 33036
Tateda, M. *see* Ohashi, M. 43940
Tateda, M. *see* Shiraki, K. 13595
Tateiba, M. *see* Ishida, K. 45120
Tateiba, M. *see* Meng, Z.Q. 16853
Tateiba, M. *see* Ren, W. 56009
Tateishi, H. *see* Kaiho, K. 55074
Tateiwa, K. *see* Kato, Y. 43314
Tateno, H. *see* Ohki, M. 56016
Tateno, K. *see* Hirabayashi, K. 58084
Tateno, K. *see* Kohama, Y. 33533
Tateno, K. *see* Matsuo, S. 7322
Tateno, K. *see* Ohiso, Y. 44512
Tateno, M. *see* Kaminskii, A.A. 4012
Tateno, M. *see* Kaminskii, A.A. 44738
Tateno, M. *see* Nishioka, H. 44652
Tateno, Y., Takahashi, H., Takigawa, M. State of microwave power devices 1709
Tateno, Y. *see* Yamamoto, S. 8016
Tateno, Y. *see* Yamomoto, S. 28146
Tatesuki, K. *see* Okumura, K. 16527
Tateyama, K., Honma, S., Yamada, H., Saito, M. Barrier metals for use with high melting point solder bumps in flip-chip interconnections 10163
Tateyama, K. *see* Honma, S. 12013
Tateyama, K. *see* Honma, S. 52206
Tatibouet, J. *see* Zellouf, D. 11007
Tatikola, R. *see* Decker, D.R. 31512
Tatnall, C.J. *see* Atkinson, R. 13438
Tatsch, P.J. *see* Diniz, J.A. 12776
Tatsukawa, N. *see* Iwane, M. 1484
Tatsukawa, T. *see* Idehara, T. 36832
Tatsukawa, T. *see* Idehara, T. 53993
Tatsuma, T. *see* Oyama, N. 9488
Tatsuma, T. *see* Sotomura, T. 19960
Tatsumi, H. *see* Yamawaki, C. 27181
Tatsumi, K. Astigmatic characteristics of diffractive optical elements with aspherical phase term 14470
Tatsumi, M. *see* Fujiwara, S. 10665
Tatsumi, M. *see* Sawada, S. 31845
Tatsumi, T., Ansai, K., Hayakawa, K., Mukai, M. BARAS: Novel and highly efficient simulation system for process control sweeping and statistical variation 13103
Tatsumi, T. *see* Endo, K. 877
Tatsumi, T. *see* Endo, K. 40555
Tatsumi, T. *see* Imai, K. 2806
Tatsumi, T. *see* Koga, H. 41166
Tatsumi, T. *see* Matsubara, Y. 42668
Tatsumi, T. *see* Morikawa, T. 48552
Tatsumi, T. *see* Nakahara, Y. 2807
Tatsumi, T. *see* Tashiro, T. 48550
Tatsuno, T. *see* Yamamoto, K. 42432
Tatsuno, Y., Suzuki, S., Yokoya, N., Iwasa, H., Takemura, H. Analysis and synthesis of six primary facial expressions using range images 5622
Tatsuno, Y., Suzuki, S., Yokoya, N., Iwasa, H., Takemura, H. Analysis and synthesis of six primary facial expressions using cylindrical data 15818
Tatsuo Takada *see* Yongchang Zhu 54893
Tatsuoka, H., Kuwabara, H., Oshita, M., Nakamura, T., Fujiyasu, H., Nakanishi, Y. Epitaxial ferromagnetic MnSb layers on GaAs substrates grown by hot-wall epitaxy 13417
Tatsuta, M. *see* Oka, H. 49396
Tatsuta, S., Watanabe, H. Quality assurance of compound semiconductor devices 351
Tatsuyama, C. *see* Izumi, T. 795
Tatsuyama, C. *see* Mori, M. 794
Tatsuyama, C. *see* Nishiwaki, H. 30761
Tatti, M., Sala, G., Mantegazza, P. Interferometric optical strain gauge: production, use and comparison to conventional techniques 17421
Tatti, M., Sala, G., Mantegazza, P. Production and use of an interferometric optical strain gauge with comparison to conventional techniques 48569
Tatton, M. 25 kV trackside vacuum and SF_6 switchgear on Britain's railways 39307
Tatum, B.A. *see* Olsen, D.K. 49153
Tatum, R.P. Optoelectronic developments in speckle interferometry 33773
Tauasarov, K. *see* Aldabergenova, S.B. 10910
Taub, N. *see* Chroni, E. 28310
Taubenfeld, G. *see* Fischer, M.J. 16114
Tauber, D.A., Horita, M., Holmes, A.L., Jr., Miller, B.I., Bowers, J.E. The microstrip laser 44481
Tauber, D.A. *see* San-Liang Lee 14147
Taubin, G. *see* Bolle, R.M. 25479
Taubkin, I.I., Trishenkov, M.A. Information capacity of electronic vision systems 7400
Taubkin, I.I. *see* Morozov, V.A. 48548
Taubman, M.S. *see* Bachor, H.-A. 23832
Taubner, A., von Martens, H.-J. Development of special diffraction grating interferometers to realize and disseminate the unit of angular acceleration 48928
Taucher, F., Evans, I. Defect detection and control in an analog CMOS-process 43312
Tauchi, T. *see* Tsukamoto, T. 37401
Taud, H., Parrot, J.-F. Extraction of structural features on SAR images: an adaptive version of the HK-Filter 48072
Taudt, W., Hardt, A., Lampe, S., Hamadeh, H., Heuken, M. Nitrogen as carrier gas for the growth of ZnSe and ZnSe:N in plasma enhanced metalorganic vapor phase epitaxy 40469
Taudt, W., Lampe, S., Sauerlaender, F., Soellner, J., Hamadeh, H., Heuken, M., Jones, A.C., Rushworth, S., O'Brien, P., Malik, M.A. Nitrogen doping of ZnSe with trimethylsilylazide, triallylamine or bisditrimethylsilylamidozinc during metalorganic vapour phase epitaxy 40588
Taudt, W. *see* Boemare, C. 22314
Taudt, W. *see* Gurskii, A.L. 40476
Taudt, W. *see* Heuken, M. 40319
Taudt, W. *see* Proesch, G. 40477
Taudt, W. *see* Yablonskii, G.P. 55601
Taufflieb, E., Joulin, D., Martin, P., Lefevre, H.C. Pulsed erbium doped fiber source using double-pass amplifier and a pulsed laser diode 23778
Taufflieb, E. *see* Cerre, N. 26688
Taufflieb, E. *see* Gaiffe, T. 27632
Tauimoto, D.H. *see* Binun, P.W. 14044
Taulbee, T.D., Rooney, B.D., Mengesha, W., Valentine, J.D. The measured electron response nonproportionality of CaF_2, BGO, LSO, and GSO 59272
Taumi, S., Ozawa, K., Nomura, T., Serizawa, M. Low-delay CELP with multi-pulse VQ and fast search for GSM EFR 15058
Taunay, T., Bernage, P., Martinelli, G., Douay, M., Niay, P., Bayon, J.F., Poignant, H. Photosensitization of terbium doped alumino-silicate fibres through high pressure H_2 loading 13617
Taunay, T., Niay, P., Bernage, P., Douay, M., Xie, W.X., Pureur, D., Cordier, P., Bayon, J.F., Poignant, H., Delevaque, E., Poumellec, B. Bragg grating inscriptions within strained monomode high NA germania-doped fibres. I. Experimentation 43967
Taunay, T. *see* Bernage, P. 23472
Taunay, T. *see* Xie, W.X. 24284
Tauno, M. *see* Shibahara, K. 43064
Taunton, M. *see* Redford, J. 47163
Taur, J.S., Tao, C.W. Medical image compression using principal component analysis 59550
Taur, Y. *see* Chen, W. 2799
Taur, Y. *see* Jenkins, K.A. 13003
Taur, Y. *see* Lo, S.-H. 54648
Taur, Y. *see* Wann, C. 43099
Taur, Y. *see* Wong, H.-S. 2646
Taura, K. *see* Kato, H. 7061
Taura, T. *see* Numata, J. 107
Taurbaev, T.I. *see* Aldabergenova, S.B. 10910
Tauriainen, S. *see* Hallikainen, M. 18877
Taurigna-Quere, M. *see* Garvey, T. 49193
Taurin, M. *see* Loheac, J.-L. 1281
Taurino, A. *see* Manno, D. 31867
Tauritz, J.L. *see* Steenbergen, C.A.M. 16742
Tauritz, J.L. *see* Sun, Y. 53711
Tauritz, J.L. *see* Tieman, T.C.B. 53658
Tausch, H.J. *see* Barnaby, H. 22957
Tausch, J., White, J. Mesh refinement strategies for capacitance extraction based on residual errors 41529
Tauschwitz, A., Yu, S.S., Eylon, S., Bangerter, R.O., Leemans, W., Peters, C., Rasmussen, J.O., Reginato, L., Barnard, J.J., Sharp, W.M. Plasma lens focusing and plasma channel transport for heavy ion fusion 59162
Tauschwitz, A. *see* Stetter, M. 59163
Tauschwitz, A. *see* Yu, S.S. 59107
Tauseef ur Rehman, S. *see* Ahmad, N. 18112
Tauss, J.W., Goff, R.C. WSR-88D products for air traffic consideration and use 59982
Taussig, R. *see* Cunliffe, J. 7683
Taut, C. *see* Kononenko, T.V. 43383
Taute, B.J.E. *see* Kouyoumjian, R.G. 14586
Tautenhahn, U. Error estimates for regularization methods in Hilbert scales 21117
Tautges, J. *see* Blacker, T. 30667
Tautscher, C.J. Batch cleaning with water containing emulsified organic solvent. A new and hybrid process concept designed for cost effective bipolar cleaning with low VOC emissions 30407
Tautscher, C.J. Optimizing saponifier performance in batch cleaning systems 41670
Tautz, M. *see* Cooke, D.L. 8223
Tautz, M.F. *see* Enloe, C.L. 44912
Tautz, S. *see* Keil, U.D. 22482
Tavakkoli, J., Birer, A., Arefiev, A., Prat, F., Chapelon, J.-Y., Cathignol, D. A piezocomposite shock wave generator with electronic focusing capability: application for producing cavitation-induced lesions in rabbit liver 49780
Tavakoli, A., Fard, A., Moini, R. Analysis of dual-arm logarithmic spiral microstrip patch antennas 34296
Tavakoli, A., Samiee, M., Rafi, G.Z., Moini, R. A time-domain analysis of a wide-band circularly-polarized crossed-slot antenna 34349
Tavakoli, A. *see* Bouzari, H. 34231
Tavakoli, A. *see* Moini, R. 35932
Tavangarian, D. *see* Dicken, H. 9869
Tavares, A. *see* Araujo, R.E. 9575
Tavares, A. *see* Van-Dat Cung 52520
Tavares, D. *see* Shadaram, M. 36775
Tavares, H.M.F. *see* Caminhas, W.M. 9220
Tavares, M.V. *see* Deppman, A. 37528
Tavares, S.E. *see* Doyle, E.M. 45633
Tavares, S.E. *see* Leung, G. 6677
Tavares, S.E. *see* Youssef, A.M. 4508
Tavares, S.E. *see* Youssef, A.M. 45634

Tavarez, M. *see* Croce, F. 29561
Tavazza, F. *see* Goncalves-Conto, S. 52613
Taveres, S.E. *see* Youssef, A.M. 45622
Taverner, D., Barcelos, S., Zervas, M.N., Reekie, L., Laming, R.I., Dong, L., Cruz, J.L., Richardson, D.J. Pulse restoration quality in dispersion compensation and chirped pulse amplification systems using fibre gratings 13601
Taverner, D., Galvanauskas, A., Harter, D., Richardson, D.J., Dong, L. Generation of high-energy pulses using a large-mode-area erbium-doped fiber amplifier 33407
Taverner, D., Richardson, D.J., Dong, L., Capiens, J.E., Williams, K., Penty, R.V. 158-μJ pulses from a single-transverse-mode, large-mode-area erbium-doped fiber amplifier 55535
Taverner, D. *see* Lees, G.P. 44377
Tavernier, R. *see* Dimmer, C. 28382
Tavernier, S. *see* Auffray, E. 18084
Tavernier, S. *see* Auffray, E. 37281
Tavernier, S. *see* Liu Xuan 37669
Tavernor, A.W. *see* Close, J.A. 43493
Tavian, L. *see* Benda, V. 49014
Tavian, L. *see* Bezaguet, A. 49013
Tavian, L. *see* Lebrun, P. 49079
Tavlet, M. *see* Coninckx, F. 28477
Tavlet, M. *see* Humer, K. 59113
Tavlet, M. *see* Zeneli, D. 28478
Tavlykaev, R. *see* Ramaswamy, R. 55289
Tavlykaev, R. *see* Wang, W. 55308
Tavlykaev, R.F. *see* Maring, D.B. 44022
Tavlykaev, R.F. *see* Samson, S.A. 23578
Tavner, A.C.R. *see* Richardson, R.N. 43853
Tavsanoglu, V. *see* Finger, L. 32910
Tavsanoglu, V. *see* Finger, L. 55126
Tavsanoglu, V. *see* Tufan, E. 4792
Tavsanoglu, V. *see* Tufan, E. 5165
Tawada, S. *see* Nakamura, K. 53201
Tawfik, M.A. *see* Mohammed, I.A. 33832
Taxt, T. *see* Luren Yang 57149
Taxt, T. *see* Trier, O.D. 8418
Tay, A.A.O., Lin, T.Y. Effects of moisture and delamination on cracking of plastic IC packages during solder reflow 201
Tay, A.A.O., Lin, T.Y. Moisture diffusion and heat transfer in plastic IC packages 260
Tay, A.A.O. *see* Wu, J.H. 222
Tay, C.J., Shang, H.M., Choong, D. Cross influence of coordinate and slope related fringes during shearographic profiling 7631
Tay, C.J. *see* Asundi, A. 48620
Tay, C.J. *see* Shang, H.M. 21399
Tay, D.B.H. Improved design of causal stable IIR perfect reconstruction filter banks using transformations of variables 41333
Tay, K.-W. *see* Chen, Y.L. 45669
Tay, K.M. RENA–a software toolkit for experimental designs incorporating neural networks analyser 52122
Tay, K.M., Butler, C. Modelling and optimizing of a MIG welding process–a case study using experimental designs and neural networks 52192
Tay, M.T.W. *see* Hong, Y.E. 43310
Tay, S.N. *see* Tan, F.L. 51896
Tay, S.P. *see* Lu, Z.H. 54399
Tay, T.E. *see* Shang, H.M. 21399
Tay Nam-Beng *see* Nam-Beng Tay
Tay-Jian Liu *see* Chien-Yeh Chang 50726
Taya, H., Yaguchi, S., Sato, T., Yoshinuma, M. Fusion splicing technique for aerial optical cables in access networks 26921
Taya, T. *see* Yoshida, A. 1175
Tayama, C. *see* Iwao, T. 37645
Tayama, N. *see* Hasegawa, T. 39733
Tayebati, P., Hantzis, C., Sacks, R.N. Monolithic p-i-n GaAlAs multiple quantum well photorefractive device 33119
Tayebati, P. *see* Nelson, T.R., Jr. 3934
Tayel, M., Shalaby, H., Saleh, H. Winner-take-all neural network for visual handwritten character recognition 57050
Tayel, M. *see* Kamiel, Z. 61087
Taylor, A. *see* Bright, E. 39798
Taylor, A. *see* Zipp, J. 28937
Taylor, A.D., Cervera, M.A., Elford, W.G., Steel, D.I. A new technique for radar meteor speed determination: inter-pulse phase changes from head echoes 48203
Taylor, A.D., Zwicker, W.S. Quasi-weightings, trading, and desirability relations in simple games 10269
Taylor, A.G., Turner, A.R., Pemble, M.E., Joyce, B.A. Dynamic reflectance anisotropy and reflectance measurements of the deposition of Si on GaAs(001)-c(4×4) 41856
Taylor, A.J., Rodriguez, G., Clement, T.S. Determination of n_2 by direct measurement of the optical phase 17837
Taylor, B. DSP filters in FPGAs for image processing applications 48401
Taylor, B. *see* Bergan, A.T. 59041
Taylor, B. *see* El-Gizawy, A.S. 39746
Taylor, B. *see* Lizhong Zhu 41290
Taylor, B.A. VME based ground stations at McDonnell Douglas Aerospace flight test 8238
Taylor, C.C. *see* Smyth, P.P. 28144
Taylor, C.D., Gutierrez, S.J., Langdon, S.L., Murphy, K.L., Walton, W.A., III Measurement of RF propagation into concrete structures over the frequency range 100 MHz to 3 GHz 45123
Taylor, C.D. *see* Donohoe, J.P. 45198
Taylor, C.D. *see* Ruberg, L.F. 20565
Taylor, C.J., Malik, J., Weber, J. A real-time approach to stereopsis and lane-finding 25771
Taylor, C.J. *see* Edwards, G.J. 57511
Taylor, C.J. *see* Hill, A. 5111
Taylor, C.J. *see* Lanitis, A. 15536
Taylor, C.T., Notcutt, M., Wong, E.K., Mann, A.G., Blair, D.G. Measurement of the thermal expansion coefficient of a cryogenic all-sapphire optical cavity 24038
Taylor, C.T. *see* Blair, D.G. 33204
Taylor, C.T. *see* Notcutt, M. 24040
Taylor, C.W., Erickson, D.C. Recording and analyzing the July 2 cascading outage [Western USA power system] 28736
Taylor, C.W. *see* Rovnyak, S.M. 28783
Taylor, D. Distributed multimedia for a song 6323
Taylor, D. *see* Binns, R.J. 1622
Taylor, D. *see* Milne, A. 54756
Taylor, D.G. *see* Al-Numay, M. 1136
Taylor, D.J. *see* Bo Jiang 3002
Taylor, D.J. *see* Zurcher, P. 1378
Taylor, D.M. *see* Gunatunga, S.R. 21325
Taylor, D.M. *see* Jones, G.W. 22759
Taylor, D.P. *see* Blaikie, R.J. 24640
Taylor, D.P. *see* Griffin, A. 4427
Taylor, D.P. *see* Hart, B. 6457
Taylor, D.P. *see* Hart, B. 47621
Taylor, E.W., Winter, J.E., Sanchez, A.D., McKinney, S.J. Radiation induced polarization changes in photonic devices 44124
Taylor, E.W. *see* Paxton, A.H. 44125
Taylor, F., Mellott, J.D., Lewis, M. Spectra–a hands-on DSP learning experience 9924
Taylor, F. *see* Abe, K. 59233
Taylor, F. *see* Koren, I. 18375
Taylor, F. *see* Mellott, J.D. 21754
Taylor, G., Wong, K. Power-on contention elimination [CMOS digital circuits] 1210
Taylor, G. *see* Baxter, G.M. 7895
Taylor, G.A., Ecklund, K., Dunning, P.S. Renal cortical perfusion in rabbits: visualization with color amplitude imaging and an experimental microbubble-based US contrast agent 37761
Taylor, G.A. *see* Greenberg, R.S. 37760
Taylor, G.E. *see* da Silva, J.M. 21822
Taylor, G.F., Geannopoulos, G. Microprocessor clock distribution 41221
Taylor, G.G., Little, G. The Fox Movietone News Preservation Project: electronics 17097
Taylor, G.N. *see* Beringer, J. 37394
Taylor, G.W., Kwan, C. Determination of diffraction efficiency for a second-order corrugated waveguide 23538
Taylor, H.A. Economic, efficient and effective: competitive today and tomorrow 11871
Taylor, H.F. *see* Jong-Chul Lee 3667
Taylor, H.F. *see* Jong-Chul Lee 6724
Taylor, H.F. *see* Park, J. 17429
Taylor, J. *see* Akbari-Dilmaghani, R. 1672
Taylor, J. *see* Demosthenous, A. 11629
Taylor, J.A., Webster, C.W.R. Universalism: public services and citizenship in the information age 46851
Taylor, J.A. *see* McNevin, S.C. 42580
Taylor, J.D. *see* Shutt, T. 37472
Taylor, J.G. *see* Beiu, V. 1655
Taylor, J.G. *see* Beiu, V. 32483
Taylor, J.H. *see* Sharif, S.S. 50400
Taylor, J.R. *see* Boskovic, A. 33007
Taylor, J.R. *see* Chernikov, S.V. 13998
Taylor, J.R. *see* Chernikov, S.V. 33418
Taylor, J.R. *see* Chernikov, S.V. 55520
Taylor, J.R. *see* Guy, M.J. 14103
Taylor, J.R. *see* Guy, M.J. 26758
Taylor, J.R. *see* Tong, Y.P. 44405
Taylor, J.W. *see* Dentinger, P.M. 32281
Taylor, J.W. *see* Skrobis, R.J. 22699
Taylor, K. *see* Chatterjee, A. 2805
Taylor, K. *see* Chatterjee, A. 54800
Taylor, K. *see* Nag, S. 42596
Taylor, K.D., Honchell, J.W., DeWitt, W.E. Distance learning in courses with a laboratory 20465
Taylor, K.J. *see* Dixit, G.A. 2442
Taylor, L. Event display for the CMS experiment 49322
Taylor, L., Richardson, R.M., Ebbutt, J., Jones, J.C., Haslam, S.D. X-ray diffraction studies of surface stabilised ferroelectric liquid crystals in both low and high pretilt devices 44107
Taylor, L. *see* Alverson, G. 18085
Taylor, L. *see* Bohn, F. 47607
Taylor, L. *see* Chevrel, S. 47078
Taylor, L. *see* Sutton, J. 6047
Taylor, L.D. *see* Rappoport, P.N. 57753
Taylor, L.H. *see* Suhre, D.R. 3972
Taylor, L.M. *see* Roth, M.E. 19938
Taylor, M. Converging on multimedia 6339
Taylor, M. LAN emulation over ATM 47170
Taylor, M. *see* Migdal, J. 46957
Taylor, M. *see* Thayne, I. 53649
Taylor, M., III Incircuit test fixturing for high technology printed circuit boards 53735
Taylor, M.B., Clark, E., Offord, E.A., Baxter, C. A comparison of energy expenditure by a high level trans-femoral amputee using the Intelligent Prosthesis and conventionally damped prosthetic limbs 8145
Taylor, M.E., Wight, S.A. A new method for low-magnification in the environmental scanning electron microscope 12131
Taylor, M.J., Boor, R., Ekert, P.G. Preterm maturation of the somatosensory evoked potential 18408
Taylor, M.J., Pizzolato, R., Griffiths, H., Ferris, R., Thomas, E. The reduction of ground return fault current by the presence of an earth conductor in overhead distribution circuits 19319
Taylor, N. *see* Kim, H. 10750
Taylor, N. *see* Pridmore, T.P. 46469
Taylor, N.H. *see* Feced, R. 23513
Taylor, O. *see* Fenn, S.T.J. 41025
Taylor, P. *see* Dinan, J.H. 36671
Taylor, P. *see* Liptrot, E. 36966
Taylor, P. *see* Meyer, B. 17486
Taylor, P.J., Jesser, W.A., Rosi, F.D., Derzko, Z. A model for the non-steady-state temperature behaviour of thermoelectric cooling semiconductor devices 61104
Taylor, P.M. *see* Gilbert, J.M. 39264
Taylor, R. Non-repudiation without public-key 24761
Taylor, R., Arent, D., Baldwin, S., McConnell, R., Stone, J., Ullal, H., Warner, C., Wallace, W., Klimas, P., Richards, E., Hanley, C., Strachan, J. Opportunities and issues in international photovoltaic market development 50837
Taylor, R., Poor, H.V., Forrest, S. Phase noise in coherent analog AM-WIRNA optical links 58267
Taylor, R. *see* Muljadi, E. 29928
Taylor, R. *see* Wenger, H. 50826
Taylor, R.B., Burrows, P.E., Forrest, S.R. An integrated, crystalline organic waveguide-coupled InGaAs photodetector 36573
Taylor, R.P., Newbury, R., Sachrajda, A.S., Feng, Y., Coleridge, P.T., Dettmann, C., Ningjia Zhu, Hong Guo, Delage, A., Kelly, P.J., Wasilewski, Z. Self-similar magnetoresistance of a semiconductor Sinai billiard 42074
Taylor, R.P. *see* Bird, J.P. 12467
Taylor, R.P. *see* Bird, J.P. 42235
Taylor, R.P. *see* Follett, R.F. 49854
Taylor, R.P. *see* Sachrajda, A.S. 32351
Taylor, R.V. *see* Leitz, W.E. 23016
Taylor, R.W. *see* Warner, C.L. 50838
Taylor, S. SMDS and the broadband future 26173
Taylor, S. *see* Chappel, D.C. 22572
Taylor, S. *see* Griffin, N. 42087
Taylor, S. *see* Syms, R.R.A. 4203
Taylor, S. *see* Wright, D. 6598
Taylor, S.J., Yamaguchi, M., Ming-Ju Yang, Imaizumi, M., Matsuda, S., Kawasaki, O., Hisamatsu, T. Type conversion in irradiated silicon diodes 54574
Taylor, S.J. *see* Ming-Ju Yang 38986
Taylor, S.J. *see* Yamaguchi, M. 37975
Taylor, S.J. *see* Yamaguchi, M. 37976
Taylor, S.J. *see* Yamaguchi, M. 51581
Taylor, S.J. *see* Yamaguchi, M. 61090
Taylor, S.J.G., Perry, J.S., Meswania, J.M., Donaldson, N., Walker, P.S., Cannon, S.R. Telemetry of forces from proximal femoral replacements and relevance to fixation 37877
Taylor, S.R. *see* Hawick, K.A. 58249
Taylor, T., Ila, D., Zimmerman, R.L., Ashley, P.R., Poker, D.B. MeV ion beam induced index of refraction changes in layered GaAs/AlGaAs waveguides 13668
Taylor, T., Maston, G.A. Standard test interface language (STIL) a new language for patterns and waveforms 40972
Taylor, T., Mistry, K. Power: The broadband challenge [alternative power methods for telecommunications and CATV companies] 9372
Taylor, T.S., Kransteuber, A.S., Gregory, D.A., McClain, J.L. Optical processing through turbulent media 5458
Taylor, W. *see* Goddard, B.J. 27983
Taylor, W. *see* Xu, N.S. 43443
Taylor, W.A. Quick switching systems 39901
Taylor, W.A. A program for selecting quick switching systems 39902
Taylor, W.L. New technologies for satellite inertial reference systems 49899
Taylor, W.P., Allen, M.G., Dauwalter, C.R. A packaging compatible fully integrated micromachined relay 53726
Taylor, W.R. Dodging those mysterious field failure bullets 30330
Taylor, W.W.L. *see* Greenwald, R.A. 38062
Taymaz, A. *see* Breiki, G. 37931
Tayor, J. *see* Boning, D.S. 42492
Tayrani, R. *see* Daniel, T. 42946
Tayu, S., Ueno, S. Efficient embeddings of binary trees with bounded proper pathwidth into paths and grids 30486
Tayursky, V. *see* Arisaka, K. 37239
Tayursky, V. *see* Arisaka, K. 37460
Tayursky, V. *see* Buzykaev, A. 37237
Tazaki, S. *see* Yoshino, S. 3494
Tazawa, H. *see* Takubo, C. 20939
Tazawa, K. *see* Ishikawa, N. 38655
Tazawa, S. *see* Akazawa, M. 12957
Tazebay, M.V., Akansu, A.N. Performance analysis of direct sequence spread spectrum communications system employing interference excision 47568
Tazebay, M.V. *see* Akansu, A.N. 25894
Tazebay, M.V. *see* Akansu, A.N. 47556

Tazon, A. *see* Herrera, A. 58240
Tazzari, S. *see* Alessandria, F. 49017
Tazzari, S. *see* Castellano, M. 37018
Tazzari, S. *see* Minestrini, M. 37114
Tazzioli, F. *see* Castellano, M. 37018
Tcha Dong-Wan *see* Dong-Wan Tcha
Tchamdjou, A. *see* Wu, T.S. 38826
Tchamov, N., Popov, A., Jarske, P. 1 GHz 2 V BiCMOS ICO/VCO 1184
Tchamov, N., Popov, A., Jarske, P. New low-power ICO/VCO with double cross-coupled high-speed architecture 53071
Tchamov, N.T., Jarske, P. 1.2 V gigahertz-resonance-ring ICO/VCO 41521
Tchamova, A. Evidence reasoning theory with application to the identity estimation and data association systems 45887
Tchashnicov, I.G. *see* Brylevsky, V.I. 51404
Tchashnicov, I.G. *see* Brylevsky, V.I. 51405
Tchashnikov, I.G. *see* Efanov, V.M. 51402
Tcheliebou, F., Baik, S. Influence of the laser wavelength on the microstructure of laser ablated $Ba_{0.5}Sr_{0.5}TiO_3$ films 2954
Tcheng, T.K., Gillette, M.U. A novel carbon fiber bundle microelectrode and modified brain slice chamber for recording long-term multiunit activity from brain slices 28358
Tcherednichenko, O.B. *see* Tikhonravov, A.V. 3499
Tcheremiskine, V.I. *see* Sentis, M.L. 44342
Tcherniega, N.V. *see* Kudryavtseva, A.D. 4989
Tchernyshev, V.P. *see* Akimov, D.Yu. 37245
Tchofo Dinda, P., Millot, G., Seve, E., Haelterman, M. Demonstration of a nonlinear gap in the modulational instability spectra of wave propagation in highly birefringent fibers 3369
Tchoi Won *see* Won Tchoi
Tchornyj, E.A., Bedriy, R.B. Methods of improving radiation resistance of hybrid integral circuits elements 31637
Tchorz, J. *see* Kasper, K. 34673
Tchorz, J. *see* Kollmeier, B. 34672
Tchoumatchenko, V., Vassileva, T., Ribas, R., Guyot, A. FPGA design migration: some remarks 11437
Tchoumatchenko, V. *see* Vassileva, T. 11384
Tchounkeu, M. *see* Briot, O. 54092
Tchuyan, R.K. *see* Bourgasov, M.P. 18701
Tchyuan, R.K. Some problems and results of electric propulsion optimization [space power] 18730
te Brake, G.M *see* M te Brake, G.
Te Kolste, R.D. *see* Feldman, M.R. 3521
te Nijenhuis, J., Hageman, P.R., Giling, L.J. Dependence of indium incorporation upon the substrate misorientation during growth of $In_xGa_{1-x}As$ by metalorganic vapour phase epitaxy 10689
te Nijenhuis, J., van der Wel, P.J., van Eck, E.R.H., Giling, L.J. Misfit dislocation formation in lattice-mismatched III-V heterostructures grown by metal-organic vapour phase epitaxy 12358
te Nijenhuis, J. *see* Hageman, P.R. 42374
Te Sun Han *see* Ahlswede, R. 34599
Te Sun Han *see* Kato, A. 45499
Te Sun Han *see* Verdu, S. 56319
Te Sun Hao, Hoshi, M. Interval algorithm for random number generation 34499
Te-Kai Liu Capacity of wireless CDMA networks supporting integrated voice/video services 47640
Te-Ming Tu, Chin-Hsing Chen, Chein-I Chang A posteriori least squares orthogonal subspace projection approach to desired signature extraction and detection 28679
Te-Son Kuo *see* Chii-Wann Lin 15235
Te-Son Kuo *see* Gwo-Ching Chang 49790
Te-Wen Pan *see* Ching-Wen Hsue 24511
Teague, E.C. *see* Cresswell, M.W. 32319
Teague, Z. *see* Sarkisov, S. 33100
Teak Lee Byoung *see* Byoung Teak Lee
Tealdi, D.A. *see* Lindquist, C.S. 15510
Tealdi, D.A. *see* Lindquist, C.S. 50068
Tean-Sen Jen, Nerng-Fu Shin, Li-Hong Laih, Yen-Ann Chen, Jyh-Wong Hong, Chun-Yen Chang Electrical and luminescent characteristics of a-SiC:H p-i-n thin-film LED'S with graded-gap junctions 44286
Tean-Sen Jen *see* Li-Hong Laih 58761
Teare, S.K. *see* Cermak, G.W. 35856
Tearney, G. *see* Swanson, E.A. 18246
Tearney, G.J. *see* Bouma, B.E. 18289
Tearney, G.J. *see* Swanson, E.A. 11024
Teasley, R.W., Almeida, J.G., Robinson, R.B., Jr. Managing technology transfer for value creation and competitive advantage: toward a contingency-based, information processing model 9966
Tebeanu, T., Neculoiu, D. Microwave power generation using double barrier resonant tunnel diodes 41451
Tebeanu, T. *see* Neculoiu, D. 41452
Tebeau, P., Douligeris, C., Collins, J. Meeting user needs in designing oil spill information management systems 50220
Teboul, S. *see* Blanc-Feraud, L. 57269
Tecchio, L. *see* Ciullo, G. 49158
Techentin, R.W. *see* Guang-Tsai Lei 45282
Techentin, R.W. *see* Lei, G.T. 53851
Teck Chew Siou *see* Siou Teck Chew
Teck Ng Wee *see* Wee Teck Ng
Teck-Hon Hu, Liu, M.M.K. Power control for wireless multimedia CDMA systems 58003
Teckyong Tou *see* Yeeping Yap 13985
Tedder, L.L. *see* Chowdhury, A.I. 40612
Tedenac, J.C. *see* Ferhat, M. 10698
Tedenac, J.C. *see* Ferhat, M. 10782
Tedenac, J.C. *see* Ferhat, M. 21247
Tedenac, J.C. *see* Tomasini, P. 10764
Tedesco, S. *see* Benistant, F. 22839
Tedesco, S. *see* Pelloie, J.L. 22816
Tedesco, S. *see* Raynaud, C. 22963
Tedford, D.J. *see* Banford, H.M. 2974
Tedford, D.J. *see* Banford, H.M. 2975
Tee Hiang Cheng *see* Cheng Tee Hiang
Teegan, H.A. Distributed performance monitoring using SNMP V2 35642
Teegarden, B. *see* Stahle, C.M. 37354
Teegarden, B.J. *see* Kurczynski, P. 59369
Teepen, M.J. *see* Van Veen, R.G. 42496
Teerlinck, I., Mertens, P.W., Meuris, M., Heyns, M.M. Optimized HF solutions for ultra-clean Si surfaces 2363
Teerlinck, I., Mertens, P.W., Schmidt, H.F., Meuris, M., Heyns, M.M. Impact of the electrochemical properties of silicon wafer surfaces on copper outplating from HF solutions 1987
Teerlinck, I., Schmidt, H.F., Rotondaro, A.L.P., Hurd, T.Q., Mouche, L., Mertens, P.W., Meuris, M., Heyns, M.M., Vanhaeren, D., Vandervorst, W. Impact of the electrochemical properties of silicon wafer surfaces on copper outplating from HF solutions 42561
Teerlinck, I. *see* Schmidt, H.F. 42477
Teertstra, P., Culham, J.R., Yovanovich, M.M. Comprehensive review of natural and mixed convection heat transfer models for circuit board arrays 52258
Teertstra, P., Culham, J.R., Yovanovich, M.M., Lee, S. Analytical model for simulating the thermal behavior of microelectronic systems 30304
Teertstra, P., Yovanovich, M.M., Culham, J.R. Pressure loss modeling for surface mounted cuboid-shaped packages in channel flow 52290
Teeters, J., Jacobs, A., Werblin, F. How neural interactions form neural responses in the salamander retina 46164
Tefiku, F., Yamashita, E. Double-sided printed strip antenna for dual frequency operation 35930
Tegethoff, M. *see* Frayman, F. 30177
Tegethoff, M. *see* Vonkyoung Kim 43265
Tegethoff, M.M.V., Parker, K.P., Lee, K. Opens board test coverage: when is 99% really 40%? 41579
Tegetmeier, A., Croell, A., Danilewsky, A., Benz, K.W. GaSb: surface tension and floating-zone growth 10641
Tegetmeier, A. *see* Croell, A. 10591
Teggart, B. *see* Papakonstantinou, P. 23349
Teggatz, R. *see* Marshall, A. 23006
Teggatz, R. *see* Mayfield, A. 21501
Teghil, R. *see* Guidoni, A.G. 52763
Teghil, R. *see* Mele, A. 21363
Tegmark, M., Efstathiou, G. A method for subtracting foregrounds from multifrequency CMB sky maps 7025
Tegopoulos, J.A. *see* Kandianis, T. 51754
Tegopoulos, J.A. *see* Kladas, A.G. 44957
Tegou, E., Gogolides, E., Hatzakis, M. Thermal analysis of photoresists in aid of lithographic process development 42828
Tegou, E. *see* Gogolides, E. 2487
Teguar, M. *see* Mekhaldi, A. 60418
Tegude, F.-J. *see* Bertenburg, R.M. 53047
Tegude, F.-J. *see* Umbach, A. 3650
Tegude, F.-J. *see* Umbach, A. 6867
Tegude, F.J. *see* Auer, U. 53681
Tegude, F.J. *see* Lindner, A. 40358
Tegude, F.J. *see* van Waasen, S. 47939
Tegude, F.J. *see* Velling, P. 53476
Teh-Ho Chen *see* Chen Teh-Ho
Teh-Hong Lee, Burnside, W.D. Compact range reflector edge treatment impact on antenna and scattering measurements 24589
Teh-Hua Ju *see* McLaren, T.S. 58394
Teheran, P. *see* Florez, M. 39106
Teheran, P. *see* Gordillo, G. 849
Tehranchi, B., Howe, D.G. Error characteristics of read-only-memory versus write-once-read-many compact discs: CD-ROM versus CD-WORM 3334
Tehrani, F.T., Roum, J.H. Closed-loop control of artificial respiration 37838
Tehrani, P.F., Yuzbe Chen, Jiayuan Fang Extraction of transient behavioral model of digital I/O buffers from IBIS 2427
Tehrani, S., Chen, E., Durlam, M., Zhu, T., Goronkin, H. High density nonvolatile magnetoresistive RAM 43728
Tehrani, S. *see* Huang, J.H. 42284
Tehrani, S. *see* Martinez, M.J. 43120
Tei-Wei Kuo *see* Ming-Chung Liang 5867
Teich, G. *see* Strebel, B. 26749
Teich, J. Hardware/software codesign: tailor made electronic systems. I. HW/SW architectures and specifications 31049
Teich, J., Blickle, T., Thiele, L. An evolutionary approach to system-level synthesis 47467
Teich, J. *see* Schwarz, C. 46267
Teich, T.H. Measurement of fundamental discharge coefficients 2962
Teichert, J., Bischoff, L., Hausmann, S. Fabrication of MSM detector structures on silicon by focused ion beam implantation 48549
Teichert, J. *see* Hesse, E. 7779
Teichert, St., Kilper, R., Erben, J., Franke, D., Gebhard, B., Franke, T., Haussler, P., Henrion, W., Lange, H. Preparation and properties of thin polycrystalline $MnSi_{1.73}$ films 895
Teichgraeber, R.D., Fischer, C.L., Abernathy, D.S., Berning, S. Application of the hollow core optical sensor to measurement of static structural bending 50254
Teichmann, S., Larsson, B., Tuor, S. 3-D track analysis using a confocal laser scanning microscope 7826
Teichtmeister, C. *see* Moser, E. 37621
Teigelkotter, J. *see* Steimel, A. 40897
Teijido, J.M., Herzig, H.P., Dandliker, R., Grupp, J., Poli, J. Design of a non-conventional illumination system using a scattering light pipe 3637
Teik-Meng Lee *see* Dunn, T.J. 22718
Teillet, J. *see* Ravach, G. 3068
Teillet, P.M. *see* O'Neill, N.T. 35225
Teillet-Billy, D. *see* Spataru, C. 22161
Teillet-Billy, D. *see* Spataru, C. 53946
Teiqun Zhang *see* Yong-Jing Wang 13739
Teisseyre, H., Kozankiewicz, B., Leszczynski, M., Grzegory, I., Suski, T., Bockowski, M., Porowski, S., Pakula, K., Mensz, P.M., Bhat, I.B. Pressure and time-resolved photoluminescence studies of Mg-doped and undoped GaN 22237
Teisseyre, H., Leszczynski, M., Suski, T., Grzegory, I., Bockowski, M., Jun, J., Porowski, S., Pakula, K., Robert, J.-L., Beaumont, B., Gibart, P., Vaille, M., Faurle, J.P. Homoepitaxial layers of gallium nitride grown by metalorganic vapour phase epitaxy 40442
Teisseyre, H. *see* Leszczynski, M. 40299
Teisseyre, H. *see* Suski, T. 21220
Teissier, G. *see* Droguet, J.P. 60159
Teissier, J.F. *see* Schmitt, J. 13723
Teissier, R., Finley, J.J., Skolnick, M.S., Cockburn, J.W., Pelouard, J.-L., Grey, R., Hill, G., Pate, M.A., Planel, R. Experimental determination of Γ-X intervalley transfer mechanisms in GaAs/AlAs heterostructures 2108
Teitelbaum, L.P., Keihm, S.J., Linfield, R.P., Mahoney, M.J., Resch, G.M. A demonstration of precise calibration of tropospheric delay fluctuations with water vapor radiometers 45134
Teitsworth, S.W. *see* Banoo, K. 54221
Teixeira, A. *see* Vieira, S.L. 47365
Teixeira, C.M.L. *see* Domingues, J.P.P. 49493
Teixeira, F.L., Bergmann, J.R. Spatial-frequency localized representations for integral equation reflector analysis 34290
Teixeira, F.L., Bergmann, J.R. 3B-splines in the integral equation solution for scattering from bodies of revolution 45007
Teixeira, F.L., Bergmann, J.R. B-spline basis functions for moment-method analysis of axisymmetric reflector antennas 45389
Teixeira, I.C. *see* Goncalves, F.M. 32513
Teixeira, J.P. *see* Celeiro, F. 40974
Teixeira, J.P. *see* Goncalves, F.M. 32513
Teixeira, L.M.L., Alves, A.P. Block matching algorithms in MPEG video coding 5662
Teixeira, L.M.L., Andrade, M.T. Dynamic bandwidth allocation for an MPEG-2 multi-encoder video system 15639
Teixeira, M., Capella, J. Time-frequency and time-scale analysis applied to soliton detection in the Caribbean sea 50090
Teixeira, M., Rodriguez, D. A methodology for the intelligent implementation of VLSI signal processing algorithms 31052
Teixeiro, M.L.Quiroga *see* Quiroga Teixeiro, M.L.
Tejada, J. *see* Folch, A. 52811
Tejada, J. *see* Luis, F. 3146
Tejada, J. *see* Montero, J. 52437
Tejedor, M., Garcia, J.A., Carrizo, J. Torque measurements of anisotropy in $Co_{66}Si_{13}B_{14}Fe_4Ni_1$ amorphous ribbons 3071
Tejedor, M., Hernando, B., Sanchez, M.L., Garcia-Arribas, A. Influence of induced anisotropy on magneto-impedance in Co-rich metallic glasses 3057
Tejedor, M., Hernando, B., Sanchez, M.L., Prida, V.M. The frequency dependence of permeability in $Co_{66.5}Fe_{3.5}Si_{12}B_{18}$ metallic glasses 23312
Tejima, N. Evaluation of rehabilitation robots for eating 28453
Tejwani, U.K., Hietpas, S.M. Modified PWM technique for reduction of voltage harmonic distorting using AC-AC converter 28758
Tek, H., Kimia, B.B. Volumetric segmentation of medical images by three-dimensional bubbles 49553
Tek Lee Kyung *see* Kyung Tek Lee
Tek Mun Cheong *see* Pooi Yuan Kam 45516
Tekalp, A.M., Altunbasak, Y., Bozdagi, G. Two- versus three-dimensional object-based video compression 56688
Tekalp, A.M. *see* Altunbasak, Y. 25390
Tekalp, A.M. *see* Altunbasak, Y. 57361
Tekalp, A.M. *see* Eran, P.E. 56967
Tekalp, A.M. *see* Ferman, A.M. 57356
Tekalp, A.M. *see* Gunsel, B. 25465
Tekalp, A.M. *see* Patti, A.J. 56684
Tekalp, A.M. *see* Saber, E. 5639
Tekalp, A.M. *see* Saber, E. 25402
Tekalp, A.M. *see* Toklu, C. 56861
Tekalp, A.M. *see* Toklu, C. 57019
Tekalp, A.M. *see* Van Beek, P.J.L. 56878

Tekalp, A.Murat *see* Murat Tekalp, A.
Teke, A., Gupta, R., Balkan, N., van der Vleuten, W., Wolter, J.H. A tunable hot-electron light emitter 44473
Tekehara, Y. *see* Teramatsu, H. 58548
Tekemen, Y. *see* Franzon, P.D. 41220
Tekielak, M. *see* Jablonski, R. 23346
Tekin, I., Newman, E.H. Moment method analysis of the magnetic shielding factor of a conducting TM shield at ELF 4295
Tekinay, S. *see* Donis-Hernandez, G. 47667
Tekinay, S. *see* Donis-Hernndez, G. 47754
Tekmen, Y. *see* Franzon, P.D. 11498
Tekmen, Y.C. *see* Harvatis, C. 12037
TeKolste, R. *see* O'Callaghan, M.J. 34998
Tekumalla, R., Menon, P.R. Delay-testable non-scan sequential circuits with clock suppression 1299
Telal Wassel, A. *see* Issacci, F. 28575
Telander, R.M. *see* Werst, M.D. 33907
Telang, V.P. *see* Makhija, M.G. 4723
Telecco, N. *see* Calligaro, C. 21686
Telek, M. *see* Bobbio, A. 30467
Telek, M. *see* Pfening, A. 35403
Telepchenkov, V.V. *see* Karutin, N.V. 47838
Teles, L.K., Scolfaro, L.M.R., Enderlein, R., Leite, J.R., Josiek, A., Schikora, D., Lischka, K. Structural properties of cubic GaN epitaxial layers grown on β-SiC 2014
Telets, V.A. *see* Nikiforov, A.Y. 44845
Telfer, B.A., Szu, H.H., Dobeck, G.J. Time-frequency, multiple-aspect acoustic classification 58496
Telfer, B.A. *see* Szu, H.H. 59737
Telfer, D., Wilson, L. Texture analysis of terrain images: Exploiting directional properties of a local feature statistics operator using small masks 8353
Telfer, D. *see* Li Zhong Qiang 57501
Telfeyan, R. *see* Boning, D.S. 42492
Telford, A.J. *see* Johnson, C.W. 9981
Telikepalli, R., Tranquilla, J.M. Propagation modeling for precision distance measurements 36284
Telipan, G. *see* Bodca, E. 48743
Tell, D., Hose, D. Meeting the wireless 911 mandate 35673
Tellakula, A.R., Wang, J., Varadan, V.V., Varadan, V.K. Characterizing conformal thin-film coatings from 200 to 1200 MHz 58965
Tellambura, C. Evaluation of the exact union bound for trellis-coded modulations over fading channels 14782
Tellambura, C., Guo, Y.J., Barton, S.K. Equaliser performance for HIPERLAN in indoor channels 26120
Tellambura, C., Guo, Y.J., Barton, S.K. Co-channel and self-interference analysis for indoor wireless channels 26121
Telle, H.R., Koch, C. Optical frequency synthesis using laser diodes as transfer oscillators and mixers 7146
Tellefsen, J.A. *see* Grivickas, V. 12205
Tellert, T., Di Pasquale, F., Federighi, M. Theoretical analysis of the dynamic behavior of highly-efficient erbium/ytterbium codoped fiber lasers 3715
Tellez, G.E., Knol, D.A., Sarrafzadeh, M. A performance-driven placement technique based on a new budgeting criterion 1079
Tellier, C.R., Messaoudi, T., Leblois, T.G. Contribution of a 3D numerical simulation to the design of micro-machined quartz microstructures 32571
Telliez, I. *see* Gonzalez, J. 31516
Tellini, A. *see* Esposito, N. 24425
Tellini, B. *see* Musolino, A. 33885
Tello, C. *see* Torres, S. 36292
Tello, L.N., Black, T.D., Cudmore, D.P., Magnusson, R. Characterization of ultrasonic transducers by means of double-exposure holographic interferometry 38129
Tello, R., Tempany, C.M., Chai, J., Ainslie, M., Adams, D.F. MR hysterography using axial long TR imaging with three-dimensional projections of the uterus 59524
Tel'nikov, E. *see* Dyshel, D. 27739
Telnov, V. *see* Arisaka, K. 37239
Telnov, V. *see* Arisaka, K. 37460
Telschow, K. *see* Hale, T. 27927
Telschow, K. *see* Hale, T.C. 7596
Telser, E. *see* Gerhold, J. 23142
Temcamani, F. *see* Valkov, S. 54710
Temelkov, K.A. *see* Vuchkov, N.K. 44360
Temes, G.C. *see* Enz, C.C. 1149
Temes, G.C. *see* Wiesbauer, A. 53364
Temes, G.C. *see* Yoshizawa, H. 1568
Temes, G.C. *see* Yoshizawa, H. 40921
Temesvary, V. *see* Shuyun Wu 23360
Temesvary, V. *see* Weilong Tang 23093
Temkin, E. *see* Thiagarajan, P. 55607
Temkin, H. *see* Chen, Q. 58757
Temkin, H. *see* El-Bawab, T.S. 5842
Temkin, H. *see* Kuksenkov, D.V. 55651
Temkin, H. *see* Kuksenkova, D.V. 23885
Temkin, H. *see* Nikishin, S.A. 771
Temkin, H. *see* Patel, D. 23952
Temkin, H. *see* Patel, D. 23956
Temkin, H. *see* Sokolovskii, G.S. 44232
Temkin, H. *see* Sun, C.J. 44277
Temkin, H. *see* Yang, J.W. 12341
Temkin, R. *see* Levush, B. 12097
Temkin, R.J. *see* Kimura, T. 12099
Temme, C. The whys and why nots of designing a CDPD modem 35849
Temmerman, W. *see* De Moerloose, J. 53879
Temmerman, W. *see* Rosten, H.I. 52280
Temmler, D. *see* Herzel, F. 42940
Temmyo, J., Kuramochi, E., Sugo, M., Nishiya, T., Notzel, R., Tamamura, T. Self-organization phenomenon in a strained InGaAs system and its application for quantum disk lasers 23913
Temmyo, J., Sugo, M., Nishiya, T., Tamamura, T., Bilodeau, F., Hill, K.O. Improved coupling efficiency of a strained InGaAs-AlGaAs quantum-well laser into a fiber Bragg grating 55696
Temmyo, J., Sugo, M., Nishiya, T., Yamada, M., Bilodeau, F., Hill, K.O. A 310-mW fiber-coupled, wavelength-stabilized 1.016-μm InGaAs quantum well laser using a fiber Bragg grating 3848
Temnikov, A.G. *see* Makalsky, L.M. 28904
Tempany, C.M. *see* Tello, R. 59524
Tempesta, P. *see* Celano, L. 18094
Tempesti, G. *see* Mange, D. 1288
Temple, D. *see* Cha-Mei Tang 22149
Temple, D. *see* McGuire, G.E. 1913
Temple, D.A. *see* Qingnan Wang 44682
Temple, S. *see* Furber, S.B. 53329
Templeton, A. *see* Beker, B. 41548
Templeton, A. *see* Cokkinides, G. 56071
Templeton, A. *see* Cokkinides, G.J. 52247
Templeton, A. *see* Prasad, J. 42526
Templeton, J.E. *see* Lin, H. 33637
Templier, R. *see* Faure, N. 14040
Templier, R. *see* Faure, N. 23871
Temraz, H.K. *see* Moustafa, Y.G. 19297
Temst, K. *see* Bruynseraede, Y. 32920
Temst, K. *see* Vantomme, A. 40553
Ten, S., Krol, M.F., Guerreiro, P.T., Peyghambarian, N. Ultrafast electron and hole tunneling in (Ga,In)As/(Al,In)As asymmetric double quantum wells 12380
Ten, S., Williams, J.G., Guerreiro, P.T., Khitrova, G., Peyghambarian, N. Ultrafast excitonic room temperature nonlinearity in neutron irradiated quantum wells 22372
Ten, S. *see* Guerreiro, P.T. 44420
ten Bosch, L.F.M. *see* Pols, L.C.W. 4579
ten Brink, S. *see* Chih-Lin I. 47369
ten Elshof, J.E., Lankhorst, M.H.R., Bouwmeester, H.J.M. Oxygen exchange and diffusion coefficients of strontium-doped lanthanum ferrites by electrical conductivity relaxation 54101
ten Haken, B., Godeke, A., Schuver, H.-J., ten Kate, H.H.J. Strain reduced critical current in Bi-2223/Ag superconductors under axial tension and compression 43769
ten Kate, H. *see* Düchateau, J.L. 32948
ten Kate, H. *see* Scanlan, R.M. 13516
ten Kate, H. *see* Scanlan, R.M. 37053
Ten Kate, H.H.J. *see* Bruzzone, P. 55100
ten Kate, H.H.J. *see* Nijhuis, A. 43867
ten Kate, H.H.J. *see* Shevchenko, O.A. 51625
ten Kate, H.H.J. *see* Sumption, M.D. 43869
ten Kate, H.H.J. *see* ten Haken, B. 43769
Ten Kate, W.R.T. Compatibility matrixing of multichannel bit-rate-reduced audio signals 48273
Ten Lee Chung *see* Chung Ten Lee
Ten-Hwang Lai *see* Xuefeng Dong 46744
Ten-Hwang Lai *see* Xuefeng Dong 58202
Tenant, P., Rousseau, J.J., Zegadi, L. Hysteresis modeling taking into account the temperature 43650
Tenbroek, B.M., Lee, M.S.L., Redman-White, W., Bunyan, J.T., Uren, M.J. Self-heating effects in SOI MOSFETs and their measurement by small signal conductance techniques 12920
Tenbroek, B.M., Redman-White, W., Lee, M.S.L., Bunyan, R.J.T., Uren, M.J. Static and dynamic thermal coupling in SOI NMOS current mirrors 13150
Tenbroek, B.M., Redman-White, W., Lee, M.S.L., Bunyan, R.J.T., Uren, M.J., Brunson, K.M. Characterization of layout dependent thermal coupling in SOI CMOS current mirrors 13119
Tenbroek, B.M. *see* Redman-White, W. 13144
Tenbusch, F. *see* Braunschweig, W. 7808
Tenca, A.F., Ercegovac, M.D. Design of high-radix digit-slices for on-line computations 40997
Tenconi, A. *see* Profumo, F. 21492
Tenconi, A. *see* Profumo, F. 31085
Tenconi, A. *see* Profumo, F. 39323
Tenconi, A. *see* Profumo, F. 40783
Tenconi, A. *see* Profumo, F. 51746
Tenconi, A. *see* Zhang, Z. 9656
Tenconi, A. *see* Zhang, Z. 29774
Tenconi, A. *see* Zhang, Z. 51725
Tenconi, A. *see* Zhang, Z. 51738
Tendeloo, G.Van *see* Van Tendeloo, G.
Tendera, M. *see* Bienkowski, J. 49634
Tendera, M. *see* Czyz, Z. 49637
Tendera, M. *see* Sosnowski, M. 49685
Teneketzis, D. *see* Van Oyen, M.P. 10254
Tenenbaum, J.M., Chowdhry, T.S., Hughes, K. Eco System: an Internet commerce architecture 57927
Tenenbaum, P. *see* Rokni, S.H. 8216
Tenev, T. *see* Panajotovo, K.R. 44171
Teng, C.W. *see* Yin Hu 1358
Teng, J., Li, L.-M., Obaidat, M.S. Parallel frame synchronous scheme for STM-1 in SDH networks 26150
Teng, L. *see* Kurokawa, S. 17881
Teng, L.C., Crosbie, E.A., Norem, J., Repond, J. Argonne Tau-charm Factory collider design study 17879
Teng, M.-Y. *see* Yang, I.-J. 19518
Teng, P.K. *see* Antos, J. 37373
Teng Chin-Chi *see* Chin-Chi Teng
Teng Ching-Cheng *see* Ching-Cheng Teng
Teng Fusheng, Zhou Buxiang The intercommunication technology of multicomputer supervisor system [for power networks] 28798
Teng Fusheng *see* Jing Dong 38450
Teng Joon Lim, Rasmussen, L.K. Adaptive symbol and parameter estimation in asynchronous multiuser CDMA detectors 35462
Teng Seng Chin *see* Fengtai Huang 51751
Teng Shang-Hua *see* Shang-Hua Teng
Teng Zaoshen *see* Zaoshen Teng
Teng Zhi-Meng, Chen Tine-Biao, Cai Shi-Ji, Zhang Fu-Yan A high-accuracy discretization scheme for numerical device simulations 32346
Teng-Shang Hwang, Ullman, D.G. Recognize features from freehand sketches 5269
Teng-Sheng Moh *see* Moh, W.M. 6138
Teng-Sheng Moh *see* Moh, W.M. 47381
Tengan, T. *see* Noborikawa, M. 57433
Tengan, T. *see* Tobaru, S. 57431
Tengblad, N., Palm, B. Two-phase thermosiphon for cooling of electronic components 30307
Tengcai Ma *see* Ma Tengcai
Tengs, A. *see* Kildal, P.-S. 4219
Tengs, A. *see* Salomonsson, D.J. 45404
Tengs, A. *see* Sanford, J.R. 34308
TenHave, T.R. *see* Hopper, K.D. 7937
Tenhave, T.R. *see* Hopper, R.D. 59453
Tenhunen, H. *see* Hellberg, L. 58057
Tenhunen, H. *see* Lazraq, T. 6407
Tenhunen, H. *see* Oelmann, B. 16549
Tenhunen, H. *see* Olson, H. 16617
Tenhunen, H. *see* Swahn, T. 36180
Tenhunen-Eskelinen, M., Kuikka, J.T., Lansimies, E., Eriksson, J.-T. Fractal analysis of blood flow distribution in human lungs 28291
Tenishev, L.N. *see* Krestnikov, I.L. 44464
Tenishev, V.P. *see* Domnin, Y.S. 48337
Tenishev, V.P. *see* Domnin, Yu.S. 27203
Tenmoku, K. *see* Kumamoto, H. 61312
Tenmoku, K. *see* Nishimura, S. 58128
Tennakone, K., Kumara, G.R.R.A., Kottegoda, I.R.M., Wijayantha, K.G.U. The photostability of dye-sensitized solid state photovoltaic cells: Factors determining the stability of the pigment in a nanoporous n-TiO_2/cyanidin/p-CuI cell 44243
Tennakone, K., Kumara, G.R.R.A., Wijayantha, K.G.U. The suppression of the recombination of photogenerated carriers in a dye-sensitized nanoporous solid-state photovoltaic cell 12370
Tennakoon, S.B. *see* Scheidecker, D. 50460
Tennant, A.L. *see* Ramanathan, K. 39074
Tennant, D. *see* Watson, G.P. 32288
Tennant, D.M. *see* Ahrens, R.G. 42858
Tennant, D.M. *see* Miller, B.I. 55629
Tennant, D.M. *see* Nguyen, K.B. 32401
Tennant, D.M. *see* Young, M.G. 26833
Tennant, J.K., Coyne, T., Ziwen Liu Overview STAR-1 synthetic aperture radar navigation and motion compensation upgrade 16894
Tennant, W.E. *see* Bubulac, L.O. 2099
Tennant, W.E. *see* Kozlowski, L.J. 17493
Tennant, W.E. *see* Motamedi, M.E. 58848
Tenne, R. *see* Matthaus, A. 54128
Tenne, R. *see* Tsirlina, T. 30767
Tennenhouse, D., Lampson, B., Gillett, S.E., Klein, J.S. Virtual infrastructure: Putting information infrastructure on the technology curve 6145
Tennenhouse, D.L., Smith, J.M., Sincoskie, W.D., Wetherall, D.J., Minden, G.J. A survey of active network research 25971
Tennenhouse, D.L., Turletti, T., Bose, V.G. The SpectrumWare testbed for ATM-based software radios 47783
Tennent, H. *see* Chunming Niu 41537
Tenney, R.R. *see* Irving, W.W. 4752
Tennyson, R.C. *see* Li, L. 48603
Tenpas, E. *see* Orloff, S. 852
Tenpas, E.W., Vuong, K.D., Orloff, S., Fagan, J.G., Wu, V., Wang, X.W. Fabrication of CdS thin films using continuous wave laser evaporation 10866
Tenti, P. *see* Mattavelli, P. 29396
Tenti, P. *see* Mattavelli, P. 38203
Tenti, P. *see* Mattavelli, P. 38227
Tenti, P. *see* Pomilio, J.A. 29402
Tenti, P. *see* Redl, R. 60925
Tenti, P. *see* Spiazzi, G. 51278
Tentori, D. *see* Khomenko, A.V. 33617
Tentori, D. *see* Shlyagin, M.G. 48588
Tentov, A., Grnarov, A. Performance analysis of ATM switches with multistage packet switching interconnection networks 57564
Tentzeris, E. *see* Goverdhanam, K. 33935
Tentzeris, E.M., Robertson, R., Krumpholz, M., Katehi, L.P.B. Application of the PML absorber to the MRTD technique 34148
Teo, C.Y. Utility and consumer earthing systems 8949
Teo, C.Y., Gooi, H.B., Chan, T.W. An innovative PC based simulator for power system studies 28801

Teo, C.Y., He, W.X. A direct approach to short-circuit current calculation without using symmetrical components 39629
Teo, K.L. *see* Du, A.Y. 12322
Teo, K.L. *see* Zang, Z. 15358
Teo, S.G., Yeo, S.P. Reliable computer model for thick circular iris in circular waveguide 45299
Teo Kiat Choon Stencil optimization via flow control 41617
Teo Kiat Choon, Williams, D.J. Insufficient solder and solder bridges: an experimental study of the interrelations between assembly process faults 22027
Teo Ming Yeong *see* Ming Yeong Teo
Teodorescu, C. *see* Mascaraque, A. 54243
Teodorescu, R., Rosu, E., Zelaya dela Parra, H., Bresnahan, K. A SIMULINK approach to power electronics simulations 53028
Teodorescu, R. *see* Liang, G. 32941
Teodorovic, D. *see* Gwo-Hshiung Tzeng 8790
Teofilak, R., Koczara, W. Reactive power compensation by power electronic drive 8751
Teofilak, R. *see* Koczara, W. 50463
Teofilo, V.L., Merritt, L.V., Hollandsworth, R.P. Advanced lithium ion battery charger 61023
Teoh, E.K. *see* Mital, D.P. 35144
Teoh, E.K. *see* Mital, D.P. 35145
Teoh Chin Soon *see* Chin Soon Teoh
Teoh Eam Khwang *see* Eam Khwang Teoh
Teowee, G., Boulton, J.M., McCarthy, K., Franke, E.K., Alexander, T.P., Bukowski, T.J., Uhlmann, D.R. Effect of PbO content on the properties of sol-gel derived PZT films 54926
Teowee, G., McCarthy, K., Uhlmann, D.R. Sol-gel derived ferroelectric films as pyroelectric detectors in imaging applications 17489
Tepavcevic, P. *see* Rajakovic, N. 60365
Tepedelenlioglu, N. *see* Lee, J. 16019
Tepermeister, I. *see* Lee, J.T.C. 2335
Tepermeister, I. *see* Lee, J.T.C. 54392
Tepichin, E. *see* Lancis, J. 46180
Tepikian, S. *see* Trbojevic, D. 18008
Teplik, J. *see* John, J.P. 2654
Teplitsky, M. *see* Parrell, J.A. 13476
Teplyakov, A.I. *see* Kruchinskii, N.G. 49768
Teplygin, V. *see* Buzykaev, A. 37237
Tepore, A. *see* Manno, D. 31867
Tepore, A. *see* Micocci, G. 48735
Tepore, A. *see* Rella, R. 36742
Tepore, A. *see* Rella, R. 48714
Tepore, A. *see* Rella, R. 58889
Tepper, G., Losee, J. Detection of single photon ionization events using a contactless microwave technique 37408
Tepper, J.S., Dixon, J.W., Venegas, G., Moran, L. A simple frequency-independent method for calculating the reactive and harmonic current in a nonlinear load 19054
Tepper, R. *see* Zimmer, Y. 28224
Tepper, R. *see* Zimmer, Y. 56912
ter Beek, M. *see* Dadap, J.I. 24259
ter Brake, H.J.M. *see* Van den Bosch, P.J. 59456
ter Brugge, M.H., Krol, R.J., Nijhuts, J.A.G., Spaanenburg, L. Design of discrete-time cellular neural networks based on mathematical morphology 35081
ter Brugge, M.H., Spaanenburg, L., Jansen, W.J., Nijhuis, J.A.G. Optimizing the morphological design of discrete-time cellular neural networks 35104
Ter Haar Romeny, B.M. *see* Niessen, W.J. 46318
Ter Haar Romeny, B.M. *see* Niessen, W.J. 46420
ter Haar Romeny, B.M. *see* Weickert, J.A. 56936
ter Haseborg, J.L. *see* Borgeest, K. 19402
ter Haseborg, J.L. *see* Gille, A. 18524
ter Keurs, H.E.D.J. The role of excitation contraction coupling in cardiac muscle mechanics 59585
Ter-Gabrielyan, N.E. *see* Briskina, Ch.M. 3744
Ter-Gazarian, A.G. *see* Watson, S.J. 28825
Ter-Martirosyan, L.T. *see* Vendik, O.G. 23257
Ter-Mikirtychev, V.V. Stable room-temperature tunable color center lasers based on $LiF:F_2^{+*}$ and $LiF:F_2^-$ crystals for 830-1310-nm spectral range pumped by the 532 and 1064 nm radiations from a neodymium laser 3787
Ter-Mikirtychev, V.V. Aggregate color centers influence on the dynamics of $LiF(F_2 \rightarrow F_2^+)$ laser operation and the mechanism of color centers photoconversion 44419
Ter-Mikirtychev, V.V., Tsubo, T. Ultrabroadband $LiF:F_2^{+*}$ color center laser using two-prism spatially-dispersive resonator 55550
Ter-Mikirtychev, V.V. *see* Tsuboi, T. 3793
Terada, H., Kato, K., Yamamoto, A., Onai, M. AC dynamometer-applied system; power train test system 7606
Terada, H., Yasukawa, K., Yamamoto, Y., Hayashi, Y. Development of IGBT inverters for improvement of AC dynamometer characteristics 7605
Terada, H. *see* Kamigata, T. 41199
Terada, H. *see* Karasawa, K. 40772
Terada, H. *see* Kinoshita, K. 47356
Terada, K. A study on high frequency leakage currents in power electronics instruments 61225
Terada, K., Mogami, T. Measurement of standard deviation for threshold voltage using parallel-connected MOSFETs 22800
Terada, K., Sasaki, S., Tanaka, K., Yamamoto, T., Ikeuchi, T., Miura, K., Yano, M. Isolator-free DFB-LD module with TEC control using silicon waferboard 44539
Terada, K. *see* Chunke, Y. 28135
Terada, K. *see* Ikeda, A. 59690
Terada, K. *see* Yamamoto, N. 13851
Terada, M. *see* Komaki, A. 51474
Terada, M.A.B., Stutzman, W.L. Cross polarization and beam squint in single and dual offset reflector antennas 24610
Terada, N. *see* Kanada, T. 47425
Terada, S., Iwasaki, H., Kohriki, T., Kondo, T., Numajiri, M., Unno, Y., Handa, T., Iwata, Y., Ohsugi, T., Tamura, N., Takashima, R. Proton irradiation on p-bulk silicon strip detectors using 12 GeV PS at KEK 37391
Terada, S. *see* DeWitt, J. 59243
Terada, S. *see* Ohsugi, T. 37392
Terada, S. *see* Sadrozinski, H.F.W. 37399
Terada, S. *see* Shimada, T. 51513
Terada, S. *see* Unno, Y. 37395
Terada, S. *see* Unno, Y. 37398
Terada, T. *see* Matsumoto, Y. 36532
Terada, T. *see* Matsuoka, R. 8929
Terada, T. *see* Nagaoka, M. 1742
Terada, Y., Shimamura, K., Kochurikhin, V.V., Barashov, L.V., Ivanov, M.A., Fukuda, T. Growth and optical properties of $ErVO_4$ and $LuVO_4$ single crystals 10667
Terada, Y. *see* Akiyama, J. 26037
Terada, Y. *see* Ito, K. 25287
Terada, Y. *see* Mihara, M. 1395
Terada, Y. *see* Sekiguchi, T. 55397
Terada, Y. *see* Takiya, T. 27991
Teraguchi, N. *see* Hashimoto, K. 54254
Terahara, T., Naito, T., Shimojoh, N., Chikama, T., Suyama, M. 85 Gbit/s WDM transmission of 16 5.3 Gbit/s RZ data signals over 7931 km using accurate gain-equalisation and precompensation of group-velocity-dispersion 48004
Terai, E. *see* Shitanda, H. 16478
Terai, M. *see* Mizutani, T. 20158
Terai, M. *see* Nakao, H. 22650
Terai, M. *see* Shirota, H. 40824
Teraji, T. *see* Hara, S. 12535
Teraji, T. *see* Hara, S. 22432
Teraji, T. *see* Hara, S. 42277
Terakawa, A., Isomura, M., Tsuda, S. Effect of the i-layer optical gap on the light-induced degradation of a-SiGe solar cells 20031
Terakawa, S. *see* Ishikawa, K. 48689
Terakoshi, Y. *see* Hashimoto, T. 12248
Teral, S.R., Larcher, S.J., Caussignac, J.-M., Barbachi, M. Fiber optic weigh-in-motion sensor: correlation between modeling and practical characterization 17457
Teramae, S. *see* Hiyoshi, M. 51154
Teramatsu, H., Yamaguchi, M., Tekehara, Y., Mukai, K., Oraki, T., Sugihara, K. Common chassis television C-25W5/C-20S5 58548
Teramoto, A. *see* Kobayashi, K. 43060
Teramoto, A. *see* Kuroi, T. 2810
Teramoto, A. *see* Uchida, T. 42595
Teramoto, E. *see* Suzuki, N. 58506
Teramoto, E. *see* Watanabe, T. 35934
Teramoto, I. *see* Morishita, T. 41374
Teramoto, K., Arai, K. POCS-based blind array processing in incoherent microwave radiometric image reconstruction 25450
Teramoto, M., Fukazawa, T. Test pattern generation for circuits with asynchronous signals based on scan 41033
Teramoto, M. *see* Ohtaka, H. 35678
Teramoto, R. *see* Shimizu, T. 38777
Teramoto, S. *see* Tagaya, A. 33392
Teramoto, Y. *see* Inoue, Y. 49326
Teramura, M., Nomiyama, T., Miyazaki, T. Logic operational circuit of variable function using neural networks 21817
Teran, A., Pratt, D.B., Case, K.E. Present worth of external quality losses for symmetric nominal-is-better quality characteristics 52314
Teranishi, N. *see* Hatano, K. 48683
Teranishi, N. *see* Tanaka, A. 7402
Teranishi, T. *see* Hanai, M. 54979
Teranishi, T. *see* Inoue, T. 9300
Teraoka, E., Kengaku, T., Yasui, I.; Ishikawa, K., Matsuo, T., Wakada, H., Sakashita, N., Shimazu, Y., Tokuda, T. A built-in self-test for ADC and DAC in a single-chip speech codec 47461
Teraoka, E. *see* Shiraishi, T. 21709
Teraoka, K. 1 kVA uninterruptible power supply type FBK-SLU102 for China 60849
Teraoka, T. *see* Okano, H. 26916
Teraoka, T. *see* Okano, H. 58328
Teraoka, T. *see* Uetsuka, H. 26920
Terasaka, H. *see* Hirachi, K. 9365
Terasaki, H. *see* Awano, T. 50744
Terasaki, H. *see* Matsumoto, Y. 35042
Terasako, H. *see* Ishikawa, F. 28724
Terasawa, A. *see* Nozawa, M. 43865
Terasawa, H. *see* Hamasaki, T. 11540
Terasawa, K. *see* Honjo, K. 29381
Terasawa, T. *see* Hasegawa, N. 32340
Terasawa, T. *see* Imai, A. 2558
Terasawa, T. *see* Von Bunau, R.M. 2524
Terasawa, T. *see* Yoshimura, T. 32263
Terasawa, T. *see* Yoshimura, T. 32276
Terasawa, Y. *see* Yamagata, Y. 8967
Terashima, A. *see* Hosoyama, K. 49159
Terashima, A. *see* Hosoyama, K. 49160
Terashima, A. *see* Kimura, A. 43778
Terashima, A. *see* Morita, Y. 43846
Terashima, A. *see* Nakai, H. 43844
Terashima, A. *see* Tokuda, Y. 12682
Terashima, K. *see* Hozumi, N. 50574
Terashima, K. *see* Ikari, A. 10666
Terashima, K. *see* Ono, H. 22514
Terashima, K. *see* Yamaguchi, N. 52808
Terashima, M., Ashikaga, T., Mizuno, T., Natori, K., Fujiwara, N., Yada, M. Novel motors and controllers for high-performance electric vehicle with four in-wheel motors 39322
Terashima, M., Ashikagi, T., Mizuno, T., Natori, K., Fujiwara, N., Yada, M. Novel motors and controllers for high performance electric vehicle with 4 in-wheel motors 51744
Terashima, M., Shiratani, F., Hashimoto, T., Yamamoto, K. A normalization method of input data that conserves the norm information for competitive learning neural network using inner product 23623
Terashima, T. *see* Kido, G. 3300
Terasov, V.B. *see* Boiko, B.R. 48191
Teratani, D., Kakuda, Y., Kikuno, T. A new model with time constraints for conformance testing of communication protocols 57630
Terauchi, H. *see* Kuhara, Y. 58274
Terauchi, H. *see* Kuhara, Y. 58275
Terauchi, H. *see* Kuhara, Y. 58392
Terauchi, H. *see* Nakanishi, H. 58307
Terauchi, M., Nishiyama, A., Mizuno, T., Yoshimi, M., Watanabe, S. The impact of the floating-body effect suppression on SOI integrated circuits 43300
Terauchi, M., Yoshimi, M. Analysis of floating-body-induced leakage current in 0.15 μm SOI DRAM 21663
Terauchi, M. *see* Fuse, T. 41104
Terauchi, M. *see* Yoshimi, M. 11455
Terauchi, M. *see* Yoshimi, M. 32410
Terauchi, M. *see* Yoshimi, M. 42986
Terauchi, T. *see* Takahashi, M. 20282
Terayama, K., Yamazaki, T., Shimazaki, T., Ishiguro, T., Tamaki, T. Humidity sensor of anodized aluminium for evolved gas analysis method 48421
Terayama, K. *see* Yamazaki, T. 37416
Terayama, T. *see* Sakai, K. 13442
Terazaki, Y. *see* Kawaguchi, Y. 54669
Terazima, M., Shimizu, H., Osuka, A. The third-order nonlinear optical properties of porphyrin oligomers 44684
Terdik, G. *see* Dewson, T. 30570
Terehin, R.I. *see* Odintsov, V.I. 33616
Terehin, R.I. *see* Ponomarev, A.N. 3500
Terekhov, A.S. *see* Alperovich, V.L. 2243
Terekhov, A.S. *see* Bolkhovityanov, Yu.B. 12277
Terekhov, A.S. *see* Drescher, P. 12069
Terekhov, V.A., Kovaleva, N.S., Kashkarov, V.M., Domashevskaya, E.P., Khokhlov, A.F., Khokhlov, D.A. Variations of the local density of electron states and short-range order in amorphous hydrated silicon films 54029
Terekhov, V.M., Baryshnikov, A.C. Application for the fuzzy-logic in the control systems for slow movable and servo drives 9603
Terekhov, V.M., Baryshnikov, A.S. Stabilization of slow-moving electrical drives using fuzzy logic 29702
Terence Wang, Chin-Liang Wang On adaptive decision-feedback equalization of intersymbol interference channels in coded modulation systems 4440
Terent'ev, Y., Vytovtov, K. A transfer-matrix formalism for the periodic ferromagnetic media 45103
Terent'eva, I.V. *see* Vokhnik, O.M. 24045
Terentiev, A.N., Moffat, S.H., Hughes, R.A., Preston, J.S., van Lierop, J., Harrison, J.P. Switching speed for controlled damping using thin film $YBa_2Cu_3O_{7-\delta}$ 43874
Tereshchenko, S.A. *see* Fedorov, G.A. 7803
Tereshchin, V.A. *see* Vasil'ev, N.F. 18543
Tereshchuk, V.S. Mathematical models in problems of FV electric power system synthesis at computer-aided design 59961
Terhorst, M. *see* Schnieders, A. 54440
Terina, G.I. An investigation of artificial ionospheric turbulence by the method of probing radio wave pulses 45150
Terk, M.R. *see* Colletti, P. 18310
Terk, M.R. *see* Colletti, P.M. 18309
Terkel, H. *see* Lieberman, K. 22696
Terlaky, T. *see* van Maaren, H. 30516
Terletsky, A.I. *see* Ursaki, V.V. 42418
Terletzki, H. *see* Krautschneider, W.H. 1409
Terman, D. *see* DeLiang Wang 57525
Terman, L.M. *see* Deutsch, A. 43289
Terminello, L.J. *see* Nelson, A.J. 42045
Terneus Escudero, A., Coppola, L., Marschoff, C.M. Technology substitution in the energy market: the logistic approach revisited 50691
Ternisien, E. *see* Roussel, G. 52526
Terno, J. *see* Scheithauer, G. 40122
Ternovoy, Y.F. *see* Savin, V.V. 3116
Terol-Villalobos, I.R. Nonincreasing filters using morphological gradient criteria 25305
Terol-Villalobos, I.R. Morphological non-increasing filters for image segmentation and enhancement 35026

Terpan, J.-F. *see* Schiltz, A. 42856
Terplan, K. Software distribution and license management in a heterogeneous environment 16186
Terra, F.S., Ahmed, M.M.A., Mohamed, K.M. Galvanomagnetic and electrical properties of n-GaP 12282
Terra, F.S., Mahmoud, G.M. Low temperature effects on the galvanomagnetic properties of thin PbTe films 42040
Terra, F.S. *see* Ashery, A. 10816
Terra, F.S. *see* Astakhov, V.P. 13889
Terrado, E. *see* Adamantiades, A.G. 19446
Terras, A. *see* Porte, H. 44078
Terrasi, A. *see* Almeida, J. 32050
Terrasi, F. *see* Campajola, L. 7751
Terre, T., Gac, C., Ayela, G. SARA: a new autonomous receiver for ocean acoustic tomography 50200
Terreault, B. *see* Keroack, D. 12315
Terrecuso, P. *see* Bloisi, F. 44105
Terreni, P. *see* Mariani, R. 53229
Terret, C. *see* Bhatnagar, P.S. 4391
Terret, C. *see* Castel, X. 24565
Terret, C. *see* Clenet, M. 56183
Terret, C. *see* Sharaiha, A. 34283
Terriault, P. *see* Labrecque, C. 11838
Terrien, Y. *see* Martinez, E. 49350
Terrill, K. Future expectations of electronic manufacturing services 20762
Terrill, K. *see* Youn, S. 41179
Terris, B.D., Mamin, H.J., Best, M.E., Logan, J.A., Rugar, D., Rishton, S.A. Nanoscale replication for scanning probe data storage 22629
Terris, B.D. *see* Chui, B.W. 2862
Terrot, J.M. *see* Ionescu, A. 13185
Terrusi, A. *see* Bacchi, E. 48944
Terry, D. Swap it while its hot: live insertion VME targets central office and wireless switch applications 16502
Terry, F.L., Jr *see* Vincent, T.L. 32166
Terry, J.K. *see* Terry, W.S. 18622
Terry, J.L. *see* Allen, A.J. 36346
Terry, M. Making a good call centre better 16193
Terry, R.E., Benzley, S.E., Hawks, V.D., Judd, D.K. Incorporation of technology based aids for teaching engineering ethics 20661
Terry, W.S., Terry, J.K., Lovelace, N.D. Multi-mission helicopter cockpit displays 18622
Tersoff, J., Johnson, M.D., Orr, B.G. Adatom densities on GaAs: evidence for near-equilibrium growth 21290
Terstyanszky, G. *see* Ajtonyi, I. 39904
Teruhisa, K. *see* Takahashi, K. 51576
Terui, H. *see* Hashimoto, T. 3646
Terui, H. *see* Sugimoto, N. 3442
Terukov, E.I. *see* Gusev, O.B. 22203
Terukov, E.I. *see* Kompan, M.E. 55400
Terukov, E.I. *see* Kon'kov, O.I. 31877
Terunuma, N. *see* Kashiwagi, S. 49209
Terunuma, Y. *see* Yamada, M. 33423
Teruo Kishi *see* Byoung-Geuk Kim 40737
Teruya, K., Shiratori, N. A consideration of transient characteristics on throughput in a slotted ring network 16170
Teruya, M., Hattori, M., Tadokoro, S., Takamori, T., Yamada, K. An analysis of BUNRAKU puppet actions for the generation of humanlike actions of home robots 36890
Tervonen, A., Honkanen, S. Feasibility of potassium-exchanged waveguides in BK7 glass for telecommunication devices 13646
Tervonen, A. *see* Salmio, R.-P. 55295
Terwiesch, P. *see* Eschermann, B. 60951
Terwijn, S.A. *see* Ambus-Spies, K. 579
Terwilliger, S.R. *see* Krishnan, K.S. 49852
Teryaev, V.E. *see* Dolbilov, G.V. 37044
Terzija, V.V. *see* Djuric, M.B. 50656
Terzija, V.V. *see* Zoric, K.J. 50601
Terzijska, B.M. *see* Bogdanova, N.B. 7251
Terzini, E. *see* Cocorullo, G. 33088
Terzini, E. *see* Cocorullo, G. 33314
Terzioglu, E. *see* Berkowitz, S.J. 3291
Terzis, C.L. *see* Reine, M.B. 50042
Terzopoulos, D. *see* Carlbom, I. 18200
Terzopoulos, D. *see* Sera, H. 25787
Terzoudi, P. *see* MacGregor, I.J.D. 37365
Terzulli, G. *see* Aulagnier, E. 41547
Terzuoli, A.J., Jr *see* Barnhart, G.A. 33937
Terzuoli, A.J., Jr. *see* Floyd, V.M., Jr. 36210
Terzuoli, A.J., Jr. *see* Kadrovach, B.A. 36234
Tesar, R. *see* Bursik, J. 3173
Tesarek, R. *see* Bauer, C. 37326
Tesarek, R. *see* Bauer, C. 37378
Tesauri, M., Di Maio, G., Ghiggino, P. Status and trend of the optical devices for the future optical communications technology 47996
Tesauro, M. *see* Fornaro, G. 48075
Tesch, B.J., Garcia, J.C. A low glitch 14-bit 100 MHz D/A converter 21766
Tesch, K. *see* Dinter, H. 37924
Teschioni, A. *see* Plataniotis, K. 56932
Teschler, L. Smaller is faster [semiconductor manufacturing] 39734
Teschler, L., Berardinis, L.A. The push for no-fuss networks in industrial I/O 11839
Tesei, A., Regazzoni, C.S. Application to locally optimum detection of a new noise model 25099
Tesei, A., Regazzoni, C.S., Tacconi, G. HOS-based modelling of low-frequency underwater acoustic noise for signal detection in shallow waters 45790
Tesei, A. *see* Murino, V. 56712
Teshigawara, Y., Yoshie, N., Komatsu, A., Nakakawaji, T. LAN fault management ensemble 35633
Teshima, H. Combination of additional noncontact dampers and superconducting levitation using melt-processed YBaCuO bulk superconductors 32961
Teshima, H., Morita, M., Hashimoto, M. Comparison of the levitation forces of melt-processed YBaCuO superconductors for different magnets 13480
Teshima, H., Tanaka, M., Miyamoto, K., Nohguchi, K., Hinata, K. Effect of eddy current dampers on the vibrational properties in superconducting levitation using melt-processed YBaCuO bulk superconductors 43742
Teshima, M. Frequency stabilization of tunable DBR laser using multiwavelength light injection locking technique 14166
Teshima, M., Koga, M. 100-GHz-spaced 8-channel frequency control of DBR lasers for virtual wavelength path cross-connect system 14153
Teshima, M., Koga, M., Sato, K. Accurate frequency control of a mode-locked laser diode by reference-light injection 24019
Teshima, M. *see* Koga, M. 6427
Teshima, M. *see* Ohoka, H. 48390
Teshima, S. *see* Iwagami, Y. 31708
Teshima, T. *see* Mizuta, H. 53598
Teshirogi, T., Tanaka, M., Takahashi, N. Phased arrays using sequential rotation and phasing techniques 56201
Teshirogi, T. *see* Iigusa, K. 34375
Teskiba, M.A. *see* Luster, B.T. 36417
Teslenko, T.S. *see* Shvetsov, G.A. 31677
Tesnjak, S. *see* Dizdarevic, N. 19082
Tesnjak, S. *see* Dizdarevic, N. 19325
Tesnjak, S. *see* Glavic, M. 19062
Tessadro, A. *see* Aurenty, P. 48374
Tessier, C. *see* Antoine, C. 32889
Tessier, C. *see* Castel, C. 5436
Tessier, L. *see* Feuillard, G. 32772
Tessier, M. *see* Krishnan, R. 3197
Tessier, T.G., Aday, J.G. Casting light on recent advancements in laser based MCM-L processing 1864
Tessier, T.G., Aday, J.G. Casting light on recent advancements in laser based MCM-L processing 53845
Tessier, T.G. *see* Aday, J.G. 6575
Tessier, T.G. *see* Aday, J.G. 53865
Tessler, L.R. *see* Zanatta, A.R. 41843
Tessler, N., Burns, S., Becker, H., Friend, R.H. Suppressed angular color dispersion in planar microcavities 33304
Tessler, N. *see* Becker, H. 33271
Tessler, N. *see* Finzi, D. 55618
Tessler, N. *see* Friend, R.H. 23669
Tessler, N. *see* Friend, R.H. 44224
Tessling, A. *see* Rehn, H. 4071
Tessnow, T. *see* Schoenbach, K.H. 1898
Testa, A. *see* Carbone, R. 9132
Testa, A. *see* Caruso, L. 29720
Testa, A. *see* Conforti, D. 8763
Testa, A. *see* Consoli, A. 1140
Testa, A. *see* Consoli, A. 29740
Testa, A. *see* Daponte, P. 38213
Testa, A. *see* Gaudioso, M. 19189
Testa, A. *see* Musumeci, S. 43109
Testa, G. *see* Sarnelli, E. 32923
Testa, L., Sotgiu, A., Masciovecchio, C., Villani, M., Chiricozzi, E. High-performance low-cost Hall probe measuring head 48444
Testani, M.V. *see* Franck, D.R. 39851
Teste, P. *see* Spataru, C. 22161
Teste, P. *see* Spataru, C. 53946
Tester, J.W. *see* Herzog, H.J. 60566
Tester, J.W. *see* Holeschovsky, U.B. 29610
Tetali, B. *see* Ferekides, C.S. 39055
Tetelin, E., Wallart, X., Vescan, L., Nys, J.P. Plasma assisted oxidation of SiGe layers at 500°C: interface characterization 2382
Tetenyi, I. Paving the highway by PHARE 5998
Teterin, G.E. *see* Ponomarev, A.N. 3500
Teterin, V.V. *see* Pavlova, V.A. 58828
Teterkin, V.V., Stochanskii, S.Ya., Sizov, F.F. Recombination mechanisms in doped n-type $Hg_{1-x}Cd_xTe$ crystals and properties of diffusion p^+-n junctions based on them 54061
Teterycz, H. *see* Golonka, L.J. 36490
Teti, R. Fuzzy logic approach to sensor monitoring in machining 56456
Tetsuo Nishi *see* Feng Lu 53399
Tettamanzi, A. *see* Srinivasan, D. 8838
Tettamanzi, A.G.B. *see* Beretta, M.L. 57080
Tettamanzi, A.G.B. *see* Srinivasan, D. 50675
Tetu, M. *see* Babineau, J. 14752
Tetu, M. *see* Genest, J. 44536
Tetu, M. *see* Martin, J. 13593
Tetu, M. *see* Poulin, M. 24113
Teucci, M.C., Carpeggiani, C., Marchesi, C. Toward active patient record: an application to Holter monitoring based on UMLS 49643
Teule, F. *see* Busseuil, J. 49907
Teule, G.J.J. *see* van Dieren, E.B. 37916
Teulings, W., Schanen, J.L., Roudet, J. MOSFET switching behaviour under influence of PCB stray inductance 32400
Teunissen, P.J.G. GPS double difference statistics: with and without using satellite geometry 47876
Teuschler, T. *see* Ley, L. 54398
Tevaarwerk, J.L. *see* Williamson, S. 29336
Tevels, J.R. Membrane closed-loop recycling of a wastewater containing hydrocarbon ester solvent 39955
Tewari, H.S., Shelke, V.K., Gaur, N.K., Singh, R.K. Synthesis and electrical characterisation of the system $Sr_{1-x}Y_xTi_{1-x}Co_xO_3$ 54102
Tewes, J. *see* Loffeld, O. 16870
Tewfi, A.H. *see* Hamdy, K.N. 14826
Tewfik, A.H. *see* Ali, M. 15405
Tewfik, A.H. *see* Gerek, O.N. 57463
Tewfik, A.H. *see* Han, K.J. 57306
Tewfik, A.H. *see* Hosur, S. 15398
Tewfik, A.H. *see* Hosur, S. 45742
Tewfik, A.H. *see* Kadah, Y.M. 28184
Tewfik, A.H. *see* Kadah, Y.M. 28195
Tewfik, A.H. *see* Nafie, M. 25110
Tewfik, A.H. *see* Swanson, M.D. 15484
Tewfik, A.H. *see* Swanson, M.D. 46354
Tewfik, A.H. *see* Zhu, B. 46356
Tewkesbury, G.E. *see* Sanders, D.A. 59822
Tewksbury, S., Chapman, G. *(editors)* 1996 Proceedings. Eighth Annual IEEE International Conference on Innovative Systems in Silicon (Cat. No.96CH35996) 20421
Tewksbury, T. *see* Sunderland, D.A. 22777
Texiu Zhao *see* Lei Huang 32215
Texiu Zhao *see* Zhao Texiu
Textoris, A.T., Emery, J.D., Lovern, M.G., Burfield, G.A., Catford, A.J. Summary of results from the joint BMDO/DSTO ATM track fusion demonstration 28719
Tey, G.Y. *see* Zhang, Y.F. 39736
Teyner, T. *see* Kayton, D. 30154
Teyssedre, G. *see* Massines, F. 2981
Teytelman, D. *see* Byrd, J.M. 49253
Teytelman, D. *see* Corlett, J.N. 49255
Tezduyar, L., Tuncay, R.N., Tacer, M.E. The development of a brushless DC drive system with and without sensors for washing machines 51880
Tezin, A.V. *see* Batenkov, A.A. 34584
Tezuka, H., Fukuchi, K., Takeuchi, T., Soda, M., Suzaki, T., Hashimoto, T., Sato, F. 20 Gbit/s optical transmitter and receiver using SiGe integrated circuits 47904
Tezuka, H. *see* Tanabe, A. 6771
Tezuka, K. *see* Aoki, I. 40950
Tezuka, M. *see* Unno, Y. 37395
Tezuka, M. *see* Watanabe, K. 3301
Tezuka, S. *see* Sato, M. 40878
Tezuka, T. *see* Jae-Eon Kim 28880
Thabet, E.A. *see* El-Khamy, S.E. 56485
Thabet, E.A. *see* El-Khamy, S.E. 58117
Thackara, J. *see* Horsthuis, W. 26453
Thacker, B.R. *see* Rosenwaks, Y. 2125
Thacker, N. *see* Courtney, P. 46323
Thacker, N.A. *see* Larcombe, S.P. 1861
Thacker, N.A. *see* Luettin, J. 5135
Thacker, N.A. *see* Luettin, J. 14989
Thacker, N.A. *see* Luettin, J. 46415
Thackeray, J., Fedynyshyn, T.H., Kang, D., Rajaratnam, M.M., Wallraff, G., Opitz, J., Hofer, D. Correlation of UVIIHS resist chemistry to dissolution rate measurements 32286
Thackeray, J.W. *see* Lindsay, T. 42820
Thadani, A.C. *see* Schiffgens, J.O. 38567
Thadikaran, P.J. *see* Chakravarty, S. 1207
Thadikaran, P.J. *see* Chakravarty, S. 1234
Thakar, G.V., McNeil, V.M., Madan, S.K., Riemenschneider, B.R., Rogers, D.M., McKee, J.A., Eklund, R.H., Chapman, R.A. A manufacturable high performance quarter micron CMOS technology using I-line lithography and gate linewidth reduction etch process 2812
Thakkar, S. *see* Marr, D.T. 1467
Thakkar, U. *see* Singh, T. 20632
Thakker, A. *see* Gato, L.M.C. 38639
Thakor, N.V. *see* Bataillou, E. 49740
Thakor, N.V. *see* Baykal, A. 59633
Thakor, N.V. *see* Casaleggio, A. 18417
Thakor, N.V. *see* Casaleggio, A. 37784
Thakur, A.N., Gaur, K., Khan, M.A., Lal, H.B. Study of electrical transport in yttrium-iron-transition metal mixed oxides 54103
Thakur, A.N., Gaur, K., Lal, H.B. High temperature electrical transport in gadolinium-iron-transition metal mixed oxides 2054
Thakur, N.M. *see* Ophel, T.R. 49150
Thakur, R.P.S., Gonzalez, F., DeBoer, S. Post metallization damage recovery using rapid thermal processing (RTP) 22625
Thakur, R.P.S. *see* DeBoer, S.J. 22594
Thakur, R.P.S. *see* Iyer, R. 951
Thakur, R.P.S. *see* Singh, R. 22493
Thakur, R.P.S. *see* Gelpey, J.C. *(editor)* 9840
Thakur, S., Yao-Wen Chang, Wong, D.F., Muthukrishnan, S. Algorithms for an FPGA switch module routing problem with application to global routing 41058
Thale, W., Clausen, R., Just, T. Digital image processing for the interpretation of radiographs used for condition monitoring 991
Thaler, A. *see* Radner, W. 8178
Thaler, D.G., Ravishankar, C.V. Distributed center-location algorithms 57785
Thaler, M. *see* Wosnitza, M. 1454
Thaler, T. *see* Brutsch, R. 9183
Thallam, R.S. *see* Brochu, J. 50433

Thaller, L.H., Zimmerman, A.H. Electrolyte management considerations in modern nickel/hydrogen and nickel/cadmium cell and battery designs 29568
Tham, J.L. *see* Hull, C.D. 16627
Tham Joo Leong *see* Joo Leong Tham
Thambimuthu, K. Gas cleaning for advanced coal-based power generation 50762
Thamhain, H. Applying stage-gate processes in concurrent engineering 20800
Thammano, A. *see* Enke, D. 14960
Thanachayanont, A. *see* Pookaiyaudom, S. 21521
Thanailakis, A. *see* Danikas, M.G. 13263
Thanailakis, A. *see* Danikas, M.G. 54892
Thanailakis, A. *see* Dimitriadis, E.I. 44233
Thanailakis, A. *see* Magafas, L. 32364
Thanailakis, A. *see* Tzionas, P. 22960
Thanailakis, A. *see* Tzionas, P.G. 43284
Thane, H. *see* Eriksson, C. 5872
Thanh, C., Lewis, S.H., Hurst, P.J. A 2nd-order double-sampled ΔΣ modulator with individual-level averaging 1521
Thanh, V.Le *see* Le Thanh, V.
Thanikasalam, P., Whidden, T.K., Ferry, D.K. Oxidation of silicon (100): experimental data versus a unified chemical model 54397
Thaniyavam, S. *see* LaGasse, M.J. 58360
Thaniyavaru, S. *see* LaGasse, M.J. 58381
Thao, N.T. A hybrid fractal-DCT coding scheme for image compression 56749
Thapar, J., Vittal, V., Kliemann, W., Fouad, A.A. Application of the normal form of vector fields to predict interarea separation in power systems 60219
Thapar, N., Baliga, B.J. The accumulation channel driven bipolar transistor (ACBT) 54593
Thapar, N. *see* Mehrotra, M. 2613
Thapliya, R., Tsuchiya, M., Kamiya, T. Joint transform correlator applied to recognition of Devanagari script 25528
Thapliya, R. *see* Kodate, K. 25529
Tharp, D. *see* Lear, E. 16180
Thatcher, C.W. Merging mixed-signal boundary-scan testing 53465
Thaus, D.M., Stark, T.J., Griffis, D.P., Russell, P.E. Development of focused ion-beam machining techniques for permalloy structures 23049
Thavasimuthu, M. *see* Joseph, A. 19374
Thavasimuthu, M. *see* Subramanian, C.V. 40715
Thawonmas, R., Abe, S. A novel approach to feature selection based on analysis of class regions 46220
Thawonmas, R. *see* Cichocki, A. 24996
Thaxiban Nair, M., Hegland, M., Anderssen, R.S. The trade-off between regularity and stability in Tikhonov regularization 40248
Thayaparan, T. *see* Hocking, W.K. 60057
Thayer, S.M., Gourley, C.S. Designing stereo heads using task domain constraints 5302
Thayne, I., Elgaid, K., Borsosfoldi, Z., Webster, D., Murad, S., Ward, B., Ferguson, S., Cameron, N., Edgar, D., Valin, I., Holland, M., Taylor, M., Haigh, D., Beaumont, S., Sewell, J. Front-end building blocks using the Glasgow 0.2 μm GaAs MESFET process 53649
Thayne, I. *see* Webster, D.R. 31133
Thayne, I.G. *see* Lamond, C. 23895
The Khoi Nguyen *see* Nguyen The Khoi
The Nan Chang Analysis of a 4-layer micro-slot coupled structure 45307
The Nan Chang, Liang Chen Kuo, Ming Lin Chuang Coaxial-fed cavity-backed slot antenna 56147
Theaker, B.D. Reliability lessons learned from the major Western Interconnection disturbances of 1994 28858
Thebault, B. *see* Bouville, C. 58056
Theberge, F., Mazumdar, R.R. A framework for dimensioning and connection acceptance control in ATM networks 46567
Thebo, L.A. *see* Unar, M.H. 26221
Theesfeld, C.J., Lord, S.M. Designing undergraduate optoelectronic laboratories: a unique senior design project 20588
Theeuwen, S.J.C.H. *see* Gribov, N.N. 42265
Thei, K.-B. *see* Liu, W.-C. 54595
Thei Kong-Beng *see* Kong-Beng Thei
Theil, C. *see* Van Elp, J. 37538
Theilacker, J.C. Cryogenic testing and analysis associated with Tevatron lower temperature operation 37083
Theiler, J. *see* Smith, B.W. 18809
Theimer, J., Haus, J.W. Dispersion balanced figure-eight laser 23787
Theimer, T. *see* Hessenmuller, H. 58029
Theimer, T. *see* Von Der Straten, G. 58001
Theimer, T.H., Von Der Straten, G. A flexible ATM-based access network architecture 47424
Theirry, B. *see* Cattan, E. 40601
Theis, K. *see* Divljakovic, V. 50979
Theis, W.M. *see* Qi, J. 2241
Theisen, B. *see* Wehner, M. 2452
Theisinger, M. Design and application of a lightweight persistency mechanism 53213
Theiss, S. *see* Wu, C.C. 48797
Theiss, S.D., Wagner, S. Amorphous silicon thin-film transistors on steel foil substrates 12968
Theiss, S.K., Prybyla, J.A. In situ study of Al_2Cu precipitate evolution during electromigration in submicron Al interconnects 42774
Theiss, W. *see* Kruger, M. 33257
Theiss, W. *see* Thonissen, M. 44174
Thelen, B.J., Paxman, R.G., Seldin, J.H., Rice, D.R. Bayes estimation of dynamic and fixed aberrations, and object from phase-diverse speckle data 15938
Thelen, B.J. *see* Subotic, N.S. 27066
Thelen, D.C., Jr, Chu, D.D. A low noise readout detector circuit for nanoampere sensor applications 48674
Thelen, D.C., Jr. *see* Wilcox, M.J. 25526
Theml, K. *see* Rinne, K.-H. 51361
Themlin, J.-M. *see* Dolgaev, S.I. 54377
Theobald, M. *see* Drechsler, R. 11262
Theobald, M. *see* Fu-Chiang Cheng 53173
Theocharidou, E., Burianec, Z. Use of neural network and expert system for emissions prediction 38104
Theocharous, E., Fox, N.P., Prior, T.R. A comparison of the performance of infrared detectors for radiometric applications 48527
Theodore, D. *see* Chi, D.Z. 54333
Theodore, N.D. *see* Adams, D. 54431
Theodore, N.D. *see* Alford, T.L. 22613
Theodore, N.D. *see* Huang, F.Y. 48544
Theodore, N.D. *see* Im, S. 32131
Theodore, N.D. *see* Jaquez, E.J. 54390
Theodore, N.D. *see* Wetteroth, T. 22911
Theodoropoulos, C., Ingle, N.K., Mountziaris, T.J. Computational studies of the transient behavior of horizontal MOVPE reactors 40325
Theodoropoulos, C. *see* Ingle, N.K. 911
Theodorou, G. *see* Tserbak, C. 2166
Theodorsson, P. Low-level counting: past–present–future 18102
Theodoulidis, T.P., Kantartzis, N.V., Tsiboukis, T.D., Kriezis, E.E. FDM-based second order vector potential formulation for 3D eddy current curvilinear problems 44947
Theodoulidis, T.P. *see* Rekanos, I.T. 52904
Theofanous, T.G. On the proper formulation of safety goals and assessment of safety margins for rare and high-consequence hazards [for nuclear power] 50700
Theogarajan, L., Akers, L.A. A multi-dimensional analog Gaussian radial basis circuit 1671
Theogarajan, L., Akers, L.A. Analog VLSI implementations of receptive field profiles found in visual cortical neurons 5542
Theologou, M.E. *see* Manolessos, I.I. 25953
Ther, E. *see* Krohn, H. 9508
Theres, H. *see* Romberg, D. 37822
Therez, F., Senouci, N. Effective temperature increase and real-space transfer for heterostructures 12922
Theriault, S., Hill, K.O., Bilodeau, F., Johnson, D.C., Albert, J., Drouin, G., Beliveau, A. High-g accelerometer based on an in-fiber Bragg grating sensor 58806
Therisod, S. *see* Costanzo, G.A. 27223
Thero, C., Singh, P. Electrodeposition of mercury zinc telluride thin films for solar cell applications 39220
Thero, C. *see* Hadizad, P. 60863
Theron, D. *see* Langrez, D. 53593
Theron, D.C. *see* Swart, P.L. 36631
Theron, D.R., Herman, R. Modelling of maximum temperatures in aerial bundled cables feeding domestic loads using the beta probability distribution function 28911
Therond, P.-G. *see* Poumarede, C. 8959
Therond, P.G. *see* Lombard, X. 60304
Therrien, C.W., Jenkins, W.K. New insights in the analysis of polynomial adaptive filters 45911
Therrien, J. *see* Mil'shtein, S. 44234
Therrien, R. *see* Shutt, T. 37472
Thessen, O. *see* Hellberg, L. 58057
Theunis, H.G.J. Conditions and design examples for instantaneous and simultaneous switching of filter banks 56477
Theunissen, L. *see* Sejin Han 10068
Theure, Ph. *see* Golovanov, L.B. 18072
Theuwissen, A.J.P. *see* Stoldt, H. 48230
Theuws, W.H.C., Botman, J.I.M., Hagedoorn, A., Leeuw, M.W.D., Timmermans, W.S. The 75 MeV Racetrack Microtron Eindhoven 37110
Thevenaz, L. *see* Kung, A. 23516
Thevenaz, P., Unser, M. A pyramid approach to sub-pixel image fusion based on mutual information 56772
Thevenaz, P. *see* Unser, M. 25603
Thevenot, V., Souliere, V., Dumont, H., Monteil, Y., Bouix, J., Regreny, P., Duc, T.-M. Behaviour of vicinal InP surfaces grown by MOVPE: exploitation of AFM images 40353
Thevenoux, P., Barrat, B., Poirier, S., Laroche, G. An object-oriented framework for multi-sensor system and optronic components assessment 38176
Thevuthasan, S. *see* Gao, Y. 40402
Thewalt, M.L.W. *see* Lacroix, Y. 2012
Thewes, R., Brox, M., Goser, K.F., Weber, W. Hot-carrier degradation of p-MOSFET's under analog operation 43044
Thewes, R., Goser, K.F., Weber, W. Hot carrier induced degradation of CMOS current mirrors and current sources 43301
Thewes, R. *see* Bertagnolli, E. 2796
Theys, C. *see* Ferrari, A. 25008
Thezee, C. *see* Dollo, R. 49826
Thi Hoai An Le *see* Le Thi Hoai An
Thi Ngoc Lan Ton *see* Ton Thi Ngoc Lan
Thiagarajan, P., Giudice, G.E., Temkin, E., Robinson, G.Y. Highly strained 1.3 μm InAsP-InGaAsP lasers with low threshold currents grown by gas-source molecular beam epitaxy 55607
Thiagarajan, P. *see* Patel, D. 22384
Thiam Beng Lim *see* Lim Thiam Beng
Thiam Soo Kian *see* Kian Thiam Soo
Thiam-Beng Lim *see* Geok-Leong Tan 192
Thian, W.H. *see* Wee, A.T.S. 2449
Thiang Tjhung Tjeng *see* Tjeng Thiang Tjhung
Thibado, J. *see* Stoebe, T.G. 8198
Thibaudeau, P. *see* Pellegrini, Y.-P. 45075
Thibault, C. *see* Griebenow, R. 9083
Thibault, L., Minh Thien Le Performance evaluation of COFDM for digital audio broadcasting. I. Parametric study 36315
Thibeault, B.J., Bertilsson, K., Hegblom, E.R., Floyd, P.D., Coldren, L.A. High-speed modulation characteristics of oxide-apertured vertical-cavity laser 44569
Thibeault, B.J., Bertilsson, K., Hegblom, E.R., Strzelecka, E., Floyd, P.D., Naone, R., Coldren, L.A. High-speed characteristics of low-optical loss oxide-apertured vertical-cavity lasers 23902
Thibeault, B.J. *see* Akulova, Y.A. 33532
Thibeault, B.J. *see* Akulova, Y.A. 44530
Thibeault, B.J. *see* Akulova, Y.A. 55649
Thibeault, B.J. *see* Babic, D.I. 24003
Thibeault, B.J. *see* Hegblom, E.R. 3930
Thibeault, B.J. *see* Naone, R.L. 33525
Thibeault, B.J. *see* Strzelecka, E.M. 55612
Thibeault, B.J. *see* Wipiejewski, T. 3841
Thibeault, B.J. *see* Wipiejewski, T. 23930
Thibeault, C., Payeur, A. Experimental results from I_{DDT} testing 40976
Thibodeaux, R.J. *see* Skvarenina, T.L. 18708
Thibodeaux, R.J. *see* Skvarenina, T.L. 18710
Thibout, R. *see* Juncar, P. 17182
Thie, J.A., Smith, G.T., Hubner, K.F. Linear least squares compartmental-model-independent parameter identification in PET 28211
Thiebaud, D. *see* Boy, J.J. 23265
Thiebaux, S., Cordier, M.O., Jehl, O., Krivine, J.-P. Supply restoration in power distribution systems–a case study in integrating model-based diagnosis and repair planning 8822
Thiede, A., Bushehri, E., Nowotny, U., Rieger-Motzer, M., Sedler, M., Bronner, W., Hornung, J., Kaufel, G., Raynor, B., Schneider, J. Sub-nanosecond access time 2K sine-cosine-ROM in AlGaAs/GaAs/AlGaAs quantum well HEMT technology 41131
Thiede, A. *see* Berroth, M. 36182
Thiede, A. *see* Lao, Z. 31202
Thiede, A. *see* Lao, Z. 40927
Thiede, A. *see* Lao, Z. 48001
Thiede, A. *see* Wang, Z.-G. 1545
Thiede, A. *see* Wang, Z.-G. 41477
Thiede, D. *see* Dahlin, M.J. 18931
Thiel, A., Habiger, C., Troster, G. MCM-L as a cost-effective solution for high-speed digital design 22110
Thiel, A. *see* Ammann, D. 22109
Thiel, B. *see* Meredith, P. 12129
Thiel, C. *see* Biehl, I. 4549
Thiel, D.V., O'Keefe, S., Lu, J.W. Electronic beam steering in wire and patch antenna systems using switched parasitic elements 34376
Thiel, D.V. *see* Preston, S.L. 24597
Thiel, S., Mostert, C.-H., Enslin, J.H.R., Stephen, R. Universal power electronic solution to low-cost rural electrification 60844
Thiele, D.L. Quality control in diagnostic radiology. A United States perspective 37617
Thiele, D.L., Craig, A.R. Mean glandular dose and the standard breast 37906
Thiele, E. *see* Vichot, P. 41223
Thiele, L. *see* Schobinger, M. 1457
Thiele, L. *see* Teich, J. 47467
Thiele, S. *see* Waldmann, H.-C. 50160
Thielen, A., Niezette, J., Feyder, G., Vanderschueren, J. Thermally stimulated current study of space charge formation and contact effects in metal-polyethylene terephthalate film-metal systems. I. Generalities and theoretical model 12599
Thielen, A., Niezette, J., Feyder, G., Vanderschueren, J. Thermally stimulated current study of space charge formation and contact effects in metal-polyethylene terephthalate film-metal systems. II. Influence of polarization conditions 12600
Thielen, A., Niezette, J., Vanderschueren, J., Feyder, G., Le, Q.T., Caudano, R. Thermally stimulated current study of space-charge formation and contact effects in metal-polyethylene terephthalate films-metal systems. III. Influence of heat treatments 54312
Thielmann, J. Heat dissipation from switchgear cubicles 9434
Thiem, C.D. Advanced thermal simulation for radar components 50269
Thiemann, H., Weiler, H. One year of operating experience with the largest river-water reverse osmosis plant in Germany 60560
Thieme, C. *see* Fischer, B. 43476
Thieme, C.L.H., Kim, J.B., Takayasu, M., Foner, S., Iwasa, Y., Rodrigues, D., Jr., Yamada, Y., Ando, T. Critical current densities of jelly-roll and powder metallurgy Nb_3Al wires as a function of temperature and magnetic field 55107
Thieme, H.J. *see* Kim, M. 30788

Thieme, R. *see* Brummerhof, A. 49681
Thien, H.Vu *see* Vu Thien, H.
Thien Binh Vu *see* Vu Thien Binh
Thien Le Minh *see* Minh Thien Le
Thienpont, H. *see* Berghmans, F. 44091
Thienpont, H. *see* Kirk, A. 55360
Thienpont, H. *see* Panajotovo, K.R. 44171
Thienpont, H. *see* Verbandt, Y. 58798
Thierauf, S.C. *see* Montanaro, J. 1446
Thierbach, S. *see* Wurfl, J. 43343
Thierens, D. Dimensional analysis of allele-wise mixing revisited 10380
Thierry, B. *see* Jaber, B. 52803
Thierry, E. *see* Rostaing, P. 25830
Thierry-Mieg, V. *see* Dutisseuil, E. 2150
Thierry-Mieg, V. *see* Gusev, A.O. 42264
Thiery, J.-F. *see* Fawaz, H. 54822
Thiery, J.-P. *see* Clesca, B. 16828
Thiery, J.-P. *see* Penninckx, D. 26878
Thiery, J.-P. *see* Pierre, L. 43934
Thiery, J.F., Fawaz, H., Pesant, J.C., Linh, N.T., Salmer, G. Beryllium ion implantation into GaAs and pseudomorphic AlGaAs/InGaAs/GaAs heterostructure 54352
Thiery, L., Prenel, J.-P. Micronic intensity analysis and imaging in laser optics by means of microthermoelectrical sensors 7305
Thiery, Y. *see* Garvey, T. 49193
Thies, A. *see* Kamp, H. 21262
Thiesemann, C. *see* Bleck, J.S. 18270
Thiesse, B. *see* Charvillat, V. 5295
Thiesse, F. *see* Biersack, E.W. 46056
Thiessen, K.M. *see* Hoffman, F.O. 49823
Thijs, P. *see* Hummel, E. 16825
Thijs, P.J.A. *see* Adams, A.R. 23953
Thijs, P.J.A. *see* Spiekman, L.H. 24027
Thijs, P.J.A. *see* Tiemeijer, L.F. 6720
Thijs, P.J.A. *see* Tiemeijer, L.F. 16748
Thijs, P.J.A. *see* Tiemeijer, L.F. 23911
Thijs, P.J.A. *see* Tiemeijer, L.F. 33543
Thijssen, J.M. *see* van Schijndel, N.H. 28357
Thijssen, M.S. *see* van Eijkelenborg, M.A. 14214
Thilakan, P., Kumar, J. Reactive thermal deposition of indium oxide and tin-doped indium oxide thin films on InP substrates 54105
Thio, T. *see* Solin, S.A. 27441
Thiran, J.-P., Macq, B., Michel, C. Morphological registration of 3D medical images 59509
Thiran, J.-P., Piscaglia, B., Piscaglia, P., Macq, B., Goudemant, J.-F., Demeure, R. IMIS: A multiplatform software package for telediagnosis and 3D medical image processing 59514
Thiria, S. *see* de Lassus, H. 17017
Thiria, S. *see* de Lassus, H. 36304
Thirion, J.-P., Subsoll, G., Dean, D. Cross validation of three inter-patients matching methods 18388
Thirion, J.-P. *see* Gilles, S. 15990
Thirion, J.-P. *see* Subsol, G. 18292
Thirion, J.-P. *see* Subsol, G. 18392
Thiriot, A. *see* Bourssseau, S. 10970
Thirumavalavan, M. *see* Fornari, R. 12656
Thirumoorthy, H., Lin, S. A suboptimum iterative soft decision decoding algorithm for binary linear block codes 34618
Thirumurthy, M. *see* Pegels, C.C. 9960
Thirunakaran, R., Vasudevan, S., Sivashanmugam, A., Kumar, G., Muniyandi, N. 1-nitronaphthalene as a cathode material for magnesium reserve batteries 9523
Thirunarayan, K. *see* Eastham, R. 1036
Thirusangu, K., Rangarajan, K. Marked graphs and Euler graphs 10313
Thiry, P.A. *see* Guyaux, J.-L. 2120
Thisse, J.-F. *see* Hsiao-Chi Chen 40001
Thissen, D., Linnhoff-Popien, C. Finding optimal services within a CORBA trader 26206
Thivierge, M., Gulrajani, R.M., Savard, P. The effects of myocardial anisotropy in the forward problem of electrocardiography 59723
Thiyagarajan, S.M.K., Levi, A.F.J. The effect of scaling microlasers on modal noise 14113
Tho Cong Tran, Pi-Fuay Chen Edge detection and image smoothing using neural networks 57522
Tho Le-Ngoc *see* Babu, T.V.J.G. 6694
Tho-Le Ngoc *see* Huang, J. 6679
Thobel, J.L. *see* Mouton, O. 41927
Thobel, J.L. *see* Sleiman, A. 42081
Thoby, M. *see* Hernandez, D. 6700
Thoegersen, P. *see* Blaabjerg, F. 38832
Thoegersen, P. *see* Blaabjerg, F. 39281
Thoen, E.R. *see* Grossman, C.H. 24165
Thoen, J. *see* Fivez, J. 48977
Thogersen, P., Tonnes, M., Jaeger, U., Nielsen, S.E. New high performance vector controlled AC-drive with automatic energy optimizer 61136
Tholey, V. *see* Tillerot, F. 26852
Tholomier, M. *see* Farjon, A. 60874
Thom, D. Sustainability and education: to sink–or to swim? 30033
Thom, G.A. H.323: the multimedia communications standard for local area networks 26092
Thoma, G.R., Long, L.R., Berman, L.E. A client/server system for Internet access to biomedical text/image databanks 15429
Thoma, G.R. *see* Le, D.X. 5645
Thoma, M.J. *see* Rafferty, C.S. 42410
Thoma, M.J. *see* Twiford, M.S. 43313
Thoma, P.E. *see* Ralston, A.R.K. 17342
Thoma, P.E. *see* Zhang, C. 19934
Thoma, R. *see* Jungemann, C. 12861
Thomann, J. Symbolic and numerical manipulations of divergent power series 30656
Thomann, P. *see* Dudle, G. 48308
Thomann, P. *see* Sagna, N. 27368
Thomas, A., Martin, P. For a reactive production activity control 52315
Thomas, A. *see* Thomas, E.W. 20486
Thomas, B., Andlauer, R. Low cost test solution for IDDQ 27418
Thomas, B., Arani, F., Honary, B. Algorithm for speech model root location 45644
Thomas, B., Ellmer, K., Mueller, M., Hoepfner, C., Fiechter, S., Tributsch, H. Structural and photoelectrical properties of FeS_2 (pyrite) thin films grown by MOCVD 54132
Thomas, B., Nema, R.S. Partial discharge degradation and breakdown studies in polypropylene films 13288
Thomas, B. *see* Akhtar, M.W. 40520
Thomas, B. *see* Kaufman, L.S. 57703
Thomas, B.H. *see* Boucher, D.J. 8447
Thomas, B.T. *see* Dickson, S. 7899
Thomas, C. Impact of new clock technologies on the stability and accuracy of the International Atomic Time TAI 27329
Thomas, C. Stability and accuracy of International Atomic Time TAI 36363
Thomas, C., Azoubib, J. TAI computation: study of an alternative choice for implementing an upper limit of clock weights 27207
Thomas, C. *see* Arnold, W. 16131
Thomas, C. *see* Hellendoorn, H. 46627
Thomas, C. *see* Petit, G. 26662
Thomas, C. *see* Petit, G. 27372
Thomas, C.G. Embedded generation: the regulatory angle 28971
Thomas, C.G. Conventions and constraints: the NFFO experience 28994
Thomas, C.H., Heygster, G.C. Individual weather correction for Antarctic sea-ice concentrations from SSM/I 8497
Thomas, C.J. *see* Ingram, A.E. 39208
Thomas, C.L.P. *see* Munro, W.A. 50218
Thomas, C.W. *see* Das, V.E. 49503
Thomas, D., Kingon, A.I., Auciello, O., Waser, R., Schumacher, M. Pulsed laser ablation synthesis and characterization of layered $SrBi_2Ta_2O_9$ films and integration into capacitors for non-volatile memories 52674
Thomas, D. *see* Colyer, B. 44984
Thomas, D. *see* Werner, S. 10899
Thomas, D.E. *see* Schmit, H. 31271
Thomas, D.G., Jr., Branner, G.R. Optimization of active microwave frequency multiplier performance utilizing harmonic terminating impedances 21909
Thomas, D.W. *see* Jaukett, R. 8086
Thomas, E. *see* Beyer, R. 43228
Thomas, E. *see* Taylor, M.J. 19319
Thomas, E. *see* Yang, T. 55439
Thomas, E.C. *see* Arthur, P.C. 38052
Thomas, E.C. *see* Jones, T.B. 38053
Thomas, E.C. *see* Milan, S.E. 45144
Thomas, E.W., Marr, M.J., Thomas, A., Hume, R.M., Walker, N. Using discriminant analysis to identify students at risk 20486
Thomas, E.W. *see* Morton, K. 20472
Thomas, F. *see* Martinez, J. 5385
Thomas, G. Symbolic computation of the index of quasilinear differential-algebraic equations 21183
Thomas, G. Multi-channel input-queueing for high throughput switches 35420
Thomas, G. Bifurcated queueing for throughput enhancement in input-queued switches 46685
Thomas, G., Cabrera, S.D., Flores, B.C. Selective motion compensation in ISAR imagery using time-frequency filtering 6895
Thomas, G., Liu, K., Cabrera, S.D., Flores, B.C. Evaluation of time-frequency filtering for SAR/ISAR motion compensation via instantaneous frequency estimators 26997
Thomas, G. *see* Altoe, M.V.P. 55024
Thomas, G. *see* Engelmann, H.J. 23387
Thomas, G. *see* Sekko, E. 15403
Thomas, G. *see* Vlachos, T. 58582
Thomas, G.E. *see* van Gorkom, G.G.P. 41802
Thomas, G.M. *see* Connolly, S.M. 9037
Thomas, H. *see* Aliyu, Y.H. 55450
Thomas, H. *see* Luo, J.K. 54292
Thomas, H. *see* McConnell, C. 42472
Thomas, H.G. *see* Wilhelm, M. 37536
Thomas, H.J., Imai, N., Ogawa, K. An all-optical base station for MMW micro-cell radio using microwave-optical mixing in $LiNbO_3$ modulators 26912
Thomas, H.J. *see* Cornwell, D.M., Jr. 33497
Thomas, H.P. *see* Mitchell, R.L. 38652
Thomas, J. Intelligent sensors control microsystems 7279
Thomas, J. A new fully adaptive DPCM system for high-speed video applications 35854
Thomas, J. A delayed error least mean squares adaptive filtering algorithm and its performance analysis 45912
Thomas, J. *see* Pitschke, W. 31881
Thomas, J.A. *see* Cheng-Shang Chang 35489
Thomas, J.C., DeWitt, D.P. Monte Carlo thermal model of an integrating light pipe for rapid thermal processing 22488
Thomas, J.C. *see* Wedd, A.M. 14242
Thomas, J.D. *see* Chandra, S. 28262
Thomas, J.D. *see* Chandra, S. 49527
Thomas, J.D. *see* Greenberg, N.L. 37689
Thomas, J.D. *see* Illindala, U. 37686
Thomas, J.D. *see* Jianhua Zhou 37878
Thomas, J.E. *see* Steinway, W.J. 58503
Thomas, J.K., Scharf, L.L. Canonical correlations and canonical time series 15381
Thomas, J.K. *see* Kastella, K. 50260
Thomas, J.P. *see* Bruggeman, J.M. 50746
Thomas, J.P. *see* Cripps, M.W. 40016
Thomas, K. *see* Bataineh, A. 1068
Thomas, K.A. *see* Baginski, T.A. 51384
Thomas, K.M. *see* Ray, S.C. 19982
Thomas, K.P., Webb, P.W. The simulation and measurement of the temperature rise in a power semiconductor device under transient conditions 42900
Thomas, K.P., Webb, P.W. Temperature estimation of semiconductor die heating using numerical techniques in real time 42901
Thomas, L., Hooper, D. VHF radar observations of anisotropic and isotropic scattering 38054
Thomas, L. *see* Worthington, R.M. 18856
Thomas, M. Right by design. Myth or reality? 41580
Thomas, M. *see* Dobert, S. 37145
Thomas, M. *see* Durand, S. 38659
Thomas, M. *see* Grimmer, D. 29647
Thomas, M. *see* Harrington, D.T. 25932
Thomas, M. *see* Kinkel, J.E. 28565
Thomas, M. *see* Kremens, R.L. 36384
Thomas, M. *see* Kroemer, H. 43782
Thomas, M. *see* Palmer, J.W. 2255
Thomas, M.C. *see* Medromi, H. 27897
Thomas, M.E., Joseph, R.I. Astronomical refraction 4265
Thomas, M.E. *see* Constantikes, K.T. 38120
Thomas, M.E. *see* Kaloyeros, A.E. 12819
Thomas, M.E. *see* Schuster, P.R. 3533
Thomas, M.W. *see* Huckridge, D. 38169
Thomas, P. Numerical simulation of the compressor coil of the plasma dynamic accelerator 36984
Thomas, P., Rott, M. Measurement of the muzzle dynamic pressure of the plasma dynamic accelerator 33872
Thomas, P., Sridhar, S., Krishnaswamy, K.R. Synthesis and evaluation of oleic acid esters as dielectric liquids 19809
Thomas, P. *see* Dutuit, Y. 39925
Thomas, P. *see* Shih, C.-H.V. 27680
Thomas, P.A. *see* Hu, Z.W. 2925
Thomas, P.D. *see* Chun, H.J. 7188
Thomas, P.D. *see* Yew Kee Wong 25338
Thomas, P.G., Welsh, J. A REC's experience of embedded generation within its networks 28974
Thomas, P.J., Gilad, R., Hug, E. Co-registration of multispectral imagery for spaceborne detection of incipient forest fires 38118
Thomas, P.J., Meech, J.F., Williams, J. Multimedia information using mobile computers: accessing the digital campus and the digital library 35813
Thomas, P.J. *see* Doushkina, V.V. 8461
Thomas, R., Dube, D.C. Extended technique for complex permittivity measurement of dielectric films in the microwave region 36845
Thomas, R. *see* Byczynski, G.E. 10932
Thomas, R. *see* Patterson, D. 53275
Thomas, R. *see* von Kempf, J. 60411
Thomas, R. *see* von Kempf, J. 60412
Thomas, R.E. *see* Commare, D.L. 39915
Thomas, R.E. *see* Humphreys, T.P. 41742
Thomas, R.J. *see* Hammer, D.X. 59779
Thomas, R.L., Favro, L.D. From photoacoustic microscopy to thermal-wave imaging 38123
Thomas, R.M. *see* Khiyal, M.S.H. 52564
Thomas, S. *see* Abbott, J. 196
Thomas, S. *see* Cumming, D.R.S. 22730
Thomas, S. *see* Fresina, M.T. 2606
Thomas, S. *see* Fresina, M.T. 42961
Thomas, S. *see* Maheshwari, A. 22031
Thomas, S. *see* Sengupta, D.K. 7342
Thomas, S. *see* Vaidyanathan, S. 4359
Thomas, S., III, Chen, H.H., Hanish, C.K., Grizzle, J.W., Pang, S.W. Minimized response time of optical emission and mass spectrometric signals for optimized endpoint detection 54393
Thomas, S., III, Pang, S.W. Dry etching of horizontal distributed Bragg reflector mirrors for waveguide lasers 23963
Thomas, S.G. *see* Huang, F.Y. 48544
Thomas, S.G. *see* Wang, D. 42808
Thomas, S.R. *see* Ein-Eli, Y. 51449
Thomas, S.R. *see* Ein-Eli, Y. 60991
Thomas, T., Haddad, K., Joos, G., Jaafari, A. Performance evaluation of three phase three and four wire active filters 38332
Thomas, T. *see* Antos, J. 37373
Thomas, T. *see* Fraser, N.M. 46971
Thomas, T. *see* Haddad, K. 19052
Thomas, V. *see* Picand, F. 47328
Thomas, V.J., Vaya, P.R., Singh, M. Development of biosensor for glucose estimation by ion sensitive field effect technique 7458
Thomas, W. Test bench automation: intelligent and cost-effective 7171
Thomas, W. A refined double: multimeter and calibrator in one 17600
Thomason, K.A. *see* Cha-Mei Tang 22149
Thomason, M.G. *see* Olesen, S.P. 7999

Thomassen, C. The genus problem for cubic graphs 21067
Thomasson, D.B., Dayawansa, M., Chang, J.H., Jackson, T.N. Thin active layer a-Si:H thin-film transistors 32425
Thomasson, D.B., Jackson, T.N. Thin channel a-Si:H thin film transistors 2692
Thomenius, K.E. *see* Haider, B. 28105
Thomine, J.-B. *see* Aubin, G. 6852
Thomlinson, W.C. *see* Johnston, R.E. 37639
Thommes, A. *see* Bade, K. 30850
Thomopoulos, S. *see* Liggins, M.E., II 28587
Thomopoulos, S.C.A. *see* Hilands, T.W. 45942
Thompson, A. Silicon evolution 52958
Thompson, A. *see* Early, E.A. 17156
Thompson, A. *see* Moy, J.P. 7840
Thompson, A.A. *see* Cheung, E.S.H. 16935
Thompson, A.F. *see* Serenyi, R. 61049
Thompson, A.G. MOCVD technology for semiconductors 40448
Thompson, A.G., Stall, R.A., Kroll, W., Armour, E., Beckham, C., Zawadzki, P., Aina, L., Siepel, K. Large scale manufacturing of compound semiconductors by MOVPE 40329
Thompson, A.G., Stall, R.A., Zawadzki, P., Evans, G.H. The scaling of CVD rotating disk reactors to large sizes and comparison with theory 10853
Thompson, A.G., Yuan, C., Gurary, A., Stall, R.A., Schumaker, N.E. The growth of doped epitaxial GaN films on sapphire substrates in a production scale multi-wafer rotating disc MOCVD system 10702
Thompson, B.E. *see* Jaiprakash, V.C. 54473
Thompson, B.R. *see* Arai, Y. 37267
Thompson, B.R. *see* Arai, Y. 37268
Thompson, B.V. *see* Joshi, A. 23721
Thompson, C., Weiss, B.L. Acousto-optic Bragg diffraction in SiGe/Si planar waveguides 3420
Thompson, C.E. *see* Van Wonterghem, B.M. 24047
Thompson, C.J. *see* Picard, Y. 49501
Thompson, C.V., Knowlton, B.D. Designing circuits and processes to optimize performance and reliability: metallurgy meets TCAD 2423
Thompson, D. Resistor networks and irrational numbers 21476
Thompson, D., Neasham, J., Sharif, B.S., Hinton, O.R., Adams, A.E., Tweedy, A.D., Lawlor, M.A. Performance of coherent PSK receivers using adaptive combining, beamforming and equalisation in 50 km underwater acoustic channels 48032
Thompson, D. *see* Bartels, P.H. 59539
Thompson, D. *see* Neasham, J.A. 48034
Thompson, D.A. *see* Benjamin, S.D. 769
Thompson, D.A. *see* Krongelb, S. 33911
Thompson, D.A. *see* Plant, D.V. 13894
Thompson, D.A. *see* Qian, L. 23445
Thompson, D.C., Busch, G.E., Zaugg, T.J., Wilson, C.W. Rapid acousto-optic tuning of CO_2 lasers 13745
Thompson, D.G., Arnold, D.V., Long, D.G., Miner, G.F., Karlinsey, T.W. YSAR: a compact, low-cost synthetic aperture radar 8342
Thompson, D.O., Chimenti, D.E. *(editors)* Review of Progress in Quantitative Nondestructive Evaluation. Vol.15A 30020
Thompson, D.R. *see* Cheever, E.A. 59795
Thompson, D.R. *see* Graber, H.C. 38081
Thompson, D.S. *see* Rajanathan, C.B. 50990
Thompson, D.W. *see* Harrington, J.T. 13091
Thompson, G. *see* Jones, G.J. 50689
Thompson, G.E. *see* Habazaki, H. 2340
Thompson, G.H.B., Asghari, M., Clements, S.J., Ojha, S.M., White, I.H. Low-loss eight-channel integrated InGaAsP/InP demultiplexer 36110
Thompson, G.O. Work progresses on gigabit Ethernet 57928
Thompson, H.A. Application of commercial off-the-shelf technologies to aerospace gas turbine engine control 38024
Thompson, H.R., Jr. *see* Lee, P.H.Y. 18885
Thompson, H.R., Jr. *see* Lee, P.H.Y. 18889
Thompson, J. DAVIC: striving to achieve the benefits of openness 57986
Thompson, J., Rix, W., Coleman, P., Husovsky, D., Melcher, P. Ace 4 plasma opening switch performance above 3 MA 19894
Thompson, J. *see* Coleman, P.L. 19895
Thompson, J. *see* Farag, A.S. 51416
Thompson, J. *see* Kortbawi, D. 19892
Thompson, J. *see* Parks, D. 19896
Thompson, J. *see* Wood, A.K. 40337
Thompson, J.A. *see* Aksenov, G.A. 36440
Thompson, J.A. *see* Caswell, S.A. 28379
Thompson, J.B. *see* Miranda, F.A. 54923
Thompson, J.E. Managing convergence–the fast route to openness 35756
Thompson, J.G. Aircraft/control system simulation 8227
Thompson, J.H. *see* Sazio, P.J.A. 22537
Thompson, J.H. *see* Sazio, P.J.A. 32140
Thompson, J.M. *see* Darwish, A. 24183
Thompson, J.R. *see* Crawford, T. 3732
Thompson, J.R. *see* Fabbricatore, P. 13487
Thompson, J.S., Grant, P.M., Mulgrew, B. Smart antenna arrays for CDMA systems 6516
Thompson, J.S. *see* Auer, G. 47580
Thompson, J.S. *see* Calabrese, D. 7772
Thompson, K. *see* Assmann, R. 49032
Thompson, K. *see* Assmann, R. 49107
Thompson, K. *see* Assmann, R. 49108
Thompson, K. *see* Cho, Y. 18067
Thompson, K. *see* Ruth, R.D. 49165
Thompson, K.A. *see* Miller, R.H. 49048
Thompson, K.C., Cadalbert, D.A., Jr, Becker, T.L. Fundamentals of PSA and heat activated cover tape sealing for components packaged in tape and reel 20940
Thompson, L. *see* Farhan, F. 6367
Thompson, L. *see* Sparkes, C. 2537
Thompson, M. Hierarchy and IP reuse for board design 31594
Thompson, M. *see* Gelatos, A.V. 54511
Thompson, M. *see* Hector, S. 32290
Thompson, M. *see* Johnston, W. 26194
Thompson, M. *see* Kim, N.P. 38007
Thompson, M. *see* Perera, A.H. 32175
Thompson, M. *see* Walker, B. 8339
Thompson, M.A. *see* Hayden, J.D. 53276
Thompson, M.E. *see* Burrows, P.E. 7508
Thompson, M.E. *see* Burrows, P.E. 7514
Thompson, M.E. *see* Burrows, P.E. 55464
Thompson, M.E. *see* Gu, G. 36811
Thompson, M.E. *see* Gu, G. 55435
Thompson, M.E. *see* Wu, C.C. 3642
Thompson, M.T., Schlecht, M.F. High power laser diode driver based on power converter technology 21485
Thompson, P., Koehler, C., Petras, M., Solis, C. Flip-chip BGA assembly process and reliability improvements 31650
Thompson, P., Li, Y., Zhou, J.J., Sato, D.L., Flanders, L., Lee, H.P. Diffuse reflectance spectroscopy measurement of substrate temperature and temperature transient during molecular beam epitaxy and implications for low-temperature III-V epitaxy 40390
Thompson, P., Toga, A.W. Visualization and mapping of anatomic abnormalities using a probabilistic brain atlas based on random fluid transformations 18393
Thompson, P. *see* Badakhshan, A. 42652
Thompson, P. *see* Lall, P. 233
Thompson, P. *see* Zhou, J.J. 736
Thompson, P.A. *see* Jakowatz, C.V., Jr. 6936
Thompson, P.D. *see* Fiorino, M.E. 51284
Thompson, P.E. *see* Hobart, K.D. 1714
Thompson, P.E. *see* Potyraj, P.A. 21924
Thompson, P.J., Manry, N.T. Unification of signal reconstruction algorithms using bandwidth metric reconstruction 15181
Thompson, P.J., Street, R. Reptation and magnetic viscosity effects in a permanent magnet 13425
Thompson, P.J., Street, R. A thermodynamic model for magnetization kinetics in permanent magnets 13469
Thompson, P.J. *see* Cavenett, B.C. 23709
Thompson, R.A., Krawczyk, W.J., Kircher, J.R., Trolier, J.W. Real-time implementation of structural and aero-optical effects for hypervelocity missiles 28533
Thompson, R.A. *see* Byrd, L.Y., III 28524
Thompson, R.B. *see* Jeong, P. 40711
Thompson, R.P. *see* Henderson, L.C.A. 27236
Thompson, S. Factors affecting the future of nuclear power in OECD Europe 60495
Thompson, S. *see* Bohr, M. 41067
Thompson, S. *see* Niedoba, H. 43670
Thompson, S.E., Packan, P.A., Bohr, M.T. Linear versus saturated drive current: tradeoffs in super steep retrograde well engineering 2649
Thompson, T. The consumer PowerPC revisited 1427
Thompson, T. Moisture absorption and autoclave performance optimization of glob top ball grid array 20944
Thompson, T.R., Pearson, J. Safety aspects of HV machines in the offshore industry 61386
Thompson, V., Bidmead, M., Mubata, C. Comparison of portal imaging and megavoltage verification films for conformal pelvic irradiation 59763
Thompson, V. *see* Walker, M. 41692
Thompson, W., Armstrong, A., Etchin, S., Percival, R., Saxonis, A. The gas field ion source for finely focused ion beam systems 18080
Thompson, W.H. *see* Martin, G.A. 21254
Thompson Burgmeier, S. Education, industry and you–a vital alliance 20443
Thoms, B.D. *see* Pehrsson, P.E. 42586
Thoms, M., Lehmann, M.S., Wilkinson, C. The optimization of the neutron sensitivity of image plates 37453
Thoms, S. *see* Liu, X. 44777
Thoms, S. *see* Macintyre, D. 42855
Thoms, S. *see* Murad, S. 22566
Thomsen, A. *see* Skriver, H. 8320
Thomsen, A. *see* Skriver, H. 27057
Thomsen, C. *see* Siegle, H. 31829
Thomsen, C. *see* Wirestam, R. 59493
Thomsen, M., Wu, Z.L. Polarizing and reflective coatings based on half-wave layer pairs 33202
Thomsen, S. *see* Pearce, J.A. 59755
Thomsen, S.P., Albicki, A. An eight bit adjustable modulo multiplier 1310
Thomsen-Schmidt, P. *see* Welsch, E. 3325
Thomsen-Schmidt, P. *see* Welsch, E. 44194
Thomson, D.C. *see* Sandham, W.A. 59662
Thomson, D.J. *see* Nxumalo, J.N. 22850
Thomson, D.J. *see* Song, J. 19421
Thomson, G.B. *see* Bauer, C. 37326
Thomson, G.B. *see* Bauer, C. 37378
Thomson, K. Loads for wind turbines in complex terrain 60619
Thomson, K. *see* Apisdorf, J. 16181
Thomson, K.J. *see* Yu, S. 55471
Thomson, M.A. The use of maximum entropy in electromagnetic calorimeter event reconstruction 37370
Thomson, M.A. *see* Allison, W.W.M. 37269
Thomson, M.G.R. The electrostatic moving objective lens and optimized deflection systems for microcolumns 24368
Thomson, M.G.R. *see* Chang, T.H.P. 22673
Thomson, M.G.R. *see* Chang, T.H.P. 54555
Thomson, M.G.R. *see* Kim, H.S. 31683
Thomson, M.G.R. *see* Kratschmer, E. 24367
Thomson, N.H. *see* Walters, D.A. 2857
Thomson, T., O'Grady, K. Temperature dependence of activation volumes in Tb-Fe-Co magneto-optic thin films 32780
Thomson, W.T. *see* Dorrell, D.G. 38722
Thon, A., Kuech, T.F. Gas phase adduct reactions in MOCVD growth of GaN 21258
Thon, L.E., Coleman, G.P., Rausch, W., Schepis, D., Schulz, R., Assadaraghi, F., Shahidi, G.G., Tang, D.D. 250-600 MHz 12b digital filters in 0.8-0.25 μm bulk and SOI CMOS technologies 11576
Thon, T. *see* Karle, A. 6828
Thonet, G. *see* Matavelli, M. 25420
Thong, C.J. *see* Denes, L.J. 55341
Thong, J.T.L., Fenglei Li Eddy current compensation for magnetic electron lenses 12126
Thong, T. *see* Schaldach, M. 59796
Thong Nguyen Xuan *see* Xuan Thong Nguyen
Thongtak, A., Nanya, T. Stuck-at-fault testing for quasi-delay-insensitive logic circuits 31224
Thonissen, M., Berger, M.G., Kruger, M., Billat, S., Loni, A., Arens-Fischer, R., Luth, H., Theiss, W., Hilbrich, S., Grosse, P. Microoptical applications of porous silicon superlattices 44174
Thonissen, M. *see* Kruger, M. 33257
Thonke, K. *see* Sobolev, N.A. 2190
Thonn, R. *see* Bier, P. 9631
Thonnat, M. *see* Chleq, N. 57443
Thony, P., Bergeon, M., Molva, E., Besesty, P. 1.55-μm microchip lasers for range finding 3895
Thooris, B. *see* Bystricky, J. 59318
Thorander, P. *see* Graafsma, H. 7841
Thorarensen, I.H. *see* Bjerring, L.H. 46897
Thorarensen, I.H. *see* Lewis, D. 35598
Thorat, N.H. *see* Singh, K. 29591
Thoren, S.D. Hanford site building 190-D decontamination and decommissioning 50747
Thoren, U. *see* Bojsen, J. 18173
Thorez, M. *see* Bouaoune, Y. 59519
Thorkildsen, R. *see* Zysman, G.I. 16435
Thornagel, R. *see* Klein, R. 37089
Thornberg, B. *see* Ortigosa, J.I. 36289
Thornberg, B. *see* Padros, N. 48190
Thornbloom, M., Ngbangadia, D., Assama, M. Using micro-hydropower in the Zairian village 60571
Thorncroft, G.E., Klausner, J.F. A capacitance sensor for two phase liquid film thickness measurements in a square duct 59086
Thorndahl, L. Push-pull linac pairs to generate two drive beams for CLIC multibunch operation 49056
Thorne, M. Engineering a start for commercial DAB services 7053
Thornell, G., Hjort, K., Studer, B., Schweitz, J.-A. Cut-independent deep structuring of quartz for frequency control applications 13251
Thornell, G. *see* Hjort, K. 13153
Thornhill, C. *see* Cloude, S.R. 6966
Thornhill, J. *see* Arthur, P.C. 38052
Thornhill, J.W. *see* Sanford, T.W.L. 7753
Thornton, A. *see* Breternitz, M. 1463
Thornton, A. *see* Itskevich, I.E. 22900
Thornton, C. *see* Abbott, J. 196
Thornton, C.N. TAB OLB in a high product mix environment 53841
Thornton, D.R. A simple VNA method for mixer conversion loss measurement 48810
Thornton, E.A. *see* Johnston, J.D. 18698
Thornton, G. *see* Schedin, F. 36566
Thornton, J., Goodner, R., Ping Wang The development and optimization of the photoresist module qualification procedure 42803
Thornton, J.M.C., Cole, R.J., Gravesteijn, D.J., Weightman, P. Charge transfer and electronic activation at an Sb δ-layer in Si(001) 1986
Thornton, J.M.C., Weightman, P., Bailey, P., Woolf, D.A., Laine, A.D., Evans, D.A. Development of the Na/GaAs(111)A-(2×2) interface at room and low temperature 2244
Thornton, K. *see* Snyder, D. 8712
Thornton, M.J. *see* Bratherton, J.R. 11669
Thornton, N. Developing business-led outsourcing contracts 39649
Thornton, R.L., Yao Zou, Hibbs-Brenner, M., Morgan, R.A. Mode stabilization of 850 nm vertical cavity lasers by Si diffusion & disordering 3903
Thornton, R.L. *see* Chua, C.L. 55687
Thornton, R.L. *see* Hofstetter, D. 44518
Thornton, S.H., Mack, C.A. Lithography model tuning: matching simulation to experiment 2511
Thornton, T.J., Fernandez, J.M., Kaya, S., Green, P.W., Fobelets, K. Si:SiGe quantum wells grown

on (118) substrates: surface morphology and transport properties 42137
Thornton, T.J. *see* Rahman, F. 23411
Thorp, D., Campbell, P., Wenham, S.R. Absorption enhancement in conformally textured thin-film silicon solar cells 39050
Thorp, D. *see* Guang Fu Zheng 39035
Thorp, J.S., Naqavi, S.A. Load-flow fractals draw clues to erratic behaviour 28737
Thorp, J.S. *see* Rovnyak, S.M. 28783
Thorp, J.S. *see* Udren, E.A. 38417
Thorp, J.S. *see* Udren, E.A. 38418
Thorpe, A.J.Spring *see* Spring Thorpe, A.J.
Thorpe, D.J., Probert, P.J. Quality control using electromagnetic induction sensors 344
Thorpe, S.J. *see* Kirk, D.W. 61068
Thorsen, D., Franke, S.J., Kudeki, E. A new approach to MF radar interferometry for estimating mean winds and momentum flux 60050
Thorsen, J.E., Bovin, J., Carlsen, H. 3 kW Stirling engine for power and heat production 20090
Thorsen, O.V., Dalva, M. A survey of the reliability with an analysis of faults on variable frequency drives in industry 51688
Thorsteinsen, T.-F. *see* Berg, M. 37259
Thothathiri, M. *see* Hongqiang Lu 52725
Thottuvelil, V.J., Kakalec, R.J. Analysis and design of broadband power systems 50501
Thottuvelil, V.J. *see* Jacobs, M.E. 51297
Thou-Ho Chen *see* Sheng-Chieh Huang 31233
Thouly, C. *see* Scellier, D. 37730
Thourel, P. *see* Schmitt, F. 27090
Thouroude, D. *see* Daniel, J.P. 56205
Thrasher, C.W. *see* Shustorovich, A. 57046
Thripuraneni, J.A., Lou, W., DeBrunner, V.E. Mixed Malvar-wavelets for non-stationary signal representation 15115
Thro, P.Y. *see* Le Garrec, B.J. 33434
Throckmorton, A. *see* Kudva, P. 18591
Throckmorton, A.J. *see* Goodzeit, N.E. 49933
Thron, J.L. *see* Allison, W.W.M. 37269
Throne, R.D., Olson, L.G., Hrabik, T.J., Windle, J.R. Generalized eigensystem techniques for the inverse problem of electrocardiography applied to a realistic heart-torso geometry 59688
Throne, R.D. *see* Hoppner, J.M. 49443
Throne, R.D. *see* Hrabik, T.J. 49692
Throne, R.D. *see* Schelert, J. 49611
Thrum, F. *see* Wende, G. 27231
Thrum, H. *see* Pfeifer, T. 48454
Thrush, A.J. *see* Elliott, M.R. 37727
Thrush, C.M. *see* Panaev, I.A. 12279
Thrush, E.J., Crawley, J.A., Van Der Stricht, Y., Moerman, I., May, L., Nicholls, E., Vergani, G. MOCVD growth of gallium nitride 30799
Thrush, E.J. *see* Van der Stricht, W. 21276
Thrush, E.J. *see* Van der Stricht, W. 40453
Thrush, E.J. *see* Zhang, X. 40327
Thucydides, G., Barnes, J.M., Tsui, E., Barnham, K.W.J., Phillips, C.C., Cheng, T.S., Foxon, C.T. Tailored carrier escape rates in $GaAs/Al_{0.3}Ga_{0.7}As$ asymmetric double quantum wells 42189
Thue, W.A. *see* Clapp, A.L. 50605
Thue, W.A. *see* Landinger, C.C. 50606
Thuemler, R.L. *see* Lite, K. 13811
Thuente, D., Brown, C., Borchelt, T., Hill, E. The design and analysis of the AFATDS communication networks using simulation 60139
Thueringer, R., Buck, T.J. High speed transmission using internal microwiring 11961
Thuermer, K. *see* Koch, R. 883
Thuijsman, F. *see* Flesch, J. 10280
Thuillier, G. *see* Lathuillere, C. 60066
Thulasiraman, K. *see* Lienig, J. 32481
Thumm, G. *see* Renz, K. 50441
Thumm, G. *see* Renz, K. 50518
Thumm, M. Present developments and status of electron sources for high power gyrotron tubes and free electron masers 53930
Thumm, M. *see* Pereyaslavets, M. 41786
Thummes, G. *see* Schone, S. 32917
Thun, J. *see* Martinez, E. 49350
Thun, R. *see* Fernow, R.C. 17931
Thundat, T. *see* Datskos, P.G. 7340
Thundat, T. *see* Deelman, P.W. 717
Thundat, T. *see* Deelman, P.W. 791
Thundat, T. *see* Oden, P.I. 7408
Thundat, T. *see* Oden, P.I. 27565
Thundat, T. *see* Wachter, E.A. 7325
Thune, M., Olstad, B., Thune, N. Edge detection in noisy data using finite mixture distribution analysis 57194
Thune, N. *see* Thune, M. 57194
Thunter Hwang *see* Yeong-Maw Chen 36469
Thuot, M.E. *see* Sherman, J.D. 49174
Thurai, M. *see* Eastment, J.D. 36247
Thurai, M. *see* Tan, J. 35919
Thurai, M. *see* Tan, J. 45135
Thurer, K.-H. *see* Schreck, M. 40403
Thurfjell, L. *see* Andersson, J.L.R. 59451
Thurfjell, L. *see* Carlbom, I. 18200
Thurian, P. *see* Heitz, R. 41971
Thurian, P. *see* Siegle, H. 31829
Thuries, E. *see* Samitz, U. 51381
Thuring, B. *see* Schreiber, A. 44104
Thurk, M. *see* Kaiser, G. 43817
Thurlings, L.F.G. *see* van de Kraats, A.H. 52067
Thurlings, L.F.G. *see* van de Kraats, A.H. 52068
Thurman, D.A. *see* Weiner, A.J. 60008
Thurmer, J. Functional methods to determine the EPA compatibility of mechanical tools 24356
Thurmes, W.N. *see* Wand, M.D. 44109
Thurnauer, M.C. *see* Rajh, T. 32186
Thursby, G. *see* Michie, C. 17400
Thursby, G. *see* Michie, C. 17454
Thursby, G. *see* Michie, W.C. 48953
Thursby, G. *see* Wei Jin 48632
Thursby, M.H. *see* Alhumaidi, S.M. 8433
Thursby, W.R., Shirley, B.M. Low cost subminiature telemetry spread spectrum technology demonstration/validation 7204
Thurston, W. *see* Lukianovich, A. 18177
Thurzo, I., Ivanco, J. Attempts to correlate hydrogen plasma-induced and $Si_3N_4/GaAs$ interface-related surface states: a charge deep-level transient spectroscopy study 42281
Thurzo, I. *see* Ivanco, J. 12563
Thurzo, I. *see* Nadazdy, V. 41953
Thust, H. *see* Drue, K.-H. 53641
Thust, H. *see* Muller, J. 1869
Thust, H. *see* Muller, J. 53868
Thust, M. *see* Schoning, M.J. 13180
Thuvander, A. *see* Schedin, E. 11835
Thuy Dm Le *see* Vahid, F. 1087
Thuy Tran-Quinn, Johnston, S., Lindquist, R. Contact etch in the LAM 4520XL using standard CF_4/CHF_3 chemistry 42444
Thwaite, C. *see* Martin, J.E. 28612
Thwaites, D.I., Burns, D.T., Klevenhagen, S.C., Nahum, A.E., Pitchford, W.G. The IPEMB code of practice for electron dosimetry for radiotherapy beams of initial energy from 2 to 50 MeV based on an air kerma calibration 18582
Thwaites, F.T., Williams, A.J., III Development of a modular acoustic velocity sensor 50193
Thyagarajan, K., Rastogi, V., Shenoy, M.R., Ostrowsky, D.B., De Micheli, M., Baldi, P. Modeling of parametric amplification in the Cerenkov-idler configuration in planar waveguides 4321
Thyagarajan, K., Varshney, R.K., Palai, P., Ghatak, A.K., Goyal, I.C. A novel design of a dispersion compensating fiber 3360
Thylen, L., Ohlen, P., Berglind, E. The role of simple non-digital optoelectronic repeaters in scalable, transparent optical networks 58325
Thylen, L. *see* Ohlen, P. 6732
Thylen, L. *see* Palm, T. 44082
Thylen, L. *see* Schiess, M. 16759
Thylen, L. *see* Wosinska, L. 35884
Thyssen, N., Ustinov, A.V., Kohlstedt, H. Flux flow and resonant modes in multi-junction Josephson stacks 43802
Thyssen, N. *see* Ustinov, A.V. 43801
Thyssen, N. *see* Vernika, I.V. 32906
Thywissen, J.H. *see* Johnson, K.S. 2484
Ti-Wen Fan *see* Fan Ti-Wen
Ti-Yen Yen *see* Wen-Jong Fang 40837
Tiali, S. *see* Steckl, A.J. 10626
Tian, B. *see* Shaikh, M.A. 18836
Tian, F., Chen, J., Li, G.-F. Amplitude and phase noise of self-pulsations in laser diodes 33526
Tian, J., Guo, H., Wells, R.O., Jr., Burrus, C.S., Odegard, J.E. Evaluation of a new wavelet based compression algorithm for synthetic aperture radar images 6948
Tian, J., Juhola, M., Gronfors, T. Segmentation of auditory brainstem response signals 37809
Tian, J., Juhola, M., Gronfors, T. Complementary Wiener filter for extracting auditory evoked potential 59616
Tian, M. *see* Lorgere, I. 3327
Tian, M. *see* Perry, J.W. 14408
Tian, S., Morris, S.J., Morris, M., Obradovic, B., Tasch, A.F. Monte Carlo simulation of ion implantation damage process in silicon 42397
Tian, S. *see* Morris, S. 12661
Tian, S. *see* Morris, S. 54343
Tian, S. *see* Parab, K.B. 12693
Tian, S. *see* Yang, S.-H. 54344
Tian, S. *see* Yong, S.-H. 12655
Tian, X., Shuttleworth, R., Power, A., Al Zahawi, B.A.T. Development of a novel snubber circuit for on-load GTO assisted tap changer 19795
Tian, X. *see* Li, J.M. 51392
Tian, X. *see* Yi, M. 22912
Tian, Y., Chan, Y.C., Lai, J.K.L., Pak, S.T.F. The effect of solder paste viscosity on porosity and mechanical properties of surface mount solder joints 53738
Tian, Y., Hong, Y., Fu, S., Hu, Y., Kan, Y., Tao, X. The study of LIGA technique at NSRL 32338
Tian, Y.C. *see* Xia, A.D. 2498
Tian, Y.L. *see* Gardner, J.A. 54330
Tian Cechan *see* Wang Pengqian 14301
Tian Cechan *see* Cechan Tian
Tian Desen *see* Zhang Chenjun 46399
Tian Feng, Chen Guorui, Yin Wenyan Estimation of the absorption efficiency of microwaves by the warm plasma within new microwave electrothermal thruster 55988
Tian Feng, Zhao Hong, Chen Wenyi, Tan Yushan Measurement technology of three-dimensional contour through grating projecting composite 27909
Tian Guiyun *see* Guiyun Tian
Tian Guo-Yun *see* Sun Qian 33740
Tian Guoyun *see* Guoyun Tian
Tian Hao, Yuanze Xu Dielectric evidence for the material design of ER fluids 968
Tian He *see* Liu Shenggao 31902
Tian Hongqi *see* Hongqi Tian
Tian Jialin *see* Jialin Tian
Tian Jin *see* Hu Zhengrong 41394
Tian Jin-Fa *see* Luo Ke-Jian 31993
Tian Jingquan, Jiang Delong, Fu Lichen, Lu Yaohua, Li Ye, Wang Guifen, Yan Jinliang Amorphous state Al_2O_3 electron transmission film at the input of MCP 7417
Tian Lifen *see* Liu Qing 60245
Tian Liu *see* Feleppa, E.J. 37719
Tian Liu *see* Lizzi, F.L. 37867
Tian Sheping The technology of computer speech processing and its application on intelligent instruments 7169
Tian Sheuan Chang *see* Chingson Chen 1472
Tian Shihong *see* Wang Guirong 24373
Tian Wang, Kun Tang, Chongxi Feng A high quality MBE-LPC-FE speech coder at 2.4 kbps and 1.2 kbps 14898
Tian Wang *see* Wang Tian
Tian Wei *see* Chirarattananon, S. 29917
Tian Weijian *see* Tang Jiyue 55923
Tian Wen-Jing, Huang Jin-Song, Wu Fang, Sun Chang-Qing, Liu Xiao-Dong, Ma Yu-Guang, Liu Shi-Yong, Shen Jia-Cong Influence of the energy level matching on the performances of organic/polymeric electroluminescent devices 44258
Tian Wen-Jing *see* Huang Jing-Song 44285
Tian Xu *see* Zhang Guangjun 57381
Tian Yangchao *see* Yangchao Tian
Tian Ying-Li *see* Ying-Li Tian
Tian Yuchun *see* Yuchun Tian
Tian-Bing Xu *see* Bo-Rong Shi 42401
Tian-Bo Deng Parallel realization method for multidimensional digital filters 1594
Tian-Bo Deng Design of variable 2-D linear phase IIR filters with guaranteed stability 53438
Tian-Cai Zhang *see* Zhang Tian-Cai
Tian-Hai Cai *see* Qi-Yuan Wang 54037
Tian-Hu Yu, Mitra, S.K. Efficient approach for the detection of diffuse edges 25313
Tian-Hua Liu, Chih-Ying Lin, Jin-Shyr Yang, Wen-Yao Chang Modeling and harmonics elimination for a static frequency converter driving a 300 MVA synchronous machine 9130
Tian-Hua Liu, Hui-Ping Chen Design and analysis of a resonant DC-link inverter driving an AC motor and efficiency study 60841
Tian-Hua Liu *see* Bin-Yen Ma 51655
Tian-Ji Chiou *see* Chiou Tian-Ji
Tian-Lun Chen *see* Chen Tian-Lun
Tian-Ren Huang *see* Ying-Dar Lin 47206
Tian-Sheuan Chang *see* Ching-Chao Yang 53388
Tian-Tsair Su *see* Chung-Ju Chang 6569
Tian-Xian Zhao, Brown, B.H., Nopp, P., Wei Wang, Leathard, A.D., Li-Qin Lu Modelling of cardiac-related changes in lung resistivity measured with EITS 18464
Tiana, C. *see* Sweet, B.T. 18648
Tiancheng Zhu *see* Zhu Tiancheng
Tianduo Li *see* Li Tianduo
Tianhong Lu *see* Li Feng 29578
Tianhua Li *see* Li Tianhua
Tianhuai Ding *see* Ding Tianhuai
Tianhui Shen *see* Shen Tianhui
Tianjue Zhang *see* Zhang Tianjue
Tianling Xin *see* Xin Tianling
Tianming Kong *see* Kong Tianming
Tianshu Lai, Weizhu Lin Recordable depth of view and allowable farthest far-field distance of off-axis holography for particle sizing 36914
Tianwu Feng *see* Feng Tianwu
Tianxiao Yin *see* Haiming Shao 17176
Tianxin Chen *see* Chen Tianxin
Tianxiong Xue *see* Qingjian Yu 4304
Tianxiong Xue *see* Xue Tianxiong
Tianxu Zhang *see* Nong Sang 15764
Tianxu Zhang *see* Zhang Tianxu
Tianying Li *see* Li Tianying
Tianyou Chai *see* Shujiang Li 38704
Tianyou Chai *see* Chai Tianyou
Tianyun Li *see* Li Tianyun
Tianzhou Chen *see* Chen Tianzhou
Tianzi Jiang Parallel information-based complexity of numerical integration on Holder class $H_M^{S,\alpha}(\Omega)$ 21161
Tianzi Jiang, Songde Ma Geometric primitive extraction using tabu search 5380
Tianzi Jiang, Songde Ma On a new kind of 2-periodic trigonometric interpolation 52541
Tianzu Wu *see* Zhou, G. 21080
Tiao Zhou, Hundt, M. Board and system level effects on plastic package thermal performance 214
Tiao-Yuan Huang *see* Chao-Hsin Chien 22743
Tiao-Yuan Huang *see* Chao-Hsin Chien 54291
Tiaosheng Tong, Yaolan Wang, Fuying Zhao, Xiaoli Wang, Zaoshen Teng An approach of vibrational feedback control for thermodynamics system of CO_2–laser 44341
Tiba, Y. *see* Doi, H. 2912
Tiberio, P. *see* Ciaccia, P. 4444
Tiberio, R., Toccafondi, A., Maci, S., Romani, B. An incremental theory of diffraction formulation for circular cylinders 33976
Tiberio, R. *see* Albani, M. 33920
Tiberio, R. *see* Albani, M. 33941
Tiberio, R. *see* Capolino, F. 34403
Tiberio, R. *see* Maci, S. 24517

Tiberio, R. *see* Morgan, M.D. 23641
Tiberio, R. *see* Toccafondi, A. 56178
Tiberio, R.C. *see* Wolfe, J.C. 22711
Tibuleac, S., Magnusson, R. Diffractive narrow-band transmission filters based on guided-mode resonance effects in thin-film multilayers 44178
Tibuleac, S., Magnusson, R., Maldonado, T.A. Microwave waveguide-grating dielectric filters 33215
Ticar, I. *see* Preis, K. 39628
Ticehurst, C. *see* Yunhan Dong 6889
Tichelaar, F.D. *see* Maes, J.W.H. 40435
Tichelaar, F.D. *see* Maes, J.W.H. 42422
Tichelen, P.van *see* van Tichelen, P.
Ticheng Zhao *see* Zhao Ticheng
Tichenor, D.A. *see* Descour, M.R. 14451
Tichenor, D.A. *see* Kania, D.R. 22664
Tichenor, D.A. *see* Nguyen, K.B. 32401
Tichy, R.F. *see* Grabner, P.J. 21079
Ticianelli, E.A. *see* Caires, M.I. 38964
Tick, P.A. *see* Bartholomew, R.F. 950
Ticknor, T., Lytel, R., Lipscomb, G.F. Single-mode 1×N solid state optical switches: packaging and applications 26894
Ticknor, T. *see* Horsthuis, W. 26453
Tickoo, A.K. *see* Kaul, S.K. 48466
Tidecks, R. *see* Seng, P. 43814
Tidestav, C. Designing equalizers based on explicit channel models of DS-CDMA systems 47532
Tidjani, A. *see* Mayaki, S. 18129
Tidmarsh, J.R. *see* McPhee, A.J. 43559
Tidmarsh, J.R. *see* McPhee, A.J. 50595
Tidrow, M.Z., Bacher, K. A three-well quantum well infrared photodetector 17349
Tidrow, M.Z., Chiang, J.C., Li, S.S., Bacher, K. A high strain two-stack two-color quantum well infrared photodetector 36567
Tidrow, M.Z., Choi, K.K., DeAnni, A.J., Chang, W.H. Multicolor quantum well infrared photodetectors and grating coupling effect 48524
Tidrow, M.Z. *see* Choi, K.K. 48661
Tidrow, M.Z. *see* Li, S.S. *(editor)* 30025
Tie Wei *see* Yin Zhiyu 47253
Tie Zhiling *see* Huangfu Lujiang 17707
Tie-Chen Zhang *see* Zhang Tie-Chen
Tie-Jun Chang, Jin-Yue Gao, Yao-Jun Qiao, Zhi-Ren Zheng Calculation and analysis for light amplification without inversion in a semiconductor quantum well 23982
Tiecke, H. *see* Bamberger, A. 7787
Tiecke, H. *see* Bamberger, A. 37358
Tiede, D.M. *see* Rajh, T. 32186
Tiede, R. *see* Krietenstein, B. 37143
Tiede, R. *see* Ratzinger, U. 37118
Tiedeu, A.B., Kom, M., Tricot, P. Simulation of a programmable pulser for phased array transducers 8020
Tiedje, H.F. *see* Ribes, A.C. 39045
Tiedje, T. *see* Beaudoin, M. 27962
Tiedje, T. *see* Cody, G. 50847
Tiedje, T. *see* Kanskar, M. 43997
Tiedje, T. *see* Kelson, I. 48897
Tiedje, T. *see* Morin, R. 23985
Tiedje, T. *see* Pacradouni, V. 3409
Tiedje, T. *see* Ritchie, S. 52680
Tiedtke, M. *see* Levesque, M. 55771
Tiee, J.J. *see* Quagliano, J.R. 60087
Tiefenauer, L. *see* Padeste, C. 48696
Tiefenbacher, S. *see* Matthaus, A. 54128
Tiefenbacher, S. *see* Tsirlina, T. 30767
Tiefenback, M. *see* Hovater, C. 49131
Tiehan Ma *see* Ma Tiehan
Tiehan Quan *see* Qifeng Yu 27893
Tiehua Piao, Chil Hoon Doh, Sung In Moon, Su-Moon Park Cathodic decomposition of propylene carbonate at graphite electrodes 61026
Tiejin Li *see* Li Tiejin
Tiejun Li *see* Li Tiejun
Tiejun Xia *see* Dogariu, A. 24224
Tiejun Yu *see* Yu Tiejun
Tiejun Zhang *see* Sharma, L.B. 33460
Tielert, R. *see* Bach, E. 1150
Tielert, R. *see* Reber, M. 1297
Tieman, B. *see* Zinkann, G.P. 49144
Tieman, T.C.B., Van Vliet, F.E., Van den Bogaart, F.L.M., Tauritz, J.L. A tuneable GaAs MMIC band stop filter at X-band with a novel active inductor 53658
Tiemann, E., Knoeckel, H., Bodermann, B. Molecular frequency standards: simple secondary representation or primary standard? 7140
Tiemann, J. *see* Hershey, J. 4469
Tiemblo, P. *see* Bozzo, R. 13286
Tiemblo, P. *see* Bozzo, R. 43536
Tiemblo, P. *see* Massines, F. 2981
Tiemeijer, L.F. High performance MQW laser amplifiers for transmission systems operating in the 1310 nm window at bitrates of 10 Gbit/s and beyond 16747
Tiemeijer, L.F., Kuindersma, P.I., Cuijpers, G.P.J.M., Thijs, P.J.A., von Dongen, T., Binsma, J.J.M., Jansen, E.J., Walczyk, S., Reid, J.J.E., Verboven, A.J.M. 102 km 38.6 dB budget 10 Gbit/s NRZ repeaterless transmission at 1310 nm using; a semiconductor booster amplifier module and a semiconductor preamplifier module 16748
Tiemeijer, L.F., van den Hoven, G.N., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. 1310-nm DBR-type MQW gain-clamped semiconductor optical amplifiers with AM-CATV-grade linearity 6720
Tiemeijer, L.F., van den Hoven, G.N., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J., Verboven, A.J.M. High-gain 1310-nm reflective semiconductor optical amplifiers with low-gain uncertainty 23911
Tiemeijer, L.F., Walczyk, S., Verboven, A.J.M., van den Hoven, G.N., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. High-gain 1310 nm semiconductor optical amplifier modules with a built-in amplified signal monitor for optical gain control 33543
Tiemessen, M., Wang, P., Oakey, P., Liu, L., Schauer, S., Bowen, C. Fluorine induced formation of intermetal dielectric defects 32251
Tiemin Zhao *see* Zhao Tiemin
Tiemsin, P.I. *see* Deshpande, M.D. 48832
Tien, A. *see* Wagner, R. 3803
Tien, A.-C. *see* Liu, X. 24316
Tien, H.T. *see* Ottova-Leitmannova, A. 7438
Tien, J. *see* Sun, M. 37612
Tien, N.C. *see* Daneman, M.J. 44052
Tien, P.L. *see* Hah, J.M. 57571
Tien, P.L. *see* Yuang, M.C. 26350
Tien, P.L. *see* Yuang, M.C. 47389
Tien Dapeng *see* Dapeng Tien
Tien Sheng Chao, Chih-Hsun Chu, Chuan Fu Wang, Kuai Junz Ho, Tan Fu Lei, Chung Len Lee Suppression of boron penetration in BF_2^+-implanted poly-Si gate 32391
Tien Sheng Chao *see* Juing-Yi Chang 54422
Tien Sheng Chao *see* Juing-Yi Cheng 42510
Tien Tzu-Li *see* Tzu-Li Tien
Tien-Chien Lee Mike *see* Mike Tien-Chien Lee
Tien-Ko Wang, Wei-Yang Mar, Tzung-Hua Ying, Chia-Lian Tseng, Chi-Hung Liao, Mei-Ya Wang HPGe detector efficiency calibration for extended cylinder and Marinelli-beaker sources using the ESOLAN program 28023
Tien-Sung Kuo *see* Ying-Yu Tzou 51101
Tien-Yu Tom Lee, Hause, V., Mahalingam, M. Liquid encapsulated MCM package–thermal demonstration 281
Tien-Yu Tom Lee, Herng-Der Chiou Thermal modeling of a double-neck large diameter crystal growth process 675
Tien-Yu Tom Lee, Mahalingam, M. Thermal limits of flip chip package–experimentally validated, CFD supported case studies 30203
Tiepermann, K.D. CDMA signals: A challenge for power amplifiers 26631
Tieqiao Li *see* Li Tieqiao
Tiequan Cai *see* Cai Tiequan
Tiequn Zhang *see* Zhang Tiequn
Tierala, I. *see* Simelius, K. 49701
Tiernan, F. Third generation mobile satellite communications 26520
Tiernan, M. *see* Ware, R.M. 30713
Tierney, B. *see* Johnston, W. 26194
Tiersma, H.J. Enhancing the security of El Gamal's signature scheme 45567
Tiersten, H.F. Similarities and differences in the analytical descriptions of the acceleration sensitivities of acoustic bulk and surface wave resonators 13401
Tiersten, H.F. *see* Yang, J.S. 13357
Tiesheng Li, Lozykowski, H.J., Reno, J. Photoluminescence and photo-current study of a CdTe/CdZnTe strained-layer coupled double quantum well structure 22360
Tiesheng Ling *see* Ling Tiesheng
Tiesong Zhao *see* Zhao Tiesong
Tiet Hue Chung, P. *see* Haviv, M. 39989
Tietavainen, A. *see* Honkala, I. 24755
Tietbohl, G. *see* Perry, M.D. 14509
Tietbohl, G. *see* Stuart, B.C. 44427
Tietun Sun *see* Sun Tietun
Tietz, H. *see* Daberkow, I. 36670
Tietze, R. *see* Wang, A.H. 11952
Tietze, R.C. *see* Tusting, R.F. 49998
Tietze, R.C. *see* White, D.G. 49978
Tietzel, K. *see* Lorenz, J. 12645
Tieu, A.K. *see* Li, E.B. 17355
Tieyong Zuo *see* Zuo Tieyong
Tiezzi, G. *see* Carrozza, M.C. 59377
Tigelaar, H. *see* Appel, A. 2814
Tigelis, I.G., Pedrozzi, M., Cottis, P.G., Vomvoridis, J.L. Calculation of eigenmodes in a nonperiodic corrugated waveguide 45290
Tiggelen, B.A.van *see* van Tiggelen, B.A.
Tighe, J.R., Bradley, S., Granados, J. Log-periodic antenna as a standard gain antenna 14739
Tighe, R. PEP-II RF feedback system simulation 49246
Tiginyanu, I.M., Irmer, G., Monecke, J., Vogt, A., Hartnagel, H.L. Porosity-induced modification of the phonon spectrum of n-GaAs 54080
Tiginyanu, I.M. *see* Anedda, A. 42013
Tiginyanu, I.M. *see* Miao, J. 32142
Tiginyanu, I.M. *see* Ursaki, V.V. 42418
Tigli, O., Chaudhry, G.M. Wrap-around type switch for ATM 47486
Tigner, M. *see* Hartung, W. 49248
Tigner, M. *see* Kurokawa, S. 17881
Tihao Chiang, Ya-Qin Zhang A new rate control scheme using quadratic rate distortion model 35198
Tihao Chiang, Ya-Qin Zhang A new rate control scheme using quadratic rate distortion model 57098
Tiihonen, P., Kinnunen, J. Serial transmission system using Manchester II coding applied to sleep laboratory telemetry 59694
Tiiliharju, E., Koli, K., Halonen, K. A low-power 3 V lowpass OTA-C filter for megahertz range 53402
Tiiliharju, E. *see* Koli, K. 47837
Tiira, T. Discrimination of nuclear explosions and earthquakes from teleseismic distances with a local network of short period seismic stations using artificial neural networks 18786
Tiit, E.-M., Kaarik, E. Generation and investigation of multivariate distributions having fixed discrete marginals 396
Tijburg, R.R.M. *see* Balkenende, A.R. 58938
Tijerina Araiza, A., Meza Medina, J.L. Variable structure with sliding mode controls for DC motors 9263
Tijero, J.M.G. *see* Calleja, E. 44213
Tijhuis, A.G. *see* Bretones, A.R. 34271
Tijhuis, A.G. *see* Pruiksma, J.P. 37016
Tik-Bin Oon, Steele, R., Ying Li Cancellation frame size for a quasi-single-bit detector in asynchronous CDMA channel 35464
Tikhodeev, N.N. Principal peculiarities of ceramic and composite insulators for overhead EHV/UHV power transmission lines: electrical characteristics, performance, reliability and application areas 38412
Tikhomirov, I. *see* Balagura, V. 37222
Tikhomirov, S.A. *see* Borisevich, N.A. 14047
Tikhomirov, S.A. *see* Goncharova, O.V. 44724
Tikhomirov, Yu.V. *see* Alekseev, V.A. 17014
Tikhonenko, V. *see* Christou, J. 4027
Tikhonov, A.N. *see* Tikhonravov, A.V. 3499
Tikhonov, D.S. *see* Bazulin, E.G. 52879
Tikhonov, V.G. *see* Kozlovskii, V.I. 44479
Tikhonov, Yu.A. *see* Aulchenko, V.M. 37243
Tikhonravov, A.V., Trubetskov, M.L., Tikhonov, A.N., Tcherednichenko, O.B., Lysoi, B.G., Mikhailova, K.V., Sullivan, B.T., Dobrowolski, J.A. Study of thin film inhomogeneity with a fast-scanning acoustooptic spectrophotometer 3499
Tikhonravov, A.V. *see* Bykov, A.A. 24521
Tikhonravov, A.V. *see* Popov, K.V. 55379
Tikhotskij, A. *see* Titkov, B. 15649
Tikkanen, P. *see* Jokinen, J. 42405
Tikkanen, P.E., Sellin, L.C., Kinnunen, H.O., Linnaluoto, M.K., Huikuri, H.V. A computer program to analyze the dynamics of QT interval from ambulatory electrocardiogram 49602
Tikuma, R. *see* Kutsuwa, T. 11863
Tikunov, V.S. *see* Glushko, E.V. 18923
Tilak, A. *see* Leupold, H.A. 3235
Tilak, A. *see* Leupold, H.A. 3909
Tilak, B.V. *see* Sarangapani, S. 11773
Tilborg, H.van *see* van Tilborg, H.
Tilbrook, I. *see* Zinkann, G.P. 49144
Tilden, R. *see* Amos, N. 37445
Tilg, B. *see* Wach, P. 49491
Tilghman, R.W., Ross, C.I., Mari, F., Hartmann, J.X. Parvalbumins as a biomarker for fish species identification: applications to snook (Centropomus undecimalis) preservation 50115
Tilke, A., Rocke, C., Wixforth, A. Frequency-dependent acousto-electric interaction in proximity-coupled piezoelectric-semiconductor hybrids 54173
Tillack, B. *see* Knoll, D. 2600
Tillack, B. *see* Ritter, G. 22781
Tillberg, I., Ronnberg, J., Svard, I., Ahlner, B. Audio-visual speechreading in a group of hearing aid users. The effects of onset age, handicap age, and degree of hearing loss 28436
Tilleman, M.M., Krishnaswami, K. Design of fiber optic relayed laser radar 16974
Tillerot, F., Auffret, R., Hui Bon Hoa, D., Delorme, F., Condom, M., Claveau, G. All optical synchronous burst and wavelength conversion routing access network 16760
Tillerot, F., Chawki, M.J., Tholey, V., Hoa, D.H.B., Dupont, H., Auffret, R. Use of WDM technique in SDH networks 26852
Tillery, J.K. *see* Wang, J.J.H. 34345
Tillett, N.D. *see* Marchant, A. 35285
Tillett, R.D., Onyango, C.M., Marchant, J.A. Using model-based image processing to track animal movements 56904
Tilley, F. *see* Wakamatsu, S. 45211
Tilley, K.J., Williams, D.J. An overview of the Chinese electronics industry 20827
Tillghman, A. *see* Ruth, R.D. 49165
Tilli, M. *see* Rantamaeki, R. 52601
Tilloles, P. *see* Cuillandre, J.-C. 48679
Tilquin, J.Y., Cote, R., Guay, D., Dodelet, J.P., Denes, G. Carbon monoxide poisoning of platinum-graphite catalysts for polymer electrolyte fuel cells: comparison between platinum-supported on graphite and intercalated in graphite 20003
Tilsch, M., Scheuer, V., Biersack, J., Tschudi, T. 3D simulation of thin film growth conditions at ion beam sputter deposition and comparison to experimental investigations 889
Tilson, D.A. *see* Woolf, C.D. 27141
Tilton, J.C., Short, N.M., Jr., Cromp, R.F., Manohar, M. Information management, image analysis and image compression research in support of NASA's mission to planet Earth 57068

Tilton, M.L. *see* Gallant, D.J. 33540
Tilton, M.L. *see* Wright, M.W. 44435
Timans, P.J. The role of thermal radiative properties of semiconductor wafers in rapid thermal processing 22485
Timbrell, P.Y., Lamb, R.N., Comelli, G. Deposition and characterization of thin polyimide films 40686
Timchenko, A. *see* Masalov, S. 45022
Timchenko, B.A. *see* Bagayev, S.N. 21936
Timchenko, B.A. *see* Bagayev, S.N. 27376
Timchenko, L.I. *see* Grudin, M.A. 46036
Timchenko, L.I. *see* Grudin, M.A. 46388
Timkin, V. *see* Vylov, T. 7833
Timko, A.G. *see* Nalamasu, O. 42826
Timko, A.G. *see* Yoshino, H. 42831
Timko, J., Haluskova, M., Haluska, J. Variable structure position control in parallel structure 60645
Timko, R.E., Woody, C.E., Ladner, R.D., Riley, R.E. Near-real-time ocean color measurements from fixed platforms 50191
Timlin, H. *see* Leonard, G. 17499
Timm, K. *see* Kruger, K. 51847
Timm, K.J. *see* Jacobs, M.E. 51297
Timm, M. *see* Drevlak, M. 37023
Timmerman, M. The right bus in the right place–a tutorial. I 16338
Timmerman, M. The right bus in the right place–a tutorial. II 47010
Timmerman, P. *see* Ratnakumar, B.V. 18718
Timmermanis, K. *see* Rozenkrons, J. 38671
Timmermans, C.J. *see* De Leeuw, R.W. 37015
Timmermans, J.C.M. *see* Hofmann, T. 13933
Timmermans, W.S. *see* Theuws, W.H.C. 37110
Timmoneri, L. *see* Bollini, P. 6874
Timmons, J.B., Koss, E.F. Operational testing of valve regulated lead acid batteries in commercial aircraft 60995
Timmons, M.L. *see* Sharps, P.R. 37978
Timmons, M.L. *see* Venkatasubramanian, R. 38973
Timmons, M.L. *see* Yeh, Y.C.M. 37982
Timms, E. *see* Swanson, D.W. 59877
Timms, V.G. *see* Lippert, J.R. 28511
Timofeev, E.Yu. *see* Vyshlov, V.A. 7181
Timofeev, E.Yu. *see* Vyshlov, V.A. 27411
Timofeev, F.N., Bayvel, P., Churin, E.G., Smirnitskii, V.B., Tsaturian, V.V., Midwinter, J.E. Free-space grating multi/demultiplexer and wavelength-router for densely spaced WDM networks 58338
Timofeev, F.N., Bayvel, P., Mikhailov, V., Gambini, P., Midwinter, J.E., Lavrova, O.A., Wyatt, R., Kashyap, R., Robertson, M., Campbell, R.J. 2.5 Gbit/s directly-modulated fibre grating laser for optical networks 48022
Timofeev, F.N., Bayvel, P., Reekie, L., Tucknott, J., Midwinter, J.E., Payne, D.N. Spectral characteristics of a reduced cavity single-mode semiconductor fibre grating laser for applications in dense WDM systems 16767
Timofeev, F.N. *see* Stavdas, A. 26750
Timofeev, G.S. *see* Zhodzishskii, I. 49877
Timofeyev, A.I. *see* Poplavko, Y.M. 58744
Timoshenko, V.Yu. *see* Rappich, J. 42346
Timoshenkov, V. *see* Bushehri, E. 22930
Timp, G. *see* Behringer, R.E. 54556
Timpe, G. *see* Macesker, B. 38096
Timpe, R.C., Kulas, R.W., Hauserman, W.B., Sharma, R.K., Olson, E.S., Willson, W.G. Catalytic gasification of coal for the production of fuel cell feedstock 60472
Timperley, J.E. Detecting motor stator defects with online EMI analysis 60687
Tin, C.C., Song, Y., Isaacs-Smith, T., Madangarli, V., Sudarshan, T.S. Metalorganic chemical vapor deposition-grown AlN on 6H-SiC for metal-insulator-semiconductor device applications 54304
Tin Huu Bui *see* Bui Tin Huu
Tin Kam Ho, Kleinberg, E.M. Building projectable classifiers of arbitrary complexity 4912
Tin Qian, See-Mong Tan, Campbell, R. An integrated architecture for open distributed multimedia computing 6196
Tin Wee Tan *see* Tan Tin Wee
Tin Yun-Ting *see* Yun-Ting Tin
Tin-Chak-Johnson Pang, Chiu-Sing Choy, Cheong-Fat Chan, Wai-Kuen Cham Self-timed Booth's multiplier 53152
Tin-Su Pan *see* Dershan Luo 28231
Tind, J. *see* Ben-Tal, A. 10270
Tindall, C.E. *see* Bryson, G.M. 19705
Tindall, C.E. *see* Martin, J.P. 19724
Tindall, C.E. *see* O'Hara, D.A. 19725
Tindall, T. *see* Allen, C.R. 48216
Tindle, J. *see* Wong, K.C.P. 19424
Tindle, J. *see* Wong, K.C.P. 38242
Tindle, J. *see* Wong, K.C.P. 50657
Tine-Biao Chen *see* Chen Tine-Biao
Tiner, P. *see* Pas, M.F. 42446
Tiner, P.A. *see* Hattangady, S.V. 42554
Ting, A. *see* Esarey, E. 17912
Ting, C.H. *see* Dubin, V.M. 42751
Ting, C.H. *see* Dubin, V.M. 52739
Ting, C.S. *see* Gu, Y.M. 22388
Ting, D.Z.-Y., McGill, T.C. Interface roughness effects on transport in tunnel structures 54716
Ting, J.W., Rubins, D.J., Huang, D.-J., Erskine, J.L. A high current pulse generator for magnetizing thin magnetic films 1189
Ting, L.M., Hong, Q.-Z. Electromigration characterization for multilevel metallizations using textured AlCu 54501
Ting, R.Y. Sensor and actuator applications of piezocomposite materials in large smart structures 13366
Ting, R.Y., Howarth, T.R., Gentilman, R.L. Underwater evaluation of piezocomposite panels as active surfaces 13342
Ting Chan, T.V.Chow *see* Chow Ting Chan, T.V.
Ting Chen Heart motion classification using fuzzy neural networks 57543
Ting Chen *see* Chen Ting
Ting Kuo, Shu-Yuen Hwang Why DGAs work well on GA-hard functions? 471
Ting Lei *see* Evans, K.R. 30842
Ting Lei *see* Jones, C.R. 21263
Ting Li *see* Suning Tanp 55345
Ting Nung Shiau, Chun Pao Kuo, Jiunn Rong Hwang Multi-objective optimization of a flexible rotor in magnetic bearings with critical speeds and control current constraints 50879
Ting Pei-Yih *see* Pei-Yih Ting
Ting Sang Feng *see* Sang Feng Ting
Ting Su *see* Su Ting
Ting Wang *see* Yao Li 13585
Ting Wang *see* Yao Li 13763
Ting Yuan Tzu *see* Yuan Tzu Ting
Ting Yuan-Tzu *see* Yuan-Tzu Ting
Ting Zhang *see* Zhang Ting
Ting Zhou *see* Xuyun Chen 57479
Ting Zhou *see* Zhou Ting
Ting-Ao Tang *see* Tang Ting-Ao
Ting-Chang Chang *see* Yu-Jane Mei 42681
Ting-Chang Chang *see* Yu-Jane Mei 42683
Ting-Chi Wang *see* Yachyang Sun 41057
Ting-Chuen Pong *see* Hoi-Man Yip 5115
Ting-Ji Wang, Xiao-Dong Liu, Qin-Bing Guan Humidity response of titania ceramics 48417
Ting-Kai Hwang *see* Jiun Shiu 30152
Ting-Ting Lin *see* Chung, J.W. 21780
Ting-Yang Chen, Mao He, Nai-Jian Zhang, Xue-Yao Zhang A fast Time-of-Flight detector also used as a tracker 18081
Tinga, W.R. *see* Young, T. 6726
Tingdi Liao, Sheard, S., Guoguang Yang Demonstration of guided-wave optical fan-out using waveguide diffractive optical system 55926
Tingdi Liao, Sheard, S., Ming Li, Jianguo Zhu, Prewett, P. High efficiency focusing waveguide grating coupler with parallelogramic groove profiles 44030
Tingkai Li, Zawadzki, P., Stall, R.A. $Ba_xSr_{1-x}TiO_3$ thin films made by Turbodisc™ PE-MOCVD techniques 31265
Tingkai Li *see* Yongfei Zhu 52781
Tingkai Qin, Yashi Wang, Shaohua Li A narrow-band waveguide to microstrip transition in Ka band 53524
TingTing Hwang *see* Kuo-Hua Wang 52991
Tingwei Guo, Tingying Zhu Experimental research on the enhancement of boiling heat transfer of liquid helium in narrow channel 43856
Tingxian Zhou *see* Zhou Tingxian
Tingying Zhu *see* Tingwei Guo 43856
Tinham, B. Wizards wheel over SCADA systems 17231
Tinker, E. *see* Jabri, M. 49370
Tinker, L.A. *see* Golovin, M.N. 61052
Tinker, M.H. *see* Cole, J.A. 49537
Tinkham, M. *see* Johnson, K.S. 2484
Tinklenberg, J.R. *see* Ford, J.M. 18412
Tinney, M.D. An integrated protection and control system for a warship's electric plant 29802
Tinoco, T., Polian, A., Gomez, D., Itie, J.P. Structural studies of $CuInS_2$ and $CuInSe_2$ under high pressure 22290
Tinone, M.C.K. *see* Haga, T. 32311
Tinschert, K. *see* Spadtke, P. 37204
Tinyang Liu *see* Carothers, J.D. 12055
Tinyue Wang *see* Wang Tinyue
Tiong, K.K. *see* Chung, S.Y. 12278
Tiong Jiu Ding *see* Chiu, C. 1449
Tiphene, D. *see* Cesarsky, C.J. 36548
Tipiccione, R. *see* Marchesini, R. 59447
Tippawan, U. *see* Singkarat, S. 37454
Tippmann, M., Bockenkruger, R., Osterburg, H., Kirchner, M. Completion of the first field trial with XLPE-insulated 380 kV cable 38367
Tippur, H.V. *see* Xu, L. 325
Tipton, A.I., Passerini, S., Owens, B.B., Smyrl, W.H. Performance of lithium/V_2O_5 xerogel coin cells 19953
Tipton, A.R. *see* Corleto, C.R. 20658
Tipton, D.E. *see* Kogan, V.I. 19914
Tipton, P. *see* Antos, J. 37373
Tipton, T.E., Ng, R.N., Walters, D.J. License renewal industry perspective and status of activities [nuclear plants] 38573
Tirado, J.L. *see* Cochez, M.A. 29538
Tirat, O.F.J., Euverte, J.-M.F.M. Finite element model of thermal transient effect in fiber optic gyro 36591
Tiribilli, B. *see* Hoffer, L.M. 15969
Tirkas, P.A. *see* Katsibas, K.D. 34314
Tirkel, A.Z., Osborne, C.F. Beamforming for broadband imaging FMCW radar 48103
Tirocchi, M. *see* Bellotti, R. 37270
Tironi, E. *see* Berizzi, A. 8806
Tironi, E. *see* Lamedica, R. 38344
Tironi, E. *see* Manigrasso, R. 51785
Tironi, E. *see* Superti Furga, G. 50333
Tirrell, M. *see* Zazzera, L.A. 23047
Tirri, T. *see* Hallikainen, M. 8400
Tirri, T. *see* Hallikainen, M. 18877
Tirumala, A.S., Bibikar, V.J. The direct-mapped instruction cache for ColdFire microprocessors 1462
Tisch, J.W.G. *see* Ditmire, T. 14274
Tischendorf, C. *see* Marz, R. 40767
Tischenko, D.A. *see* Pirogov, Yu.A. 17291
Tischenko, V.A. *see* Grigoriev, Yu.G. 37914
Tischer, H. *see* Muller, J.-E. 41493
Tischler, J.G. *see* Jiang, Z.X. 22224
Tischler, M.A. *see* Jutong Liu 10679
Tischler, M.A. *see* Liu Jutong 40456
Tischler, M.A. *see* Loeber, D.A.S. 14178
Tischler, M.A. *see* Redwing, J.M. 21271
Tischler, M.A. *see* Safvi, S.A. 10792
Tishchenko, A.V. *see* Sychugov, V.A. 13676
Tishchenko, A.V. *see* Sychugov, V.A. 44031
Tishin, G.V. *see* Los', S.V. 18135
Tishinin, D. *see* Uppal, K. 31968
Tishinin, D. *see* Zhu, D.X. 55896
Tishkov, V.S. *see* Nylandsted, L.A. 32109
Tishkovskaya, L.V. *see* Vasilyev, V.V. 36550
Tishkovskii, E.G. *see* Myasnikov, A.M. 54015
Tisler, A. *see* Yi Lu 355
Tison, C. *see* Bruneel, H. 46707
Tison, S.A. Accurate flow measurement in vacuum processing 2761
Tisseau, J. *see* Rodin, V. 59545
Tisserand, E. *see* Mozef, E. 25569
Tissoni, G. *see* Martin-Regalado, J. 14101
Tissot, R.G. *see* Rodriguez, M.A. 54948
Tissue, B.M., Eilers, H. Synthesis and characterization of metal-oxide nanocrystals prepared by CO_2-laser-heated vaporization/condensation 13828
Tistarelli, M. Multiple constraints to compute optical flow 15957
Tit, N., Peressi, M. Ab-initio electronic structure calculation of the InAs multiple quantum wells in bulk GaAs 2189
Titchener, M.R. The synchronization of variable-length codes 34600
Titcomb, C. *see* Barranco-Luque, M. 49012
Titi, G.W., Marshall, D.F. The ARPA/NAVY Mountaintop Program: adaptive signal processing for airborne early warning radar 19007
Titkov, B., Tikhotskij, A., Myboroda, A., Buley, H. Structure-based fractal image coding 15649
Title, A.M. *see* Schrijver, C.J. 35224
Titlebaum, E.L. *see* Hahm, M.D. 1617
Titlebaum, E.L. *see* Mitrovski, Z.I. 25205
Titmuss, R., Crabtree, I.B., Winter, C.S. Agents, mobility and multimedia information 6342
Titmuss, R., Crabtree, I.B., Winter, C.S. Agents, mobility and multimedia information 47321
Titomir, L.I., Blatov, I.V., Trunov, V.G., Aidu, E.A.I., Barinova, N.E. Telemetering equipment and optimal lead system for electrocardiographic mapping 49699
Titomir, L.I., Trunov, V.G., Poljakova, I.P. Pictorial representation of local events in the heart on the basis of noninvasive spherical-quasiepicardium potential mapping 59680
Titomir, L.I. *see* Ivanov, G.G. 59651
Titov, A., Malinovsky, I., Erin, M. Determination of saturation parameter in iodine and precise molecular linewidth measurements in He-Ne/I_2 standard at 633 run 44686
Titov, A., Malinovsky, I., Erin, M. Asymmetry studies of iodine resonances and realization of unperturbed molecular transition in a laser standard at 633 nm 58607
Titov, A., Malinovsky, I., Erin, M., Araz, I. Asymmetry of resonances in iodine and unperturbed molecular transition realized by He-Ne/I_2 laser at 633 nm 13973
Titov, A., Malinovsky, I., Erin, M., Araz, I. Determination of saturation parameter in iodine and precise molecular linewidth study based on frequency measurements of He-Ne/I_2 standard at 633 nm 13974
Titov, A., Rudnitsky, A., Protsko, S., Khapalyuk, A. Electromagnetic waves propagation in angular mirror-symmetrical structures 45031
Titov, A. *see* Sabchevski, S. 37162
Titov, A.I., Abroian, I.A., Belyakov, V.S., Nikulina, L.M., Fadeev, A.B. Interaction of vacancies with the amorphous layer-single crystal interface 54332
Titov, K.A. *see* Elistratov, N.G. 23215
Titov, O.Yu. *see* Gurevich, Yu.G. 31740
Titov, V.M. *see* Aulchenko, V.M. 37214
Titova, V.A. *see* Starodubov, D.S. 55834
Titovitskii, I.A. *see* Kuhharchik, P.D. 44780
Tittel, E. Back to basics: SNA 6204
Tittel, F.K. *see* Erdelyi, M. 2504
Tittel, F.K. *see* Erdelyi, M. 42848
Tittel, F.K. *see* Farkas, Gy. 4020
Tittel, F.K. *see* Petrov, K.P. 18944
Tittel, F.K. *see* Sengupta, C. 2513
Tittel, F.K. *see* Shao-Pow Lin 37657
Tittel, W. *see* Muller, A. 34546
Tittel, W. *see* Zbinden, H. 45623
Tittelbach, G. *see* Guyenot, V. 10150
Titterton, P. *see* McGarry, J.F. 36265
Titterton, P.J., Jr. *see* Olkin, J.A. 15326
Titus, J. *see* Nichols, D.K. 43107

Titus, J.L., Wheatley, C.F., Allenspach, M., Schrimpf, R.D., Burton, D.I., Brews, J.R., Galloway, K.F., Pease, R.L. Influence of ion beam energy on SEGR failure thresholds of vertical power MOSFETs 22868
Titus, J.L. *see* Allenspach, M. 8240
Titus, J.L. *see* Allenspach, M. 22866
Titus, J.L. *see* Johnson, G.H. 22867
Titus, J.L. *see* Wheatley, C.F. 22869
Titus, J.L. *see* Witczak, S.C. 22842
Titus, S.R., Hero, A.O., III, Fessler, J.A. Improved penalized likelihood reconstruction of anatomically correlated emission data 59523
Titze, I.R. *see* Story, B.H. 15021
Titze, O. *see* Dobert, S. 37145
Tiunov, M.A. *see* Badura, E. 37241
Tiunov, V.F. *see* Korzumin, G.S. 48844
Tiwald, W. *see* Schneider, H.-J. 47701
Tiwari, A. *see* Zadgaonkar, A.S. 4590
Tiwari, A.K. *see* Rastogi, A.K. 56101
Tiwari, A.K. *see* Shrivastava, S.C. 34318
Tiwari, P., Viscito, E. A parallel MPEG-2 video encoder with look-ahead rate control 25583
Tiwari, P. *see* Linzer, E. 25371
Tiwari, T. *see* Tiwari, V.N. 56161
Tiwari, T. *see* Tiwari, V.N. 56162
Tiwari, V., Donnelly, R., Malik, S., Gonzalez, R. Dynamic power management for microprocessors: a case study 53325
Tiwari, V., Malik, S., Ashar, P. Guarded evaluation: pushing power management to logic synthesis/design 21614
Tiwari, V. *see* Mike Tien-Chien Lee 31327
Tiwari, V.N., Tiwari, T., Singh, S.P., Jha, R.K. Near field distribution of solid dielectric diagonal horn antennas 56161
Tiwari, V.N., Tiwari, T., Singh, S.P., Jha, R.K. Far field patterns of solid dielectric diagonal horn antennas 56162
Tixier, A., Senez, V., Baccus, B., Marmiroli, A. Implementation of nitride oxidation in the 2D process simulator IMPACT-4 12740
Tiyun Guo *see* Guo Tiyun
Tizhi Huang, Wagner, K. Holographic storage capacity in multiple-exposure dye-polymer films with saturation 24263
Tiziani, H. *see* Maestle, R. 55782
Tiziani, H. *see* Schilling, U. 17331
Tiziani, H.J., Chen, J.H. Shack-Hartmann sensor for fast infrared wave-front testing 48561
Tiziani, H.J. *see* Gartner, H. 36647
Tiziani, H.J. *see* Hembd-Sollner, C. 3570
Tiziani, H.J. *see* Lehle, P. 34986
Tiziani, H.J. *see* Pedrini, G. 4114
Tiziani, H.J. *see* Pedrini, G. 33748
Tizien, P.G. *see* Plana, R. 53566
Tjabben, H. *see* Abramowski, S. 26370
Tjahjadi, T. *see* Kung-Hao Liang 57196
Tjarnhage, T. *see* Puu, G. 27691
Tjeng Thiang Tjhung *see* Chew, Y.H. 33209
Tjhie, D.D., Rzehak, H. Design and performance evaluation of network interconnection architectures 57824
Tjhung, T.T., Dong, X., Chai, C.C., Tan, S.H. On error probability evaluation for MDPSK in fast Rician fading 45520
Tjhung Tjeng Thiang *see* Tjeng Thiang Tjhung
Tjin Swee Chuan *see* Swee Chuan Tjin
Tjoelker, R.L., Bricker, C., Diener, W., Hamell, R.L., Kirk, A., Kuhnle, P., Maleki, L., Prestage, J.D., Santiago, D., Seidel, D., Stowers, D.A., Sydnor, R.L., Tucker, T. A mercury ion frequency standard engineering prototype for the NASA deep space network 27324
Tjoelker, R.L., Prestage, J.D., Maleki, L. Record frequency stability with mercury in a linear ion trap 48293
Tjoelker, R.L. *see* Young, L.E. 26663
Tjokrodiponto, W. *see* Sebo, S.A. 32736
Tjonneland, K. *see* Zhi Chao Tao 34324
Tjuatja, S., Fung, A.K., Comiso, J.C. Scattering and emission from dry snow in the range 35-140 GHz 18880
Tjuatja, S. *see* Li, Z. 8395
Tjuatja, S. *see* Majeed, M. 4251
Tjulander, R. *see* Romaine, S.E. 28538
Tkach, R.W. *see* Horowitz, M. 26712
Tkach, R.W. *see* Sun, Y. 36127
Tkach, Yu.V. *see* Demyanov, S.E. 49942
Tkachenko, A.D. *see* Burnus, M. 17377
Tkachenko, B.G. *see* Swallom, D.W. 20053
Tkachenko, N.N. 1/f noise transformation that accompanies the trimming of polycrystalline silicon layers 12199
Tkachenko, N.N., Kolomoets, G.P., Stroiteleva, N.I. Investigation of the low-frequency electrical noise in grain boundaries and polycrystalline silicon films 12200
Tkachenko, O.A., Baksheyev, D.G., Tkachenko, V.A. Resonant reflection, cooling, and quasitrapping of ballistic electrons by dynamic potential barriers 22308
Tkachenko, O.A., Baksheyev, D.G., Tkachenko, V.A. Terahertz-field-induced recovery of resonant electron transparency of semiconductor superlattices in electric field 31980
Tkachenko, O.A. *see* Panaev, I.A. 12279
Tkachenko, T.L. *see* Gilman, M.A. 28646
Tkachenko, V. Decomposition peculiarities at the modeling microwave devices with discrete spatial spectra 45314
Tkachenko, V. *see* Kirilenko, A. 41409
Tkachenko, V.A. *see* Panaev, I.A. 12279
Tkachenko, V.A. *see* Tkachenko, O.A. 22308
Tkachenko, V.A. *see* Tkachenko, O.A. 31980
Tkachenko, V.M. *see* Gurin, O.V. 44335
Tkachev, L.G., Batov, N.G., Lebedev, A.V., Shinkarev, V.F. Wave processes in technological units with electron-arc heating 9727
Tkachman, I. *see* Makhrovskiy, O. 35797
Tkachov, I. *see* Afsar, M.N. 34483
Tkacik, K. *see* Foos, J.S. 28080
Tkaczyk, S. *see* Antos, J. 37373
Tkaczyk, T., Mroziewicz, B. Semiconductor corrugated surface structures produced using interference method 22575
Tkantchenko, P.A., Kapuro, A.P., Romanov, E.B. Circuit modeling for the luminance and chrominance signal separation 58549
Tkatchenko, A. *see* Tanaka, H. 17907
Tkhorik, V.A. *see* Blonskii, I.V. 54017
Tkhoryk, V.A. *see* Blonskij, I.V. 41859
Tkotz, R. *see* Frank, K. 22142
Tkotz, R. *see* Frank, K. 28948
Tkotz, R. *see* Hintz, G. 13938
Tkotz, R. *see* Prucker, U. 28951
Tlaczala, M. *see* Paszkiewicz, B. 3645
Tnani, S., Berthon, A. Study and realisation of a three-phase harmonic generator for research and university laboratories 53064
Tnani, S., Diop, S., Berthon, A., Kauffmann, J.M. A generalised model for double-fed induction machines 38738
Tnani, S., Diop, S., Jones, S.R., Berthon, A. Novel control strategy of double-fed induction machines 51006
Tnrailkill, B. *see* McMillian, G. 31309
To, T.-P.J., Hamidzadeh, B. Using run-time information for performance optimization in an interactive VOD server 47348
To Hing-yan *see* Hing-yan To
To-Yat Cheung *see* Huiwei Guan 47390
Toal, E. *see* Puyane, R. 928
Toan, T.Le *see* Le Toan, T.
Toba, E. *see* Ishizawa, H. 48998
Toba, H. *see* Oda, K. 16723
Toba, H. *see* Oda, K. 47903
Toba, K. *see* Baranov, A.V. 24138
Toba, Y. *see* Muramatsu, R. 27129
Tobagi, F.A. *see* Basso, A. 15634
Tobana, T., Kami, Y. Measurement of magnetic near field on a printed circuit board of finite size and a simple estimation method of far fields 11847
Tobar, C.M., Ricarte, I.L.M. Multiware Database: a distributed object database system for multimedia support 6309
Tobar, M.E., Ivanov, E.N., Oi, D.K.L., Cuthbertson, B.D., Blair, D.G. Sapphire test-masses for measuring the standard quantum limit and achieving quantum non-demolition 50242
Tobar, M.E., Krupka, J., Ivanov, E.N., Woode, R.A. Dielectric frequency-temperature compensation of high quality sapphire dielectric resonators 11668
Tobar, M.E. *see* Ivanov, E.N. 17759
Tobar, M.E. *see* Ivanov, E.N. 36857
Tobar, M.E. *see* Woode, R.A. 36859
Tobari, T., Kobayashi, H., Uchida, K., Matsura, H., Yamanaka, M., Kobayashi, S., Fujita, T., Miura, A. Track/hold circuit in GaAs HBT process 41274
Tobaru, S., Ali, F.E.A.F., Nakao, Z., Chen, Y.-W., Tengan, T. CT image reconstruction by back-propagation 57431
Tobazcon, R. *see* Dascalescu, L. 33804
Tobazeon, R. Charges and discharges of conducting particles in a plane oil gap subjected to a dc voltage 23243
Tobazeon, R. *see* Diabi, R. 23248
Tobazeon, R. *see* Filippini, J.C. 13283
Tobazeon, R. *see* Lesaint, O. 23236
Tobazeon, R. *see* Saker, A. 19791
Tobben, D. *see* Holzmann, M. 2111
Tobben, H., Ringel, G., Kratz, F., Schmitt, D.-R. The use of Power Spectral Density (PSD) to specify optical surfaces 7572
Tobben, H. *see* Kratz, F. 7574
Tobin, E. *see* Karimy, H. 10889
Tobin, J.G. *see* Waddill, G.D. 55019
Tobin, K.W. *see* Gleason, S.S. 57482
Tobin, M. Real time simultaneous SAR/GMTI in a tactical airborne environment 19023
Tobin, M.E., Greenspan, M. Smuggling interdiction using an adaptation of the AN/APG-76 multimode radar 19020
Tobin, P.J. *see* Gelatos, A.V. 54511
Tobin, P.J. *see* Hegde, R.I. 2348
Tobin, P.J. *see* Hegde, R.I. 52768
Tobin, P.J. *see* Hegde, R.I. 54379
Tobin, S.P. *see* Meyer, J.R. 7562
Tobin, W.H. *see* Piccone, D.E. 31095
Tobioka, M. *see* Hirose, Y. 53520
Tobise, D., Miyagi, M. Fabrication of optical polarizer with large aperture made of diluted metal-implanted anodized alumina film 23628
Tobise, M., Onda, K., Sugiyama, S., Yamashina, M. Inverter-fed AC drive systems for steel rolling mills 61366
Tobishima, S., Hayashi, K., Saito, K., Nemoto, Y., Yamaki, J. Performance of lithium/amorphous V_2O_5-P_2O_5 cells with different electrolytes 61043
Tobishima, S.I. *see* Shodai, T. 29581
Tobita, M. *see* Kataoka, T. 51355
Tobiyama, M., Kikutani, E. KEKB bunch feedback systems 49249
Tobolka, G. *see* Berger, M. 58369
Toca-McDowell, E. *see* Chen, J.C. 20611
Toccafondi, A., Romani, B., Mizzoni, R., Maci, M.S., Tiberio, R. Spherical wave blockage in reflector antennas 56178
Toccafondi, A. *see* Tiberio, R. 33976
Tochigi, M., Yoshida, N., Oida, T., Tsuru, T. Analysis methods of circuit elements buried in ceramic multilayer substrate 11685
Tochihara, H. *see* Hasegawa, T. 12142
Tochihara, I. *see* Tabuchi, J. 38947
Tochihara, K. *see* Hino, T. 27146
Tochinai, K. *see* Honglan Jin 56551
Tochinai, K. *see* Islam, R. 56379
Tochinai, K. *see* Li, Y. 31449
Tochinai, K. *see* Miyanaga, Y. 4631
Tochinai, K. *see* Miyanaga, Y. 46487
Tochinai, K. *see* Miyanaga, Y. 57066
Tochinai, K. *see* Nakagaki, A. 45858
Tochinai, K. *see* Sawamura, S. 34817
Tochinai, K. *see* Shimizu, J. 15265
Tochitsky, E.I. *see* Dluzniewski, M. 22326
Tochitsky, S.Ya., Petukhov, V.O., Gorobets, V.A., Churakov, V.V., Jakimovich, V.N. Efficient continuous-wave frequency doubling of a tunable CO_2 laser in $AgGaSe_2$ 55830
Tochtrop, T. Integrated measurement and analysis concept at SMST, a defect management system 30170
Tocino, I. *see* Hussman, K.L. 37648
Tocnaye, J.L.de Bougrenet de la *see* de Bougrenet de la Tocnaye, J.L.
Toczyski, W.D., Papanikolopoulos, N.P. An alternative differential gradient edge contrast operator suitable for use within high speed pyramid-based imaging systems 15751
Toda, A., Nakamura, F., Yanashima, K., Ishibashi, A. Blue-green laser diode grown by photo-assisted MOCVD 40464
Toda, F. *see* Honda, T. 29749
Toda, H., Shiozaki, T., Maeda, Y., Hasegawa, A. Reduction of dispersive waves by chirping compensation in an optical soliton source with an electroabsorption modulator 55313
Toda, K., Abdul-Gader, M.M., Okada, M. Impedance analysis of the AC behaviour of a Au/Pb_2CrO_5/SnO_2 thin-film device 54306
Toda, K., Ochi, K., Sanemasa, I. NO-sensing properties of Au thin film 7473
Toda, K. *see* Inoue, T. 9300
Toda, K. *see* Kaewkamnerd, N. 43599
Toda, M., Kato, M., Kubo, K., Ojima, S., Ohmi, T. Radical activation of DI water and cleaning solution by megasonic 42459
Toda, M. *see* Kubo, K. 42460
Toda, S. *see* Nakazawa, Y. 29790
Toda, T. *see* Miyamoto, H. 3183
Toda, T. *see* Watanabe, H. 9436
Toda, Y. *see* Arakawa, Y. 54237
Todaka, T. *see* Enokizono, M. 21997
Todaka, T. *see* Enokizono, M. 40710
Todaka, T. *see* Harada, K. 1120
Todaka, T. *see* Hosotani, T. 53013
Todaka, T. *see* Kitamura, H. 29340
Todaka, T. *see* Maeda, H. 32805
Todaka, T. *see* Yoshitake, A. 51434
Todd, A.M.M., Paulson, C.C., Peacock, M.A., Reusch, M.F. A beamline systems model for accelerator-driven transmutation technology (ADTT) facilities 7715
Todd, E.D. South Florida Test Facility underwater tracking system development 48140
Todd, J.R. Fly-by-light flight control system development for transport aircraft 59906
Todd, J.R. Fly-by-light flight control system development for transport aircraft 59942
Todd, K.L. A pre-sessional mathematics course 52047
Todd, M.A. *see* Watton, R. 36658
Todd, M.G., Capote, M.A., Gandhi, P. Fine line additive technology for high density printed wiring boards 53782
Todd, R.H., Yamada, T. The quest for relevance: roles of academia and industry in Japan and the U.S 20715
Todd, R.H. *see* Romney, T. 22046
Todd, T.D. *see* Ahmadvand, N. 47201
Todd, T.W. Conductive adhesive bonding and repair of fine-pitch TAB on glass 12007
Tode, H., Ojiri, K., Yamamoto, M., Okada, T., Ikeda, H. A routing method using cost function tunable for required communication qualities and its performance 35810
Tode, H., Sakai, Y., Yamamoto, M., Okada, H. Multicast routing schemes in ATM 16040
Tode, H. *see* Youngbok Choi 47500
Tode, K., Okada, H., Ikeda, H. Effect of incorporating multicast traffic under the heterogeneous load condition in the output buffer-type asynchronous transfer mode switch 46560
Todokoro, N. *see* Kajiwara, Y. 4934

Todoroff, J.A. Reduction of shorts between polysilicon word lines on a 4 Meg DRAM product 41136
Todoroki, S., Sakaguchi, S. Effect of F-doping on optical and thermal properties of soda magnesium silicate glasses for ultralow-loss fibers 3312
Todorov, M.I. Kuratowski convergence of the efficient sets in the parametric linear vector semi-infinite optimization 479
Todorov, V. *see* Loewenhardt, P.K. 54478
Todorovic, B.M. Code acquisition scheme for frequency hopping radio in channels with fading 35903
Todorovic, D.M. *see* Nikolic, P.M. 54130
Todosow, M. *see* Russell, G.J. 18062
Todros, T. *see* Guiot, C. 49571
Toepffer, C., Seurer, M., Spreiter, Q. Molecular dynamics simulations of strongly coupled particle beams 59126
Toeroek, P. *see* Sheppard, C.J.R. 56014
Tofanelli, A., Caviglia, F., Mistry, R.D., Savill, P., Koch, G., Jones, K.P., Hasegawa, S., Sasaki, S., Munder, A., Schroeder, T., Henry, F., Harris, I., Dabbene, A., Ribeyrol, A., Waldhauser, R. Full services access networks: operations, administration and maintenance 26393
Tofanelli, A. *see* Mistry, R. 47436
Tofani, A., Bechini, M., Del Corona, A., Del Tredici, S. Assessment of uniformity of clinical electron beams 37872
Tofani, A. *see* Bechini, M. 8191
Toferski, J.J. *see* Wang, K.C. 882
Toffano, Z. *see* Bozorgui, S. 55704
Toffano, Z. *see* Bozorgui, S. 55705
Toffels, A., Roska, T., Chua, L.O. An object-oriented approach to video coding via the CNN Universal Machine 35083
Toffoli, T., Quick, J. Three-dimensional rotations by three shears 57148
Toft, J. *see* Leonard, G. 17499
Toft, P.A. Using the generalized Radon transform for detection of curves in noisy images 25409
Toft, P.A. *see* Hansen, K.V. 15485
Toftegaard, T. *see* Ling, Y.K. 35954
Tofts, P.S., Barker, G.J., Dean, T.L., Gallagher, H., Gregory, A.P., Clarke, R.N. A low dielectric constant customized phantom design to measure RF coil nonuniformity 59494
Toga, A. *see* Arya, M. 15430
Toga, A.W., Coldkorn, A., Ambach, K., Chao, K., Quinn, B.C., Yao, P. Postmortem cryosectioning as an anatomic reference for human brain mapping 59490
Toga, A.W. *see* Thompson, P. 18393
Toga, A.W. *see* Yang, J. 28235
Toga, T. *see* Momose, T. 36999
Togal, A.W. *see* Holmes, C.J. 18377
Togami, T. *see* Ando, S. 2915
Togano, K. *see* Kumakura, H. 55082
Togano, K. *see* Okada, M. 43763
Togari, H. *see* Murakami, T. 27797
Togari, H. *see* Murakami, T. 48785
Togasaki, T., Yamada, H., Saito, M. Flow characteristics in resin encapsulation for flip chip interconnection 10165
Togashi, A. *see* Bista, B.B. 16090
Togashi, K., Urano, K., Ehara, Y., Kishida, H., Ito, T. Analysis of treeing phenomena by discharge magnitude and discharge luminescence in each phase angle 43440
Togashi, S., Ikehara, M., Nodera, T. Fast encoding methods of fractal coding 46341
Togawa, H., Hatakeyama, K.-I. Shielding evaluation of shielding gaskets for millimeter waves 14642
Togawa, N., Sato, M., Ohtsuki, T. Simultaneous placement and global routing for transport-processing FPGA layout 21595
Togawa, N., Sato, M., Ohtsuki, T. A simultaneous placement and global routing algorithm with path length constraints for transport-processing FPGAs 40815
Togawa, N., Sato, M., Ohtsuki, T. A circuit partitioning algorithm with path delay constraints for multi-FPGA systems 41101
Togawa, N., Sato, M., Ohtsuki, T. A performance-oriented circuit partitioning algorithm with logic-block replication for multi-FPGA systems 53210
Togawa, S. *see* Ikari, A. 10666
Togawa, T., Tamura, T., Kimura, Y., Ogawa, M. Attempts of fully automated home health monitoring systems 18188
Togher, P. *see* O'Reilly, E.P. 33486
Togneri, R. *see* Yaxin Zhang 24838
Togni, G. *see* Boni, A. 1146
Togo, M., Tanabe, A., Furukawa, A., Tokunaga, K., Hashimoto, T. A gate-side air-gap structure (GAS) to reduce the parasitic capacitance in MOSFETs 2644
Togo, M. *see* Kurisu, M. 26417
Togo, M. *see* Tanabe, A. 6771
Togo, M. *see* Yamamoto, T. 1727
Togo, V. *see* Cecchini, S. 7822
Toguchi, M. *see* Higa, A. 40512
Toguchi, M. *see* Odo, S. 56847
Toguchi, M. *see* Sokei, S. 56846
Toh, C.-K. Crossover switch discovery for wireless ATM LANs 16226
Toh, C.-K. A hybrid handover protocol for local area wireless ATM networks 47089
Toh, C.-K. A unifying methodology for handovers of heterogeneous connections in wireless ATM networks 47338
Toh, C.C. *see* Lim, C.W. 10919
Toh, S.L., Chau, F.S., Sim, C.W. Theoretical basis for real-time shearography 36918
Toh, S.L. *see* Asundi, A. 48620
Toh Kim-Chuan *see* Kim-Chuan Toh
Toh-Ming Lu *see* Ke Chen 53708
Tohda, T. *see* Hayashi, S. 30749
Tohda, T. *see* Kado, H. 43913
Tohic, R.Le *see* Le Tohic, R.
Tohjo, H., Yoda, I., Fujii, N. A method for realizing rapid operation scenario program development 5957
Tohma, Y., Koyanagi, Y. Fault-tolerant design of neural networks for solving optimization problems 11379
Tohme, S. *see* El-Henaoui, S. 5725
Tohmon, G., Uno, T., Matsui, Y. In line receiver module for bidirectional WDM transmission systems 16678
Tohmori, Y. *see* Hashimoto, T. 3646
Tohmori, Y. *see* Itaya, Y. 26909
Tohmori, Y. *see* Itaya, Y. 55604
Tohmori, Y. *see* Kurosaki, T. 3669
Tohmori, Y. *see* Kurosaki, T. 23563
Tohmori, Y. *see* Kurosaki, T. 23564
Tohmori, Y. *see* Suzaki, Y. 44531
Tohmori, Y. *see* Wada, M. 44468
Tohno, S. *see* Fukuda, M. 3840
Tohno, S. *see* Fukuda, M. 16824
Tohru, Y., Shigekazu, U. IM400-FLECS (flexible electric co-generation system) 29109
Tohumoglu, G. *see* Nacaroglu, A. 53079
Tohya, H. *see* Masuda, N. 53733
Tohyama, K., Tokoro, T., Mitsumoto, S., Nagao, M., Kosaki, M. Study of high-field AC conduction mechanism of electron beam irradiated crosslinked polyethylene film 32703
Tohyama, K., Tokoro, T., Nagao, M., Kosaki, M. Transient response of high-field AC dissipation current of electron beam irradiated crosslinked polyethylene film at AC ramp voltage application 32699
Tohyama, M. *see* Amano, K. 27188
Tohyama, N. *see* Shimizu, N. 13274
Tohyama, O., Kohashi, M., Yamamoto, K., Itoh, H. A fiber-optic silicon pressure sensor for ultra-thin catheters 18231
Tohyama, O. *see* Maeda, S. 43361
Toia, A. *see* Staicut, E. 6246
Toida, T. *see* Hayashi, S. 45708
Toigo, V. *see* Collarin, P. 29437
Toint, P.L. *see* Conn, A.R. 10417
Toint, P.L. *see* Conn, A.R. 30536
Toint, P.L. *see* Conn, A.R. 40124
Toit, L.J.Du *see* Du Toit, L.J.
Toit, L.P.du *see* du Toit, L.P.
Toivanen, E. High quality fixed radio access as a competitive local loop technology 47415
Toivanen, J. *see* Leppala, K. 8264
Toivo, T. *see* Meretoja, A.-P. 59715
Toivonen, H. *see* Arjas, E. 417
Toivonen, H. *see* Hatonen, K. 35631
Toivonen, L. *see* Simelius, K. 49701
Toivonen, M., Savolainen, P., Pessa, M. High-performance GaInP/AlGaInP strained quantum well lasers grown by solid source molecular beam epitaxy 14190
Toivonen, M. *see* Aschan, C. 37862
Tojo, T. *see* Yoshitake, S. 22634
Tojyo, E. *see* Arai, S. 49038
Tok, E.S., Neave, J.H., Zhang, J., Joyce, B.A., Jones, T.S. Arsenic incorporation kinetics in GaAs(001) homoepitaxy revisited 52679
Tokai, Y. *see* Sato, T. 40917
Tokano, Y. *see* Muramatsu, R. 27129
Tokarev, A.S. *see* Buldygin, A.F. 33234
Tokarev, M.M. *see* Levitskij, E.A. 38946
Tokarev, S.B. *see* Ivanov, A.I. 19755
Tokarev, S.B. *see* Zubkov, A.A. 20168
Tokarev, Yu.F. *see* Aleksandrov, A.V. 49205
Tokarz, R.F. *see* Zubelewicz, A. 30336
Tokarzewski, S. N-point Pade approximants to real-valued Stieltjes series with nonzero radii of convergence 10437
Tokdemir, T. *see* Karamete, B.K. 10577
Toker, G., Brunfeld, A., Shamir, J. High resolution inspection method for in-line surface testing 17673
Tokhi, M.O., Chambers, C., Hossain, M.A. Performance evolution with DSP and transputer based systems in real-time signal processing and control applications 34740
Tokhi, M.O. *see* Baghai-Ravary, L. 14907
Tokhi, M.O. *see* Baghai-Ravary, L. 15585
Toki, M. *see* Takaba, K. 39971
Toki, W. *see* Arai, Y. 37267
Toki, W. *see* Arai, Y. 37268
Tokiguchi, K., Yamashita, Y., Seki, T., Hashimoto, I. Development of an ion implanter for SIMOX wafer volume production 42290
Tokii, A., Sakata, A., Yamada, Y., Murakami, T. Timing characteristics of an angular-line focusing two magnets system 49351
Tokimasa, Y. *see* Ishida, Y. 34966
Tokinaga, S., Moriyasu, H., Miyazaki, A., Shimazu, N. A forecasting method for time-series bearing fractal geometry by using the scale transform and the parameter estimation obtained by the wavelet transform 21049
Tokita, K., Okada, F. Growth of metal oxide thin films by laser-induced metalorganic chemical vapor deposition 864
Tokita, Y. *see* Guang Xu 33379
Tokito, S., Noda, K., Taga, Y. Metal oxides as a hole-injecting layer for an organic electroluminescent device 13862
Tokito, S., Tanaka, A.H., Noda, K., Okada, A., Taga, Y. Thermal stability in oligomeric triphenylamine/tris(8-quinolinolato) aluminum electroluminescent devices 44268
Tokito, S. *see* Fujikawa, H. 23115
Tokito, S. *see* Sugimoto, Y. 11527
Tokizawa, H., Baba, H., Sakashita, Y., Tanaka, H. Voice-speed control system LSI 34637
Toklu, C., Tekalp, A.M., Erdem, A.T. 2-D triangular mesh-based mosaicking for object tracking in the presence of occlusion 56861
Toklu, C., Tekalp, A.M., Erdem, A.T., Sezan, M.I. 2-D mesh-based tracking of deformable objects with occlusion 57019
Tokmakian, R.T. *see* Challenor, P.G. 28649
Tokmoldin, S.Zh. *see* Kikkarin, S.M. 54028
Toko, K. *see* Akiyama, H. 58715
Toko, K. *see* Akiyama, I. 7460
Toko, K. *see* Imamura, T. 51909
Toko, K. *see* Oohira, K. 48700
Tokoro, S. Automotive application systems of a millimeter-wave radar 27079
Tokoro, T., Hackam, R. Recovery of hydrophobicity of nylon aged by heat and saline water 8934
Tokoro, T., Hackam, R. Effect of water salinity and temperature on the hydrophobicity of ethylene propylene diene monomer insulator 38406
Tokoro, T. *see* Matsuoka, N. 33382
Tokoro, T. *see* Tohyama, K. 32699
Tokoro, T. *see* Tohyama, K. 32703
Tokoyo, H. *see* Aoki, T. 31289
Tokranova, N.A. *see* Podlaskin, B.G. 7343
Tokranova, N.A. *see* Podlaskin, B.G. 36578
Toksoz, N.M., Yingping Li, Lee, J.M. Seismic imaging of fractures in geothermal reservoirs 29128
Tokubuchi, M. *see* Imamura, M. 9291
Tokuda, H. *see* Kawano, M. 11715
Tokuda, H. *see* Nakajima, T. 6318
Tokuda, H. *see* Takemura, Y. 3035
Tokuda, K. *see* Masuko, T. 14942
Tokuda, K. *see* Masuko, T. 24813
Tokuda, K. *see* Naito, Y. 34816
Tokuda, K. *see* Resende, F.G.V., Jr. 45763
Tokuda, K. *see* Sanubari, J. 25146
Tokuda, M. Electromagnetic compatibility in power electronics equipment. III. High frequency EMC phenomena and (national and international) standards 11173
Tokuda, M. *see* Kobayashi, R. 17722
Tokuda, M. *see* Tajima, K. 17723
Tokuda, M. *see* Takahashi, M. 4288
Tokuda, M. *see* Takahashi, M. 4292
Tokuda, N. *see* Arai, S. 49038
Tokuda, N. *see* Yan, R. 4959
Tokuda, T. *see* Shiraishi, T. 21709
Tokuda, T. *see* Teraoka, E. 47461
Tokuda, Y., Hasebe, Y., Ito, A., Iwata, H., Usami, A., Terashima, A., Ohshima, H., Hattori, T. Hydrogen-implantation-induced activation in phosphorus-implanted silicon 12682
Tokuda, Y. *see* Abe, H. 22263
Tokuda, Y. *see* Furukawa, A. 2837
Tokuda, Y. *see* Shiozawa, K. 32101
Tokudomi, H. *see* Imasaka, K. 19748
Tokumaru, H. *see* Jing-Long Wu 27798
Tokumaru, S. Polarization structure of geometrical optics field in absorbing media 24448
Tokumaru, S. *see* Nakamura, T. 18581
Tokumaru, S. *see* Nakamura, T. 59852
Tokumitsu, E., Nakamura, R.-I., Ishiwara, H. Fabrications of ferroelectric-gate field-effect-transistors using P(L)ZT films 22852
Tokumitsu, E., Nakamura, R., Ishiwara, H. Nonvolatile memory operations of metal-ferroelectric-insulator-semiconductor (MFIS) FETs using PLZT/STO/Si(100) structures 41145
Tokumitsu, E. *see* Aizawa, K. 52760
Tokumitsu, E. *see* Ishtwara, H. 55008
Tokumitsu, E. *see* Ohmi, S. 32453
Tokumitsu, M., Hirano, M., Otsuji, T., Yamaguchi, S., Yamasaki, K. A 0.1-μm self-aligned-gate GaAs MESFET with multilayer interconnection structure for ultra-high-speed ICs 43143
Tokumitsu, M. *see* Onodera, K. 21957
Tokumitsu, M. *see* Otsuji, T. 43340
Tokumitsu, M. *see* Shiojima, K. 22430
Tokumitsu, M. *see* Yamane, Y. 11740
Tokumitsu, T., Hirano, M., Toyoda, I., Nishikawa, K., Yamaguchi, C., Aikawa, M. Master-Slice 3D MMIC 31523
Tokumitsu, T., Hirano, M., Yamasaki, K., Yamaguchi, C., Aikawa, M. Highly integrated 3-D MMIC technology being applied to novel masterslice GaAs- and Si-MMIC's 31532
Tokumitsu, T. *see* Aikawa, M. 31519
Tokumitsu, T. *see* Kamogawa, K. 24601
Tokumitsu, T. *see* Nishikawa, K. 31522
Tokumitsu, T. *see* Onodera, K. 21957
Tokumitsu, T. *see* Toyoda, I. 21953
Tokumitu, E. *see* Sakai, I. 2922

Tokumoto, H. *see* Gruverman, A. 2960
Tokumoto, S. *see* Nozu, M. 39829
Tokumura, M. *see* Senjyu, T. 29172
Tokunaga, H. *see* Arai, T. 40328
Tokunaga, K. *see* Koga, H. 41166
Tokunaga, K. *see* Togo, M. 2644
Tokunaga, S. Intersection number of two connected geometric graphs 459
Tokunaga, T. *see* Fujii, Y. 44117
Tokuno, K., Tanioka, M., Murakami, T., Yoshino, R. Resin underfill technology for flip chip assembly 10166
Tokuno, K. *see* Senba, N. 59876
Tokura, H. *see* Itoh, K. 9169
Tokura, H. *see* Nakaura, S. 18495
Tokura, N., Kajiyama, Y. An optical path based self-healing ring system 16766
Tokura, N. *see* Masuda, H. 26231
Tokura, N. *see* Masuda, H. 57606
Tokura, T., Mori, Y., Hasebe, T., Uesaka, Y. DVD authoring system 17101
Tokushige, H. Ion beam assisted ECR-PCVD applied for preparation of hydrogenated amorphous silicon 40529
Tokushima, M. *see* Maeda, T. 2842
Tokutaka, H. *see* Sumi, H. 40575
Tokuyama, J. *see* Ohyama, H. 42920
Tokuzawa, T., Mase, A., Oyama, A.N., Itakura, A., Tamano, T. Ultrafast broadband frequency-modulation reflectometer for density profile measurements in GAMMA 10 36863
Tokuzawa, T. *see* Oyama, N. 36866
Tol, J.J.G.M.Van der *see* Van der Tol, J.J.G.M.
Tolbanov, O.P. *see* Chmill, V.B. 37223
Tolbanov, O.P. *see* Koretskaya, O.B. 37224
Tolbert, L.M., Hollis, H.D., Hale, P.S., Jr. Evaluation of harmonic suppression devices 38202
Tolbert, L.M., Hollis, H.D., Hale, P.S., Jr. Survey of harmonics measurements in electrical distribution systems 38335
Tolbert, L.M. *see* Hsu, J.S. 29339
Tolfree, D.W.L. The status of deep X-ray lithography in the UK for the development of precision microstructures 22744
Tolga, E. *see* Kahraman, C. 10004
Tolikas, M., Goldie, J.H., Lang, J.H., Kirtley, J.L., Jr. Algebraic dual-energy thermal analysis with application to variable reluctance motor design 29274
Tolimieri, R., Myoung An Algebra of multidimensional multirate structures 15222
Tolinski, T. *see* Baszynski, J. 23351
Tolio, T. *see* Sangalli, N. 21113
Toliyat, H.A. *see* Ehsani, M. 39321
Toliyat, H.A. *see* Ehsani, M. 51742
Toliyat, H.A. *see* Johnson, J.P. 29276
Toliyat, H.A. *see* Rahman, K.M. 29713
Tolk, N.H., Albridge, R.G., Barnes, A.V., Barnes, B.M., Davidson, J.L., Gordon, V.D., Margaritondo, G., McKinley, J.T., Mensing, G.A., Sturmann, J. Free-electron laser wavelength-selective materials alteration and photoexcitation spectroscopy 2392
Tolkiehn, R. *see* Behrens, D. 41072
Tolkinnen, L. *see* Vichare, M. 12980
Tolksdorf, R. *see* Ciancarini, P. 57856
Tolle, D.A. *see* Vigon, B.W. 28985
Tolle, H. *see* Gorsich, D. 26976
Tollestrup, A. *see* Palmer, R.B. 17924
Tollestrup, A. *see* Palmer, R.B. 17966
Tolley, A.L. *see* Crutcher, R.I. 58214
Tollier, L. *see* Bcrthe, L. 14492
Tollik, D. *see* Pietkiewicz, A. 50438
Tollis, I.G. Optimal partitioning of cellular networks 6606
Tollis, I.G. *see* Danda, S. 1063
Tollkuehn, P.F. *see* Kraft-Kugler, F. 47287
Tollner, U. Waveform programmable DC power supplies for testing 11167
Tolly, K. Define & conquer: putting Ethernet switches to the test 16488
Tolly, K.W. Devising a strategy for LAN-based multimedia 35823
Toloo, M., Mouftah, H.T. Traffic characterization in mobile personal communication systems 47820
Tolopa, A.M. Vacuum arc technique TAMEK: broad metal ion, plasma and electron beams generation 22154
Tolstik, A.L. *see* Ivanova, N.A. 44723
Tolstik, A.L. *see* Karpuk, S.M. 24296
Tolstik, A.L. *see* Karpuk, S.M. 44752
Tolstikhina, A.L., Arutyunov, P.A., Matveeva, A.D. An expert system for analysis of electron-diffraction patterns taken from thin-film materials used in ICs 32478
Tolstoguzov, A.B., Mamontov, E.V. Registration system for an ion microprobe 27424
Tolstoluzhsky, A.P. *see* Fainberg, Ya.B. 22153
Tolstorozhev, G.B. *see* Borisevich, N.A. 14047
Tolstov, K.D. *see* Chultem, D. 37164
Tolstoy, A. Using matched-field processing to estimate shallow-water bottom properties from shot data taken in the Mediterranean Sea 18762
Tolstoy, V.P., Murin, I.V., Reller, A. The synthesis of Mn(IV) oxide nanolayers by the successive ionic layer deposition method 52717
Tolstoy, V.P. *see* Drozd, V.E. 52719
Tolt, Z.L., Heatherly, L., Clausing, R.E., Feigerle, C.S. The role of H_2O in enhancing hot filament assisted diamond growth at low temperatures 30878
Tolvanen, P. *see* Pousi, T. 1186
Tolyarenko, N.V. *see* Bourgasov, M.P. 18701
Tom, B.C., Katsaggelos, A.K. Resolution enhancement of video sequences using motion compensation 56968
Tom Lee Tien-Yu *see* Tien-Yu Tom Lee
Toma, E. *see* Bonnaud, O. 9879
Toma, E. *see* Crawford, D.H. 15379
Toma, E. *see* Crawford, D.H. 56510
Toma, H. *see* Fontes, M.B.A. 28081
Toma, H. *see* Sentovich, E.M. 11111
Tomabechi, N. The effect of the hardware amount of redundant interconnection lines and exchanging switches on the yield of VLSI with redundancy 54762
Tomabechi, N., Kanazawa, S. Redundancy design of a wafer scale and high speed FFT processor 21751
Tomabechi, Y., Hwang, J., Matsumura, K. Resonance characteristics on a dielectric disk resonator coupled with a straight waveguide 11674
Tomabechi, Y. *see* Han, Q. 41402
Tomabechi, Y. *see* Hwang, J. 13409
Tomabechi, Y. *see* Qing Han 14675
Tomaine, J.J. *see* Davis, J.G. 22030
Tomar, A.K. *see* Gupta, B.D. 7370
Tomar, M.S., Kuenhold, K.A. Mixed metal oxide films for ferroelectric memory devices and batteries 54918
Tomar, M.S. *see* Knick, D.C. 54074
Tomaru, S. *see* Shuto, Y. 33721
Tomaru, S. *see* Takara, H. 14263
Tomaru, T., Kitajima, S., Inoue, H. Linear measurement of weak 1.57 μm optical pulse train by heterodyne autocorrelation 27946
Tomas, C., Girardeau-Montaut, J.P., Afif, M., Romand, M., Charbonnier, M., Girardeau-Montaut, C. Photoemission monitored cleaning of pure and implanted tungsten photocathodes by picosecond UV laser 53895
Tomas, C. *see* Afif, M. 41757
Tomas, J., Begueret, J.B., Deval, Y., Dom, J.P., Aucouturier, J.L. Design and characterisation of analogue integrated circuits–application to an OPA 9893
Tomas, J. *see* Maidon, Y. 20840
Tomas, J. *see* Maidon, Y. 43255
Tomasek, R. An integrated design approach for virtual prototyping and manufacturing 31581
Tomasel, F.G., Rocca, J.J., Shlyaptsev, V.N., Macchietto, C.D. Lasing at 60.8 nm in Ne-like sulfur ions in ablated material excited by a capillary discharge 44351
Tomasevic, M. *see* Milutinovic, V. 1339
Tomashuk, A.L. *see* Bubnov, M.M. 13596
Tomasi, F.de *see* de Tomasi, F.
Tomasi, J. *see* Haridas, P. 59198
Tomasi, L. *see* Babich, F. 4252
Tomasi-Gustafsson, E. *see* Golovanov, L.B. 18072
Tomasic, A. *see* Amsaleg, L. 26103
Tomasin, P. *see* Pomilio, J.A. 29402
Tomasini, A. *see* Brattoli, M. 25769
Tomasini, F. *see* Arfelli, F. 37666
Tomasini, P., Arai, K., Wu, Y.H., Yao, T. Fabrication of ZnSe/ZnS quantum wires using high index GaP substrates 754
Tomasini, P., Haidoux, A., Maurin, M., Tedenac, J.C. Growth by OMVPE and X-ray analysis of ZnTe and ZnTe/ZnSe epilayers on III-V substrates 10764
Tomasiunas, R. *see* Gilliot, P. 22361
Tomassetti, G. *see* D'Amico, N. 36303
Tomassetti, M. *see* Campanella, L. 60091
Tomastik, R.N., Luh, P.B., Zhang, D. A reduced-complexity bundle method for maximizing concave nonsmooth functions 40087
Tomasz, M. Direct-conversion receiver IC simplifies DBS set-top boxes 58550
Tomaszewski, K. *see* Badziak, J. 23837
Tomazic, S. On short-time Fourier transform with single-sided exponential window 25093
Tomazic, S., Znidar, S. A fast recursive STFT algorithm 4708
Tomba, L., Krzymien, W.A. Effect of carrier phase noise and frequency offset on the performance of multicarrier CDMA systems 6614
Tomba, L. *see* Benvenuto, N. 6557
Tombal, J. *see* Flerackers, E. 5967
Tombesi, P. *see* D'Ariano, G.M. 15839
Tombling, C. *see* Robinson, M.G. 33154
Tombling, C. *see* Robinson, M.G. 33205
Tombras, G.S. *see* Lazarakis, F. 26591
Tombras, G.S. *see* Varzakas, P. 26539
Tombre, K. Structural and syntactic methods in line drawing analysis: to which extent do they work? 15895
Tomcikova, I., Mojzis, M. A verification of a mathematical model of elastomagnetic sensor 36531
Tomczak, M. *see* Brie, D. 52875
Tomczyk, C. *see* Williamson, D. 2544
Tome, S.J. A fuzzy approach to power system planning and power transactions in a competitive environment 50481
Tome Saraiva, J. *see* Braga, A.S. 8951
Tomei, P. *see* Marino, R. 50984
Tomek, I. *see* Hrianka, M. 46129
Tomes, C. Intranets prepare for takeoff 47013
Tomes, J. *see* Ashwin, P. 40953
Tomescu, E. *see* Chilian, A. 18528
Tomescu, F.M.G. *see* Munteanu, I. 44998
Tomey, E., Bacmann, M., Fruchart, D., Gignoux, D., Soubeyroux, J.L. Structural and magnetic properties of $RFe_{10.5}Mo_{1.5}N_x$ compounds (R=rare earth) 3050
Tomey, E., Bacmann, M., Fruchart, D., Gignoux, D., Soubeyroux, J.L. Relationship between the structural and magnetic properties of the series $RFe_{10.5}Mo_{1.5}X_x$ with X=H, C, N and $0 \leqslant x \leqslant 1$ 3245
Tomey, E. *see* Garcia-Landa, B. 3030
Tomic, D. *see* Goodwill, D.J. 55468
Tomich, D.H. *see* Li, N.Y. 52619
Tomida, S. *see* Furushima, Y. 14196
Tomida, S. *see* Yamada, H. 17073
Tomida, T., Choi, P., Maehara, Y., Uehara, M., Tomizawa, H., Hirosawa, S. Origin of magnetic anisotropy formation in the HDDR-process of $Nd_2Fe_{14}B$-based alloys 3095
Tomida, T. *see* Sun, H. 32785
Tomida, T. *see* Sun, H. 43620
Tomida, T. *see* Uehara, M. 23292
Tomida, Y. *see* Hiramatsu, T. 35848
Tomie, T. *see* Okuda, I. 33366
Tomikawa, T. *see* Absaloms, H. 5032
Tomikawa, Y., Kimura, K., Sugawara, S. Ultrasonic carbon-fiber gyro-sensor 17287
Tomikawa, Y. *see* Hata, H. 2988
Tomikawa, Y. *see* Kusakabe, C. 2987
Tomikawa, Y. *see* Ohnishi, K. 1162
Tomikawa, Y. *see* Takano, T. 13370
Tomiki, H. *see* Noguchi, T. 29451
Tomilov, N.I. *see* Kismereshkin, V.P. 4372
Tomimasu, T. Development of free electron lasers and their applications 24031
Tomimasu, T., Oshita, E., Okuma, S., Wakita, K., Takii, T., Koga, A., Nishihara, S., Nagai, A., Tongu, H., Wakisaka, K., Miyauchi, Y., Saeki, K., Kobayashi, A. First lasings at 0.287-0.37 μm free electron lasers using an S-band electron linear accelerator with a thermionic gun 33583
Tomimasu, T. *see* Mitsuyu, T. 55918
Tomimasu, T. *see* Nishi, K. 54170
Tomimasu, T. *see* Ohyama, H. 54331
Tomimatsu, N. *see* Nakagawa, K. 51505
Tomimatsu, N. *see* Nirasawa, H. 19661
Tomimura, T. *see* Fujii, M. 30332
Tomimuro, H. *see* Yamaguchi, S. 12031
Tominaga, H. *see* Ayaki, T. 35976
Tominaga, H. *see* Inoue, M. 46561
Tominaga, H. *see* Kodama, M. 46237
Tominaga, H. *see* Miyamori, H. 26411
Tominaga, K., Ao, T., Mori, I., Kusaka, K., Hanabusa, T. Gas pressure dependence of AlN film properties in alternating sputtering system 838
Tominaga, K., Hosoda, M., Watanabe, T., Fujiwara, K. Wannier-Stark localization in strained InGaAs/InAlAs superlattices using InGaAs quasi-substrate grown on GaAs 13687
Tominaga, K. *see* Hosoda, M. 42138
Tominaga, K. *see* Slobodchikov, E. 3783
Tominaga, S. Multichannel vision system for estimating surface and illumination functions 5449
Tominaga, S., Fujita, H., Aakagi, H. Transient analysis of an advanced static VAr compensator using quad-series voltage-source PAM inverters 28778
Tominaga, S., Nisituji, J. A method for estimating color vectors based on line detection from a color histogram 46081
Tominaga, T., Hayashi, K., Toshima, N. Accelerated hole transfer by double-layered metal-lophthalocyanine thin film for effective electroluminescence 33279
Tominaga, T. *see* Idogaki, T. 19931
Tominaga, T. *see* Shirai, T. 55062
Tomioka, S. *see* Kagata, M. 48692
Tomioka, T., Harada, M., Kurihara, M. IR-LED for "VICS" IR-beacon 61293
Tomioka, T. *see* Iwai, T. 42950
Tomioka, Y., Echizen, M., Enomoto, T., Taniguchi, T., Kondo, S. Study on organizational culture for safety of operating Japanese nuclear power plants 38561
Tomioka, Y., Miyake, J. A copper alloy development for leadframe 10086
Tomioka, Y., Sugita, E., Gonmori, A. The development of the rear-end collision warning system equipped with a radar for heavy-duty trucks 58485
Tomisawa, M. *see* Iezawa, M. 9159
Tomishima, S., Morishita, F., Tsukude, M., Yamagata, T., Arimoto, K. A long data retention SOI-DRAM with the body refresh function 1419
Tomita, A., Jr., Ishii, R. Determining the orientation of a person's hand by using the photometric stereo method 35371
Tomita, F. *see* Kato, T. 57999
Tomita, H., Sunohara, M., Goto, T., Takahashi, K. Solution spinning of a high-T_c oxide superconductor: the effect of poly(vinyl alcohol) spinning medium on the critical current density of melt-processed $Y_1Ba_2Cu_3O_x$ superconducting filaments 13485
Tomita, H. *see* Ohnuki, T. 60870
Tomita, H. *see* Sato, T. 40917
Tomita, J. *see* Yamanaka, S. 19451
Tomita, J. *see* Yamanaka, S. 32726
Tomita, K. Development of 5.4 inch LCD for automotive use PAL/NTSC 61303

Tomita, M., Doki, S., Yamaguchi, H., Okuma, S. A sensorless estimation of rotor position of cylindrical brushless DC motors using eddy current 51039
Tomita, M. *see* Itsumi, M. 2354
Tomita, M. *see* Itsumi, M. 41851
Tomita, M. *see* Iwata, N. 31503
Tomita, M. *see* Kawahira, H. 22632
Tomita, M. *see* Sakata, A. 54527
Tomita, M. *see* Sasakawa, T. 45253
Tomita, M. *see* Yoshimi, M. 32410
Tomita, N. Photonic sensing technologies for fiber networks 58366
Tomita, N., Tanaka, M., Saeki, T., Shimomura, S., Hiyamizu, S., Fujita, K., Watanabe, T., Higuchi, T., Sano, N., Adachi, A. Improved cathodoluminescence properties of $GaAs/Al_{0.3}Ga_{0.7}As$ tilted T-shaped quantum wires fabricated on (111)B facet by glancing-angle molecular beam epitaxy 22375
Tomita, N. *see* Ikeuchi, K. 28403
Tomita, N. *see* Oguchi, T. 26918
Tomita, N.S. *see* Barrera, J. 57417
Tomita, S. *see* Hamamoto, Y. 5604
Tomita, S. *see* Hamamoto, Y. 46092
Tomita, S. *see* Keshk, H. 52986
Tomita, S. *see* Sugihara, S. 31904
Tomita, T. *see* Ichioka, Y. 20791
Tomita, T. *see* Umeda, K. 32643
Tomita, Y., Hashimoto, K., Osawa, N. Nondestructive estimation of fatigue damage for steel by Barkhausen noise analysis 40733
Tomita, Y. *see* Baba, S. 239
Tomita, Y. *see* Widjaja, J. 3328
Tomiuk, B.R., Beaulieu, N.C., Abu-Dayya, A.A. The effect of channel weighting errors in maximal ratio combiners 34522
Tomiyama, H. *see* Shackleford, B. 1030
Tomiyama, N. *see* Nakamura, I. 38805
Tomiyasu, K. Power densities in the near field of a large antenna focused to infinity 24477
Tomiyasu, K. Four-port scattering matrix for dual-polarized wave transmission and reflection network 45324
Tomiye, H., Yao, T., Kawami, H., Hayashi, T. Nanometer-scale characterization of SiO_2/Si with a scanning capacitance microscope 22449
Tomiyori, M. *see* Nagasaki, M. 47460
Tomizawa, H. *see* Hattori, T. 59111
Tomizawa, H. *see* Tomida, T. 3095
Tomizawa, H. *see* Uehara, M. 23292
Tomizawa, M., Yamabayshi, Y., Murata, K., Ono, T., Kobayashi, Y., Hagimoto, K. Forward error correcting codes in synchronous fiber optic transmission systems 26789
Tomizawa, M. *see* Arai, S. 49038
Tomizawa, M. *see* Kawase, N. 46584
Tomizawa, M. *see* Oikawa, T. 29065
Tomizawa, M. *see* Shoji, M. 42313
Tomizawa, M. *see* Watanabe, T. 37036
Tomizawa, Y. *see* Hamada, E. 43919
Tomizawa, Y. *see* Mitsuishi, M. 37840
Tomlin, C. *see* Pappas, G.J. 38030
Tomlinson, M., Abu-Rgheff, M.N.A. The TAR decoder–a bandpass Viterbi/FFT decoder for convolutional encoded spread-spectrum signals 4528
Tomlinson, M.J., Russell, M.J., Brooke, N.M. Integrating audio and visual information to provide highly robust speech recognition 14990
Tomlinson, R.D. *see* Mullan, C.A. 30723
Tomlinson, R.D. *see* Yakushev, M.V. 54419
Tomlinson, S.L. *see* Valera, M.S. 3255
Tomlinson, T. *see* Wohlgemuth, J.H. 39157
Tomlinson, W., Jackson, F., St. Lawrence, M.A. Inline inspection to wafer test correlation 30363
Tomlinson, W.J. *see* Jackel, J.L. 3496
Tomm, J.W., Barwolff, A., Menzel, U., Voss, M., Puchert, R., Elsaesser, T., Daminger, F.X., Heinemann, S., Luft, J. Monitoring of aging properties of AlGaAs high-power laser arrays 44443
Tomm, J.W. *see* Richter, A. 23878
Tomm, Y. *see* Henrion, W. 12319
Tomm, Y. *see* Klein, A. 42060
Tomm, Y. *see* Loher, T. 747
Tommasi, O. *see* Ruffini, A. 31693
Tommasini, A. *see* Galtarossa, A. 33035
Tommikura, S., Kaya, Y. Economic potential of photovoltaic systems 38646
Tomobe, M. *see* Enjou, A. 35624
Tomochika, T. *see* Tanaka, Y. 35389
Tomoda, S. *see* Hiraoka, H. 20242
Tomoe, A. *see* Takahira, O. 29119
Tomofuji, H. *see* Ihara, T. 47940
Tomohiro Shin-Ya *see* Shin-Ya Tomohiro
Tomokage, H. *see* Kanda, T. 10643
Tomokage, H. *see* Kanda, T. 30687
Tomokage, H. *see* Kanda, T. 40295
Tomokuni, Y. *see* Hirachi, K. 51300
Tomono, A. *see* Sudo, K. 25498
Tomono, K. *see* Nakayama, A. 11746
Tomonoh, M. *see* Sakai, J. 16275
Tomonoh, Y., Ohno, K., Yano, S. LSI technologies for CMOS-based supercomputer SX-4 21546
Tomordi, K. *see* Szolgay, P. 30347
Tomori, H. *see* Tachikawa, K. 55101
Tomoto, M. *see* Emi, K. 7794
Tomoura, Y. *see* Hashimoto, K. 54254
Tomov, I. *see* Stratieva, N. 42016
Tomovic, C.L. Managing resistance to classroom and student-learning assessment: lessons learned from the past 20616
Tomovic, M.M. Developing laboratory exercises for advanced welding course 20542
Tomozawa, A. *see* Kobune, M. 2920
Tomozawa, A. *see* Sakata, Y. 42481
Tomozawa, H., Jinushi, K., Okada, H., Hashizume, T., Hasegawa, H. Design and fabrication of GaAs/AlGaAs single electron transistors based on in-plane Schottky gate control of 2DEG 13044
Tompa, G.S., Murzin, I.H., Kim, S.I., Ahn, Y.O., Gallois, B., Fischer, T.E., Forsythe, E.W. Carbon nitride formation by plasma assisted ion beam deposition 10888
Tompkins, C.M., Durham, M.O. Mitigation methods for reducing extremely low frequency electromagnetic fields 28894
Tompkins, M.W., Anderson, M.A., Feng, Q., Zhang, J., Kim, K. Study of a transaugmented two-stage small circular-bore railgun for injection of hypervelocity hydrogen pellets as a fusion reactor refueling mechanism 33906
Tompkins, M.W. *see* King, T.L. 33900
Tompkins, W.J. *see* Afonso, V.X. 37788
Tompkins, W.J. *see* Cohen, K.P. 59660
Tompkins, W.J. *see* Djohan, A. 59649
Tompsett, G. *see* Sammes, N. 51534
Toms, J.M. *see* Christianson, O.R. 51623
Toms, M.L. *see* Moore, F.W. 8247
Tomsic, M., Gider, F., Bogataj, U., Kljajic, M. The relationship between stimulus parameters and muscle response utilising implantable stimulator 37880
Tomsic, M. *see* Gider, F. 37841
Tomsic, Z., Feretic, D., Skanata, D. Electric power system analysis and planning using computer-programme package DECADES 19257
Tomsovic, K., Amar, A. On refining equipment condition monitoring using fuzzy sets and artificial neural nets 51422
Tomura, M. *see* Furukawa, M. 6405
Ton Thi Ngoc Lan *see* Seidel, U. 40744
Tonchev, V.D. Binary codes derived from the Hoffman-Singleton and Higman-Sims graphs 56329
Tonchia, H., Bisquay, H. The effect of sound velocity on wide swath multibeam system data 49994
Tonci, C. *see* Della Santa, A. 10976
Toncich, S.S. *see* Mejia, M. 48393
Tondello, E. *see* Bandoli, G. 30921
Tondello, G. *see* Boscolo, A. 28056
Tondello, G. *see* Giammanco, F. 55901
Tondello, G. *see* Placentino, L. 13832
Tonder, J.C.van *see* van Tonder, J.C.
Tondiglia, V.P. *see* Natarajan, L.V. 4133
Tondos, M., Micek, P. A vibration suppression method in position drives with elastic joint 9466
Tondos, M., Mysinski, W. Some aspects of microcomputer-based control system for the drives with resilient couplings 9626
Tondu, B., Conscience, M. The interest of the McKibben pneumatic artificial muscle to actuate telethesis for handicapped 49799
Tone, K. *see* Morita, K. 28916
Tonegawa, K. *see* Mandai, H. 16604
Tonegawa, S., Machida, T., Suzuki, W., Hashimoto, H. The Ka-band 150 W high power helix traveling wave tube [for satellite communication] 58245
Tonegawa, S. *see* Arai, S. 31716
Tonegawa, S. *see* Nobe, T. 31715
Tonella, P. *see* Antoniol, G. 28352
Tonelli, G. The silicon tracking system of CMS 59244
Toner, M. *see* Capelli-Schellpfeffer, M. 39682
Toneva, A. *see* Danesh, P. 12306
Toney, J. *see* Schieber, M. 7805
Toney, J. *see* Schlesinger, T.E. 37554
Toney, J. *see* Van Scyoc, J.M. 7837
Toney, J.E., Brunett, B.A., Schlesinger, T.E., van Scyoc, J.M., James, R.B., Schieber, M., Goorsky, M., Yoon, H., Eissler, E., Johnson, C. Uniformity of $Cd_{1-x}Zn_xTe$ grown by high-pressure Bridgman 37317
Toney, J.E. *see* McGregor, D.S. 37313
Tong, B. *see* Sharma, A. 9928
Tong, B.Y. *see* Yang, G.-R. 32212
Tong, C. *see* Xie, X. 57745
Tong, C., Jayasumana, A. *(editors)* Digest of Papers 1996 IEEE International Workshop on IDDQ Testing (Cat. No.96TB100067) 20422
Tong, C.-y.E. *see* Kawamura, J. 43870
Tong, C.H., Meza, J.C., Moen, C.D. Simulation of equipment design optimisation in microelectronics manufacturing 52949
Tong, D.T.K., Bhatt, N.A., Wu, M.C. Novel optoelectronic technique for tunable millimeter-wave generation using a monolithic mode locked semiconductor laser 7552
Tong, D.T.K., Wu, M.C. Programmable-dispersion matrix for optical beam-forming network 16683
Tong, D.T.K., Wu, M.C. Multiwavelength two-dimensional optically controlled phased array antenna 56210
Tong, D.T.K. *see* Wu, M.C. 45461
Tong, F., Ho, K.-P., Schrans, T., Hall, W.E., Grand, G., Mottier, P. A wavelength-matching scheme for WDM systems 26751
Tong, F., Liu, K., Li, C.S., Stevens, A.E. A 32-channel hybridly-integrated tunable receiver 16740
Tong, F. *see* Chun-Kit Chan 47972
Tong, F. *see* Wang, W.-K. 26925
Tong, F.K. *see* Song, J. 6747
Tong, F.M., Ravindra, N.M., Kosonocky, W.F. Design and simulation of permissible tolerance during fabrication of infrared-induced transmission filters 44195
Tong, H. *see* Shi, L.T. 30337
Tong, H.C., Rottmayer, R. The effect of stress on micromagnetics of film heads 32865
Tong, H.Y., King, T.J., Shi, F.G. Crystallization of amorphous SiGe thin films 40493
Tong, J. *see* Chadalavada, V. 50361
Tong, J. *see* Irisarri, G.D. 50299
Tong, J. *see* Ishikawa, M. 51613
Tong, J.K., Hanger, G.F., Becker, D.S., Syverson, D.J. A study of the effectiveness of vapor phase cleans for advanced gate oxidation 42463
Tong, J.K., Martin, J.S., Rogers, T.C., Syverson, D.J. Removal of polymeric/silicate residues and reduction of contact resistance for inter-metal via holes by vapor phase HF cleaning 42628
Tong, K.F. *see* Lee, K.F. 34356
Tong, K.Y. *see* Huang, W.N. 31801
Tong, K.Y. *see* Huang, W.N. 44211
Tong, K.Y. *see* Jelenkovic, E.V. 2287
Tong, K.Y. *see* Jelenkovic, E.V. 32430
Tong, K.Y. *see* Jelenkovic, E.V. 42366
Tong, K.Y. *see* Sun, Z. 30946
Tong, L. Identification of multichannel MA parameters using higher-order statistics 4775
Tong, L. *see* Baoping Wang 41785
Tong, L. *see* Zeng, H.H. 34632
Tong, L. *see* Zeng, S. 5680
Tong, L.N. *see* Bie, Q.S. 43661
Tong, P. *see* Angino, G. 48115
Tong, Q.-Y., Gutjahr, K., Hopfe, S., Gosele, U., Lee, T.-H. Layer splitting process in hydrogen-implanted Si, Ge, SiC, and diamond substrates 42347
Tong, Q.-Y., Lee, T.-H., Gosele, U., Reiche, M., Ramm, J., Beck, E. The role of surface chemistry in bonding of standard silicon wafers 42516
Tong, Q.-Y., Lee, T.-H., Kim, W.-J., Tan, T.Y., Gosele, U. Feasibility study of VLSI device layer transfer by CMP PETEOS direct bonding 12801
Tong, S., Ping, S., Sibing, W. Preparation of $SrTiO_3$ ultrafine powders using hydrothermal method 30990
Tong, S.Y. *see* Waddill, G.D. 55019
Tong, W., Tran, T.K., Park, W., Schon, S., Wagner, B.K., Summers, C.J. High-quality ZnS thin-film growth for flat-panel displays 55414
Tong, W. *see* Summers, C.J. 23688
Tong, W. *see* Wagner, B. 17671
Tong, W.G. *see* Xinxian Bao 55170
Tong, Y.P., French, P.M.W., Taylor, J.R., Fujimoto, J.O. All-solid-state femtosecond sources in the near infrared 44405
Tong, Y.Z. *see* Zhang, G.Y. 52678
Tong Guangqui, Zhang Xiuzeng A test standard for calibrating high accurate ADC and DAC 27402
Tong Han Da *see* Da Tong Han
Tong Hua-Ching *see* Hua-Ching Tong
Tong Huang, Yasuhara, M. Dynamic programming matching applied to off-line handwritten character recognition 25340
Tong Jiarong *see* Tan Xiangdong 1212
Tong Jingwei *see* Zhang Dongsheng 4115
Tong Jinwei *see* Jinwei Tong
Tong Lang *see* Lang Tong
Tong Lee Shuit *see* Shuit Tong Lee
Tong Lee-Ing *see* Lee-Ing Tong
Tong Li *see* Li Tong
Tong Lijun *see* Lijun Tong
Tong Liu, Xiaotao Chen, Lombardi, F., Salinas, J. Layout-driven detection of bridge faults in interconnects 32514
Tong Mei *see* Zhao Yiqiang 8716
Tong Ming-Sze *see* Ming-Sze Tong
Tong Qi *see* Guiqing He 16061
Tong Qin-Yi *see* Qin-Yi Tong
Tong Qinyi *see* Niu Mengnian 12964
Tong Ruofeng *see* Wang Guozhao 52532
Tong Sheau-Ru *see* Sheau-Ru Tong
Tong Shi, Kieffer, J. On the use of splitting vectors with zero components for constrained encoder design 4496
Tong Shibai *see* Wei Naihong 11613
Tong Sun *see* Sun Tong
Tong Tiaosheng *see* Tiaosheng Tong
Tong Wang Shuming *see* Shuming Tong Wang
Tong Wei *see* Wei Tong
Tong Xiangqian, Yu Jianming, Su Wencheng The principle of generating voltage flicker signal 19046
Tong Xiao *see* Xiao Tong
Tong Xiaolin *see* Xiaolin Tong
Tong Yi-Cheng *see* Liu Si-Min 43988
Tong Yu, Boone, J.M. Lens coupling efficiency: derivation and application under differing geometrical assumptions 49509
Tong Yu, Sabol, J.M., Seibert, J.A., Boone, J.M. Scintillating fiber optic screens: a comparison of MTF, light conversion efficiency, and emission angle with Gd_2O_2S:Tb screens 49421
Tong Yu *see* Boone, J.M. 8028
Tong Yufeng *see* Yufeng Tong
Tong Yuzhen, Zhang Guoyi, Jin Sixuan, Yang Zhijian, Dang Xiaozhong, Wang Shumin Low temperature photoluminescence properties of

InGaN films grown on (0 1 $\bar{1}$ 2) Al_2O_3 AND (0 0 0 1) Al_2O_3 substrates by low pressure MOVPE 54082
Tong Zhang *see* Zhang Tong
Tong Zili *see* Lu Zhongrong 28489
Tong-Ha Kim, Jung-Suk Lee, Kyeng-Yong Kang, Oh-Il Kwon, Tae-Won Rhee Digital signal processing of automatic color control in VCR 7095
Tong-Ha Kim, Tae-Won Rhee Digital signal processing of automatic frequency control in VCR 7096
Tong-Heng Lee *see* Jian-Xin Xu 50940
Tong-Li Wei *see* Ming Qin 12080
Tong-Li Wei *see* Zhi-Xiong Xiao 54034
Tong-Lo Yu *see* Hsin-Min Wang 34700
Tong-Long Huang *see* Jow-Tsong Shy 13977
Tong-Ying Juang *see* Yu-Chee Tseng 57685
Tongbi Jiang *see* Ahmad, S.S. 20938
Tonghua Chen *see* Chen Tonghua
Tongli Wei *see* Wei Tongli
Tongshun Shi *see* Shi Tongshun
Tongshuo Bai *see* Bai Tongshuo
Tongsima, S., Sha, E.H.-M., Passos, N.L. Communication-sensitive loop scheduling for DSP applications 56571
Tongsima, S. *see* Surma, D.R. 25216
Tongu, H. *see* Tomimasu, T. 33583
Tonguu, H. *see* Dewa, H. 37141
Tonguu, H. *see* Shirai, T. 37142
Tonguz, O.K., Tanrikulu, O.M., Kazovsky, L.G. Performance of coherent ASK lightwave systems with finite intermediate frequency 47923
Tongwen Chen Nonuniform multirate filter banks: analysis and design with an $\mathcal{H}_\infty$ performance measure 45740
Tongwen Chen, Li Qiu Linear periodically time-varying discrete-time systems: aliasing and LTI approximations 45819
Tongwen Chen *see* Huang Shu 1554
Tongwen Chen *see* Huang Shu 34731
Tongwen Chen *see* Rafee, N. 19079
Tonielli, A. Technologies and methodologies for motion control 45787
Tonielli, A. *see* Bonivento, C. 9594
Tonielli, A. *see* Bonivento, C. 29731
Tonietti, A. *see* Butto, M. 5702
Tonietto, D. *see* Liberali, Y. 7484
Tonini, R., Monelli, A., Corni, F., Frabboni, S., Ottaviani, G., Queirolo, G. Silicon interstitials generation during the exposure of silicon to hydrogen plasma 54385
Tonini, R. *see* Sassella, A. 30915
Toniolo, S. *see* Bianco, A. 47496
Tonisch, F. *see* Lorenz, R. 49123
Tonissen, S.M., Evans, R.J. Peformance of dynamic programming techniques for Track-Before-Detect 6980
Tonjes, R. Control of scene reconstruction using explicit knowledge 25455
Tonkin, B.A., Hosking, M.W. The dielectric constant and thermal expansion of the ceramic-filled plastic RT Duroid at low temperatures 10953
Tonkinson, J., Gazey, B. School children's and industrialists' attitudes towards engineering and manufacturing 39613
Tonkovic, I. *see* Tonkovic, S. 59610
Tonkovic, S., Bego, U., Petrak, T. Comparison of meat composition assessment using two and four electrode techniques 37795
Tonkovic, S., Tonkovic, I., Petrunic, M. Modelling tissue pressure changes in lower extremities 59610
Tonkovic, S. *see* Vrcek, N. 37793
Tonkovic, Z. Current problems of the South Croatian subsystem exploitation 60185
Tonner, B.P. *see* Brundle, C.R. 43178
Tonnerre, J.C. *see* Dieumegard, D. 53928
Tonnes, M. *see* Rasmussen, H. 9244
Tonnes, M. *see* Rasmussen, H. 51694
Tonnes, M. *see* Thogersen, P. 61136
Tonnesen, T. *see* Noetzel, J. 13168
Tono, H. *see* Oguri, Y. 33250
Tono-oka, Y. *see* Okada, T. 22658
Tonokawa, M. *see* Hatta, E. 54311
Tonomura, A. *see* Tanji, T. 4113
Tonomura, F. *see* Nagai, H. 36323
Tonomura, Y. *see* Minami, K. 58593
Tonon, G. *see* Seki, M. 11644
Tonon, M. *see* Huet, C. 60011
Tonooka, Y. *see* Kuribayashi, M. 11057
Tonouchi, M., Itoh, A., Yasuda, T., Shimakage, H., Zhen Wang, Takano, S. Intrinsic Josephson effects in 60-K phase YBCO thin film mesas 43765
Tonouchi, M., Tani, M., Wang, Z., Sakai, K., Wada, N., Hangyo, M. Novel terahertz radiation from flux-trapped $YBa_2Cu_3O_{7-\delta}$ thin films excited by femtosecond laser pulses 43745
Tonova, D. *see* Konova, A. 37314
Tonoya, N. *see* Sugisaka, M. 7427
Tonoya, Y. *see* Honda, M. 24354
Tonshoff, H.K., Soehner, C., Isensee, G. Vision-guided tripod material transport system for the packaging industry 57152
Tonshoff, H.K., Stegmann, A. ERF based precision linear drive system 9465
Tonucci, R.J., Pearson, D.H., Katzer, D.S., Rosenberg, A., Dietrich, H.B. Nanoscale patterning using nanochannel glass replica films 32327
Tonucci, R.J. *see* Berry, A.D. 12375
Tonucci, R.J. *see* Hsu, J.W.P. 55167
Tonutti, M. *see* Adam, A. 37280
Tony, E.S., Chaudhuri, S.K. Electromagnetic modeling of optical guided-wave controlled microstrip circuits 21894
Tony Tan Kok Keong *see* Tan Kok Keong Tony
Too Chee *see* Chee Too
Toogood, R.W. *see* Shariat-Panahi, M. 10365
Tooker, J.F. *see* Callis, R.W. 22178
Tool, C.J.J. *see* van Roosmalen, J.A.M. 39028
Toole, M.T. *see* Glenn, T. 8706
Tooley, F.A.P. Challenges in optically interconnecting electronics 3655
Tooley, F.A.P., Shang, A.Z., Roberton, B. Alignment tolerant smart pixels 33333
Tooley, F.A.P. *see* Shang, A.Z. 36174
Toomarian, N.B. *see* Gat, N. 57372
Toomey, F. *see* Duffield, N.G. 5674
Toomi, N. *see* Ohshima, Y. 18083
Toonstra, J., Kinsner, W. A radio transmitter fingerprinting system ODO-1 16534
Topa, V. *see* Auffray, E. 37281
Topic, M., Smole, F., Furlan, J. Bias-controlled three-color a-Si:H detectors 7328
Topic, M., Smole, F., Furlan, J. Defect pool density-of-states model in numerical modelling of a-Si:H structures 31879
Topic, M., Smole, F., Furlan, J. Effects of μc-Si p layer on p-i-n a-Si:H solar cell performance 39143
Topic, M., Smole, F., Furlan, J., Fortunato, E., Martins, R. Analysis of front contact heterojunction in a-Si:H one-dimensional position sensitive detectors 48533
Topic, M. *see* Furlan, J. 39142
Topinka, M.A. *see* Eriksson, M.A. 31948
Topiwala, P.N. HVS-motivated quantization schemes in wavelet image compression 35252
Topkov, A.N. *see* Gurin, O.V. 44335
Topkov, A.N. *see* Yepishin, V.A. 3927
Topolski, T.A. *see* Swenson, D.A. 49027
Topolyuk, Yu. P. *see* Andriychuk, M.I. 45363
Toporkov, J.V., Brown, G.S. Study of radar imaging of one-dimensional Gaussian random surface 36236
Toporkov, J.V., Brown, G.S. Radar imaging of a simple model of non-Gaussian one-dimensional random surface 36237
Toporov, V.V. *see* Bairamov, B.H. 3745
Toporova, V.G. *see* Klochkov, E.R. 38491
Toporowsky, M. *see* Braunschweig, W. 7808
Topper, M., Wolf, J., Glaw, V., Buschick, K., Dabek, A., Dietrich, L., Ehrmann, O., Reichl, H. MCM-D with embedded active and passive components 53855
Topper, M. *see* Hahn, R. 52278
Topping, B.H.V. *(editor)* Advances in Finite Element Technology 10562
Topping, M. *see* Makin, J. 49807
Toppozada, A.R., Wright, J., Eldefrawi, A.T., Eldefrawi, M.E., Johnson, E.L., Emche, S.D., Helling, C.S. Evaluation of a fiber optic immunosensor for quantitating cocaine in coca leaf extracts 58859
Toptygina, G.I. *see* Pulkin, S.A. 24114
Torabi, A. *see* Hoke, W.E. 42150
Torak, L. *see* Szasz, K. 15747
Torassa, E. *see* Arisaka, K. 37239
Torassa, E. *see* Arisaka, K. 37460
Toratani, H., Xuelu Zou, Matsumoto, Y. Fluoride glasses for 193 nm optics 32967
Torazawa, K., Sumi, S., Yonezawa, S., Suzuki, N., Tanaka, Y., Takahashi, A., Murakami, Y., Ohta, N. Key technologies to realize magneto-optical storage of over 7 GBytes in CD-sized disk 44121
Torazawa, K. *see* Awano, H. 23354
Torazawa, K. *see* Murata, S. 48249
Torborg, J., Kajiya, J.T. Talisman: commodity real-time 3D graphics for the PC 15493
Torcato, J. (Inter)working together the (he)art of success 26184
Torczon, V. On the convergence of pattern search algorithms 40111
Torek, K., Mieckowski, A., Ruzyllo, J. Evolution of Si surfaces after anhydrous HF:CH_3OH etching 42469
Torelli, G. *see* Calligaro, C. 21685
Torelli, G. *see* Calligaro, C. 21686
Torelli, G. *see* Fiocchi, C. 21668
Torelli, G. *see* Perez-Aloe, R. 21799
Torgashov, G.V. *see* Gulyaev, Yu.V. 53897
Torguet, R. *see* Hawat, T. 38067
Torihata, S. *see* Nonaka, I. 19542
Torii, A., Takizawa, M., Sasahara, K. Development of flip chip bonding technology using anisotropic conductive film 16634
Torii, C. *see* Nakajima, H. 7024
Torii, K., Kawakami, H., Miki, H., Kushida, K., Fujisaki, Y. Properties of ultra-thin lead zirconate titanate thin films prepared by ozone jet reactive evaporation 30933
Torii, K., Shoji, K., Kawakami, H., Kumihashi, T., Itoga, T., Yokoyama, N., Moniwa, M., Kaga, T., Fujisaki, Y. Process and properties of one-mask patterned ferroelectric integrated capacitor 55001
Torii, K. *see* Kushida-Abdelghafar, K. 2959
Torii, K. *see* Matsui, Y. 55006
Torii, K. *see* Miki, H. 54916
Torii, K. *see* Sakata, T. 1391
Torii, N. *see* Satonobu, J. 9277
Torii, S., Osabe, H., Watada, M., Ebihara, D. Investigation for the design of electromagnet for the levitation of thin iron plate 61243
Torii, S. *see* Abe, Y. 4211
Torii, S. *see* Sugimoto, M. 52854
Torii, T. *see* Ohsako, N. 40167
Torii, T. *see* Yoshida, M. 37288
Torikai, T., Takesue, T., Nagamura, Y., Kubota, K., Kudoh, T., Akaiwa, Y. High speed data communication through distribution power line with differential phase shift keying 58094
Torikai, T. *see* Muroya, Y. 33536
Torikai, T. *see* Nakamura, T. 55668
Torikai, T. *see* Yamada, H. 17073
Torikai, T. *see* Yamada, H. 58287
Torioka, T. *see* Mizukami, Y. 25709
Toriu, T. *see* Kato, K. 57202
Toriumi, A. Beyond CMOS scaling 2833
Toriumi, A. 0.1 μm complementary metal-oxide-semiconductors and beyond 22838
Toriumi, A. *see* Koga, J. 2743
Toriumi, A. *see* Koga, J. 42933
Toriumi, A. *see* Koga, J. 54662
Toriumi, A. *see* Ohata, A. 22801
Toriumi, A. *see* Takagi, S. 43334
Toriumi, A. *see* Tanamoto, T. 54894
Toriumi, R., Tai, H., Takeuchi, N. Tunable solid-state blue laser differential absorption lidar system for NO_2 monitoring 50214
Toriwaki, J. *see* Mori, K. 15988
Toriwaki, J. *see* Saito, T. 4945
Toriwaki, J. *see* Yasue, M. 7858
Toriwaki, J.-I. *see* Ichikawa, Y. 48908
Toriwaki, J.-I. *see* Matsusaka, M. 49452
Toriyama, H. Context number reduction for entropy coding of octree represented 3-D objects 46127
Toriyama, K. *see* Fujiuchi, S. 10074
Torizuka, K., Takada, H., Miyazaki, K. Femtosecond Ti:sapphire laser oscillators 23856
Torizuka, K., Takada, H., Miyazaki, K. Low-threshold self-mode-locked Ti:sapphire laser with double dispersion compensators 44418
Torizuka, K., Yamashita, M. Passively mode-locked femtosecond-pulse laser frequency-dependent group-velocity dispersion 23770
Torizuka, K. *see* Takada, H. 23857
Torizuka, K. *see* Takada, H. 23858
Torizuka, K. *see* Yamashita, M. 24167
Torkar, D., Pavesic, N. Feature extraction from aerial images and structural stereo matching 5655
Torkar, K., Fehringer, M., Rudenauer, F., Grard, R.J.L., Riedler, W. Necessity and feasibility of spacecraft potential control in the Hermean magnetosphere 59857
Torki, K. *see* Courtois, B. 52126
Torkkola, K. Blind separation of delayed sources based on information maximization 24879
Torkler, M. *see* Bruenger, W.H. 22715
Torlak, M., Guanghan Xu Performance of CDMA smart antenna systems 6663
Torlak, M., Guanghan Xu Blind multiuser channel estimation in asynchronous CDMA systems 25893
Torlak, M., Guanghan Xu, Hui Liu An improved signature waveform approach exploiting pulse shaping information in synchronous CDMA systems 6553
Torlak, M., Guanghan Xu, Hui Liu A self-recovery scheme in anti-jamming communications 25829
Torma, P., Stenholm, S. Quantum logic using polarized photons 33177
Torma, S., Syrjanen, M. Product and activity relationships in project deliveries 20809
Tormin, U. *see* Krohn, H. 9508
Tornai, M.P., Hoffman, E.J., MacDonald, L.R., Levin, C.S. Characterization of fluor concentration and geometry in organic scintillators for in situ beta imaging 28238
Tornai, M.P. *see* Levin, C.S. 59498
Tornai, M.P. *see* Patt, B.E. 37344
Tornambe, A. *see* Bona, B. 23258
Tornello, J.A. *see* Acosta, R.E. 38760
Torner, L., Petrov, D.V. Azimuthal instabilities and self-breaking of beams into sets of solitons in bulk second-harmonic generation 44736
Torner, L. *see* Balslev Clausen, C. 44700
Torner, L. *see* Mihalache, D. 55817
Torner, L. *see* Mihalache, D. 55887
Torner, L. *see* Stegeman, G.I. 14320
Tornow, C. Fractal geometry for atmospheric correction and canopy simulation 18839
Tornow, C. *see* Borel, C.C. 18796
Tornow, M., Weiss, D., Manolescu, A., Menne, R., v. Klitzing, K., Weimann, G. Even-odd filling-factor switching in one-dimensional lateral superlattices 22414
Toro, C. *see* Gerloff, C. 59642
Toroi, T. *see* Pousi, T. 1186
Torok, E.J. *see* Chun, C.S.L. 17510
Toronen, J. *see* Perala, J. 18549
Toropov, A.I. *see* Demyanenko, M.A. 17372
Toropov, V.I. *see* Pusep, Y.A. 42127
Toropova, L.A. *see* Vakhrushev, S.G. 59781
Torp, H. Clutter rejection filters in color flow imaging: a theoretical approach 59419
Torquato, S. *see* Aksay, I.A. 2997
Torquato, S. *see* Gibiansky, L.V. 50211
Torr, P.H.S., Zissermann, A. Performance characterization of fundamental matrix estimation under image degradation 46331

Torralba, A., Chavez, J., Franquelo, L.G. Circuit performance modeling by means of fuzzy logic 1064
Torralba, A. *see* Barrero, F. 51001
Torralba, A. *see* Galvan, E. 20109
Torralba, B., Achkar, J. Development of new microcalorimeters in the frequency range 40-75 GHz 27299
Torrance, J.M., Didascalon, D., Hanzo, L. The potential and limitations of adaptive modulation over slow Rayleigh fading channels 47827
Torrance, K.E. *see* Fisher, T.S. 264
Torrance, K.E. *see* Fisher, T.S. 30209
Torrance, K.E. *see* Sikka, K.K. 255
Torras, C. *see* Wells, G. 5478
Torre, A. *see* Bombaci, O. 16873
Torre, A. *see* Dattoli, G. 3914
Torre, A. *see* Guoqing Liu 8303
Torre, A. *see* Liu, G. 58440
Torre, A. *see* Yongjian, Y. 36215
Torre, A.De La *see* De La Torre, A.
Torre, C.De La *see* De La Torre, C.
Torre, E.D.Della *see* Della Torre, E.D.
Torre, E.de la *see* de la Torre, E.
Torre, E.Della *see* Della Torre, E.
Torre, L.de la *see* de la Torre, L.
Torre, V. *see* Giachetti, A. 46322
Torre, W.V. *see* Agarwal, S.K. 60333
Torre Munilla, C.de la *see* de la Torre Munilla, C.
Torrealba, V. *see* Bosnjak, A. 49529
Torrealba, V. *see* Linares, P. 49439
Torrecilla, J.C. *see* Villarrubia, L. 15033
Torremans, E. *see* Brosio, A. 26856
Torren, L.Van den *see* Van den Torren, L.
Torrens, J.J. *see* Parra, M.C. 525
Torrens, R. *see* Sammes, N. 51534
Torrent, M.C. *see* Dellunde, J. 33550
Torres, C.M.S. *see* Darhuber, A.A. 12449
Torres, C.M.S. *see* Guasch, C. 44217
Torres, C.M.S. *see* Wang, P.D. 12490
Torres, C.M.Sotomayor *see* Sotomayor Torres, C.M.
Torres, E.J. *see* Root, S.D. 38577
Torres, F., Camps, A., Bara, J., Corbella, I. Impact of receiver errors on the radiometric resolution of large two-dimensional aperture synthesis radiometers 58683
Torres, F., Jecko, B. Complete FDTD analysis of microwave heating processes in frequency-dependent and temperature-dependent media 29879
Torres, F., Pastrana, J., Colon, R., Delgado, E., Ray, B. Low temperature characterization of CMOS operational amplifier ICs 11199
Torres, F., Vaudon, P., Jecko, B. Application of fractional derivatives to the FDTD modeling of pulse propagation in a Cole-Cole dispersive medium 24446
Torres, F. *see* Aguilar, J.J. 35319
Torres, F. *see* Camps, A. 28653
Torres, F. *see* Camps, A. 60014
Torres, G.L., Quintana, V.H. Optimal power flow via interior point methods: an educational tool in Matlab 19066
Torres, I.R.De *see* De Torres, I.R.
Torres, J., Cisneros, J.I., Gordillo, G., Alvarez, F. A simple method to determine the optical constants and thicknesses of $Zn_xCd_{1-x}S$ thin films 31841
Torres, J., Mermet, J.L., Madar, R., Crean, G., Gessner, T., Bertz, A., Hasse, W., Plotner, M., Binder, F., Save, D. Copper-based metallization for ULSI circuits 12805
Torres, J. *see* Bourhila, N. 40646
Torres, J. *see* Brand, F. 42641
Torres, J. *see* Gravier, T. 43351
Torres, J. *see* Jongste, J.F. 40647
Torres, J. *see* Labiadh, A. 42645
Torres, J. *see* Marcadal, C. 40645
Torres, J. *see* Save, D. 42725
Torres, J. *see* Tardif, F. 42601
Torres, J.P., Joao Rosario, M., Costa Freire, J. Double balanced single side band mixer for millimeter wave mobile communications 36022
Torres, J.P., Joao Rosario, M., Costa Freire, J. Multifunction MMIC for millimeter wave mobile communications 36023
Torres, K. *see* Speranza, T. 22503
Torres, L., Walz, F., Iniguez, J., Kronmueller, H. Magnetic aftereffects in single and polycrystalline yttrium iron garnet 55033
Torres, L. *see* Casas, J.R. 25439
Torres, L. *see* Hernandez, P. 3161
Torres, L. *see* Moraes, F. 13070
Torres, L. *see* Pillement, S. 11438
Torres, L.C.Molina *see* Molina Torres, L.C.
Torres, M. *see* Calvo, I.J. 30411
Torres, P., Guzman, A.M. Complex finite-element method applied to the analysis of optical waveguide amplifiers 44414
Torres, P. *see* Fischer, D. 39129
Torres, P. *see* Keppner, H. 39031
Torres, R.E., Butter, I.H. The impact of EEG technology on health manpower 37801
Torres, S., Canon, V., Casas, R., Umana, A., Tello, C., Villela, T., Bersanelli, M., Bensadoun, M., De Amici, G., Limon, M., Smoot, G., Witebsky, C. The GEM project: an international collaboration to survey Galactic radiation emission 36292
Torres, S.M.S. *see* Krestnikov, I.L. 42141
Torres, T. *see* Rojo, G. 43891
Torres B., M.A., Verde, C. Real time parameters estimation of an induction motor 9226
Torres-Cisneros, G.E. *see* Garcia-Quirino, G.S. 33678
Torres-Delgado, G. *see* Diaz-Arencibia, P. 2141
Torres-Moreno, E.F. *see* Fabregat-Gesa, R. 26260
Torres-Silva, H., Reggiani, N., Sakanaka, P.H. Electromagnetic properties of a chiral-plasma medium 45008
Torretta, G.M. *see* Bradlow, A.R. 24858
Torrey, D.A. *see* Elasser, A. 21483
Torrey, D.A. *see* Hassanin, M. 29275
Torrez, W.C. *see* Yssel, W.J. 27082
Torri, G. Electrical drive and energy saving 29729
Torri, G. *see* Feudale, F. 61361
Torri, G. *see* Kranenburg, R.A. 61144
Torri, G. *see* Numeroli, R. 51706
Torri, K. *see* Shoji, K. 1356
Torri, T. *see* McCluskey, F.P. 318
Torri, T.C. *see* McCluskey, P. 52257
Torriano, D. *see* Policastro, M. 29302
Torrisi, L., Ciavola, G., Saggio, M., Privitera, V., Rimini, E. RBS and ion channelling surface analysis by 8.0 MeV lithium beams 42383
Torroba, R., Henao, R., Carletti, C. Digital polarization-encoding technique for optical logic operations 13757
Torroba, R. *see* Henao, R. 59036
Torroja, Y. *see* Riesgo, T. 31065
Torroja, Y. *see* Ruiz, J.L. 11435
Torruellas, W., Lawrence, B., Stegeman, G.I. Self-focusing and 2D spatial solitons in PTS 3979
Torruellas, W. *see* Lawrence, B. 4089
Torruellas, W.E. *see* Assanto, G. 55858
Torruellas, W.E. *see* Fuerst, R.A. 24247
Torruellas, W.E. *see* Fuerst, R.A. 44743
Torruellas, W.E. *see* Giuseppe Leo 24105
Torruellas, W.E. *see* Leo, G. 24243
Torruellas, W.E. *see* Zuo Wang 33634
Torry, J.N. *see* Haghighi-Mood, A. 49435
Torry, J.N. *see* Haghighi-Mood, A. 49535
Torshin, Y. *see* Badent, A. 23150
Torshin, Yu. Monochannel propagation mechanism in transformer oil at low breakdown probabilities 23234
Torshin Yu *see* Yu Torshin
Torsi, G. *see* Reschiglian, P. 40870
Torsi, L., Dodabalapur, A., Rothberg, L.J., Fung, A.W.P., Katz, H.E. Intrinsic transport properties and performance limits of organic field-effect transistors 2618
Torsi, L., Dodabalapur, A., Rothberg, L.J., Fung, A.W.P., Katz, H.E. Performance limits of organic transistors 2725
Torsi, L. *see* Dodabalapur, A. 13020
Tortella, A. *see* Andriollo, M. 9645
Tortola, M. *see* Marti, J. 36093
Tortoli, P., Guidi, F. Detection of low velocities by a novel ultrasound multigate system 28191
Tortonese, M. Cantilevers and tips for atomic force microscopy 54838
Tortorella, F. *see* de Stefano, C. 5384
Tortorella, M. *see* Chun Kin Chan 52346
Tortosa, S. *see* Alsina, F. 41915
Torun, E. *see* Trabelsik, C. 6116
Torun, Y. *see* Fernow, R.C. 7737
Torun, Y. *see* Fernow, R.C. 17931
Torun, Y. *see* Palmer, R.B. 7736
Torun, Y. *see* Palmer, R.B. 17924
Torun, Y. *see* Palmer, R.B. 17966
Torzynski, M. *see* Harthong, T. 44753
Tosaka, Y., Satoh, S., Itakura, T., Suzuki, K., Sugii, T., Ehara, H., Woffinden, G.A. Cosmic ray neutron-induced soft errors in sub-half micron CMOS circuits 31269
Tosaka, Y., Satoh, S., Suzuki, K., Sugii, T., Ehara, H., Woffinden, G.A., Wender, S.A. Impact of cosmic ray neutron induced soft errors on advanced submicron CMOS circuits 2804
Tosaka, Y., Satoh, S., Suzuki, K., Sugii, T., Nakayama, N., Ehara, H., Woffinden, G.A., Wender, S.A. Measurements and analysis of neutron-reaction-induced charges in a silicon surface region 59209
Tosaki, T. *see* Ishiguro, M. 56192
Tosalli, M. *see* Barberis, S. 6622
Tosato, F. *see* Quaia, S. 8876
Tosato, F. *see* Quaia, S. 38338
Tosatti, E. *see* Martonak, R. 24158
Tosawa, T. *see* Runwei Cheng 1001
Toscano, A., Vegni, L. Evaluation of the resonant frequencies and bandwidth in microstrip antennas with a chiral grounded slab 45402
Toscano, A. *see* Urbani, F. 34123
Toscano, A. *see* Vegni, L. 24606
Toscano, A. *see* Vegni, L. 45280
Toscano, A. *see* Vegni, L. 45377
Toscano, A. *see* Vegni, L. 45408
Toschek, P.E. *see* Appasamy, B. 7141
Toschek, P.E. *see* Bohm, R. 23790
Toselli, A. A new family of exponential infinite elements for the analysis of lossless electromagnetic waveguides 24515
Tosh, I.A.J. *see* Lidiard, K.A. 8350
Toshida, N. *see* Yoshikawa, M. 50365
Toshihiko Noguchi, Seiji Kondo, Isao Takahashi Field-oriented control of an induction motor with robust on-line tuning of its parameters 38723
Toshihiro, A. *see* Tadayoshi, T. 29100
Toshima, N. *see* Tominaga, T. 33279
Toshima, T. *see* Adachi, M. 930
Toshimitsu, K. *see* Serizawa, M. 6312
Toshio, I. A 'gammachirp' function as an optimal auditory filter with the Mellin transform 15017
Toshio, I. *see* Takahira, O. 29119
Toshiro, K. *see* Tadaomi, S. 59827
Toshiyoshi, H., Fujita, H. Electrostatic micro torsion mirrors for an optical switch matrix 16818
Toshiyoshi, H., Fujita, H. Optical crossconnection by silicon micromachined torsion mirrors 44046
Tosic, D.V. *see* Lutovac, M.D. 53398
Toskala, A. *see* Hottinen, A. 6621
Tostado, S., Chow, J. Assembly process and solder joint integrity of the metal ball grid array (MBGA™) package 241
Toth, C.A. *see* Hammer, D.X. 59779
Toth, Cs. *see* Farkas, Gy. 4020
Toth, E. *see* Gal, L. 31600
Toth, F. *see* Bettin, H. 27220
Toth, F.N., Meijer, G.C.M., van der Lee, M. A new capacitive precision liquid-level sensor 27467
Toth, G., Lent, C.S., Tougaw, P.D., Brazhnik, Y., Weng, W., Porod, W., Liu, R.-W., Huang, Y.-F. Quantum cellular neural networks 31444
Toth, L. *see* Vikor, G. 18141
Totland, H., Galperin, Y. Giant oscillations of the acoustoelectric current in a quantum channel 54225
Totmeninov, E.M. *see* Gubanov, V.P. 54002
Totsuka, T. *see* Hirani, A.N. 56986
Totta, P.A. *see* Liu, C.Y. 22608
Totuka, H. *see* Nagata, H. 8314
Totzke, J. *see* Von Der Straten, G. 47260
Tou, K.W. *see* Xu, G.P. 20874
Tou, K.W. *see* Xu, G.P. 39779
Tou, T., Kwek, K., Ong, D. Operation and performance of a two-stage Blumlein transversely excited atmospheric nitrogen laser 3687
Tou, T.Y. *see* Ong, D.S. 3679
Tou Teckyong *see* Teckyong Tou
Touahri, D., Acef, O., Clairon, A., Zondy, J.-J., Felder, R., Hilico, L., de Beauvoir, B., Biraben, F., Nez, F. Frequency measurement of the $5S_{1/2}(F=3)$–$5D_{5/2}(F=5)$ two-photon transition in rubidium 14172
Touahri, D., Acef, O., Hilico, L., Nez, F., Clairon, A., Zondy, J.-J. Preliminary absolute frequency measurement of a diode laser locked to a two-photon hyperfine transition of rubidium at 385 THz 27264
Touahri, D., Acef, O., Zondy, J.-J. 30 THz upconversion of an AlGaAs diode laser using an $AgGaS_2$ crystal: bridging several THz frequency gap in the near-infrared 48332
Touahri, D. *see* de Beauvoir, B. 27263
Touba, N.A., McCluskey, E.J. Altering a pseudo-random bit sequence for scan-based BIST 40983
Toubanaki, L. *see* Hambakis, M.A. 19180
Touboul, A. *see* Charruau, S. 11043
Touboul, A. *see* Maneux, C. 2590
Touboul, P., Rodrigues, M., Willemenot, E., Bernard, A. Electrostatic accelerometers for the equivalence principle test in space 7591
Touchard, G. *see* Artana, G. 23230
Touchard, G. *see* Artana, G. 43576
Touchard, G. *see* Moreau, O. 29372
Touchard, G. *see* Moreau, O. 38789
Touchard, G. *see* Toureille, A. 13292
Touchard, G. *see* Watanabe, S. 24357
Touchard, G. *see* Watanabe, S. 40666
Touchard, G.G. *see* Chen, H. 23107
Touchi, K. *see* Onoda, H. 54523
Touchi, Y. *see* Hasegawa, K. 49054
Touchi, Y. *see* Mizumoto, M. 49053
Touchuan Huang *see* Hahn, K.H. 47336
Toufuku, K., Ishii, Y., Kondo, T., Yanagida, S., Akahoshi, Y. Development of fluorescent indicator panel module for public information 36808
Toug Minh *see* Minh Toug
Tougas, G. *see* Kamath, M.V. 37836
Tougaw, P.D. *see* Toth, G. 31444
Tough, R.J.A. *see* Blacknell, D. 48097
Tough, R.J.A. *see* Shaw, W.T. 4218
Toughlian, E.N. *see* Zmuda, H. 25629
Touhafi, A., Brissinck, W., Dirks, E.F. The implementation of a field programmable logic based co-processor for the acceleration of discrete event simulators 11511
Touhami, A. *see* Bouhdada, A. 54623
Touhami, A. *see* Bouhdada, A. 54659
Touhami, O., Ibtiouen, R., Guesbaoui, H. Model structures used in parametric identification for SISO systems: application to synchronous machine 60709
Touihri, S., Safoula, G., Bernede, J.C. Diode devices based on amorphous selenium films 54570
Touil, C.E. *see* Lebrun, D. 17481
Toulouse, A. *see* Nouet, P. 54807
Toulson, D.L., Boyce, J.F. Data fusion for target determination using a committee network 57537
Toulson, D.L., Boyce, J.F., Bernhardt, M., Welch, M. A probabilistic framework for tracking small objects in infra-red images 27688
Toumazou, C., Payne, A. Log-domain processing and its applications 43169
Toumazou, C. *see* Hovin, M. 21768
Toumazou, C. *see* Machado, G.A.S. 8159
Toumazou, C. *see* Mahattanakul, J. 21839
Toumia, S., Sakly, J., Hassine, S., Bouguila, N. A proposal for calculations of switching losses in a single phase, PWM VSI 19884

Toumois, P., Laude, V. Negative group velocities in metal-film optical waveguides 55239
Tounai, K., Aizaki, N. Resolution improvement of isolated line pattern in quarter micron level by layout optimized assistant pattern method 2503
Tounsi, P. *see* Dorkel, J.-M. 11184
Tounzi, A., Meibody-Tabar, F., Sargos, F.M. Vector control of a smooth stator reluctance machine taking into account saturation and damping effects 60718
Toups, M.F., Bessette, L.A., Binder, B.T. Foliage penetration data collections and investigations utilizing the P-3 UWB SAR 8656
Tour, J.M. *see* Schumm, J.S. 53820
Tourassi, G.D., Floyd, C.E., Sostman, H.D., Coleman, R.E. Performance evaluation of an artificial neural network for the diagnosis of acute pulmonary embolism using the cross-validation, jackknife, and bootstrap methods: a comparison study 59564
Tourassi, G.D. *see* Floyd, C.E., Jr. 49447
Tourassi, G.D. *see* Floyd, C.E., Jr. 57538
Toureille, A., Touchard, G., Richardson, T. Electrical double layer at dielectric liquid/solid interface. Space charge measurements using the thermal step methods 13292
Toureille, A. *see* Agnel, S. 32724
Toureille, A. *see* Amyot, N. 19351
Toureille, A. *see* Khalil, M.S. 32742
Toureille, A. *see* Malrieu, S. 32705
Toureille, A. *see* Vella, N. 32710
Toureille, K. *see* Castellon, J. 32689
Touriguian, M. *see* Verbauwhede, I. 31299
Tourlog, A., Wei Li, Achenbach, J.D. Line-focus acoustic microscopy measurements of elastic constants for materials with high acoustic velocities 18954
Tourne, J. Microvias, a new cost-effective interconnection technology 1821
Tourne, J. Microvias: A new cost-effective interconnection technology 11904
Tourneret, J.-Y. *see* Chabert, M. 8331
Tourneret, J.-Y. *see* Chabert, M. 25147
Tourneret, J.-Y. *see* Chabert, M. 34945
Tournes, C. *see* Shtessel, Y. 50284
Tourneur, P.Le *see* Le Tourneur, P.
Tournie, E., Brunet, P., Faurie, J.-P., Triboulet, R., Ndap, J.O. Molecular-beam epitaxy of high-quality ZnSe homo-epitaxial layers on solid-phase recrystallized substrates 770
Tournie, E., Trampert, A., Ploog, K.H. Interplay between growth mode and plastic relaxation of highly-mismatched InAs layers grown on (100) GaAs substrates by molecular-beam epitaxy 10715
Tournie, E. *see* Morhain, C. 22358
Tournois, P., Calisti, S., Doisy, Y., Bureau, J.M., Bernard, F. A 128x4 channels 1.5D curved linear array for medical imaging 28109
Toussaint, M. *see* Galiana, F.D. 19275
Toussaint, M.-J. Verification of the security of probabilistic cryptographic protocols 24681
Toutain, S. *see* Le Berre, D. 24054
Toutounian, F. The use of the CADNA library for validating the numerical results of the hybrid GMRES algorithm 40165
Touw, S.I.E., Herben, M.H.A.J. Short-term frequency scaling of clear-sky and wet amplitude scintillation 14612
Touzi, R., Lopes, A., Vachon, P.W. Estimation of the coherence function for interferometric SAR applications 16872
Touzni, A., Fijalkow, I., Treichler, J.R. Fractionally-spaced CMA under channel noise 25800
Touzni, A. *see* Fijalkow, I. 25805
Tovar, A. *see* Brownson, R. 39932
Tovar, A.A., Casperson, L.W. Generalized beam matrices. IV. Optical system design 55364
Tovar, E. *see* Carvalho, A. 47063
Tovar, E. *see* Lederhofer, A. 57858
Tovar, O.H., Prokopczuk, A., Jones, J.L. Effect of epinephrine on frequency content of ventricular fibrillation and probability of spontaneous defibrillation 59731
Tovbin, B.S. *see* Shirobokov, A.M. 17483
Tovey, C. *see* Pendurkar, R. 1862
Tovey, C.A. *see* Ammons, J.C. 52170
Tovmasyan, K. *see* Deksnis, G. 8986
Tovo, R. *see* Bisoffi, G. 49154
Tovornik, B. *see* Gradisnik, D. 58693
Tow Chong Chong *see* Wei Xing Hou 14300
Tow Chong Chong *see* Zhuang Zhuo 33071
Towe, B.C. Investigation of a Lorentz force biomagnetometer 59533
Towe, E. *see* Ozbay, E. 58754
Towe, E. *see* Ramos, P.A. 4052
Towe, E. *see* Ramos, P.A. 14094
Towe, T. *see* Chauvet, M. 24104
Tower, J. *see* Lang, F. 27671
Towers, D.P. *see* Valera, J.D.R. 7595
Towers, M.S. *see* Mawby, P.A. 42977
Towheed, S.S. *see* Mathews, G.J. 6146
Towhidnejad, M., Garland, D.J., Muller, J.K. A hybrid reasoning system for traffic flow managers 59988
Towhidnejad, M. *see* Muller, J.K. 59989
Towill, D.R. Successful business systems engineering. I. The systems approach to business processes 39654
Towill, D.R. The seamless supply chain–the predator's strategic advantage 52097
Towler, M.J. *see* Waterworth, T.F. 54989
Towne, D. *see* Abbott, J. 196
Towne, D.A. *see* Galton, I. 1550
Towns, K. *see* Friend, R.H. 23669
Towns, K. *see* Friend, R.H. 44224
Townsend, D.W. *see* Bailey, D.L. 28232
Townsend, D.W. *see* Defrise, M. 49502
Townsend, J.K. *see* Freebersyser, J.A. 5713
Townsend, J.K. *see* Freebersyser, J.A. 5819
Townsend, J.N. *see* Johnson, M.J. 5834
Townsend, P., Olivares, J. Laser processing of insulator surfaces 44840
Townsend, P. *see* Mills, M.E. 43424
Townsend, P.D. Quantum cryptography on multi-user optical fibre networks 26716
Townsend, P.D. Simultaneous quantum cryptographic key distribution and conventional data transmission over installed fibre using wavelength-division multiplexing 36090
Townsend, P.D. *see* Herreros, B. 13638
Townsend, P.D. *see* Herreros, B. 13666
Townsend, T. *see* Jennings, C. 50845
Townsley, L.K., Powell, F.R., MacKay, J.F., Lagally, M.G., Nousek, J.A., Garmire, G.P. Transmission maps of the ACIS UV/Optical Blocking Filters 27681
Towsley, D., Kurose, J., Pingali, S. A comparison of sender-initiated and receiver-initiated reliable multicast protocols 57616
Towsley, D. *see* Casetti, G. 6257
Toy, H. *see* McHerron, D. 304
Toy, M. *see* Bieser, F. 59307
Toya, A. *see* Hirose, H. 28897
Toya, M. *see* Saitoh, T. 52250
Toya, T. *see* Fujikawa, M. 12024
Toya, T. *see* Taki, K. 27433
Toyabe, T. *see* Matsumoto, Y. 43162
Toyada, F. *see* Yamanashi, M. 39232
Toyama, H., Matsukiyo, H., Shiiki, M., Komatsu, M. Improvement on the linearity of blue phosphor: evaluation of hexagonal ZnS:Ag,Al 13826
Toyama, K., Tanifuji, M. Imaging a computational process in the visual cortex 15660
Toyama, S., Takahashi, H. Analysis of wake fields on TWRR accelerator structure in PNC 49090
Toyama, T., Matsui, T., Hiratsuka, K., Okamoto, H., Hamakawa, Y. Electroluminescence and avalanche multiplication at electric field strength exceeding 1 MV/cm in hydrogenated amorphous SiC alloy 22277
Toyama, T. *see* Abel, C.-D. 3616
Toyama, T. *see* Sato, H. 59166
Toyoda, A. *see* Sasaki, M. 57509
Toyoda, F. *see* Fukuda, K. 31903
Toyoda, H. *see* Kobayashi, Y. 25617
Toyoda, I., Hirano, M., Nishikawa, K., Kamogawa, K. Fundamental circuit technology for three-dimensional MMICs 31520
Toyoda, I., Tokumitsu, T., Aikawa, M. Highly integrated three-dimensional MMIC single-chip receiver and transmitter 21953
Toyoda, I. *see* Aikawa, M. 31519
Toyoda, I. *see* Nishikawa, K. 31522
Toyoda, I. *see* Onodera, K. 21957
Toyoda, I. *see* Tokumitsu, T. 31523
Toyoda, J. *see* Saitoh, H. 38264
Toyoda, K. Bibliography of ferroelectrics 9809
Toyoda, K. *see* Ezaki, M. 867
Toyoda, K. *see* Ezaki, M. 13795
Toyoda, K. *see* Ilev, I. 36888
Toyoda, K. *see* Ilev, I.K. 55528
Toyoda, K. *see* Ilev, I.K. 58796
Toyoda, K. *see* Jyumonji, M. 12633
Toyoda, M., Toyoshima, M., Takahashi, T., Shikatani, M., Arimoto, Y., Araki, K., Aruga, T. Ground to ETS-VI narrow laser beam transmission 6785
Toyoda, M. *see* Araki, K. 6783
Toyoda, M. *see* Toyoshima, M. 8498
Toyoda, N. *see* Matsuo, J. 22582
Toyoguchi, Y. *see* Ito, S. 61037
Toyohara, A., Okuno, H., Itabashi, M., Oguma, T., Yokoyama, J., Iwano, T. Optical fiber amplifier for multi-channel transmission 47983
Toyoizumi, H. *see* Yokoi, H. 35434
Toyokawa, H., Uritani, A., Mori, C., Yoshizawa, M., Takeda, N., Kudo, K. Neutron spectrometer with position-sensitive proportional counters 37522
Toyokura, M. *see* Yasuda, M. 46451
Toyomasu, S. *see* Watanabe, K. 26211
Toyonaga, A. *see* Iwao, T. 37645
Toyonaka, T. *see* Sagawa, M. 14108
Toyonaka, T. *see* Sagawa, M. 55669
Toyooka, S., Hayasaka, N. Two-dimensional spectral analysis using broad-band filters 58830
Toyooka, S. *see* Hayasaka, N. 5028
Toyooka, S. *see* Kadono, H. 7626
Toyooka, S. *see* Matsumoto, S. 33782
Toyosawa, K. *see* Isobe, Y. 17715
Toyosawa, K. *see* Tajima, N. 52218
Toyosawa, N. *see* Tanaka, K. 2065
Toyoshima, H., Kuhara, S., Takeda, K., Nakamura, K., Okamura, H., Takada, M., Suzuki, H., Yoshida, H., Yamazaki, T. A 6-ns, 1.5-V, 4-Mb BiCMOS SRAM 1333
Toyoshima, H., Takei, H. Optimization of cascade structure of IIR digital filters using genetic algorithm 21815
Toyoshima, H. *see* Suzuki, H. 21673
Toyoshima, H. *see* Yahata, H. 53296
Toyoshima, M., Fukazawa, T., Toyoda, M., Shikatani, M., Takahashi, T., Araki, K., Arimoto, Y., Aruga, T. Measurements of background noise from the Earth surface using the ETS-VI/LCE 8498
Toyoshima, M., Ogura, K., Shimazaki, T. Start of multimedia home shopping services by an electronic commerce system 16415
Toyoshima, M. *see* Araki, K. 6783
Toyoshima, M. *see* Toyoda, M. 6785
Toyoshima, T. *see* Minami, K. 49639
Toyoshima, Y. *see* Kondo, M. 857
Toyota, K. *see* Miyamoto, M. 2800
Toyota, T., Peng Chen Sequential fuzzy diagnosis method and identification method of membership function by probability and possibility theories 20972
Toyota, T. *see* Peng Chen 39919
Tozaki, T., Kawata, Y., Niki, N., Ohmatsu, H., Eguchi, K., Moriyama, N. 3D image analysis of the lung area using thin section CT images and its application to differential diagnosis 59516
Tozer, T.C. *see* Baines, S.J. 5815
Tozer, T.C. *see* Chambers, C. 15341
Tozer, T.C. *see* Pearce, D.A.J. 35902
Tozser, P. *see* Vasudevan, K. 56464
Tozumenko, V.T. *see* Kostrov, L.S. 34093
Tozune, A. *see* Sakamoto, M. 60814
Tozzi, C.L. *see* Galo, M. 57237
Trabelsi, C., Yongacoglu, A. Effect of bit-to-bit dependence on packet error rate using asynchronous DS-CDMA for mobile packet radio networks 16556
Trabelsi, S. *see* Kraszewski, A.W. 36842
Trabelsik, C., Torun, E. Physical layer design alternatives for outdoor high speed wireless local area network 6116
Trabzon, L., Awadelkarim, O.O., Werking, J., Bersuker, G., Chan, D. Sinusoidal AC stressing of thin-gate oxides and oxide/silicon interfaces in 0.5-μm n-MOSFETs 12937
Trabzon, L., Awadelkarim, O.O., Werking, J., Bersuker, G., Chan, Y.D. Comparison between direct current and sinusoidal current stressing of gate oxides and oxide/silicon interfaces in metal-oxide-silicon field-effect transistors 32393
Tracey, M.C. Microfluidic instrumentation for microvascular research 28076
Trachtenberg, I. *see* Bushman, S. 42542
Traci, A. *see* Di Cocco, G. 59368
Tracinski, W.A., Applewhite, A.Z. Short circuit testing of a nickel-hydrogen cell for compliance with range safety requirements 59956
Track, E. *see* Yi-Hua Tang 36361
Tracogna, S. Implementation of two-step Runge-Kutta methods for ordinary differential equations 10521
Tracy, B.T. *see* Zhang, J. 8414
Tracy, M., Fu-Kuo Chang Identifying impact load in composite plates based on distributed piezoelectric sensor measurements 7298
Tracy, M., Youn-Seo Roh, Fu-Kuo Chang Impact damage diagnostics for composite structures using built-in sensors and actuators 10969
Tracy, M.D. *see* Boehly, T.R. 14086
Traeankle, G. *see* Fujii, K. 12464
Traenkle, G. *see* Nagasawa, H. 12882
Traerup, J. *see* Carlsen, H. 29654
Traff, H. The spiral approach in teaching: a matter of being understood 9882
Traff, H. *see* Loulou, M. 53365
Trager, D. *see* Fujimori, I. 41269
Trager, R. HF Transceivers XK2500 and XK2900: the new members of HF transceiver family XK2000 47703
Trager-Cowan, C. *see* Nicholls, J.F.H. 10805
Tragoudas, S. *see* Kagaris, D. 1208
Tragoudas, S. *see* Kagaris, D. 1253
Tragoudas, S. *see* Kagaris, D. 11376
Tragoudas, S. *see* Kagaris, D. 31218
Tragoudas, S. *see* Karayiannis, D. 41016
Trahanias, P.E., Komninos, Y. Robot motion planning: multi-sensory uncertainty fields enhanced with obstacle avoidance 34801
Trahanias, P.E. *see* Argyros, A.A. 35312
Trahey, G. *see* Anderson, M. 18351
Trahey, G.E. *see* Anderson, M.E. 37679
Trahey, G.E. *see* Bohs, L.N. 28183
Trahey, G.E. *see* Freiburger, P.D. 59420
Trahey, G.E. *see* Friemel, B.H. 28182
Trahey, G.E. *see* Ng, G.C. 28132
Trahey, G.E. *see* Walker, W.F. 28133
Trahiotis, C. *see* Houtsma, A.J.M. 17120
Trahiotis, C. *see* Houtsma, A.J.M. 17121
Trahms, L., Curio, G., Drung, D., Muller, W., Steinhoff, U., Koch, H., Shen, Y.Q., Vase, P., Freltoft, T. Cardiomagnetic and neuromagnetic applications of nitrogen cooled SQUIDs 49492
Trahms, L. *see* Endt, P. 49511
Trahms, L. *see* Kotitz, R. 49513
Trahms, L. *see* Lewandowski, P. 49668
Trahms, L. *see* Link, A. 28383
Trainer, M.J. *see* Brotherton, S.D. 12987
Trainham, R. *see* Jacquot, C. 37177
Trainor, D.W., Woods, R.F. Architectural synthesis and efficient circuit implementation for field programmable gate arrays 11146
Trainor, T. *see* Wieman, H. 59275
Trainotti, V. MF AM asymmetric vertical dipole measurements 14709

Trainotti, V. MF AM asymmetric vertical-dipole-antenna measurements 24582
Trainotti, V. Near and far field of MF and HF antennas 45383
Trakadas, P.T. *see* Capsalis, C.N. 26583
Tram, H. *see* Chow, M.-Y. 60336
Tram, H. *see* Yeh, E.-C. 60385
Trampert, A., Brandt, O., Yang, H., Ploog, K.H. Direct observation of the initial nucleation and epitaxial growth of metastable cubic GaN on (001) GaAs 31846
Trampert, A. *see* Brandt, O. 21249
Trampert, A. *see* Tournie, E. 10715
Trampert, A. *see* Yang, H. 788
Tran, A.T.T.D., Lee, J.J., Zhang, K., Lo, Y.H. Ultra sensitive displacement detection of micromechanical structures 43371
Tran, A.T.T.D., Lee, J.J., Zhang, K., Lo, Y.H. A generic monolithically integrated micromechanic optic sensor (MIMOS) 58746
Tran, A.T.T.D., Lo, Y.H., Zhu, Z.H. Surface-micromachined Fabry-Perot tunable filter for wavelength-division multiplexing systems 26724
Tran, A.T.T.D. *see* Christenson, G.L. 13547
Tran, A.T.T.D. *see* Christenson, G.L. 36113
Tran, A.T.T.D. *see* Lo, Y.H. 44044
Tran, C. *see* Steckl, A.J. 10626
Tran, C. *see* Steckl, A.J. 52822
Tran, C.A., Ares, R.A., Karasyuk, V.A., Watkins, S.P., Letourneau, G., Leonelli, R. Origin of sharp lines in photoluminescence emission from sub-monolayers of InAs in GaAs 41960
Tran, C.A. *see* Ares, R. 40481
Tran, C.A. *see* Lacroix, Y. 2012
Tran, C.V. *see* Donnelly, K.S. 11610
Tran, D. *see* Cesarsky, C.J. 36548
Tran, G.T. *see* Jasper, L.J. 56186
Tran, H. Demonstration of 5T SRAM and 6T dual-port RAM cell arrays 1392
Tran, H. *see* Banh, T. 38192
Tran, H.T. *see* Bachmann, K.J. 52693
Tran, H.T. *see* Banks, H.T. 52770
Tran, J.-M. *see* Otto, G.P. 37702
Tran, L. *see* Cowles, J. 41519
Tran, L. *see* Lin, E.W. 31151
Tran, L. *see* Musseau, O. 22994
Tran, L.T. *see* Kobayashi, K.W. 1729
Tran, L.T. *see* Kobayashi, K.W. 11718
Tran, L.T. *see* Kobayashi, K.W. 31526
Tran, L.T. *see* Kobayashi, K.W. 32538
Tran, L.T. *see* Kobayashi, K.W. 41495
Tran, L.T. *see* Kobayashi, K.W. 41512
Tran, M.Q. *see* Hogge, J.P. 1932
Tran, M.Q. *see* Soumagne, G. 1933
Tran, T. *see* Wagner, B. 17671
Tran, T.A. *see* Elster, J.L. 7386
Tran, T.A. *see* Greene, J.A. 17402
Tran, T.A. *see* Murphy, K.A. 17443
Tran, T.D., Nguyen, T.Q. On arbitrary-length, M-channel linear-phase FIR filter banks 4793
Tran, T.D., Safranek, R. A locally adaptive perceptual masking threshold model for image coding 25360
Tran, T.D. *see* Hahn, P.J. 25201
Tran, T.K. *see* Tong, W. 55414
Tran, T.M. *see* Hogge, J.P. 1932
Tran, T.M. *see* Jost, G. 41798
Tran, T.M. *see* Soumagne, G. 1933
Tran, V.T. *see* Velazco, R. 21692
Tran Hai-Tan *see* Hai-Tan Tran
Tran Tho Cong *see* Tho Cong Tran
Tran Tuyet-Lan *see* Tuyet-Lan Tran
Tran-Quinn, T. *see* Scaduto, A.F. 42802
Tran-Quinn Thuy *see* Thuy Tran-Quinn
Tran-Quoc, T., Pierrat, L. Correction of the measured core losses under distorted flux [power transformers] 51080
Tran-Quoc, T., Pierrat, L., Montmeat, A., Huet, O. A dynamic model of power transformers 9293
Tran-Quoc, T. *see* Pierrat, L. 8740
Tran-Quoc, T. *see* Pierrat, L. 51084
Tranaes, T. *see* Hendon, E. 421
Tranchart, S., Bachir, I.H., Destombes, J.-L. Sensitive trace gas detection with near-infrared laser diodes and an integrating sphere 28672
Trandafir, A. *see* Abe, K. 59233
Tranduc, H. *see* Beydoun, B. 43034
Tranduc, H. *see* Moncoqut, D. 22823
Tranduc, H. *see* Sanchez, J.-L. 40895
Trankle, G. *see* Boche, B. 14145
Trankle, G. *see* Dong Xu 54706
Trankle, G. *see* Furst, C. 1999
Trankle, G. *see* Wagner, J. 22415
Trankle, G. *see* Wagner, J. 42131
Trankle, G. *see* Xu, D. 41440
Tranquilla, J.M. *see* Telikepalli, R. 36284
Tranter, W.H., Rappaport, T.S., Woerner, B.D., Reed, J.H., Krizman, D.M. The role of simulation in the teaching of communications 20523
Traon, Y.Le *see* Le Traon, Y.
Traore, K. *see* Artiges, D. 46920
Trapaga, G. *see* Ono, N. 40297
Trapani, P.Di *see* Di Trapani, P.
Trapani, P.P. *see* Manfredotti, C. 37318
Trapet, E., Waldele, F. The virtual CMM concept 52308
Trapeznikova, I.N. *see* Kompan, M.E. 55400
Trapeznikova, I.N. *see* Kon'kov, O.I. 31877
Trapon, G.R. *see* Piquemal, F.P.M. 17152
Trapp, V. *see* Ray, S.C. 19982
Trappe, W.K. *see* Lakey, J.D. 25173
Trappeniers, L. *see* van Bockstal, L. 4208
Trapper, R.J. *see* Bauer, C. 37326
Trask, C. Feedback improves AGC amplifier harmonic performance 11190
Trask, R.P. *see* Way, B.S. 50181
Traslosheros, J.C.V. Constrained inversion and the generalized reciprocal method: on the ambiguity in the estimation of velocity structure and depths of discontinuities, hidden layers and low-velocity zones 50034
Trasser, A. *see* Bruce, S. 22786
Trast, I. *see* Myllyla, I. 57966
Trattles, J.T. *see* Johnson, C.M. 12865
Trauberg, M., Fischbacher, M. Protocol analysis: a new requirement of TV metrology with the introduction of MPEG-2 and DVB 17031
Trauernicht, D.P. *see* Hejazi, S. 49419
Traut, J. *see* Kim, I. 12790
Trautman, J.K. *see* Harris, T.D. 2047
Trautmann, N. *see* Surkau, R. 37093
Trautmann, S., Nguyen, T.Q. Comparison of linear-phase perfect-reconstruction filter banks in wavelet-transform-based image compression 35351
Trautmann, S., Ngyen, T.Q. GenLOT–design and application for transform-based image coding 5328
Trautner, J.J. *see* McDonald, B.J. 58619
Trautvetter, H.P. *see* Campajola, L. 7751
Trava-Airoldi, V.J. *see* Corat, E.J. 30904
Trava-Airoldi, V.J. *see* Riva, R. 14495
Travagnin, M. *see* Jansen van Doorn, A.K. 14171
Trave-Massuyes, L. *see* Milne, R. 9105
Trave-Massuyes, L. *see* Servet, I. 6003
Trave-Massuyes, L. *see* Servet, I. 46978
Trave-Massuyes, L. *see* Servet, I. 57760
Traver, A.E. *see* Smith, R.D. 29240
Travers, C.M. *see* Butler, D.P. 48647
Travers, C.M. *see* Shan, P.C. 7335
Travers, R. *see* Sparkes, C. 2537
Traversa, E. The use of intelligent ceramic materials as a strategy for the development of chemical sensors 17576
Traversa, E. *see* Gusmano, G. 58722
Traverso, C. Hilbert functions and the Buchberger algorithm 30590
Travier, C. *see* Devanz, G. 49192
Travis, A.R.L., Lang, S.R., Moore, J.R., Dodgson, N.A. Time-manipulated 3-D video 36824
Travis, A.R.L. *see* Yim, L.W.K. 33161
Travis, B. Low-voltage power sources keep pace with plummeting logic and μP voltages 21495
Travis, E. *see* Gelatos, A.V. 54511
Travis, I.L. *see* Steyer, H.C., Jr. 6258
Travis, L. The open systems industry and the lack of open distributed management 5945
Travlos, A. *see* Grigoropoulos, S. 1979
Trayanova, N. Discrete versus syncytial tissue behavior in a model of cardiac stimulation. I. Mathematical formulation 8078
Trayanova, N. Discrete versus syncytial tissue behavior in a model of cardiac stimulation. II. Results of simulation 8079
Trayanova, N. The role of cardiac tissue anisotropy in the process of defibrillation 49750
Trayner, C., Haynes, B.R., Bailey, N.J. Automatic meteor detection: an application of Hough transforms 57312
Trbojevic, D., Ng, K.Y., Courant, E.D., Lee, S.Y., Johnstone, C., Gallardo, J., Palmer, R., Tepikian, S. Design of the muon collider isochronous storage ring lattice 18008
Trbojevic, D. *see* Garren, A. 17972
Trbojevic, D. *see* Johnstone, C. 17934
Trbojevic, D. *see* Palmer, R.B. 17924
Trbojevic, D. *see* Palmer, R.B. 17966
Trcka, M. *see* Benjauthrit, B. 4470
Treacy, P. Competition law 20746
Treanor, M. *see* Sarjeant, W.J. 29837
Treat, D.W. *see* Chua, C.L. 55687
Trebar, M., Dobnikar, A. Time series prediction using modular recurrent neural network 52448
Trebeschi, A. *see* Forlani, G. 60096
Trebino, R. *see* Krumbugel, M.A. 44711
Trebino, R. *see* Sweetser, T. 17827
Trebino, R. *see* Taft, G. 55588
Trebino, R. *see* Tsang, T. 17832
Trebst, T. *see* Bonsch, G. 27230
Trebst, T. *see* Riehle, F. 7139
Trebst, T. *see* Schnatz, H. 27227
Trecat, J. *see* Mpanda-Mabwe, B. 50513
Trecat, J. *see* Postolache, A. 5252
Tredicce, J.R. *see* Mathis, C. 33593
Tredici, S.Del *see* Del Tredici, S.
Tredicucci, A. Bulk semiconductors and porous silicon: controlled exciton-photon interaction in active microcavities 33596
Tredicucci, A., Yong Chen, Pellegrini, V., Borger, M., Bassani, F. Optical bistability of semiconductor microcavities in the strong-coupling regime 14271
Tredicucci, A. *see* Pavesi, L. 44208
Treece, R.E. *see* Hardner, H.T. 32787
Treece, R.E. *see* Miranda, F.A. 54923
Treen, A., Morris, G., Fixter, G., Farmer, S. A composite compatible printed circuit technology for the distribution of electrical signals 958
Trees, H.L.Van *see* Van Trees, H.L.
Trefny, J.U. *see* Feng, L. 12249
Trefny, J.U. *see* Song, W. 39091
Trefny, J.U. *see* Tang, J. 39104
Tregubova, A.S. *see* Andreev, A.N. 52604
Trehan, N.K. An approach to a good lighting system design for nuclear power generating stations 19471
Treichel, M. *see* Lou, K. 7818
Treichler, J.R. *see* Fijalkow, I. 25805
Treichler, J.R. *see* Johnson, C.R., Jr. 6488
Treichler, J.R. *see* Touzni, A. 25800
Treinen, R.T. *see* McCalley, J.D. 60311
Treiner, A. *see* Ben-Yaakov, S. 51131
Treitinger, L., Meister, T., Felder, A., Bock, J., Molzer, W., Aufinger, K., Kopl, R., Schreiter, R., Popp, S., Boguth, S., Ohnemus, M., Rest, M., Schumann, F., Simburger, W., Knapp, H., Wurzer, M., Weger, P., Rein, H.M., Moller, H., Melchior, H., Wieland, J. High-speed switching electronics and interconnects in silicon and Si/SiGe bipolar technologies: status and perspectives 13114
Treitinger, L., Meister, T., Felder, A., Bock, J., Molzer, W., Aufinger, K., Kopl, R., Schreiter, R., Popp, S., Boguth, S., Ohnemus, M., Rest, M., Schumann, F., Simburger, W., Knapp, H., Wurzer, M., Weger, P., Rein, H.M., Moller, H., Melchior, H., Wieland, J. High-speed switching electronics and interconnects in silicon and Si/SiGe bipolar technologies: status and perspectives 22952
Treitinger, L. *see* Bok, J. 1726
Treitz, P.M., Filho, O.R., Howarth, P.J., Soulis, E.D. Textural processing of multi-polarization SAR for agricultural crop classification 18937
Trelles, F., Savard, P., Le Guyader, P. A new method for measuring myocardial conductivities: the parallel electrodes technique 49742
Trelles, F. *see* LeGuyader, P. 49741
Treloar, P.H. *see* Rigby, G.P. 27707
Trelstad, R.L. *see* Foran, D.J. 59481
Tremain, T.E., Kohler, M.A., Champion, T.G. Philosophy and goals of the DoD 2400 bps vocoder selection process 16471
Tremblay, C. *see* Kruzelecky, R.V. 33106
Tremblay, D. *see* Lachance, B. 49775
Tremblay, M. Private broadcasters in Canada 7052
Tremblay, M. *see* Milutinovic, V. 1339
Tremblay, M. *see* Poussart, D. 35204
Tremblay, P. *see* Genest, J. 44536
Tremblay, R. *see* Nolan, M. 36335
Tremblay, Y. *see* Ouellet, L. 22611
Tremblay, Y. *see* Ouellet, L. 54522
Tremp, M. Telephony over hybrid fibre-coax networks 35670
Tremsin, A.S. *see* Brunton, A.N. 37532
Trenkel, C., Speake, C.C. Geometrical optimization of superconducting levitation systems based on the complete Meissner effect 3305
Trenker, E., Rappelsberger, P. Requirements for automatic sleep spindle detection using artificial neural networks 59695
Trenker, E., Rappelsberger, P. Computer aided visual sleep EEG scoring 59696
Trenkic, B., Markov, Z. Exact calculation of mean CCSNo7 link alignment time 46681
Trenkic, V., Christopoulos, C., Benson, T.M. Development of a general symmetrical condensed node for the TLM method 14658
Trenkic, V., Christopoulos, C., Benson, T.M. Analytical expansion of the dispersion relation for TLM condensed nodes 14659
Trenkic, V., Christopoulos, C., Benson, T.M. Advanced node formulations in TLM–the adaptable symmetrical condensed node 24508
Trenkic, V., Christopoulos, C., Benson, T.M. Optimization of TLM schemes based on the general symmetrical condensed node 45271
Trenkle, J.M. *see* Vogt, R.C. 37842
Trenkler, G. *see* Tarach, D. 17596
Trenkler, H. Energy-saving DC twin shell arc furnace for melting low-grade scrap 20264
Trenkler, T. *see* Horzel, J. 39009
Trenner, A. *see* Schroedl, M. 61385
Trenorden, P.K. *see* Hammel, S.E. 25234
Trent, J.R., Flint, A. MCML™ series application 53886
Trentalange, S. *see* Burks, M. 59206
Trentalange, S. *see* Wieman, H. 59275
Trentin, E. *see* Furlanello, C. 56400
Trentin, G. Internet: does it really bring added value to education? 30060
Trepk, T. *see* Steimetz, E. 12443
Trepte, O. *see* Attas, E.M. 35336
Tresp, C., Jagar, M., Moser, M., Hiltner, J., Fathi, M. A new method for image segmentation based on fuzzy knowledge 18307
Tresso, E. *see* Giorgis, F. 52777
Tretheway, D., Aydil, E.S. Modeling of heat transport and wafer heating effects during plasma etching 12763
Tretiakova, T.E. *see* Kolomiets, A.A. 49028
Tretjakova, T.E. *see* Andreev, V.A. 37025
Tretmans, J. Conformance testing with labelled transition systems: implementation relations and test generation 25949
Tretter, D. *see* Ping Wah Wong 46375
Trettnak, W. *see* Reininger, F. 27709
Tretyak, V.I. *see* Georgadze, A.Sh. 18101
Tret'yakov, D.S. *see* Sharygin, L.M. 38465
Tret'yakov, D.V. *see* Preshchepenko, A.B. 53065
Tretyakov, M.Yu. *see* Bocquet, R. 13929
Tret'yakov, N.E. *see* Konkin, S.V. 13955

Tretyakov, O. *see* Dumin, O. 45034
Tretyakov, O. *see* Nikitskiy, S. 45318
Tretyakov, O.A. *see* Vertiy, A.A. 27857
Tret'yakov, V.V. *see* Bert, N.A. 41968
Tret'yakova, S.P. *see* Zorin, G.N. 37482
Treuhaft, R.N., Madsen, S.N., Moghaddam, M., van Zyl, J.J. Vegetation characteristics and underlying topography from interferometric radar 18812
Trevelyan, J.P. A suspended device for humanitarian demining 8596
Trevillyan, L. *see* Bergamaschi, R.A. 31163
Trevino, J. *see* Lee, A.P. 19930
Trevino, J.C. *see* Krulevitch, P. 13200
Trevino-Palacios, C.G., Baldi, P., Stegeman, G.I. Nonreciprocity in waveguide second harmonic generation 4094
Trevisan, F. *see* Di Barba, P. 44990
Trevisan, M. *see* Priotti, P. 26392
Trevisan, M.S. *see* Calkins, D.E. 20704
Trevor, I. *see* Clarke, D. 60268
Trew, R.J., Shin, M.W., Gatto, V. Wide bandgap semiconductor electronic devices for high frequency applications 31499
Trewhella, J.M., Oprysko, M.M., Backhauss, H., Ritter, M., Cina, M. Unibody plastic injection-molded optical sub-assembly for large core fiber 227
Trewhella, J.M. *see* Cohen, M.S. 6742
Trexler, J.T., Fijol, J.J., Calhoun, L.C., Park, R.M., Holloway, P.H. Formation of ohmic contacts to p-ZnTe 12533
Trexler, J.T., Miller, S.J., Holloway, P.H., Khan, M.A. Interfacial reactions between metal thin films and p-GaN 12818
Trexler, R.J. The SHOP tracking and notification system 30165
Trezza, J.A., Harris, J.S., Jr. Optical beam routing using arrays of vertical-cavity phase-flip modulators 33120
Trezza, J.A., Harris, J.S., Jr. Zero chirp asymmetric Fabry-Perot reflection electroabsorption modulator using coupled quantum well active region 33121
Trezza, J.A., Powell, J.S., Harris, J.S., Jr Zero chirp asymmetric Fabry-Perot electroabsorption modulator using coupled quantum wells 33126
Trezza, J.A. *see* Powell, J.S. 55359
Trezzi, G. *see* Dallera, C. 7847
Tri-Rung Yew *see* Kuan-Lun Cheng 21339
Triantis, D.P., Birbas, A.N., Kondis, D. Thermal noise modeling for short-channel MOSFETs 2632
Tribble, A. *see* Solomon, S. 48651
Tribe, W.R., Steer, M.J., Mowbray, D.J., Skolnick, M.S., Forshaw, A.N., Roberts, S., Hill, G., Pate, M.A., Whitehouse, C.R., Williams, G.M. Emission mechanisms and band filling effects in GaAs-AlGaAs V-groove quantum wires 41901
Tribe, W.R. *see* Steer, M.J. 32010
Tribellini, G. *see* Aiello, A. 4287
Tribillon, G. *see* Calatroni, J. 7649
Tribillon, G. *see* Sandoz, P. 4160
Tribillon, G. *see* Trolard, B. 31012
Tribillon, G. *see* Trolard, B. 35240
Tribillon, J.-L. *see* Lutz, Y. 4116
Tribolet, P., Compain, V., Boch, R. High performance MCT LWIR and MWIR staring array for high frame rate applications 27676
Triboulet, J., Chavand, F. Calibration of a multisensor system 48695
Triboulet, J. *see* Barat, C. 56894
Triboulet, R. *see* Angermeier, D. 40412
Triboulet, R. *see* Granger, R. 48507
Triboulet, R. *see* Tournie, E. 770
Triboulet, R. *see* Tromson-Carli, A. 40478
Tributsch, H. *see* Schaaf, N.-S. 19949
Tributsch, H. *see* Thomas, B. 54132
Trice, J. *see* Noumi, H. 37073
Trick, G.L. *see* Marmor, M.F. 28336
Trick, M. *see* Christopher, G. 10376
Trick, M.A. *see* Mehrotra, A. 21072
Trick, T.N. *see* Swafford, M.L. 20635
Tricot, P. *see* Tiedeu, A.B. 8020
Tridandapani, S.B., Mukherjee, B. Channel sharing in multi-hop WDM lightwave networks: realization and performance of multicast traffic 57790
Triduh, G.M. *see* Bivol, V.V. 42257
Trieb, F., Langniss, O., Klaiss, H. Solar electricity generation-a comparative view of technologies, costs and environmental impact 60602
Triebe, W.R. *see* Rau, G. 22385
Triep, M., Hribernik, B., Skrget, L. Unified approach to solving a steady-state electromagnetic field 44894
Trier, O.D., Taxt, T., Jain, A.K. Gray scale processing of hydrographic maps 8418
Trifa, V., Gaura, E., Moldovan, L. Neuro-control approach of switched reluctance motor drives 9613
Trifan, M.E. *see* Dinca, A. 3935
Trifiletti, A. *see* Carotenuto, R. 26842
Trifiletti, A. *see* Cocco, V. 58312
Trifiletti, A. *see* Larciprete, N. 53477
Trifonov, A.P., Bespalova, M.B. Estimate of train period of optical pulses with unknown intensity 7643
Trifonov, A.P., Roldugin, S.V. Position modulation of a composite noise carrier 4434
Trifonov, A.S., Usachev, P.A., Ivanov, M.A., Pikhtin, N.A., Tarasov, I.S. Semiconductor laser quantum noise measurements by homodyne balance detector technique 17851
Trifonov, A.S. *see* Iakovenko, S.A. 31641
Trifonov, A.S. *see* Soldatov, E.S. 2732
Trifonov, R. *see* Trifonova, S. 26504
Trifonova, S., Velkov, P., Trifonov, R. A performance assessment of random access protocol with collision elimination in radio networks 26504
Trifunovic, N. *see* Bojic, M. 51865
Trifunovic, V., Jokanovic, B. Star mixer with high port-to-port isolation 11680
Trigeassou, J.C. *see* Coirault, P. 9223
Trigeassou, J.C. *see* Coirault, P. 60758
Trigeassou, J.C. *see* Miah, H.A. 60752
Triggiani, G. *see* Baticnani, G. 7810
Trigo, J. *see* Prieto, C. 13436
Trigubo, A.B. *see* Perez, L.V. 10658
Trika, S.N., Kashyap, R.L. A provably correct feature extractor for parts with cylindrical and planar surfaces 35060
Trila, F. *see* Oetjen, H.-F. 51494
Trillo, S. Resonance Thirring solitons in type II second-harmonic generation 4084
Trillo, S. *see* Conti, C. 55852
Trillo, S. *see* Fuerst, R.A. 44743
Trillo, S. *see* Haelterman, M. 24253
Trillo, S. *see* Mollame, R. 33646
Trimaille, I. *see* Baumvol, I.J.R. 10735
Trimaille, I. *see* Baumvol, I.J.R. 42597
Trimaille, I. *see* Stedile, F.C. 12567
Trimeche, K. Inversion of the Lions transmutation operators using generalized wavelets 52400
Trinchero, D. *see* Savi, P. 41398
Trindade, I., Kryder, M. Thermal stability of TaN and TiN spacers in dual magnetoresistive read-elements 43679
Trindade, T. *see* O'Brien, P. 40318
Trines, D. *see* Horlitz, G. 49024
Trinh, N.G., Saker, A. Interpretation of the physical mechanisms in the breakdown of long gaps in transformer oil 23240
Trinh, N.G., Vincent, C., Olivier, R., Benoit, C. Low-temperature behavior of synthetic oils 23247
Trinh, N.G. *see* Saker, A. 19791
Trinh, N.G. *see* Vincent, C. 9310
Trinh, P. *see* Huang, P.Y. 27575
Trinh, P. *see* Yegnanarayanan, S. 56213
Trinh, P.D., Yegnanarayanan, S., Jalali, B. Optical couplers in silicon-on-insulator technology 13656
Trinh, P.D., Yegnanarayanan, S., Jalali, B. Guided-wave optical circuits in silicon-on-insulator technology 33089
Trinh, P.D. *see* Coppinger, F. 31357
Trinh, P.D. *see* Coppinger, F. 58455
Trinh, P.D. *see* Jalali, B. 3421
Trinh, P.D. *see* Yegnanarayanan, S. 55292
Trinh, T. *see* Strumpf, H.J. 18716
Trinitis, C. *see* Blaszczyk, A. 24359
Trinitis, C. *see* Mukherjee, P.K. 38796
Trinkhaus, P. *see* Flynn, J.J. 8622
Trin'ko, N.G. *see* Grigorenko, N.L. 30453
Trinks, U. *see* Muenzer, H. 49137
Trintinalia, L.C., Hao Ling Joint time-frequency ISAR using adaptive processing 36204
Trintinalia, L.C., Hao Ling Feature extraction for electrically large ducts using adaptive Gaussian processing 36245
Triolo, R.J. *see* Abbas, J.J. 49791
Triolo, R.J. *see* Akers, J.M. 18499
Triolo, R.J. *see* Kobetic, R. 49792
Tripathi, A., Jong, J., Arabi, T., Tripathi, V.K. Characterization of proximity effects between interconnects 54498
Tripathi, A. *see* Seo, Y. 1883
Tripathi, A. *see* Seo, Y. 53867
Tripathi, A. *see* Weisshaar, A. 21869
Tripathi, K.N. *see* Birla, N. 24079
Tripathi, K.N. *see* Gupta, M. 44036
Tripathi, K.N. *see* Singh, S. 13643
Tripathi, R.K., Gupta, M., Shukla, J.P. Capacitance technique for measuring moisture content using dielectric data an immersion method 27982
Tripathi, S.K. *see* Dube, R. 47001
Tripathi, S.K. *see* Raghavan, S.V. 16405
Tripathi, S.K. *see* Saha, D. 26106
Tripathi, V. *see* Falconer, M. 39821
Tripathi, V. *see* Jong, J.-M. 53085
Tripathi, V.K. *see* Goyal, R. 6574
Tripathi, V.K. *see* Lutz, R.D. 53639
Tripathi, V.K. *see* Seo, Y. 1883
Tripathi, V.K. *see* Seo, Y. 53867
Tripathi, V.K. *see* Tripathi, A. 54498
Tripathi, V.K. *see* Wai-Yeung Yip 39814
Tripathi, V.K. *see* Weisshaar, A. 21869
Tripathy, A.R. *see* Srivastava, G.P. 3274
Tripathy, S.C. Improved load-frequency control with capacitive energy storage 50423
Tripathy, S.C. Dynamic simulation of hybrid wind-diesel power generation system with superconducting magnetic energy storage 60627
Tripathy, S.C., Prasad, S., Bhatti, T.S. A new swallowtail catastrophe model for power system transient stability assessment 50345
Tripathy, S.K. *see* Alva, K.S. 7439
Tripathy, S.K. *see* Jiang, X.L. 14287
Tripathy, S.K. *see* Kim, D.Y. 55362
Tripathy, S.K. *see* Sang-Don Jung 55465
Tripiccione, R. *see* Bertolucci, E. 37628
Triplett, J.D. *see* Deghadi, M. 60896
Tripp, M. *see* Arabi, T. 40990
Trippenbach, M. *see* Band, Y.B. 3974
Trippenbach, M. *see* Radzewicz, C. 44676
Trischman, J.A. Real-time motion compensation algorithms for ISAR imaging of aircraft 26995
Trischuk, W. *see* Bauer, C. 37326
Trischuk, W. *see* Bauer, C. 37378
Trishenkov, M.A. *see* Taubkin, I.I. 7400
Tristan Chiu, Kewley, D., Crouch, C., Laurie Lock Lee The development of an intelligent radar tasking system 48106
Tristram, G. *see* Becks, K.H. 59228
Tritchew, S. *see* Sinclair, R.L. 27675
Tritchkov, A. *see* Goethals, A.M. 2523
Tritchkov, A. *see* Op de Beeck, M. 2531
Tritchkov, A. *see* Yen, A. 22738
Trites, J.F., Krone, K. Embedded ferromagnetic technology: automated high volume manufacturing of magnetic components 53718
Tritt, T.M. *see* Fuller-Mora, W.W. 32899
Tritt, T.M. *see* Nolas, G.S. 2082
Tritt, T.M. *see* Stokes, K.L. 30981
Trittler, R. *see* Meyer, S. 48993
Tritto, S. *see* Batignani, G. 7811
Tritto, S. *see* Batignani, G. 59329
Trivedi, A., Paul Cheng-Hsin Liu Machine vision processing/selection in printed circuit board manufacturing 41647
Trivedi, A. *see* Shun-Pen Cheng 41648
Trivedi, A.V. Electronics manufacturing at North Carolina A&T State University 39619
Trivedi, D.A., Anderson, N.G. Modeling the near-gap refractive index properties of semiconductor multiple quantum wells and superlattices 42182
Trivedi, D.C. *see* Kumar, G. 9528
Trivedi, M., Pendharkar, S., Shenai, K. Switching characteristics of MCT's and IGBT's in power converters 2596
Trivedi, M., Shenai, K. Internal dynamics of IGBT during short circuit switching 22835
Trivedi, M., Shenai, K. Modeling the turn-off of IGBT's in hard- and soft-switching applications 54657
Trivedi, M.M. *see* DePiero, F.W. 5625
Trivedi, M.M. *see* Hoider, M.B. 7590
Trivedi, S. *see* Chen-Chia Wang 23657
Trivedi, S. *see* Chen-Chia Wang 32974
Trivedi, S. *see* Chen-Chia Wang 42228
Trivedi, S. *see* Kutcher, S.W. 2296
Trivedi, S. *see* Millerd, J.E. 4123
Trivedi, S. *see* Zhou, H. 680
Trivella, M.G. *see* Carrozza, M.C. 28402
Trivett, D.H. *see* McCleary, A.D. 17795
Trivette, J.D. *see* Adams, H.W., Jr. 8847
Trivi, M., Greco, V., Hoffer, L., Molesini, G. Measuring the deformations of a scattering surface with a general purpose interferometer 7586
Trizna, D.B. *see* Sletten, M.A. 19003
Troadec, H. *see* Rodin, V. 59545
Trobec, R., Avbelj, V., Veselko, M., Demsar, F. Metal implant localizers: frontiers and diagnostic feasibility 7860
Trobec, R., Gersak, B. Direct measurement of clamping forces in cardiovascular surgery 49751
Trobough, D. NEMI project planning [electronics manufacturing] 130
Troccaz, M. *see* Tajan, V. 10950
Trocellier, P. *see* Antoine, C. 32889
Trochu, F. *see* Labrecque, C. 11838
Trochu, F. *see* Mayer, J.R.R. 58998
Trocki, J. PC administration tools: using Linux to manage personal computers 16326
Troczynski, T., Cockcroft, S., Wong, H. Thermal barrier coatings for heat engines 38585
Troendly, G.M., Chen, S.S., Nickum, W.G., Forman, M.L. Embedded parallel processing for ground system process control 8276
Trofanchuk, L.A. *see* Andrianov, S.N. 58665
Trofimenko, V.I. *see* Il'inskii, A.D. 9653
Trofimenkoff, F.N. *see* Aghtar, S. 11619
Trofimenkoff, F.N. *see* Finvers, I.G. 11201
Trofimenkoff, F.N. *see* Gupta, A.K. 23018
Trofimov, V.A. *see* Polyakov, S.V. 32531
Trofimov, V.A. *see* Sukhorukov, A.P. 3958
Trofimov, V.A. *see* Zakharova, I.G. 4060
Trofimov, V.T. *see* Birjulin, P.I. 54208
Trogneux, F., Doquet, M., Mallet, P. Taking environmental constraints into account in the planning of the extra high voltage transmission network; EDF's approach 8845
Troisi, L. *see* Rella, R. 36742
Troitsky, A.V. *see* Gaikovich, K.P. 38079
Troitsky, V.I., Sartore, A.M., Berzina, T.S., Nardelli, D., Nicolini, C. Instrument for depositing Langmuir-Blodgett films composed of alternating monolayers using a protective layer of water 828
Trojan, I. *see* Klipstein, P.C. 12336
Trojan, I.A. *see* Lyapin, S.G. 22353
Trojanowicz, M. *see* Krawczynski vel Krawczyk, T. 7447
Trokhimovski, Yu.G. *see* Irisov, V.G. 8478
Trokhimovski, Yu.G. *see* Westwater, E.R. 8425
Trolard, B., Gorecki, C., Tribillon, G. Speckle noise removal in interference fringes by optoelectronic preprocessing with Epson liquid crystal television 35240
Trolard, B., Tribillon, G., Bonnotte, E., Delobelle, P., Bornier, L. Interferometric analysis of strained thin silicon films 31012
Trolier, J.W. *see* Thompson, R.A. 28533
Trolier-McKinstry, A. *see* Yamakawa, K. 32659
Trolier-McKinstry, S. *see* Yamakawa, K. 872
Tromba, G. *see* Arfelli, F. 37666

Tromba, G. *see* Arfelli, F. 49329
Tromba, G. *see* Arfelli, F. 59555
Tromberg, B.J. *see* Fishkin, J.B. 37655
Tromberg, B.J. *see* Li, G.P. 22889
Trombert, S., Chazelas, J., Bonniau, P., Van Moorleghem, W., Chandrasekaran, M., Silvain, J.F. Solder paste/shape memory alloy composite for adaptive solder joint 11917
Trombini, A. *see* Beck, M. 37265
Trommer, D., Kaiser, R., Stenzel, R., Heidrich, H. Multi-purpose dual tunable laser/combiner PIC based on InP 16727
Trommer, D. *see* Braun, R.P. 26834
Trommer, D. *see* Hamacher, M. 16743
Trommer, D. *see* Umbach, A. 6749
Trommer, D. *see* Umbach, A. 26839
Trommer, G.F. On the optimization of fibre and integrated optics devices: the generation of trial starting points for finding the global minimum of a multiparametric optimization problem 55226
Trommer, G.F., Müller, R., Opitz, S. Passive FOG IMU for short range missile application: From qualification towards series production 38146
Trommer, M. *see* Konopka, R. 57813
Trompenaars, P.H.F. *see* De Zwart, S.T. 53949
Trompenaars, P.H.F. *see* Hendriks, B.H.W. 58937
Trompenaars, P.H.F. *see* Lambert, N. 58936
Trompenaars, P.H.F. *see* Lambert, N. 58939
Trompenaars, P.H.F. *see* Montie, E.A. 58935
Trompenaars, P.H.F. *see* van Gorkom, G.G.P. 41802
Tromson-Carli, A., Zozime, A., Ertel, J., Seibt, M., Druilhe, R., Grattepain, C., Triboulet, R. Influence of a ZnMnTe nucleation layer on the structural quality of (111) ZnTe grown by MOVPE on (100) GaAs 40478
Tron, A.M., Merinov, I.G. Secondary electron monitor for electron bunch phase distribution measurement with subpicosecond resolution 49118
Tron, A.M., Merinov, I.G., Popova, N.Y., Voznesensky, K.V. Bunch phase distribution detector for the ISTRA ion linac beam 49120
Tron, A.M., Smirnov, V.V. Method of bunch phase distribution measurement based on a Moller scattering 49119
Tron, B.Le *see* Le Tron, B.
Tron, T. *see* Biro, J. 10375
Troncon, C. A new generation of vertex detectors for experiments at colliders 28043
Troncon, C. Tagging heavy flavours with vertex detectors at e^+e^- colliders 59226
Troness, D.A. *see* King, A.J. 30167
Tronin, A., Dubrovsky, T., Radicchi, G., Nicolini, C. Optimisation of IgG Langmuir film deposition for application as sensing elements 17566
Tronstad, Y., Cox, J.E. A strategic migration [conversion of legacy billing systems] 26000
Trontelj, Z. *see* Jazbinsek, V. 37692
Trooper, A.C. *see* Paschotta, R. 23827
Troost, E., Kroon, J.G.M. Designing a national data communication infrastructure for traffic applications 57960
Troppenz, U., Plant, T.K., Huttl, B., Velthaus, K.O., Mauch, R.H. Electrical properties of SrS:Ce EL devices 55437
Troppenz, U. *see* Huttl, B. 55411
Troppenz, U. *see* Plant, T.K. 55436
Tropper, A.C. *see* Paschotta, R. 44387
Tropper, A.C. *see* Pask, H.M. 23786
Tropper, A.C. *see* Shepherd, D.P. 33453
Trosen, D.W., Cannon, B.J. Electric actuation and control system 19939
Troshchenkov, S.V. *see* Shchegłov, V.A. 33671
Trost, A., Zemva, A., Kuznar, R., Zajc, B. Programmable hardware system for digital circuits implementation 53197
Trost, H.P., Simburger, W., Wohlmuth, H.D., Knapp, H., Weger, P., Scholtz, A.L. 1.6 watt 1.9 GHz power amplifier MMIC in silicon 53648
Troster, G. *see* Ammann, D. 22109
Troster, G. *see* Thiel, A. 22110
Troster, G. *see* Wosnitza, M. 1454
Trosztel, I. *see* Gyori, C. 8996
Trotel, A., Lederer, P., Lavigne, B., Chambonnet, D., Pyee, M., Constantini, J.M. Interaction between microwaves and vortices: influence of heavy ion-induced defects 43872
Trotignon, J.G. *see* Parrot, M. 48197
Trott, C.A. *see* Johnson, E.N. 49914
Trott, M.D. *see* Wornell, G.W. 16579
Trott, M.D. *see* Wornell, G.W. 26487
Trotta, A. *see* Giaquinto, N. 1536
Trotter, J.A. *see* Agrawal, F. 26648
Trottier, C.M. *see* Wang, H. 2898
Trottier, T.A., Swart, H.C., Jones, S.L., Sebastian, J.S., Holloway, P.H. A comparison of the degradation mechanisms in ZnS and Y_2O_2S:Eu powder FED phosphors 55417
Troublefield, B. *see* Cirineo, T. 8629
Trouborst, P.M. LFSR reseeding as a component of board level BIST 40981
Trouillas, P., Ratier, B., Moliton, A., Pichler, K., Friend, R.H. Field-effect studies of C_{60} thin films before and after implantation with potassium 22202
Trouillet, A. *see* Abdelghani, A. 27606
Trouillet, A. *see* Ronot-Trioli, C. 17414
Trouillon, M. *see* Barbier, D. 33109
Trouilloud, P.L. Magnetostatic 3D modeling of a magnetic micromotor 29358
Trouilloud, P.L. *see* Chang, J.-W. 32795
Troulis, M.G. *see* Humblet, P.A. 26379
Troussel, P., Bac, S., Kolachevskii, N.N., Mitropol'skii, M.M., Ragozin, E.N. Spectral characteristics of plane multilayer amplitude diffraction gratings for the soft X-ray range 3539
Troussett, Y. *see* Payot, E. 28086
Trout, D.H. Investigation of the bulk current injection technique by comparison to induced currents from radiated electromagnetic fields 45203
Troutman, W.W. *see* Cabara, T.J. 41029
Trouve, E. *see* Tupin, F. 48076
Trovato, M. *see* Aloisio, G. 8766
Trovato, M. *see* La Scala, M. 19108
Trowbridge, C.W. *see* Colyer, B. 44984
Trowbridge, J.H. *see* Shaw, W.J. 38100
Troxel, D. *see* Nicholson, B. 18639
Troya, J.M. *see* Alba, E. 16106
Troya, J.M. *see* Cotta, C. 21105
Troyanova, G.N. *see* Bondarenko, V.P. 42093
Troyanovskii, B.M., Fragin, M.S. Axial forces in multicylinder steam turbines 19557
Troyanovsky, B. *see* Sato-Iwanaga, J. 43142
Troyk, P.R., Schwan, M.A.K., DeMichele, G.A., Loeb, G.E., Schulman, J., Strojnik, P. Microtelemetry techniques for implantable smart sensors 18532
Troyon, M. *see* Vilain, S. 3147
Trubaev, V.V. *see* Libenson, M.N. 24291
Trubetskov, M.L. *see* Tikhonravov, A.V. 3499
Trubin, A. Scattering of electromagnetic waves on a system of coupling high-Q dielectric resonators 45086
Trubin, A.A. Coupling parameters of spherical dielectric resonators with multiwire strip structures 4328
Trubin, A.A. Coupling computation of the cylindrical dielectric resonator with a slot transmission line 31486
Trubitsyn, S.F. *see* Abramov, D.V. 13564
Trubnikov, S. *see* Ilyinsky, A. 45437
Truccato, M. *see* Allasia, D. 54166
Trucco, A., Repetto, F. A stochastic approach to optimizing the aperture and the number of elements of an aperiodic array 45436
Trucco, A. *see* Foresti, G.L. 48132
Trucco, A. *see* Murino, V. 56712
Trucco, E., Umasuthan, M., Wallace, A.M., Roberto, V. Model-based planning of optimal sensor placements for inspection 39879
Trucco, E. *see* Clark, J. 25284
Trucco, E. *see* Clark, J. 39873
Trucco, U. *see* Clavario, P. 49391
Truche, R. *see* Flament, O. 23013
Truchetet, F. *see* Laligant, O. 25688
Truchetet, F. *see* Laligant, O. 35359
Truchetet, F. *see* Meriaudeau, F. 10846
Truchetet, F. *see* Meriaudeau, F. 27960
Truchetet, F. *see* Renier, E. 168
Truchetet, F. *see* Renier, E. 48659
Truckenbrodt, H. *see* Bischoff, J. 7573
Truckenbrodt, H. *see* Kiesel, A. 7570
Trudeau, M.L., Braunovic, M., Bryden, K.J., Ying, J.Y. Fretting studies of nanocrystalline Pd, Pd-Ag and Pd-Y films 11841
Trudeau, M.L., Frechette, M.F., Larocque, R.Y. Sparks in SF_6 and SF_6/CF_4 atmospheres: impact on metallic and insulating surfaces [in HV circuit breakers] 19901
Trudel, G. *see* Bernard, S. 19110
True, R.B. *see* Gold, S.H. 7720
True-Lon Lin *see* Gunapala, S.D. 17541
True-Lon Lin *see* Gunapala, S.D. 17542
Trueman, C.W. *see* Larose, C.L. 26953
Trueman, C.W. *see* Sultan, N. 34325
Truesdell, K.A. *see* Phipps, S.P. 13927
Trujillio, D. *see* Hendricks, K. 11231
Trujillo, D.A. *see* Beard, C.A. 7757
Trujillo, E. *see* Bayma, R.W. 49911
Trujillo, H., Rodriguez, F., Cruz, J.C. An approach to the electrical modelling of bipolar magnetotransistors 32374
Trujillo, H. *see* Rodriguez, F. 21499
Trujillo, J.T., Chakhovskoi, A.G., Hunt, C.E. Effects of vacuum conditions on low frequency noise in silicon field emission devices 53939
Trujillo, M. *see* Tansel, I. 13184
Trukhan, E.M. *see* Shevaleevskii, O.I. 20046
Trumbull, T.L. *see* Shutt, T. 37472
Trummer, J. *see* Roberts, J. 41636
Trumper, D.L. *see* Kim, W.-J. 29735
Trung, T.Van *see* Van Trung, T.
Trunov, V.G. *see* Titomir, L.I. 49699
Trunov, V.G. *see* Titomir, L.I. 59680
Truong, K. *see* McCree, A. 14896
Truong, K.K., Richardson, C.H. A hierarchical video coder with cache motion information 15898
Truong, T.K. Design and validation of fault-tolerant, synchronized crystal oscillators 54988
Trupec, D. *see* Zagar, M. 36339
Trusca, V. *see* Pavelescu, D. 29480
Truscott, J.G. *see* Berry, E. 7892
Truscott, P.R. *see* Dyer, C.S. 28555
Truscott, W.S. *see* Buckle, P.D. 53636
Trushell, J., Reymond, C., Herrera, R., Dixon, P. Undergraduate students' use of information communicated during e-mail "tutorials" 30057
Trushin, S.A. *see* Badikov, V.V. 24178
Trushkin, A.V. *see* Sorokin, V.N. 4576
Trusov, A.A. *see* Voitylov, V.V. 58993
Trussell, H.J. *see* Sharma, G. 25567
Trussell, H.J. *see* Sharma, G. 57497
Trussell, H.J. *see* Vora, P.L. 23643
Trussell, H.J. *see* Vora, P.L. 23644
Truttmann, P.A. *see* Umiker, B. 8794
Truxal, D. *see* Hansen, P.B. 26730
Truy, E. *see* Herve, T. 18522
Truzzi, C., Beyne, E., Ringoot, E. Performance analysis of a 10-Gbit/s digital switch on MCM 22108
Tryba, V., Kizilioglu, B. Three versions of a digital hardware implementation of a multi-layer perceptron in 0.7 μ CMOS-design 31437
Trybula, W. *see* Konopka, J. 30157
Trybula, W. *see* Vadgama, A. 30156
Trybula, W.J. *see* White, K.P., JR. 32489
Trybus, L., Swider, Z., Cisek, J., Pelc, L., Sniezek, M. ORSA package–a view of distributed control system 7210
Tryfonas, C. *see* Muddu, S. 5717
Trypuc, J., Jamroz, T. Fibre distribution system FDS-1 48009
Trystram, P. *see* Bonnefoy, J.P. 37499
Trytten, D.A., Stramski, A., Carette, B. Finding bilateral symmetry axes in almost-symmetric images 8037
Trytten, D.A. *see* Akin, J.D. 10363
Trzaska, H. *see* Diba, S. 33125
Trzaska, W.H. *see* Butler, P.A. 37520
Trzcinski, A., Zwieglinski, B. MSX–A Monte-Carlo code for neutron efficiency calculations for large volume Gd-loaded liquid scintillation detectors 49312
Trzynadlowski, A.M. An overview of modern PWM techniques for three-phase, voltage-controlled, voltage-source inverters 9362
Trzynadlowski, A.M., Kirlin, R.L., Legowski, S.F. Space vector PWM technique with minimum switching losses and a variable pulse rate [for VSI] 51191
Trzynadlowski, A.M. *see* Blaabjerg, F. 29732
Trzynadlowski, A.M. *see* Blaabjerg, F. 51687
Tsabarim, M. *see* Eisen, Y. 37667
Tsach, S., Vitali, J., Avni, H. Design approach of the HERON UAV 58127
Tsacoumangos, N. New phase-modulation control technology for multiple output power supplies delivers ease of design and high performance using fewer components 29426
Tsacoyeanes, W. *see* Larsen, D. 43328
Tsai, A., Wider, J. MPEG video error concealment for ATM networks 25374
Tsai, C. *see* Chin, A. 41448
Tsai, C.-J., Katsaggelos, A.K. Optical flow estimation for multi-channel video sequences 56635
Tsai, C.D. *see* Yang, K.H. 19532
Tsai, C.S., Calciu, S., Lin, Y.S. Guided-wave magnetooptic Bragg diffraction efficiency enhancement using nonuniform bias magnetic field 33165
Tsai, C.S. *see* Jyh-Jier Ho 36556
Tsai, C.T., Chen, S.H., Chuu, D.S., Chou, W.C. Fabrication and physical properties of radio frequency sputtered $Cd_{1-x}Mn_xS$ thin films 921
Tsai, C.T. *see* Chou, W.C. 30697
Tsai, H. *see* Keyhani, A. 50953
Tsai, H.-L. *see* Lin, J.-M. 50276
Tsai, I.-W., Huang, C.-L. Hybrid cell loss concealment methods for MPEG-II-based packet video 26412
Tsai, J. *see* Bohr, M. 41067
Tsai, J.-H. *see* Cheng, C.-C. 54589
Tsai, J.-H. *see* Liu, W.-C. 54595
Tsai, J.-H. *see* Lour, W.-S. 54597
Tsai, J.-Y. *see* Sun, J.J. 54633
Tsai, J.L. *see* Rao, H.G. 6425
Tsai, J.S. *see* Nakamura, Y. 32463
Tsai, J.T. *see* Rao, H.G. 26766
Tsai, J.Y. *see* Osburn, C.M. 12822
Tsai, L.-C., Berkey, F.T., Stiles, G.S. Derivation and error analysis of echo phase parameters for the dynasonde 60046
Tsai, M.H. *see* Chen, J.F. 31944
Tsai, M.H. *see* Sun, S.C. 2436
Tsai, M.S., Wang, K.W. Control of a ring structure with multiple active-passive hybrid piezoelectrical networks 38930
Tsai, P.P. *see* Li, Y.J. 27528
Tsai, P.R. *see* Su, S.H. 40526
Tsai, R., Schuermeyer, F., Peatman, W.C.B., Shur, M. The optoelectronic response of a laterally contacted 2-D MESFET 13834
Tsai, R.H. *see* Chou, E.Y. 53498
Tsai, T., Barnett, S.A. Effect of LSM-YSZ cathode on thin-electrolyte solid oxide fuel cell performance 61069
Tsai, W., Mueller, G., Lindquist, R., Frazier, B., Vahedi, V. High selectivity plasma etching of silicon dioxide with a dual frequency 27/2 MHz capacitive radio frequency discharge 2334
Tsai, W.K. *see* Rentmeesters, M.J. 490
Tsai, Y. *see* Shibata, H. 31907
Tsai, Z. *see* Chiou, H.-B. 47174
Tsai Chang-Da *see* Chang-Da Tsai
Tsai Cheng-Kai *see* Cheng-Kai Tsai
Tsai Cheng-Liang *see* Cheng-Liang Tsai
Tsai Chi Huang *see* Melton, R.W. 1501
Tsai Chi-Taou *see* Chi-Taou Tsai
Tsai Chia-Ming *see* Chia-Ming Tsai
Tsai Chien-Chung *see* Chien-Chung Tsai
Tsai Chin-yu *see* Chin-yu Tsai

Tsai Ching-Long *see* Ching-Long Tsai
Tsai Chiou-Ming *see* Chiou-Ming Tsai
Tsai Chrong-Fa *see* Tzou An-Fu 50388
Tsai Chung-Hung *see* Chung-Hung Tsai
Tsai Din Ping *see* Din Ping Tsai
Tsai Du-Ming *see* Du-Ming Tsai
Tsai Duei *see* Duei Tsai
Tsai Fu-Sheng *see* Fu-Sheng Tsai
Tsai Han-Ping *see* Han-Ping Tsai
Tsai Hsiung-Kuang *see* Hsiung-Kuang Tsai
Tsai Hui-Min *see* Hui-Min Tsai
Tsai Jung Yu *see* Jung Yu Tsai
Tsai Jung-Hui *see* Jung-Hui Tsai
Tsai Jung-Shun *see* Jung-Shun Tsai
Tsai Jung-Yu *see* Jung-Yu Tsai
Tsai Junghui *see* Liu Wenchau 43085
Tsai Jyi-Chan *see* Jyi-Chan Tsai
Tsai Lieu Chi *see* Chi Tsai Lieu
Tsai Mi-Ching *see* Mi-Ching Tsai
Tsai Min-Jen *see* Min-Jen Tsai
Tsai Ming-Fa *see* Ming-Fa Tsai
Tsai Ming-Ju *see* Ming-Ju Tsai
Tsai Ming-Shih *see* Ming-Shih Tsai
Tsai Ming-Tsung *see* Ming-Tsung Tsai
Tsai Syh-Nan *see* Syh-Nan Tsai
Tsai Tsung-Ein *see* Tsung-Ein Tsai
Tsai Tsung-Han *see* Tsung-Han Tsai
Tsai Wei-Chang *see* Wei-Chang Tsai
Tsai Wen Chou *see* Wen Chou Tsai
Tsai Wen-Chung *see* Wen-Chung Tsai
Tsai Wen-Hao *see* Wen-Hao Tsai
Tsai Wen-Hsiang *see* Wen-Hsiang Tsai
Tsai Wen-Inne *see* Wen-Inne Tsai
Tsai Wu-Yang *see* Wu-Yang Tsai
Tsai Yao-Tsung *see* Yao-Tsung Tsai
Tsai Yau-Liang *see* Yau-Liang Tsai
Tsai Yeou-Jyh *see* Yeou-Jyh Tsai
Tsai Zse-Hong *see* Zse-Hong Tsai
Tsai Zsehong *see* Zsehong Tsai
Tsai-Fu Chang *see* Chao-Hsin Chien 22743
Tsai-Fu Chang *see* Chao-Hsin Chien 54291
Tsai-Hong Hong *see* Hongche Liu 5108
Tsai-Hsiang Chen, Shyi-Wen Wang Simplified three-phase lateral and feeder models for fast distribution system calculations 60380
Tsai-Hsiang Chen *see* Hung-Yuan Kuo 51781
Tsai-Hsiang Chen *see* Shyi-Wen Wang 60528
Tsai-Hsiang Chen *see* Chen Tsai-Hsiang
Tsair Kao *see* Chii-Wann Lin 15235
Tsair-Chin Lin *see* Wen-Jong Fang 40837
Tsakalides, P., Nikias, C.L. Broadband beamforming with alpha-stable distributions 15185
Tsakalides, P., Nikias, C.L. Robust adaptive beamforming in alpha-stable noise environments 25037
Tsakalides, P. *see* Raspanti, R. 6878
Tsakalides, P. *see* Tsihrintzis, G.A. 6922
Tsakalis, K.S. *see* El Adl, M.K. 39726
Tsakalis, K.S. *see* Lijuan Song 40570
Tsakiridou, S. *see* Stavrakakis, I. 35486
Tsakiris, G.D. *see* Siruktkaitis, V. 44410
Tsakmakis, C. *see* Huber, N. 52185
Tsalamengas, J.L. Direct singular integral equation methods in scattering from strip-loaded dielectric cylinders 4238
Tsalides, P. *see* Lygouras, J.N. 48152
Tsalides, P. *see* Tzionas, P. 22960
Tsalides, P.G. *see* Tzionas, P.G. 43284
Tsaliovich, A. *see* Berger, H.S. 45200
Tsamakis, D.M., Ioannides, M.G., Nicolaides, G.K. Torque transfer through plastic bonded $Nd_2Fe_{14}B$ magnetic gear system 3265
Tsamis, C., Kouvatsos, D.N., Tsoukalas, D. Influence of N_2O oxidation of silicon on point defect injection kinetics in the high temperature regime 2347
Tsamis, C. *see* Tsoukalas, D. 32423
Tsamis, C. *see* Tsoukalas, D. 54280
Tsaneva, V. *see* Donchev, T. 55149
Tsang, C., Manthiram, A. A new route for the synthesis of $LiMn_2O_4$ cathode: variation of composition, microstructure, and electrochemical behavior with synthesis temperature 19967
Tsang, C., Manthiram, A. Synthesis of nanocrystalline VO_2 and its electrochemical behavior in lithium batteries 51454
Tsang, C., McCown, D., Robertson, N., Santini, H., Lo, J., Lee, R. 3 Gbit/in² recording demonstration with dual element heads and thin film disks 43675
Tsang, C.-C., Stiteler, M.R., Ume, C. Real time measurement of printed wiring board flatness in a simulated manufacturing environment 31588
Tsang, D.H.K., Bensaou, B., Chan, K.T. Credit-based fair queueing for ATM networks 16071
Tsang, D.H.K., Wong, W.K.F. A two-level flow control scheme for ABR traffic in ATM networks 16317
Tsang, D.H.K. *see* Chan, K.T. 46696
Tsang, D.H.K. *see* Chi-Chung Cheung 5885
Tsang, D.H.K. *see* Hon-Wai Chu 46652
Tsang, D.H.K. *see* Lauderdale, J. 5925
Tsang, D.H.K. *see* Ni, J. 5771
Tsang, D.H.K. *see* Wong, W.K.F. 46618
Tsang, D.Z. *see* Liau, Z.L. 30325
Tsang, E., Reis, J. "Mt. Dioxin"–a numerical problem to teach engineering ethics 20664
Tsang, E.K. *see* Cheung, C.S. 26248
Tsang, H.K. *see* An Hui Liang 17824
Tsang, H.K. *see* Liang, A.H. 17835
Tsang, H.K. *see* Ziping Jiang 14137
Tsang, H.K. *see* Ziping Jiang 55642
Tsang, J.C., Kash, J.A. Picosecond hot electron light emission from submicron complementary metal-oxide-semiconductor circuits 32541
Tsang, J.C. *see* Kash, J.A. 43304
Tsang, K.F., Shi, W.M., Zhang, W.X. Analysis of rectangular-groove guide by using the Method of Lines 56100
Tsang, K.F. *see* Kai Kang 56099
Tsang, K.F. *see* Shi, W.M. 34281
Tsang, K.F. *see* Shi, W.M. 45346
Tsang, L. *see* Johnson, J.T. 34041
Tsang, L. *see* Zhang, G. 50237
Tsang, M.B. *see* Weathers, L.W. 37277
Tsang, P.W.M., Lee, W.T. A novel interpolative codec for low bit rate applications 56960
Tsang, P.W.M. *see* Tsang, W.H. 56658
Tsang, R.M.C. *see* Cheung, E.S.H. 16935
Tsang, R.P., Keattithananant, P., Chang, T., Hsieh, J., Du, D.H.C. Dynamic resource control for continuous media traffic over ATM networks 26024
Tsang, S., Magill, E.H., Kelly, B. The feature interaction problem in networked multimedia services: present and future 35811
Tsang, T., Krumbugel, M.A., Delong, K.W., Fittinghoff, D.N., Trebino, R. Frequency-resolved optical grating using surface third-harmonic generation 17832
Tsang, W.H., Tsang, P.W.M. Suppression of false edge detection due to specular reflection in color images 56658
Tsang, W.T. *see* Morton, P.A. 16819
Tsang, W.T. *see* Shih, M.-H. 36155
Tsang, W.T. *see* Tanbun-Ek, T. 55691
Tsang, Y.L. *see* Kuan-Yu Fu 43004
Tsang, Y.L. *see* Kuan-Yu Fu 54656
Tsang Hsu Juei *see* Juei Tsang Hsu
Tsang Kwok Yeung *see* Kwok Yeung Tsang
Tsang Leung *see* Leung Tsang
Tsang-Sum Huang *see* Bor-Ren Lin 9402
Tsangaris, G.M., Kouloumbi, N., Psarras, G.C., Manolakaki, E., Ponticoupoulos, G., Tsekouras, D. Conductivity and percolation in polymeric particulate composites of epoxy resin and conductive fillers 43509
Tsao, B.H., Carr, S.F., Weimer, J.A. Sputtered barium titanate films for capacitor applications 11776
Tsao, J.C. *see* Weston, M.W. 38550
Tsao, P.-H. *see* Voloshin, A.S. 36496
Tsao, T. *see* Gupta, B. 23056
Tsao Chung-Yang *see* Chung-Yang Tsao
Tsao Hen-Wai *see* Hen-Wai Tsao
Tsao Shiao-Li *see* Shiao-Li Tsao
Tsaoi, C.O. *see* Bakal, B. 9055
Tsaoi, C.O. *see* Bakal, B. 38512
Tsap, B., Pister, K.S.J., Fetterman, H.R. MEMS orientational optomechanical media for microwave nonlinear applications 11713
Tsap, B. *see* Chang, Y. 34393
Tsap, B. *see* Fetterman, H.R. 45460
Tsapelas, T. *see* Chryssaphinou, O. 39938
Tsarapkin, D.P. Noise in combined frequencies oscillators 11703
Tsarenkov, B.V. *see* Gol'dberg, Yu.A. 7330
Tsarenkov, G.V. *see* Reznikov, B.I. 42327
Tsarev, S.P. An algorithm for complete enumeration of all factorizations of a linear ordinary differential operator 21070
Tsarev, V.A. *see* Aleksandrov, K.V. 17352
Tsarouchas, D. *see* Schoning, M.J. 27486
Tsatsanis, M.K. Inverse filtering criteria for CDMA systems 26485
Tsatsanis, M.K., Giannakis, G.B. Blind identification of time-varying channels using second-order statistics 5697
Tsatsanis, M.K., Giannakis, G.B. Blind estimation of direct sequence spread spectrum signals in multipath 6489
Tsatsanis, M.K., Giannakis, G.B. Optimal decorrelating receivers for DS-CDMA systems: a signal processing framework 16552
Tsatsanis, M.K., Giannakis, G.B. Coding induced cyclostationarity for blind channel equalization 34891
Tsatsanis, M.K., Giannakis, G.B. Beamforming techniques for multiuser detection in CDMA systems 35471
Tsatsanis, M.K., Giannakis, G.B. Blind estimation of direct sequence spread spectrum signals in multipath 58126
Tsatsanis, M.K., Giannakis, G.B., Zhou, G. Estimation and equalization of fading channels with random coefficients 4263
Tsatsanis, M.K., Giannakis, G.B., Zhou, G. Estimation and equalization of fading channels with random coefficients 16013
Tsatsoulis, C. *see* Leen-Kiat Soh 8487
Tsatsoulis, C. *see* Leen-Kiat Soh 8488
Tsatsul'nikov, A.F., Ledentsov, N.N., Maksimov, M.V., Egorov, A.Yu., Zhukov, A.E., Ruvimov, S.S., Ustinov, V.M., Komin, V.V., Kochnev, I.V., Kop'ev, P.S., Alferov, Zh.I., Bimberg, D. Identification of radiative recombination channels in quantum dot structures 12383
Tsatsul'nikov, A.F., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maksimov, M.V., Kop'ev, P.S. Photoluminescence of $In_{0.53}Ga_{0.47}As/In_{0.52}Al_{0.48}As$ heterostructures with two-sided doping 12328
Tsatsul'nikov, A.F. *see* Kop'ev, P.S. 23931
Tsatsul'nikov, A.F. *see* Krestnikov, I.L. 42141
Tsatsul'nikov, A.F. *see* Maksimov, M.V. 44463
Tsatsul'nikov, A.F. *see* Zhukov, A.E. 41934
Tsatsul'nikov, A.F. *see* Zhukov, A.E. 44487
Tsaturian, V.V. *see* Timofeev, F.N. 58338
Tsaur Isu-Kuen *see* Isu-Kuen Tsaur
Tsay, C.L., Chun, H.S., Wu, L.M., Kwan, K.S. Development of the versatile electronic ballast for metal halide lamps with phase-shift soft-switching control 39373
Tsay, M.-S. *see* Harrington, J.T. 13091
Tsay, R.J. *see* Ku, Y.S. 27250
Tsay, R.J. *see* Ku, Y.S. 27291
Tsay Jong-Chuang *see* Jong-Chuang Tsay
Tsay Mu-King *see* Mu-King Tsay
Tsay Wen-Chin *see* Wen-Chin Tsay
Tsay Yu-Wen *see* Yu-Wen Tsay
Tsay-Der Lin *see* Yung-Sheng Chen 5369
Tschache, O., Sieh, V. ATOMS–a tool for automatic optimization of gate level VHDL models for simulation 31068
Tschammer, V.K. Future telecommunications–an object world? 35551
Tscharner, R. *see* Keppner, H. 39031
Tschegg, E.K. *see* Humer, K. 52892
Tscheliessnigg, K. *see* Hutten, H. 37789
Tscheliessnigg, K. *see* Schreier, G. 28362
Tscheliessnigg, K.H. *see* Schreier, G. 49735
Tscheliessnigg, K.H. *see* Schreier, G. 59571
Tschepe, J., Desinger, K., Muller, G., Stein, T. Laser ultrasound surgical therapy (LUST) 28414
Tschepe, J., Desinger, K., Stein, T., Mueller, G. Simultaneous transmission of laser radiation and ultrasound via silica glass fibers 33004
Tscherptner, N. *see* Ducellier, T. 47962
Tscheuschner, R.D., Wieck, A.D. Quantum ballistic transport in in-plane-gate transistors showing onset of a novel ferromagnetic phase transition 32469
Tschichholz, M. Integrated management of open telecommunication service 26019
Tschudi, T. *see* Honda, T. 14368
Tschudi, T. *see* Schosser, A. 23524
Tschudi, T. *see* Schreiber, A. 44104
Tschudi, T. *see* Tilsch, M. 889
Tschudin, P. *see* Rauber, C. 57319
Tse, C. *see* Marks, S. 42627
Tse, C.K. *see* Chan, W.C.Y. 1135
Tse, C.K. *see* Tang, P.T. 60851
Tse, C.K. *see* Zeng, X. 41361
Tse, E.K. *see* Vaahedi, E. 19039
Tse, K.K. *see* Chung, H. 9327
Tse, K.K. *see* Wong, B.K.H. 40867
Tse, K.W. *see* Ni, J.Q. 5156
Tse, M. *see* Liu, L. 54510
Tse, P.W., Zuckerman, M., Le Faucheur, F. Performance and fairness issues related to the EFCI rate-based flow control for the ABR service in ATM networks 25863
Tse, S.S.H., Lau, F.C.M. A lower bound for interval routing in general networks 25976
Tse, W.L. *see* So, A.T.P. 20570
Tse Chi-Yin *see* Chi-Yin Tse
Tse-En Chang *see* Tahui Wang 2660
Tseitlin, M. *see* Rosenman, G. 1908
Tsekouras, D. *see* Tsangaris, G.M. 43509
Tseluyko, A.Ph. *see* Bizioukov, A.A. 7774
Tsen, K.T., Ferry, D.K., Jye-Shyang Wang, Chao-Hsiung Huang, Hao-Hsiung Lin Transient subpicosecond Raman studies of electron velocity overshoot in an InP p-i-n nanostructure semiconductor 12342
Tsen, K.T., Joshi, R.P., Salvador, A., Botcharev, A., Morkoc, H. Quantitative assessment of the effects of carrier screening on the average electric field in a GaAs-based p-i-n nanostructure under subpicosecond laser excitation 31940
Tsen, S.-C.Y. *see* Almeida, L.A. 709
Tsen, S.-C.Y. *see* Almeida, L.A. 719
Tsen, S.-C.Y. *see* Martin, G.A. 21254
Tsen, S.-C.Y. *see* Smith, D.J. 31861
Tsen, S.-C.Y. *see* Sverdlov, B.N. 21269
Tsen-Hwang Lin *see* Randall, J.N. 23026
Tsenchieh Chiu *see* Sarabandi, K. 8507
Tseng, A.A., Wang, G.-X. Application of laser cutting and linking technology for restructuring interconnections in microelectronic devices 22627
Tseng, B. *see* Chan, K.K. 32996
Tseng, B. *see* Goossen, K.W. 16494
Tseng, B. *see* Goossen, K.W. 33324
Tseng, B. *see* Krishnamoorthy, A.V. 33185
Tseng, B. *see* Rolston, D.R. 3662
Tseng, B. *see* Rolston, D.R. 33325
Tseng, B.J. *see* Lentine, A.L. 3660
Tseng, B.T. *see* Lentine, A.L. 33316
Tseng, C.-C. *see* Wang, L.Y.-R. 6142
Tseng, F.C. Foundry technologies 39743
Tseng, H.C. *see* Huang, G.W. 30748
Tseng, H.C. *see* Yew, J.Y. 10722
Tseng, J.-C. *see* Loong, W.-A. 2463
Tseng, K.J., Wang, Y., Vilathgamuwa, D.M. Development of a dynamic model of electric arc for power electronics simulations 32646
Tseng, P.K. *see* Hwang, C.S. 7723
Tseng, P.K. *see* Hwang, C.S. 37043
Tseng, R., Chen, P.I. Thermal performance of Pentium™ microprocessors 31304
Tseng, S., Babu, M., Niksa, M., Coin, R. Electrochemical regeneration of iron-chelates for combined NO_x and SO_2 removal from combustion flue gas 29097
Tseng, T.Y. *see* Lin, W.J. 10883

Tseng, W.F., Chandler-Horowitz, D., Papanicolaou, N.A., Boos, J.B. Interdigitated hetero InGaAs/GaAs n-i-p-i modulators 13708
Tseng, W.F. *see* Anderson, G.W. 33269
Tseng, Y.C., Collett, J., Vu, T.O., Cable, J.S., Woo, J.C.S. Analysis of edge effects in the mesa isolated nMOS SOI 22964
Tseng, Y.W. *see* Yedavalli, R.K. 2995
Tseng Bin-Chyi *see* Bin-Chyi Tseng
Tseng Chia-Lian *see* Chia-Lian Tseng
Tseng Chien-Cheng *see* Chien-Cheng Tseng
Tseng Ching-Hsiang *see* Ching-Hsiang Tseng
Tseng Ching-Tar *see* Ching-Tar Tseng
Tseng Ching-Yih *see* Ching-Yih Tseng
Tseng Chiu-Yu *see* Chiu-Yu Tseng
Tseng Chung-Li *see* Chung-Li Tseng
Tseng Guan-Shu *see* Guan-Shu Tseng
Tseng Hsien-Hui *see* Hsien-Hui Tseng
Tseng Jin-Chi *see* Jin-Chi Tseng
Tseng Jyh-Mou *see* Jyh-Mou Tseng
Tseng King-Jet *see* King-Jet Tseng
Tseng Sheng-Tsaing *see* Sheng-Tsaing Tseng
Tseng Shian-Shyong *see* Shian-Shyong Tseng
Tseng Shiao-Min *see* Shiao-Min Tseng
Tseng Shih-Der *see* Shih-Der Tseng
Tseng Tseung Yuen *see* Tseung Yuen Tseng
Tseng Tseung-Yuen *see* Tseung-Yuen Tseng
Tseng Tzu-Feng *see* Tzu-Feng Tseng
Tseng Wang-Dauh *see* Wang-Dauh Tseng
Tseng Wei-Tsu *see* Wei-Tsu Tseng
Tseng Weitsu, Liu Chiwen, Dai Bautong, Yeh Chingfa Effects of mechanical characteristics on the chemical-mechanical polishing of dielectric thin films 43419
Tseng Ying-Che *see* Ying-Che Tseng
Tseng Yu-Chee *see* Yu-Chee Tseng
Tseng Yuh-Min *see* Yuh-Min Tseng
Tsentalovich, E. *see* Zwart, T. 36368
Tsenter, B., Schwartzmiller, F. Universal charge algorithm for telecommunication batteries 61024
Tserbak, C., Theodorou, G. Direct gap Si/Ge superlattices strained along the [110] and [111] directions 2166
Tsern, E. *see* Gordon, B.M. 26233
Tsern, E.K., Meng, T.H. A low power video-rate pyramid VQ decoder 5024
Tserng Hua-Quen *see* Hua-Quen Tserng
Tsertos, H. *see* Schicker, R. 18140
Tseung, A.C.C., Shen, P.K., Chen, K.Y. Precious metal/hydrogen bronze anode catalysts for the oxidation of small organic molecules and impure hydrogen 20008
Tseung, A.C.C. *see* Badini, G.E. 17859
Tseung Yuen Tseng *see* Wen Chou Tsai 30903
Tseung-Yuen Tseng *see* Yih-Shing Lee 2741
Tseung-Yuen Tseng *see* Yih-Shing Lee 52843
Tsiatouhas, Y., Haniotakis, T., Nikolos, D., Paschalis, A., Halatsis, C. Hierarchical robust test generation for CMOS circuit stuck-open faults 43257
Tsiboukis, T.D. *see* Kantartzis, N.V. 45070
Tsiboukis, T.D. *see* Rekanos, I.T. 52904
Tsiboukis, T.D. *see* Rekanos, J.T. 44887
Tsiboukis, T.D. *see* Theodoulidis, T.P. 44947
Tsiboukis, T.D. *see* Yioultsis, T.V. 44886
Tsibulkin, L.M. *see* Stefanov, V.A. 46043
Tsidilkovski, E. *see* Ashkinadze, B.M. 2176
Tsidil'kovskii, I.M., Kuleev, I.G., Lerinman, N.K., Lonchakov, A.T., Sabirzyanova, T.D., Paranchich, S.Yu. Electron transport in gapless semiconductors doped with spatially correlated and spatially disordered impurities 31849
Tsien Peihsin *see* Liu, A. 32405
Tsien Peihsin *see* Liu Zheng 2283
Tsien Peihsin *see* Zhan Changqing 13181
Tsien Peixin *see* Sun Xiqing 38765
Tsigas, P. *see* Garg, N. 16094
Tsihrintzis, G.A., Nikias, C.L. Evaluation of fractional, lower-order statistics-based detection algorithms on real radar sea-clutter data 48050
Tsihrintzis, G.A., Nikias, N.L. Robust signal processing with alpha-stable distributions 34878
Tsihrintzis, G.A., Tsakalides, P., Nikias, C.L. Signal detection in severely heavy-tailed radar clutter 6922
Tsihrintzis, G.A., Tureli, U., Nikias, C.L. Fractional lower-order statistics-based ambiguity functions for differential delay Doppler estimation 15149
Tsihrintzis, G.A. *see* Nandhakumar, N. 25631
Tsihrintzis, V.A., Stuart, J.A., Resnick, M.L., Pittenger, E. The Gateway MYMUP Project: experience from a pilot implementation at Florida International University 20480
Tsiklauri, G. CCGT+LWR=the power plant of the future? 9063
Tsikrikas, G.N., Serafetinides, A.A. The effect of voltage pulse polarity on the performance of a sliding discharge pumped HF laser 13971
Tsikrikas, G.N., Serafetinides, A.A. Discharge and circuit simulation of a plasma cathode TEA HF laser operating with a $He/SF_6/C_3H_8$ gas mixture 23730
Tsikrikas, G.N., Serafetinides, A.A., Papyannis, A.D. Development of a sliding discharge pumped HF laser 3680
Tsimring, M.Sh. *see* Rabinovich, M.I. 4833
Tsimring, Sh.E. *see* Zapevalov, V.E. 7726
Tsin Yanghai *see* Yanghai Tsin
Tsintsadze, Z., Kutelia, E., Kutelia, B., Kharashvili, O. The possibility of a combined detector for ionising radiation 8201
Tsiotsios, E.N. *see* Kolyvas, G.T. 26434
Tsiounis, Y. *see* Chan, A. 4567
Tsiounis, Y. *see* Frankel, Y. 14797
Tsipenyuk, D.Y., Davydov, M.A. Using selective resonance exitation in remote laser spark spectroscopy 8553
Tsipenyuk, Yu.M., Zakirov, B.S., Firsov, V.I., Kondrat'eva, G.I. Investigation of the neutron field in an asymmetric cavity inside a hydrogen-containing photoneutron moderator 59189
Tsipolitis, G. *see* Brock, I.C. 37039
Tsiporkova-Hristoskova, E., De Baets, B., Kerre, E. A fuzzy inclusion based approach to upper inverse images under fuzzy multivalued mappings 10293
Tsirlina, T., Cohen, S., Cohen, H., Sapir, L., Peisach, M., Tenne, R., Matthaeus, A., Tiefenbacher, S., Jaegermann, W., Ponomarev, E.A., Levy-Clement, C. Growth of crystalline WSe_2 and WS_2 films on amorphous substrate by reactive (Van der Waals) rheotaxy 30767
Tsirlina, T. *see* Matthaus, A. 54128
Tsitsiklis, J.N. *see* Bertsimas, D. 403
Tsitsikyan, G.N. *see* Kuznetsov, I.F. 53700
Tsitsilaino, A.D. *see* Blonskii, I.V. 54017
Tsiulyanu, D., Golban, G., Kolomeyko, E., Gumeniuc, N., Melnic, O., Marian, S. Dimorphite based UV detectors 48564
Tsiulyanu, D.I. *see* Bivol, V.V. 42257
Tsividis, Y. Externally linear, time-invariant systems and their application to companding signal processors 34730
Tsividis, Y.P. *see* Vavelidis, K. 23017
Tskhai, S.N., Blok, F.J., Udalov, Yu.B., Peters, P.J.M., Witteman, W.J., Ochkin, V.N. Spatial gain profiles of a continuous wave radio-frequency pumped atomic xenon laser 44364
Tskhai, S.N. *see* Ochkin, V.N. 23752
Tskhovrebov, A.M. *see* Beloushkin, A.A. 41471
Tso, C.P. *see* Xu, G.P. 20874
Tso, C.P. *see* Xu, G.P. 39779
Tso, M.M., Gillespie, D.J., Romrell, D.A. Always on, always connected mobile computing 47784
Tso, S.K., Zhu, T.X., Zeng, Q.Y., Lo, K.L. Evaluation of load shedding to prevent dynamic voltage instability based on extended fuzzy reasoning 60254
Tso, S.K. *see* Wei Li 27896
Tso, S.K. *see* Xu, W.L. 27902
Tsogoeva, S.A. *see* Denisov, L.K. 44373
Tsoi, E., Wong, K.P. Artificial intelligence algorithms for short term scheduling of thermal generators and pumped-storage 60199
Tsoi, E. *see* Halmagean, E. 49576
Tsoi, E. *see* Tsoukalas, D. 32423
Tsoi Ah Chung *see* Ah Chung Tsoi
Tsong, I.S.T. *see* Jones, D.E. 7601
Tsong, T.T. *see* Byungyou Hong 40606
Tsong-Ho Wu, Korpeoglu, I., Bo-Chao Cheng Distributed interactive video system design and analysis 48250
Tsong-Liang Huang *see* I-Sheng Chou 38201
Tsong-Ming Chen, C. *see* Yassine, A.M. 17762
Tsorng-Dih Yuan Thermal management in PowerPC microprocessor multichip modules applications 53351
Tsorng-Dih Yuan *see* Bor Zen Hong 262
Tsorng-Lin Chia, Zen Chen, Chaur-Jou Yueh Curved surface reconstruction using a simple structured light method 5306
Tsou, B.H. *see* Geiselman, E.E. 18641
Tsou, B.P.C., Pulfrey, D.L. A versatile SPICE model for quantum-well lasers 23969
Tsou, H. *see* Simon, M. 4435
Tsou, J.J. *see* Hartmann, G.K. 8419
Tsou Ren-Han *see* Ren-Han Tsou
Tsoukalas, D., Mourjopoulos, J., Kokkinakis, G. Low bit-rate speech coding by perceptually optimized noise excitation modulation 56372
Tsoukalas, D., Tsamis, C., Kouvatsos, D., Skarlatos, D. Estimation of point defect fundamental properties using SOI structures and devices 54280
Tsoukalas, D., Tsamis, C., Kouvatsos, D.N., Revva, P., Tsoi, E. Reduction of the reverse short channel effect in thick SOI MOSFET's 32423
Tsoukalas, D. *see* Kouvatsos, D.N. 12951
Tsoukalas, D. *see* Tsamis, C. 2347
Tsoukalas, D.E., Mourjopoulos, J., Kokkinakis, G. Perceptual filters for audio signal enhancement 48266
Tsoukatos, K.P. *see* Squillante, M.S. 46692
Tsoulos, G.V., Beach, M.A. Deployment of adaptive antenna systems in microcells 35991
Tsoupas, N. *see* Kponou, A. 49195
Tsoupko-Sitnikov, V.M. *see* Adam, J. 59352
Tsourikov, V. Finding the systematic approach to new product development 20810
Tsu, H. *see* Suga, Y. 8319
Tsu, R., Boeringer, D.W., Nicollian, E.H. Tunneling in nanoscale silicon particles embedded in an a-SiO_2 matrix 2586
Tsu-Chang Lee, Cong, J. The new line in IC design 43172
Tsu-Hua Ai *see* Jiann-Fuh Chen 43008
Tsu-Jae King Trends in polycrystalline-silicon thin-film transistor technologies for AMLCDs 17691
Tsu-Jae King *see* Bernstein, J.D. 2628
Tsu-Jae King *see* Shu Qin 12669
Tsu-Shuan Chang *see* Jian Yang 39727
Tsubakihara, H. *see* Hayashi, K. 54917
Tsubakino, S. *see* Nanto, H. 17584
Tsubo, T. *see* Ter-Mikirtychev, V.V. 55550
Tsuboi, A. *see* Kathuria, Y.P. 14483
Tsuboi, A. *see* Kathuria, Y.P. 14486
Tsuboi, A. *see* Kathuria, Y.P. 24314
Tsuboi, E. *see* Huang, R. 57686
Tsuboi, E. *see* Runhe Huang 46805
Tsuboi, H., Asahara, T., Kobayashi, F., Misaki, T. Eddy current analysis on thin conducting plate by an integral equation method using edge elements 44956
Tsuboi, H., Takebayashi, Y., Hashimoto, H. Spontaneous speech understanding method based on LR parsing of keyword lattice 56382
Tsuboi, K., Hirotsuka, I., Ishibashi, F. Causes and characteristics of the electromagnetic vibration of a squirrel cage induction motor under loaded condition 38736
Tsuboi, K., Itoh, Y. Present technologies of motors and drive systems for electric vehicles. III. The characteristics and practical use of electric vehicle motors–examples for DC motors and induction motors 29754
Tsuboi, K. *see* Matsui, K. 29412
Tsuboi, K. *see* Matsui, K. 51217
Tsuboi, K. *see* Mizuno, T. 29756
Tsuboi, K. *see* Ueda, F. 38884
Tsuboi, S. *see* Fujii, K. 21669
Tsuboi, T., Fujii, T., Ono, S., Uematsu, H., Hoshino, T. Super high definition-based on-line medical system over the ATM transport network 49380
Tsuboi, T., Ter-Mikirtychev, V.V. Photochemical processes during $LiF:F_3^+$ color center lasing 3793
Tsuboi, T. *see* Alpat'ev, A.N. 55544
Tsuboi, T. *see* Ashikaga, K. 22680
Tsuboi, Y. *see* Tsukise, K. 57157
Tsubokawa, T. *see* Hanada, H. 18784
Tsubone, T., Mitsubori, K., Saito, T. Stabilizing high-period orbits in chaos and generation of islands: a piecewise linear approach 1112
Tsubota, H. *see* Kushiro, N. 10017
Tsubouchi, K. *see* Masu, K. 2435
Tsubouchi, N. *see* Horino, Y. 37188
Tsubouchi, N. *see* Takano, H. 22661
Tsubouchi, T. *see* Inaba, N. 45625
Tsubouchi, T. *see* Koyanagi, T. 31914
Tsuboyama, T. *see* Miyata, H. 37384
Tsuboyama, T. *see* Senyo, K. 37386
Tsuchida, H. Generation of tunable amplitude-squeezed lights 14356
Tsuchida, H., Fujimoto, K. Intelligent dynamic service provisioning architecture in the multimedia era 6294
Tsuchida, H., Fujimoto, K. A new service provisioning method in the multimedia/B-ISDN era 26275
Tsuchida, H., Suzuki, W., Hashimoto, H. Ku-band 600 W traveling wave tubes for earth stations 31714
Tsuchida, H. *see* Matsugata, K. 51378
Tsuchida, H. *see* Nobe, T. 31715
Tsuchida, H. *see* Nose, M. 35790
Tsuchida, K. *see* Hatori, M. 32999
Tsuchida, K. *see* Maeda, N. 40658
Tsuchida, K. *see* Nakano, H. 1405
Tsuchida, K. *see* Tanaka, Y. 22256
Tsuchida, M., Suzuki, T., Ueda, H., Kida, T., Yano, M. An ATM subscriber line transmission system 58040
Tsuchida, N., Ikeda, M., Kamae, T., Kokubun, M. Temperature dependence of gamma-ray excited scintillation time profile and light yield of GSO, YSO, YAP and BGO 44228
Tsuchida, N. *see* Kamae, T. 37359
Tsuchida, N. *see* Komatsu, M. 27561
Tsuchida, N. *see* Shibata, Y. 29293
Tsuchida, T. *see* Ando, M. 36733
Tsuchida, W. *see* Nishizawa, S. 37913
Tsuchihashi, K. *see* Sato, H. 26526
Tsuchihashi, R., Takada, J.-I. Wideband design of a single-layered RLSA 14726
Tsuchimoto, M. *see* Kojima, T. 13526
Tsuchimoto, M. *see* Morikawa, K. 43756
Tsuchioka, N. *see* Amemiya, N. 43772
Tsuchitani, S. *see* Sasayama, T. 13173
Tsuchiya, A. *see* Miyadera, Y. 26213
Tsuchiya, C. *see* Yamauchi, T. 13151
Tsuchiya, F. *see* Yoshidaya, H. 23701
Tsuchiya, H., Itoh, S., Watanabe, S. A binary structured segmentation-based noiseless image coding scheme using MDL principle 46094
Tsuchiya, H., Sunaba, K., Yonemura, S., Suemasu, T., Hasegawa, F. Cubic dominant GaN growth on (001) GaAs substrates by hydride vapor phase epitaxy 30763
Tsuchiya, H., Takeuchi, A., Matsuo, A., Hasegawa, F. Dependence of the HVPE GaN epilayer on GaN buffer layer for GaN direct growth on (001) GaAs substrate 30841
Tsuchiya, H. *see* Okawa, Y. 12482
Tsuchiya, K., Ohuchi, N., Morita, Y., Kabe, A., Sugahara, R., Ogitsu, T. Operational experience and reliability of the cryogenic systems for the TRISTAN insertion quadrupole magnets 49011
Tsuchiya, K. *see* Aita, K. 22691
Tsuchiya, M. Fast computation algorithm for the discrete Fourier transform (DFT) of a real-valued sequence 30680

Tsuchiya, M. *see* Hoshida, T. 14148
Tsuchiya, M. *see* Hoshida, T. 44467
Tsuchiya, M. *see* Hoshida, T. 44586
Tsuchiya, M. *see* Hoshida, T. 55715
Tsuchiya, M. *see* Koide, T. 21427
Tsuchiya, M. *see* Kuriyama, S. 36438
Tsuchiya, M. *see* Lee, J. 33208
Tsuchiya, M. *see* Miyamoto, M. 3873
Tsuchiya, M. *see* Thapliya, R. 25528
Tsuchiya, M. *see* Uchiyama, Y. 3867
Tsuchiya, M. *see* Uchiyama, Y. 24252
Tsuchiya, S. *see* Avrillon, S. 59250
Tsuchiya, S. *see* Kimura, S. 56181
Tsuchiya, S. *see* Kudoh, Y. 11758
Tsuchiya, T. Stability and reliability of fully-depleted SOI MOSFETs 54809
Tsuchiya, T., Babuska, I. A priori error estimates of finite element solutions of parametrized strongly nonlinear boundary value problems 40270
Tsuchiya, T., Furuse, Y., Yoshino, S., Chikami, R., Tsukuda, Y., Mori, M. Development of air-cooled ceramic nozzles for a power-generating gas turbine 29105
Tsuchiya, T., Nishio, G.-I., Morisaki, M. Evolution of network functions and service conceptions for a new regional personal-computer communication system 57782
Tsuchiya, T., Okamuro, T., Kagawa, Y. Numerical simulation of electromagnetic induction transducers for acoustic radiation 14532
Tsuchiya, T., Tabata, O., Sakata, J., Taga, Y. Tensile testing of polycrystalline silicon thin films using electrostatic force grip 21413
Tsuchiya, T. *see* Douseki, T. 54783
Tsuchiya, T. *see* Endoh, N. 7945
Tsuchiya, T. *see* Harada, M. 1239
Tsuchiya, T. *see* Ikeda, K. 2838
Tsuchiya, T. *see* Inokawa, H. 2813
Tsuchiya, T. *see* Monteiro, R.D.C. 10238
Tsuchiya, T. *see* Muraoka, T. 48777
Tsuchiya, T. *see* Nakajima, N. 5643
Tsuchiya, T. *see* Nakashima, S. 22971
Tsuchiya, T. *see* Okayama, H. 51248
Tsuchiya, T. *see* Saito, H. 5779
Tsuchiya, T. *see* Yamashita, M. 9237
Tsuchiya, Y., Kajiyama, S., Kano, Y., Matsumura, Y., Ichiura, S. Digital video disc/compact disc compatible pick-up with liquid crystal shutter 48246
Tsuchiya, Y. *see* Aoshima, S.-I. 44413
Tsuchiya, Y. *see* Hayashi, Y. 2443
Tsuchiyay, T. *see* Fujioka, M. 18977
Tsuda, H., Hirano, A., Takahashi, R., Sato, K., Hagimoto, K. 3 ps, 2.4 Gbit/s all-optical pulse discrimination experiment: all-optical regenerator based on a high-speed saturable absorber optical gate 23620
Tsuda, H. *see* Koura, N. 61038
Tsuda, K., Senda, S., Minoh, M., Ikeda, K. Sequential fuzzy cluster extraction and its robustness against noise 25721
Tsuda, K. *see* Mukae, K. 2228
Tsuda, K. *see* Mukae, K. 22433
Tsuda, K. *see* Sumi, Y. 40946
Tsuda, K. *see* Sumi, Y. 53062
Tsuda, M., Hata, M., Araki, E., Oikawa, S. Adatom migrations and nucleations on reconstructed (001) surfaces. I. Si 12172
Tsuda, R. *see* Yae, S. 9545
Tsuda, S., Knox, W.H., Cundiff, S.T., Jan, W.Y., Cunningham, J.E. Mode-locking ultrafast solid-state lasers with saturable Bragg reflectors 55905
Tsuda, S., Knox, W.H., Zyskind, J.L., Cunningham, J.E., Jan, W.Y., Pathak, R. Broadband compact mode-locked Er/Yb:fiber laser 33404
Tsuda, S. *see* Collins, B.C. 33447
Tsuda, S. *see* Ford, J.E. 36176
Tsuda, S. *see* Kameda, M. 39128
Tsuda, S. *see* Maruyama, E. 9537
Tsuda, S. *see* Maruyama, E. 30901
Tsuda, S. *see* Muruyama, E. 30862
Tsuda, S. *see* Terakawa, A. 20031
Tsuda, T. *see* Gavrilov, N.M. 50064
Tsuda, T. *see* Igarashi, K. 50050
Tsuda, T. *see* Masuda, K. 18239
Tsuda, T. *see* Nagakura, T. 17559
Tsudaka, K. *see* Kawahira, H. 22632
Tsudaka, K. *see* Ueshima, M. 1360
Tsudik, G. *see* Asokan, N. 16289
Tsudik, G. *see* Hauser, R. 46720
Tsuei, B.Y. *see* Yang, K.H. 19532
Tsuen Lin Jiann *see* Jiann Tsuen Lin
Tsuen-Lin Lee, Jin-Shung Liu, Hao-Hsiung Lin Incorporation of group V elements in $Ga_xIn_{1-x}As_yP_{1-y}$ grown by gas source molecular beam epitaxy 10739
Tsugami, M. *see* Shima, A. 55635
Tsuge, R. *see* Oki, I. 60966
Tsuhan Chen *see* Rao, R.R. 25383
Tsuhan Chen *see* Yiu-Fai Wong 28139
Tsui, B.Y. *see* Chen, L.J. 41849
Tsui, B.Y. *see* Chen, L.J. 42689
Tsui, D.C. *see* Chen, C.J. 48545
Tsui, D.C. *see* Engel, L.W. 12472
Tsui, D.C. *see* Stormer, H.L. 12470
Tsui, E. *see* Thucydides, G. 42189
Tsui, F.-C., Li, C.-C., Sun, M., Sclabassi, R.J. Acquiring, modeling, and predicting intracranial pressure in the intensive care unit 59745
Tsui, H.-T. *see* Yi-Bing Yang 5068
Tsui, H.T., Kong, S.H., Chan, C.W. Feature tracking from an image sequence using affine invariance and Hough transform 35138
Tsui, H.T. *see* Ying-Li Tian 5079
Tsui, H.T. *see* Ying-Li Tian 15567
Tsui, H.T. *see* Ying-Li Tian 46016
Tsui, J.B.Y. *see* Akos, D.M. 27109
Tsui Chia-Chi *see* Chia-Chi Tsui
Tsui Fu-Chiang *see* Fu-Chiang Tsui
Tsui-Tsai Lin *see* Ta-Sung Lee 35986
Tsuida, S. *see* Takemura, H. 31701
Tsuida, S. *see* Takemura, H. 53962
Tsuiki, S. *see* Tsukutani, T. 41306
Tsuji, A. *see* Ishibashi, Y. 5770
Tsuji, B.K. *see* Ivanov, A. 11375
Tsuji, H., Uno, Y., Yoshioka, M., Furuyama, M., Fujii, H. Development of XUD150L-F X-ray high voltage generator that utilizes inverter technology 18338
Tsuji, H. *see* Irie, K. 58035
Tsuji, H. *see* Ishikawa, J. 37180
Tsuji, H. *see* Kato, T. 51866
Tsuji, H. *see* Nagao, M. 1921
Tsuji, H. *see* Nakajima, H. 52832
Tsuji, H. *see* Nozawa, M. 43865
Tsuji, H. *see* Wakiwaka, H. 59019
Tsuji, K., Bandou, M. Theory of fault characterization on power system 28930
Tsuji, K., Matsuta, H., Wagatsuma, K. Fast electrons from Grimm glow discharge helium plasmas 53890
Tsuji, K., Sakaki, M., Katayama, Y. SDH optical loop system for private communications network 26382
Tsuji, K., Shimizu, K., Horiguchi, T., Koyamada, Y. Spatial-resolution improvement in long-range coherent optical frequency domain reflectometry by frequency-sweep linearisation 48963
Tsuji, K. *see* Okuno, Y. 20056
Tsuji, K. *see* Shin, J.-K. 55350
Tsuji, M., Makita, K., Takeuchi, T., Taguchi, K. Large bandgap energy control of InAlAs/InGaAs multiple quantum wells selectively grown by low-pressure MOVPE 54212
Tsuji, M., Muramatsu, Y., Aoto, N. Depth profile of metallic contamination deposited on Si and SiO_2 surfaces in APM solution 42564
Tsuji, M. *see* Muramatsu, Y. 42474
Tsuji, M. *see* Shigesawa, H. 11743
Tsuji, N. *see* Sakamoto, O. 1361
Tsuji, O., Furuta, T., Kawaguchi, K., Irie, T. Trends and presentation of testers for production lines 10025
Tsuji, S., Tsujimoto, K., Tsutsui, N., Miura, N., Kuroda, K., Saka, H. Investigation of thin-film transistors using a combination of focused ion beam etching and cross-sectional transmission electron microscopy observation 2619
Tsuji, S. *see* Gang Xu 5073
Tsuji, S. *see* Ishiguro, H. 35208
Tsuji, S. *see* Li, S. 5067
Tsuji, S. *see* Nakamura, H. 23719
Tsuji, S. *see* Okano, H. 26916
Tsuji, S. *see* Okano, H. 58328
Tsuji, S. *see* Shishikura, M. 55429
Tsuji, S. *see* Takahashi, M. 33107
Tsuji, T. *see* Fukuda, O. 28388
Tsuji, T. *see* Kanayama, N. 4339
Tsuji, T. *see* Kanayama, N. 27473
Tsuji, T. *see* Kanayama, N. 36678
Tsuji, T. *see* Kaneko, M. 51054
Tsuji, T. *see* Nakayama, H. 28874
Tsuji, T. *see* Sugimoto, Y. 31146
Tsuji, T. *see* Yamanouchi, K. 13390
Tsuji, Y., Koshiba, M., Tanabe, T. A finite-element beam-propagation method for strongly guiding optical waveguides with magneto-optic materials 3401
Tsuji, Y., Koshiba, M., Tanabe, T. A wide-angle beam propagation method based on a finite element scheme 44029
Tsuji, Y. *see* Koshiba, M. 33173
Tsuji, Y. *see* Ohkawa, Y. 45065
Tsuji, Y. *see* Osman, N. 44521
Tsuji, Y. *see* Sato, K. 30356
Tsujigado, M. *see* Kuwayama, N. 6925
Tsujii, H. *see* Ojiro, N. 4633
Tsujii, S. Electronic money and key management from global and regional points of view 4560
Tsujikawa, K. *see* Ohashi, M. 43940
Tsujimichi, S. *see* Kosuge, Y. 4759
Tsujimoto, H., Koiso, T. Characteristic in the 0.01 GHz-2.6 GHz range of film transformer with coils on both sides of flexible polyamide film 1743
Tsujimoto, J. *see* Kuribayashi, M. 11057
Tsujimoto, K. *see* Tsuji, S. 2619
Tsujimoto, M. *see* Katayama, H. 27180
Tsujimura, Y. *see* Gen, M. 6103
Tsujino, H. *see* Matsuura, T. 13222
Tsujino, H. *see* Matsuura, T. 13223
Tsujino, J., Tamura, T., Uchida, T., Ueoka, T. Characteristics of two-vibration-system ultrasonic plastic welding with 90 kHz and 20 kHz vibration systems at right angles 18964
Tsujino, T. *see* Nakashima, K. 44994
Tsujino, Y. *see* Masuda, H. 26231
Tsujino, Y. *see* Masuda, H. 57606
Tsujioka, T., Kume, M., Horikawa, Y., Ishikawa, A., Irie, M. Super-resolution disk with a photochromic mask layer 43914
Tsujioka, T., Kume, M., Irie, M. Coloring and bleaching reactions of photochromic molecules by using a single GaN-based light emitting diode 14299
Tsujishita, M. *see* Kato, H. 7061
Tsujita, K. *see* Kishimura, S. 32280
Tsujita, T. *see* Takabatake, Y. 35871
Tsujita, Y., Asano, Y., Hamasaki, H., Mori, S., Yusa, K., Kephart, R. Test of a 3 m long, 4×4 cm^2 time-of-flight (TOF) scintillation counter using 38×38 mm^2 fine-mesh photomultipliers in magnetic fields up to 1.5 T 37285
Tsujita, Y. *see* Shibata, K. 17644
Tsukada, H., Tanaka, K. Text processing techniques for text-to-speech conversion systems to enhance the quality of synthesized speech 14954
Tsukada, H. *see* Hakoda, K. 14957
Tsukada, H. *see* Kitai, M. 46964
Tsukada, K. *see* Iijima, T. 37238
Tsukada, M., Aihara, T., Saito, H., Kato, H. Hippocampal LTP depends on spatial and temporal correlation of inputs 18429
Tsukada, M., Mukaida, M., Miyazawa, S. Structural and dielectric properties of $Ba(Ti_{1-x}Sn_x)O_3$ thin films 2907
Tsukada, M., Zhong, W.D., Matsunaga, T., Asobe, M., Ohara, T. Bit-interleave multiplexing photonic ATM switch and its experiments on cell selection at 55-Gbit/s 26443
Tsukada, M. *see* Fujii, H. 18428
Tsukada, M. *see* Hide-Aki Saito 35077
Tsukada, M. *see* Moriya, S. 28988
Tsukada, M. *see* Yamada, Y. 47491
Tsukada, T., Makie-Fukuda, K. Approaches to reducing digital-noise coupling in CMOS mixed-signal LSIs 41351
Tsukada, T. *see* Makie-Fukuda, K. 31411
Tsukada, T. *see* Masuda, Y. 52594
Tsukada, T. *see* Samukawa, S. 12731
Tsukada, Y. The design and performance of SLC-MCM 41712
Tsukada, Y., Mizumoto, S., Nishimura, H., Sakane, M., Ohnami, M. Fatigue life analysis of solder ball joints in bare chip bonding 20859
Tsukada, Y. *see* Kodama, Y. 20858
Tsukada, Y. *see* Watanabe, T. 10174
Tsukagoshi, I. *see* Hirosawa, Y. 13080
Tsukagoshi, T., Nitta, H., Yoshida, A., Matsumoto, K., Hashimoto, T., Kuriyama, T., Takahashi, M., Ohtani, Y., Nakagome, H. Refrigeration capacity of a GM refrigerator with magnetic regenerator materials 51874
Tsukagoshi, T. *see* Kuriyama, T. 51873
Tsukahara, K. *see* Ninomiya, K. 49906
Tsukahara, M., Sakurai, H., Saito, S., Noma, M., Gunji, S., Tamura, T. Development of a new type of imaging detector with capillary plate 59277
Tsukahara, M., Takahashi, K., Mishima, T., Isomura, A., Sakai, T. Influence of various additives in vanadium-based alloys $V_3TiNi_{0.56}$ on secondary phase formation, hydrogen storage properties and electrode properties 51620
Tsukahara, M. *see* Maehata, H. 55979
Tsukahara, N., Higashi, K., Kemagai, K. Development of 2 stage bump forming method using wire bonding technique 12019
Tsukahara, N. *see* Otani, H. 53842
Tsukahara, T., Hirai, Y. Stereo matching by forbidden cone 46107
Tsukahara, T., Nakagawa, T., Muraguchi, M. A 2.7-V quasi-microwave Si-bipolar quadrature modulator without tuning 41482
Tsukahara, T. *see* Ishikawa, M. 58225
Tsukakoshi, O. *see* Shimizu, S. 843
Tsukamoto, C. *see* Negahdaripour, S. 25482
Tsukamoto, H., Nagai, M., Katoh, E., Tamamura, K., Ishibashi, A., Ikeda, M. ZnSe nitrogen doping using an ion-free electron-cyclotron-resonance plasma beam 42379
Tsukamoto, I. *see* Okuda, Y. 52298
Tsukamoto, J. *see* Hatanaka, Y. 51339
Tsukamoto, K. Dynamic response analysis of computer frame structure 20878
Tsukamoto, K., Arai, H. Characteristics of dual polarized flat antenna 34446
Tsukamoto, K., Iwasaki, S., Sadoh, T., Kuroki, Y. Electrical passivation of B-doped Si through thin films used in VLSI fabrication 41830
Tsukamoto, K., Sadoh, T., Ikeda, A., Kuroki, Y. The evaluation of temporary degradation in quarter micron MOSFET by hydrogen passivation of boron 54637
Tsukamoto, K. *see* Kuri, T. 26795
Tsukamoto, K. *see* Matsuo, N. 54362
Tsukamoto, M. *see* Hara, T. 35765
Tsukamoto, M. *see* Kadobayashi, R. 6581
Tsukamoto, M. *see* Kato, T. 57999
Tsukamoto, N. *see* Nakamura, M. 41319
Tsukamoto, N. *see* Tanaka, A. 7402
Tsukamoto, O., Yamagishi, K. Detection of islanding of multiple dispersed photovoltaic power systems 50851
Tsukamoto, O. *see* Amemiya, N. 43772
Tsukamoto, O. *see* Fukui, S. 43775
Tsukamoto, O. *see* Hui Chen 60636
Tsukamoto, S., Dedic, I., Endo, T., Kikuta, K.y., Goto, K., Kobayashi, O. A CMOS 6-b, 200 MSample/s, 3 V-supply A/D converter for a PRML read channel LSI 1515

Tsukamoto, T., Satoh, T., Miyamoto, A., Sugimoto, Y., Tauchi, T. Properties of a CCD sensor for vertex detector application 37401
Tsukamoto, T. *see* Ando, S. 2915
Tsukamoto, T. *see* Emi, K. 7794
Tsukamoto, T. *see* Iijima, T. 37238
Tsukamoto, T. *see* Kanai, Y. 49770
Tsukamoto, T. *see* Kawasumi, Y. 12627
Tsukamoto, T. *see* Kobayashi, N. 42392
Tsukamoto, T. *see* Okamura, S. 2949
Tsukamoto, T. *see* Okamura, S. 32662
Tsukamoto, T. *see* Shibata, H. 31907
Tsukamoto, Y. *see* Sakagami, T. 16352
Tsukasaki, Y. *see* Okuno, A. 52239
Tsukatara, Y. *see* Futatsugi, T. 40736
Tsukerman, I. Stability of the moment method in electromagnetic problems 44872
Tsukiji, H., Hoshino, T., Muta, I., Mukai, E. Electrical characteristics of fully superconducting brushless generator with magnetic flux pump 29204
Tsukiji, M. *see* Kowa, H. 59054
Tsukiji, M. *see* Ohkawa, M. 1330
Tsukiji, M. *see* Sato, S. 43462
Tsukiji, T. *see* Kumon, Y. 56149
Tsukimori, K. Analysis of the effect of interaction between shear and bending load on the buckling strength of cylindrical shells 9069
Tsukioka, M. *see* Yamada, H. 48388
Tsukisaka, M. *see* Varshavsky, V. 1301
Tsukise, K., Fujiwara, R., Tsuboi, Y. Line segment detection by estimating quantization error of Hough transform 57157
Tsukishima, T. *see* Sasaki, K. 33364
Tsukiyama, S. *see* Onoye, T. 1479
Tsukiyama, S. *see* Yu-Liang Wu 40766
Tsukuda, I. *see* Nose, M. 43828
Tsukuda, K., Ogawa, K. 3D PET image reconstruction using the exact probability between a voxel and detector pair 7923
Tsukuda, N., Kuramoto, E., Noda, M., Nakazono, H. X-ray diffraction from low temperature ion implanted silicon 31763
Tsukuda, Y. *see* Tsuchiya, T. 29105
Tsukude, M. *see* Sakashita, N. 1340
Tsukude, M. *see* Tomishima, S. 1419
Tsukude, M. *see* Tsuruda, T. 41139
Tsukutani, T., Higashimura, M., Ishida, M., Tsuiki, S., Fukui, Y. A general class of current-mode high-order OTA-C filters 41306
Tsumori, K., Ando, A., Hamabe, M., Takeiri, Y., Kaneko, O., Oka, Y., Osakabe, M., Kawamoto, T., Asano, E., Akiyama, R., Kuroda, T. Acceleration and beam optics of the intense H^- ion beam 37061
Tsumori, K. *see* Kuroda, T. 37176
Tsumori, Y. *see* Iwasaki, T. 678
Tsumoto, S., Tanaka, H. Extraction of domain knowledge from clinical databases based on rough set model 59393
Tsumura, N. *see* Imai, F.H. 48796
Tsumura, T., Okubo, H., Komatsu, N. On automatic block and passing control system of automobile on multiple highway lanes 27921
Tsumura, T., Okubo, H., Komatsu, N. New approaches for a fully optical positioning, guidance, navigation and communication system for ground vehicles 58409
Tsun-Lai Hsu, Jeng Gong Frequency- and voltage-dependent degradation of polyemitter BJTs under a.c. stress 54587
Tsunashima, S., Jimbo, M., Imada, Y., Komiyama, K. Spin valves using amorphous magnetic layers 43658
Tsunashima, S. *see* Diao, Z.T. 43653
Tsunashima, S. *see* Jimbo, M. 43666
Tsunashima, T. A study on spatial filter with liquid crystal devices for optical image processing 57425
Tsunashima, Y. *see* Muller, K.P. 41164
Tsunawaki, Y. *see* Ohkubo, K. 53935
Tsunawaki, Y. *see* Roy, P.K. 1910
Tsuneda, A. *see* Kohda, T. 24732
Tsunehiro, Y. *see* Ito, K. 19292
Tsunehiro, Y. *see* Kusumoto, H. 60862
Tsunekane, M., Taguchi, N., Inaba, H. High-power, efficient, low-noise, continuous-wave all-solid-state Ti:sapphire laser 14043
Tsunekane, M., Taguchi, N., Inaba, H. Achievement of high performance in solid-state lasers by using composite structured crystals 14049
Tsunekawa, S. *see* Mano, H. 17645
Tsunekawa, S. *see* Odashima, H. 33702
Tsunekawa, Y., Miura, M. Systolic array implementation for separable denominator two-dimensional state-space digital filters based on the reduced-dimensional decomposition 57400
Tsunemi, H. *see* Yamashita, A. 59364
Tsuneno, K., Sato, H., Narui, S., Masuda, H. TCAD diagnosis of I/O-pin latchup in scaled-DRAM 11450
Tsuneno, K. *see* Sato, H. 12671
Tsuneoka, M. *see* Maebara, S. 13518
Tsuneta, K. *see* Kobayashi, M. 32830
Tsuneta, Y. *see* Hamamoto, Y. 46092
Tsunetomo, K., Koyama, T. Direct formation of a surface-relief grating on glass by ultraviolet-visible laser irradiation 55951
Tsunetomo, K., Ohtsuka, S., Koyama, T., Tanaka, S. Improvement of fabrication technique for CdTe microcrystallite-doped glass films 885
Tsunetsugu, H., Hayashi, T., Katsura, K. Microalignment technique using 26-μm diameter microsolder bumps and its shear strength 12008
Tsunetsugu, H., Hayashi, T., Katsura, K., Hosoya, M., Sato, N., Kukutsu, N. Accurate, stable, high-speed interconnections using 20- to 30-μm-diameter microsolder bumps 42635
Tsunetsugu, H. *see* Ohiso, Y. 44512
Tsunetsugu, K. *see* Matsuo, T. 50440
Tsung-Cheng Wu, Chi-chao Chao, Kwang-Cheng Chen Capacity of synchronous coded DS SFH and FFH spread-spectrum multiple-access for wireless local communications 35969
Tsung-Chieh Ko *see* Yinyi Lin 35115
Tsung-Chu Huang *see* Kuen-Jong Lee 53126
Tsung-Ein Tsai, Williams, G.M., Friebele, E.J. Index structure of fiber Bragg gratings in Ge-SiO_2 fibers 43964
Tsung-Han Lin *see* Qing-Feng Sun 54182
Tsung-Han Tsai *see* Po-Cheng Wu 56801
Tsung-Lieh Hsien, Mi-Ching Tsai, York-Yih Sun Robust speed control of permanent magnet synchronous motors: design and experiments 50933
Tsung-Yi Wu, Youn-Long Lin Register minimization beyond sharing among variables 21449
Tsung-Yu Pan *see* Blair, H.D. 20847
Tsung-Yu Pan *see* Blair, H.D. 40664
Tsuno, A. *see* Uchida, H. 51535
Tsuno, K., Handa, N., Matsumoto, S., Mogami, A. Optical properties of immersion objective lenses and collimation of secondary electrons in low voltage SEM 31734
Tsuno, K., Munro, E. Design of an omega filter for a 200 kV electron microscope 31729
Tsunoda, A. *see* Yoshida, T. 61056
Tsunoda, K. *see* Kanai, K. 5716
Tsunoda, K. *see* Kawashima, S. 47591
Tsunoda, K. *see* Mizuno, A. 38107
Tsunoda, T. *see* Shibata, H. 31907
Tsunokawa, T. *see* Kaneko, M. 32493
Tsunomachi, H. *see* Nakamura, N. 6586
Tsunooka, M. *see* Matsuo, T. 32275
Tsunotani, M. *see* Yamada, H. 26428
Tsuo, Y.S., Menna, P., Pitts, J.R., Jantzen, K.R., Asher, S.E., Al-Jassim, M.M., Ciszek, T.F. Porous silicon gettering 39205
Tsuo, Y.S. *see* Wallace, W.L. 50824
Tsupko-Sytnikov, V. *see* Vylov, T. 7833
Tsurikov, Y.L. *see* Stefanov, V.A. 46043
Tsuritani, A.T. *see* Abedin, K.S. 24077
Tsuru, D. *see* Kihm, K.D. 27976
Tsuru, K., Miyahara, K., Suzuki, M. Millimeter wave mixing properties of $EuBa_2Cu_3O_{7-\delta}$ bicrystal grain boundary junction arrays 31491
Tsuru, S. *see* Kubuki, M. 54907
Tsuru, S.-I., Yoshizumi, K., Kubuki, M., Imasaka, K., Hara, M. DC corona mode and flashover characteristics of a positive needle-to-plane gap with a floating metallic sphere in atmospheric air 31678
Tsuru, T. *see* Tochigi, M. 11685
Tsuruda, H. *see* Matsuo, T. 50413
Tsuruda, T., Kobayashi, M., Tsukude, M., Yamagata, T., Arimoto, K., Yamada, M. High-speed/high-bandwidth design methodologies for on-chip DRAM core multimedia system LSI's 41139
Tsuruga, H. *see* Sawada, K. 20163
Tsuruga, T. *see* Kamiya, H. 29864
Tsurugai, M. *see* Yoshikawa, M. 50365
Tsuruhara, T. *see* Takai, M. 42706
Tsurumachi, N. *see* Hattori, T. 44673
Tsurumaki, W. *see* Ishida, O. 36169
Tsurumi, S., Kamiya, M., Li Xu, Saito, O. High-speed algorithm for iterated transformation theory-based coding 4448
Tsurumi, T. *see* Nam, S.M. 21299
Tsuruoka, K. *see* Nakamura, T. 55668
Tsuruoka, M. *see* Kanazawa, M. 60850
Tsuruoka, S. *see* Wakabayashi, T. 25710
Tsuruoka, Y., Koyama, I. Fast exponentiation algorithms based on batch-processing and precomputation 24794
Tsuruta, K., Sekiya, K., Tan, O., Watanabe, G.-I. Velocities of copper and silver ions generated from an impulse vacuum arc 23199
Tsuruta, N., Taniguchi, R., Amamiya, M. Image reconstruction using high-level constraints 15548
Tsuruta, S. *see* Hanada, H. 18784
Tsuruta, T. *see* Ogawa, N. 9073
Tsuruya, H., Okabe, M., Kotaki, A., Utsunomiya, K. Electromagnetic anechoic chamber contributing to automobile development 10026
Tsusaka, Y. *see* Imaizumi, Y. 30892
Tsushima, H., Kitamura, K., Hanatani, S. Pre-clipping experiment for AM/64QAM subcarrier-multiplexing optical transmission 26836
Tsushima, I. *see* Ohoka, H. 48390
Tsutaki, K., Fukui, H., Matsuoka, J., Munehiro, T. Development of 14 GHz-band 130 W traveling wave tubes 31713
Tsuto, M. *see* Imada, H. 48351
Tsutomu, I. *see* Hidetoshi, T. 29824
Tsutsui, A. *see* Miyazaki, T. 11272
Tsutsui, A. *see* Miyazaki, T. 11420
Tsutsui, K., Uejima, E., Kawasaki, E. Fabrication of site-controlled metal dot array by electron beam surface modification 42702
Tsutsui, K., Uejima, K., Kawasaki, K. Site control of metal dot structures on fluoride surface by electron beam exposure 10829
Tsutsui, K. *see* Izumi, A. 778
Tsutsui, K. *see* Kawasaki, K. 32324
Tsutsui, K. *see* Mochi, H. 51317
Tsutsui, K. *see* Ohtsuka, H. 39219
Tsutsui, K. *see* Yamada, H. 8014
Tsutsui, K. *see* Yamada, H. 25722
Tsutsui, N. *see* Takayama, S. 2419
Tsutsui, N. *see* Takayama, S. 32243
Tsutsui, N. *see* Tsuji, S. 2619
Tsutsui, S., Ghosh, A. On convergence measures for order-based forking genetic algorithms 40092
Tsutsumi, H., Hatauchi, K., Yagoura, H., Sasaki, I. Fine pitch outer lead bonding process using Au-Sn bonding material 12029
Tsutsumi, K., Akasu, M., Ikehuchi, K., Okamura, S., Kushizaki, H., Nishida, M. An automotive distance control system 9698
Tsutsumi, K. *see* Kuriyama, H. 41162
Tsutsumi, K. *see* Taguchi, M. 43360
Tsutsumi, M., Fukusako, T. Broadband magnetically tunable superconducting microstrip resonator using yttrium iron garnet single crystal 53534
Tsutsumi, M. *see* Hasegawa, H. 1687
Tsutsumi, M. *see* Igarashi, K. 50050
Tsutsumi, M. *see* Nakajima, M. 9428
Tsutsumi, M. *see* Nishimura, K. 14578
Tsutsumi, M. *see* Shimasaki, H. 56196
Tsutsumi, O. *see* Ikeda, T. 23595
Tsutsumi, S. *see* Murphy, A.M. 48187
Tsutsumi, T. *see* Shimizu, S. 2797
Tsutsumi, Y. *see* Ohmukai, M. 55398
Tsuyuguchi, T., Mano, R., Mizoshiri, I., Hirasaki, S., Matsu, H. Optical flow estimation from tagged MR image sequences 49429
Tsuyuhara, Y. *see* Nakashima, T. 35697
Tsuyuzaki, H. *see* Suzuki, M. 42882
Tsuyuzaki, I. *see* Fukuda, M. 32307
Tsuzaki, T. *see* Akiyama, H. 58715
Tsuzuki, K. *see* Kawazu, Y. 932
Tsuzuki, K. *see* Takeuchi, H. 55290
Tsuzuki, S. *see* Yoshino, S. 3494
Tsuzuki, Y., Adachi, T., Ji Wen Zhang Formulation of nonlinear negative resistance for calculation of start-up characteristics of crystal oscillators 11219
Tsvetkov, D. *see* Dmitriev, V. 10796
Tsvetkov, D. *see* Dmitriev, V. 10880
Tsvetkov, P. *see* Kostov, J. 11520
Tsvetkov, V.I. *see* Zherlitsyn, A.G. 53982
Tsvetkov, Yu.P., Makartsev, O.V., Belkin, V.A., Kiriakov, V.K., Zverev, A.S. Stratospheric system for measurements of the magnetic induction gradient 38069
Tsvetkov, Yu.V. *see* Shananin, R.A. 44432
Tsvetkova, T. *see* Tzenov, N. 12665
Tsvetkovskaya, S. *see* Lerer, A. 45082
Tsvinev, A.P. *see* Golovanov, L.B. 18072
Tswen-Duh Wang *see* An-Nan Suen 41257
Tsybakov, B., Likhanov, N., Linnartz, J.-P. Intercell and intracell collision resolution in wireless packet data networks 26593
Tsybeskov, L., Duttagupta, S.P., Hirschman, K.D., Fauchet, P.M., Moore, K.L., Hall, D.G. Room-temperature photoluminescence and electroluminescence from Er-doped silicon-rich silicon oxide 44289
Tsybeskov, L., Hirschman, K.D., Duttagupta, S.P., Fauchet, P.M. An LED for silicon-based integrated optoelectronics 3673
Tsybeskov, L., Moore, K.L., Duttagupta, S.P., Hirschman, K.D., Hall, D.G., Fauchet, P.M. A Si-based light-emitting diode with room-temperature electroluminescence at 1.1 eV 13865
Tsybeskov, L. *see* Hirschman, K.D. 23704
Tsyganov, E. High efficiency beam halo crystal extraction from proton colliders 17903
Tsyganov, E. *see* Murphy, C.T. 49262
Tsyganov, Yu.S. A reasonable extension of the alpha-alpha correlation technique 59191
Tsyganov, Yu.S., Subbotin, V.G., Polyakov, A.N., Sukhov, A.M., Iliev, S., Vakatov, D.V. Data acquisition system for heavy element research 58658
Tsymbal, A.M. *see* Kostrov, L.S. 34093
Tsymbal, V. *see* Kalmykov, A. 18816
Tsymbal, V.N. *see* Matveyev, A.Ya. 27041
Tsyrkina, Y. *see* Yasar, G. 11433
Tsyrlin, G.E. Growth dynamics of GaAs on a vicinal surface of GaAs(100) in migration-stimulated epitaxy: computer simulation 52615
Tsz-King Chan, Kuga, Y., Ishimaru, A. Detection of a target in a homogeneous medium using angular correlation function 8383
Tsz-King Chan *see* Ishimaru, A. 8382
Tsz-Shing Cheung, Asada, K. Design of high-speed high-density parallel adders and multipliers using regenerative pass-transistor logic 41105
Tu, C.-W. *see* Moy, A.M. 3634
Tu, C.W. Issues in epitaxial growth of phosphides and antimonides 714
Tu, C.W. *see* Bi, W.G. 12229
Tu, C.W. *see* Bi, W.G. 22261
Tu, C.W. *see* Bi, W.G. 41921
Tu, C.W. *see* Bi, W.G. 52617
Tu, C.W. *see* Bi, W.G. 52722
Tu, C.W. *see* Chen, W.M. 22540
Tu, C.W. *see* Dong, H.K. 40426
Tu, C.W. *see* Kwon, O.K. 13703
Tu, C.W. *see* Lew, A.Y. 792
Tu, C.W. *see* Li, N.Y. 21304
Tu, C.W. *see* Li, N.Y. 52619
Tu, C.W. *see* Liao, H.H. 58352

Tu, C.W. *see* Liu, Q.Z. 40305
Tu, C.W. *see* Loi, K.K. 58351
Tu, C.W. *see* Morgan, B.A. 22435
Tu, F.L., Milne, S.J. Processing and characterization of $Pb(Zr,Ti)O_3$ films, up to 10 μm thick, produced from a diol sol-gel route 818
Tu, J.C. Cockpit weather information (CWIN) system 8241
Tu, K.-N. *see* Laursen, T. 42619
Tu, K.-N. *see* Zou, Y.L. 42716
Tu, K.N. Cu/Sn interfacial reactions: thin-film case versus bulk case 22612
Tu, K.N. *see* Chen, C. 42625
Tu, K.N. *see* Huang, J.S. 12642
Tu, K.N. *see* Liu, C.Y. 22608
Tu, K.N., Mayer, J.W., Poate, J.M., Chen, L.J. *(editors)* Advanced Metallization for Future ULSI. Symposium 39527
Tu, L.V. *see* Nakagawa, M. 5606
Tu, L.W., Schubert, E.F., Hong, M., Zydzik, G.J. In-vacuum cleaving and coating of semiconductor laser facets using thin silicon and a dielectric 3854
Tu, P.L., Chan, Y.C., Lai, J.K.L. Effect of intermetallic compounds on the thermal fatigue of surface mount solder joints 31595
Tu, R. *see* Sinitsky, D. 22846
Tu, R. *see* Wann, C.H. 2642
Tu, S.L. *see* Lin, W.J. 10883
Tu, T. *see* Muller, S. 26207
Tu, Y.K. *see* Chuang, Z.M. 3827
Tu, Y.K. *see* Chuang, Z.M. 23919
Tu, Y.K. *see* Wang, S.C. 217
Tu, Y.K. *see* Wang, S.C. 12824
Tu, Y.L. *see* Arscott, S. 41506
Tu Demin *see* Demin Tu
Tu Der-Wei *see* Der-Wei Tu
Tu Guangyu *see* Huang Jian 19115
Tu Guangyu *see* Huang Jian 38285
Tu Hung-Yi *see* Hung-Yi Tu
Tu Kun-Yii *see* Kun-Yii Tu
Tu Ming-Wang *see* Ming-Wang Tu
Tu Te-Ming *see* Te-Ming Tu
Tu Xiao Wei *see* Xiao Wei Tu
Tu Xuan, M. *see* Nguyen, M.T. 50910
Tu Yaqing *see* Yaqing Tu
Tu Yu-Ming *see* Yu-Ming Tu
Tu Yuan-Kuang *see* Yuan-Kuang Tu
Tuan Nguyen Anh *see* Nguyen Anh Tuan
Tuan Pan-Chio *see* Pan-Chio Tuan
Tuan Pham Dinh *see* Dinh Tuan Pham
Tubandt, H.-P., Focken, B. Future development and objectives of the interconnection network 38254
Tubaro, S. *see* Pedersini, F. 57016
Tubaro, S. *see* Pedersini, F. 57455
Tubbing, R.H. *see* de Jager, W.A.G. 51919
Tubis, Ya.B., Dneprovskaya, L.I., Narinskaya, V.M., Rusakovskii, A.M., Samsonov, V.S. Thermal and hydraulic calculation of motorized spindles 61220
Tubis, Ya.B., Ershueva, S.A., Rusakovskii, A.M. Thermophysical properties of electrically insulating materials used in air motors 60665
Tuboltsev, Yu.V. *see* Gridin, S.V. 49343
Tubouchi, K. *see* Harihara, S. 27182
Tucci, M., Rinaldi, R. Drag and drop assembly of models for energy systems stochastic simulation 50378
Tucci, V. *see* Egiziano, L. 8942
Tucci, V. *see* Lupo, G. 28923
Tucci, V. *see* Lupo, G. 32628
Tucciarone, A. *see* Messina, G. 32335
Tuccillo, R. *see* Bozza, F. 29107
Tuchin, B.M. *see* Anpilogov, V.R. 47839
Tuchin, Yu.M. *see* Selivanov, A.S. 48085
Tuchman, J.A. *see* Warren, W.L. 3590
Tuchtenhagen, J. *see* Stelzle, M. 17413
Tuck, M.C. *see* Welsh, J. 41211
Tuck Wah Ng High-speed phase-shift computation using dynamic memory processing 25311
Tucker, G. *see* Lisker, L. 50575
Tucker, G.S. *see* Halpern, M. 7211
Tucker, J. *see* Seaford, M. 54688
Tucker, J.R. *see* Sengupta, D.K. 27577
Tucker, M.G. *see* Griffiths, H. 18442
Tucker, R.S. *see* Ogita, S. 23964
Tucker, S. *see* Redmond, J. 52171
Tucker, T. *see* Tjoelker, R.L. 27324
Tucker, V.A. A mathematical model of bird collisions with wind turbine rotors 19656
Tucker, V.A. Using a collision model to design safer wind turbine rotors for birds 19657
Tucker, W.L., Krause, P.C., Wasynczuk, O., Pekarek, S.D., Walters, E.A. Analysis and simulation of a six-phase generator/rectifier system 29265
Tuckerman, D.B. *see* Gilbert, B.K. 31657
Tuckley, K.R. *see* Usha, P. 4367
Tucknott, J. *see* Timofeev, F.N. 16767
Tucknott, J.A. *see* Barcelos, S. 13592
Tucknott, J.A. *see* Laming, R.I. 16829
Tuckwell, N. Opening the Australian telecommunications market in 1997 16140
Tuda, M., Nishikawa, K., Ono, K. Numerical study of the etch anisotropy in low-pressure, high-density plasma etching 42505
Tuda, M., Ono, K. Profile evolution during pulsed plasma etching 2370
Tuda, M., Ono, K. Observation of microscopic nonuniformity during overetch in polysilicon gate etching 54443
Tuda, M., Ono, K., Nishikawa, K. Effects of etch products and surface oxidation on profile evolution during electron cyclotron resonance plasma etching of poly-Si 2336
Tudor, B. *see* Popescu, A.E. 42967
Tudor, M. *see* Pogany, T. 45786
Tue Huynh *see* Halet, A. 35118
Tue Nguyen, Ulrich, B.D., Allen, L.R., Evans, D.R. A novel damascene process for one mask via/interconnect formation 2444
Tuecke, S. *see* Foster, I. 35731
Tueller, J. *see* Kurczynski, P. 59369
Tueller, J. *see* Stahle, C.M. 37354
Tuema, F.A. *see* MacGregor, S.J. 9438
Tuema, F.A. *see* MacGregor, S.J. 51261
Tuema, F.A. *see* MacGregor, S.J. 60867
Tuemmler, J., Woitok, J., Hermans, J., Geurts, J., Schneider, P., Moulin, D., Behet, M., Heime, K. Growth and characterization of Sb-based heterostructures grown by LP-MOVPE 52668
Tuemmler, J. *see* Behet, M. 10690
Tuenge, R. *see* Sey-Shing Sun 55438
Tuennermann, A. *see* Czarske, J.W. 36967
Tuerck, V. *see* Kappelt, M. 40652
Tuerkoez, S. *see* Atag, S. 17963
Tufa Yu *see* Yu Tufa
Tufail, M. *see* Ahmad, N. 18125
Tufan, E., Tavsanoglu, V. Design of two-channel linear phase IIR PRQMF banks based on the approximation of FIR filters 4792
Tufan, E., Tavsanoglu, V. Multiscale edge detection using IIR filter banks 5165
Tufegdzic, N., Frowd, R.J., Stadlin, W.O. A coordinated approach for real-time short term hydro scheduling 19588
Tuffanelli, A. *see* Gambaccini, M. 18330
Tufts, D.W., Fiore, P.D. Simple, effective estimation of frequency based on Prony's method 25020
Tufts, D.W. *see* Harrison, B.F. 16990
Tufts, D.W. *see* Harrison, B.F. 45880
Tufts, D.W. *see* Hongya Ge 56466
Tufts, D.W. *see* Qi Li 15085
Tugendhaft, I., Bornstein, A., Weissman, Y., Hardy, A. Reflection intensity optical fiber sensors for the mid-infrared 48568
Tugikov, V.Z. *see* Evtikhiev, N.N. 6955
Tugnait, J.K. Identification of multichannel linear non-Gaussian processes using higher-order statistics 4891
Tugnait, J.K. Fitting MA models to linear non-Gaussian random fields using higher-order cumulants 15198
Tugnait, J.K. Blind spatio-temporal equalization and impulse response estimation for MIMO channels using a Godard cost function 25814
Tugnait, J.K. Blind equalization and channel estimation for multiple-input multiple-output communications systems 25823
Tugnait, J.K. Identification and deconvolution of multichannel linear non-Gaussian processes using higher order statistics and inverse filter criteria 45745
Tugnait, J.K. Fitting MA models to linear non-Gaussian random fields using higher order cumulants 45947
Tugulea, A. Criteria for the definition of the electric power quality and its measurement systems 28859
Tugushev, S.N. *see* Sukhorukov, Y.P. 23601
Tui, C.G. *see* Wong, B.S. 52914
Tuinhout, H., Pelgrom, M., Penning de Vries, R., Vertregt, M. Effects of metal coverage on MOSFET matching 43277
Tuinman, E. *see* De Weerdt, R. 50995
Tuinman, E. *see* Winterling, M.W. 51796
Tuinstra, F. *see* Van Wingerden, J. 41863
Tukhfatulin, T. *see* Vaisburd, D. 23204
Tukhtarov, A. *see* Antipov, Yu. 37233
Tukhtarov, A.G. *see* Mashikhin, A.D. 20285
Tuladhar, K.K., Jenni, G. Frequency jumps on BVA and other precision quartz crystal resonators and burst-noise on overtone mode high-frequency quartz crystal resonators 13325
Tuladhar, K.K., Jenni, G. Frequency jumps on BVA and other precision quartz crystal resonators and burst-noise on overtone mode high-frequency quartz crystal resonators 23269
Tulbure, I. *see* Ludwig, B. 21003
Tulder, F.A.van *see* van Tulder, F.A.
Tulenko, J.S. *see* Pinheiro, R.J. 35152
Tuli, R.W., Apostolakis, G.E., Jya-Syin Wu Identifying organizational deficiencies through root-cause analysis 19455
Tulipano, P.K. *see* Meyer, K.L. 7990
Tulkki, J. *see* Grosse, S. 42212
Tulkki, J. *see* Heinamaki, A. 44472
Tulkoff, C. *see* Barlow, S. 53767
Tulkoff, C. *see* Hallmark, C. 41674
Tull, C.E. *see* Betts, W. 59222
Tull, D.L., Katsaggelos, A.K. Regularized estimation of occluded displacement vector fields 5147
Tull, D.L., Katsaggelos, A.K. Iterative restoration of fast-moving objects in dynamic image sequences 25310
Tull, D.L., Katsaggelos, A.K. Regularized blur-assisted displacement field estimation 57498
Tuller, H.L., Mlcak, R. Photo-assisted silicon micromachining: opportunities for chemical sensing 23055
Tuller, H.L. *see* Sprague, J.J. 36761
Tullis, I., Halliwell, N., Rothberg, S. The Laser Torquemeter: effects of axial shaft vibration 48947
Tulloch, W. *see* Bosenberg, W.R. 24120
Tulloch, W.M. *see* Taira, T. 55557
Tulloss, R.E. Profiting from boundary-scan 58653
Tulupov, V.D. Improving the tractional drive of electric locomotives and trains 9652
Tuma, M.L., Krasowski, M.J., Oberle, L.G., Greer, L.C., III, Spina, D., Barranger, J. Two-color laser speckle shift strain measurement system 36926
Tuma, T. Some application notes on reduction operators 52930
Tumakov, V. *see* Antipov, Yu. 37230
Tumanski, S., Stabrowski, M. Magnetovision system: new method of investigating steel sheets 27844
Tumanski, S. *see* Kaleta, J. 27931
Tumay, M., El-Khatroushi, H., Buamud, M.S., Alammari, R. Dynamic performance of adjustable-speed AC drives 9589
Tumay, M. *see* Lo, K.L. 8743
Tumay, M. *see* Lo, K.L. 8835
Tumbull, D.A. *see* Li, X. 10808
Tumer, T.O., O'Neill, T.J., Hurley, K., Ogelman, H., Paulos, R.J., Puetter, R.C., Kipnis, I., Hamilton, W.J., Proctor, R. All-sky X-ray and gamma-ray monitor (AXGAM) 59361
Tumer, T.O., Shi Yin, Kravis, S. A high sensitivity, electronically collimated gamma camera 59556
Tumiran, Maeyama, M., Imada, H., Saito, Y., Kobayashi, S. The flashover process based on the finding of surface charge distribution on alumina insulator surface in vacuum 28919
Tummala, R.Lal *see* Lal Tummala, R.
Tummala, R.R. Next generation of packaging beyond MCM, BGA and flip chip 10152
Tummala, R.R. *see* Chahal, P. 53853
Tummavuori, J. *see* Peippo, K. 19621
Tummers, M.J., Passchier, D.M. Spectral estimation using a variable window and the slotting technique with local normalization [of LDA data] 15156
Tumolillo, T.A., Jr., Donckers, M., Horsthuis, W.H.G. Solid state optical space switches for network cross-connect and protection applications 35890
Tumorin, V.V. *see* Pashinin, P.P. 44404
Tunah, E. *see* Guven, N. 8872
Tuncay, R.N. *see* Tezduyar, L. 51880
Tuncel, E. *see* Huang, T.F. 21311
Tuncer, E., Cheung-Wei Lain, Yuan, F.Y. Modeling ground plane cuts using transmission line theory 39824
Tung, C.-C. *see* Livingston, J.N. 34527
Tung, C.Y. *see* Hwu, Y. 13478
Tung, L., O'Neill, R.J. Comparison of electroporation thresholds of cardiac cell membranes by rectangular and exponential pulses 59728
Tung, L. *see* Sobie, E.A. 59752
Tung, R.T. Growth of epitaxial $CoSi_2$ through a thin interlayer 42688
Tung, R.T. *see* Herner, S.B. 54497
Tung, S. *see* Dong, L. 49762
Tung, S. *see* Gupta, B. 23056
Tung, T.-Y., Chang, J.-F. Resource allocation algorithms for ATM nodes supporting heterogeneous traffic sources subject to varying quality of service requirements 57584
Tung, Y.-S. *see* Ueda, A. 12666
Tung, Y.S. *see* Henderson, D.O. 42126
Tung Chien-Cheng *see* Chien-Cheng Tung
Tung Hsin-Han *see* Hsin-Han Tung
Tung Huang Cheng *see* Cheng Tung Huang
Tung Sang Ng *see* Fook Loong Lo 16310
Tung Sang Ng *see* Xiang Gui 47562
Tung Yen Shun *see* Shun Tung Yen
Tung-Hung Hsieh *see* Choon Sae Lee 56148
Tung-Jen Wen *see* Wen Tung-Jen
Tung-Sang Ng *see* Yuejin Huang 25890
Tung-Sheng Chen, Hadad, D., Balu, V., Jiang, B., Shao-Hong Kuah, McIntyre, P.C., Summerfelt, S.R., Anthony, J.M., Lee, J.C. Ir-electroded BST thin film capacitors for 1 giga-bit DRAM application 41539
Tung-Sheng Chen *see* Bo Jiang 3002
Tungare, H. Co-ordinated switchgear for motor feeders 9435
Tungate, S., Ping He, Seshadri, S., Stroud, C., Sullivan, M., Damarla, T.R. Design automation tools for built-in self-test implementations 40777
Tunheim, S.A. *see* Jorgensen, I.H.H. 53352
Tuninsky, V.S. Systems of the electrical units and the fundamental constants 27201
Tuniz, C. *see* Smith, A.M. 49348
Tunkasiri, T., Rujijanagul, G. Dielectric strength of fine grained barium titanate ceramics 2894
Tunley, C. *see* Baber, C. 24824
Tunnermann, A. High-power Nd double-clad fiber lasers 33416
Tunnermann, A. *see* Freitag, I. 14085
Tunnermann, A. *see* Golla, D. 14074
Tunnermann, A. *see* Reich, M. 14026
Tunnermann, A. *see* Wandt, D. 55699
Tunnicliffe, M.J., Phillips, I.W., Parish, D.J. The application of Bayesian statistics to the evaluation of ATM network data 35413
Tunnicliffe, M.J., Rodgers, C., Parish, D. Evaluation of statistical monitoring and call-charging algorithms for VBR video transmissions on an ATM network 46896

Tunstall, D.P. *see* Baidakov, V.V. 22199
Tuo, L.C. *see* Cheng, C.-C. 22644
Tuo, L.C. *see* Yan, Y.-S. 22645
Tuo Zhu *see* Zhu Tuo
Tuohy, S.T. *see* Kim, J.H. 50107
Tuomi, T. *see* Hjelt, K. 52670
Tuomi, T. *see* Koljonen, T. 30812
Tuomi, T. *see* Rantamaeki, R. 52601
Tuomi, T.J. *see* Tammet, H. 50066
Tuominen, E., Acerbis, M., Hovinen, A., Siirtola, T., Sinkkonen, J. A method extracting solar cell parameters from spectral response by inverse Laplace transform 61096
Tuominen, E. *see* Sinkkonen, J. 39004
Tuominen, M. *see* Raback, P. 52590
Tuor, S. *see* Teichmann, S. 7826
Tuoriniemi, A. *see* Raatikainen, K. 47282
Tuovinen, J. *see* Raisanen, A. 56169
Tupaj, M. *see* Weiss, K. 23285
Tupikov, V.S. *see* Brezhnev, V.N. 43598
Tupin, F., Trouve, E., Descombes, X., Nicolas, J.-M., Maitre, H. Improving IFSAR phase unwrapping by early detection of non-interferometric features 48076
Tupta, M.A., Cigoy, D., Rae, L. How to measure contact resistance 53730
Tupuri, R.S., Abraham, J.A. A novel hierarchical test generation method for processors 53321
Tuqan, J., Vaidyanathan, P.P. Optimum pre- and postfilters for quantization 4706
Tuqan, J. *see* Vaidyanathan, P.P. 56533
Tur, M. *see* Friedman, N. 55525
Tur, M. *see* Shalev, D. 48601
Tur, Yu.D. *see* Dovbnya, A.N. 49099
Tur, Yu.D. *see* Pignasty, O.M. 49100
Turan, J., Probstner, R. Principles of WDM optical sensor systems and their design 17430
Turan, J. *see* Gamec, J. 25657
Turan, R. *see* Nur, O. 42930
Turan, R. *see* Nur, O. 54265
Turan, R. *see* Wahab, Q. 32081
Turanov, A.N. *see* Cherkasov, F.G. 48845
Turbabin, A.V. *see* Belov, A.S. 37190
Turbin, P.V. *see* Zaginaylov, G.I. 41793
Turbini, L.J. Comparison of methods for characterising soldering fluxes and their interactions with substrates and metallisation 11915
Turbyfill, M.E., Lutsko, J.M., Walge, E.K., Berinato, R.J., Budge, M.C. Acousto-optic processor for jammer suppression in land-based radars 8667
Turbyfill, M.E. *see* Lutsko, J.M. 19026
Turcajova, R., Kautsky, J. A hierarchical multiresolution technique for image registration 34995
Turcanu, C.O., Craciunescu, T., Niculae, C., Alecu, L. A genetic approach to image reconstruction in computerized tomography 25324
Turchanovich, L.K. *see* Kryshkin, V.I. 37279
Turchetta, R. *see* Bauer, C. 37326
Turchetta, R. *see* Bauer, C. 37378
Turchetti, C. *see* Conti, M. 2840
Turchetti, C. *see* Conti, M. 11632
Turchin, P.P. *see* Sorokin, B.P. 13239
Turchinetz, W. *see* Zwart, T. 36368
Turck, C. *see* Banyasz, I. 44763
Turck, V., Stier, O., Heinrichsdorff, F., Grundmann, M., Bimberg, D. Quantum wires in staggered-band-line-up single heterostructures with corrugated interfaces 54194
Turck, V. *see* Kappelt, M. 52612
Turck, V. *see* Kuttler, M. 2137
Turco, D. *see* Pignatta, R. 47806
Turco, F. *see* Cigolini, R. 39717
Turcotte, R. *see* Burns, K. 38524
Turcu, I.C.E., Mann, C.M., Moon, S.W., Allott, R., Lisi, N., Maddison, B.J., Hug, S.E., Kim, N.S. Deep, three dimensional lithography with a laser-plasma X-ray source at 1nm wavelength 42883
Turcu, R. *see* Brie, M. 48713
Turek, I. *see* Berezina, S. 28683
Turek, J. *see* Castelli, V. 28597
Turek, K., Chmist, J., Figiel, H. Compensation of the temperature coefficient of the magnetic flux produced by a Nd-Fe-B magnet in the air gap of a magnetic circuit 3123
Turek, K. *see* Spurny, F. 8209
Tureli, U. *see* Tsihrintzis, G.A. 15149
Turfler, R. *see* Barnaby, H. 22957
Turflinger, T.L., Davey, M.V., Bings, J.P. Radiation effects in analog CMOS analog-to-digital converters 43326
Turgis, S., Azemard, N., Auvergne, D. Explicit evaluation of short circuit power dissipation for CMOS logic structures 22985
Turgis, S. *see* Daga, J.M. 1221
Turik, A.V., Khasabov, A.G. Effective ion charges and short-range potentials in the semiconductor-ferroelectric crystals with ionic-covalent bond 43474
Turina, D., Beming, P., Schoster, E., Andersson, A. A proposal for multi-slot MAC layer operation for packet data channel in GSM 47723
Turinetti, J.R. *see* Garth, J.C. 22955
Turino, J. Design for test–profit or loss? 39716
Turinsky, P.J. *see* Kastanya, D.F. 19491
Turitsyn, S.K. *see* Gabitov, I. 23488
Turivnenko, S. *see* Nitzan, M. 7873
Turjanmaa, V. *see* Konkka, I. 59718
Turjanmaa, V. *see* Sorsa, H. 18193
Turjanmaa, V.M.H. *see* Koobi, T. 59606
Turk, J. *see* Abe, K. 37234
Turk, K.W. Digitally reconfigurable antenna 45380
Turk, K.W., Dempsey, R.C. Photistors: bias-free optoelectronic switches 56228
Turk, M., Leonardis, S. Synchronous digital hierarchy 16687
Turkenburg, W.C. *see* Sjerps-Koomen, E.A. 51607
Turkentine, R.B. *see* Kibedi, T. 49148
Turkes, P. *see* Franke, T. 43080
Turkin, A.A. *see* Gelikonov, V.M. 14215
Turkin, A.N., Yunovich, A.E. Measurements of the radiation power of blue and green InGaN/AlGaN/GaN light-emitting diodes using amorphous silicon photocells 23698
Turkin, V.A. *see* Mikheev, O.V. 34265
Turkin, V.E. *see* Baranenko, V.I. 38490
Turkington, B., Whitaker, N. Statistical equilibrium computations of coherent structures in turbulent shear layers 557
Turkington, T.G., DeGrado, T.R., Hanson, M.W., Coleman, R.E. Alignment of dynamic cardiac PET images for correction of motion 59501
Turkman, I. *see* Waldo, W.G. 54797
Turkovic, A., Crnjak Orel, Z. Electrical and optical properties of Zn/(PEO)$_x$ZnCl$_2$/[CeO_2 or CeO_2-SnO_2(17%)]; ITO thin film galvanic cells 19966
Turkovic, A., Crnjak Orel, Z. Dye-sensitized solar cell with CeO_2 and mixed CeO_2/SnO_2 photoanodes 51600
Turletti, T. *see* Bolot, J.-C. 57816
Turletti, T. *see* Tennenhouse, D.L. 47783
Turley, S. *see* Zylbersztejn, A. 26901
Turlik, I. *see* Rinne, G.A. 53883
Turlik, I. *see* Sur, B. 53880
Turlington, L. *see* Hovater, C. 37107
Turlot, E. *see* Schmitt, J. 13723
Turlot, J.P. *see* Becks, K.H. 59228
Turmov, G.P., Minaev, A.N., Okishev, V.A., Yakubovsky, Y.V. How to develop naval engineering education in the Russian far east 50122
Turnball, D.H. *see* Lockwood, G.R. 18263
Turnbull, A.G. *see* Richardson, I.E.G. 15597
Turnbull, D. *see* Sengupta, D.K. 27579
Turnbull, D. *see* Sengupta, D.K. 54326
Turnbull, D.A. *see* Li, X. 52727
Turnbull, D.A. *see* Myoung, J.M. 2004
Turnbull, K.F., Higgins, L., Vaidya, N. An assessment of the METROLift automatic vehicle location system 58512
Turnbull, L.W. *see* Mussurakis, S. 18221
Turnbull, S.M. *see* MacGregor, S.J. 9438
Turnbull, S.M. *see* MacGregor, S.J. 43447
Turnbull, S.M. *see* MacGregor, S.J. 51261
Turnbull, S.M. *see* MacGregor, S.J. 60867
Turneaure, J. *see* Buchman, S. 7545
Turner, A., Corne, D., Ritchie, G., Ross, P. Obtaining multiple/distinct solutions with genetic algorithm niching methods 10389
Turner, A.P.F. Biosensors 17555
Turner, A.P.F., Selkirk, J., Jaffari, S., Saini, S. Designing enzyme electrodes for continuous use in vivo 27690
Turner, A.P.F. *see* Jaffari, S.A. 36718
Turner, A.R. *see* Taylor, A.G. 41856
Turner, C.D. *see* Riley, D.J. 44898
Turner, C.W. *see* Ford, K.M. 37714
Turner, C.W. *see* Souza, P.E. 8156
Turner, D. Mobility management in IN and wireless networks 26197
Turner, D.J. *see* Grotzky, M. 20564
Turner, D.R. *see* Ennis, M.G. 38910
Turner, G. *see* Garboushian, V. 37991
Turner, G. *see* Yoon, S. 37996
Turner, G.M., Christodoulou, C.G. Finite difference time domain analysis of circular microstrip antennas 34303
Turner, G.W. *see* Le, H.Q. 14089
Turner, G.W. *see* Le, H.Q. 14123
Turner, I. *see* Huawei Zhao 11673
Turner, I.W. *see* Zhao, H. 61336
Turner, J. The competitiveness of European GaAs foundries 52076
Turner, J. Gallium arsenide in Europe–a quiet revolution 53638
Turner, J., Cliff, R., Leong, W., McClintock, C., Ngo, N., Nguyen, K., Sung, C.K., Wang, B., Watson, J. Migration of a dual granularity globally interconnected PLD architecture to a 0.5 μ TLM process 12809
Turner, J. *see* Decker, F.-J. 37121
Turner, J. *see* McGraw, J.M. 21364
Turner, J. *see* Tang, H. 49299
Turner, J.A. *see* Arent, D.J. 2045
Turner, J.B. *see* Hong, C.-S. 16401
Turner, J.D. *see* White, N.M. 36459
Turner, J.R. *see* Stevens, M.A. 8207
Turner, K.J. Specification architecture illustrated in a communications context 46855
Turner, K.J. Relating architecture and specification 47177
Turner, K.J., McClenaghan, A., Chan, C. Specification and animation of reactive systems 41032
Turner, K.J. *see* Sinnott, R.O. 47178
Turner, L., Stanert, R. Integration of ADS into radar-based ATC environments 59980
Turner, L. *see* Kousa, M. 14830
Turner, L.E., Graumann, P.J.W. Rapid hardware prototyping of Digital Signal Processing systems using field programmable gate arrays 11073
Turner, L.E., Graumann, P.J.W., Gibb, S.G. Bit-serial FIR filters with CSD coefficients for FPGAs 11583
Turner, L.E. *see* Gibb, S.G. 21801
Turner, L.E. *see* Panneerselvam, G. 11474
Turner, L.F. *see* Barria, J.A. 46823
Turner, L.F. *see* Barria, J.A. 46824
Turner, L.R. Fields and forces in flywheel energy storage with high-temperature superconducting bearings 51626
Turner, M., Hancock, E.R. An EM-like relaxation operator 5362
Turner, M. *see* Crowley, J. 30187
Turner, M.G., Moore, K.E. Optical design using large-scale axial gradient glass 44159
Turner, M.J. *see* Elliott, C.R. 60696
Turner, N., Nicholls, J.T., Linfield, E.H., Brown, K.M., Jones, G.A.C., Ritchie, D.A. Tunneling between parallel two-dimensional electron gases 2210
Turner, N. *see* Law, K. 13722
Turner, P.J. Provision of reactive power from generating plant 19435
Turner, P.R. *see* Allport, P.P. 37375
Turner, P.R. *see* Beringer, J. 37394
Turner, R. Testing and the significance of variation in the classroom 9848
Turner, R. *see* Bizzi, A. 37622
Turner, R. *see* Jezzard, P. 18312
Turner, S. *see* Santai Hwang 58991
Turner, S. *(editor)* CERN Accelerator School. Superconductivity in Particle Accelerators Proceedings (CERN 96-03) 30027
Turner, S. *see* Kurokawa, S.-I. *(editor)* 29946
Turner, S.W. *see* Sohda, Y. 41775
Turner, T. *see* Vogt, M. 36765
Turner, T.N. *see* Vogt, M.C. 36732
Turner, T.T. Capacitive leadframe testing 30328
Turner, T.T. Don't fail good boards 53798
Turner, W. *see* Palmer, R.B. 17924
Turner, W. *see* Palmer, R.B. 17966
Turner, W.C. An induction linac approach to phase rotation of a muon bunch in the production region of a $\mu^+\mu^-$ collider 17928
Turner, W.C. *see* Sullivan, A. 7201
Turney, P. *see* Lavrac, N. 21097
Turo, J. *see* Kamont, Z. 10506
Turolla, M. *see* Domenis, E. 6417
Turova, V.L. *see* Patsko, V.S. 40000
Turovets, S.I., Dellunde, J., Shore, K.A. Optoelectronic-feedback control of chaotic dynamics in external cavity laser diodes 24024
Turovets, S.I., Dellunde, J., Shore, K.A. Nonlinear dynamics of a laser diode subjected to both optical and electronic feedback 33474
Turovets, S.I. *see* Kotomtseva, L.A. 44328
Turowski, M., Jablonski, G., Napieralski, A., Wiak, S. Computer-aided analysis of integrated electrostatic micromotors 9287
Turowski, M., Napieralski, A. Teaching design of integrated microsystems at the Technical University of Lodz 9873
Turpanov, I.A. *see* Kim, P.D. 3182
Turpin, M. *see* Michie, C. 17454
Turri, R. *see* Caldon, R. 19278
Tursbiek, A. *see* Wu, J.W. 23196
Tursbiek, A. *see* Wu, J.W. 23197
Tursini, M. *see* Chiricozzi, E. 61156
Tursini, M. *see* Gentile, G. 20134
Tursini, M. *see* Parasiliti, F. 9576
Tursini, M. *see* Parasiliti, F. 39271
Tursini, M. *see* Zobel, P.B. 60815
Tursunov, M.N. *see* Muminov, R.A. 50819
Tursunov, N.N. *see* Muminov, R.A. 51569
Turtelli, R.Sato *see* Sato Turtelli, R.
Turton, R.J., Jaros, M. The origin of room temperature luminescence in Si-Ge quantum wells: the case for an interface localization model 12376
Turuc, S. *see* Friedrich, M. 49156
Turumi, K. *see* Watanabe, M. 51502
Turunen, J. *see* de Beaucoudrey, N. 3448
Turunen, J. *see* Kettunen, V. 57134
Turunen, J. *see* Salmio, R.-P. 55295
Turunen, J. *see* Vahimaa, P. 24492
Turunen, S. *see* Hakala, H. 58234
Turutanov, O.G. *see* Lukashenko, A.V. 13496
Turutanov, O.G. *see* Sivakov, A.G. 3296
Tusaliu, P., Ciontu, M., Tusaliu, V. Disturbances at the commutation of the condensers batteries as part of the national Electrical Energetic System 8804
Tusaliu, P., Ciontu, M., Tusaliu, V. About high-voltage insulating of 750 kV circuit-breaker 19900
Tusaliu, V. *see* Tusaliu, P. 8804
Tusaliu, V. *see* Tusaliu, P. 19900
Tustaniwskyj, J.I., Nemiroff, M. Reliability of ceramic ball grid array (CBGA) and ceramic column grid array (CCGA) packages subjected to thermal cycling 30314
Tustaniwskyj, J.I. *see* Williams, S.F. 30275
Tusting, R.F., Tietze, R.C., Reisenbichler, K.R., Lee, D.S., MacDonald, I.R., Fisher, C.R. Development of special-purpose benthic, geo-chemical and biological samplers at Harbor Branch Oceanographic Institution 49998
Tut San Guan, Alukaidey, T., Barros, S.P.V. An MPP reconfigurable architecture using free-space optical interconnects and Petri net configuring 44140
Tutaev, V.A. *see* Ganzhinov, I.S. 50928
Tutaev, V.A. *see* Ganzhinov, I.S. 50930

Tutak, W. *see* Xiaoling Sun 31170
Tuthill, T.A. *see* Mossing, J.C. 25016
Tutsch, R. *see* Pfeifer, T. 3936
Tutt, M. *see* Hill, D. 42945
Tuttas, C. Voltage-source inverter fed asynchronous machine with hysteresis control of rectified motor currents 51710
Tuttle, B. *see* Lu Ping 30936
Tuttle, B.A. *see* Al-Shareef, H.N. 41542
Tuttle, B.A. *see* Schwartz, R.W. 40509
Tuttle, B.A. *see* Warren, W.L. 43498
Tuttle, G. *see* Ozbay, E. 58754
Tuttle, J. *see* Contreras, M.A. 39067
Tuttle, J.G. *see* DiPirro, M.J. 48449
Tuttle, J.R., Berens, T.A., Keane, J., Ramanathan, K.R., Granata, J., Bhattacharya, R.N., Wiesner, H., Contreras, M.A., Noufi, R. Investigations into alternative substrate, absorber and buffer layer processing for Cu(In,Ga)Se_2-based solar cells 39065
Tuttle, J.R. *see* Ramanathan, K. 39074
Tuttlebee, W.H.W. Cordless telephones and cellular radio: synergies of DECT and GSM 6538
Tuttlebee, W.H.W. Consumer DAB radio receivers: "When and how much?" 7056
Tutui, Y. *see* Watarai, H. 17396
Tutuianu, B. *see* Gupta, R. 40787
Tutunji, T.A. *see* DeBrunner, V.E. 1589
Tuulik, V. *see* Raja, A. 59703
Tuurnala, T., Majamaa, T. Tunnelling current characteristics of plasma oxidised ultrathin SiO_2 54305
Tuyen, L.T.T., Potje-Kamloth, K., Liess, H.-D. Electrical properties of doped polypyrrole/silicon heterojunction diodes and their response to NO_x gas 54056
Tuyen, V.Van *see* Van Tuyen, V.
Tuyet-Lan Tran QFD application to a software-intensive system development project 16657
Tuyl, R.L.Van *see* Van Tuyl, R.L.
Tuz, Ju.M., Kaminskiy, V.J., Litvih, V.V., Andreev, S.V. Low-frequency sine voltage reconstruction 27811
Tuz, Ju.M., Litvich, V.V., Kaminskiy, V.J., Lapitskii, S.M. Structural methods for accuracy improvement of ac-voltage measurement 27812
Tuza, Z. *see* Manoussakis, Y. 16132
Tuza, Z. *see* Milici, S. 30498
Tuzemen, S., Le Berre, C., Corbel, C., Brozel, M.R., Yildirim, M. Observations of two separable photoquenching phenomena in lightly n-type bulk GaAs by optical absorption, Hall effect, and positron annihilation 12217
Tuzikov, A.V., Margolin, G.L., Heijmans, H.J.A.M. Efficient computation of a reflection symmetry measure for convex polygons based on Minkowski addition 5375
Tuziuti, T. *see* Kozuka, T. 23080
Tuzlukov, V. Digital signal processing by employment of generalized algorithm 46001
Tvarozek, V. *see* Ottova-Leitmannova, A. 7438
Tveito, A. *see* Wen Shen 10517
Tverdokhlebov, S. *see* Vaisburd, D. 23204
Tverskoi, V.B., Devyatkova, K.M., Devyatkova, L.I. Interaction of natural defects in laser crystals of the short-wave range 14072
Tveten, A. *see* Vohra, S.T. 18969
Tveten, A. *see* Vohra, T. 27637
Twaroch, T. *see* Hlawatsch, F. 15364
Twaroch, T. *see* Hlawatsch, F. 45771
Twarog, E.M., McLaughlin, D.J., Allan, N. High resolution polarimetric radar scattering measurements of low grazing angle sea clutter 8494
Tweedie, L. *see* Su, H. 11063
Tweedy, A., Valentine, E., Hinton, O., Adams, A. The use of high frequency acoustic backscatter and Doppler measurements to determine sediment concentration and 2D velocity in water 50143
Tweedy, A.D. *see* Neasham, J.A. 48034
Tweedy, A.D. *see* Thompson, D. 48032
Tweedy, E.P. *see* Cermak, G.W. 35856
Tweet, D.J. *see* Fons, P. 732
Tweg, R., Porat, B. An algorithm for exhaustive extrema computation and its application to array signal processing 25116
Twells, H. The importance of foreign languages in business 39661
Twelves, S., Kikkert, C.J. Performance of a digital stereo FM modulator with reduced output resolution 36353
Twerefour, S. *see* Kelly, M. 32539
Twesme, E. *see* Carlson, D.E. 39124
Twesten, R.D. *see* Millunchick, J.M. 40384
Twichell, D.C. *see* Bird, R.T. 18807
Twichell, J.C. *see* Geis, M.W. 12070
Twicken, J.D. *see* Maslakovic, S. 34960
Twieg, R.J. *see* Moylan, C.R. 55936
Twieg, T.R.J. *see* Lundquist, P.M. 23446
Twiford, M.S., Stevie, F.A., Prather, E.B., Thoma, M.J., Cochran, W.T. High contact resistance heavily doped silicided p^+ junctions 43313
Twigg, M. *see* Weatherford, T.R. 43339
Twigg, M.E. *see* Afanas'ev, V.V. 781
Twigg, R. Application of IEEE 1149.1 to mixed-signal measurement and test 31405
Twitchell, T.G. *see* Konopka, A.M. 51728
Twizell, E.H. *see* Bratsos, A.G. 611
Twizell, E.H. *see* Siddiqi, S.S. 40145
Twomey, C. *see* Halpin, M. 19605
Tworek, M. *see* Lozowski, A. 35098
Twu Dsun-Chie *see* Dsun-Chie Twu
Twyford, E. *see* Zmudzinski, C. 58359
Tyagi, A. *see* Veeramachaneni, V. 21421
Tyagi, G.S. *see* Srivastav, M. 1694
Tyagi, S. *see* Pandey, D. 57807
Tyagi, S.K. *see* Pandey, D. 57807
Tyan, S.L. *see* Hwang, J.S. 22328
Tyan, Y.L. *see* Mitra, P. 2306
Tyan Hung-Ying *see* Hung-Ying Tyan
Tyan Yuan-Sheng *see* Yuan-Sheng Tyan
Tyasto, M.I. *see* Ptitsyna, N.G. 28456
Tyavlovskaya, E.A. *see* Bocharova, I.A. 22320
Tyazhlov, M.G. *see* Kulakovskii, V.D. 2156
Tyberg, J.V. *see* Hay, A.S. 7871
Tyce, R.C. *see* Ingram, M.J. 48177
Tycko, R. *see* Barrettt, S.E. 2194
Tye, D.M. *see* Perlovsky, L.I. 27069
Tye, W.B. *see* Kolbe, A.L. 39659
Tykeson, K., Nyman, A., Carlsson, H. Environmental and geographical aspects in HVDC electrode design 8863
Tykotskii, V.V. *see* Buchanov, V.V. 13916
Tykotskii, V.V. *see* Molodykh, E.I. 14225
Tykva, R., Kopestansky, J. The noise reduction of silicon detectors by wafer analyses and technological procedures 37328
Tyler, B. Implementing VME virtual instruments using MXI-2 57836
Tyler, D.J., Durand, D.M. A slowly penetrating interfascicular nerve electrode for selective activation of peripheral nerves 49794
Tyler, D.W. *see* Roggemann, M.C. 25266
Tyler, G.L. *see* Baron, J.E. 6961
Tyler, L.D. *see* Maron, M.J. 20647
Tyler, M.L., Asano, K., Morari, M. A moving horizon estimation approach to robust fault detection 52371
Tyler, R.L. The PCB as the foundation of the future of electronics 11925
Tyler, S. *see* Bremond, M. 10079
Tylinski, G. *see* Sanders, J. 28544
Tylka, A.J., Dietrich, W.F., Boberg, P.R., Smith, E.C., Adams, J.H., Jr. Single event upsets caused by solar energetic heavy ions 28557
Tyll, H. *see* Bergmann, K. 60978
Tyll, H. *see* Renz, K. 50441
Tyll, H.K. *see* Sobrink, K.H. 60614
Tyma, G. *see* Plonka, G. 1488
Tyminski, J.K., McNamara, S.J., Sasaya, T., Komatsu, M., Humphrey, D.C., Winslow, A. Throughput of steppers with off-axis illuminators: analysis and experiments 32331
Tyndel, M. *see* Beringer, J. 37394
Tyner, J.T. Survey unearths trends [underground distribution systems] 50548
Tynes, T. *see* Vistnes, A.I. 49809
Tynnyi, V.I. *see* Alperovich, V.L. 2243
Typaldos, M. Using internal memory on the Am186ER microcontroller 21726
Tyrer, J. *see* Graham, G. 48940
Tyrer, J. *see* Raymond, E. 30070
Tyrer, J.R., Noden, S.C., Hilton, P.A. Diffractive optical elements for manipulation of high power CO_2 laser radiation–a feasibility study 13943
Tyrer, J.R., Petzing, J.N. In-plane electronic speckle pattern shearing interferometry 7615
Tyrer, J.R. *see* Moore, A.J. 24281
Tyrer, J.R. *see* Petzing, J.N. 7630
Tyrer, J.R. *see* Takatsuji, T. 59009
Tyrnov, O.F. *see* Kostrov, L.S. 34093
Tyrrell, A.M., Brookes, T.S., Howard, D.M. T9000 and T800 transputers: a real-time application 41205
Tyrrell, A.M. *see* Garner, N.R. 34659
Tyrrell, G.C. *see* Coccia, L.G. 40629
Tyschenko, I.E. *see* Gadiyak, G.V. 12676
Tyson Lin *see* De-Yuan Chung 27212
Tyson Lin *see* Jow-Tsong Shy 13977
Tyszer, J. *see* Rajski, J. 1235
Tyszer, J. *see* Zacharia, N. 40984
Tyubalin, V.V. *see* Povalyaev, A.A. 48164
Tyukov, V. *see* Annis, P. 59237
Tyukov, V.A. *see* Malinin, V.I. 9158
Tyukov, V.A. *see* Malinin, V.I. 29220
Tyuliev, G. *see* Fargues, D. 52827
Tyun'kova, Z.V. *see* Rogov, V.V. 22571
Tyurikov, D., Kramer, G., Lipphardt, B. Saturated dispersion spectroscopy of the OsO_4. Application to high precision optical frequency standard 24050
Tyurikov, D.A., Shelkovnikov, A.S., Gubin, M.A., Kramer, G., Lipphardt, B. Results of absolute frequency measurements with transportable double-mode He-Ne/CH_4 optical frequency standard 27819
Tyurikov, D.A. *see* Gubin, M.A. 7129
Tyurikov, V. *see* Isaenko, L. 10612
Tyuterev, V.G. *see* Grinyaev, S.N. 22342
Tyutin, V.K. *see* Azanov, I.B. 28543
Tyutyundzhiev, N. *see* Vitanov, P. 30768
Tyzhnenko, A., Nerukh, A. Method of solution of scattering problems in piece-wise uniform dielectric media 45026
Tyzhnenko, A. *see* Nerukh, A. 45169
Tyzhnenko, A.G. The Green's function of the wave equation in a uniform gyrotropic medium 24495
Tzamarias, S.E. *see* Allport, P.P. 37375
Tzamarias, S.E. *see* Beringer, J. 37394
Tzanakos, G. *see* Pavlopoulos, S. 28163
Tzanavaras, G. *see* Cohen, U. 30854
Tzanetakis, P., Franghiadakis, Y. Novel switchmode DC/DC converter for photovoltaic battery charging 19875
Tzanetakis, P. *see* Grabowski, A. 1984
Tzanov, T. *see* Kirii, A. 50379
Tzanova, S. *see* Philippov, P. 22114
Tzartzanis, N., Athas, W.C. Energy recovery for the design of high-speed, low-power static RAMs 11443
Tzartzanis, N. *see* Athas, W.C. 1142
Tzen-Yi Liu *see* Sau-Mou Wu 16548
Tzeng, H.-Y. *see* Li, H. 25940
Tzeng, H.M. *see* Reiley, T.C. 3212
Tzeng, J.T. Viscoelastic behavior of composite rotors at elevated temperatures 38809
Tzeng, K.K. *see* Ba-Zhong Shen 24707
Tzeng, L.D. *see* Delavaux, J.-M.P. 26874
Tzeng, L.D. *see* Morton, P.A. 36126
Tzeng, L.D. *see* Nuyts, R.J. 47974
Tzeng, L.D. *see* Nuyts, R.J. 47975
Tzeng, W.L. *see* Young, S.T. 18266
Tzeng, Y.M. *see* Chen, C.S. 60964
Tzeng Gwo-Hshiung *see* Gwo-Hshiung Tzeng
Tzeng Hong-Yi *see* Hong-Yi Tzeng
Tzeng Huan-Wen *see* Huan-Wen Tzeng
Tzeng Yen-Chang *see* Yen-Chang Tzeng
Tzenov, N., Dimova-Malinovska, D., Tsvetkova, T. Modification of magnetron sputtered a-$Si_{1-x}C_x$:H films by implantation of Sn^+ 12665
Tzer-Hsiang Huang A *see* A Tzer-Hsiang Huang
Tzetci, N. *see* Podaru, C. 48702
Tzevelekis, D. *see* Gogolides, E. 2487
tZhidkov, V.N. *see* Xie HaiQiang 37966
Tzi-Cker Chiueh, Venkatramani, C., Vernick, M. Design and implementation of the Stony Brook Video Server 35057
Tzi-Dar Chiueh *see* Chen, C.K. 4861
Tzi-Hsiung Shu, Bacrania, K., Chong-In Chi Statistical correction of A/D converter errors 21762
Tziaros, K.G. *see* Kaneliopoulos, D.N. 35410
Tzidony, D., Zaidman, B. Method for identifying R&D-based strategic opportunities in the process industries 106
Tzimopoulou, S. *see* Lettington, A.H. 36688
Tzionas, P., Thanailakis, A., Tsalides, P. An efficient algorithm for the largest empty figure problem based on a 2D cellular automaton architecture 22960
Tzionas, P.G., Thanailakis, A., Tsalides, P.G. Collision-free path planning for a diamond-shaped robot using two-dimensional cellular automata 43284
Tziouvaras, D.A. *see* Udren, E.A. 38417
Tziouvaras, D.A. *see* Udren, E.A. 38418
Tziritas, G. *see* Paragios, N. 5071
Tziritas, G. *see* Paragios, N. 56946
Tziritas, G. *see* Patras, I. 5092
Tziritas, G. *see* Patras, I. 56862
Tzolov, M. *see* Hapke, P. 21331
Tzolov, V.P., Fontaine, M., Sewell, G., Delage, A. Full vectorial simulation for characterizing loss or gain in optical devices with an accurate and automated finite-element program 33027
Tzolov, V.P. *see* Fontaine, M. 33066
Tzonelih Hwang, Narn-Yih Lee, Chuan-Ming Li, Chin-Chen Chang On the security of Chang and Wu's broadcasting cryptosystem for computer networks 6224
Tzong-Chen Wu, Hung-Sung Sung Authenticating passwords over an insecure channel 5935
Tzong-Chen Wu, Hung-Sung Sung An improved one-time digital signature scheme based on one-way function 14859
Tzong-Liang Lin, Tai-Hwa Liu, Yao-Huang Kao Fabrication of high efficiency power amplifier module for cellular mobile phone 16632
Tzong-Lin Wu, Hung-chun Chang Vectorial analysis of fiber-core effects in weakly fused couplers 23510
Tzong-Yih Guo *see* Guo Tzong-Yih
Tzou, H.S., Bao, Y., Venkayya, V.B. Parametric study of segmented transducers laminated on cylindrical shells. Part 2. Actuator patches 2990
Tzou, H.S. *see* Jian, X.H. 52874
Tzou An-Fu, Tsai Chrong-Fa An introduction to substation simulation system 50388
Tzou Ying-Yu *see* Ying-Yu Tzou
Tzovaras, D., Grammalidis, N., Strintzis, M.G. Three-dimensional camera motion estimation and foreground/background separation for stereoscopic image sequences 46454
Tzovaras, D., Grammalidis, N., Strintzis, M.G. Object-based coding of stereo image sequences using joint 3-D motion/disparity compensation 56683
Tzovaras, D., Grammalidis, N., Strintzis, M.G. Disparity field and depth map coding for multiview image sequence compression 57460
Tzovaras, D., Strintzis, M.G. Optimal vector pyramidal and subband decompositions for the coding of multichannel signals 46363
Tzovaras, D., Strintzis, M.G. Motion and disparity estimation using rate distortion theory for very low bit rate and multiview image sequence coding 56634
Tzovaras, D. *see* Saflekos, A. 28070
Tzovaras, D. *see* Saflekos, A. 49477
Tzovaras, D. *see* Strintzis, M.G. 46362
Tzovaras, D. *see* Strintzis, M.G. 56796
Tzovaras, D. *see* Strintzis, M.G. 56948
Tzu Ting Yuan *see* Yuan Tzu Ting

Tzu-Chen Nung, Wang, S.K. The conceptual design of an optical sensor for detection of sodium leak from pool-type fast reactor vessel 27592
Tzu-Ching Chen *see* Wen-An Loong 42871
Tzu-Chung Moh *see* Pan-Chio Tuan 48174
Tzu-Feng Tseng, Rong-Pyng Yang, Kuo-Shung Liu, I-Nan Lin Ferroelectric properties of $(Pb_{0.97},La_{0.03})(Zr_{0.66}Ti_{0.34})_{0.9875}$ O_3 films deposited on Si_3N_4-coated Si substrates by pulsed laser deposition process 23161
Tzu-Hsien Sang, Williams, W.J., O'Neill, J.C. An algorithm for positive time-frequency distributions 34923
Tzu-Li Tien *see* Cha'o-Kuang Chen 10507
Tzu-Sheng Shyur *see* Shyur Tzu-Sheng
Tzuang, C.-K.C., Ching-Chyuan Lin Millimeter wave micro-CPW integrated antenna 34317
Tzuang, C.-K.C. *see* Guang-Jong Chou 14731
Tzuang, C.-K.C. *see* Shih-Ping Lin 53522
Tzuen-Lih Chern, Chang, J., Geeng-Kwei Chang DSP-based integral variable structure model following control for brushless DC motor drivers 29674
Tzuhao Chen, Hajj, I.N., Rudnick, E.M., Patel, J.H. An efficient I_{DDQ} test generation scheme for bridging faults in CMOS digital circuits 23004
Tzung-Hua Ying *see* Tien-Ko Wang 28023
Tzung-Pei Hong, Hong-Shung Wang A dynamic mutation genetic algorithm 21093
Tzung-Pei Hong *see* Ching-Huang Wang 18229
Tzung-Shi Chen, Jang-Ping Sheu Broadcasting on incomplete star graph interconnection networks 58537
Tzvetkova, E. *see* Stratieva, N. 42016
Tzvetkova, M. *see* Wiget, R. 42929
Tzvyk, A.I. *see* Vorobjov, G.S. 56114
Tzvyk, A.I. *see* Vorobyov, G.S. 14567
Tzyh Jong Tarn *see* Di Xiao 25500
Tzyh Jong Tarn *see* Ghosh, B.K. 25786
Tzyh-Jong Tarn, Mumin Song, Ning Xi, Ghosh, B.K. Multi-sensor fusion scheme for calibration-free stereo vision in a manufacturing workcell 25491
Tzyy-Ping Jung, Makeig, S., Stensmo, M., Sejnowski, T.J. Estimating alertness from the EEG power spectrum 18468
Tzyy-Ping Jung *see* Makeig, S. 59631
Tzyy-Sheng Horng Full-wave simulation of hybrid microwave integrated circuits 11742
Tzyy-Sheng Horng *see* Ming-Ju Tsai 21967

U-In Chung *see* Myoung-Bum Lee 41540
U-Sok Chong, Eok Namgoong, Seung-Ki Sul Torque steering control of 4-wheel drive electric vehicle 29792
Uang, C.-M. *see* Lin, W.F. 4141
Uang Chii-Maw *see* Chii-Maw Uang
Ubachs, W. *see* Schiemann, S. 33722
Ubaldini, M. *see* Dezza, F.C. 60923
Ubar, R. Fault diagnosis in VLSI devices 31219
Ubar, R., Brik, M. Multi-level test generation and fault diagnosis for finite state machines 21617
Ubar, R., Raik, J., Paomets, P., Ivask, E., Jervan, G., Markus, A. Low-cost CAD system for teaching digital test 9889
Ubar, R. *see* Ajaots, M. 9881
Ubeda, S. *see* Miguet, S. *(editor)* 29992
Uber, A. *see* Ancarani, F. 52994
Uberbacher, E.C. *see* Ying Xu 15748
Uberbacher, E.C. *see* Ying Xu 25280
Uberschar, B. *see* Becks, K.H. 59228
Ubertini, P. *see* Bazzano, A. 7799
Ubezio, G. *see* Superti Furga, G. 50333
Ubnoske, M.J., Hashemi, Z.Z. Rapid prototyping of an experimental safety system to prevent runway incursions 59967
Ubnoske, M.J., Kreischer, M.T. Use of COTS software products to manage air traffic control systems 59975
Ubukata, H. *see* Akiyama, J. 26037
Ucan, O.N. Performance analysis of modified/quadrature partial response-trellis coded modulation (M/QPR-TCM) systems 4433
Ucan, O.N. Performance of trellis coded M-PSK and neural network equivalent systems over partial response-fading channels with imperfect phase reference 45509
Ucci, D.R. *see* Zdunek, K.J. 35967
Uceda, J. *see* Aguilar, C. 9344
Uceda, J. *see* Blanco, C. 51233
Uceda, J. *see* Canalli, V.M. 51102
Uceda, J. *see* Cobos, J.A. 9345
Uceda, J. *see* Cobos, J.A. 40914
Uceda, J. *see* Cobos, J.A. 40919
Uceda, J. *see* Dos Reis, F.S. 51223
Uceda, J. *see* Dos Reis, F.S. 60877
Uceda, J. *see* Hernandez, M. 9346
Uceda, J. *see* Martinez, A. 51375
Uceda, J. *see* Riesgo, T. 31065
Uceda, J. *see* Sebastian, J. 9348
Uceda, J. *see* Simonetti, D. 9347
Uceda, J. *see* Simonetti, D. 51157
Ucer, D. *see* Danilov, V.V. 8457
Uchanin, V. *see* Rybachuk, V. 45097
Uchanski, R.M. *see* Miller, J.D. 14997
Uchida, F. *see* Nakayama, K. 12000
Uchida, G. *see* Nakajima, Y. 22441
Uchida, H., Ijuin, N., Shimosato, M., Kawagoe, K. BIGLOBE Internet connection service 47020
Uchida, H., Kuroda, M., Yamaguchi, F., Miwa, K. Basic research on oxygen treatment for DSS cycling operation power plants 60542
Uchida, H., Tsuno, A., Watanabe, M. High performance electrode for medium temperature operating solid oxide fuel cells. Activation of $La(Sr)MnO_3$ cathode with highly dispersed Pt microcrystals 51535
Uchida, H., Zhang, W.Y., Katsube, T. High speed chemical image sensor with digital LAPS system 27652
Uchida, H. *see* Hiratsuka, N. 17594
Uchida, H. *see* Sakuyama, S. 11885
Uchida, H. *see* Watanabe, M. 51496
Uchida, H. *see* Watanabe, M. 51501
Uchida, I. *see* Choong-Gon Lee 29600
Uchida, I. *see* Choong-Gon Lee 51507
Uchida, I. *see* Nishina, T. 51510
Uchida, I. *see* Ohsono, M. 190
Uchida, I. *see* Shibuya, M. 19961
Uchida, K., Arai, T., Matsumoto, K. Deep emission band at GaInP/GaAs interface 42151
Uchida, K., Han, K.-K., Ishii, K., Matsunaga, T., Kim, G.-R. An FVTD version of Berenger absorbing boundary condition for a lossy medium 24451
Uchida, K., Matsunaga, T., Kyung-Koo Han, Ki-Chai Kim Finite-volume/time-domain analysis of electromagnetic wave propagation in two-dimensional tunnels with fundamental junctions 45116
Uchida, K., Miura, N., Kukimoto, H. Magneto-photoluminescence spectra of excitons in GaP/AlP short period superlattices in high magnetic fields 12484
Uchida, K., Shiotsuki, K., Noda, T. FVTD analysis of two-dimensional bended waveguide and horn antenna 24450
Uchida, K., Watanabe, A., Yano, F., Kouguchi, M., Tanaka, T., Minigawa, S. Characterization of nitridated layers and their effect on the growth and quality of GaN 32220
Uchida, K. *see* Hirose, H. 28897
Uchida, K. *see* Kawai, A. 966
Uchida, K. *see* Kim, G.R. 56039
Uchida, K. *see* Kobayashi, T. 22225
Uchida, K. *see* Miura, N. 2198
Uchida, K. *see* Mori, Y. 57427
Uchida, K. *see* Tanaka, T. 33576
Uchida, K. *see* Tobari, T. 41274
Uchida, K. *see* Wang, P.D. 12490
Uchida, M. *see* Mizui, K. 48087
Uchida, N., Kikuiri, N., Nishida, J. Dynamic motion of mask membrane in X-ray stepper 32302
Uchida, N., Yamada, Y., Hibino, Y., Suzuki, Y., Ishihara, N. Low-Cost hybrid WDM module consisting of a spot-size converter integrated laser diode and a waveguide photodiode on a PLC platform for access network systems 26913
Uchida, N. *see* Kurosaki, T. 23563
Uchida, N. *see* Kurosaki, T. 23564
Uchida, N. *see* Morikoshii, H. 695
Uchida, R. *see* Okayama, H. 29415
Uchida, S., Kaku, I., Araki, K., Sakuraba, Y., Takeshina, T., Shirakawa, S. Evaluation and application of oil immersed zinc oxide elements enclosed in distribution type transformers on poles 29361
Uchida, S. *see* Sakoe, H. 56380
Uchida, S. *see* Yamashita, J. 32398
Uchida, T. Search for lower power consumption, less weight leads to first reflective full-color LCD 36795
Uchida, T., Eikyu, K., Fujinaga, M., Teramoto, A., Miyoshi, H. Dopant redistribution during gate oxidation including transient enhanced diffusion in oxidizing ambient 42595
Uchida, T., Komeda, T., Miyagi, M., Koyama, H., Funakubo, H. Quantification of skin aging by three-dimensional measurement of skin surface contour 28069
Uchida, T., Koyama, H., Komeda, T., Miyagi, M., Funakubo, H. Measuring method of three-dimensional position and orientation of a moving object for medical robots 28394
Uchida, T., Koyama, M., Watanabe, Y., Sekimoto, H., Oomura, Y. A low phase-noise oscillator design for high stability OCXOS 13363
Uchida, T., Mikami, O. Optical surface mount technology 23720
Uchida, T., Shimizu, T., Yasuoka, Y. Antenna-coupled warm carrier device using polycrystalline Ge film vacuum deposited on ZnS substrate 17380
Uchida, T. *see* Fujii, M. 8170
Uchida, T. *see* Gotoh, S. 49822
Uchida, T. *see* Hayashi, F. 41163
Uchida, T. *see* Horiba, S. 1359
Uchida, T. *see* Inanami, R. 12769
Uchida, T. *see* Kurakake, H. 55606
Uchida, T. *see* Suzuki, S. 6552
Uchida, T. *see* Tsujino, J. 18964
Uchida, T. *see* Yamashita, T. 41172
Uchida, Y., Takei, S., Matsumura, M. Chemical vapor deposition of hydrogen-free silicon-dioxide films 52819
Uchida, Y. *see* Furuhashi, H. 41695
Uchida, Y. *see* Shingu, H. 53724
Uchida, Y. *see* Sugahara, S. 10759
Uchida, Y. *see* Watanabe, S. 24357
Uchida, Y. *see* Watanabe, S. 40666
Uchidat, K. *see* Noda, T. 24452
Uchihori, Y. *see* Ogasawara, K. 51844
Uchihori, Y. *see* Ohoka, H. 48390
Uchikawa, K. *see* Tanaka, H. 16561
Uchikawa, T. *see* Matsui, T. 55172
Uchikawa, Y. *see* Yoshikawa, T. 56313
Uchikoshi, M. *see* Ebe, H. 705
Uchikoshi, M. *see* Maruyama, K. 704
Uchikoshi, M. *see* Shigenaka, K. 703
Uchikoshi, M. *see* Wada, H. 58846
Uchikoshi, S. *see* Muro, H. 54848
Uchimoto, Y. *see* Ioroi, T. 51517
Uchimura, K. *see* Tanaka, T. 17072
Uchimura, R. *see* Izawa, T. 3774
Uchimura, S. *see* Hamamoto, Y. 5604
Uchimura, T. *see* Tabuchi, J. 38947
Uchino, A. *see* Takizawa, T. 44075
Uchino, A. *see* Takizawa, T. 55840
Uchino, H. *see* Kurosu, S. 17266
Uchino, K., Takahashi, S. Multilayer ceramic actuators 13317
Uchino, K. *see* Jiehui Zheng 23262
Uchino, K. *see* Zhang, Q.M. 32685
Uchino, S. *see* Yamamoto, J. 32317
Uchino, S. *see* Yoshimura, T. 32263
Uchino, S.-I. *see* Tanaka, T. 2467
Uchino, T., Minami, F., Murakata, M., Mitsuhashi, T. Switching activity analysis for sequential circuits using Boolean approximation method 11273
Uchino Kenji *see* Kenji Uchino
Uchinokura, K. *see* Nose, M. 43828
Uchiori, Y., Kawamura, Y., Yasutsune, H., Bin, G., Nakaoka, M. Novel electromagnetic induction-heated type fluid-heating processing appliance incorporating auto-tuning PID control based PWM resonant IGBT inverter with active filtering function 51856
Uchitomi, N. *see* Hirose, M. 11683
Uchitomi, N. *see* Hirose, M. 43119
Uchitomi, N. *see* Kitaura, Y. 43121
Uchiumi, M. *see* Tanaka, T. 2968
Uchiyama, H., Jyumonji, M. A 110 J highly energetic flashlamp-pumped dye laser 3707
Uchiyama, H. *see* Higuchi, K. 54414
Uchiyama, H. *see* Mochizuki, K. 2591
Uchiyama, H. *see* Oka, T. 41447
Uchiyama, H. *see* Yamaguchi, T. 38587
Uchiyama, K., Morioka, T., Kawanishi, S., Takara, H., Saruwatari, M. Signal-to-noise ratio analysis of 100 Gb/s demultiplexing using nonlinear optical loop mirror 36095
Uchiyama, K. *see* Biswas, P. 41228
Uchiyama, K. *see* Mori, K. 4014
Uchiyama, K. *see* Morioka, T. 26826
Uchiyama, K. *see* Shinohara, H. 59402
Uchiyama, K. *see* Takiguchi, K. 6716
Uchiyama, S., Oda, M., Matsuda, T. X-ray mask distortion correction technology using pattern displacement simulator 32298
Uchiyama, S., Yokouchi, N., Ninomiya, T. Continuous-wave operation up to 36°C of 1.3-μm GaInAsP-InP vertical-cavity surface-emitting lasers 23971
Uchiyama, S. *see* Lee, J. 33208
Uchiyama, S. *see* Oda, M. 32305
Uchiyama, S. *see* Oda, M. 32309
Uchiyama, S. *see* Sunouchi, K. 41169
Uchiyama, T. *see* Matsuoka, N. 33382
Uchiyama, T. *see* Okuno, R. 49783
Uchiyama, T. *see* Sawasaki, N. 1507
Uchiyama, Y., Tsuchiya, M., Hai-Feng Liu, Kamiya, T. Efficient ultraviolet-light (345-nm) generation in a bulk $LiIO_3$ crystal by frequency doubling of a self-seeded gain-switched AlGaInP Fabry-Perot semiconductor laser 24252
Uchiyama, Y., Tsuchiya, M., Liu, H.F., Kamiya, T. Single-mode gain-switched operation of a self-seeded 690-nm InGaP/AlGaInP Fabry-Perot laser 3867
Uchiyama, Y. *see* Guang Xu 33379
Uchlike, H. PDP market exits design stage, tackles mass production 36794
Ucinski, D., Korbicz, J. Optimal location of movable sensors for distributed-parameter system identification 58699
Uckun, S., Sarkar, T.K., Rao, S.M., Salazar-Palma, M. A novel technique for analysis of electromagnetic scattering from microstrip antennas of arbitrary shape 56145
Uda, A. *see* Nakamura, T. 55668
Uda, E. *see* Kimura, S. 53907
Uda, H., Sonomura, H., Ikegami, S. Screen printed CdS/CdTe cells for visible-light-radiation sensor 36564
Uda, K. *see* Saitoh, K. 32293
Uda, S., Funami, H., Kondo, S. Studies on the vapor lubrication quick evaluation of lubricants performance by slip-ring tests 29350
Uda, S., Komatsu, R., Takayama, K. Congruent composition and solid solution range of $Li_2B_4O_7$ crystal 30724
Uda, S., Kon, J., Shimamura, K., Fukuda, T. Analysis of Ge distribution in $Si_{1-x}Ge_x$ single crystal fibers by the micro-pulling down method 10657
Uda, S. *see* Komatsu, R. 2989

Uda, S. *see* Komatsu, R. 14284
Udaiyan, D., Green, R.P.M., Kim, D.H., Syed, K.S., Damzen, M.J. Experimental and theoretical double-pumped phase conjugation in inverted Nd:YAG 33684
Udaiyan, D., Syed, K.S., Green, R.P.M., Kim, D.H., Damzen, M.J. Transient modelling of double-pumped phase conjugation in inverted Nd:YAG 14373
Udaiyan, D. *see* Green, R.P.M. 14334
Udall, S.J. Calculation and optimisation of SAR signal levels, including an active array antenna 16933
Udalov, Y.B. *see* Ochkin, V.N. 23752
Udalov, Yu.B. *see* Tskhai, S.N. 44364
Udayakumar, K.R. *see* Chen, H.D. 54947
Udayakumar, N. *see* Osterwald, C.R. 39167
Udd, E. Secure fiber optic communication based on the Sagnac interferometer 26893
Udd, E. Advanced strain measurement applications of fiber optic grating sensors 40699
Udd, E. Applications of fiber optic smart structures 48598
Udd, E. Distributed fiber optic sensor based on the Sagnac interferometer and fiber gratings for aircraft and spacecraft 59926
Udd, E., Corona, K., Slattery, K.T., Dorr, D.J. Fiber grating system used to measure strain in a 22 ft composite utility pole 19378
Udd, E., Nelson, D., Lawrence, C., Ferguson, B. Three axis strain and temperature fiber optic grating sensor 17398
Udd, E. *see* Fuhr, P. 36598
Udd, E. *see* Lawrence, C.M. 48615
Uddin, M.B. *see* Paul, R.K. 52339
Uddin-Mohammed, M. *see* Mori, H. 37762
Ude, A., Ekre, T.E. Stereo grouping for model-based recognition 5075
Udea, F. *see* Amaratunga, G.A.J. 42898
Udem, T., Huber, A., Weitz, M., Leibfried, D., Koenig, W., Prevedelli, M., Dmitriev, A., Haensch, T.W. A phase-coherent frequency chain connecting a methane stabilized He-Ne laser to the hydrogen L_α-transition frequency 7145
Udem, T., Huber, A., Weitz, M., Leibfried, D., Konig, W., Prevedelli, M., Dimitriev, S., Geiger, H., Hansch, T.W. Phase-coherent measurement of the hydrogen 1S-2S frequency with an optical frequency interval divider chain 27341
Udhayan, R., Bhatt, D.P. On the corrosion behaviour of magnesium and its alloys using electrochemical techniques 29522
Udhayasankar, M. *see* Arulkumaran, S. 2303
Udo, T. Estimation of lightning shielding failures and mid-span back-flashovers based on the performance of EHV double circuit transmission lines 50603
Udono, H., Motogaito, A., Kimura, M., Tanaka, A., Sukegawa, T. Suppression of twins in GaAs layers grown on a GaP(111)B substrate by liquid phase epitaxy 12247
Udono, H. *see* Kimura, M. 30790
Udovcic, A. *see* Adam, A. 37280
Udpikar, V. *see* Kulkarni, G.R. 8058
Udrea, F., Amaratunga, A.J. The double gate lateral inversion layer emitter transistor–a novel power device concept with a dynamic emitter 22834
Udrea, F., Amaratunga, A.J. The trench inversion layer emitter thyristor (ILET) 42979
Udrea, F., Amaratunga, G. The trench insulated gate bipolar transistor–a high power switching device 54622
Udren, E.A., Zipp, J.A., Michel. G.L., Mustaphi, K.K., Nilsson, S.L., Phadke, A.G., Ramaswami, R., Rockefeller, G.D., Sachdev, M.S., Strang, W.M., Thorp, J.S., Tziouvaras, D.A., Varneckas, V., Wagner, C.L. Proposed statistical performance measures for microprocessor-based transmission-line protective relays. II. Collection and uses of data 38418
Udren, E.A., Zipp, J.A., Michel, G.L., Mustaphi, K.K., Nilsson, S.L., Phadke, A.G., Ramaswami, R., Rockefeller, G.D., Sachdev, M.S., Strang, W.M., Thorp, J.S., Tziouvaras, D.A., Varneckas, V., Wagner, C.L. Proposed statistical performance measures for microprocessor-based transmission-line protective relays. I. Explanation of the statistics 38417
Udupa, J.K. *see* Grevera, G.J. 18278
Udupa, J.K. *see* Palagyi, K. 18298
Udupa, J.K. *see* Samarasekera, S. 59452
Ue, M., Takeda, M., Suzuki, Y., Mori, S. Chemical stability of γ-butyrolactone-based electrolytes for aluminum electrolytic capacitors 11762
Ueba, H. *see* Mori, M. 794
Ueba, H. *see* Nishiwaki, H. 30761
Ueba, Y. *see* Uemura, T. 55401
Uebach, W. *see* Popescu, M. 42083
Uebayashi, S. *see* Zhao, H. 47632
Uebel, L.F., Bampi, S. A timing analysis tool for VLSI CMOS synchronous circuits 11283
Uebel, L.F. *see* do Valle Simoes, E. 53509
Uecker, D.R. *see* Yuan-Fang Wang 28392
Ueda, A., Henderson, D.O., Mu, R., Tung, Y.-S., Hall, C., Zhu, J.G., White, C.W., Zuhr, R.A. Vibrational and electronic transition in InAs quantum dots formed by sequential implantation of In and As in a-SiO_2 12666
Ueda, A. *see* Henderson, D.O. 42126
Ueda, D. *see* Ishida, I. 41497
Ueda, D. *see* Takenaka, H. 43150
Ueda, D. *see* Tanaka, T. 32444
Ueda, F., Matsui, K., Tsuboi, K., Asao, M., Kobayashi, T., Watanabe, M. A technique of parallel connections of pulsewidth-modulated NPC inverters by using current-sharing reactors 38884
Ueda, F. *see* Matsui, K. 29412
Ueda, F. *see* Matsui, K. 38872
Ueda, F. *see* Matsui, K. 51217
Ueda, H., Ikeda, K., Arai, H., Goto, N. Feed circuits for radial-line waveguide using cavity resonator 45357
Ueda, H., Kinoshita, K. Testability of low power designed circuits 11405
Ueda, H. *see* Iwase, R. 26331
Ueda, H. *see* Kubota, T. 44795
Ueda, H. *see* Ohta, H. 25865
Ueda, H. *see* Sakamoto, K. 17612
Ueda, H. *see* Tsuchida, M. 58040
Ueda, H. *see* Yamada, K. 15459
Ueda, H. *see* Yamagishi, Y. 10225
Ueda, K., Morinaka, H., Yamaguchi, Y., Iwamatsu, T., Kim, I.J., Inuoue, Y., Mashiko, K., Sumi, T. Floating-body effects on propagation delay in SOI/CMOS LSIs 21568
Ueda, K., Ogawa, Y. Proposition of modified Ioffe's theory on Peltier cooling 29652
Ueda, K., Shiobara, R. Calculation of superconducting generator constants by 3-dimensional electromagnetic field analysis 50908
Ueda, K., Takahashi, S.-I. Realization of two transfer functions with complex coefficients by a transfer function with hypercomplex coefficients 4632
Ueda, K., Umeda, A. Improvement of novel NRLM method for accelerometer characterization to the range 10^2 m s^{-2} 17793
Ueda, K. *see* Anping Liu 3377
Ueda, K. *see* Anping Liu 3395
Ueda, K. *see* Anping Liu 13626
Ueda, K. *see* Baba, R. 7947
Ueda, K. *see* Fujita, S. 32217
Ueda, K. *see* Iwamatsu, T. 53114
Ueda, K. *see* Kamada, T. 36308
Ueda, K. *see* Kaminiskii, A.A. 44412
Ueda, K. *see* Kaminskii, A.A. 4012
Ueda, K. *see* Kaminskii, A.A. 44738
Ueda, K. *see* Kim, I.J. 43261
Ueda, K. *see* Maeda, S. 41066
Ueda, K. *see* Matsuo, K. 46128
Ueda, K. *see* Murakami, T. 49064
Ueda, K. *see* Nakakura, Y. 48218
Ueda, K. *see* Nishioka, H. 44652
Ueda, K. *see* Ohkura, K. 10332
Ueda, K. *see* Ohkura, K. 10361
Ueda, K. *see* Sakuta, S. 27887
Ueda, K. *see* Sasaki, A. 13961
Ueda, K. *see* Umetani, K. 7951
Ueda, K. *see* Yamazaki, A. 8422
Ueda, M., Hashimoto, S. Blind decomposition algorithm for the sound source separation 45687
Ueda, M., Kagawa, K., Sugino, Y., Moriya, K., Chen, J., Matsui, T. A new method for detecting vacuum leakage of a pressure sensor using a pulse discharge technique 48459
Ueda, M., Matsumura, A., Kawazu, M., Sakai, S. Real-time optical measuring system for dye colour and concentration. II. Dispersive dye 48987
Ueda, M., Stellati, C., Barroso, J.J., Nono, M.C.A., Alexander, A. Nitrogen plasma immersion ion implantation of metals with a 2.45 GHz microwave source 28010
Ueda, M. *see* Saotome, H. 55071
Ueda, M. *see* Sugiura, A. 25705
Ueda, M. *see* Tamura, H. 12450
Ueda, N., Hosono, H., Kawazoe, H. Noble transparent semiconductor: $MgIn_2O_4$ 12297
Ueda, N. *see* Baba, S. 239
Ueda, O. Reliability and degradation of III-V optical devices 88
Ueda, R. *see* Kajiwara, K. 17761
Ueda, R. *see* Kazihara, K. 40940
Ueda, R. *see* Sonoda, T. 58620
Ueda, S. *see* Asaoka, A. 27541
Ueda, S. *see* Yamazaki, K. 58649
Ueda, T. Demand forecasting and network planning methods under competitive environment 46811
Ueda, T., Shiozawa, T. Nonlinear space-charge waves in a relativistic electron beam drifting along a Kerr-like medium 14533
Ueda, T., Yoda, M., Miyachi, I. Characteristics of lightning surges observed at 77 kV substations 29506
Ueda, T., Yuri, M., Lee, H., Harris, J.S., Jr., Baba, T. Photoluminescence study of chloride VPE-grown GaN 21306
Ueda, T. *see* Hagiwara, T. 28943
Ueda, T. *see* Hata, K. 54324
Ueda, T. *see* Hikita, M. 13304
Ueda, T. *see* Hoshino, T. 9426
Ueda, T. *see* Miwa, S. 60955
Ueda, T. *see* Morita, S. 43906
Ueda, T. *see* Ohmatsu, K. 23423
Ueda, T. *see* Okubo, H. 43469
Ueda, T. *see* Shiomi, S. 37630
Ueda, T. *see* Tanaka, T. 32444
Ueda, T. *see* Uesaka, M. 18020
Ueda, T. *see* Uzuka, T. 29746
Ueda, T. *see* Yuri, M. 21307
Ueda, Y., Inoue, Y., Shinohara, S., Kawai, Y. Deposition of large area amorphous silicon films by ECR plasma CVD 40592
Ueda, Y., Kaneko, M., Saito, T., Harashima, H. Representation of moving image sequence with skewed planes and its application to the video coding 46101
Ueda, Y., Kaneko, M., Saito, T., Harashima, H. Representation of moving images with skewed planes and its application to the video coding 57282
Ueda, Y. *see* Kita, T. 28762
Ueda, Y. *see* Matsuzawa, H. 7725
Ueda, Y. *see* Matsuzawa, I. 37079
Ueda, Y. *see* Minagawa, H. 33856
Ueda, Y. *see* Nakajima, H. 21473
Ueda, Y. *see* Nomura, K. 17103
Ueda, Y. *see* Takase, F. 50962
Ueda, Y. *see* Takura, A. 5926
Uedono, A., Kitano, T., Watanabe, M., Moriya, T., Komuro, N., Kawano, T., Tanigawa, S., Suzuki, R., Ohdaira, T., Mikado, T. Fluorine-related defects in BF_2^+-implanted Si probed by monoenergetic positron beams 54030
Ueguri, S. *see* Iwata, A. 12939
Ueha, S. *see* Satonobu, J. 9277
Uehara, D. *see* Asahi, K. 6765
Uehara, G.T. *see* Moorthy, H.T. 24671
Uehara, H., Sasase, I. Fiber optic hybrid coherence multiplexed/subcarrier multiplexing (CM/SCM) system for microcellular mobile communications 6541
Uehara, I. *see* Nakashima, Y. 54780
Uehara, K., Hirota, K. Fuzzy connection admission control for ATM networks based on possibility distribution of cell loss ratio 25853
Uehara, K., Kagoshima, K. A crossed fan-beam method for wideband digital indoor communication systems 58111
Uehara, K., Seki, T., Kagoshima, K. A planar sector antenna for indoor high-speed wireless communication systems 26140
Uehara, K. *see* Kagoshima, K. 34299
Uehara, K. *see* Seki, T. 24572
Uehara, K. *see* Seki, T. 56204
Uehara, K. *see* Yamada, H. 17073
Uehara, M., Tomida, T., Tomizawa, H., Hirosawa, S., Maehara, Y. Magnetic domain structure of anisotropic $Nd_2Fe_{14}B$-based magnets produced via the hydrogenation, decomposition, desorption and recombination (HDDR) process 23292
Uehara, M. *see* Nishizawa, S. 17646
Uehara, M. *see* Tomida, T. 3095
Uehara, S., Imamura, K. Linear complexity of periodic sequences obtained from GF(q) sequences with period q^n-1 by one-symbol insertion 4411
Uehara, S., Imamura, K. Characteristic polynomials of binary complementary sequences 34537
Uehara, T., Nakabayashi, T., Segawa, M., Yamashita, K., Arai, M., Ukeda, T., Yabu, T., Kobayashi, S., Yamanaka, M., Saiki, M., Okuyama, H., Kanda, A., Ogura, M. A novel local interconnect technology (MSD) for high-performance logic LSIs with embedded SRAM 2803
Uehara, Y. *see* Asano, T. 17066
Uehara, Y. *see* Nonomura, T. 36349
Uehara, Y. *see* Shoji, K. 2935
Uejima, E. *see* Tsutsui, K. 42702
Uejima, K. *see* Kawasaki, K. 32324
Uejima, K. *see* Tsutsui, K. 10829
Ueki, F. *see* Itsumi, M. 41851
Ueki, H. *see* Mori, H. 37762
Ueki, H. *see* Umetani, K. 7951
Ueki, K., Sugiyama, M., Tanaka, H., Takashima, K. Sensors for steel mills 17788
Ueki, M. *see* Akatsu, Y. 16729
Ueki, M. *see* Fukano, H. 23958
Ueki, M. *see* Muramoto, Y. 23683
Ueki, M. *see* Ootani, H. 20877
Ueki, T. *see* Itsumi, M. 2354
Ueki, T. *see* Koseki, T. 13729
Ueki, T. *see* Nakashima, S. 22971
Ueki, Y., Matsui, T., Endo, H., Kato, T., Araya, R. Development of peak load forecasting system using neural networks and fuzzy theory 28841
Uekusa, S. *see* Katsumata, H. 2314
Uekusa, S. *see* Katsumata, H. 31930
Uekusa, S. *see* Katsumata, H. 42030
Uekusa, S. *see* Kobayashi, N. 10791
Uekusa, S. *see* Kobayashi, N. 42392
Uekusa, S. *see* Shibata, H. 31907
Uekusa, S.-I. *see* Mizuno, Y. 40323
Uematsu, A. *see* Endou, E. 47468
Uematsu, A. *see* Kiguchi, T. 14168
Uematsu, H. *see* Tsuboi, T. 49380
Uematsu, K. *see* Yoshida, H. 31007
Uematsu, M. Simulation of boron diffusion in Si based on the kick-out mechanism 12646
Uematsu, M. *see* Martinez, E. 49350
Uematsu, M. *see* Ogawa, T. 2499
Uematsu, T. *see* Ohtsuka, H. 9560
Uematsu, T. *see* Ohtsuka, H. 39219
Uematsu, Y., Murata, K., Matsuoka, S. Parallel mB1C word alignment procedure and its performance for high-speed optical transmission 58305
Uematsu, Y. *see* Yamaguchi, K. 42582
Uemoto, E. *see* Muneyasu, M. 4950
Uemoto, N. *see* Kosugi, Y. 59508
Uemoto, Y. *see* Shimada, Y. 2984
Uemura, H. *see* Fukumoto, Y. 11855

Uemura, K., Kanemaru, S., Itoh, J. Fabrication of Si field emitter tip for a three-dimensional vacuum magnetic sensor 31698
Uemura, K., Shimanoe, K. Analysis of Cu adhesion onto silicon wafer surface using electrochemical impedance measurement 42562
Uemura, K. *see* Shimoyama, I. 28340
Uemura, S., Miyazaki, K. Operation of a femtosecond Cr:LiSAF solitary laser near zero group-delay dispersion 14052
Uemura, S., Miyazaki, K. Kerr-lens mode locking of a Cr:LiSAF laser 23854
Uemura, S., Miyazaki, K. All-solid-state femtosecond Cr:LiSAF laser 23855
Uemura, S., Miyazaki, K. A novel cavity design for femtosecond Cr:LiSAF laser pumped by a single high-power diode laser 55756
Uemura, T., Baba, T. Large enhancement of inter-band tunneling current densities of over 10^5 A/cm^2 in $In_{0.53}Ga_{0.47}As$-based surface tunnel transistors 53589
Uemura, T., Kimura, H., Okuda, N., Okuda, Y., Ueba, Y., Shirakawa, T., Osaka, H. Development of organic electroluminescent materials 55401
Uemura, T. *see* Takebuchi, M. 42711
Uen, T.M. *see* Hwang, C.S. 7723
Uen, T.M. *see* Hwang, C.S. 37043
Ueng Fang-Biau *see* Fang-Biau Ueng
Ueng Neng-Tsann *see* Neng-Tsann Ueng
Uenishi, N. *see* Gerloff, C. 59642
Uenishi, Y. Coupled-cavity laser diode with micromachined external mirror 44450
Uenishi, Y. *see* Hashimoto, E. 41564
Uenishi, Y. *see* Katagiri, Y. 14122
Ueno, A., Fujimura, S., Yamashita, Y., Tanaka, M., Kubota, C., Yoshino, K., Morozumi, Y., Kawamura, M., Kudo, K., Ono, M., Anami, S., Igarashi, Z., Takasaki, E., Takagi, A., Yamazaki, Y. Beam test of the pre-injector and the 3-MeV H$^-$RFQ with a new field stabilizer PISL 37029
Ueno, A. *see* Fujimura, S. 37157
Ueno, A. *see* Kamimura, S. 44320
Ueno, F. *see* Motomura, T. 12025
Ueno, H. *see* Hosaka, M. 54532
Ueno, H. *see* Kimura, S. 46096
Ueno, H. *see* Kuge, N. 61314
Ueno, H. *see* Matsubara, Y. 42668
Ueno, H. *see* Minagawa, H. 33856
Ueno, H. *see* Sugasawa, F. 29867
Ueno, H. *see* Sugiyama, S. 23072
Ueno, H. *see* Taguchi, K. 43935
Ueno, H. *see* Takeda, Y. 29618
Ueno, H. *see* Watanabe, T. 51770
Ueno, J. *see* Yamashina, H. 10197
Ueno, K., Seki, Y. Investigation of the inversion layer electron mobility in α-SiC 31921
Ueno, K., Urushidani, T., Seki, Y. Guard-ring termination for high-voltage SiC Schottky barrier diodes 2571
Ueno, K. *see* Hayashi, Y. 2443
Ueno, K. *see* Sakamoto, H. 16649
Ueno, M. PtSi infrared camera for astronomical observations 27664
Ueno, M., Ishikawa, H. Strategies toward an open network: towards the promotion of open network 35739
Ueno, M. *see* Maoka, T. 61063
Ueno, M. *see* Sone, T. 27663
Ueno, M. *see* Xiao-Gang Zhang 51556
Ueno, S., Oda, H., Ajika, N., Inuishi, M., Miyoshi, H. Optimum voltage scaling methodology for low voltage operation of CHE type flash EEPROMs with high reliability, maintaining the constant performance 1352
Ueno, S. *see* Iwaki, S. 7906
Ueno, S. *see* Minamizawa, M. 10170
Ueno, S. *see* Minamizawa, M. 52217
Ueno, S. *see* Nakagawa, S. 8049
Ueno, S. *see* Tayu, S. 30486
Ueno, T. *see* Hwang, J. 13409
Ueno, T. *see* Sugimoto, Y. 31146
Ueno, T. *see* Tanimoto, H. 11570
Ueno, Y. *see* Shirai, T. 10039
Uenohara, U., Kanade, T. Geometric invariants for verification in 3-D object tracking 56816
Uenoya, T., Oguri, T. New acoustic emission analysis for characterization of fiber/matrix interfacial strength of woven fabric laminates 1008
Uenoyama, K. *see* Mizuta, M. 2877
Uenoyama, T., Suzuki, M. Analysis of wurtzite GaN/AlGaN quantum well lasers from first-principles calculations 14177
Uenoyama, T. *see* Suzuki, M. 3857
Uenoyama, T. *see* Suzuki, M. 14095
Uenoyama, T. *see* Suzuki, M. 24028
Uenoyama, T. *see* Yuki, K. 22399
Ueoka, T. *see* Tsujino, J. 18964
Ueoka, Y. *see* Kato, Y. 12014
Ueoka, Y. *see* Osada, Y. 10980
Uera, Y. *see* Fukushima, F. 48053
Uesaka, M., Kozawa, T., Kobayashi, T., Ueda, T., Miya, K. Generation and application of a sub-picosecond high brightness electron single bunch at the S-band linear accelerator 18020
Uesaka, M. *see* Badics, Z. 40719
Uesaka, Y. Convergence of algorithm and the schema theorem in genetic algorithms 21103
Uesaka, Y. *see* Tokura, T. 17101
Ueshima, M., Mano, M., Yoneda, Y., Ichikawa, T., Tsudaka, K., Takahashi, H., Yamamura, I., Yabuta, M., Motoyoshi, M. A 5-μm^2 full-CMOS cell for high-speed SRAMs utilizing a optical-proximity-effect correction (OPC) technology 1360
Ueshima, T. *see* Katayama, H. 27180
Uesu, Y. *see* Kurimura, S. 32652
Uesugi, K. *see* Suemune, I. 40468
Uesugi, K. *see* Suzuki, H. 31966
Uesugi, S. *see* Takagi, Y. 54062
Uesugi, T. *see* Koike, H. 52814
Ueta, A.Y. *see* Springholz, G. 10674
Ueta, T., Kawakami, H. Bifurcation phenomena in the Josephson junction circuit coupled by a resistor 1096
Ueta, Y. *see* Grabecki, G. 12416
Ueta, Y. *see* Grabecki, G. 42234
Ueta, Y. *see* Yuan, S. 42192
Uetani, T., Hiroyama, R., Shono, M., Ibaraki, A., Yodoshi, K., Niina, T. Real-index-guided 630-nm-band AlGaInP laser diode with AlInP current blocking layer 33494
Uetomi, I. Transient beam loading in extended constant-gradient structures, combined with SLED (SLAC's energy doubler) in electron linac 27999
Uetsuji, M. *see* Yae, S. 9545
Uetsuka, H., Hakuta, T., Okano, H., Taketani, N., Teraoka, T. 2×N optical splitters using silica-based planar lightwave circuits 26920
Uetsuka, H. *see* Okano, H. 26916
Uetsuka, H. *see* Okano, H. 58328
Ueyama, H. *see* Mizuno, T. 32883
Ueyama, K. *see* Fukushima, Y. 22643
Ueyama, M. *see* Kato, T. 55151
Ueyama, T. *see* Fujisaki, K. 9742
Ueyama, T. *see* Fujisaki, K. 44996
Ueyanagi, K. *see* Saito, K. 48455
Uezato, K., Higa, S., Senjyu, T. An application of deterministic nonlinear prediction with neural networks to load forecasting 38306
Uezato, K., Miyazato, A., Senjyu, T. Improvement of power system stability by cooperative control of AVR and GOV with fuzzy controller 38235
Uezato, K., Nema, K., Senjyu, T. Fast current control scheme for active filter using observers 60237
Uezato, K., Shiroma, S., Senjyu, T. Improvement of transient stability of power systems using variable series capacitor applying neuro-fuzzy controller 60259
Uezato, K. *see* Seniyu, T. 29351
Uezato, K. *see* Senjyu, T. 8821
Uezato, K. *see* Senjyu, T. 9267
Uezato, K. *see* Senjyu, T. 9286
Uezato, K. *see* Senjyu, T. 9403
Uezato, K. *see* Senjyu, T. 19770
Uezato, K. *see* Senjyu, T. 29172
Uezato, K. *see* Senjyu, T. 29676
Uezato, K. *see* Senjyu, T. 38806
Uezato, K. *see* Senjyu, T. 39261
Uezato, K. *see* Senjyu, T. 50384
Uezato, K. *see* Senjyu, T. 50923
Uezato, K. *see* Senjyu, T. 50947
Uezato, K. *see* Senjyu, T. 51036
Uezato, K. *see* Senjyu, T. 51059
Uezato, K. *see* Senjyu, T. 51067
Uezato, K. *see* Senjyu, T. 60792
Uezato, K. *see* Senjyu, T. 60816
Ufert, K.-D. *see* Fischer, D. 39129
Uffelen, M.Van *see* Van Uffelen, M.
Uffmann, D., Ibrom, C., Ackermann, J., Stemmer, J., Aderhold, J. Snap-back temperature dependence for an epi-CMOS ASIC-process up to 250°C 54793
Uffmann, D. *see* Stemmer, J. 54794
Ufford, D.A. Design for the environment–getting started 39951
Ufimtsev, A.G. *see* Akchurin, N. 37077
Ufimtsev, N.I. *see* Zagidullin, M.V. 55487
Ufimtsev, P.Y. Comments on diffraction principles and limitations of RCS reduction techniques 16858
Ufimtsev, P.Ya. *see* Maci, S. 24517
Ug Jeong Jae *see* Jae Ug Jeong
Ug Kim Gyu *see* Gyu Ug Kim
Uga, R. *see* Ban, Y. 60416
Ugai, Y., Inada, T., Nakagawa, T., Aoki, S. Development of wide-viewing-angle TFT-LCDs using half-tone gray-scale method 48794
Ugai, Y., Nishimura, K., Aoki, S., Kawasaki, M. Deposition conditions and optical characteristics of Mo/MoO_x film 40654
Ugai, Y., Yasui, M., Yukawa, T. A defect free TFT-LCD using laser repair technology 36828
Ugai, Y., Yasui, M., Yukawa, T. A defect free TFT-LCD using laser repair technology 36829
Ugai, Y., Yukawa, T., Nakagawa, T., Nakamura, H. Reduced process high aperture ratio a-Si light valve with field shielded pixel (FSP) structure using top gate TFT 44084
Ugajin, R. Resonant absorption due to electron-electron interaction in coupled quantum dots under an electromagnetic field 32026
Ugajin, T. *see* Tanaka, M. 13323
Uggerhj, E. *see* Elsener, K. 49261
Ugnell, H. The respiratory synchronous photoplethysmographic signal. Its dependence on light wavelength and sample volume 37634
Ugnell, H. *see* Olsson, E. 37635
Ugol'nikov, S.A. *see* Lyabin, N.A. 13915
Ugrelidze, N. *see* Bossert, M. 4438
Uguen, B. *see* Le Helloco, Y. 48040
Ugurdag, H.F., Fuhrman, T.E. Autocircuit: a clock edge general behavioral synthesis system with a direct path to physical datapaths 1059
Uh Hyung Soo *see* Hyung Soo Uh
Uh Yoon *see* Yoon Uh
Uher, C. *see* Baoxing Chen 31925
Uhl, A. Parallel algorithms for using non-stationary MRA in image compression 15581
Uhl, A. Generalized wavelet decompositions in image compression: arbitrary subbands and parallel algorithms 57404
Uhl, A., Hammerle, J. Parallel image compression on a workstation cluster using PVM 25667
Uhl, A., Hammerle, J. Issues in implementing block-based image compression techniques on parallel MIMD architectures 56863
Uhl, A. *see* Hammerle, J. 57141
Uhl, C., Friedrich, R. Spatiotemporal signal analysis: recognition of interacting modes 4822
Uhl, C. *see* Kagan, H. 37508
Uhl, G. *see* Feighery, P. 59868
Uhl, R. *see* Messler, P. 28245
Uhl, T. *see* Lisowski, W. 7588
Uhlenbusch, J., Bielesch, U., Klein, S., Napp, M., Schafer, J.H. Recent developments in metal processing with pulsed laser technology 4171
Uhlenbusch, J. *see* Doerk, T. 30872
Uhlhorn, E.W. *see* Jones, W.L. 50056
Uhlig, A., Dietrich, F., Lindner, E., Schnakenberg, U., Hintsche, R. Miniaturised ion-selective sensor chip for potassium measurement in a biomedical application 17562
Uhlig, A. *see* Schnakenberg, U. 27698
Uhlig, R.P. Evolution of intelligent networks 47305
Uhlisch, D., Golubov, A.A., Hollfelder, M., Neurohr, K., Ustinovo, A.V., Braginski, A.I., Luth, H. Investigation of Nb contacts to a GaInAs/InP heterostructure 23398
Uhlisch, D. *see* Lachenmann, S.G. 23419
Uhlisch, D. *see* Lachenmann, S.G. 43807
Uhlisch, D. *see* Neurohr, K. 22448
Uhlmann, D.R. *see* Denesuk, M. 55300
Uhlmann, D.R. *see* Teowee, G. 17489
Uhlmann, D.R. *see* Teowee, G. 54926
Uhlmann, F.H. *see* Mader, G. 44885
Uhlmann, F.H. *see* Romanus, E. 48282
Uhrberg, R.I.G. *see* Schedin, F. 36566
Uhrich, P.J.-M. Influence of the ionospheric delays on the subnanosecond accuracy of Ku-band two-way satellite time and frequency transfer 27339
Uhrig, H.K. *see* Schulz, K.-J. 46609
Uhrig, R.E. *see* Buczak, A.L. 15707
Uhrin, R., Profumo, F. Complete state feedback control of quasi direct AC/AC converter 38833
Uhrin, R., Profumo, F. Analysis of spectral performance of resonant DC link inverter controlled by delta-sigma modulation 60905
Uhrynowski, Z. *see* Ciechanowicz, W. 19226
Ui, K., Koura, N., Idemoto, Y., Iizuka, E. Positive electrode active material for a nonflammable rocking chair type lithium secondary battery with an ambient temperature molten salt electrolyte 61044
Ui, K. *see* Koura, N. 61038
Uijen, G.J.H. *see* Hoekema, R. 49691
Uimin, M.A. *see* Yermakov, A.Y. 52831
Uipil Chong, Soon-Jong Kim The roundoff noise analysis for block digital filters realized in cascade form 53439
Uitterdijk, T., Van Brug, H., Groen, F.H., Frankena, H.J., Vreeburg, C.G.M., Van Der Tol, J.J.G.M. Integrable polarization insensitive InGaAsP/InP Mach-Zehnder switch 44080
Uitterdijk, T. *see* Vreeburg, C.G.M. 26871
Uji, S. *see* Kido, G. 3300
Uji, T. *see* Yamada, H. 17073
Uji, T. *see* Yamada, H. 58287
Ujihara, K. *see* Enomoto, T. 3921
Ujihara, K. *see* Nakajima, Y. 57360
Ujihara, K. *see* Takahashi, I. 14221
Ujita, H. What is expert performance in emergency situations? 52106
Ujita, H., Yokota, T., Tanikawa, N. An intelligent computer aided instruction system for plant operators to study emergency procedures 60498
Uk, T. *see* Marks, S. 42627
Uk Choi Byung *see* Choi Byung Uk
Uk Jeong Young *see* Young Uk Jeong
Uk Lee Sang *see* Sang Uk Lee
Uk-Song Kang, Seung-Ki Lee, Min-Koo Han Highly sensitive magnetotransistor with combined phenomena of Hall effect and emitter injection modulation operated in the saturation mode 17264
Uk-Youl Huh *see* Seok-Ho Lee 51055
Uk-Youl Huh *see* Tae-Gyoo Lee 29253
Uk-Youl Huh *see* Tae-Gyoo Lee 51667
Uka, H.P. Controlling uniformity of copper plating in the PTH: a paradigm shift 1833
Ukai, H. *see* Kasai, H. 51512
Ukai, Y., Niki, N., Satoh, H., Watanabe, S., Ohmatsu, H., Eguchi, K., Moriyama, N. An algorithm for coronary calcification diagnosis based on helical CT images 8047
Ukawa, K. *see* Matsuda, N. 52756
Ukechi, M. *see* Ishikawa, H. 16794
Ukeda, T. *see* Uehara, T. 2803
Ukegawa, S. *see* Wada, S. 39390
Ukhansky, N.N. *see* Gudoshnikov, S.A. 27464
Ukibe, M. *see* Kishimoto, M. 23420
Ukigaya, F. *see* Murata, B.N. 17053
Ukita, A. *see* Hirayama, Y. 21934

Ukita, M. *see* Chuang, S.L. 33293
Ukolov, A.T. *see* Gorev, N.B. 42078
Ukrainec, A. *see* Haykin, S. 16891
Ukraintsev, V.A. *see* Nishino, H. 48474
Ukshe, A., Leonova, L. Relaxation of the potential of superionic systems sensible to hydrogen concentration 36738
Uksusov, N.I. *see* Batskikh, G.I. 7697
Ul, O., Nakayama, M., Shimizu, Y. Evaluation of two different delivery systems for distance education by satellite 58252
Ul Haq Zia *see* Zia Ul Haq
Ula, N. *see* Coons, E.M. 32375
Ula, N. *see* Johnson, C. 20462
Ulaby, F. *see* Pierce, L. 18778
Ulaby, F.T. *see* Bergen, K.M. 8529
Ulaby, F.T. *see* De Roo, R.D. 34088
Ulaby, F.T. *see* Kellndorfer, J.M. 8404
Ulander, L.M.H., Hellsten, H. A new equation for SAR spatial resolution 16954
Ulander, L.M.H., Sipus, Z. RCS of dipoles used for SAR calibration 26959
Ulander, L.M.H. *see* Askne, J.I.H. 28675
Ulander, L.M.H. *see* Dierking, W. 28652
Ulander, L.M.H. *see* Gustavsson, A. 8338
Ulander, L.M.H. *see* Hellsten, H. 6949
Ulander, L.M.H. *see* Israelsson, H. 28676
Ulber, R. *see* Koneke, R. 36712
Ulbikas, J., Cenys, A., Zemaityte, D., Varoneckas, G. Correlations in heart beat data as quantitative characterization of heart pathology 28369
Ulbrich, E. The coming avionics utility 49884
Ulbrich, R.G. *see* Heinrich, A.J. 41933
Ulbricht, H. Reliability above all: the DE relay for universal load switching on printed circuits 22012
Ulbricht, J. *see* Adam, A. 37280
Ulbricht, S. *see* Gottfried-Gottfried, R. 13156
Ulema, M. *see* Yu, C.C. 47438
Ulema, M. *see* Yu, C.C. 47439
Uler, F.G. *see* Mohammed, O.A. 44988
Uler, G.F. *see* Mohammed, O.A. 44973
Ulgen, F., Flavell, A., Akamatsu, N. Recognition of on-line handdrawn geometric shapes by fuzzy filtering and neural network classification 56825
Ulhoi, J.P. Towards a theoretical and methodological corporate technology management framework. The strategic perspective 9937
Ulhoi, J.P. *see* Holm, C. 9950
Ulibarri, L.J., Boger, J.K., Fetrow, M.P. Laboratory investigation of aberration recovery for Doppler heterodyne 27085
Ulieru, D. The modern concept of focused ion beam techniques to reliability analysis for VLSI manufacturing 39934
Ulimov, V.N. *see* Emelianov, V.V. 22843
Ulimov, V.N. *see* Pershenkov, V.S. 22471
Ulin, K., Palisca, M. The use of scattering foil compensators in electron beam therapy 8091
Ulin, K. *see* Engler, M.J. 8136
Ulin, S.E. *see* Dmitrenko, V.V. 59282
Ulinski, S.B. *see* Patterson, T.J. 18791
Ulivi, G. *see* Oriolo, G. 60114
Ulivi, L. *see* Biggeri, U. 7827
Ullah, M.B. International Daylighting Measurement Programme. Singapore data. II. Luminous efficacy for the tropics 20210
Ullah, M.B. International daylight measurement programme. Singapore data. III. Building energy savings through daylighting 20211
Ullakko, K. Large-stroke and high-strength actuator materials for adaptive structures 10983
Ullal, H. *see* Taylor, R. 50837
Ullal, H.S. *see* Zweibel, K. 39054
Ullaland, O. *see* Adam, W. 59267
Ullman, D.G. *see* Teng-Shang Hwang 5269
Ullmann, B. *see* Raynaud, C. 22963
Ulloa, S.E., Pfannkuche, D. Level statistics and interactions in a two-dimensional quantum dot 42101
Ulloa, S.E. *see* Ramirez, F. 31987
Ullrich, B. *see* Guan, Z.P. 12417
Ullrich, B. *see* Guan, Z.P. 42123
Ullrich, F.-R. Temperature stabilisation of the accelerating structure 49060
Ullrich, S. Cooperative stereo-matching in gray-scale images 46432
Ulm, G. *see* Klein, R. 37089
Ulm, G. *see* Scholze, F. 3603
Ulm, G. *see* Solt, K. 17363
Ulmanis, U. *see* Sternberg, A. 43503
Ulmaskulov, M.R. *see* Yalandin, M.I. 24371
Ulmaskulov, M.R. *see* Yalandin, M.I. 27997
Ulmer, C. *see* Garg, V. 22107
Ulmer, F., Weil, J.A. Note on Kovacic's algorithm 10520
Ulmer, L., Georges, L., Veler, J.C., Morand, Y., Bakli, M., Ferrier, V., Lerme, M., Perroud, L., Morel, T. Effect of tungsten chemical vapor deposition nucleation step on via performance 40649
Ulrich, A. *see* Wieser, J. 51827
Ulrich, B.D. *see* Tue Nguyen 2444
Ulrich, C., Mroginski, M.A., Goni, A.R., Cantarero, A., Schwarz, U., Munoz, V., Syassen, K. Vibrational properties of InSe under pressure: experiment and theory 22283
Ulrich, C. *see* Errandonea, D. 22284
Ulrich, D.C., Elston, S.J. The effects of pre-tilt angle on the stability of C1 and C2 in rubbed polymer aligned FLC cells 44094
Ulrich, D.C., Elston, S.J. Ionic influences on the formation and evolution of domains in ferroelectric liquid crystal cells 55318
Ulrich, F. *see* Kahn, T. 7927
Ulrich, R. *see* Gnewuch, H. 44023
Ulrich, R. *see* Parkerson, J.P. 53877
Ulrich, R.K., Rajan, S. Thermal performance of an MCM flip-chip assembly in liquid nitrogen 10141
Ulrich, R.K. *see* Pawar, M.R. 10884
Ulrici, W. *see* Clerjaud, B. 41957
Ulrike, S. *see* Jose, E. 6207
Ulrych, B. *see* Mayer, D. 61334
Ulset, S. R&D outsourcing and contractual governance: an empirical study of commercial R&D projects 20740
Ulseth, T. Protocols for multimedia multiparty conferencing–a presentation of the ITU-T T.120 series recommendations 47375
Ulsoy, A.G. *see* LeBlanc, D.J. 4984
Ulsoy, A.G. *see* LeBlanc, D.J. 20206
Ulug, A.Mufit *see* Mufit Ulug, A.
Ulukan, Z. *see* Kahraman, C. 10004
Ulvklo, M., Granlund, G., Knutsson, H. Texture gradients in sparse texture fields 15720
Ulyanov, A. *see* Akchurin, N. 37257
Ul'yanov, A.I., Zakharov, V.A., Chulkina, A.A., Gorkunov, E.S., Arsent'eva, N.B. A method of coercive force measurement with surface-mounting magnetic devices 52909
Um Hwa-Young *see* Hwa-Young Um
Um Ki Young *see* Ki Young Um
Uma, K., Ramakrishnan, K.R., Ananthakrishna, G. Image analysis using multifractals 28141
Uma Devi, G. *see* Rao, P.M. 47860
Uma Rao, K. *see* Padiyar, K.R. 50428
Umaki, H. *see* Nonaka, I. 19542
Umaki, H. *see* Yoshizawa, H. 19543
Umana, A. *see* Torres, S. 36292
Umann, E. Phons in spoken speech. A contribution to the computer analysis of spoken texts 45685
Umansky, V. *see* Buks, E. 12387
Umansky, V. *see* Messica, A. 42211
Umansky, V. *see* Schuster, R. 32007
Umasuthan, M. *see* Trucco, E. 39879
Umbach, A., Droge, E., Engel, H., Bottcher, E.H., Unterborsch, G., Steingruber, R., Bimberg, D. Submicron InGaAs/InP MSM photodetectors for operation at 1.55 μm 26738
Umbach, A., Leone, A.M., Unterborsch, G. High-frequency behavior of waveguide integrated photodiodes monolithically integrated on InP using optical butt coupling 33272
Umbach, A., Passenberg, W., Unterborsch, G., Mekonnen, G.G., Schlaak, W., Schramm, C., Ebert, W., Wolfram, P., Bach, H.-G., van Waasen, S., Bertenburg, R.M., Janssen, G., Reuter, R., Auer, U., Tegude, F.-J. 27 GHz bandwidth integrated photoreceiver comprising a waveguide fed photodiode and a GaInAs/AlInAs-HEMT based travelling wave amplifier 6867
Umbach, A., Trommer, D., Mekonnen, G.G., Ebert, W., Unterborsch, G. Waveguide integrated 1.55 μm photodetector with 45 GHz bandwidth 6749
Umbach, A., Trommer, D., Siefke, A., Unterborsch, G. 50 GHz operation of waveguide integrated photodiode at 1.55 μm 26839
Umbach, A., van Waasen, S., Auer, U., Bach, H.-G., Bertenburg, R.M., Breuer, V., Ebert, W., Janssen, G., Mekonnen, G.G., Passenberg, W., Schlaak, W., Schramm, C., Seeger, A., Tegude, F.-J., Unterborsch, G. Monolithic pin-HEMT 1.55 μm photoreceiver on InP with 27 GHz bandwidth 3650
Umbach, A. *see* Bach, H.-G. 47952
Umbach, A. *see* van Waasen, S. 47939
Umbach, C.C., Weselak, B.W., Blakely, J.M., Shen, Q. Characterization of large-area arrays of nanoscale Si tips fabricated using thermal oxidation and wet etching of Si pillars 22564
Umbach, C.C. *see* Tanaka, S. 42361
Umbach, E. *see* Heske, C. 39080
Umbach, E. *see* Heske, C. 42424
Ume, C. *see* Tsang, C.-C. 31588
Ume, C.I. *see* Graham, G.M. 38135
Ume, I.C. *see* Stiteler, M.R. 22022
Umebira, M. *see* Nix, A.R. 47210
Umeda, A. *see* Fukui, M. 58294
Umeda, A. *see* Oda, K. 16723
Umeda, A. *see* Ueda, K. 17793
Umeda, A. *see* Usuda, T. 4204
Umeda, K., Hisamoto, D., Nagai, R., Kimura, S. Device characteristics of MOSFETs with self-aligned punch-through stopper structure 43087
Umeda, K., Suzuki, N. Gesture recognition of head motion using range images 35311
Umeda, K., Tomita, T., Taniguchi, K. Silicon dioxide breakdown induced by SHE (substrate hot electron) injection 32643
Umeda, K. *see* Osumi, H. 27928
Umeda, M. A design study of a superconductive magnet made of Bi/Ag oxide superconductors 23424
Umeda, M. *see* Matsuo, K. 46128
Umeda, M. *see* Mawatari, Y. 55086
Umeda, N., Ishikawa, Y., Anzai, T. Automatic fabrication technique of Pt/Ir STM tip using DC and AC applied voltage 10058
Umeda, N., Wakayama, S., Arakawa, S., Takayanagi, A., Kohwa, H. Fast birefringence measurement using right and left hand circularly polarized laser 59061
Umeda, N. *see* Kowa, H. 59054
Umeda, S. *see* Ando, D. 13378
Umeda, T., Inamura, K., Inamoto, K., Ikezoe, J. Diagnostic radiological reporting system for oral reporting and key board entry with automatic reference image generation 59403
Umeda, T. *see* Horinaka, H. 15808
Umeda, T. *see* Horinaka, H. 59528
Umeda, T. *see* Yamasaki, S. 40556
Umeda, Y., Enoki, T., Osafune, K., Ito, H., Ishii, Y. High-yield design technologies for InAlAs/InGaAs/InP-HEMT analog-digital ICs 21959
Umeda, Y., Inujima, H. Development of abnormal signal separation method in nuclear power plant 60490
Umeda, Y. *see* Abbott, J. 196
Umeda, Y. *see* Amagai, M. 52264
Umeda, Y. *see* Hayashi, H. 21960
Umeda, Y. *see* Ishii, Y. 13904
Umegaki, S. *see* Ko, S.-T. 24161
Umegaki, S. *see* Sassa, T. 4037
Umegaki, T. *see* Inda, Y. 27535
Umehara, N. *see* Kubota, T. 3439
Umehara, R. *see* Ogawa, N. 9073
Umehara, Y. *see* Ozaki, K. 43187
Umehira, M., Hashimoto, A., Matsue, H., Nakura, M. A proposal of an ATM wireless access system for tetherless multimedia services 47090
Umehira, M., Nakura, M., Sato, H., Hashimoto, A. ATM wireless access for mobile multimedia: concept and architecture 6519
Umehira, M. *see* Aikawa, S. 5722
Umehira, M. *see* Mochizuki, N. 31150
Umekawa, M. *see* Akane, T. 10779
Umeki, H., Mizutani, H. Dynamic link matching for multiple object recognition 15520
Umemoto, D.K. *see* Kobayashi, K.W. 21963
Umemoto, D.K. *see* Kobayashi, K.W. 41494
Umemoto, K. *see* Okuyama, S. 58876
Umemoto, S. *see* Aoki, Y. 33374
Umemoto, T., Fujisawa, S., Yoshitani, Y. IIR short time spectrum analysis with complex first order system and its applications 4719
Umemoto, T., Fujisawa, S., Yoshitani, Y. Fast wavelet transform and its application 21212
Umemura, E. *see* Fukuda, Y. 21671
Umemura, N., Kato, K. 90° phase-matched ultraviolet generation at 0.2660 μm in $LiClO_4{\cdot}3H_2O$ 14265
Umemura, N. *see* Kato, K. 55911
Umemura, S., Kawabata, K., Sasaki, K. Enhancement of sonodynamic tissue damage production by second-harmonic superimposition: theoretical analysis of its mechanism 8103
Umemura, S. *see* Kaneko, R. 23363
Umemura, S. *see* Yamamoto, R. 3004
Umeno, M. *see* Egawa, T. 44517
Umeno, M. *see* Fujita, K. 13866
Umeno, M. *see* Hasegawa, Y. 10733
Umeno, M. *see* Mosaddeq-ur-Rahman, M. 20034
Umeno, M. *see* Murata, Y. 33467
Umeno, M. *see* Shao, C. 42431
Umeno, M. *see* Shimura, T. 12770
Umeno, M. *see* Shingu, H. 53724
Umeno, M. *see* Soga, T. 40463
Umeno, T., Asano, K., Ohashi, H., Kawai, H., Naito, T., Taguchi, T. Pneumatic monitor for a vehicle based on the disturbance observer 39342
Umergalina, O.V. *see* Dyakin, V.V. 48849
Umesh, S., Cohen, L., Marinovic, N., Nelson, D. Psychoacoustic frequency-scales versus frequency-warping in scale-cepstrum 24855
Umesh, S., Nelson, D. Computationally efficient estimation of sinusoidal frequency at low SNR 25019
Umeshima, Y. *see* Ohki, Y. 32700
Umetani, K., Ueki, H., Ueda, K., Hirai, T., Takeda, T., Doi, T., Wu Jin, Itai, Y., Akisada, M. High-spatial-resolution medical-imaging system using a HARPICON camera coupled with a fluorescent screen 7951
Umetani, K. *see* Baba, R. 7947
Umetani, K. *see* Mori, H. 37762
Umetsu, H. Electromagnetic compatibility in power electronics equipment. IV. Measures for EMC problems in power electronics 11174
Umezaki, J. *see* Ishikawa, H. 32053
Umezaki, T., Kuratani, K., Fujiyoshi, H. Speech training support system for hearing impaired children using the network environment 56418
Umezu, I. *see* Maeda, K. 40634
Umezu, J. *see* Nakagiri, K. 48320
Umezu, M. *see* Mizutani, Y. 9708
Umide, H. *see* Tajima, H. 29671
Umiker, B., Truttmann, P.A. Deregulation! To act or to react? 8794
Umimoto, H. *see* Hori, A. 43295
Umimoto, H. *see* Misaka, A. 43298
Umimoto, H. *see* Segawa, M. 43025
Umlauf, A. *see* Kunde, K. 60338
Umlauft, G. *see* Hartmann, G.K. 8419
Ummarino, G.A. *see* Gonnelli, R.S. 3267
Umoto, J. *see* Inui, Y. 51611
Umoto, J. *see* Matsuo, T. 29651
Umoto, J. *see* Matsuo, T. 61098

Umstadter, D. Terawatt lasers: probing unique material properties with novel diagnostic source 24319
Umstadter, D., Kim, J., Esarey, E., Dodd, E., Neubert, T. Electron acceleration by nonlinear plasma waves resonantly driven with optimized high-intensity laser pulse trains 17885
Umstadter, D. *see* Maksimchuk, A. 28054
Umstadter, K.R., Millard, D.L., Block, R.C. Utilization of a laser-induced plasma as a conductive pathway 11845
Umstatter, H.-H. *see* Bourquin, P. 49274
Umyskov, A.F., Zavartsev, Yu.D., Zagumennyi, A.I., Osiko, V.V., Sudenikin, P.A. The 3 μm laser on the Cr^{3+}:Yb^{3+}:Ho^{3+}:YSGG crystal 3784
Un, C.K. *see* Chang, J.W. 47656
Un, C.K. *see* Choi, J.S. 46579
Un, C.K. *see* Chung, Y.J. 4611
Un, C.K. *see* Jang, C.S. 4612
Un, C.K. *see* Kwon, O.W. 4605
Un, C.K. *see* Lee, D.J. 47655
Un, C.K. *see* Lim, J.S. 24920
Un, C.K. *see* Mina, S.W. 5796
Un, C.K. *see* Park, C.Y. 16038
Un Chong Kwan *see* Chong Kwan Un
Un Kim Seung-L Moon *see* Kook-Hun Kim 50385
Un-Chul Moon *see* Young-Moon Park 50383
Un-Ku Moon, Bang-Sup Song Background digital calibration techniques for pipelined ADCs 31340
Unamuno, V. *see* Delgado, A. 18570
Unar, M.H., Hafiz, T.S., Thebo, L.A. Review of wireless local area networking 26221
Unar, M.H. *see* Memon, A.A. 22597
Unbehauen, H. *see* Daniel-Berhe, S. 38755
Unbehauen, H. *see* Daniel-Berhe, S. 45976
Unbehauen, H. *see* Filatov, N.M. 39265
Unbehauen, H. *see* Gambier, A. 50941
Unbehauen, R. *see* Cichocki, A. 15159
Unbehauen, R. *see* Lian Gong 49459
Unbehauen, R. *see* Reif, K. 45824
Unbehauen, R. *see* Zou Mou-Yan 25638
Unbehauen, R. *see* Zou Mou-Yan 56972
Uncini, A. *see* Campolucci, P. 25221
Uncini, A. *see* Filippetti, F. 9210
Uncini, A. *see* Gentili, P. 15361
Uncini, A. *see* Guarnieri, S. 53494
Uncini, A. *see* Sarghini, S. 6280
Undeland, T. *see* Qing Yu 50511
Undeland, T.M. *see* Yu, Q. 50516
Underhill, B. *see* Sharma, A. 570
Underhill, M.J. Reduction of phase noise in single transistor oscillators 31142
Underhill, M.J., Blewett, M.J. Spectral improvement of direct digital frequency synthesisers and other frequency sources 31352
Underwood, A.C., Law, J., Clayton, C. Reproducibility of Leeds TOR(MAM) mammographic test object plates 59491
Underwood, A.C., Law, J., Goodman, D.A., Robinson, A., Rust, A. Kilovoltage measurement with rhodium target and filters on mammography X-ray machines 7894
Underwood, C.I. *see* Oldfield, M.K. 21679
Underwood, C.P. *see* McCrorie, K.A.B. 50761
Underwood, I., Breslin, J.A., Burns, D.C., Snook, M.W.G., O'Hara, A., Vass, D.G. Advances in pixel design and wafer fabrication for liquid crystal over silicon SLMs 33148
Underwood, I. *see* Burns, D.C. 33155
Underwood, I. *see* Eliiott, J.P. 33341
Underwood, I. *see* Rankin, I.D. 33160
Underwood, I. *see* Williams, R. 33180
Underwood, R.D., Kapolnek, D., Keller, B.P., Keller, S., DenBaars, S., Mishra, U. Field emission from selectively regrown GaN pyramids 1912
Underwood, R.D., Kapolnek, D., Keller, B.P., Keller, S., Denbaars, S.P., Mishra, U.K. Selective-area regrowth of GaN field emission tips 31692
Underwood, R.D. *see* Kapolnek, D. 40452
Underwood, S.R. *see* Guang-Zhong Yang 7965
Undrill, P.E., Delibasis, K., Cameron, G.G. An application of genetic algorithms to geometric model-guided interpretation of brain anatomy 59424
Uneme, Y. *see* Miura, T. 32376
Uner, M.K., Ramac, L.C., Varshney, P.K., Alford, M. Concealed weapon detection: an image fusion approach 56651
Ung Chui Cho, Nam Zin Cho Adomian decomposition method for point reactor kinetics problems 29044
Ung Kim *see* Do-Hyun Park 23866
Ung Kim *see* Il Gon Kim 2132
Ung Kim *see* Young-Nam Hwang 12500
Ung Kim *see* Young-Nam Hwang 22392
Ung Kim Sun *see* Sun Ung Kim
Ung Taek Kang *see* Jeong Hwan Kim 27294
Ungar, J. *see* Chen, T.R. 23904
Ungar, J. *see* Chen, T.R. 23920
Ungar, J. *see* Chen, T.R. 55646
Ungar, L.Y. Profiting from built-in test 52181
Ungarov, J., Kajari, M., Cobanov, N., Furcic, B. Regulation of motor-generator group for auxiliary drives and battery charger for locomotive for current system 3 kV DC HZ type 1061 29765
Unger, B. *see* Jarrett, T. 24341
Unger, C. *see* Barthlein, W. 9745
Unger, E., Bijak, M., Mayr, W., Schmutterer, Ch., Schnetz, G. EOG-Controller for rehabilitation technology 8175
Unger, E. *see* Mayr, W. 8152
Unger, E. *see* Stein, H. 7870
Unger, H.-G. *see* Lusse, P. 23558
Unger, H.-G. *see* Lusse, P. 44043
Unger, H.-G. *see* Lusse, P. 55243
Unger, H.-G. *see* Lusse, P. 55247
Unger, P. *see* Zheng Dai 23990
Unger, R.A. *see* Purvis, B.D. 8249
Unger, S. *see* Glas, P. 33426
Unger, S. *see* Sydow, A. 50224
Unger, S.H. *see* Fu-Chiang Cheng 53173
Ungerechts, S. *see* Lakner, H. 52661
Unguris, J. *see* Band, A. 31728
Ungvichian, V. *see* Lin Lu 41591
Uniewski, H., Schreiber, J., Hildebrandt, S., Leipner, H.S. SEM CL studies on polar glide dislocations in CdTe 31827
Unishkov, V. *see* Kagan, M. 39178
Unlu, F. *see* Kuo, Y.-K. 3763
Unlu, F. *see* Yen-Kuang Kuo 3776
Unlu, M.S. *see* Herzog, W.D. 33496
Unlu, M.S. *see* Herzog, W.D. 42128
Unlu, M.S. *see* Herzog, W.D. 55805
Unlu, M.S. *see* Onat, B.M. 7344
Unlu, M.Selim *see* Selim Unlu, M.
Unnikrishna Pillai, S. *see* Carin, L. 45109
Unnithan, R.S. *see* Vargheese, L. 18435
Unno, K. *see* Kobayashi, K. 22598
Unno, Y., Iwata, Y., Ohsugi, T., Kohriki, T., Kondo, T., Terada, S., Iwasaki, H., Yamada, Y. A new laser test stand for simulating charged-particle tracks 37398
Unno, Y., Takahata, M., Maeohmichi, H., Hinode, F., Akagi, T., Aso, T., Daigo, M., DeWitt, J., Dorfan, D., Dubbs, T., Frautschi, M., Grillo, A., Haber, C., Handa, T., Hatakenaka, T., Hubbard, B., Iwasaki, H., Iwata, Y., Kaplan, D., Kashigin, S., Kipnis, I., Kobayashi, S., Kohriki, T., Kondo, T., Kroeger, W., Matthews, J., Miyata, H., Murakami, A., Noble, K., O'Shaughnessy, K., Ohmoto, T., Ohsugi, T., Ohyama, H., Pulliam, T., Rahn, J., Rowe, W.A., Sadrozinski, H.F.W., Seiden, A., Siegrist, J., Spencer, E., Spieler, H., Takashima, R., Tamura, N., Terada, S., Tezuka, M., Webster, A., Wichmann, R., Wilder, M., Yoshikawa, M. Beam tests of a double-sided silicon strip detector with fast binary readout electronics before and after proton-irradiation 37395
Unno, Y. *see* Antos, J. 37373
Unno, Y. *see* DeWitt, J. 59243
Unno, Y. *see* Dubbs, T. 37393
Unno, Y. *see* Nagasaki, M. 47460
Unno, Y. *see* Nishigohri, M. 43077
Unno, Y. *see* Ohsugi, T. 37392
Unno, Y. *see* Sadrozinski, H.F.W. 37399
Unno, Y. *see* Terada, S. 37391
Uno, H., Kumatami, K., Okuhata, H., Shirakawa, I., Chiba, T. A 4 Mbps infrared wireless communication system dedicated to mobile computing 58320
Uno, K. *see* Kondo, K. 31648
Uno, M. *see* Tamaki, K. 29209
Uno, S. The BELLE central drift chamber 37228
Uno, S. *see* Emi, K. 7794
Uno, T. Temperature compensation of thickness shear mode resonators formed on artificial twinned quartz plates 13351
Uno, T. *see* Furukawa, R. 5116
Uno, T. *see* Tohmon, G. 16678
Uno, Y. *see* Tsuji, H. 18338
Unoki, H. *see* Oka, K. 10601
Unoki, M., Akagi, M. A method of signal extraction from noise-added signal 45930
Unrau, U.B. *see* Frerichs, C. 13992
Unruh, G.R. *see* Cumbest, J.H. 10041
Unruh, K.M. *see* Xiaoping Shao 12545
Unruh, T.D. *see* Strangas, E.G. 39274
Unser, M. Vanishing moments and the approximation power of wavelet expansions 56480
Unser, M., Thevenaz, P., Aldroubi, A. Construction of shift-orthogonal wavelets using splines 25603
Unser, M. *see* Lee, C. 25447
Unser, M. *see* Thevenaz, P. 56772
Unser, M. *see* Vrhel, M. 15294
Unser, M. *see* Vrhel, M.J. 25071
Unser, M. *see* Vrhel, M.J. 45935
Unt, A. *see* Gapontsev, V.P. 13997
Unterborsch, G. *see* Bach, H.-G. 47952
Unterborsch, G. *see* Umbach, A. 3650
Unterborsch, G. *see* Umbach, A. 6749
Unterborsch, G. *see* Umbach, A. 6867
Unterborsch, G. *see* Umbach, A. 26738
Unterborsch, G. *see* Umbach, A. 26839
Unterborsch, G. *see* Umbach, A. 33272
Unterborsch, G. *see* van Waasen, S. 47939
Unterlechner, C. *see* Lussem, G. 13871
Unterrainer, C. *see* Allen, S.J. 12488
Unterrainer, K., Heyman, J.N., Craig, K., Galdrikian, B., Sherwin, M.S., Campman, K., Hopkins, P.F., Gossard, A.C. Intersubband dynamics of asymmetric quantum wells studied by THz 'optical rectification' 2199
Unterrainer, K. *see* Rauch, C. 32018
Unterricker, R.Von *see* Von Unterricker, R.
Unterschutz, B. *see* Rottschalk, M. 33099
Unthank, S. Three dimensional conductor and fiber optic cable modeling 28912
Unuma, M., Nonaka, S., Usami, Y., Yoshinaga, T. Examination for realization of virtual environment using data of power plant 50682
Unwin, A. Exploratory spatial analysis and local statistics 433
Unzueta, M., Flores, B.C., Vargas, R. Two-dimensional polar format algorithm for high-quality radar image formation 26943
Uomi, K. *see* Kondow, M. 30833
Uomi, K. *see* Sagawa, M. 14108
Uomi, K. *see* Sagawa, M. 55669
Uomori, K. Measurement of binocular fusional limit under fixating and free-observing condition as applied to a design of stereoscopic image parameters 17610
Uose, H. *see* Akiyama, J. 26037
Uose, H. *see* Asano, S. 26179
Uose, H. *see* Iwamura, S. 25952
Uose, H. *see* Sebayashi, K. 26353
Uose, H. *see* Rao, S. *(editor)* 20414
Uozumi, T. *see* Kaminaga, K. 50594
Uozumi, Y., Anami, K., Nohtomi, A., Sakae, T., Matoba, M. Absolute neutron sensitivity of a GSO(Ce) scintillation detector 49315
Uozumi, Y. *see* Murohka, H. 59271
Up Jeon Jong *see* Jong Up Jeon
Up Lee Yong *see* Yong Up Lee
Upadeo, S.V., Moharil, S.V. Radiation-induced valence changes in Eu-doped phosphors 55404
Upadhyay, P.K. An inexpensive PC based thermocycler for diagnosis based on polymerase chain reaction 18183
Upadhyay, S.K., Shastri, V. Bayes results for classical Pareto distribution via Gibbs sampler, with doubly-censored observations 52362
Upadhyaya, B.R. *see* Eryurek, E. 38517
Upadhyaya, B.R. *see* Kavaklioglu, K. 38479
Upadhyaya, S. *see* Spina, R. 30176
Upadhyaya, S.J. *see* Goldberg, S.R. 31336
Upadhyayula, L.C. *see* Swaminathan, V. 16774
Upchurch, R.D. *see* Anderson, P.D. 7092
Upfal, E. *see* Broder, A.Z. 5794
Upfal, E. *see* Raghavan, P. 35499
Upham, A. *see* Faltermeier, C. 52766
Uppal, K., Tishinin, D., Dapkus, P.D. Characterization of mixed strain quantum well structures 31968
Uppal, K. *see* Dapkus, P.D. 23924
Uppal, K. *see* Zhu, D.X. 55896
Uppala, S.V., Sahr, J.D. On the design of quadratic filters with application to image processing 46260
Upshaw, B. SVD and higher-order statistics applied in the detection of human nerve signal activity 49744
Upton, A.R.M. *see* Kamath, M.V. 37836
Upton, J. *see* Schuss, J.J. 34462
Upton, R. New PC-based multi-analyzer system enhances productivity 27980
Uqaili, M.A. *see* Burdi, M.K. 60447
ur Rehman, S.Tauseef *see* Tauseef ur Rehman, S.
Ura, S., Endoh, T., Suhara, T., Nishihara, H. Integrated optic head for sensing a two-dimensional displacement of a grating scale 7272
Urabe, D. *see* Adan, A.O. 22815
Urabe, D. *see* Adan, A.O. 22970
Urabe, D. *see* Adan, A.O. 43318
Urabe, K. *see* Kawai, A. 966
Urabe, K. *see* Ohto, K. 42666
Urabe, K. *see* Taguwa, T. 41156
Urahama, K., Nishiyuki, H. Performance of the relaxation algorithm for maximum-cut problems 30681
Urahama, K., Okada, M. Analog circuit for estimating mode of data distribution 41360
Urahama, K. *see* Okada, M. 21146
Urahama, K. *see* Yano, K. 25182
Urahama, K. *see* Yoshimoto, S. 4736
Urairi, K. *see* Komma, Y. 43909
Urakawa, J. *see* Kashiwagi, S. 49209
Urakawa, J. *see* Naito, T. 49200
Urakova, N.O. *see* Il'inova, T.M. 14389
Ural, H., Xiaolin Wu, Fan Zhang On minimizing the lengths of checking sequences 21564
Ural, H. *see* Van Der Schoot, H. 46731
Ural, H. *(editor)* Proceedings. 1996 International Conference on Network Protocols (Cat. No.96TB100070) 51993
Uramoto, S. *see* Holmann, E. 35064
Urano, K., Ehara, Y., Kishida, H., Ito, T. Analysis of discharge luminous location and discharge magnitude on treeing phenomena at each phase angle 32626
Urano, K. *see* Kamikubo, H. 43452
Urano, K. *see* Togashi, K. 43440
Urano, S. *see* Mori, H. 28738
Urano, Y. *see* Kato, T. 46769
Urano, Y. *see* Sugiyama, K. 24654
Uras, C. *see* Verri, A. 5139
Uras, V.S. *see* Guinand, P.S. 58145
Urasaki, N. *see* Iwane, M. 1484
Urasaki, N. *see* Senjyu, T. 50947
Urasaki, N. *see* Senjyu, T. 60792
Urasaki, S. *see* Deguchi, H. 56138
Urasaki, S. *see* Fukasawa, T. 34312
Urasaki, S. *see* Takahashi, T. 56202
Urasawa, S. *see* Kato, R. 18014
Urasawa, S. *see* Shibata, Y. 20221
Urasawa, S. *see* Watanabe, K. 49212
Urashima, K., Chang, J.S., Park, J.Y., Lee, D.C., Chakrabarti, A., Ito, T. Reduction of NO_x from natural gas combustion flue gases by corona discharge radical injection techniques 38105

Urata, J., Mizuno, O., Niitsu, Y.. A development method for customized services with hierarchical structured SLPs 6289
Urata, J. *see* Niitsu, Y. 47256
Urata, M. *see* Watanabe, K. 3301
Uratani, N. *see* Morimoto, T. 4618
Uratsuka, S. *see* Maeno, H. 60083
Uray, P., Pinz, A. Topological investigations of object models 5059
Urba, E. *see* Miskinis, R. 3016
Urbach, H.P. *see* Put, P.L.M. 43915
Urback, H.B. *see* Watts, J.W. 50793
Urban, A. *see* Schanda, U. 18097
Urban, C.W. *see* Fink, T. 7160
Urban, I. *see* Klein, A. 22446
Urban, J. *see* de Valk, J.P.J.M.M. 60039
Urban, J. *see* Frank, K. 28948
Urban, J.P. *see* Buessler, J.L. 58832
Urban, K. *see* Domke, C. 2030
Urban, P. *see* Popowski, Y. 59768
Urban, S.J. *see* Dissado, L.A. 32708
Urban, W. *see* Buescher, S. 55507
Urban, W. *see* Wappelhorst, M.H. 48330
Urbancik, J., Urbancikova, N. Accelerated life tests of ultrasonic wire bonds 22099
Urbancikova, N. *see* Urbancik, J. 22099
Urbanczyk, D. *see* Konczak, S. 58880
Urbanczyk, W., Kurzynowski, P., Wozniak, W.A., Bock, W.J. Performance analysis of a tandem of white-light fiber-optic interferometers 27597
Urbanczyk, W., Kurzynowski, P., Wozniak, W.A., Bock, W.J. Performance analysis for temperature-compensated white-light interferometric fiber sensors 58809
Urbanczyk, W. *see* Bock, W.J. 7377
Urbanczyk, W. *see* Bock, W.J. 48589
Urbani, F., Vegni, L., Toscano, A. A generalized Smith chart for an exponential tapered nonuniform transmission line 34123
Urbani, F. *see* Vegni, L. 45280
Urbani, F. *see* Vegni, L. 45408
Urbanik, M. *see* Christen, H.-M. 52682
Urbano, A. *see* Babiloni, F. 59640
Urbano, A. *see* Babiloni, F. 59707
Urbano, A. *see* De Morais, E. 7532
Urbanovich, A.I. *see* Afanas'ev, A.A. 33615
Urbanovich, A.I. *see* Apanasevich, P.A. 14392
Urbansky, N., Burmeister, D., Wenzel, C., Melzer, K. Copper metallized test structure 42730
Urbansky, N. *see* Wenzel, C. 22087
Urbansky, N. *see* Wenzel, C. 42723
Urbansky, R., Sturm, W. A novel slave-clock implementation approach for telecommunications network synchronisation 35427
Urbassek, H.M. *see* Krimke, R. 7766
Urbaszek, A. *see* Weiss, I. 59570
Urbaszek, A. *see* Wetzig, T. 28361
Urbina, A.M. *see* de la Barra, M.B. 20529
Urbina, G.Oritz de *see* Oritz de Urbina, G.
Urchulutegui, M. Scanning electron-acoustic microscopy: do you know its capabilities? 31025
Urciuoli, G. *see* Perrino, R. 37264
Ureel, J., De Zutter, D., Laermans, E. Calculation of shape sensitivities and optimization of planar microstrip antennas using a full-wave analysis method 34253
Uren, M.J. *see* Redman-White, W. 13144
Uren, M.J. *see* Tenbroek, B.M. 12920
Uren, M.J. *see* Tenbroek, B.M. 13119
Uren, M.J. *see* Tenbroek, B.M. 13150
Urena, J. *see* Villadangos, J.M. 21681
Urena, P.Y. *see* Licciardi, L. 6399
Uretskii, Ya.S., Bashirov, Z.A. Improved monitoring of a spectrum of complex mechanical vibrations 17806
Uretskii, Ya.S. *see* Bashirov, Z.A. 17807
Urey, H., Rhodes, W.T. Optoelectronic image processor for Gabor-filter based machine vision applications 34999
Urey, H., Rhodes, W.T., DeWeerth, S.P., Drabik, T.J. Optoelectronic image processor for multiresolution Gabor filtering 23717
Urgiles, E. *see* Schulz, D.L. 30859
Urhan, T. *see* Amsaleg, L. 26103
Uriarte, J.-M. *see* Jenny, B. 49078
Uribe, R. *see* Graham, A. 44098
Uribe, R. *see* Rybicki, G. 39228
Uribe, R.M. *see* Yamaguchi, M. 37975
Urie, A. On the application of TDMA in UMTS 35950
Urieh, S., Porat, M., Cohen, N. Optimal representation of images by localized phase 25449
Urieli, S., Porat, M., Cohen, N. Image characteristics and representation by phase: from symmetric to geometric structure 56966
Urisu, T. *see* Imaizumi, Y. 30892
Urisu, T. *see* Yoshigoe, A. 42441
Uritani, A., Clinthorne, N.H., Gormley, J.E., LeBlanc, J.W., Rogers, W.L., Wehe, D.K., Wilderman, S.J. An electronically-collimated gamma camera with a parallel plate collimator for Tc-99m imaging 59365
Uritani, A. *see* Sakai, H. 49332
Uritani, A. *see* Toyokawa, H. 37522
Uritani, A. *see* Zhong He 37333
Uritskaya, I.A. *see* Khanin, S.D. 58979
Uritsky, V.Ya. *see* Khanin, S.D. 58979
Uritsky, Y. *see* Brundle, C.R. 43178
Uriu, Y. *see* Awataguchi, H. 19685
Uriu, Y. *see* Koyanagi, F. 20184
Uriu, Y. *see* Koyanagi, F. 39318
Urjadov, V.N. *see* Alishev, J.V. 58301
Urman, Yu.M. Theory for the calculation of the force characteristics of an electromagnetic suspension of a superconducting body 55143
Urman, Yu.M. Calculation of the force characteristics of a multi-coil suspension of a superconducting sphere 55144
Urnes, J.M., Sr., Gushing, J., Bond, B., Nunes, S. On-board fault diagnostics for fly-by-light flight control systems using neural network flight processors 59909
Urnes, J.M., Sr., Lerman, E.B., Streeter, B.G. Cost efficient integrated tests of fly-by-light flight control systems 59908
Ursaki, V.V., Tiginyanu, I.M., Ichizli, V.M., Terletsky, A.I., Pyshnaya, N.B., Radautsan, S.I. Zn^+/P^+ and Zn^+/As^+ co-implantation in InP single crystals 42418
Ursaki, V.V. *see* Anedda, A. 42013
Uruga, T. *see* Kohmura, Y. 37066
Urushibara, S. *see* Kamiyama, H. 41250
Urushibata, H., Fujita, Y., Nishimura, T., Yoshioka, S. Determination of electrolyte loss rate and evaluation of the life for molten carbonate fuel cell 61077
Urushibata, H. *see* Mitsuda, K. 9676
Urushibata, H. *see* Yoshioka, S. 61060
Urushibata, H. *see* Yoshioka, S. 61071
Urushibata, H. *see* Yoshioka, S. 61073
Urushidani, T. *see* Ueno, K. 2571
Urutskoev, L.I. *see* Volkovich, A.G. 18152
Uryasev, S.P., Samanta, P.K. Failure-dependent test, repair, and shutdown strategies: reducing the impact of common-cause failures 9040
Usachev, A.P. *see* Belikov, S.V. 28029
Usachev, P.A. *see* Trifonov, A.S. 17851
Usagawa, T. *see* Vacek, K. 31983
Usai, M. *see* Fanni, A. 44889
Usak, E. *see* Slama, J. 3232
Usak, E. *see* Slama, J. 23305
Usaka, T., Sakamura, K. A design and evaluation of the multi-user virtual environment server system for the Digital Museum 26399
Usami, A. *see* Ichimura, M. 44201
Usami, A. *see* Makino, T. 42080
Usami, A. *see* Tokuda, Y. 12682
Usami, K., Horio, K. 2-D simulation of kink-related sidegating effects in GaAs MESFETs 22875
Usami, K., Horowitz, M. Clustered voltage scaling technique for low-power design 22984
Usami, K., Ishikawa, T., Kanazawa, M., Kotani, H. Low-power design technique for ASICs by partially reducing supply voltage 11253
Usami, K. *see* Tamura, Y. 7084
Usami, N. *see* Bera, L.K. 22549
Usami, N. *see* Bera, L.K. 22557
Usami, N. *see* Shiraki, Y. 2163
Usami, T. *see* Ikegami, K. 7792
Usami, T. *see* Mikagi, K. 42667
Usami, Y. *see* Unuma, M. 50682
Usanov, D.A., Venig, S.B., Gorbatov, S.S., Semenov, A.A. Modulation of output signal from a Gunn diode microwave oscillator under the influence of an external microwave signal 1708
Usateggui, J.M.Angulo *see* Angulo Usateggui, J.M.
Uschak, M.J. *see* Denes, L.J. 55341
Uschitsky, M., Suhir, E., Kher, S., Bubel, G. Epoxy bonded optical fibers: the effect of voids on stress concentration in the epoxy material 16520
Uschold, G. *see* Fang-Fang Yin 28159
Usedom, P. *see* Ensinger, W. 10886
Usha, P., Shrivastava, P., Tuckley, K.R. Corrugated horn design for industrial applications 4367
Ushakov, A.G. *see* Barinov, N.U. 29386
Ushakov, A.G. *see* Dolgachev, G.I. 19899
Ushakov, N.G. *see* Dremova, N.N. 18122
Ushakov, P.A. *see* Zhukov, A.V. 29037
Ushakov, V.N. *see* Khomich, A.A. 3503
Ushakov, V.N. *see* Sergienko, A.B. 5464
Ushakov, V.N. *see* Sergienko, A.B. 25272
Ushakov, V.V. *see* Buchin, E.Yu. 31743
Ushakumari, P.V. *see* Krishnamoorthy, A. 404
Ushaw, G. *see* Banbrook, M. 56579
Usher, A. *see* Ponomarev, Y.V. 22390
Usher, M., Ranganathan, R. Study of the localization lengths in non-periodic $GaAs/Al_{0.3}Ga_{0.7}As$ superlattices 2153
Usher, M.J. *see* Irvine, J.J. 17553
Usher, T. *see* Abe, K. 59233
Usher, T. *see* Decker, F.-J. 37121
Usherwood, T.W., Smith, G.D.W., Mackenzie, R.A.D. A computer modelling approach to predicting the long term thermal stability of Co-Pd magnetic multilayers 32829
Ushich, V.G. *see* Bochkov, V.D. 24377
Ushida, A., Jiang, L., Nishio, Y. Characteristic curve of nonlinear resistive circuits 53006
Ushida, A., Tanji, Y., Nishio, Y. Analysis of nonlinear traveling waves by frequency-domain perturbation method 4305
Ushida, A., Tanji, Y., Nishio, Y. Analysis of nonlinear transmission lines by frequency domain perturbation method 52999
Ushida, A. *see* Kawata, J. 1107
Ushida, A. *see* Kishida, J. 4957
Ushida, A. *see* Nishio, Y. 1106
Ushida, A. *see* Rekeczky, C. 35106
Ushida, A. *see* Setou, Y. 1166
Ushida, A. *see* Sugimoto, T. 1094
Ushida, A. *see* Wada, M. 1115
Ushida, M. *see* Seki, I. 53387
Ushijima, I. *see* Takami, K. 26652
Ushijima, S., Noritake, K., Kondo, T., Tanikawa, M. Portable IP service over closed user group by ATM-based connectionless service 25954
Ushiki, K. *see* Hibino, T. 38958
Ushiki, K. *see* Hibino, T. 58879
Ushiki, M. *see* Seguchi, T. 58089
Ushiki, T., Hirano, Y., Shimada, H., Ohmi, T. High-performance, metal-gate SOI CMOS fabricated by ultraclean, low-temperature process technologies 54791
Ushikil, T., Mo Chiun Yu, Hirano, Y., Shimada, H., Morita, M., Ohmi, T. Reliable tantalum gate fully-depleted-SOI MOSFETs with 0.15 μm gate length by low-temperature processing below 500°C 43100
Ushiku, Y. *see* Yagishita, A. 54424
Ushiku, Y. *see* Yoshimi, M. 32410
Ushikubo, M., Yokoyama, S., Ito, Y., Matsunaga, H., Atuki, T., Yonezawa, T., Ogi, K. Low temperature growth of sol-gel $SrBi_2Ta_2O_9$ thin films by low pressure annealing 52750
Ushikubo, M. *see* Ito, Y. 2908
Ushikubo, M. *see* Ito, Y. 52748
Ushikubo, T. *see* Mineo, N. 16796
Ushio, T., Innami, T., Kodama, S. Chaos shift keying based on in-phase and anti-phase chaotic synchronization 4424
Ushio, T. *see* Chuan Lian Koh 56259
Ushio, T. *see* Komori, T. 24785
Ushio, T. *see* Oketani, N. 46669
Ushio, T. *see* Shibata, H. 40755
Ushio, Y. *see* Momma, T. 11771
Ushioda, J., Seki, Y., Maeda, K., Ohfuji, T., Tanabe, H. Chromium fluoride attenuated phase-shifting mask for argon fluoride excimer laser lithography 32252
Ushioda, J. *see* Tanabe, H. 2478
Ushioda, S. *see* Takebayashi, M. 14363
Ushiroda, S. *see* Kajita, S. 32750
Ushirozawa, S., Baba, Y., Matsui, M., Itagaki, H. Network security technology 57939
Ushiruzawa, S. *see* Yukoyama, Y. 16354
Ushkov, P.A. Thermohydraulic investigations of liquid-metal reactors 38511
Ushrozawi, M., Sakai, T. A method for evaluating thick-film resistor pastes for DC plasma display panel 17705
Ushuima, S. *see* Noritake, K. 26247
Usievich, B.A. *see* Loktev, S.M. 33061
Usievich, B.A. *see* Sychugov, V.A. 13676
Usikov, A.S. *see* Lundin, W.V. 52640
Usimaki, A. *see* Porjesz, T. 23393
Uskokovic, Z. *see* Stankovic, L. 34928
Uskokovic, Z. *see* Stankovic, S. 45846
Uskova, E.A. *see* Aleshkin, V.Ya. 2192
Uskova, E.A. *see* Avrutskii, I.A. 44545
Uslenghi, E. *see* Steffenino, G. 8185
Uslenghi, P.L.E. Exact solution for a penetrable wedge structure 24441
Uslenghi, P.L.E. TE-TM decoupling for guided propagation in bianisotropic media 34137
Uslenghi, P.L.E. *see* Graglia, R.D. 34151
Usman, M. *see* Hero, A.O. 45759
Usmanov, N.N., Ilyicheva, E.N., Shishkov, A.G. A study of domain wall motion in iron-garnet films with (210) orientation 13428
Usmanov, T. *see* Ganeev, R.A. 4006
Usmanov, T. *see* Ganeev, R.A. 4007
Usmanov, T. *see* Ganeev, R.A. 14041
Usmanov, T. *see* Ganeev, R.A. 23828
Usov, I.O. *see* Suvorov, A.V. 12664
Usov, Yu.A. *see* Ball, J. 18071
Usov, Yu.V. *see* Achasov, M.N. 37251
Usov, Yu.V. *see* Anashin, V.V. 36549
Usov, Yu.V. *see* Aulchenko, V.M. 37247
Usov, Yu.V. *see* Bukin, D.A. 37489
Uspuras, E., Kaliatka, A. RELAP-based safety analysis of the Ignalina NPP 38482
Ussery, C., McKinley, K., Lang, K., Komp, E., Larue, W. HDL and integrating system-level simulation technologies 53462
Usta, K.Al *see* Al Usta, K.
Ustandag, A., Zahn, M. Optical tomography of Kerr electro-optic measurements with axisymmetric electric field 13260
Ustavschikov, A.Yu. *see* Kosarev, A.I. 30918
Ustimenko, A.P. Algebra of two-level cause-effect structures 378
Ustin, S. *see* Norris, P.E. 10797
Ustin, S.A., Lauhon, L., Brown, K.A., Hu, D.Q., Ho, W. Single crystal wurtzitic aluminum nitride grown on silicon using supersonic gas jets 10800
Ustinov, A.A. *see* Batenkov, A.A. 34584
Ustinov, A.V., Thyssen, N. Experimental study of fluxon dynamics in a potential well 43801
Ustinov, A.V. *see* Anders, V.I. 11164
Ustinov, A.V. *see* Caputo, P. 32905
Ustinov, A.V. *see* Caputo, P. 43812
Ustinov, A.V. *see* Goldobin, E. 43820
Ustinov, A.V. *see* Golubov, A.A. 23404
Ustinov, A.V. *see* Lachenmann, S.G. 23419
Ustinov, A.V. *see* Neurohr, K. 22448
Ustinov, A.V. *see* Shitov, S.V. 3286
Ustinov, A.V. *see* Thyssen, N. 43802
Ustinov, A.V. *see* Vernika, I.V. 32906
Ustinov, A.V. *see* Wallraff, A. 3285
Ustinov, V. *see* Schomburg, E. 53616

Ustinov, V. *see* Winnerl, S. 42106
Ustinov, V.M. *see* Darhuber, A.A. 40304
Ustinov, V.M. *see* Kop'ev, P.S. 23931
Ustinov, V.M. *see* Ledentsov, N.N. 2177
Ustinov, V.M. *see* Ledentsov, N.N. 24005
Ustinov, V.M. *see* Ruvimov, S. 22418
Ustinov, V.M. *see* Shernyakov, Yu.M. 55653
Ustinov, V.M. *see* Tsatsul'nikov, A.F. 12328
Ustinov, V.M. *see* Tsatsul'nikov, A.F. 12383
Ustinov, V.M. *see* Wang, P.D. 12490
Ustinov, V.M. *see* Zaitsev, S.V. 44520
Ustinov, V.M. *see* Zhukov, A.E. 41934
Ustinov, V.M. *see* Zhukov, A.E. 44487
Ustinov, V.N. *see* Guasch, C. 44217
Ustinov, V.V., Bebenin, N.G., Romashev, L.N., Minin, V.I., Milyaev, M.A., Del, A.R., Semerikov, A.V. Magnetoresistance and magnetization of Fe/Cr(001) superlattices with noncollinear magnetic ordering 23350
Ustinovo, A.V. *see* Uhlisch, D. 23398
Ustundag, A., Gung, T.J., Zahn, M. Kerr electro-optic measurement technique for determination of nonuniform electric fields 27813
Ustundag, A. *see* Gung, T.J. 32706
Ustundag, A. *see* Wolf, K. 13340
Ustuner, K. *see* Frey, U. 43822
Usuba, S. *see* Fat'yanov, O.V. 33893
Usuda, S. *see* Maeda, A. 14723
Usuda, T., Umeda, A. An electrostatically driven torsional resonator with two degrees of freedom. I. The principle and the characteristics of motion 4204
Usui, A. *see* Kimura, A. 10724
Usui, A. *see* Sunakawa, H. 30734
Usui, H. *see* Izumi, T. 60595
Usui, H. *see* Matsumoto, H. 58256
Usui, H. *see* Nishimata, T. 27786
Usui, M., Hikita, M., Watanabe, T., Amano, M., Sugawara, S., Hayashida, S., Imamura, S. Deuterated polysiloxane optical waveguides with low loss and high environmental stability 13644
Usui, M., Niki, H., Kotakemori, H., Kohno, T. A convergence theorem of the Gauss-Seidel method with (I+βU) type preconditioner 21135
Usui, M. *see* Bayly, P.V. 59733
Usui, M. *see* Chattipakorn, N. 59732
Usui, M. *see* Matsuda, T. 50489
Usui, M. *see* Rogers, J.M. 49683
Usui, N. *see* Katayama, H. 27180
Usui, N. *see* Kato, M. 5853
Usui, N. *see* Okura, H. 35044
Usui, S. *see* Ishigure, Y. 17608
Usui, S. *see* Kohama, T. 48761
Usui, S. *see* Takebe, K. 57205
Usui, S. *see* Tanaka, K. 57942
Usui, S. *see* Yokota, Y. 25296
Usui, Y. *see* Badics, Z. 40720
Usuki, A. *see* Hasegawa, N. 23592
Usuki, K. *see* Harada, R. 47459
Usuki, T. *see* Kobayashi, Y. 13387
Ut-Va Koc, Liu, K.J.R. DCT-based subpixel motion estimation 25370
Utagawa, T. *see* Fuke, H. 13498
Utagawa, T. *see* Fuke, H. 13505
Utagawa, T. *see* Saitoh, K. 31172
Utakouji, T. *see* Shima, A. 44499
Utakouji, T. *see* Shima, A. 55635
Utakouji, T. *see* Yamada, S. 23458
Utes, M. *see* Angstadt, R. 59309
Uteshev, Z.M. *see* Dmitrenko, V.V. 59282
Uteza, O. *see* Bollanti, S. 3704
Uteza, O. *see* Bollanti, S. 13937
Uteza, O. *see* Tassy, I. 13941
Uthanna, S. *see* Paul Ramesh, P. 54143
Utkin, L.A., Karpushko, F.V., Malevich, V.L., Sinitsyn, G.V. Absorption and refractive nonlinearity in heavily doped A^3B^5 semiconductors below the fundamental absorption edge 14350
Utkin, L.V., Gurov, S.V., Shubinsky, I.B. Reliability of systems by mixture forms of uncertainty 39941
Utkin, L.V. *see* Gurov, S.V. 39942
Utkin, V. *see* Drakunov, S. 9690
Utkin, V.A. *see* Dodds, S.J. 20122
Utku, M. Universal serendipity elements with unequally spaced edge nodes 10569
Utlaut, M. *see* Orloff, J. 24365
Uto, Y. *see* Kondo, K. 84
Utrobin, V.A. *see* Kondrat'ev, V.V. 46286
Utsugi, K., Iketsu, Y. Organic thin film electroluminescent diode 36810
Utsumi, H., Kamatani, R., Okutani, N., Ishii, Y. New assembly system by reuse carrier taping 53843
Utsumi, K. *see* Hazeyama, I. 10944
Utsumi, K. *see* Sasai, H. 16756
Utsumi, K. *see* Soejima, K. 10137
Utsunomiya, J. *see* Ohnuki, Y. 13062
Utsunomiya, K. *see* Nakagawa, M. 17588
Utsunomiya, K. *see* Tsuruya, H. 10026
Utsunomiya, M., Hashimoto, M., Kajitani, H. Development of a magnetic head suspension system for high-speed seeking performance 13447
Utsunomiya, T. Digital optical deflector using $(Pb,La)(Zr,Ti)O_3$ ceramics 3462
Utsunomiya, T. *see* Kuno, T. 52497
Utsuro, H. *see* Ando, T. 54009
Uttamchandani, D. *see* Gupta, G.C. 36185
Uttamchandani, D. *see* Ilev, I.K. 58796
Uttamchandani, D. *see* Wallace, C.G. 16787
Uttaro, R. *see* Grenville, A. 32270
Uttaro, R. *see* Rorhschild, M. 22735
Utting, I.A. *see* Rizzo, M. 57751
Uttrich, R. *see* Brenner, A. 60546
Utzmeier, T., Postigo, P.A., Tamayo, J., Garcia, R., Briones, F. Transition from self-organized InSb quantum-dots to quantum dashes 733
Utzmeier, T. *see* Ferrer, J.C. 728
Uuemaa, O. *see* Nikolaev, G. 33621
Uusimaa, P. *see* Lammasniemi, J. 38984
Uusimaeki, A. *see* Wang, F. 52755
Uusimaki, A. *see* Lozinski, A. 30973
Uusimaki, A.K. *see* Leppavuori, S.I. 27542
Uusitalo, A.J. *see* Koobi, T. 59606
Uusitalo, M.A., Ilmoniemi, R.J. Signal-space projection method for separating MEG or EEG into components 49570
Uvaisov, S.U. *see* Kofanov, Yu.F. 27414
Uvarova, S.V. *see* Pulkin, S.A. 24114
Uwai, K., Kobayashi, N. Surface dielectric change of GaAs determined from surface photo-absorption spectra 12259
Uwai, K. *see* Kobayashi, N. 40351
Uwamino, Y. *see* Takada, M. 7801
Uwano, T. *see* Ogawa, K. 24553
Uwatoko, Y. *see* Ohyama, H. 22761
Uwatoko, Y. *see* Ohyama, H. 42920
Uyematsu, T., Iwata, K., Okamoto, E. An efficient algorithm for enumerative coding 45624
Uyematsu, T., Okamoto, E. A construction of codes with exponential error bounds on arbitrary discrete memoryless channels 56325
Uyematsu, T. *see* Iwata, K. 14837
Uygur, M. Laser sizing of fine particulates 36916
Uysal, M., Acharya, A., Bennett, R., Saltz, J. A customizable simulator for workstation networks 47217
Uysal, S. Coplanar waveguide edge-coupled bandpass filters with finite ground planes 41393
Uysal, S. Microstrip loop directional filter 41413
Uyttenhove, J. *see* Everaert, J.L. 2229
uz Zaman, M.Arif *see* Arif uz Zaman, M.
Uzal, E. *see* Mur, F. 9352
Uzan, B. *see* Koltun, M. 39046
Uzan-Saguy, C. *see* Kalish, R. 41815
Uzawa, Y. *see* Zhen Wang 23401
Uzgoren, G. *see* Buyukaksoy, A. 56023
Uzgoren, K. *see* Sapmaz, S. 45085
Uziie, M. *see* Saeki, T. 1385
Uzoh, C. *see* Burghartz, J.N. 41518
Uzsoy, R. *see* Chen, S. 30770
Uzsoy, R. *see* Kayton, D. 30154
Uzsoy, R. *see* Nemoto, K. 32490
Uzsoy, R. *see* Ovacik, I.M. 52176
Uzsoy, R. *see* Schmeiser, B.W. *(editor)* 30018
Uztmeier, T. *see* Ferrer, J.C. 10752
Uzuka, T., Hase, S.-I., Mochinaga, Y., Takeda, M., Miyashita, T., Ueda, T. A static voltage fluctuation compensator for AC electric railway using self-commutated inverters 29746
Uzunalioglu, H. *see* Akyildiz, I.F. 5924
Uzunoglu, N. *see* Aggelopoulos, E.G. 36502
Uzunoglu, N. *see* Ventouras, E. 59713
Uzunoglu, N.K. *see* Baghdasaryan, H.V. 33675
Uzunoglu, N.K. *see* Karatheodorou, K.A. 56124
Uzunoglu, N.K. *see* Polychronopoulos, S.J. 55245
Uzunoglu, N.K. *see* Stratakos, G.E. 45448
Uzunov, I.M. *see* Dimitrov, V.S. 14321
Uzunov, I.M. *see* Malomed, B.A. 55221
Uzunovic, E. *see* Reeve, J. 38325
Uzuyama, K. *see* Ozaki, T. 18332

v. Bochmann, G., Kerherve, B., Hafid, A., Dini, P., Pons, A. Architectural design of adaptive distributed multimedia systems 6398
v. Bochmann, G. *see* Tao, Z.P. 46789
v. Klitzing, K. *see* Haug, R.J. 13040
v. Klitzing, K. *see* Tornow, M. 22414
v. Overloop, P.J. *see* Winterling, M.W. 51796
Vaa, M. *see* Mikkelsen, B. 26895
Vaahedi, E., Mansour, Y., Chang, A.Y., Corns, B.R., Tse, E.K. Enhanced "Second Kick" methods for on-line dynamic security assessment 19039
Vaahedi, E. *see* Mansour, Y. 60313
Vaal, G. *see* Franke, E. 8628
Vaals, J.J.van *see* van Vaals, J.J.
Vaart, N.C.van der *see* van der Vaart, N.C.
Vacavant, L. *see* Mouthuy, T. 59241
Vacca, A. *see* Kalk, F. 22686
Vacca, J.M. *see* Hartmann, J.M. 21245
Vaccaro, F.J., Rhoades, J., Le, B. VRLA battery temperature concerns other than just thermal runway. I. Practical considerations 51463
Vaccaro, J.R. *see* Lynch, T.J. 27821
Vaccaro, K. *see* Davis, A. 22607
Vaccaro, K. *see* Wohlmuth, W.A. 58751
Vaccaro, P.H. *see* Muller, T. 24152
Vaccaro, P.O. *see* Takahashi, N. 30742
Vaccaro, R.J. *see* Harrison, B.F. 16990
Vaccaro, R.J. *see* Harrison, B.F. 45880
Vaccaro, R.J. *see* MacInnes, C.S. 25126
Vaccaro, R.J. *see* Yinong Ding 25118
Vaccaro, U. *see* Blundo, C. 45545
Vaccaro, V. *see* Cappelletto, E. 29726
Vacchi, A. *see* Arfelli, F. 37666
Vacchi, A. *see* Arfelli, F. 49329
Vacchi, A. *see* Arfelli, F. 59555
Vacchione, J., Burke, K., Huang, J., Otoshi, T., Smith, H. A novel waveguide antenna system for the Mars pathfinder spacecraft/lander 34326
Vacek, K., Usagawa, T. Robust quantum levels in n-$Al_xGa_{1-x}As$/u-GaAs/u-$Al_xGa_{1-x}As$ modulation-doped corrugated double heterojunctions 31983
Vachev, V.D., Nojima, K., Frederick, J.H. Optical switching through photoisomerization: basics of the mechanism in rhodopsin and stilbene 55837
Vachiery, V. Development of air traffic management (ATM) in Europe 38029
Vachon, L. *see* Jacquet, P. 36872
Vachon, P.W., Geudtner, D., Gray, L., Mattar, K., Brugman, M., Cumming, I., Valero, J.-L. Airborne and spaceborne SAR interferometry: application to the Athabasca Glacier area 18895
Vachon, P.W. *see* Kerbaol, V. 38092
Vachon, P.W. *see* Livingstone, C.E. 8533
Vachon, P.W. *see* Touzi, R. 16872
Vacik, J. *see* Hradilova, J. 3430
Vackova, S. *see* Gurevich, Yu.G. 31844
Vaclav, E. *see* Shier, W. 30074
Vaclavik, J. *see* Hofling, R. 10992
Vacroux, A. *see* Seireg, R. 53207
Vadari, S.V., Hammerly, J.D. New faces and functions in a competitive market 28781
Vadasz, D. *see* Vauhkonen, M. 59607
Vaderwalle, J. *see* Yi Yu 1105
Vadgama, A., Trybula, W. Activity based enterprise analysis through modeling 30156
Vadgama, P. *see* Rigby, G.P. 27707
Vadher, V.V., Smith, I.R., Kettleborough, J.G. Induction heating of cylindrical and tubular ferromagnetic loads using travelling waves 61330
Vadher, V.V. *see* Antunes, F.L.M. 19760
Vadher, V.V. *see* Smith, I.R. 60187
Vadillo, F. On spurious fixed points of Runge-Kutta methods 52558
Vadon, H. *see* Massonnet, D. 60099
Vadstrup, P. *see* Borsting, H. 51000
Vadstrup, P. *see* Borsting, H. 51007
Vadus, J.R. *see* Abel, R.B. 50182
Vaerenbergh, P.van *see* van Vaerenbergh, P.
Vaerman, V. *see* Matavelli, M. 25420
Vaerman, V. *see* Reusens, E. 35192
Vaezi-Nejad, S.M. Instrumentation aspects and application of charge transport measurement techniques 7223
Vafaeesefat, A. *see* Mayer, J.R.R. 58998
Vafaie, H. *see* Bala, J. 5631
Vafiadi, A.V. Analytical models of scanning thermal-vision devices 48643
Vafiadi, A.V. Geometrical noise in thermal-vision devices 58826
Vafiadi, A.V., Natsin, V.A., Shabashev, O.K. Experimental study of the effect of geometrical noise on the main characteristics of a thermal-vision device 58825
Vafiadis, E. *see* Krikelas, G. 28459
Vafiadis, E. *see* Zaharis, Z. 26584
Vaganay, J., Jouvencel, B. Motion estimation for ROV stabilization with a light-stripe sensor 46278
Vagati, A., Pastorelli, M., Franceschini, G. High performance control of synchronous reluctance motor 29269
Vagati, A. *see* Fratta, A. 9590
Vagges, K. *see* Cosi, P. 4608
Vagidov, N.Z., Gribnikov, Z.S., Korshak, A.N. Oscillations of a ballistic hole current through uniaxially compressed semiconductor layers 42143
Vagidov, N.Z. *see* Gribnikov, Z.S. 2574
Vagish, Z. *see* Lyubin, V. 2076
Vagizov, F.G. *see* Sinyavskii, V.I. 21544
Vagliasindi, U. *see* Cali, A. 8879
Vagner, P., Mosko, M. Impurity-scattering limited electron mobility in free standing quantum wires: image charge effect 12440
Vagner, P., Mosko, M. Electron-impurity scattering in free-standing quantum wires: effect of dielectric confinement 42153
Vagners, J. *see* Kee-Sang Lee 30374
Vahala, K.J. *see* Geraghty, D.F. 44696
Vahala, K.J. *see* Hunziker, G. 14152
Vahala, K.J. *see* Paiella, R. 14179
Vahala, K.J. *see* Paiella, R. 33682
Vahedi, V. *see* Tsai, W. 2334
Vahey, M. *see* Scanlan, L. 48128
Vahid, F., Thuy Dm Le, Yu-Chin Hsu A comparison of functional and structural partitioning 1087
Vahimaa, P., Turunen, J. Bragg diffraction of spatially partially coherent fields 24492
Vahimaa, P. *see* Kettunen, V. 57134
Vahldieck, R. *see* Amari, S. 14687
Vahldieck, R. *see* Amari, S. 14691
Vahldieck, R. *see* Amari, S. 34153
Vahldieck, R. *see* Amari, S. 56107
Vahldieck, R. *see* Shuoqi Chen 21863
Vahldieck, R. *see* Shuoqi Chen 31466
Vahldieck, R. *see* Amari, S. 24522
Vaicekauskas, R. *see* Buzelis, R. 3770
Vaicikauskas, V., Antanavicius, R., Januskevicius, R. ATR output mirror for FIR laser 55759
Vaiciunas, A. *see* Lukosevicius, A. 49423

Vaidhyanathan, R., Venkatasubramanian, V. A semi-quantitative reasoning methodology for filtering and ranking HAZOP results in HAZOPExpert 137
Vaidman, L. *see* Peres, A. 4450
Vaidya, H.M. *see* Liu, C.T. 2641
Vaidya, H.M. *see* Rafferty, C.S. 42410
Vaidya, M., Stefanakos, E.K., Krakow, B., Lamb, H.C., Arbogast, T., Smith, T. Direct DC-DC electric vehicle charging with a grid connected photovoltaic system 51115
Vaidya, N. *see* Turnbull, K.F. 58512
Vaidya, N.H. *see* Bakshi, B.S. 58148
Vaidya, S.N. *see* Agarwal, A. 2080
Vaidya, S.N. *see* Agarwal, M.K. 31897
Vaidyanathan, C., Buckley, K.M. A sampling theorem for EEG electrode configuration 18470
Vaidyanathan, C., Buckley, K.M. On multiple-parameter source localization 28366
Vaidyanathan, C., Buckley, K.M., Hosur, S. A blind adaptive antenna array for CDMA systems 16526
Vaidyanathan, H., Robbins, K., Rao, G.M. Effect of KOH concentration and anions on the performance of an Ni-H_2 battery positive plate 29564
Vaidyanathan, H. *see* Rao, G. 18720
Vaidyanathan, H. *see* Rao, G. 61007
Vaidyanathan, M., Clarke, L.P., Heidtman, C., Velthuizen, R.P., Hall, L.O. Normal brain volume measurements using multispectral MRI segmentation 59495
Vaidyanathan, M., Pulfrey, D.L. Effects of quasi-ballistic base transport on the high-frequency characteristics of bipolar transistors 41455
Vaidyanathan, P.P. Filter banks with maximum coding gain and energy compaction 4789
Vaidyanathan, P.P. Theory of optimal orthonormal filter banks 15299
Vaidyanathan, P.P. Properties of optimal, compaction filters in subband coding 45616
Vaidyanathan, P.P., Tuqan, J., Kirac, A. On the minimum phase property of prediction-error polynomials 56533
Vaidyanathan, P.P. *see* Djbkovic, I. 45741
Vaidyanathan, P.P. *see* Kirac, A. 15180
Vaidyanathan, P.P. *see* Kirac, A. 15977
Vaidyanathan, P.P. *see* Lin, Y.-P. 45903
Vaidyanathan, P.P. *see* See-May Phoong 4701
Vaidyanathan, P.P. *see* See-May Phoong 4791
Vaidyanathan, P.P. *see* See-May Phoong 15309
Vaidyanathan, P.P. *see* See-May Phoong 15333
Vaidyanathan, P.P. *see* Tuqan, J. 4706
Vaidyanathan, P.P. *see* Yuan-Pei Lin 4635
Vaidyanathan, P.P. *see* Yuan-Pei Lin 4636
Vaidyanathan, P.P. *see* Yuan-Pei Lin 15177
Vaidyanathan, P.P. *see* Yuan-Pei Lin 15387
Vaidyanathan, S., Thomas, S. Transfer antenna for ASLV D3 flight 4359
Vaidyanathan, S. *see* Colace, L. 2164
Vaidyanathan, S. *see* Raj, B. 52902
Vaiero, J.M. *see* Alava, J.I. 371
Vail, E.C., Li, G.S., Yuen, W., Chang-Hasnain, C.J. Novel self-chirped VCSEL with a micromechanical resonator 55650
Vail, E.C. *see* Chang-Hasnain, C.J. 44451
Vail, E.C. *see* Wu, M.S. 44175
Vailati, P. *see* Barra, S. 35638
Vailati, P. *see* Barra, S. 47236
Vaile, R.A. *see* Staveley-Smith, L. 36300
Vaillancourt, G.H. *see* Gulski, E. 38783
Vaillancourt, G.H. *see* Meunier, R. 29371
Vaillancourt, G.H. *see* Su, Q. 9314
Vaillancourt, R., Derun, E.N., Kolyshkin, A.A. Analysis of the interaction between the phase-shifted fields of two coils carrying currents and a conducting medium 52880
Vaillancourt, R. *see* Kolyshkin, A.A. 4196
Vaillant, M. *see* Davatzikos, C. 18390
Vaille, M. *see* Beaumont, B. 40364
Vaille, M. *see* Teisseyre, H. 40442
Vaiman, I.M. *see* Vaiman, M.Y. 28816
Vaiman, M.Y., Vaiman, I.M. Preventive actions for power system stability preservation 28816
Vainio, O., Lerner, A., Ovaska, S.J. Ramp-tracking anti-aliasing and anti-imaging filter for control instrumentation 1555
Vainio, O., Ovaska, S.J. Multistage adaptive filters for in-phase processing of line-frequency signals 45885
Vainio, O. *see* Akopian, D.A. 31393
Vainoras, A. *see* Bauer, J.U. 49603
Vainoras, A. *see* Korsakas, S. 49662
Vainos, N.A., Mailis, S., Pissadakis, S., Boutsikaris, L., Parmiter, P.J.M., Dainty, P., Hall, T.J. Excimer laser use for microetching computer-generated holographic structures 14434
Vainos, N.A. *see* Mailis, S. 24301
Vainshtein, A. *see* Schwarz, C. 46267
Vairac, P., Cretin, B. New structures for heterodyne interferometric probes using double-pass 3502
Vairac, P., Cretin, B. New heterodyne interferometers using double passing 17820
Vais, A.A. *see* Kenzin, V.I. 17777
Vaisburd, D., Tverdokhlebov, S., Tukhfatulin, T. High-power critical electron emission from dielectric induced by high-current-density electron beam injection and its transition to vacuum breakdown 23204
Vaisey, J. *see* Hargreaves, D. 57188
Vaish, M. A high precision quartz oscillator with performance comparable to rubidium oscillators in many respects 13364
Vaishampayan, V.A. Near-lossless transform and wavelet compression or transient DPCM 57299
Vaishampayan, V.A. *see* Batllo, J.-C. 34603
Vaishampayan, V.A. *see* Domaszewicz, J. 56744
Vaishnav, C., Nieberger, M., Jayasumana, A.P., Sauer, J. Design and performance of a robust WDM network 47995
Vaishnav, C. *see* Abd-Elmalak, S.A. 58282
Vaishnav, C. *see* El-Bawab, T.S. 5842
Vaisman, G. *see* Backmutsky, V. 38442
Vaissiere, J.C. *see* Nougier, J.P. 12853
Vaiswanathan, V.V. *see* Vutetkis, D.G. 60994
Vaitekunas, D.A., Alexan, K., Lawrence, O.E., Reid, F. SHIPTR/NTCS: a naval ship infrared signature countermeasure and threat engagement simulator 38166
Vaitkus, J. *see* Gaubas, E. 41858
Vaivars, G. *see* Kleperis, J. 9499
Vaja, D. Renewable energy development–the Gujarat experience 60476
Vajda, F. Implementation issues of the Hough Transform 39982
Vajda, F., Della Torre, E.D. Relationship between model parameters and recording industry parameters 43702
Vajda, F. *see* Della Torre, E. 43695
Vajda, I. *see* Mamalis, A.G. 43877
Vajda, I. *see* Rukhin, A.L. 24621
Vajda, S. *see* Kasparian, J. 55890
Vajdic, S.M., Bouzerdoum, A., Brooks, M.J., Downing, A.R., Katz, H.E. Neural network architectures: medical image segmentation approach as a step towards medical image fusion 35205
Vajdic, S.M., Downing, A.R. Similarity measures for image matching architectures–a review with classification 25781
Vajdic, S.M., Graham, J., Voigt, S. An application of image matching/fusion in medicine 28298
Vajo, J.J. *see* Doty, R.E. 10949
Vakatov, D.V. *see* Tsyganov, Yu.S. 58658
Vakhnin, A.Yu., Il'chishin, I.P. Optical diagnostics of structural ordering in the cholesteric liquid crystal using the DF-laser based on it 13988
Vakhnin, A.Yu. *see* Klimusheva, G.V. 13717
Vakhrushev, S.G., Rossiev, D.A., Burenkov, G.I., Toropova, L.A. Neural-network forecasting of optimal parameters of laserotherapy in patients after tonsillectomy 59781
Vakhrushin, Yu.P. *see* Svistunov, Yu.A. 49215
Vakhshoori, D. *see* Partovi, A. 3354
Vakilotojar, V., Beerel, P.A. RTL verification of timed asynchronous and heterogeneous systems using symbolic model checking 40798
Vakilotojar, V. *see* Yun, K.Y. 53236
Vakkayil, R., Graber, H.C., Large, W.G. Oceanic winds estimated from underwater ambient noise observations in SWADE 50069
Vakkayil, R. *see* Graber, H.C. 50054
Vakman, D. Modified Whitham's method [traveling waves in dispersive media] 24459
Vaks, V.L. *see* Basov, S.A. 31717
Vakser, N.M. *see* Abramova, N.A. 13278
Vakulenko, A. *see* Dobrovolsky, Yu. 27750
Val, A., Esteve, D., Val, C. Microsystems for medical applications 28057
Val, C. *see* Val, A. 28057
Val, C.M. New chip scale package for medical applications: "plip-chip" 59373
Val, T. *see* Beghdad, R. 57891
Valadares, E.C. *see* Freire, S.L.S. 22376
Valadas, R.T. *see* Moreira, A.J.C. 16808
Valant, M., Suvorov, D., Macek, S. Measurement error analysis in the determination of microwave dielectric properties using cavity reflection method 36870
Valavanis, K.P. *see* Fountas, N.A. 60305
Valcarcel, G.J.De *see* De Valcarcel, G.J.
Valcher, S. *see* Reschiglian, P. 40870
Valcheva, E., Paskova, T., Yakimova, R. Antimony doped GaAs: a model of dominant current transport mechanism 22243
Valcke, C.P., Chizeck, H.J. Closed-loop drug infusion for control of heart-rate trajectory in pharmacological stress tests 37606
Valcker, O. *see* Povh, D. 9457
Vald-Perlov, V.M. *see* Kosov, A.S. 53596
Valdenegro E., A. *see* Asenjo S., E. 54954
Valderrama, M.J. *see* Aguilera, A.M. 434
Valdes, J.B. *see* Soman, V.V. 38071
Valdez, T.I., Narayanan, S.R., Frank, H., Chun, W. Direct methanol fuel cell for portable applications 61066
Valdinoci, M., Colalongo, L., Pellegrini, A., Rudan, M. Analysis of conductivity degradation in gold/platinum-doped silicon 12140
Valdinoci, M., Colalongo, L., Rudan, M., Coffa, S. Dynamic model of silicon devices with energy-localized trap centers 54559
Valdinoci, M. *see* Colalongo, L. 54628
Valdinoci, M. *see* Pellegrini, A. 2564
Valdivia, D. *see* Donoso, A. 42056
Valdiviezo, L.E. *see* Fernandes, E. 52140
Valdna, V. Effect of the vacuum annealing on p-type CdTe 54093
Valdna, V., Hiie, J., Mellikov, E., Mere, A. (ZnCd)S, (ZnCd)Se and Zn(SeTe) downconverting phosphors 55409
Valdna, V., Mellikov, E., Mere, A. Photoluminescence of Zn(SeTe) annealed phosphors 55408
Valdre, U. *see* Cecchini, S. 7822
Valduriez, P. *see* Bellosta, M.-J. 5934
Vale, A.Almeida do *see* Almeida do Vale, A.
vale, A.Almeido de *see* Almeido de vale, A.
Vale, L.R. *see* Li, H.Q. 3281
Vale, Z.A., Ramos, C. Temporal reasoning in intelligent applications for power system control centers 38272
Valeanu, M., Plugaru, N., Galateanu, A., Burzo, E., Laforest, J. Magnetic study of $R_3Fe_{29-x}M_x$, with R=Y,Gd and M=V,Ti 3151
Valeau, V., Valiere, J.C., Herzog, P., Simon, L., Depollier, C. Instantaneous frequency tracking of a sine wave phase modulation signal 48924
Valeev, A.I., Churikov, V.M. Simultaneous recording and readout of $\chi^{(2)}$-holograms in glasses 44759
Valencia, G. *see* Pena C., M.A. 59586
Valencia-Rodriguez, J. *see* Mangum, B.W. 27206
Valencic, V. *see* Knez, N. 59719
Valenta, J., Moniatte, J., Gilliot, P., Levy, R., Honerlage, B., Ekimov, A.I. Hole-filling of persistent spectral holes in the excitonic absorption band of CuBr quantum dots 33668
Valenta, J. *see* Gilliot, P. 22361
Valenta, K. *see* Keusseyan, R.L. 53809
Valenta, V. *see* Culik, K., II 56843
Valente, P. *see* Andryakov, A. 37226
Valenti, L. *see* Balboni, A. 11149
Valentic, T.A., Avery, J.P., Avery, S.K., Cervera, M.A., Elford, W.G., Vincent, R.A., Reid, I.M. A comparison of meteor radar systems at Buckland Park 18854
Valentic, T.A., Avery, J.P., Avery, S.K., Vincent, R.A. A comparison of winds measured by meteor radar systems and an MF radar at Buckland Park 60058
Valentin, C. *see* Aucouturier, E. 27369
Valentin, M. *see* Abel, J. 7143
Valentin, M. *see* Collomb, C. 51161
Valentine, B. *see* Zatsman, A. 58054
Valentine, E. *see* Tweedy, A. 50143
Valentine, G.W. *see* Lee, J.J. 34455
Valentine, J.D. *see* Rohe, R.C. 28227
Valentine, J.D. *see* Taulbee, T.D. 59272
Valentine, R.J. Electric steering power electronics 29840
Valentine, R.J. IGBT high frequency operation 31094
Valentine, R.J. Protection techniques ensure μC reliability in power-control circuits 31283
Valentino, D.J. *see* Karplus, W.J. 28260
Valentino, G.J., Bohman, T. The incorporation of fibre channel and scalable coherent interface technologies in avionics systems 49886
Valentino, M. *see* Bertelotti, M. 44040
Valentino, V. *see* Boggia, A. 49136
Valentinotti, F., Di Caro, G., Crespi, B. Real-time parallel computation of disparity and optical flow using phase difference 5230
Valentinotti, F. *see* Cozzi, A. 46332
Valentinuzzi, E. *see* Babich, F. 4252
Valenzano, A. *see* Durante, L. 5856
Valenzuela, L.De *see* De Valenzuela, L.
Valenzuela, R. *see* Multigner, M. 3160
Valenzuela, R. *see* Sanchez, M.L. 3042
Valenzuela, R.A., Landron, O., Jacobs, D.L. Estimating local mean signal strength of indoor multipath propagation 34075
Valenzuela, R.F. *see* Douglas, R.M. 59764
Valera, J.D.R., Jones, J.D.C., Towers, D.P., Buckberry, C.H. Strain and vibration analysis by fibre based speckle shearing interferometry 7595
Valera, M.S., Tomlinson, S.L., Heydon, G.P., Farley, A.N., Hoon, S.R., Zhou, L., McVitie, S., Chapman, J.N. Magnetic force microscopy of soft magnetic materials 3255
Valeri, S. *see* di Bona, A. 59184
Valero, A., Lozano, M.A., Bartolome, J.L. On-line monitoring of power-plant performance, using exergetic cost techniques 19552
Valero, J.-L. *see* Vachon, P.W. 18895
Valero, S. *see* Lapostolle, P. 49085
Valero, S. *see* Lapostolle, P. 49087
Valeroso, E.S., Alam, M. Adaptive resource scheduling strategies and performance analysis of broadband networks 57575
Vales, P., Dorkel, J.-M. Electrothermal simulation methodology for power devices and integrated circuits 11182
Vales, P., Dorkel, J.-M. Electrothermal simulation methodology for power devices and integrated circuits 22942
Valette, R. *see* Ereau, J.-F. 39923
Valette, S. Microlasers: Key components for optical microsystems 14065
Valfells, A. *see* Luginsland, J.W. 1907
Valiant, S.C. Review of software tools and methods used in operational support systems developments 35574
Valicek, J. *see* Luby, S. 2451
Valiere, J.C. *see* Simon, L. 34919
Valiere, J.C. *see* Valeau, V. 48924
Valiev, K.A., Velikov, L.V., Dolgich, V.T., Kalnov, V.A., Protopopov, V.V., Imamov, R.M., Lebedev, O.I., Lomov, A.A. X-ray imaging by angular raster scanning 55376
Valimaki, I. *see* Gronlund, J. 49714
Valimaki, V. *see* Mackenzie, J. 34759

Valin, F. *see* Charlier, J. 30861
Valin, I. *see* Thayne, I. 53649
Valin, P., Couture, J., Simard, M. Position and attribute fusion of radar, ESM, IFF and Datalink for AAW missions of the Canadian Patrol Frigate 28710
Valin, P. *see* Orlando, J. 47422
Valine, C.M. *see* Aksenov, G.A. 36440
Valizadeh, R. *see* Pringle, S.D. 10891
Valk, B. *see* Anthamatten, O. 47912
Valk, J.P.J.M.M.de *see* de Valk, J.P.J.M.M.
Valkealahti, K., Oja, E. Optimal texture feature selection for the co-occurrence map 15870
Valkov, S., Derzkii, D., Temcamani, F., Pouvil, P. A new auto-coherent bias dependent charge model for MESFETs and HEMTs 54710
Valkovic, Z. Investigations of core noise levels using a dry-type transformer model 23376
Valkunas, L. *see* Gaizauskas, E. 3996
Vall, L.van de *see* van de Vall, L.
Valla, M. *see* Montenero, A. 831
Vallabhan, C.P.G. *see* Bindhu, C.V. 3588
Vallabhan, C.P.G. *see* Issac, R.C. 4065
Vallabhan, S.C., Jeyasurya, B. Application of artificial neural networks for prediction of voltage instability 50347
Valladares, C.E., Sheehan, R., Basu, S., Kuenzler, H., Espinoza, J. The multi-instrumented studies of equatorial thermosphere aeronomy scintillation system: climatology of zonal drifts 24484
Valladares, H. Build cycle time reduction through process optimisation 41615
Vallayer, B., Hourquebie, P., Marsacq, D., Janah, H. Measurement of the trapping and detrapping properties of polymers in relation with their microstructure 13272
Vallayer, B. *see* Hourouebie, P. 32720
Vallayer, B. *see* Marsaco, D. 43436
Valle, A., Pesquera, L., Shore, K.A. Polarization behavior of birefringent multitransverse mode vertical-cavity surface-emitting lasers 55689
Valle, A., Shore, K.A., Pesquera, L. Polarization selection in birefringent vertical-cavity surface emitting lasers 23928
Valle, A. *see* Dellunde, J. 14126
Valle, A. *see* Dellunde, J. 33551
Valle, M. *see* Motta, L. 31063
Valle Gonzalez, I. *see* Dominguez Vazquez, J.A. 51235
Valle Simoes, E.do *see* do Valle Simoes, E.
Vallee, B. Using functional analysis in average case analysis: the example of the Gauss reduction algorithm 30432
Vallee, F. *see* Sun, C.-K. 41983
Vallee, R. *see* Chandonnet, A. 55522
Vallee, R. *see* Laperle, P. 33022
Valleix, P. *see* Haubensack, D. 60487
Vallet, M. *see* Brunel, M. 55575
Vallett, D.P. An overview of CMOS VLSI failure analysis and the importance of test and diagnostics 32552
Valley, J.-F. *see* Verdun, F.R. 7893
Valli, G. *see* Poli, R. 28164
Valli, G. *see* Poli, R. 59492
Valli, L. *see* Rella, R. 36742
Valli, L. *see* Rella, R. 48714
Valli, L. *see* Rella, R. 58889
Vallino, T. *see* Dandache, A. 11317
Vallishayee, R.R., Orszag, S.A., Barouch, E. Optimization of stepper parameters and their influence on OPC 2535
Vallmitjana, S., Cartwright, C.M., Carnicet, A., Cook, N.J., Juvells, I., Gillespie, W.A. Joint transform correlator using photorefractive $Bi_{12}SiO_{20}$ crystal with improved discrimination 4128
Vallmitjana, S., Martin-Badosa, E., Bosch, S., Carnicer, A. Contrast-improved joint transform correlator using spatial light modulators 15687
Vallmitjana, S. *see* Carnicer, A. 56973
Vallmitjana, S. *see* Fernandez, X. 46039
Vallmitjana, S. *see* Gutmann, B. 45718
Vallmitjana, S. *see* Juvells, I. 35339
Vallmitjana, S. *see* Wolf, T. 15753
Valluri, V. *see* Prakash, V. 30320
Vallve, X., Serrasolses, J. Design and operation of a 50 kWp PV rural electrification project for remote sites in Spain 60603
Valmari, A. *see* Karsisto, K. 16105
Valocchi, S. *see* Parsey, J.M., Jr. 12028
Valois, J.C.de *see* de Valois, J.C.
Valsa, J. *see* Zhu, L. 11161
Valsaraj, N. *see* Ikossi-Anastasiou, K. 42948
Valster, A., Meney, A.T., Downes, J.R., Adams, A.R., Brouwer, A.A., Corbijn, A.J. Strain overcompensated GaInP/AlGaInP quantum well laser structures for improved reliability at high output powers 55634
Valtchev, V., Odell, J.J., Woodland, P.C., Young, S.J. Lattice-based discriminative training for large vocabulary speech recognition 15067
Valtere, S. Long-term objectives of development of environmental engineering education in Latvia 30037
Valve, P. *see* Garnacho, F. 50672
Valverde, J.Lamas *see* Lamas Valverde, J.
Valverde, J.M. *see* Perez-Aloe, R. 21799
Valverde, N.K. *see* Rosano, F.L. 50766
Valvo, M., Wicks, F.E., Robertson, D., Rudin, S. Development and application of an improved equivalent circuit model of a lead acid battery 20190
Valvo, M. *see* van Breemen, J. 26864
Valvo, M. *see* Van Deventer, M.O. 26850
Vamparys, F. An industrial communication platform designed for multimedia traffic 16300
Vampola, A.L. The nature of bulk charging and its mitigation in spacecraft design 37943
Vampouille, M. *see* Menard, S. 33603
Vamvaka, D. *see* Orphanoudakis, S.C. 15424
van Aken, P. *see* Rogers, F. 45649
Van Alme, G., De Mey, G., Meuris, P. Internal liquid cooling of integrated circuits and multichip modules 20958
van Amersfoort, P.W. *see* Knippels, G.M.H. 14204
van Amersfoort, P.W. *see* Meddens, B.J.H. 49305
van Amersfoort, P.W. *see* Weits, H.H. 33589
Van Amersfoort, W. *see* Li, L. 55746
Van Anda, J.B. Readout electronics and cryosystem design for a QWIP FPA 48662
Van Asch, B. *see* De Jager, B. 30631
Van Assche, S. *see* Denecker, K. 15603
van Asten, N.A.A.J. *see* Colak, S.B. 37659
van Bael, M. *see* Vantomme, A. 40553
van Bael, M.J. *see* Bruynseraede, Y. 32920
van Bakel, G.P.E.M. *see* Borgonjen, E.G. 41808
van Bastelaer, B. *see* Lobet-Maris, C. 26342
van Beek, J.C.M., Lukkien, J.J. A parallel algorithm for stereo vision based on correlation 15997
Van Beek, P.J.L., Tekalp, A.M. Object-based video coding using forward tracking 2D mesh layers 56878
Van Berg, R. *see* Arai, Y. 37267
Van Berg, R. *see* Arai, Y. 37268
Van Berkum, J.G.M. *see* Cowern, N.E.B. 42049
Van Beylen, F. *see* Adriaensen, K. 16456
van Bibber, K. *see* Paolucci, P. 37242
Van Binst, P. *see* Rega, J. 6251
Van Bladel, J.G. Deep field penetration into a conducting cylinder 4185
Van Blerkom, D.A., Chi Fan, Blume, M., Esener, S.C. Optimization of smart pixel receivers 36199
Van Blerkom, D.A. *see* Chi Fan 23713
Van Blerkom, D.A. *see* Chi Fan 33183
van Bockstal, L., Bogaerts, R., Boon, W., Deckers, I., De Keyser, A., Harrison, N., Lagutin, A., Li, L., Trappeniers, L., Vanacken, J., Van Esch, A., Herlach, F. Experimental techniques for pulsed magnetic fields in the 60 T/20 ms range 4208
van Bockstal, L., Herlach, F., Frings, P.H., Dupouy, F., Askenazy, S. The influence of pulse shape and duration on experiments in pulsed high magnetic fields 7544
Van Bockstal, L. *see* Li, L. 55746
van Boxem, G. *see* van der Peet, J. 43175
van Breemen, J., D'Ascoli, L., Van Heliningen, P., Vogel, P., Solina, P., Valvo, M. Asynchronous transfer mode over a passive optical network: the realization of a high speed demonstrator system 26864
van Brug, H. *see* Daoping Li 13654
Van Brug, H. *see* Li, D. 55254
Van Brug, H. *see* Uitterdijk, T. 44080
van Brunt, R.J., von Glahn, P. Improved Monte-Carlo simulator of partial discharge 32631
Van Brunt, R.J., von Glahn, P., Las, T. Anomalous stochastic behavior of partial discharge on aluminum oxide surfaces 43442
Van Brunt, R.J. *see* von Glahn, P. 9316
Van Brussel, H. *see* De Geeter, J. 56829
van Brussel, H. *see* Pan, M.-C. 50886
Van Brussel, H. *see* Vandorpe, J. 27895
van Buren, G. *see* Haridas, P. 59198
Van Burik, M., Pfurtscheller, G., Peters, M. Dipole source localization of post-movement beta synchronization during foot movement 59711
Van Buskirk, P. *see* Stauf, G.T. 53269
Van Caenegem, B. *see* Berger, M. 58369
Van Calster, A., Sabbe, K. A hybrid integrated gas sensor on silicon 36737
Van Calster, A. *see* De Cubber, A.M. 12969
Van Calster, A. *see* Lernout, J. 1888
Van Calster, A. *see* Vrana, M. 1890
Van Camp, G. *see* Carlier, S. 37690
Van Campenhout, D., Mudge, T., Sakallah, K.A. Timing verification of sequential domino circuits 11347
Van Campenhout, J. *see* Stroobandt, D. 53120
Van Cayseele, P., Furth, D. Bertrand-Edgeworth duopoly with buyouts or first refusal contracts 10263
van Cleef, M.W.M., Rath, J.K., Rubinelli, F.A., van der Werf, C.H.M., Schropp, R.E.I. Microcrystalline-crystalline silicon heterojunction solar cells using highly conductive thin p-type microcrystalline silicon window layers 39198
Van Cleynenbreugel, J. *see* Plets, P. 37735
Van Coile, B. *see* Vorstermans, A. 4609
van Coller, J.M. *see* Ramage, N.H. 50517
Van Compernolle, D. *see* Claes, T. 14928
van Compernolle, D. *see* Duchateau, J. 15002
Van Compernolle, D. *see* Smolders, J. 61310
Van Compernolle, D. *see* Xie, F. 4575
Van Corbach, H.D. *see* Van Kranenburg, H. 42636
Van Cutsem, T., Mailhot, R. Validation of a fast voltage stability analysis method on the Hydro-Quebec system 50474
Van Daele, M. *see* Van Hecke, T. 30644
Van Daele, P. *see* Blondelle, J. 33311
Van Daele, P. *see* Cailin Wei 55297
van Daele, P. *see* de Neve, H. 33295
Van Daele, P. *see* Jarmolik, A. 55200
Van Daele, P. *see* Masetti, F. 26444
Van Dam, A. *see* Van Wingerden, J. 41863
Van Dam, C., Spiekman, L.H., Van Ham, F.P.G.M., Groen, F.H., Van Der Tol, J.J.G.M., Moerman, I., Pascher, W.W., Hamacher, M., Heidrich, H., Weinert, C.M., Smit, M.K. Novel compact InP-based polarisation converters using ultra short bends 47980
van Dam, C., Staring, A.A.M., Jansen, E.J., Binsma, J.J.M., van Dongen, T., Smit, M.K., Verbeek, B.H. Loss reduction for phased-array demultiplexers using a double etch technique 26931
van Dam, C., van Ham, F.P.G.M., Groen, F.H., van der Tol, J.J.G.M., Moerman, I., Smit, M.K. Compact InP-based waveguide crossings with low crosstalk and low loss 33060
van Dam, C., van Ham, F.P.G.M., Groen, F.H., van der Tol, J.J.G.M., Moerman, I., Smit, M.K. Low-crosstalk and low-loss waveguide crossings on InP with small dimensions 33096
Van Dam, C. *see* Smit, M.K. 47945
van Dam, C. *see* Spiekman, L.H. 26430
van Dam, C. *see* Steenbergen, C.A.M. 16742
Van Dam, J.W.M., Krose, B.J.A., Groen, F.C.A. Neural network applications in for an autonomous mobile robot 15271
van Dam, J.W.M., Krose, B.J.A., Groen, F.C.A. Adaptive sensor models 24970
van Dam, T. *see* Nelwan, S. 49623
van Dam, Y. *see* Garten, F. 55448
Van Dau, F.Nguyen *see* Nguyen Van Dau, F.
van de Gevel, M. *see* Mulder, J. 21837
van de Goer, A.J., Gaydadjiev, G.N. Realistic linked memory cell array faults 53270
van de Goor, A.J. *see* Kjonijnenburg, M.H. 41034
van de Goor, A.J. *see* van der Linden, J.T. 53121
van de Groenendaal, J.G., Braum, R.M. Novel low cost direct sequence spread spectrum synchroniser 16533
van de Klundert, J. *see* Crama, Y. 53777
van de Kraats, A.H., Thurlings, L.F.G. A new approach towards strategic decision-taking in a multi-product innovative organization. I. The structure 52067
van de Kraats, A.H., Thurlings, L.F.G. A new approach towards strategic decision-taking in a multi-product innovative organization. II. The culture 52068
van de Kraats, B., van Kreveld, M., Overmars, M. Printed circuit board simplification: simplifying subdivisions in practice 41598
van de Plassche, R.J. *see* Venes, A.G.W. 11535
van de Pol, M.J. *see* Meddens, B.J.H. 49305
van de Riet, E., Klaassens, W., Roozeboom, F. On the origin of the uniaxial anisotropy in nanocrystalline soft-magnetic materials 43626
Van De Riet, E., Roozeboom, F. Ferromagnetic resonance and eddy currents in high-permeable thin films 32786
van de Roer, Th.G. Modeling of double barrier resonant tunneling diodes: D.C. and noise model 31508
van de Sanden, M.C.M. *see* Severens, R.J. 7520
van de Stadt, H. *see* Gao, J.R. 53614
Van de Straete, H.J., De Schutter, J. Hybrid cam mechanisms 20137
van de Vall, L. Optimizing medium-volume placement machine output 1774
Van de Velde, J.-C. *see* Ajram, S. 53027
Van de Voorde, I., Sierens, C. System requirements for bi-directional transmission over a single fibre passive optical network 16763
Van de Voorde, I., Van der Plas, C. Full service optical access networks: ATM transport on passive optical networks 58033
Van De Voorde, I. *see* Angelopoulos, J. 58264
Van de Voorde, I. *see* Senior, J.M. 26387
Van de Voorde, I. *see* Van Deventer, M.O. 26850
van de Vyver, B. Prompt ν_e background in wide band ν_μ beams 37462
Van De Walle, R., Lemahieu, I., Peynsaert, J., De Deene, Y., Achten, E. Motion detection from the measured signals in magnetic resonance imaging 46266
Van De Weghe, H. *see* Adriaensen, K. 16456
Van de Werf, F. *see* Aubert, A.E. 28381
van de Werf, F. *see* Bijnens, B. 18356
Van de Werf, F. *see* De Man, B. 49526
van de Wiel, O., Vandendorpe, L. Fractionally spaced linear joint detection for multitone CDMA systems 5810
Van de Wiel, O. *see* Vandendorpe, L. 34807
Van De Wiele, F. *see* Gentinne, B. 2674
van Deemter, J.H., Cristobal, G. Signal reconstruction with a small set of Gabor filters 15932
Van Delft, F.C.M.J.M., Giesbers, J.B., Nienhuis, G.-J. Nanoscale etching of resists in view of a mechanistic framework 42497
van Delft, F.C.M.J.M. *see* Frijlink, P.M. 43133
Van den Berg, A. *see* Cobianu, C. 40517
Van den Berg, H.A.M., Clemens, W., Gieres, G., Rupp, G., Vieth, M., Wecker, J., Zoll, S. GMR angle detector with an artificial antiferromagnetic subsystem (AAF) 43669
van den Berg, J. *see* Haisma, J. 22731

Van den Berg, J.A. *see* Sikola, T. 12734
van den Berg, J.H. *see* Xiaojun Yang 18776
van den Berg, M.P. *see* Haaksma, J. 37772
van den Berg, P.M. *see* Haak, K.F.I. 34037
van den Berg, P.M. *see* Remis, R.F. 34029
van den Bergh, H.E. *see* Wagnieres, G.A. 37682
Van den Bogaart, F.L.M., De Hek, A.P., De Boer, A. MESFET high-power high-efficiency MMIC amplifiers at X-band with 30% bandwidth 53656
Van den Bogaart, F.L.M. *see* Tieman, T.C.B. 53658
Van den Bogaert, N., Dupret, F. Simulation of back-melting in Czochralski growth 10605
Van den Bogaert, N., Dupret, F. Dynamic global simulation of the Czochralski process. I. Principles of the method 30703
Van den Bogaert, N., Dupret, F. Dynamic global simulation of the Czochralski process. II. Analysis of the growth of a germanium crystal 30704
Van den Bogaert, N. *see* Dornberger, E. 10606
van den Bogert, A.J. *see* Gerritsen, K.G.M. 18531
Van Den Bosch, A. An introduction to surface mount adhesives 11886
Van den Bosch, P.J., ter Brake, H.J.M., Holland, J.J., De Boer, H.A., Verberne, J.F.C., Rogalla, H. Cryogenic design of a high-T_c SQUID-based heart scanner cooled by small Stirling cryocoolers 59456
Van den Bosch, P.P.J. *see* Gorter, R.J.A. 60751
van den Bosch, P.P.J. *see* Hanajik, M. 57390
van den Bossche, A.P. *see* Coussens, P.J. 51008
Van den Bossche, J. *see* Soenen, B. 55441
van den Brand, J.F.J. *see* Zhou, Z.-L. 7793
van den Branden Lambrecht, C.J. A working spatio-temporal model of the human visual system for image restoration and quality assessment applications 25425
van den Branden Lambrecht, C.J. Color moving pictures quality metric 57007
van den Branden Lambrecht, C.J. *see* Basso, A. 15634
van den Branden Lambrecht, C.J. *see* Costantini, D.M. 57008
Van Den Branden Lambrecht, C.J. *see* Farrell, J.E. 46374
Van den Brandt, B., Hautle, P., Kisselev, Yu.F., Konter, J.A., Mango, S. Dynamic nuclear polarization in thin polyethylene foils cooled via a superfluid ^{4}He film 37163
van den Brink, A. *see* Prendergast, E.P. 41731
Van den Brink, M., Jasper, H., Slonaker, S., Wijnhoven, P., Klaassen, F. Step-and-scan and step-and-repeat, a technology comparison 2541
van den Brink, R.F.M. Theory of lightwave synthetic noise generation 6821
Van den Broeck, T. *see* Berger, M. 58369
Van Den Durpel, L. *see* Berghmans, F. 38538
van den Enden, G. *see* Immink, K.A.S. 17104
Van Den Heuvel, F. *see* Verellen, D. 8089
van den Heuvel, K. *see* Haisma, J. 22731
van den Homberg, M.J.C., Alkemade, P.F.A., Radelaar, S., Hurd, J.L., Dirks, A.G. Curved crystal lattice in resolidified submicron Al lines 22620
Van Den Homberg, M.J.C., Alkemade, P.F.A., Verbruggen, A.H., Dirks, A.G., Hurd, J.L., Radelaar, S. Fabrication of submicron single-crystalline and bamboo Al lines by recrystallization 42704
Van Den Homberg, M.J.C., Verbruggen, A.H., Alkemade, P.F.A., Radelaar, S. Single-crystalline and bamboo Al lines fabricated by graphoepitaxy: microstructure and 1/f noise measurements 42764
Van Den Homberg, M.J.C. *see* Verbruggen, A.H. 42763
van den Hove, L. *see* Baker, D. 42879
Van Den Hove, L. *see* Goethals, A.M. 2523
Van den Hove, L. *see* Kee-Ho Kim 2496
Van den hove, L. *see* Kim, K.-H. 2549
Van Den Hove, L. *see* Lin, C.-H. 2529
Van den hove, L. *see* Op de Beeck, M. 2531
van den Hove, L. *see* Ronse, K. 2790
Van den Hove, L. *see* Yen, A. 22738
van den Hoven, G.N. *see* Coffa, S. 42368
van den Hoven, G.N. *see* Tiemeijer, L.F. 6720
van den Hoven, G.N. *see* Tiemeijer, L.F. 23911
van den Hoven, G.N. *see* Tiemeijer, L.F. 33543
van den Ouden, F. *see* de Bakker, M. 7432
Van den Torren, L. *see* Peeters, J. 6413
van der Akker, J.M. *see* van Kemenade, C.H.M. 18752
Van der Auweraer, H. *see* Dierckx, B. 48941
van der Berg, A.C.J.F. *see* van Enckevort, W.J.P. 10588
van der Berg, N.G. *see* Demanet, C.M. 2019
van der Broeck, H., Loef, C. Use of LC filters in hard switching PWM inverter drives 51707
van der Broeck, H. *see* Schaaf, U. 60818
van der Burg, B. *see* Gomez Ros, J.M. 8197
van der Burgt, J., Bosga, S., Blaschke, F., Vandenput, A. Improved voltage/current model in direct field-oriented control at very low speeds 61198
van der Burgt, J. *see* Blaschke, F. 29214
van der Burgt, M. *see* Nicholas, R.J. 2126
van der Does, T. Fuel cell co-generation: the future of co-generation 19986
Van der Drift, E. *see* Van Veen, R.G. 42496
Van Der Drift, E.W.J.M. *see* Maes, J.W.H. 40435
Van der Drift, E.W.J.M. *see* Maes, J.W.H. 42422
van der Drift, E.W.J.M. *see* Voorma, H.-J. 42852
Van der Giessen, P.-H. A simple and generally applicable method to estimate the peripheral dose in radiation teletherapy with high energy X-rays or gamma radiation 28462
Van der Gon, A.W.D., Jongen, M.F.F.K., Brongersma, H.H., Van Slooten, U., Manenschijn, A. Thermionic cathodes studied by low-energy ion scattering spectroscopy 53908
van der Graaf, A., Ball, A.R., Kools, J.C.S. Magnetic alignment in spin-valve system studied by polarized neutron reflectometry 43668
van der Graaf, M. *see* Heerschap, A. 49465
van der Graaf, W.A., Levine, A.M., Lenstra, D. Diode lasers locked to noisy injection 33568
van der Graaf, Y. *see* van Heesewijk, H.P.M. 37643
Van der Hagen, T.H.J.J. *see* Schoonewelle, H. 24925
van der Hart, A. *see* Schimpf, K. 41444
van der Heiden, K. *see* van der Putten, N. 59746
Van Der Heiden, R., Groen, F.C.A. The Box-Cox metric for nearest neighbour classification improvement 58443
Van Der Heijden, F. *see* Van Dijck, H. 57242
Van der Heijden, G.W.A.M., Vossepoel, A.M. A landmark-based approach of shape dissimilarity 5060
van der Horn, G., Lyahou, K., Huijsing, J. Calibration and linearization method for microcontroller-based sensor systems 17274
van der Houwen, P.J., de Swart, J.J.B. Triangularly implicit iteration methods for ODE-IVP solvers 40135
van der Houwen, P.J., Sommeijer, B.P. CWI contributions to the development of parallel Runge-Kutta methods 10541
van der Keur, J.M. *see* Vassallo, C. 33075
Van der Koijk, J.F. *see* Crezee, J. 59770
Van der Kooij, M.W.A. *see* Vogelzang, J. 50210
Van Der Laan, H. *see* Dirksen, P. 2471
van der Laan, M.D. *see* Lankhorst, M.M. 45978
van der Laan, P.C.T. *see* Pemen, A.J.M. 50963
Van Der Lee, A.M. *see* Van Doorn, A.K.J. 44477
van der Lee, M. *see* Toth, F.N. 27467
van der Linden, J.T., Konijnenburg, M.H., van de Goor, A.J. Circuit partitioned automatic test pattern generation constrained by three-state buses and restrictors 53121
van der Linden, J.T. *see* Kjonijnenburg, M.H. 41034
van der Mark, M.B. *see* Colak, S.B. 37659
Van Der Meer, A.F.G. *see* Jaroszynski, D.A. 44590
van der Meer, A.F.G. *see* Knippels, G.M.H. 14204
van der Meer, A.F.G. *see* Meddens, B.J.H. 49305
Van der Meer, J. Service management, provision and design 26279
van der Meijs, N.P., Smedes, T. Accurate interconnect modeling: Towards multi-million transistor chips as microwave circuits 13084
van der Meijs, N.P. *see* Elias, P.J.H. 11049
Van der Meulen, E.C. *see* Levendovsky, J. 35375
van der Peet, J., van Boxem, G. SPC on the IC-production test process 43175
Van Der Pers, N.M. *see* Cimpolasu, A. 30940
van der Plaats, C. *see* Koonen, T. 58034
van der Plaats, J.C., Muys, W., Willems, F.W., Koonen, A.M.J., Leong, J.S. A bi-directional 1.5 μm AM-VSB video-on-demand lightwave system using a two-window optical branching amplifier and an isolatorless last stage EDFA 17074
van der Plaats, J.C. *see* Camy, P. 26837
Van der Plas, C. *see* Van de Voorde, I. 58033
Van Der Plas, G., Sierens, C., Spruyt, P., Mestdagh, D. Access network alternatives and associated trial experiences 47426
Van Der Plas, G. *see* Huish, P. 26389
van der Ploeg, B. *see* Blokland, A.J. 61245
Van Der Pol, M. *see* Li, L. 55746
van der Pols, E.K.H. *see* Duym, A. 51775
Van Der Putt, J. European X-400 based mobile satellite communication system 16644
van der Putten, N., Wemelsfelder, S., van der Heiden, K., Hagenouw, R., Wijers, M., Oomen, J., Niemeijer, J. JANUS: a third generation system for automatic record keeping during open heart surgery 59746
van der Schoor, R. *see* Jalink, H. 7159
Van Der Schoot, H., Ural, H. Deciding deadlock-freedom of daisy-chain protocols by fair reachability analysis 46731
van der Sel, C. *see* Krippner, P. 17334
van der Sluijs, M.J. *see* Lewis, T.J. 43449
van der Sluis, L. *see* Jongepier, A.G. 28938
van der Sluis, L. *see* Sheng, B.L. 9420
van der Sluis, P. *see* Favre-Nicolin, C.D. 55332
Van der Spiegel, J. *see* Etienne-Cummings, R. 7424
Van der Spiegel, J. *see* Etienne-Cummings, R. 25554
Van Der Spiegel, J. *see* Etienne-Cummings, R. 58670
van der Spiegel, J. *see* Mueller, P. 34707
Van Der Stam, M.A.J., Barth, J.E., Kruit, P. Interactive design of multicomponent systems 33826
van der Steen, A.F.W., Mastik, F., Vletter, W.B., Lancee, C.T., Bom, N. Cyclic variation of ultrasonic attenuation in the myocardium in vivo 18349
van der Steen, A.F.W. *see* Li, W. 28189
Van Der Stelt, P.F. *see* Geraets, W.G.M. 49566
van der Stelt, P.F. *see* Korstjens, C.M. 49551
Van der Stricht, W., Moerman, I., Demeester, P., Crawley, J.A., Thrush, E.J. Study of GaN and InGaN films grown by metalorganic chemical vapour deposition 40453
Van der Stricht, W., Moerman, I., Demeester, P., Crawley, J.A., Thrush, E.J., Middleton, P.G., Cowan, C.T., O'Donnell, K.P. The effect of a GaN nucleation layer on GaN film properties grown by metalorganic chemical vapor deposition 21276
Van Der Stricht, W. *see* O'Donnell, K.P. 44223
Van Der Stricht, Y. *see* Thrush, E.J. 30799
Van der Tol, J.J.G.M., Pedersen, J.W., Metaal, E.G., Van Gaalen, J.J.-W., Oei, Y.S., Groen, F.H. A short polarization splitter without metal overlays on InGaAsP-InP 23567
Van Der Tol, J.J.G.M., Pedersen, J.W., Metaal, E.G., Van Gaalen, J.J.-W., Oei, Y.S., Groen, F.H. New metal free polarization splitter on InGaAsP/InP 44026
Van Der Tol, J.J.G.M. *see* Uitterdijk, T. 44080
van der Tol, J.J.G.M. *see* van Dam, C. 33060
van der Tol, J.J.G.M. *see* van Dam, C. 33096
Van Der Tol, J.J.G.M. *see* Van Dam, C. 47980
Van Der Vaart, N.C. *see* McEuen, P.L. 54185
van der Vaart, N.C. *see* Oosterkamp, T.H. 2196
van der Veen, A.-J. Resolution limits of blind multi-user multi-channel identification schemes–the bandlimited case 26553
van der Veen, A.-J. Analytical method for blind binary signal separation 45953
van der Veen, A.-J., Talwar, S., Paulraj, A. A subspace approach to blind space-time signal processing for wireless communication systems 25001
van der Veen, A.-J., Vanderveen, M.C., Paulraj, A.J. Joint angle and delay estimation using shift-invariance properties 56537
van der Veen, A.L., Paulraj, A. Singular value analysis of space-time equalization in the GSM mobile system 16582
Van der Veen, J.F. *see* de Haas, E. 36520
van der Veer, W.E. *see* Boon-Engering , J.M. 44639
van der Velde, W. *see* Dijk, W.A. 49838
van der Vleuten, W. *see* Teke, A. 44473
Van der Vlist, P. *see* Jansen, C.J.A. 24651
Van Der Voort, E. *see* Young, E.W.A. 58941
van der Voort, H.T.M. *see* Kano, H. 27582
van der Waaij, B. *see* Huis in't Veld, R.J. 16377
van der Waal, R. *see* Houtsma, A.J.M. 17120
van der Waal, R. *see* Houtsma, A.J.M. 17121
van der Wage, P., Seabaugh, A., Beam, E., III RTD/HFET low standby power SRAM gain cell 41149
van der Wagt, J.P., Tang, H., Broekaert, T.P.E., Kao, Y.C., Beam, E.A., III Vertical multi-bit resonant tunneling diode memory cell 1422
van der Wal, P.D., de Rooij, N.F., Koudelka-Hep, M. Extremely stable Nafion based carbon monoxide sensor 27731
van der Weg, W.F., Berntsen, A.J.M., Saris, F.W., Polman, A. Ion implantation into amorphous solids 22525
van der Weg, W.F. *see* Meiling, H. 39153
Van der Weg, W.F. *see* Van Sark, W.G.J.H.M. 41828
van der Weide, D.W. Localized picosecond resolution with a near-field microwave/scanning-force microscope [IC testing] 32484
van der Weide, D.W., Neuzil, P. The nanosciloscope: Combined topography and AC field probing with a micromachined tip 23051
van der Wekken, M. *see* van Rijn, C. 43388
van der Wel, P.J. *see* te Nijenhuis, J. 12358
van der Werf, A. *see* de Fluiter, B. 1062
van der Werf, C.H.M. *see* Rath, J.K. 39141
van der Werf, C.H.M. *see* van Cleef, M.W.M. 39198
van der Wiele, T., Dale, B. Total quality management research and teaching: the latest picture from Europe's leading universities and business schools 10179
van der Woerd, A.C. *see* Mulder, J. 1647
van der Woerd, A.C. *see* Mulder, J. 31147
van der Woerd, A.C. *see* Mulder, J. 31365
Van Der Woerd, A.C. *see* Serdijn, W.A. 48268
Van Der Zanden, K. *see* Baeyens, Y. 53659
van der Ziel, J.P. *see* Xuefei Tang 55677
van der Zijp, J. *see* Przekwas, A.J. 289
van der Zwan, B.A. *see* Visser, H. 4166
van der Zwan, E.J., Dijkmans, E.C. A 0.2-mW CMOS ΣΔ modulator for speech coding with 80 dB dynamic range 11538
Van Deventer, M.O., Angeloupolous, J.D., Binsma, J.J.M., Boot, A.J., Crahay, P., Jaunart, E., Peters, P.J.M., Phillips, A.J., Qiu, X.Z., Senior, J.M., Valvo, M., Vandewege, J., Vetter, P., Van de Voorde, I. Architectures for 100 km 2048 split bidirectional superPONs from ACTS-PLANET 26850
van Deventer, M.O. *see* Boot, A.J. 26732
van Deventer, M.O. *see* Senior, J.M. 26387
van Deventer, M.Oskar *see* Oskar van Deventer, M.
van Deventer, T.E., Katehi, L.P.B. Generalized boundary conditions with applications to submillimeter and optical waveguides 14693
van Dieren, E.B., Plaizier, M.A.B.D., van Lingen, A., Roos, J.C., Barendsen, G.W., Teule, G.J.J.

Adsorbed dose distribution of the Auger emitters ^{67}Ga and ^{125}I and the β-emitters ^{67}Cu, ^{90}Y, ^{131}I, and ^{186}Re as a function of tumor size, uptake, and intracellular distribution 37916
van Diest, M. *see* Carlsson, S. 25541
Van Dijck, H., Korsten, M., Van Der Heijden, F. Robust 3-dimensional object recognition using stereo vision and geometric hashing 57242
van Dijk, A.M., Martens, J.-B. Image representation and compression with steered Hermite transforms 56707
van Dijk, A.M., Martens, J.-B. Feature-based image compression with steered Hermite transforms 56758
van Dijk, A.M., Martens, J.-B. Quality assessment of compressed images: A comparison between two methods 57088
van Dijk, G.J.A. *see* de Langen, K.-J. 40933
van Dijk, J.D.P. *see* van Wieringen, N. 8135
van Dijk, K., Klaassens, J.B., Spruijt, H.J.N., O'Sullivan, D.M. Battery charger design for the Columbus MTFF power system 37971
Van Dijk, M. On a special class of broadcast channels with confidential messages 34500
van Dijk, N.M. An approximate solution and error bound for a discrete time queue with simultaneous servicing 16074
Van Dijk, N.M. *see* Boucherie, R.J. 39991
van Dijk, P., van Meijl, F. A design solution for fretting corrosion 11806
Van Dommelen, C.H. Choose the right lighting for inspection 30360
Van Dongen, T. *see* Hummel, E. 16825
van Dongen, T. *see* Spiekman, L.H. 24027
van Dongen, T. *see* Tiemeijer, L.F. 6720
van Dongen, T. *see* Tiemeijer, L.F. 23911
van Dongen, T. *see* Tiemeijer, L.F. 33543
van Dongen, T. *see* van Dam, C. 26931
Van Dooren, P. *see* Oara, C. 39970
Van Dooren, P. *see* Oara, C. 39974
Van Dooren, P. *see* Stewart, M. 30609
Van Doorn, A.K.J., Van Exter, M.P., Van Der Lee, A.M., Woerdman, J.P. Coupled-mode description for the polarization state of a vertical-cavity semiconductor laser 44477
van Doorn, A.K.J. *see* Woerdman, J.P. 55755
van Doorn, A.K.Jansen *see* Jansen van Doorn, A.K.
Van Doorn, T. *see* Tarte, B.J. 37860
Van Doren, T. *see* Hubing, T. 45183
Van Doren, T.P. *see* Hockanson, D.M. 1771
Van Doren, T.P. *see* Hockanson, D.M. 41585
Van Doren, T.P. *see* Ma, K.-P. 45199
Van Doren, T.P. *see* Shi, H. 41589
Van Dornik, A. *see* Kalkbrenner, G. 47382
Van Dover, R.B. *see* Korenivski, V. 7529
Van Driel, C.-J.L., Van Grinsven, P.A.M. A hybrid multiplexing scheme for multi-service networks 17086
van Driel, H.M. *see* Hache, A. 22245
Van Driessche, V. *see* Op de Beeck, M. 2531
Van Droogenbroeck, M., Talbot, H. Fast computation of morphological operations with arbitrary structuring elements 35033
van Duijsen, P.J. The use of multilevel modeling for motion analysis 61200
van Duivenbode, R. *see* Viersen, P.M. 30038
Van Duyne, S.A. *see* Pierce, J.R. 36356
Van Duzer, T. *see* Feld, D.A. 11302
van Duzer, T. *see* Jeffery, M. 3280
Van Duzer, T. *see* Perold, W.J. 13503
Van Dyck, D. *see* Bettens, E. 59374
Van Dyck, O. LAMPF reliability history and program 7685
Van Dyck, V. *see* Sijbers, J. 59411
van Dyk, E.E., Strand, T., Hansen, R. Technical evaluation of two 6-kW mono-Si photovoltaic systems at the National Renewable Energy Laboratory 50849
Van Dyke, K. *see* Lee, Y. 48170
Van Dyke, P., Hardy, C., St-Louis, M., Gardes, J.-L. Comparative field tests of various practices for the control of wind-induced conductor motion 50607
van Eck, E.R.H. *see* te Nijenhuis, J. 12358
Van Eck, J.-L. *see* Velaerts, B. 51345
Van Eck, T.E., Girton, D.G., Marley, J.A., Ermer, S.P., Anderson, W.W., Robinette, L.E., Lum, G.K., Garrett, J.W. Space environment testing of polymer photonic modulators 44074
Van Eeckhout, E. *see* Pope, P. 50226
van Eenige, M.J.A. *see* Zhang, Z.G. 35487
Van Eetvelt, P.W.J. *see* Barton, S.K. 21805
van Egmond, C. *see* Leys, C. 44355
Van Eijk, C.A.J. *see* Arts, H. 11365
van Eijk, C.A.J. *see* dos Santos, L.C.V. 1085
van Eijk, C.W.E. *see* Dorenbos, P. 23671
van Eijk, C.W.E. *see* Leliveld, C.J. 28234
van Eijkelenborg, M.A., Lindberg, A.M., Thijssen, M.S., Woerdman, J.P. Resonance of quantum noise in an unstable cavity laser 14214
Van Eijkelenborg, M.A. *see* Schrama, C.A. 3929
van Eijndhoven, J.T.J. *see* dos Santos, L.C.V. 1085
Van Elp, J., Theil, C., Folkmann, F., Baurichter, A., Mythen, C.S., Jensen, B.N. Optical layout and resolution of the ASTRID plane folding mirror spherical grating monochromator 37538
van Enckevort, W.J.P., van der Berg, A.C.J.F., Kreuwel, K.B.G., Derksen, A.J., Couto, M.S. Impurity blocking of growth steps: experiments and theory 10588
van Enckevort, W.J.P. *see* Schermer, J.J. 10769
van Esch, A. *see* de Boeck, J. 30825
Van Esch, A. *see* van Bockstal, L. 4208
Van Esch, H.A. *see* Giesbers, J.B. 43000
van Espen, P.J.M. *see* Kindratenko, V.V. 5383
van Etten, W. Fundamentals of wavelength division multiplex optical communication networks 16792
Van Eupen, M., Lisonek, P. Classification of some optimal ternary linear codes of small length 45555
van Exter, M.P. *see* Jansen van Doorn, A.K. 14114
van Exter, M.P. *see* Jansen van Doorn, A.K. 14171
Van Exter, M.P. *see* Van Doorn, A.K.J. 44477
van Exter, M.P. *see* Woerdman, J.P. 55755
Van Eycken, L. *see* Desmet, S. 15615
Van Eycken, L. *see* Wuyts, T. 56877
Van Gaalen, J.J.-W. *see* Van der Tol, J.J.G.M. 23567
Van Gaalen, J.J.-W. *see* Van der Tol, J.J.G.M. 44026
van Geelen, A. *see* Hageman, P.R. 38978
van Gelder, A. *see* Xiaojun Yang 18776
van Gelderen, P. *see* Yihong Yang 7992
van Gemert, M.J.C., Smithies, D.J., Verkruysse, W., Milner, T.E., Nelson, J.S. Wavelengths for port wine stain laser treatment: influence of vessel radius and skin anatomy 37870
van Gemert, M.J.C. *see* Verkruysse, W. 37871
van Genderen, P. Clutter suppression in general surveillance radar 16897
van Genuchten, M. *see* Bemelmans, T. 26268
van Genuchten, M. *see* Gal, R. 116
Van Gestel, H.C.J.M. Moisture permeability of thin type packages measured by on-chip sensors 30257
Van Gils, M.J., Cluitmans, P.J.M. Estimating the position of characteristic peaks in intra-operatively recorded auditory evoked potentials using artificial neural networks 59698
Van Gils, M.J., Conwit, R.A., Metter, E.J., Cluitmans, P.J.M. A data-acquisition system for combined EMG and strength measurements in research on age-associated changes in the neuromuscular system 59717
Van Ginkel, F.C. *see* Geraets, W.G.M. 49566
Van Ginneken, A. *see* Mokhov, N.V. 18068
Van Ginneken, A. *see* Palmer, R.B. 17924
Van Ginneken, A. *see* Palmer, R.B. 17966
Van Ginneken, A.C.G. *see* Wilders, R. 49721
Van Ginneken, L.P.P.P. *see* Otten, R.H.J.M. 11130
van Ginneken, L.P.P.P. *see* Shih-Chieh Chang 11098
Van Godbold, C., Sankaran, V.A., Hudgins, J.L. Thermal analysis of high-power modules 21481
Van Goer, K.A. *see* Blossfield, K.M. 1879
Van Gool, L. Invariants and fixed structures lead the way to change 15887
van Gool, L. *see* Carlsson, S. 25541
Van Gool, L. *see* Pollefeys, M. 5090
Van Gool, L. *see* Proesmans, M. 5610
Van Gool, L. *see* Proesmans, M. 25494
Van Gool, L. *see* Proesmans, M. 56654
Van Gool, L.J. *see* Pauwels, E.J. 5419
van Goor, F.A. *see* Hofmann, T. 13933
van Goor, F.A. *see* Hofstra, R.M. 14235
Van Gorkom, G.G.P. Introduction to Zeus displays 58934
van Gorkom, G.G.P., Baller, T.S., Dessens, P.A., Hendriks, B.H.W., Lambert, N., Ligthart, H.J., Montie, E.A., Thomas, G.E., Trompenaars, P.H.F., de Zwart, S.T. Flat thin CRT based on controlled electron transport through insulating structures 41802
Van Gorkom, G.G.P. *see* De Zwart, S.T. 53949
Van Gorkom, G.G.P. *see* Hendriks, B.H.W. 53948
Van Gorkom, G.G.P. *see* Hendriks, B.H.W. 58937
Van Gorkom, G.G.P. *see* Lambert, N. 58936
Van Gorkom, G.G.P. *see* Lambert, N. 58939
van Graas, F. Requirements on GNSS for civil navigation 8263
van Graas, F. Signals integrity 8283
van Graas, F. GNSS augmentation for high precision navigation services 8284
Van Griethuysen, V. *see* Issacci, F. 28575
Van Grinsven, P.A.M. *see* Van Driel, C.-J.L. 17086
van Gysen, H., Coleman, R. On the satellite altimeter crossover problem 48893
van Haaren, B. *see* Plana, R. 32379
Van Haaren, M. *see* Arai, Y. 37267
van Haaren, M. *see* Arai, Y. 37268
van Haesendonck, C. *see* Bruynseraede, Y. 32920
Van Haesendonck, C. *see* Milants, K. 42370
van Haesendonck, C. *see* Vantomme, A. 40553
Van Hagan, T.H., Smith, J.N., Jr., Schuller, M. Thermionic/AMTEC cascade converter concept for high efficiency space power 18688
van Hal, R.E.G., Bergveld, P., Engbersen, J.F.J. Fabrication and packaging of mesa ISFETs 12914
van Hall, P.J. *see* Christianen, P.C.M. 2232
Van Hall, P.J. *see* Rongen, R.T.H. 40431
van Ham, F.P.G.M. *see* van Dam, C. 33060
van Ham, F.P.G.M. *see* van Dam, C. 33096
Van Ham, F.P.G.M. *see* Van Dam, C. 47980
van Haren, R.J.F., de Lange, W., Blom, F.A.P., Wolter, J.H. Imaging of edge channels in the integer quantum Hall regime by the lateral photoelectric effect 12475
van Hassel, J.G. Dry processing of GaAs-based MESFETs and pseudomorphic HFETs 2721
Van Haute, S., Malfait, A., Meynants, G., Reekmans, R., Belmans, R. Influence of switching frequency and squirrel cage design on audible noise and losses in variable speed induction motor drives with transistor and IGBT inverters 61126
Van Hecke, J. *see* Lekane, Th. 28826
Van Hecke, P. *see* Britton, C.L., Jr. 59321
Van Hecke, T., Van Daele, M., Vanden Berghe, G., De Meyer, H. A mono-implicit Runge-Kutta-Nystrom modification of the Numerov method 30644
van Heerden, S.P., Klopper, W., Prinsloo, F.J., Forbes, A. The influence of finite absorption in transmission optics on the propagation of high average-power pulsed CO_2-laser beams 55802
van Heesewijk, H.P.M., van der Graaf, Y., de Valois, J.C., Vos, J.A., Feldberg, M.A.M. Chest imaging with a selenium detector versus conventional film radiography: A CT-controlled study 37643
Van Helleputte, H.R.J.R. *see* Frijlink, P.M. 43133
van Hemel, N.M. *see* Linnenbank, A.C. 59724
van Herk, M. *see* Boellaard, R. 8206
Van Herle, J. *see* Yokokawa, H. 51537
Van Heuveln, F.H., Bouwmeester, H.J.M. Electrode properties of Sr-doped $LaMnO_3$ on yttria-stabilized zirconia. II. Electrode kinetics 41766
Van Hoeij, M. Rational solutions of the mixed differential equation and its application to factorization of differential operators 21022
Van Hoeij, M. Computation of the integral basis of an algebraic function field and application to the parameterization of algebraic curves 30586
Van Hoeij, M. Rational parametrizations of algebraic curves using a canonical divisor 52385
Van Hoof, C., Genoe, J., Borghs, G. Resonant tunnelling light-emitting diodes 13887
van Hoof, C. *see* de Boeck, J. 30825
Van Hoogenbemt, S. *see* Adriaensen, K. 16456
Van Hook, D. *see* Kasales, C.J. 59455
Van Horn, M.H., Snyder, W.E., Braden, G.A., Herrington, D.M. 3-D intracoronary ultrasound surface detection using the "thin-plate" model 28304
Van Houdt, J. *see* De Blauwe, J. 41148
Van Houdt, J. *see* Montanari, D. 1373
van Houten, J.M., Herben, M.H.A.J. The bandwidth of Fresnel-zone plate antennas 34321
Van Houtte, B. The liberalisation of telecommunication services and infrastructure 16207
Van Hove, A. *see* Jarmolik, A. 55200
Van Hove, H. *see* Scheunders, P. 15565
Van Hove, J.M., Hickman, R., Klaassen, J.J., Chow, P.P., Ruden, P.P. Ultraviolet sensitive visible blind GaN photodiodes fabricated by molecular beam epitaxy 52686
Van Hove, M. *see* Baeyens, Y. 53659
Van Hove, M. *see* Menozzi, R. 21914
Van Huffel, S. *see* Dologlou, I. 45758
Van Huffel, S. *see* Hua Chen 25131
Van Huffel, S. *see* Hua Chen 56580
Van Huffel, S. *see* Lemmerling, P. 530
van Hutten, P.F. *see* Hadziioannou, G. 32985
van Hutten, P.F. *see* Veenstra, S.C. 23682
Van Inge, A. *see* Beemster, M. 41243
van Kaick, G. *see* Knopp, M.V. 8010
van Kasteren, J.M.N. Interdisciplinary teaching within engineering education 30035
Van Keer, R., De Schepper, H. Finite element approximation for 2nd order elliptic eigenvalue problems with nonlocal boundary or transition conditions 30669
Van Keer, R. *see* Kacur, J. 40283
Van Keersop, A.T.M.H. *see* Hendriks, B.H.W. 58937
Van Kemenade, A.J. *see* Vandamme, L.K.J. 10203
van Kemenade, C.H.M., van der Akker, J.M., Kok, J.N. Evolutionary air traffic flow management for large 3D-problems 18752
van Kempen, G.M.P. *see* Kano, H. 27582
Van Kempen, L. *see* Verbandt, Y. 58798
Van Kerckhove, J.-F., Spruyt, P. Adapted optimization criterion for FDM-based DMT-ADSL equalization 6362
van Keulen, M. *see* Drabarek, P. 17328
Van Keuren, E. *see* Matsuda, H. 55836
Van Khoi Le *see* Le Van Khoi
Van Koetsem, J. *see* Vetter, P.J. 13603
van Konynenburg, P. An advanced sealed packaging technology for the protection of electronics in outdoor environments 52260
Van Kranenburg, H., Van Corbach, H.D., Woerlee, P.H., Lohmeier, M. W-CMP for sub-micron inverse metallisation 42636
van Kreveld, M. *see* van de Kraats, B. 41598
van Kuijk, D. *see* Wittenburg, P. 15026
Van Landegem, T. *see* Campos Flores, A. 47294
van Landuyt, J. *see* Frangis, N. 31886
Van Landuyt, J. *see* Nistor, L.C. 40644
van Leeuwen, F. Groupware and workflow, much of a muchness (?) 26269
van Leeuwen, W.J.D., Huete, A.R., Jia, S., Walthall, C.L. Comparison of vegetation index compositing scenarios: BRDF versus maximum VI approaches 8300
van Leewen, P. *see* Bettermann, H. 59595
van Liempd, G. *see* Franken, L.J.N. 5950

van Lier, J., Seeger, M., Kronmueller, H. Magnetic and microstructural properties of melt-spun FeGaSmC permanent magnets 55023
van Lierop, J. *see* Terentiev, A.N. 43874
van Lieshout, L.A.E. 800 kW four quadrant amplifier with large full signal bandwidth and low ripple consisting of IGBT's and active filter 51369
van Lieshout, M., Mol, A.-L. Holland for gold on the superhighway: a fairy-tale? 26125
Van Lieu, N. *see* Baouchi, W. 10858
van Lingen, A. *see* van Dieren, E.B. 37916
van Loenen, E.J. *see* Fastenau, R.H.J. 3248
van Lonkhuijzen, J. *see* Steinman, A. 33816
Van Luinen, S., Budrikis, Z.L., Cantoni, A. The controlled cell transfer capability 47072
Van Luinen, S. *see* Budrikis, Z. 26172
Van Lummel, R.C. *see* Veltink, P.H. 18214
van Maaren, H., Terlaky, T. Inverse barriers and CES-functions in linear programming 30516
Van Meerdervort, H.F.Pompe *see* Pompe Van Meerdervort, H.F.
van Meijl, F. *see* van Dijk, P. 11806
van Meirhaeghe, R.L. *see* Everaert, J.L. 2229
Van Meirhaeghe, R.L. *see* Poelman, D. 44267
Van Mele, I. *see* Spaepen, A. 6324
Van Meter, R. *see* Finn, G.G. 16252
Van Mieghem, P. The asymptotic behavior of queueing systems: large deviations theory and dominant pole approximation 57608
Van Moorleghem, W. *see* Trombert, S. 11917
van Mulbregt, P. *see* Peskin, B. 14921
van Mullem, C.J., Janssen, W.J.G.D., de Vreede, J.P.M. Evaluation of the calculable high frequency ac/dc standard 27312
Van Multekom, A. *see* Jianying Li 7911
Van Name, J. *see* Pigini, A. 8923
Van Neste, R. *see* Morin, A. 20186
Van Nifterik, L. *see* Lessard, M.C. 19803
Van Nifterik, L. *see* Lessard, M.C. 43540
van Norren, D. *see* Delint, P.J. 28296
Van Nuffelen, D. Some reflections on anthropology of the risk of radiation 18579
van Oerle, B.M. *see* Bisero, D. 12067
Van Oerle, B.M. *see* Bisero, D. 41743
van Oerle, B.M. *see* Verschuur, J.W.J. 14202
van Oerle, B.M. *see* Witteman, W.J. 55743
van Ommen, J.G. *see* Berger, R.J. 19980
van Ooijen, M. *see* Tao Guo 19527
Van Oorschot, P. *see* Rogoff, R. 2501
van Oosterom, A. Modeling the cardiac electric field 49651
van Oosterom, A. *see* Hoekema, R. 49691
van Oosterom, A. *see* Huiskamp, G. 59669
van Opstal, M. Software development in the telecom industry 46863
van Ormondt, D. *see* Dologlou, I. 28259
Van Ormondt, D. *see* Dologlou, I. 45758
Van Overloop, J., Philips, W., De Neve, P. A comparison of DCT-like transform coders for medical images 59551
Van Overloop, J. *see* De Neve, P. 15610
Van Overloop, J. *see* Philips, W. 15629
Van Overstraeten, R. *see* Ghannam, M. 61085
Van Oyen, M.P., Teneketzis, D. Optimal batch service of a polling system under partial information 10254
Van Petegem, W.E.A., James, C.R., Vermeulen, F.E., Robinson, A.M. Numerical analysis of near-infrared wave propagation characteristics in dielectric-coated parallel planar microstructural waveguides 45325
Van Putten, A. *see* Mullins, M. 36485
van Putten, A.F.P., van Putten, M.J.A.M., van Putten, M.H.P.M. Silicon thermal anemometry: developments and applications 17251
van Putten, A.F.P. *see* van Putten, M.J.A.M. 28072
van Putten, M.H.P.M. *see* van Putten, A.F.P. 17251
van Putten, M.H.P.M. *see* van Putten, M.J.A.M. 28072
van Putten, M.J.A.M., van Putten, M.H.P.M., van Putten, A.F.P., Pompe, J.C., Bruining, H.A. A silicon bidirectional flow sensor for measuring respiratory flow 28072
van Putten, M.J.A.M. *see* van Putten, A.F.P. 17251
Van Puymbroeck, J. *see* Beyne, E. 52261
Van Puymbroeck, J. *see* Owen, M. 11908
Van Raap, M.B.F. *see* Desimoni, J. 12643
Van Reeth, F. *see* Flerackers, E. 5967
van Renesse, R. *see* Friedman, R. 5690
van Renesse, R. *see* Rodrigues, L. 5847
van Rensburg, P.A.Janse *see* Janse van Rensburg, P.A.
van Renterghem, P. *see* de Soete, G. 25947
van Rijn, C., van der Wekken, M., Nijdam, W., Elwenspoek, M. Deflection and maximum load of microfiltration membrane sieves made with silicon micromachining 43388
Van Rijs, F., Bertonnaud, S., Vanoppen, R., Dekker, R. RF power large signal modeling with MEXTRAM 21922
van Rijsingen, P.C. *see* Hageman, P.R. 38978
Van Riper, K.A., Metzger, R.L. MCNP studies of doses from clinical X-ray procedures 8218
van Roermund, A.H.M. *see* Mulder, J. 1647
van Roermund, A.H.M. *see* Mulder, J. 21837
van Roermund, A.H.M. *see* Mulder, J. 31147
Van Roermund, A.H.M. *see* Serdijn, W.A. 48268
van Roermund, A.H.M. *see* Verhoeven, C.J.M. 31152
van Roermund, A.H.M. *see* Westra, J.R. 32762
van Roermund, A.H.M. *see* Westra, J.R. 40958
van Roermund, H.M. *see* Mulder, J. 31365
Van Roey, F. *see* Goethals, A.M. 2523
Van Rompaey, K. *see* Bolsens, I. 47746
Van Rompaey, K. *see* Lin, B. 52943
Van Rompay, P.A., Liu, X., Singh, R.K., Pronko, P.P. Surface-related phase changes and structure modifications in silicon with ultrafast laser pulses 22218
van Roosmalen, J.A.M., Tool, C.J.J., Huiberts, R.C., Beenen, R.J.G., Huijsmans, J.P.P., Sinke, W.C. Ceramic substrates for thin-film crystalline silicon solar cells 39028
van Roosmalen, P.M.B., Westen, S.J.P., Lagendijk, R.L., Biemond, J. Noise reduction for image sequences using an oriented pyramid thresholding technique 56926
Van Rooyen, P., Solms, F. DPSK performance of a Nakagami faded DS/SSMA system with diversity 16601
van Rosmalen, G.E. *see* Put, P.L.M. 43916
Van Rossum, M. The future of microelectronics: evolution or revolution? 13061
Van Rossum, M. *see* Baeyens, Y. 53659
Van Rossum, W. *see* Adam, A. 37280
Van Rossum, W. *see* Berdugo, J. 37448
van Roy, W. *see* de Boeck, J. 30825
Van Roy, W. *see* Miyanishi, S. 43651
van Ruymbeke, G., Enz, C.C., Krummenacher, F., Declercq, M. A BiCMOS programmable continuous-time filter using image-parameter method synthesis and voltage-companding technique 41300
Van Sark, W.G.J.H.M., Meiling, H., Bezemer, J., Von der Linden, M.B., Schropp, R.E.I., Van der Weg, W.F. Inhomogeneities in PECVD deposited a-Si:H films induced by a spacing between substrate and substrate holder 41828
van Sark, W.G.J.H.M. *see* Meiling, H. 39153
van Sas, J., Swerts, U., Darquennes, M. Towards an effective I_{DDQ} test vector selection and application methodology 40969
van Schaik, A., Fragniere, E., Vittoz, E. Improved silicon cochlea using compatible lateral bipolar transistors 53486
Van Schaik, F.A. *see* Arreguit, X. 17538
van Schaik, W. *see* Evans, D.R. 13825
van Schaik, W. *see* Raukas, M. 13823
van Schijndel, N.H., Thijssen, J.M., Oostendorp, T.F., Cuypers, M.H.M., Huiskamp, G.J.M. The inverse problem in electroretinography: a study based on skin potentials and a realistic geometry model 28357
Van Sciver, S.W., Welton, S.J., Bartholomew, K., Gorbunov, M., Miller, J.R., McIntosh, G.E., Bon Mardion, G., Viargues, F., Balcer, D., Kreinbrink, K. Design, development and testing of the cryogenic system for the 45-T Hybrid 43854
van Sciver, S.W. *see* Baudouy, B.J.P. 43845
van Sciver, S.W. *see* Gorbounov, M.B. 43843
Van Sciver, S.W. *see* Maekawa, R. 32947
van Sciver, S.W. *see* Shoaff, P.V., Jr. 43847
Van Sciver, S.W. *see* Welton, S.J. 43855
Van Scyoc, J. *see* McGregor, D.S. 37313
van Scyoc, J.M., James, R.B., Burger, A., Soria, E., Perrino, C., Cross, E., Schieber, M., Natarajan, M. Electrodrift purification of mercuric iodide for improved gamma-ray detector performance 37305
Van Scyoc, J.M., James, R.B., Schlesinger, T.E., Gilbert, T.S., Schieber, M. Characterization of silver impurities in mercuric iodide and their relationship to γ-ray-detector performance 18123
Van Scyoc, J.M., Lund, J.C., Morse, D.H., Antolak, A.J., Olsen, R.W., James, R.B., Schieber, M., Yoon, H., Goorsky, M.S., Toney, J., Schlesinger, T.E. Material inhomogeneities in $Cd_{1-x}Zn_xTe$ and their effects on large volume gamma-ray detectors 7837
van Scyoc, J.M. *see* Brunett, B.A. 37310
Van Scyoc, J.M. *see* Medlin, D.L. 37336
Van Scyoc, J.M. *see* Schieber, M. 7805
Van Scyoc, J.M. *see* Schlesinger, T.E. 37554
van Scyoc, J.M. *see* Toney, J.E. 37317
Van Sickle, G.A. Allied air identification 60147
van Sinderen, M.J. *see* Quartel, D.A.C. 47176
Van Slambrook, G.A., Holloway, D.P. Satellite applications in virtual reality 6673
Van Slooten, U., Duine, P.A. Scanning Auger measurements of activated and sputter cleaned Re-coated scandate cathodes 53901
Van Slooten, U. *see* Van der Gon, A.W.D. 53908
Van Slooten, U. *see* Zagwijn, P.M. 53903
Van Slyke, M.A. *see* Hopper, K.D. 7937
Van Snyder, W. Remark on algorithm 723: Fresnel integrals 30621
van Son, P. *see* Schneider, H. 48526
van Spaandonk, J., Kevenaar, T.A.M. Selecting measurements to test the functional behavior of analog circuits 22923
Van Speybroeck, L. *see* Romaine, S.E. 28538
van Steenbergen, A., Gallardo, J., Sandweiss, J., Babzien, M., Fang, J.-M., Qiu, X., Skaritka, J., Wang, X.-J. IFEL first experimental results of the BNL inverse free electron laser accelerator 49031
van Steenberghe, D. *see* Spaepen, A. 6324
van Stevendaal, U., Buse, K., Kaemper, S., Hesse, H., Kraetzig, E. Light-induced charge transport processes in photorefractive barium titanate doped with rhodium and iron 3579
Van Stralen, M.J.N., Blok, H., De Hoop, M.V. Design of sparse matrix representations for the propagator used in the BPM and directional wave field decomposition 55248
van Stralen, M.J.N., de Hoop, M.V., Blok, H. Numerical implementation of the Bremmer coupling series 23552
Van Stralen, M.J.N., Haak, K.F.I., Blok, H. On the classification of discrete modes in lossy planar waveguides: the modal analysis revisited 55250
Van Stryland, E.W. *see* Assanto, G. 55858
Van Stryland, E.W. *see* Buck, P. 24214
Van Stryland, E.W. *see* Bum Ku Rhee 24065
Van Stryland, E.W. *see* Dogariu, A. 24224
Van Stryland, E.W. *see* Said, A.A. 24227
Van Stryland, E.W. *see* Xia, T. 4092
Van Stryland, E.W. *see* Xia, T. 24226
van Tartwijk, G.H.M., Agrawal, G.P. Nonlinear dynamics in the generalized Lorenz-Haken model 14173
van Tartwijk, G.H.M., Essiambre, R., Agrawal, G.P. Dispersion-tailored active-fiber solitons 33649
van Tartwijk, G.H.M. *see* Marciante, J.R. 33571
van Tartwijk, G.H.M. *see* Martin-Regalado, J. 33482
Van Tendeloo, G. *see* Milants, K. 42370
Van Tendeloo, G. *see* Verbist, K. 43795
van Tichelen, P., Weyen, D., Meynen, G. Test results from high intensity discharge lamps with current supplied at 50 Hz, 400 Hz and modulated between 15 and 35 kHz 39388
van Tiggelen, B.A. *see* Rikken, G.L.J.A. 24494
van Tilborg, H. *see* Verheul, E. 24784
van Tonder, J.C., Lane, I.E. A load model to support demand management decisions on domestic storage water heater control strategy 20253
Van Trees, H.L. *see* Bell, K.L. 4642
Van Trees, H.L. *see* Bell, K.L. 4682
Van Trees, H.L. *see* Bell, K.L. 25030
Van Trees, H.L. *see* Bell, K.L. 34857
Van Trung, T. *see* Mathon, R. 40035
van Tulder, F.A. System method for Communications Navigation Surveillance/Air Traffic Management (CNS/ATM) development and integration 59922
Van Tuyen, V. *see* Kovacs, B. 32237
Van Tuyl, R.L. Unlicensed millimeter wave communications. A new opportunity for MMIC technology at 60 GHz 36306
Van Tuyl, R.L. *see* Madden, C.J. 31531
Van Uffelen, M., Kotrotsios, G., Depeursinge, Y., Michel, J.B. Anchoring points for fibre optic strain sensors 58780
van Vaals, J.J. *see* Bakker, C.J. 28168
van Vaerenbergh, P. *see* Chavanne, J. 7724
van Veen, A., Schut, H., Rivera, A., Fedorov, A.V. Growth of vacancy clusters during post-irradiation annealing of ion implanted silicon 12182
Van Veen, A. *see* Schut, H. 42359
Van Veen, B.D. *see* Andre, T.F. 25153
Van Veen, B.D. *see* Andre, T.F. 45746
Van Veen, B.D. *see* Nowak, M.P. 4906
Van Veen, B.D. *see* Nowak, R.D. 34783
Van Veen, B.D. *see* Sebald, D.J. 25014
van Veen, N. A simple mathematical model for liquid solder bumps 20846
Van Veen, R.G., Teepen, M.J., Van der Drift, E., Zijlstra, T., Fakkeldij, E.J.M., Werner, K., Verbruggen, A.H., Radelaar, S. Chemical vs. physical factors in dry etching induced damage in the Si/Ge_xSi_{1-x} system 42496
Van Velthoven, P. *see* Delage, D. 60053
Van Vinckenroy, G. *see* Verbandt, Y. 58798
Van Vleck, E.S. Traveling waves, propagation failure, and anisotropy for spatially discrete reaction diffusion equations 620
Van Vleck, E.S. *see* Dieci, L. 40131
van Vliet, F.E. *see* Sun, Y. 53711
Van Vliet, F.E. *see* Tieman, T.C.B. 53658
van Vreeswijk, C. Partial synchronization in populations of pulse-coupled oscillators 21516
van Waasen, S., Umbach, A., Auer, U., Back, H.-G., Bertenburg, R.M., Mekonnen, G.G., Passenberg, W., Reuter, R., Schlaak, W., Schramm, C., Unterborsch, G., Wolfram, P., Tegude, F.J. 27 GHz bandwidth high speed monolithic integrated optoelectronic photoreceiver consisting of a waveguide fed photodiode and an InAlAs/InGaAs-HFET-traveling wave amplifier 47939
van Waasen, S. *see* Bach, H.-G. 47952
van Waasen, S. *see* Bertenburg, R.M. 53047
van Waasen, S. *see* Umbach, A. 3650
van Waasen, S. *see* Umbach, A. 6867
van Waes, P.F.G.M. *see* Puylaert, C.B.A.J. 7915
Van Way, R.L., Williams, R.O., Johnstone, P.A.S., Papin, P.J. Beam flatness perturbation effects of a perforated thermoplastic immobilization device on 6 and 12 MeV electron beams 49766
van Wechel, R.J., Jarell, R.P. Application of GPS to hybrid integrated ranges and simulations 16998
van Weelderen, R. *see* Bezaguet, A. 49013
van Weelderen, R. *see* Gerin, G. 49081
van Weeren, R. *see* Ballato, J. 23714
Van Weert, A.A.M. *see* Young, E.W.A. 58941
van Wees, B.J. *see* den Hartog, S.G. 13504
van Wees, B.J. *see* Morpurgo, A.F. 42488

Van Welle, G. Substation automation: set long term objectives now 19924
van Werkhoven, G.H.C. *see* Weits, H.H. 33589
van Wesenbeeck, M.P.N. *see* Paulussen, R.M. 51237
Van Wezel, L. *see* Roberts, H.K. 141
Van Wie, B.J. *see* Yong-Yi Yu 58860
van Wieringen, N., van Dijk, J.D.P., Nieuwenhuys, G.J., Snel, C.E., Cetas, T.C. Power absorption and temperature control of multi-filament palladium-nickel thermoseeds for interstitial hyperthermia 8135
van Wijngaarden, A.J. *see* Morita, H. 24718
Van Wingerden, J., Van Dam, A., Haye, M.J., Scholte, P.M.L.O., Tuinstra, F. Room-temperature growth of submonolayers of silicon on Si(001) studied with scanning tunneling microscopy 41863
van Woerkom, P.T.L.M. *see* Chu, Q.P. 18607
van Woerkom, T.C.A.M. *see* Stam, C.J. 18411
Van Woersem, R.J. *see* Polley, R. 28438
Van Wonterghem, B.M., Wegner, P.J., Lawson, J.K., Auerbach, J.M., Henesian, M.A., Barker, C.E., Thompson, C.E., Widmayer, C.C., Caird, J.A. Recent performance results of the National Ignition Facility Beamlet demonstration project 24047
Van Wonterghem, B.M. *see* Widmayer, C.C. 23873
van Wyk, D.J., Linde, L.P. Hybrid block-convolutional rate-½ coding strategy for constant envelope (CE)Q^2PSK 4524
van Wyk, G.N. *see* Taglauer, E. 40663
Van Wyk, J.D. Present and future trends in power electronic converters 51202
van Wyk, J.D. *see* Campbell, C.K. 11778
van Wyk, J.D. *see* de Rooij, M.A. 38843
van Wyk, J.D. *see* Janse van Rensburg, P.A. 38846
van Wyk, J.D. *see* Mors, W. 51767
Van Wyk, J.D. *see* Shaw, I.S. 20183
van Wyk, J.D. *see* Swart, P.H. 38230
van Wyk, J.Daan *see* Daan van Wyk, J.
Van Wyk, L., Holtzhausen, J.P., Vosloo, W.L. Relation between surface conductivity, leakage current and humidity on ceramic insulators 19379
Van Zanten, A.J. Lexicographic order and linearity 45556
Van Zeghbroeck, B. *see* Patterson, J. 44068
van Zeijts, J. *see* Hovater, C. 49131
van Zijl, P.C.M. *see* Amari, S. 49466
van Zuidam, R. *see* Xiaojun Yang 18776
van Zuijlen, M.C.A. *see* De Jager, N.G. 40028
van Zwet, E.J., Zandbergen, H.W. Measurement of the modulation transfer function of a slow-scan CCD camera on a TEM using a thin amorphous film as test signal 31731
van Zyl, A. Review of the zebra battery system development 29585
Van Zyl, A., Enslin, J.H.R., Spee, R. Converter-based solution to power quality problems on radial distribution lines 28875
van Zyl, A. *see* Bhowmik, S. 29445
van Zyl, G.J.J. The effect of device modeling on a parameter switching continuation method used in waveform balance simulations 52998
van Zyl, J. *see* Kim, Y. 8308
van Zyl, J.J. *see* Freeman, A. 16908
Van Zyl, J.J. *see* Rostan, F. 8558
van Zyl, J.J. *see* Treuhaft, R.N. 18812
Van Zyl, R.R., Perold, W.J., Conradie, G. The application of the Monte Carlo method to semiconductor simulation 12863
Van Zytveld, J.B. *see* Schnyders, H.S. 31777
Van-Dat Cung, Mautor, T., Michelon, P., Tavares, A. A scatter search based approach for the quadratic assignment problem 52520
Vanacken, J. *see* van Bockstal, L. 4208
VanBaren, P., Kluiwstra, J.-U., Seip, R., Zhang, Y., Ebbini, E.S., Cain, C.A. 2D large aperture ultrasound phased arrays for hyperthermia cancer therapy: design, fabrication and experimental results 18519
VanBaren, P. *see* Hong Wan 8104
VanBaren, P. *see* Hong Wan 28421
VanBaren, P. *see* Kluiwstra, J.-U. 28418
VanBaren, P. *see* Seip, R. 28201
Vanbotsele, R. *see* Zaidi, M. 37818
Vanca, V., Schlett, Z., Dinu, M., Enache, V. Silicon tubes for microelectronic applications grown directly from the melt 21217
Vanca, V., Schlett, Z., Dinu, M., Enache, V. Aspects refering to the control of crystal growth process by electrically modifying the interface tension 21218
Vanca, V., Schlett, Z., Dinu, M., Enache, V. Distribution improvement for main impurity, oxygen and carbon concentration in Czochralski silicon single crystals 41896
Vancouvering, K. *see* Nichols, A. 6045
Vancu, A. *see* Ionescu, R. 48745
Vandaele, P. *see* Haelvoet, K. 24573
Vandam, L. *see* Peeters, J. 6413
Vandamme, L.K.J., Van Kemenade, A.J. Resistance noise measurement: a better diagnostic tool to detect stress and current induced degradation 10203
Vande Voorde, P. Simulated transient behavior of partially depleted 0.18 μm SOI n-MOSFET 12940
Vande Voorde, P. *see* Cao, M. 22814
Vandecasteele, F., Guillaud, X., Degobert, P. Optimisation of switches control of three-phase inverter fed single-phase induction motor 60757
Vandegrift, G.F. *see* Daojie Dong 19487
Vandelli, N. *see* Bifano, T.G. 54855
Vandelli, N. *see* Krishnamoorthy Mall, R. 43417
Vandeloise, R. *see* Vander Donckt, E. 7478
Vandemark, D. *see* Kerbaol, V. 38092
Vanden Berghe, G. *see* Van Hecke, T. 30644
Vanden Berghe, R. *see* Vrana, M. 1890
Vanden Bout, P.A., Haynes, M.P. Future prospects with the Arecibo and Green Bank telescopes 58513
VandenBerg, N., Sheen, D., Shackman, S., Wiseman, D. P-3 ultra-wideband SAR: system applications to foliage penetration 8344
VandenBerg, N.L. *see* Sheen, D.R. 19021
Vandenberghe, G. *see* Kim, K.-H. 2549
Vandenberghe, G. *see* Yen, A. 22738
Vandenberghe, L. *see* Shao-Po Wu 34967
Vandenberghe, S. *see* De Win, E. 4553
Vandenbossche, J.L. *see* Carlier, S. 37690
Vandendorpe, L., Delogne, P., Maison, B., Cuvelier, L. MMSE design of interpolation and down-sampling FIR filters in the context of periodic nonuniform sampling 56561
Vandendorpe, L., Maison, B., Labeau, F. An adaptive transform approach for image compression 46355
Vandendorpe, L., Van de Wiel, O. Decision feedback multi-user detection for multitone CDMA 34807
Vandendorpe, L. *see* Cuvelier, L. 46351
Vandendorpe, L. *see* Cuvelier, L. 57023
Vandendorpe, L. *see* van de Wiel, O. 5810
Vandenput, A. *see* Blaschke, F. 29214
Vandenput, A. *see* van der Burgt, J. 61198
Vandenput, A.J.A. *see* Bosga, S.G. 61192
Vandeputte, K. *see* Jarmolik, A. 55200
Vander Donckt, E., Camerman, B., Herne, R., Vandeloise, R. Fibre-optic oxygen sensor based on luminescence quenching of a Pt(II) complex embedded in polymer matrices 7478
Vander Kam, R.A., Ping Wah Wong Edge enhancement in clustered-dot dithering 57001
Vander Velde, C. *see* Lemonne, J. *(editor)* 20329
Vander Vorst, A. Belgian state-industry-university cooperation in the field of Earth stations 16643
Vanderbauwhede, W., Zhang, X., Moerman, I., Demeester, P. Growth and characterization of InAlGaAs(P)/InGaAs(P) MQW structures 52662
Vanderbeck, F., Wolsey, L.A. An exact algorithm for IP column generation 10337
Vanderberg, B.H., Nilsson, J.O., Eninger, J.E. Matching of an inductive storage pulsed power generator to a nonlinear gas discharge load for ozone production 9440
Vanderbilt, D. *see* Bosin, A. 12263
Vanderbilt, D. *see* Satta, A. 12265
Vanderbilt, V. *see* Breon, F.-M. 50032
Vandergheynst, P. *see* Antoine, J.-P. 5233
Vandergheynst, P. *see* Antoine, J.-P. 56799
Vandergriff, D.H. *see* Arai, Y. 37267
Vandergriff, D.H. *see* Arai, Y. 37268
Vanderhaegen, F. Multilevel organization design: the case of the air traffic control 49956
Vanderheiden, G.C. *see* Schaab, J.A. 17709
Vanderle, K.A., Porter, R.B., Kulterman, R.W., Chalco, P.A. Lasersonic bonding of TAB components to epoxy-glass circuit boards 39785
Vanderlinde, W.E., Von Benken, C.J., Crockett, A.R. Rapid integrated circuit delayering without grass 42599
VanderMeer, D.E. *see* Datta, A. 57863
Vandermeulen, D., Descombes, X., Suetens, P., Marchal, G. Unsupervised regularized classification of multi-spectral MRI 18385
Vandermeulen, D. *see* Maes, F. 49546
Vanderperre, E.J., Vannakrairojn, S., Makhanov, S.S. A delay-differential equation related to a renewable parallel system 39939
Vandersande, J.W., Fleurial, J.-P. Thermal management of power electronics using thermoelectric coolers 31118
Vanderschaeghe, A. *see* Scheffknecht, G. 19556
Vanderschueren, J. *see* Thielen, A. 12599
Vanderschueren, J. *see* Thielen, A. 12600
Vanderschueren, J. *see* Thielen, A. 54312
Vandersteen, G. *see* Pintelon, R. 45747
Vanderveen, M.C., Papadias, C.B., Paulraj, A. Joint angle and delay estimation (JADE) for multipath signals arriving at an antenna array 26608
Vanderveen, M.C. *see* van der Veen, A.-J. 56537
Vandervoort, P.M. *see* Greenberg, N.L. 37689
Vandervorst, W. *see* Hantschel, T. 42589
Vandervorst, W. *see* Teerlinck, I. 42561
Vanderwerp, J.D. *see* Hull, E.L. 59351
Vandevelde, B. *see* Beyne, E. 52261
Vandeven, M. *see* Doganaksoy, N. 10050
Vandewalle, J. *see* De Lathauwer, L. 34751
Vandewalle, J. *see* De Win, E. 4553
Vandewalle, J. *see* Dehaene, J. 4658
Vandewalle, J. *see* Hua Chen 25131
Vandewalle, J. *see* Hua Chen 56580
Vandewalle, J. *see* Minten, W. 40080
Vandewege, J. *see* Coene, C. 6383
Vandewege, J. *see* Van Deventer, M.O. 26850
Vandewege, J. *see* Vetter, P.J. 13603
Vandiver, J.K. *see* Larsen, C.M. 38090
Vandlik, J. *see* Erdei, S. 43886
Vandormael, D., Grandjean, F., Bougrine, H., Ausloos, M., Middleton, D.P., Buschow, K.H.J., Long, G.J. An electrical resistivity study of $Ce_2Fe_{16.8}$ and the $Ce_2Fe_{17-x}Al_x$ and $Ce_2Fe_{17-x}Si_x$ solid solutions 32812
Vandorpe, D. *see* Djebali, M. 56776
Vandorpe, J., Xu, H., Van Brussel, H., Aertbelien, E. Positioning of the mobile robot LiAS using natural landmarks and a 2D range finder 27895
Vandrish, G. Ceramic applications in temperature sensing 36456
Vandrish, G. Ceramic applications in gas and humidity sensors 36730
Vandroogenbroek, M., Wuilmart, L., Megret, P., Blondel, M. Error probability computation in optical fiber links 6777
Vane, G. *see* Beauchamp, P.M. 59963
Vane, G. *see* Rodgers, D.H. 59861
Vanecek, D. *see* Wohlgemuth, J.H. 39157
Vanecek, D.L. *see* Westenskow, G.A. 49091
Vaneldik, J.F. *see* Smegal, R.J. 58514
Vang, T.A. *see* Lin, L.Y. 6866
Vangelista, L. *see* Ferrero, U. 26394
Vanghi, V., Vojcic, B. Two-stage multiuser detection with soft interference cancellation 34875
VanGoor, K.A. *see* Gravrok, R.J. 303
Vangrunderbeek, J. *see* Stephen, R. 27971
Vanhaeren, D. *see* Teerlinck, I. 42561
Vanhellemont, J. Giant grown-in octahedral inclusions in as-grown silicon: voids versus silicon oxide precipitates 21216
Vanhellemont, J. *see* Gaubas, E. 1973
Vanhellemont, J. *see* Ohyama, H. 22761
Vanhellemont, J. *see* Ohyama, H. 23685
Vanhellemont, J. *see* Ohyama, H. 42920
Vanhellemont, J. *see* Seifert, W. 31773
Vanhellemont, J. *see* Simoen, E. 12870
Vanhellemont, J. *see* Simoen, E. 22304
Vanheusden, A.K. *see* Warren, W.L. 3590
Vanheusden, K. *see* Warren, W.L. 23105
Vanheusden, K. *see* Warren, W.L. 44227
Vanhoenacker, D. *see* Colinge, J.P. 21918
Vanhoenacker, D. *see* Raskin, J.P. 11745
Vanhoenacker, D. *see* Raskin, J.P. 42985
Vanhoenacker, L., Crommelynck, Y., Houard, F., de Wergifosse, C., Espinosa, R.I. Validation of the Tihange 2 multifunctional Optimized Scope Simulator thermal-hydraulic models 9000
Vanhorebeek, G. *see* Montanari, D. 1373
VanHoru, D.A. *see* Kim, H.M. 37970
Vanhoy, G. *see* Sooriakumar, K. 27495
Vaniev, V. *see* Antipov, Yu. 37233
Vaninetti, F. *see* Cole, M.J. 48024
Vankar, V.D. *see* Barshilia, H.C. 10837
Vankar, V.D. *see* Srinivas, G. 54517
Vanke, V.A., Savvin, V.L. On some microwave physics research at Moscow State University and Russian Industries 1955
Vankka, J. Methods of mapping from phase to sine amplitude in direct digital synthesis 11207
Vankka, J. Spur reduction techniques in sine output direct digital synthesis 11208
Vankka, J. Methods of mapping from phase to sine amplitude in direct digital synthesis 53061
Van'ko, V.I. Arrangement of spacer-dampers in bundle-phase of overhead high-voltage lines 28907
Vankov, A.B. *see* Badziak, J. 23837
Vanlaer, P. Micro-strip gas counters: recent developments and use at the LHC 37297
VanLandingham, H.F., Huliehel, F.A. An RBFN-based system for speaker independent speech recognition 14961
Vanmaele, M. *see* Borzi, A. 40278
Vannakrairojn, S. *see* Vanderperre, E.J. 39939
Vannelli, A. *see* Areibi, S. 13068
Vannelli, A. *see* Leone, M. 26181
Vannelli, A. *see* Shi, C.-J.R. 11866
Vannelli, V. *see* Borghetti, A. 9098
Vanni, P. *see* Nava, F. 59213
Vanni, P. *see* Nava, F. 59280
Vannicola, V. *see* Adel Slamani, M. 36699
Vannicola, V. *see* Liggins, M.E., II 28587
Vannicola, V. *see* Slamani, M.A. 15935
Vannicola, V. *see* Slamani, M.A. 56649
Vannier, J.C. *see* Heller, C. 9212
Vannier, J.C. *see* Heller, C. 60732
Vannier, M.W. *see* Ge Wang 18376
Vannier, M.W. *see* Ge Wang 46166
Vannini, G. *see* Avitabile, G. 41464
Vannoorenberghe, P., Motamed, C., Blosseville, J.-M., Postaire, J.-G. Monitoring pedestrians in a uncontrolled urban environment by matching low-level features 25508
Vannotti, P. *see* Michie, C. 17454
Vannucci, G. *see* Meyer, M.J. 47740
Vanolo, M. *see* Arri, E. 27428
Vanolo, M. *see* Pavese, F. 55152
Vanoppen, R. *see* Van Rijs, F. 21922
Vanoverschelde, A. *see* Kropfeld, P. 41739
Vanpoucke, F., Jensen, S.H., Moonen, M. A persymmetric adaptive eigenfilter-bank for real data 15194
Vanpoucke, F.J., Moonen, M., Deprettere, E.F. Factored orthogonal transformations for recursive eigendecomposition 30615
Vanrell, M., Bitria, J., Roca, X. A multidimensional scaling approach to explore the behavior of a texture perception algorithm 46327
Vanroose, P. *see* Ruszinko, M. 25899

VanScyoc, J.M., III *see* Lund, J.C. 37557
Vanselow, K.H. *see* Sonnenschmidt, D. 17864
VanSlyke, S.A. *see* Williams, D.J. 3614
Vansteenkiste, G.C. *see* Lee, K.H. 46557
Vanstone, S.A. *see* Jungnickel, D. 24734
VanStryland, E.W. *see* Zuo Wang 33634
VanSumeren, H. *see* Meadows, G. 18883
Vanthemsche, F. *see* Snoeck, J. 50724
Vanthournout, B. *see* Schaumont, P. 31325
Vanti, M.G., Raizer, A., Marechal, Y. Optimal meshes and h-p adaptivity 44963
Vanti, M.G. *see* Zgainski, F.-X. 40272
Vantomme, A., Mahan, J.E., Langouche, G., Becker, J.P., van Bael, M., Temst, K., van Haesendonck, C. Thin film growth of semiconducting Mg_2Si by codeposition 40553
Vantomme, A., Wu, M.F., Wahl, U., de Wachter, J., Degroote, S., Pattyn, H., Langouche, G., Bender, H. Channeled ion beam synthesis: a new technique for forming high-quality rare-earth silicides 30744
Vantomme, A. *see* Donaton, R.A. 40388
Vantomme, A. *see* Jin, S. 40398
Vantomme, A. *see* Mahan, J.E. 22296
Vantomme, A. *see* Wu, M.F. 2315
Vantomme, A. *see* Wu, M.F. 42693
Vanttinen, H., Nousiainen, J., Malmivuo, J. Windows based system for electrophysiology studies of the heart 28316
Vanucci, A. *see* Michie, C. 17454
Vanwassenhove, L. *see* Haelvoet, K. 24573
Vanyakin, A.V., Zheleznov, V.I., Kulevskii, L.A., Lukashev, A.V., Morozov, N.P., Orlov, N.A. Interference optics for lasers and parametric oscillators emitting in the middle-IR range 44186
Vanzetti, L. *see* Calcagnile, L. 24116
Vanzetti, L. *see* Giugno, P.V. 22420
Vanzetti, L. *see* Tapfer, L. 22315
Vanzetti, L. *see* Yang, X. 54157
Vanzha, A.V., Silaev, A.M. Optimal estimation of pulse signals with random amplitudes and times of occurrence 45810
Vapnik, V. *see* Blanz, V. 15871
Vaqueiro, P., Crosnier-Lopez, M.P., Lopez-Quintela, M.A. Synthesis and characterization of yttrium iron garnet nanoparticles 13427
Vaquero, J.J., Santos, A., Perez, S., del Pozo, F. Efficient computation of amplitude and phase maps in nuclear medicine equilibrium-gated cardiac studies 37711
Varadan, S., Makram, E.B. Harmonic load identification and determination of load composition using a least squares method 28748
Varadan, V.K. *see* Tellakula, A.R. 58965
Varadan, V.K. *see* Young-Hun Lim 48437
Varadan, V.V. *see* Tellakula, A.R. 58965
Varadan, V.V. *see* Young-Hun Lim 48437
Varadarajan, M. *see* Smith, S.M. 42452
Varadarajan, M.G. *see* Carlsson, P. 22103
Varadarajan, S. *see* Hadizad, P. 60863
Varadarangan, K., Anand Kumar, K., Nair, N., Chowdhry, A. On the determination of the minimum scanning radius in probe-uncompensated spherical near field antenna measurements 4395
Varadarangan, K., Kurle, V.K., Prabhagaran, S., Shantaram, K.R. A high performance octave band corrugated feed for Cassegrain reflectors 4408
Varadharajan, V. Security for local area and wide area networked computer communications 47123
Varadharajan, V. Security in high speed networks 57818
Varadharajan, V. *see* Hitchens, M. 25921
Varadharajan, V. *see* Mu, Y. 26629
Varah, J.M. Least squares data fitting with implicit functions 10447
Varahramyan, K., Verret, E.J. A model for specific contact resistance applicable for titanium silicide-silicon contacts 2252
Varaksin, A.Yu., Polezhaev, Yu.V., Polyakov, A.F. Efficiency of amplitude selection of signals in a study of heterogeneous flows using a laser-Doppler anemometer 49006
Varani, L. *see* Nougier, J.P. 12853
Varani, L. *see* Reggiani, L. 32350
Varani, L. *see* Reggiani, L. 41952
Varanini, M., Pola, S., Emdin, M., Macerata, A., Cipriani, M., Marchesi, C. Effectiveness of adaptive filtering in cancelling the respiratory component from cardiovascular series 49389
Varanini, M. *see* Pola, S. 37592
Varanini, M. *see* Taddei, A. 49474
Varavin, V.S. *see* Buldygin, A.F. 33234
Varavin, V.S. *see* Ovsyuk, V.N. 17376
Varavin, V.S. *see* Ovsyuk, V.N. 36562
Varavin, V.S. *see* Susov, E.V. 33229
Varavin, V.S. *see* Voitsekhovskii, A.V. 36563
Vardaci, E. *see* Fioretto, E. 59283
Vardaci, E. *see* Scheurer, J.N. 59353
Vardaman, E.J. International developments in area array packaging 323
Vardaman, E.J., Crowley, R., Goodman, T. The market for ball grid array packages 10075
Vardaman, E.J., Crowley, R.T. MCM market: New applications in a mature industry? 1876
Vardaxoglou, J.C. Optical switching of frequency selective surface bandpass response 14743
Vardeny, Z.V. *see* Frolov, S.V. 3761
Varderkooy, G.E., McLean, G.F. Projective invariants and the correspondence problem 57239
Vardhan, H. *see* Verghese, M.M. 23579
Vardhan, H. *see* Verghese, M.M. 55309
Vardhani, C.P., Ethiraj, R. Electronic polarizabilities of ions in lithium tantalate ($LiTaO_3$) optical waveguide from natural birefringence data 3428
Vardman, E.J. *see* Goodman, T.W. 10128
Varduca, D.F., Olivotto, C.D., Selegean, H. Monitoring system for over-temperature detection of water cooled rotor poles of hydro electrical generators installed at the Danube River Iron Gates Power Plant 29134
Vardy, A., Kschischang, F.R. Proof of a conjecture of McEliece regarding the expansion index of the minimal trellis 24709
Vardy, A. *see* Forney, G.D., Jr. 24708
Vardy, A. *see* Lafourcade-Jumenbo, A. 34620
Vardy, A. *see* Yellia, D. 34589
Varela, F.J. *see* Pezard, L. 37767
Varela, J.A. *see* Bueno, P.R. 13052
Varela, J.A. *see* Leite, E.R. 938
Varela, J.A. *see* Muccillo, R. 21223
Varela, J.A. *see* Pianaro, S.A. 53704
Varela, P. *see* Silva, A. 7187
Varela, R. *see* Rudnick, H. 60294
Varelas, D., Limberger, H.G., Salathe, R.P. Enhanced mechanical performance of singlemode optical fibres irradiated by a CW UV laser 55196
Varelas, D. *see* Limberger, H.G. 23473
Varelas, D. *see* Limberger, H.G. 43984
Varelas, D. *see* Meyer, T. 3370
Varelas, D. *see* Meyer, T. 55209
Varelas, D. *see* Vasiliev, S.A. 13590
Varema, T. *see* Altosaar, M. 39092
Varentsov, M.D. *see* Khivrich, V.I. 28020
Varesi, J. *see* Luo, K. 48473
Varga, B. *see* Levendovsky, J. 35375
Varga, I. *see* Pogany, L. 23304
Varga, I.K. *see* Hartley, R.H. 10740
Varga, L.K., Kisdi-Koszo, E., Stroem, V., Rao, K.V. Thermomagnetic study of nanophases in Fe-based soft magnetic materials 23294
Varga, L.K. *see* Zbroszczyk, J. 23308
Varga, L.Z. *see* Skarek, P. 17899
Varga, R. *see* Vojtanik, P. 3069
Vargas, C.G. *see* Pena C., M.A. 59586
Vargas, H. *see* Cruz Orea, A. 12361
Vargas, H. *see* Cruz-Orea, A. 1968
Vargas, H. *see* Delgadillo, I. 31802
Vargas, M. *see* Delgadillo, I. 31802
Vargas, M. *see* Sanford, T.W.L. 7753
Vargas, R. *see* Unzueta, M. 26943
Vargas, V. *see* Landsberger, S. 37875
Vargas-Aburto, C. *see* Graham, A. 44098
Vargas-Aburto, C. *see* Rybicki, G. 39228
Vargas-Aburto, C. *see* Yamaguchi, M. 37975
Vargas-Vorack, R. *see* Floyd, C.E., Jr. 49447
Vargheese, K.D. *see* Panwar, N.S. 40655
Varghese, L., Unnithan, R.S., Jacob, J., Karnavar, M.G. Microcomputer based arrhythmia analyser 18435
Varghese, G. *see* Awerbuch, B. 46710
Varghese, P.L. *see* Raja, L.L. 33862
Varghese, T., Donohue, K.D., Chattejee, J.P. Specular echo imaging with spectral correlation 28107
Varghese, T., Ophir, J. Performance optimization in elastography: multicompression with temporal stretching 18344
Varghese, T., Ophir, J. Estimating tissue strain from signal decorrelation using the correlation coefficient [ultrasound imaging] 28226
Varghese, T., Ophir, J., Cespedes, I. Noise reduction in elastograms using temporal stretching with multicompression averaging 28091
Variale, V., Yang, B. Computer simulation of beam crystallization under non-ideal fields and perturbations in a storage ring 37072
Variale, V. *see* Boggia, A. 49136
Varichenko, V.V. *see* Popovici, G. 51571
Varier, G.K. *see* Issac, R.C. 4065
Varin, J. *see* Dulongpont, J. 35858
Varisco, G. *see* Alessandria, F. 49017
Varivodov, V.N. *see* Hyeong-Ho Lee 60946
Variyam, P.N., Chatterjee, A. FLYER: fast fault simulation of linear analog circuits using polynomial waveform and perturbed state representation 52947
Varkey, K.P., Vijayakumar, K.P. Fabrication of homojunction using spray pyrolised CdS thin film by copper diffusion 54172
Varkonyi-Koczy, A.R. Multi-sine synthesis and analysis via Walsh-Hadamard transformation 4705
Varlamov, A.G. Structured CVD-silicon carbonitride coatings 52773
Varlan, A.R., Jacobs, P., Sansen, W. New design technique for planar conductometric haematocrit sensors 17563
Varlan, A.R., Sansen, W. Nondestructive electrical impedance analysis in fruit: normal ripening and injuries characterization 18418
Varley, M.R. *see* Shaw, M.J. 25052
Varley, M.R. *see* Xiang Wei 14855
Varlow, B.R. *see* Abder-Razzaq, M. 43510
Varlow, B.R. *see* Abdur-Razzaq, M. 43514
Varlow, B.R. *see* Auckland, D.W. 43523
Varlow, B.R. *see* Auckland, D.W. 43550
Varma, A. *see* Bauer, F. 57788
Varma, A. *see* Kalampoukas, L. 5724
Varma, A. *see* Stiliadis, D. 5946
Varma, A.K. *see* Sharma, A. 570
Varma, C.V.J. India's plans for accelerated hydropower development 29135
Varma, H.K. *see* Kurian, J. 10833
Varma, K.B.R. *see* Selvarajan, A. 14405
Varma, P. *see* Bhatia, S. 41020
Varma, S. Support for ATM traffic classes in HFC networks 6354
Varma, S., Bressler-Hill, V., Lorke, A., Petroff, P.M., Weinberg, W.H. Scanning tunneling microscopy study of InAs epitaxy on GaAs(001) 30809
Varming, P. *see* Hubner, J. 23822
Varnau, M.J. Impact of wafer probe damage on flip chip yields and reliability 22095
Varneckas, V. *see* Udren, E.A. 38417
Varneckas, V. *see* Udren, E.A. 38418
Varneckas, V. *see* Zipp, J. 28937
Varnell, W.D. High performance materials for advanced interconnect technologies 53783
Varner, C.C. *see* Ebben, T.H. 6786
Varner, J.R. *see* Hach, C.T. 55157
Varnes, R.S., Bialkowski, M.E. A switched radial power divider/combiner for a mobile satellite antenna application 21890
Varniere, F., Ea Kim, B., Bisaro, R., Chevrier, G. X-ray diffraction microstructural characterization of PZT ($Pb(Zr_xTi_{1-x})O_3$) and Pt thin films on TiN/Ti/BPSG/Si structures 43494
Varoneckas, G. *see* Ulbikas, J. 28369
Varpula, T. *see* Lassila, A. 36584
Varri, A., Hirvonen, K., Hakkinen, V., Hasan, J., Loula, P. Nonlinear eye movement detection method for drowsiness studies 37810
Varri, A. *see* Hirvonen, K. 59689
Varri, A. *see* Huupponen, E. 59628
Varri, A. *see* Penzel, T. 28066
Varri, A. *see* Saastamoinen, A. 59704
Varriecchio, S.L., Santiago, N.H.C. Transient voltage and electric field distributions in air core reactors 51071
Varrientos, J.E., Sanchez-Sinencio, E. On the monolithic design of hysteretic chaotic oscillators 1182
Varshavsky, V., Marakhovsky, V., Tsukisaka, M. Data-controlled delays in the asynchronous design 1301
Varshavsky, V.I., Marakhovsky, V.B., Lashevsky, R.A. Self-timed data transmission in massively parallel computing systems 11547
Varshney, P.K. *see* Samarasooriya, V.N.S. 24975
Varshney, P.K. *see* Uner, M.K. 56651
Varshney, P.K. *see* Viswanathan, R. 27399
Varshney, R.K. *see* Pal, B.P. 6712
Varshney, R.K. *see* Thyagarajan, K. 3360
Varshney, U. Supporting mobility with wireless ATM 26081
Varshney, U. *see* Solayappan, N. 52782
Vartak, S.D., Lawandy, N.M. Nonlinear Christiansen filter 13789
Vartanian, B.J. *see* Matsumoto, K. 54723
Vartanian, B.J. *see* Shimbo, B.N. 22901
Vartanyan, E.S. *see* Agamalyan, N.R. 23654
Vartiainen, E.M., Peiponen, K.-E., Kishida, H., Koda, T. Phase retrieval in nonlinear optical spectroscopy by the maximum-entropy method an application to the $|\chi^{(3)}|$ spectra of polysilane 3981
Vartuli, C.B., Abernathy, C.R., Pearton, S.J., Zolper, J.C., Howard, A.J. C implantation and surface degradation of InGaP 2322
Vartuli, C.B., Pearton, S.J., Abernathy, C.R., MacKenzie, J.D., Lambers, E.S., Zolper, J.C. High temperature surface degradation of III-V nitrides 22257
Vartuli, C.B., Pearton, S.J., Abernathy, C.R., Mackenzie, J.D., Lovejoy, M.L., Shul, R.J., Zolper, J.C., Baca, A.G., Hagerott-Crawford, M., Jones, A., Ren, F. Conduction mechanisms in W and WSi_x ohmic contacts to InGaN and InN 54244
Vartuli, C.B., Pearton, S.J., Abernathy, C.R., MacKenzie, J.D., Shul, R.J., Zolper, J.C., Lovejoy, M.L., Baca, A.G., Hagerott-Crawford, M. Thermal stability of W, WSi_x, and Ti/Al ohmic contacts to InGaN, InN, and InAlN 22429
Vartuli, C.B., Pearton, S.J., Abernathy, C.R., MacKenzie, J.D., Shul, R.J., Zolper, J.C., Lovejoy, M.L., Baca, A.G., Hagerott-Crawford, M. W, WSi_x and Ti-Al low resistance ohmic contacts to InGaN, InN and InAlN 22445
Vartuli, C.B., Pearton, S.J., Lee, J.W., Abernathy, C.R., Mackenzie, J.D., Zolper, J.C., Shul, R.J., Ren, F. Wet chemical etching of AlN and InAlN in KOH solutions 12764
Vartuli, C.B., Pearton, S.J., Lee, J.W., MacKenzie, J.D., Abernathy, C.R., Shul, R.J. Electron cyclotron resonance etching of III-V nitrides in IBr/Ar plasmas 42576
Vartuli, C.B., Pearton, S.J., MacKenzie, J.D., Abernathy, C.R., Shul, R.J. Selective dry etching of III-V nitrides in Cl_2/Ar, CH_4/H_2/Ar, ICl/Ar, and IBr/Ar 12712
Vartuli, C.B. *see* Abernathy, C.R. 12672
Vartuli, C.B. *see* Lee, J.W. 23942
Vartuli, C.B. *see* Pearton, S.J. 22262
Vartuli, C.B. *see* Pearton, S.J. 22591
Vartuli, C.B. *see* Ren, F. 22589
Vartuli, C.B. *see* Ren, F. 22876
Vartuli, C.B. *see* Shul, R.J. 2400
Vartuli, C.B. *see* Shul, R.J. 12783
Vartuli, C.B. *see* Zolper, J.C. 12674
Vary, P. *see* Fingscheidt, T. 34681
Varzakas, P., Tombras, G.S. Estimation of spectral efficiency of direct-sequence code division multiple access in cellular mobile radio 26539

Vas, F. *see* Santos, V. 59095
Vas, P., Drury, W., Stronach, A.F. Recent developments in artificial intelligence based drives–a review 61196
Vas, P., Stronach, A.F. Minimum configuration soft-computing based DSP-controlled drives 61209
Vas, P. *see* Du, T. 61123
Vas, P. *see* Filippetti, F. 29335
Vasa Nilesh J. *see* Nilesh J. Vasa
Vasak, J., Reid, S., Hess, M. SOA circuit protects linear power amplifier drive for servo motors 31083
Vasanelli, L. *see* Amendolia, S.R. 37346
Vasanelli, L. *see* Cola, A. 49319
Vasanelli, L. *see* Penza, M. 7471
Vasanelli, L. *see* Penza, M. 58888
Vasanelli, L. *see* Rizzo, A. 3569
Vasanth, K., Saxena, S., McNeil, V., List, S., Davis, J., Kapila, D. An efficient method for modeling the effect of implant damage on NMOS devices using effective profiles and device simulation 43029
Vasanthamohan, N., Singh, J.P. Enhancement of critical current density and strain tolerance in Ag-sheathed BSCCO (2223) tapes by continuous silver reinforcement 43758
Vasca, F. *see* Carbone, R. 9132
Vasca, F. *see* di Bernardo, M. 51110
Vasca, F. *see* Marino, P. 61158
Vasco, E. *see* de Melo, O. 2007
Vasconcellos, E.C.C., Zerbetto, S.C., Zink, L.R., Evenson, K.M., Lees, R.M., Li-Hong Xu $^{13}CH_3OH$ far infrared laser: newly discovered lines, predictions and assignments 44344
Vasconcellos, E.C.C., Zerbetto, S.C., Zink, L.R., Tachikawa, M., Evenson, K.M.. Hydrazine: a very efficient laser in the far-infrared–a review 44346
Vasconcellos, E.C.C. *see* Zerbetto, S.C. 44345
Vasconcelos, F.H., Cornick, K.J. Insulator charging in SF_6 produced by impulse voltage 38398
Vasconcelos, H.C. *see* Orignac, X. 55158
Vasconcelos, J.A., Saldanha, R.R., Krahenbuhl, L., Nicolas, A. Genetic algorithm coupled with a deterministic method for optimization in electromagnetics 51388
Vasconcelos, J.A. *see* Ramirez, J.A. 44970
Vase, P. *see* Trahms, L. 49492
Vaseghi, S.V., Milner, B.P. Noise compensation methods for hidden Markov model speech recognition in adverse environments 24836
Vaseghi, S.V. *see* Milner, P. 4574
Vasek, P. *see* Bohacek, J. 27218
Vasell, J. *see* Jonsson, J. 25215
Vashchenko, A., Martynov, Y.B., Sinkevitch, V.F. Simulation of isothermal current filament states in GaAs structures 12262
Vashchenko, V.A., Martynov, J.B., Sinkevitch, V.F. Simulation of multiple filaments in GaAs structures 22253
Vashchenko, V.A., Martynov, J.B., Sinkevitch, V.F., Tager, A.S. Formation and evolution of spatial dissipative structures in GaAs n-i-n structures 54165
Vashchenko, V.A., Martynov, J.B., Sinkevitch, V.F., Tager, A.S. Current instability and burnout under MESFET gate breakdown 54693
Vashchuk, T., Talaluev, A. The radiotechnical problems connected with the creation of heating fields in deep tissues within the range of 10-50 MHz 37864
Vashhenko, V.A., Martynov, J.B., Sinkevitch, V.F., Tager, S. Electrical current instability at gate breakdown in GaAs MESFET 13012
Vashi, B.I. *see* Singh, N. 50067
Vashkovskii, A.V., Lokk, E.G., Shcheglov, V.I. Propagation of magnetostatic waves in unsaturated ferrite films with a strip domain structure 55032
Vashtalov, S. Plane electromagnetic wave diffraction by halfplane with anisotropic impedance 45032
Vashuk, E.V. *see* Lazareva, T.G. 7261
Vasi, J. *see* Ramgopal Rao, V. 32089
Vasi, J. *see* Subrahmanyam, P.V.S. 32086
Vasic, B. The power spectral density of maximum entropy M-ary (d, k) codes 4455
Vasilache, D. *see* Muller, A. 41505
Vasilakos, A. *see* Markaki, M. 57920
Vasilakos, A.V., Loukas, N.H., Atlasis, A.F. On the use of a stochastic estimator learning algorithm to the ATM routing problem: a methodology 46601
Vasilakos, A.V., Loukas, N.H., Atlasis, A.F. The use of learning algorithms in ATM networks call admission control problem: a methodology 46619
Vasilchenko, V. *see* Annis, P. 59237
Vasil'chenko, V.G. *see* Kryshkin, V.I. 37279
Vasile, A. *see* Caldararu, M. 3451
Vasile, D., Gulin, A.V. A criterion of asymptotic stability for a difference scheme with alternating weight factors 52565
Vasile, E. *see* Plugari, R. 42408
Vasile, E. *see* Plugaru, R. 31772
Vasile, M.J. *see* Friedrich, C.R. 43398
Vasile, M.J. *see* Friedrich, C.R. 54834
Vasile, S. *see* Nagarkar, V.V. 52925
Vasileiou, D. *see* Hontas, S. 35415
Vasilenko, L.S., Rubtsova, N.N., Khvorostov, E.B. Slow particles in coherent nonstationary spectroscopy of high resolution 4058
Vasilenko, N.A. *see* Kamanina, N.V. 44090
Vasilenko, V.S. Photoconductivity of electrets with Coulombic traps 54865
Vasileska, D., Bordone, P., Eldridge, T., Ferry, D.K. Quantum transport calculations for silicon inversion layers in MOS structures 12970
Vasileska, D., Eldridge, T., Ferry, D.K. Quantum transport: silicon inversion layers and InAlAs-InGaAs heterostructures 54284
Vasileska, D., Ferry, D.K. Scaled silicon MOSFET's: universal mobility behavior 43041
Vasileska, D., Schroder, D.K., Ferry, D.K. Scaled silicon MOSFETs: degradation of the total gate capacitance 43042
Vasilets, V.A. *see* Sukharevsky, O.I. 36217
Vasil'ev, A.G., Zakharov, D.N., Lebedev, O.I., Mikhal'chuk, P.V., Orlikovskii, A.A. Deposition of thin TiN films by reactive magnetron sputtering 30899
Vasil'ev, A.N., Voloshok, T.N., Kuvshinnikov, S.V. Magnetic studies of persistent photoconductivity in compensated PbTe:Ga 13800
Vasil'ev, A.N. *see* Auffray, E. 37281
Vasil'ev, A.V. *see* Podlaskin, B.G. 36578
Vasil'ev, E.N., Okhmatovsky, V.I. Diffraction by the dielectric disk and by the circular dielectric window in the perfectly conducting screen 45027
Vasil'ev, E.N., Okhmatovsky, V.L. Radiation characteristics of phased antenna array situated under semi-infinite dielectric slab 45450
Vasil'ev, E.N., Solodukhov, V.V., Makkaveeva, V.F. Numerical solving of a new class of canonical problems and their application 14595
Vasil'ev, F.P., Amochkina, T.V., Nedich, A. On a regularized variant of the two-step gradient projection method 487
Vasil'ev, G.A. *see* Belov, A.S. 37190
Vasil'ev, L.N., Kaminskii, V.V., Lani, Sh. Deformation mechanism of a phase transition during polishing of SmS samples 54241
Vasil'ev, M.A. *see* Akimov, V.A. 28024
Vasil'ev, M.G. *see* Durst, F. 41944
Vasil'ev, N.F., Loginov, A.L., Chmykhov, A.N., Bataev, A.V. Designing the motion system in a fully driven electric wheelchair 18544
Vasil'ev, N.F., Loginov, A.L., Tereshchin, V.A., Chmykhov, A.N., Bataev, A.V. Electric-powered wheelchairs 18543
Vasil'ev, N.S., Fedorov, V.V. On equilibrium routing in data-transmission networks 57679
Vasil'ev, P.S. *see* Afonin, A.G. 37086
Vasil'ev, P.S. *see* Aleksandrov, K.V. 17352
Vasil'ev, S.A., Dianov, E.M., Kurkov, A.S., Medvedkov, O.I., Protopopov, V.N. Photoinduced in-fibre refractive-index gratings for core–cladding mode coupling 43968
Vasil'ev, S.A. *see* Dianov, E.M. 43969
Vasil'ev, S.V., Mishin, V.A., Shavrova, T.V. Single-frequency dye laser with fibre-optic pumping 44374
Vasil'ev, V.P., Gusev, L.I., Degnan, J.J., Shargorodskii, V.D. Experimental verification of the influence of the Fizeau effect on the direction of a reflected light beam in a satellite laser ranging 44833
Vasil'ev, V.V. *see* Ovsyuk, V.N. 17374
Vasil'ev, V.Yu. *see* Zubkov, A.A. 29039
Vasilevskiy, M.I., Andreev, A.Yu., Kuznetsov, V.P., Stroganova, S.V., Sitter, H. Non-equilibrium microstructure of the (110) vicinal surface of Si during MBE 52710
Vasilicos, C. *see* Stergiopoulos, B. 19600
Vasiliev, A. *see* Lopota, V. 16245
Vasiliev, G.K. *see* Agroskin, V.Ya. 50223
Vasiliev, G.K. *see* Bravy, B.G. 44363
Vasiliev, I.A. *see* Shutov, S.D. 42276
Vasiliev, S.A., Dianov, E.M., Varelas, D., Limberger, H.G., Salathe, R.P. Postfabrication resonance peak positioning of long-period cladding-mode-coupled gratings 13590
Vasiliev, S.A. *see* Dianov, E.M. 43963
Vasiliev, S.A. *see* Dianov, E.M. 55194
Vasiliev, S.A. *see* Limberger, H.G. 43984
Vasiliev, S.A. *see* Starodubov, D.S. 55834
Vasiliev, V.N., Gurov, I.P. Interdisciplinary engineering education: a problem-oriented approach 20559
Vasiliev, V.V. *see* Shvedov, O.V. 7762
Vasiliev, Ya.V., Akhmetshin, R.R., Borovliev, Yu.A., Grigoriev, D.N., Gusev, V.A., Shlegel, V.N., Smakhtin, V.P. BGO crystals grown by a low thermal gradient Czochralski technique 30688
Vasilieva, O.G. *see* Zlobin, V.A. 12848
Vasiliou, G. *see* Mailis, S. 24301
Vasiliu, F. *see* Nicoara, G. 55036
Vasiliu, V. *see* Iftimia, N. 58454
Vasiljevic, D. *see* Golobic, J. 13560
Vasiljevic, D. *see* Popovic, J. 11218
Vasilko, M., Ait-Boudaoud, D. Optically reconfigurable FPGAs: is this a future trend? 11429
Vasilko, M., Ait-Boudaoud, D. Architectural synthesis techniques for dynamically reconfigurable logic 11431
Vasilopoulos, P., Akis, R. Transmittance antiresonances, longitudinal resonances, and large photonic gaps in periodically modulated waveguides 55234
Vasilyev, O. *see* Glasman, C. 15606
Vasilyev, V.V., Zakharyash, T.I., Klimenko, A.G., Krymsky, A.I., Marchishin, I.V., Nedosekina, T.N., Ovsyuk, V.N., Romashko, L.N., Svitashev, K.K., Suslyakov, A.O., Talipov, N.K., Tishkovskaya, L.V. LWIR 2×64 FPA detectors on bulk CdHgTe crystals 36550
Vasilyev, V.V. *see* Ovsyuk, V.N. 17376
Vasilyev, V.V. *see* Ovsyuk, V.N. 36562
Vasilyev, V.V. *see* Talipov, N.K. 32147
Vasin, V.A. *see* Kozyrev, S.P. 29913
Vasin, V.A. *see* Sedlov, A.S. 38601
Vasistha, P., Singh, S., Vishvakarma, B.R. Some investigations on multilayer microstrip stacked antenna 14747
Vaskelyte, J. *see* Polley, R. 28438
Vasko, F.T. *see* Raichev, O.E. 42168
Vasko, F.T. *see* Raichev, O.E. 54180
Vas'kovskij, V.O., Svalov, A.V. Asymmetry of the spin-valve effect in FeNi/Cu/FeNi/FeMn films 3189
Vasnetsov, M., Buchhave, P., Lyuksyutov, S. Phase modulation spectroscopy of space-charge wave resonances in $Bi_{12}SiO_{20}$ 55927
Vasnetsov, M. *see* Buchhave, P. 14440
Vasnetsov, M. *see* Kukhtarev, N. 14450
Vasnetsov, M.V. *see* Basistiy, I.V. 14257
Vasnetsov, M.V. *see* Ilyenkov, A.V. 14258
Vasnetsov, M.V. *see* Ilyenkov, A.V. 14343
Vasnetsov, M.V. *see* Ilyenkov, A.V. 44610
Vaspori, T. *see* Arato, A. 8173
Vaspori, T. *see* Hine, N. 6172
Vasquez, R., Flores, B.C. Fourier transform receiver processing of hopped frequency sequences for synthetic range profile generation 26992
Vasquez, R. *see* Manian, V. 25354
Vasquez, R. *see* Manian, V. 35247
Vasquez, R., Jr. *see* Flores, B.C. 6960
Vass, A.A. *see* Barshick, S. 48703
Vass, D.G. *see* Burns, D.C. 33155
Vass, D.G. *see* Eliiott, J.P. 33341
Vass, D.G. *see* Gourlay, J. 33158
Vass, D.G. *see* Rankin, I.D. 33160
Vass, D.G. *see* Smith, P. 33151
Vass, D.G. *see* Underwood, I. 33148
Vass, D.G. *see* Williams, R. 33180
Vass, G. *see* Rose, C. 36473
Vass, G.G., Zolomy, A., Kalmar, L. Processing of SLAR images 4920
Vass, J. *see* Zhuang, X. 57366
Vassallo, C. The limitations of wide-angle BPM in non-uniform systems 23557
Vassallo, C. 1993-1995 optical mode solvers 55242
Vassallo, C., van der Keur, J.M. Comparison of a few transparent boundary conditions for finite-difference optical mode-solvers 33075
Vassallo, E., Otter, M. Interference and sharing considerations between the space operations/space research service and new applications of the fixed service near 2 GHz 47840
Vasseghi, N., Yeager, K., Sarto, E., Seddighnezhad, M. 200-MHz superscalar RISC microprocessor 1443
Vasserman, S.B. *see* Aleksandrov, A.V. 49205
Vasseur, C. *see* Koehl, L. 52454
Vasseur, P., Pegard, C., Delaboche, L. A network for a team of cooperative mobile robots 47571
Vasseur, P., Pegard, C., Delahoche, L. A distributed control architecture for an experimental mobile robot 46996
Vassilacopoulos, G. *see* Doukidis, G. 35543
Vassilev, A.V. Improvement of the diver speech intelligibility in underwater communications using LPC 45664
Vassileva, B. *see* Kabakchiev, C. 45888
Vassileva, T., Tchoumatchenko, V. FPGA as educational ASIC 11384
Vassileva, T. *see* Tchoumatchenko, V. 11437
Vassilevski, D.L. Physical principles of graphic data registration by non-ideal heterojunction 27679
Vassilevski, D.L., Vinogradov, M.S., Borschak, V.A. Photon induced modulation of surface barrier: investigation and application for a new image sensor 27678
Vassiliadis, S., Cotofana, S., Hoekstra, J. Block save addition with threshold logic 1268
Vassiliadis, S. *see* Cotofana, S. 11385
Vassiliadis, S. *see* Cotofana, S. 31231
Vassiliev, D. *see* Rappaz, J. 30677
Vassiliev, V. *see* Allison, W.W.M. 37269
Vassiliou, I., Chang, H., Demir, A., Charbon, E., Miliozzi, P., Sangiovanni-Vincentelli, A. A video driver system designed using a top-down, constraint-driven methodology 11115
Vassilkov, R.G. *see* Batskikh, G.I. 7687
Vassilopoulos, N. *see* Ball, A.E. 37041
Vassilovski, D., Georges, J.B., Lau, K.Y. Carrier transport effects in active and passive modelocking of monolithic quantum-well lasers at millimeter-wave frequencies 14149
Vasson, A. *see* Disseix, P. 42169
Vasson, A. *see* Monier, C. 12404
Vasson, A. *see* Parillaud, O. 10704
Vasson, A.-M. *see* Disseix, P. 42169
Vasson, A.-M. *see* Monier, C. 12404
Vasson, A.M. *see* Parillaud, O. 10704
Vassos, S. *see* Contaxis, G.C. 8765
Vasta, P. *see* Colonna, N. 37521
Vastberg, A., Lundborg, B. Signal intensity in the geometrical optics approximation for the magnetized ionosphere 14615
Vastola, K.S. *see* Parthasarathy, V. 56686
Vastola, K.S. *see* Saulnier, E.T. 6303
Vastola, K.S. *see* Vukovic, I.N. 6123

Vasudev, B. *see* Merhav, N. 46464
Vasudev, B. *see* Natarajan, B. 25664
Vasudev, P.K. *see* Anc, M.J. 22457
Vasudev, P.K. *see* Dubin, V.M. 42751
Vasudev, P.K. *see* Dubin, V.M. 52739
Vasudev, P.K. *see* Jin-Ho Seo 42314
Vasudev, P.K. *see* Mendicino, M.A. 42303
Vasudev, P.k. *see* Zhao, B. 2438
Vasudev, P.K. *see* Zhao, B. 22622
Vasudev, P.K. *see* Zhao, B. 32242
Vasudev, P.K. *see* Zhao, B. 42664
Vasudev, P.K. *see* Zhao, B. 42682
Vasudevan, K., Tozser, P., Cook, F.A. Delineation of surfaces by skeletonization: application to interpretation of 3D seismic reflection and georadar data volumes 56464
Vasudevan, K. *see* Chandrasekaran, A. 40900
Vasudevan, K. *see* Cook, F.A. 50009
Vasudevan, K. *see* George, J. 1556
Vasudevan, K. *see* George, J. 34429
Vasudevan, N., Kumar, N., Dennis, P., Malik, S. Migrating DSR to a POSIX-compliant platform: lessons learned 49967
Vasudevan, N., Malik, S. Developing air traffic control solutions for ease of evolution 49966
Vasudevan, N. *see* Bhattacharjee, S. 20271
Vasudevan, S. The effect of processing parameters and surface roughness of conductor traces on the microwave properties of LTCC structure 53640
Vasudevan, S. Thick film materials system for surge protection 57711
Vasudevan, S. *see* Thirunakaran, R. 9523
Vasudevan, V. *see* Shanker, K.R. 54789
Vasylechko, L. *see* Frukacz, Z. 13534
Vasyliv, M.Ya. *see* Bondar, V.D. 48783
Vatalaro, F., Forcella, A. Doppler spectrum in mobile-to-mobile communications in the presence of three-dimensional multipath scattering 34076
Vater, J. Total Development Environment for DSP-controlled electrical drive systems 61215
Vater, P. *see* Laue, C. 29035
Vateva, E. *see* Popescu, M. 42083
Vath, C.J., III *see* Kuah, T.H. 20873
Vatrunin, V.E., Dubinov, A.E., Selemir, V.D. Self-similarity and branching of wavelet transforms of microwave signals generated by a vircator 41794
Vaucher, C., Balme, L. Analog/digital testing of loaded boards without dedicated test points 41353
Vaucher, C. *see* Benali, A. 1790
Vaucher, C.L., Balme, L.J., Benali, A. High density and fine pitch bare PWB testing solutions 1828
Vaucher, N.P. *see* Fischer, D. 39129
Vaudelle, F. *see* Rhaimini, S.E. 33620
Vaudenay, S. *see* Anderson, R. 4550
Vaudenay, S. *see* Anderson, R. 24677
Vaudenay, S. *see* Just, M. 4551
Vaudon, P. *see* Torres, F. 24446
Vaudry, C. *see* Lambert, B. 13686
Vaudry, C. *see* L'Haridon, H. 14278
Vaughan, D. *see* Wojcik, G. 28420
Vaughan, D.A., Weathers, C.I., Lott, J.W. Advances in environmentally conscious manufacturing through the use of permanent photoimagable materials in PWB fabrication 1837
Vaughan, F.A. *see* Hawick, K.A. 58249
Vaughan, G., Howells, A., Price, J.D. Use of MST radars to probe the mesoscale structure of the tropopause 16882
Vaughan, M.J. *see* Kolias, N.J. 47678
Vaughan, T.M., Wolpaw, J.R., Donchin, E. EEG-based communication: prospects and problems 18557
Vaughan-Nichols, S.J. Switching to a faster Internet 26416
Vaughan-Nichols, S.J. Eudorable Web mail [E-Mail software] 46982
Vaughn, B.V. *see* German, W. 37603
Vauhkonen, M., Vadasz, D., Karjalainen, P.A., Kaipio, J.P. Subspace regularization method for electrical impedance tomography 59607
Vauhkonen, M. *see* Ollikainen, J. 59706
Vauhkonen, M. *see* Savolainen, T. 7161
Vaulina, O.S. *see* Nefedov, A.P. 48986
Vaupel, G. Wide-band filter with actively reduced losses for power-systems 50329
Vaupel, M., Grotker, T., Meyr, H. ComBox: library-based generation of VHDL modules 35552
Vauramo, E. *see* Bojsen, J. 18173
Vauss, Y.C. *see* Rajapakse, J.C. 59408
Vausudev, P.K. *see* Seo, J.-H. 42307
Vautrin, P. *see* Lemonnier, E. 52016
Vautrot, P., Bonnet, N., Herbin, M. Comparative study of different spatial/spatial-frequency methods (Gabor filters, wavelets, wavelets packets) for texture segmentation/classification 57507
Vavak, F., Fogarty, T.C., Jukes, K. A genetic algorithm with variable range of local search for tracking changing environments 10384
Vavelidis, K., Tsividis, Y.P., Eynde, F.O., Papananos, Y. Six-terminal MOSFET's: modeling and applications in highly linear, electronically tunable resistors 23017
Vavra, I. *see* Spankova, M. 40368
Va'vra, J. *see* Abe, K. 37234
Vavriv, D.M. Chaotic dynamics of weakly nonlinear systems 21525
Vavriv, L.V. *see* Serebryannikov, A.E. 45036
Vawter, G.A., Hietala, V.M., Wendt, J.R., Fuchs, B.A., Hafich, M., Housel, M., Armendariz, M., Sullivan, C.T. High speed traveling wave electrooptic intensity modulator with a doped PIN semiconductor junction 33130
Vawter, G.A., Smith, R.E., Hou, H., Wendt, J.R. Semiconductor laser with tapered-rib adiabatic-following fiber coupler for expanded output-mode diameter 44503
Vawter, G.A. *see* Briggs, R.D. 42287
Vawter, G.A. *see* Fritz, I.J. 33122
Vawter, G.A. *see* Smith, R.E. 33010
Vay, J.L., Deutsch, C. A three-dimensional electromagnetic particle-in-cell code to simulate heavy ion beam propagation in the reaction chamber 59159
Vaya, P.R. *see* Tafti, H.A. 3836
Vaya, P.R. *see* Thomas, V.J. 7458
Vaynberg, B., Matusovsky, M., Rosenbluh, M., Kolobkova, E., Lipovskii, A. High optical nonlinearity of CdS_xSe_{1-x} microcrystals in fluorine-phosphate glass 4021
Vaynberg, B., Matusovsky, M., Rosenbluh, M., Lipovskii, A. High value of $\chi^{(3)}$ in fluorine-phosphate glass doped with CdS_xSe_{1-x} 14333
Vayner, B.V., Ferguson, D.C., Snyder, D.B., Doreswamy, C.V. Electromagnetic radiation generated by arcing in low density plasma 28572
Vaynman, S. Energy-based methodology for fatigue life prediction of time-dependent processes in solder materials 30959
Vaynman, S., Mavoori, H., Fine, M.E. Comparison of isothermal fatigue of lead-free solders with lead-tin solders 30958
Vayshenker, I. *see* Yang, S. 17281
Vaz, J.C., Fortes, F., Freire, J.C. Millimeter wave power amplifier with unconditionally stable devices 41487
Vaz, R. *see* Orr, J.A. 20476
Vaz, R.F. *see* Hill, B.K. 6945
Vazaios, A. *see* Nikolos, D. 31335
Vazao, T.M., Casaca, A. Routing algorithm for connectionless networking in B-ISDN 26259
Vaze, P. *see* Kia, T. 49844
Vazirani, G., Krevor, D., Gupta, R. Cleaning of circuit card assemblies of residual RMA flux 22052
Vazirani, V.V., Saran, H., Rajan, B.S. An efficient algorithm for constructing minimal trellises for codes over finite Abelian groups 4515
Vazirani, V.V., Saran, H., Rajan, B.S. An efficient algorithm for constructing minimal trellises for codes over finite abelian groups 24697
Vaziri, M., Chin-Lin Chen An etched two-mode fiber modal coupling element 43948
Vaznov, S. *see* Kalimov, A. 44953
Vazquez, A. *see* Gutierrez, A. 30914
Vazquez, C. *see* Vizoso, B. 35760
Vazquez, E. *see* Garcia, V.G. 6125
Vazquez, E. *see* Vinyes, J. 5843
Vazquez, G. *see* Calvo, S. 6446
Vazquez, G. *see* Riba, J. 6447
Vazquez, G. *see* Riba, J. 25121
Vazquez, G. *see* Riba, J. 26570
Vazquez, G. *see* Sala, J. 15385
Vazquez, J.A.Dominguez *see* Dominguez Vazquez, J.A.
Vazquez, L. *see* Tang, Y.-F. 30637
Vazquez, M. *see* Gomez-Polo, C. 27506
Vazquez, M. *see* Sanchez, M.L. 3042
Vazquez, M. *see* Zhukov, A. 3058
Vazquez, P. *see* Gomez, F. 37446
Vazquez M., E., Chacon M., O.L., Altuve F., H.J. An on-line expert system for fault section diagnosis in power systems 50652
Vazquez Rueda, M. *see* Hahn, F. 9754
Vazquez-Grau, G. *see* Sala-Alvarez, J. 24999
Vazquez-Lopez, C. *see* Gudino-Martinez, A. 2000
Vazquez-Polo, G. *see* Rejon, L. 939
Vazsony, E. *see* Yassfy, A. 12720
Vazsonyi, E. *see* Battistig, G. 12167
Vazsonyi, E. *see* Krotkus, A. 51599
Vazyulin, M.V., Leviush, A.I. Clock synchronization in relay protection systems [for power networks] 8950
Vbyvanets, V.I. *see* Nikolaev, Yu.V. 19976
v.d. Burgt, J.J.A. *see* Bosga, S.G. 61192
Vdovin, A.V. *see* Buldygin, A.F. 33234
Vdovin, G., Middelhoek, S., Sarro, P.M. Thin-film free-space optical components micromachined in silicon 44172
Vdovin, G., Middelhoek, S., Sarro, P.M. Technology and applications of micromachined silicon adaptive mirrors 54851
Vdovin, V.I., Mil'vidskii, M.G., Yugova, T.G. Mechanism of dislocation generation in heterostructures based on SiGe alloys 22302
Veanes, M., Barklund, J. Construction of natural cycletrees 30485
Veaux, C. *see* Duvaut, P. 25140
Veca, G.M. *see* Geri, A. 20050
Vecchi, G., Matekovits, L., Pirinoli, P., Orefice, M. Application of numerical regularization options to the integral-equation analysis of printed antennas 45401
Vecchi, G., Pirinoli, P., Matekovits, L., Orefice, M. A static eigenfunction approach to the regularization of EFIE for printed antennas 34244
Vecchi, G., Sereno-Garino, M., Orefice, M. Fast spectral evaluation of reaction integrals for separated domains 34187
Vecchi, G. *see* Orefice, M. 34407
Vecchi, L. *see* Contiero, C. 43346
Vecchi, M.C. *see* Rudan, M. 12852
Vecchia, D.F. *see* Wang, C.M. 33051
Vecchia, G.Della *see* Della Vecchia, G.
Vecchia, P. Carcinogenicity of electromagnetic fields: hypotheses and scientific findings 59832
Vecchiarelli, J., Kawall, J.G., Wallace, J.S. Analysis of a concept for increasing the efficiency of a Brayton cycle via isothermal heat addition 60553
Vechkanov, N.N. *see* Dianov, E.M. 33041
Veciana, G.de *see* de Veciana, G.
Vedagarbha, P., Dawson, D., Rhodes, W., Burg, T. Nonlinear control of induction motors: the observed field oriented control scheme 50985
Vedagarbha, P., Dawson, D.M., Burg, T. Adaptive control for a class of induction motors via an on-line flux calculation method 9221
Vedagarbha, P. *see* Burg, T. 2344
Vedantham, S. *see* Giakos, G.C. 59471
Vedda, A. *see* Auffray, E. 18084
Vedde, J. *see* Bengtsson, S. 12707
Vedernikov, M.V., Ravich, Yu.I. Remarks on a possible physical sense of the value ZT=1 for semiconductor thermoelectrics 31736
Vedeshwar, A.G. *see* Srivastava, G.P. 4315
Vedova, S.Della *see* Della Vedova, S.
Vedral, J., Krecl, J. Measuring of flash A/D converters in real time 1533
Vedral, V., Plenio, M.B., Rippin, M.A., Knight, P.L. Quantifying entanglement 45495
Vedru, J. *see* Humal, L.-H. 59615
Vedula, L. *see* Singh, R. 42399
Vedula, S. *see* Salam, F.M.A. 1674
Vedula, S. *see* Sreenivasan, K.R. 9120
Veelaert, P. Local feature detection for digital surfaces 4995
Veen, A.-J.van der *see* van der Veen, A.-J.
Veen, A.L.van der *see* van der Veen, A.L.
Veen, A.v. *see* Manenschijn, A. 53910
Veen, A.van *see* van Veen, A.
Veen, B.D.Van *see* Van Veen, B.D.
Veen, J.F.Van der *see* Van der Veen, J.F.
Veen, N.van *see* van Veen, N.
Veen, R.G.Van *see* Van Veen, R.G.
Veeneman, D.E. *see* Krinsky, D.M. 6365
Veenhof, R.J. *see* Cerron Zeballos, E. 37278
Veenhuis, R.S. *see* Wilson, J.H. 36269
Veenstra, L. *see* Davis, J.A. 36360
Veenstra, S.C., Malliaras, G.G., Brouwer, H.J., Esselink, F.J., Krasnikov, V.V., van Hutten, P.F., Wildeman, J., Jonkmanb, H.T., Sawatzky, G.A., Hadzioannou, G. Preparation of photovoltaic cells from sexithiophene-C_{60} blends 23682
Veer, W.E.van der *see* van der Veer, W.E.
Veeramachaneni, V., Tyagi, A., Rajgopal, S. Re-encoding for low power state assignment of FSMs 21421
Veeraraghavan, M., Karol, M., Eng, K.Y. Implementation and analysis of connection-management procedures in a wireless ATM LAN 47056
Veeraraghavan, M., Karol, M.J., Eng, K.Y. Mobility and connection management in a wireless ATM LAN 26086
Veeraraghavan, M., Kshirsagar, M. Parallel connection control (PCC) algorithm for ATM networks 5780
Veeraraghavan, M., La Porta, T.F., Ramjee, R. User signalling servers for ATM-based PCS networks 47596
Veeraraghavan, M. *see* Katzela, I. 47055
Veeraraghavan, M. *see* La Porta, T.F. 26618
Veeraraghavan, M. *see* Malhotra, M. 46894
Veeraraghavan, S. *see* Smith, J.C. 22822
Veeraraghaven, M. *see* Ayanoglu, E. 47542
Veerasingam, R., Campbell, R.B., McGrath, R.T. One-dimensional single and multipulse simulations of the ON/OFF voltages and the bistable margin for He, Xe, and He/Xe filled plasma display pixels 17712
Veerasingam, R., Campbell, R.B., McGrath, R.T. Two-dimensional simulations of plasma flow and charge spreading across barrier pixels in AC plasma displays 17713
Veeravalli, S.V. *see* Saddoughi, S.G. 17248
Veers, P.S. Fatigue reliability of wind turbine fleets: the effect of uncertainty on projected costs 19653
Vefling, H. *see* Stephansson, P. 51400
Vega, F. *see* Armengol, J. 30193
Vega, F. *see* Laguarta, F. 3323
Vega, F. *see* Laguarta, F. 13942
Vega, J., Cremy, C., Sanchez, E., Portas, A., Dormido, S. Encoding technique for high data compaction in data bases of fusion devices 4488
Vega, J.T. Performance of the cesium frequency standards and intercomparison system in the time and frequency laboratory of the CENAM (Mexico) 27257
Vega-Pineda, J., Suriano, M.A., Villalva, V.M., Cabrera, S.D., Chang, Y.-C. A VLSI array processor with embedded scalability for hierarchical image compression 5547
Vegni, G. *see* Becks, K.H. 59228
Vegni, L., Toscano, A. Analysis of microstrip antennas using neural networks 45377
Vegni, L., Toscano, A., Bonefacic, D. Efficient moment-method analysis of a magnetic dipole 24606
Vegni, L., Toscano, A., Urbani, F. Electromagnetic field computation in planar integrated structures with a biisotropic chiral grounded slab 45408

Vegni, L., Urbani, F., Toscano, A. Exponentially tapered non-uniform transmission lines 45280
Vegni, L. *see* Toscano, A. 45402
Vegni, L. *see* Urbani, F. 34123
Vehel, J.Levy *see* Levy Vehel, J.
Vehvilainen, K. *see* Hakala, H. 58234
Vei-Han Chan *see* Haddad, S. 1351
Veikkolainen, S. *see* Mitts, H. 47690
Veikkolainen, S. *see* Mitts, H. 47755
Veillas, C. *see* Abdelghani, A. 27606
Veillas, C. *see* Ronot-Trioli, C. 17414
Veillet, L. *see* Adam, A. 37280
Veilleux, L. *see* Kim, Y. 8347
Veillon, F. *see* Carlsson, S. 25541
Veit, P. *see* Zacharias, M. 41822
Veitch, D. *see* Brichet, F. 52413
Veitch, P., Hawker, I., Smith, G. Administration of restorable virtual path mesh networks 25844
Veitch, P.A., Smith, D.G., Hawker, I. The design of survivable ATM networks 5886
Veitch, P.A., Smith, D.G., Hawker, I. Enhancing the self-healing capability of statically protected ATM networks 25980
Vejcik, S. *see* Arai, Y. 37267
Vejcik, S. *see* Arai, Y. 37268
Veje, E. *see* Romstad, F.P. 42090
Vekilov, Yu.Kh. *see* Ponomarev, K.V. 54071
Vekshin, B.S. *see* Oreshkin, M.A. 55065
Veksler, M.I. *see* Belov, S.V. 12889
vel Krawczyk, T.Krawczynski *see* Krawczynski vel Krawczyk, T.
Vela, D.Gomez *see* Gomez Vela, D.
Vela, O.A. *see* Beard, C.A. 7757
Vela, O.A. *see* Roberts, R.S. 18980
Velaerts, B., Schauwers, J.-P., Bogaerts, D., Miller, M., Mathys, P., Van Eck, J.-L. Multiresonant techniques applied to a family of single-output DC-DC converters 51345
Velako, S.P. *see* Neuman, W.A. 14376
Velarde, L. *see* Perez, J. 35938
Velasco, A.J., Ribas, L., Riera, J., Llopis, R.P., Carrabina, J. An efficient algorithm for optimal pairing and chaining in layout generation 11035
Velasco, A.J. *see* Riera, J. 41026
Velasco, J. *see* Perez-Poch, A. 3482
Velasquez, L. *see* Singh, A. 2289
Velasquez, R. *see* Kanda, H. 12001
Velastin, S.A. *see* Marana, A.N. 57517
Velayutham Rajarathnam, A. *see* Tandon, P. 29688
Velazco, R., Assoum, A., Cheynet, P., Olmos, M., Ecoffet, R. SEU experiments on an Artificial Neural Network implemented by means of digital processors 21853
Velazco, R., Calin, T., Nicolaidis, M., Moss, S.C., LaLumondiere, S.D., Tran, V.T., Koga, R. SEU-hardened storage cell validation using a pulsed laser 21692
Velazco, R., Cheynet, P., Assoum, A., Bezerra, F. Experiments on fault tolerance of artificial neural networks implemented by means of a transputer 21846
Velazco, R. *see* Calin, T. 21695
Veld, R.J.Huis in't *see* Huis in't Veld, R.J.
Velde, C.Vander *see* Vander Velde, C.
Velde, J.-C.Van de *see* Van de Velde, J.-C.
Velde, W.van der *see* van der Velde, W.
Veldhuis, G.J. *see* Heideman, R.G. 27487
Veldhuis, R.N.J. *see* Houtsma, A.J.M. 17120
Veldhuis, R.N.J. *see* Houtsma, A.J.M. 17121
Veldkamp, W.J.H. *see* Karssemeijer, N. 49446
Veledinskii, A.N., Kostin, V.I., Novitskii, E.G., Popov, V.M., Smirnov, Yu.A. A new generation of main circulation pumps for nuclear power stations 29041
Velentzas, S. *see* Cruickshank, H. 35863
Veler, J.C. *see* Ulmer, L. 40649
Velez, J. *see* Skaf, A. 11628
Velez, M.Hernandez *see* Hernandez Velez, M.
Veliadis, J.V.D., Ding, Y.J., Khurgin, J.B. Impurity scattering enhancement of the acoustic phonon-limited intersubband transition rate 23991
Velicescu, C. *see* Oprea, L. 8892
Velicescu, M., Fernengel, W., Rodewald, W., Schrey, P., Wall, B. High-energy sintered Nd-Dy-Fe-B magnets with Co and Cu additions 3115
Velichanskii, V.L., Chernyshov, A.K. Transformation of elliptic beam of injection laser radiation into an axially symmetric beam 44614
Velichko, A.A., Kol'tsov, B.B. Electrophysical parameters of CMOS transistors based on a $Si/CaF_2/Si$ epitaxial structure 54620
Velichko, S.A. *see* Kulemin, G.P. 26960
Velidi, R., Georghiades, C.N. Sensitivity analysis of direct detection optical receivers with multi-pulse PPM signaling 36197
Velidkovic, D.M., Aleksic, S.R. Skin effect in conductors with rectangular cross-sections 53699
Veliev, E.I., Kobayashi, K., Ikiz, T., Koshikawa, S. Plane wave diffraction by a resistive strip 45087
Veliev, E.I., Kobayashi, K., Ikiz, T., Koshikawa, S. Analytical-numerical approach for the solution of the diffraction by a resistive strip 56006
Veligdan, J. *see* Beiser, L. 17625
Velikanov, S.D., Zapol'skii, A.F., Frolov, Yu.N. Physical aspects of the operation of HF and DF lasers with a closed active-medium replacement cycle 44333
Velikay, M. *see* Radner, W. 8178
Velikov, L.V. *see* Valiev, K.A. 55376
Velikovich, K.G. *see* Sanford, T.W.L. 7753
Velikzhanin, Yu.S. *see* Bukin, D.A. 37489
Velipasaoglu, E.O., Ersoy, O.K. Block iterative methods for Bayesian segmentation of positron emission tomography images 59513
Velixon, J.M. Transmission coefficient correction for DACs 11513
Velkov, P. *see* Trifonova, S. 26504
Vella, M.C. *see* Fawley, W.M. 59154
Vella, N., Toureille, A. Influence of the polyethylene structure on the space charge apparition 32710
Vella, P. *see* Fontaine, A. 16801
Vellaikal, M., Kingon, A.I. Electrical and microstructural characterization of lead titanate thin films deposited by metal-organic chemical vapor deposition onto platinum and magnesium oxide 32657
Vellekoop, M.H., Clark, J.M.C. Asymptotic behaviour of the optimal filter of jump and slope jump processes 30403
Vellekoop, M.J. *see* Cimpolasu, A. 30940
Vellenga, D. *see* Cha-Mei Tang 22149
Velling, P., Janssen, G., Agethen, M., Prost, W., Auer, U., Reuter, R., Tegude, F.J. On the design and modelling of novel 3-D integrated RTD/HBT device frequency multiplier circuits 53476
Velling, P. *see* Lindner, A. 40358
Vellis, F.E. *see* Capsalis, C.N. 26583
Vellvehi, M. *see* Flores, D. 12913
Vellvehi, M. *see* Flores, D. 42974
Vellvehi, M. *see* Flores, D. 42978
Velo, L.A. *see* Riley, T.J. 22512
Veloso, J.F.C.A., dos Santos, J.M.F., Conde, C.A.N. A gas proportional scintillation counter coupled to a microstrip gas chamber photosensor 59220
Veloso, M.A. *see* de Souza, L.E. 29079
Velten, R. *see* Wagner, P. 39898
Velten, V. *see* Michel, J. 25622
Velten, V. *see* Nandhakumar, N. 25631
Velthaus, K.O. *see* Huttl, B. 55411
Velthaus, K.O. *see* Plant, T.K. 55436
Velthaus, K.O. *see* Troppenz, U. 55437
Velthoven, P.Van *see* Van Velthoven, P.
Velthuizen, R.P. *see* Vaidyanathan, M. 59495
Velthuys, R., Lyons, K., Parsons, I. Multireception service for a multimedia news application 47379
Veltink, P.H., Bussmann, H.B.J., de Vries, W., Martens, W.L.J., Van Lummel, R.C. Detection of static and dynamic activities using uniaxial accelerometers 18214
Veltink, P.H., Franken, H.M. Detection of knee unlock during stance by accelerometry 18215
Veltman, A. Symmetrical stator flux orbits for direct flux and torque controlled drives 29696
Veltman, R., Ashida, I. Geometrical library recognition for mask data compression 22652
Veltri, A. *see* Dance, D. 30100
Veltri, J. *see* Verhaege, K. 24339
Velu, G. *see* Cattan, E. 40601
Vembu, S., Srinivasan, G. Heuristics for operator allocation and sequencing in product-line-cells with manually operated machines 30120
Vemere, M. *see* Rivara, M.-C. 637
Vemuri, B.C., Guo, Y., Lai, S.H., Leonard, C.M. Fast algorithms for fitting multiresolution hybrid shape models to brain MRI 18383
Vemuri, R. *see* Katkoori, S. 11277
Vemuri, R. *see* Natesan, V. 40836
Vemuri, R. *see* Vootukuru, M. 53222
Vemuri, S. *see* Mukherjee, M. 57243
Vemuru, S.R. TTL-CMOS input buffers with no static power dissipation 1306
Vemuru, S.R. Modelling serially-connected transistor sizes in CMOS logic gates 40826
Vemvyvelt, M.A. *see* Kim, N.P. 38007
Venable, J.M. *see* Lipscy, G.E. 38495
Venable, W. Class scheduling and size as correlates of learning 20488
Venables, D. *see* Agarwal, A. 12163
Venaille, C. *see* Wells, G. 5478
Vencelj, P. *see* Cizelj, L. 19504
Venda, V.F., Chachko, S.A. Ergodynamics and hybrid intelligence systems in the reliability of power plant operators 50721
Vendelin, G.D. *see* Cramer, H.T. 11716
Vendier, O., Lee, M., Jokerst, N.M., Brooke, M., Leavitt, R.P. Integrated 200 Mbit/s receiver: silicon CMOS transimpedance amplifier with a thin film InGaAs photodetector 26802
Vendier, O., Wilkinson, S.T., Bond, S.W., Myunghee Lee, Zhuang Hou, Lopez-Lagunas, A., May, P., Brooke, M., Jokerst, N.M., Wills, S., Leavitt, R.P. A 155 Mbps digital transmitter using GaAs thin film LEDs bonded to silicon driver circuits 36171
Vendier, O. *see* Cat, H.H. 55355
Vendier, O. *see* Myunghee Lee 36172
Vendier, O. *see* Myunghee Lee 40938
Vendik, I. *see* Sherman, V. 23429
Vendik, I.B. *see* Vendik, O.G. 41432
Vendik, O.G., Vendik, I.B., Samoilova, T.B. Nonlinearity of superconducting transmission line and microstrip resonator 41432
Vendik, O.G., Zubko, S.P., Ter-Martirosyan, L.T. Correlation effects in a thin-film ferroelectric capacitor 23257
Venditelli, M. *see* Oriolo, G. 60114
Venditti, H. *see* Plant, D.V. 55473
Venditti, M.B. *see* Rolston, D.R. 3662
Vendrame Loris *see* Loris Vendrame
Vendrome, G. *see* Fernier, B. 16822
Vendrome, G. *see* Vetter, P.J. 13603
Vendrusculo, E.A., Pomilio, J.A. Low-loss, high power factor voltage supply using a capacitive idling converter 9404
Vendura, G.J., Jr. *see* Garboushian, V. 37991
Venegas, G. *see* Tepper, J.S. 19054
Venegas, V. *see* Guardado, J.L. 38696
Venema, A. *see* Cimpolasu, A. 30940
Venema, H.W. Modulation transfer functions of single-slice and dual-slice computed tomography scanners 18285
Venema, S., Shen, H., Suraweera, F. NC algorithms for the single most vital edge problem with respect to shortest paths 21076
Venere, M.J. Local topological modifications for finite element mesh quality optimization 52583
Venes, A.G.W., van de Plassche, R.J. An 80-MHz, 80-mW, 8-b CMOS folding A/D converter with distributed track-and-hold preprocessing 11535
Venet, T., Gendry, M., Hollinger, G., Ambri, M., Pitaval, M., Lugand, C., Benyattou, T., Cadete Santos Aires, F. Growth and relaxation of tensile strained $In_xGa_{1-x}As$ ($x<0.53$) layers grown on InP (001) 12226
Venet, T. *see* Del Medico, S. 17286
Venetianer, P.L., Large, E.W., Bajcsy, R. A methodology for evaluation of task performance in robotic systems: a case study in vision-based localization 46330
Venetsanapoulos, A.N. *see* Lin, H. 25573
Venetsanopoulos, A.N., Plataniotis, K.N. Nonlinear filters for colour image processing 57126
Venetsanopoulos, A.N. *see* Cooklev, T.V. 56715
Venetsanopoulos, A.N. *see* Ilow, J. 25104
Venetsanopoulos, A.N. *see* Kuosmanen, P. 57123
Venetsanopoulos, A.N. *see* Kyoung-Bae Eum 25588
Venetsanopoulos, A.N. *see* Lin, H. 56750
Venetsanopoulos, A.N. *see* Plataniotis, K. 56932
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 4858
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 15480
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 25320
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 25550
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 35287
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 46522
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 57034
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 57125
Venetsanopoulos, A.N. *see* Plataniotis, N. 35172
Venetsanopoulos, A.N. *see* Scharcanski, J. 56689
Venetz, L.A. With a proper Web server into the Internet 6227
Veneziani, N. *see* Chiaradia, M.T. 8365
Veneziani, N. *see* Chiaradia, M.T. 48077
Veneziano, D. *see* Qihang Li 38075
Vengalis, B., Paulavichius, A., Franukevichius, D., Celik, V., Deksnys, A. Superconducting $Bi_2Sr_2CaCu_2O_8$ microstrip formation from micropatterned Bi-(Sr,Ca)F_2-Cu multilayers 41385
Vengalis, B. *see* Lisauskas, V. 40371
Venger, E.F., Kirillova, S.I., Primachenko, V.E., Chernobai, V.A. Electronic properties of germanium-Al_2O_3 systems 32076
Venger, E.F., Semenova, G.N., Kryshtab, T.G., Svitelskiy, A.V., Lytvyn, P.M., Krukovskii, S.I. Photodetectors on base of AlGaAs/GaAs heterostructures grown by liquid phase epitaxy using rare-earth additions 48567
Venghaus, H. *see* Heinrich, H. 26390
Vengrov, R.M. *see* Andreev, V.A. 37025
Vengrov, R.M. *see* Lazarev, N.V. 49036
Vengrus, I.I. *see* Balbashov, A.M. 43747
Vengrus, I.I. *see* Gudoshnikov, S.A. 27464
Vengrus, I.I. *see* Lipatov, A.P. 13502
Vengsarkar, A. *see* Haner, M. 16744
Vengsarkar, A. *see* Hemenway, B.R. 36148
Vengsarkar, A.M. *see* Bergano, N.S. 26823
Vengsarkar, A.M. *see* Chang, C.-C. 26799
Vengsarkar, A.M. *see* Hansen, P.B. 26730
Vengsarkar, A.M. *see* Narayanan, C. 33030
Vengsarkar, A.M. *see* Patrick, H.J. 48574
Vengsarkar, A.M. *see* Rogers, J.A. 23469
Vengsarkar, A.M. *see* Swanson, E.A. 18246
Vengurlekar, A.S. *see* Kumar, R. 2147
Vengurlekar, A.S. *see* Rajesh Kumar 2031
Venhovens, P.J.T. *see* LeBlanc, D.J. 4984
Venhovens, P.J.T. *see* LeBlanc, D.J. 20206
Veniaminov, A.V., Sedunov, Yu.N., Popov, A.P., Bandyuk, O.V. Postexposition behavior of holograms under the effect of macromolecule diffusion 4126
Venier, F. *see* Weise, T.H.G.G. 33866
Venier, P., Mortara, A., Arreguit, X., Vittoz, E.A. An integrated cortical layer for orientation enhancement 21852
Venier, V. *see* Weise, T.H.G.G. 33865
Venieris, I. *see* Angelopoulos, J. 58264
Venieris, I.S. *see* Angelopoulos, J.D. 16779
Venieris, I.S. *see* Fragoulopoulos, E.K. 58027
Venieris, I.S. *see* Sanchez-P., J.-A. 6182
Venieris, I.S. *see* Kolyvas, G.T. 26434
Venig, S.B. *see* Usanov, D.A. 1708
Venkaiah, V.Ch. *see* Lord, E.A. 497
Venkata, S.S. *see* Brown, R.E. 8887
Venkata, S.S. *see* Brown, R.E. 50559
Venkata, S.S. *see* Chuvychin, V.N. 19098
Venkata, S.S. *see* Raju, N.R. 50434
Venkata, S.S. *see* Sidhu, T.S. 50627
Venkata, S.S. *see* Wong, K.Y. 32387
Venkata, S.S. *see* Xusheng Chen 51092

Venkatachalam, V., Aravena, J.L. Optimal parallel 2-D FIR digital filter with separable terms 56581
Venkatakrishna Iyer, S. *see* Periasamy, P. 29530
Venkatakrishna Iyer, S. *see* Periasmy, P. 29570
Venkataram, P., Pawamana, S.R. A design of a MAC layer protocol for CBR and VBR data transmission on single channel in wireless LANs 46770
Venkataram, P. *see* Chockalingam, A. 46730
Venkataram, P. *see* Kumar, S. 47361
Venkataraman, A., Koren, I. Trade-offs between yield and reliability enhancement [VLSI] 32511
Venkataraman, G. *see* Sadagopan, G. 59840
Venkataraman, S., Fuchs, W.K. Distributed diagnostic simulation of stuck-at faults in sequential circuits 53179
Venkataraman, S., Kohlstedt, D.L., Gerberich, W.W. Continuous microscratch measurements of the practical and true works of adhesion for metal/ceramic systems 10939
Venkataraman, S., Livny, M., Naughton, J.F. Memory management for scalable Web data servers 57864
Venkataraman, V. *see* Balasubramanian, S. 12334
Venkataraman, V. *see* Johnson, G. 7957
Venkataraman, V. *see* Liu, C.W. 22298
Venkataraman, V. *see* Madhavi, S. 2723
Venkataramanan, G., Johnson, B. A pulse width modulated power line conditioner for sensitive load centers 50432
Venkataramanan, G., Mitkovska, B., Gerez, V., Nehrir, H. Variable speed operation of permanent magnet alternator wind turbines using a single switch power converter 19659
Venkataramanan, G. *see* Johnson, B.K. 19326
Venkataramanan, G. *see* Kellogg, W. 60630
Venkataramanan, G. *see* Manjrekar, M. 19131
Venkataramani, R. Theoretical evaluation of vehicle antenna performance 4371
Venkataseshaiah, C., Sarathi, R., Aleyas, M.V. Studies on the dielectric strength of transformer oil under oscillatory impulse voltages 19806
Venkatasubramanian, R., Colpitts, T., Watko, E., Hutchby, J. Experimental evidence of high power factors and low thermal conductivity in Bi_2Te_3/Sb_2Te_3 superlattice thin-films 32045
Venkatasubramanian, R., Colpitts, T., Watko, E., Lamvik, M., El-Masry, N. MOCVD of Bi_2Te_3, Sb_2Te_3 and their superlattice structures for thin-film thermoelectric applications 52672
Venkatasubramanian, R., Gorantia, S., Muthuvenkatraman, S., Dorsey, D.L. A stochastic model for crystal-amorphous transition in low temperature molecular beam epitaxial Si (111) 753
Venkatasubramanian, R., O'Quinn, B.C., Hills, J.S., Sharps, P.R., Timmons, M.L., Hutchby, J.A., Field, H., Ahrenkiel, R., Keyes, B. 18.2% (AM1.5) efficient GaAs solar cell on optical-grade polycrystalline Ge substrate 38973
Venkatasubramanian, R., Pamula, V.K., Dorsey, D.L. Influence of physisorbed arsenic on RHEED intensity oscillations during low-temperature GaAs molecular beam epitaxy 779
Venkatasubramanian, S. *see* Shivakumar, N. 47587
Venkatasubramanian, V. *see* Vaidhyanathan, R. 137
Venkatesan, G. *see* Buckley, K. 21407
Venkatesan, G.T., Amin, M.G. Time-frequency distribution kernel design over a discrete powers-of-two space 15258
Venkatesan, G.T., Amin, M.G. Discrete powers-of-two kernels for time-frequency distributions 15367
Venkatesan, G.T. *see* Amin, M.G. 4807
Venkatesan, R. *see* Aiello, W. 34493
Venkatesan, R. *see* Mehrotra, P. 20129
Venkatesan, R. *see* Mehrotra, P. 50982
Venkatesan, S. *see* Alagar, S. 47093
Venkatesan, S.M. *see* Djidjev, H.N. 40059
Venkatesan, T. *see* Dong, Z.W. 13499
Venkatesan, V. *see* Fragale, W. 43035
Venkatesh, G. *see* Mehendale, M. 53441
Venkatesh, R. *see* Lau, K.K. 21151
Venkatesh, S. *see* Gu, G. 36811
Venkatesh, S. *see* Gu, G. 55435
Venkatesh, S. *see* Lim, F.L. 5289
Venkatesh, S. *see* Lim, F.L. 5298
Venkatesh, S. *see* Shearer, K. 46458
Venkatesh, S. *see* Srinivasan, M.V. 57411
Venkatesh, Y.V. A generalized Hermite pyramid for ultrasonic image analysis. I. Kidney and liver 59542
Venkatesh, Y.V. A generalized Hermite pyramid for ultrasonic image analysis. II. Gallstones 59543
Venkateswaran, R., Raghavendra, C.S., Chen, X., Kumar, V.P. Hierarchical multicast routing in ATM networks 5786
Venkateswaran, S.R. *see* Chalk, S.G. 20171
Venkateswarlu, D.S. *see* Dwivedi, H.K. 1931
Venkateswarlu, D.S. *see* Saroch, A. 1952
Venkateswarlu, M., Satyanarayana, N. Fabrication and characterization of silver-based solid-state primary batteries 29525
Venkateswarlu, P. *see* Bullock, S.R. 44644
Venkateswarlu, P. *see* Darwish, A. 23771
Venkateswarlu, P. *see* Darwish, A. 24183
Venkateswarlu, P. *see* Darwish, A.M. 24272
Venkateswarlu, P. *see* Fu, J. 33114
Venkateswarlu, P. *see* Kukhtarev, N. 24269
Venkateswarlu, P. *see* Noginov, M.A. 3785
Venkateswarlu, P. *see* Noginov, M.A. 14266
Venkateswarlu, P. *see* Noginova, N. 14441
Venkateswarlu, P. *see* Noginova, N. 14461
Venkateswarlu, P. *see* Noginova, N.E. 14455
Venkateswarlu, P. *see* Sarkisov, S. 33100
Venkateswarlu, P. *see* Williams, E.K. 13667
Venkateswarlu, R. Multi-mode image based navigation for unmanned aerial vehicle 18656
Venkatraman, C. *see* Schoen, K.J. 54263
Venkatraman, M. *see* Nasrabadi, N.M. 60170
Venkatraman, R., Jimarez, M., Fallon, K. Decal solder bumping process for direct flip chip attach applications 20917
Venkatraman, R., Ramakrishna, K., Knadle, K., Chen, W.T., Haddon, G.C. Role of smear in the mechanical integrity of plated through hole-inner plane interface in thick printed wiring boards 31609
Venkatraman, R. *see* Fiordalice, R. 2434
Venkatraman, S. *see* Shankar, K.R. 53405
Venkatramani, C. *see* Tzi-Cker Chiueh 35057
Venkayya, V.B. *see* Tzou, H.S. 2990
Venkidachalam, G., Rajan, M.M., Bhowmick, D.N., Basu, S. Development of glucose biosensor based on enzyme immobilization 18185
Vennegues, P. *see* Grandjean, N. 30801
Vennegues, P. *see* Omnes, F. 9538
Venner, R., Daniels, R., Hopper, D.G. High performance applications of electromechanical displays 17627
Venner, R., Daniels, R., Hopper, D.G. High performance applications of cathode-ray tubes 17628
Venneri, F. *see* Beard, C.A. 7757
Venneri, F. *see* Buksa, J.J. 7759
Venta, E.R. *see* Salchenberger, L. 49393
Venta, L.A. *see* Salchenberger, L. 49393
Vento, M. *see* de Stefano, C. 5384
Ventouras, E., Uzunoglu, N., Papageorgiou, C., Rabavilas, A., Stefanis, C. Inversion of event-related potentials of obsessive compulsive disorder patients to intracranial distributed current sources 59713
Ventouras, S. *see* Kanellopoulos, J.D. 16655
Ventre, G., Domingo-Pascual, J., Danthine, A. *(editors)* Multimedia Telecommunications and Applications. Third International COST 237 Workshop Proceedings 9842
Ventre, G.G. *see* Atmaram, G.H. 39170
Ventrella, A. *see* Barbarossa, S. 46365
Ventrella, T. An introduction to contract law 20770
Ventrice, C.A., Jr., LaBella, V.P., Ramaswamy, G., Yu, H.-P., Schowalter, L.J. Hot-electron scattering at Au/Si(100) Schottky interfaces measured by temperature dependent ballistic electron emission microscopy 2248
Ventura, D., Andersen, T., Martinez, T.R. Using evolutionary-computation to generate training set data for neural networks 26043
Ventura, G. *see* Cesarsky, C.J. 36548
Ventura, L., Schunck, J.P., Muller, J.C., Barthe, S., Vetrella, U.B., Pirozzi, L., Salza, E. Influence of baking conditions of doped spin-on glass sources on the formation of laser assisted selective emitters 39008
Ventura, L. *see* Lachiq, A. 20024
Ventura, L. *see* Slaoui, A. 29636
Ventura, O. *see* Carpita, M. 51788
Ventura, O. *see* Carpita, M. 51806
Ventura, S. *see* Howell, E. 6672
Venture, L. *see* Slaoui, A. 39190
Venturini, M., Bernal, S., Dragt, A., Reiser, M., Wang, J.G., Godlove, T.F. Single-particle dynamics study for a University of Maryland electron ring 59137
Venturini, M. *see* Bernal, S. 59136
Venturini, M. *see* Reiser, M. 59138
Venturino, A. *see* Sacile, R. 18489
Venturino, E. On the (0,4) lacunary interpolation problem and some related questions 10458
Ventzek, P.L.G. *see* Miyashita, T. 54321
Ventzek, P.L.G. *see* Yamada, N. 54471
Venugopal, R. *see* Colins, D.L. 18218
Venugopal, V.C. *see* Lakhtakia, A. 24241
Venus, G.B., Gadzhiev, I.M., Gubenko, A.M., Portnoi, E.L., Khazan, A.A. Q-switching in single-heterojunction lasers and generation of ultrahigh-power picosecond optical pulses 55596
Venus, G.B. *see* Margalit, M. 44588
Venus, G.B. *see* Portnoi, E.L. 55641
Venuti, G. *see* Bomitali, E. 26368
Venuto, D.De *see* De Venuto, D.
Venutolo, J.H. *see* Kaplan, A.E. 57777
Venzel, E.F. A two-node closed net with general-form distribution 30438
Venzon, J. *see* Solomon, S. 48651
Venzon, J.E. *see* Barber, H.B. 37663
Venzor, G.M. *see* Benson, J.D. 21287
Venzor, G.M. *see* De Lyon, T.J. 702
Venzor, G.M. *see* De Lyon, T.J. 48645
Venzor, G.M. *see* Rajavel, R.D. 711
Venzor, G.M. *see* Rajavel, R.D. 27578
Venzor, G.M. *see* Wu, O.K. 48663
Vepa, K., Baker, K., Shive, L.W. A method for native oxide thickness measurement 42568
Veprek, S. Photoluminescence from nanocrystalline silicon-amorphous silica composite materials: changing the color and decay time 12194
Veprek, S., Kunstmann, Th., Volm, D., Meyer, B.K. Relaxation of interfacial stress and improved quality of heteroepitaxial 3C-SiC films on (100)Si deposited by organometallic chemical vapor deposition at 1200°C 40433
Vera, E., Kinsner, W. Piecewise self-affine fractal modelling of linear prediction excitations in speech compression 14874
Vera, P., de Dreuille, O., Bendriem, B., Gardin, I., Stievenart, J.L., Menard, J.F., Parc, C., Bourguignon, M., Bok, B., Syrota, A. Advantage of fan beam collimators for contrast recovery of hyperfixation in clinical SPECT 37674
Vera-Isasa, M. *see* Sierra, M.P. 56217
Veraart, C. *see* Gilmont, T. 59800
Verardi, P., Dinescu, M., Gerardi, C., Mirenghi, L., Sandu, V. AlN thin films deposition by laser ablation of Al target in nitrogen reactive atmosphere 40626
Verardi, P. *see* Dinescu, M. 904
Veravin, V.S. *see* Ovsyuk, V.N. 17374
Verbandt, Y., Verwilghen, B., Cloetens, P., Van Kempen, L., Thienpont, H., Veretennicoff, I., Van Vinckenroy, G., De Wilde, W.P., Voet, M.R.H. Polarimetric optical fiber sensors: aspects of sensitivity and practical implementation 58798
Verbanets, W.R. *see* Chantry, P.J. 27942
Verbarg, K. Approximate center points in dense point sets 56901
Verbauwhede, I., Scheers, C., Rabaey, J.M. Analysis of multidimensional DSP specifications 15349
Verbauwhede, I., Touriguian, M., Gupta, K., Muwafi, J., Yick, K., Fettweis, G. A low power DSP engine for wireless communications 31299
Verbeeck, P. *see* Guglielmelli, E. 28452
Verbeek, B.H., Smit, M.K. Phased array based WDM devices 16739
Verbeek, B.H. *see* Spiekman, L.H. 24027
Verbeek, B.H. *see* Spiekman, L.H. 26430
Verbeek, B.H. *see* Steenbergen, C.A.M. 16742
Verbeek, B.H. *see* van Dam, C. 26931
Verbeek, M., Metz, A., Aberle, A.G., Hezel, R. Mechanically grooved high-efficiency silicon solar cells with self-aligned metallisation 39216
Verbeek, P.W. *see* de Bakker, M. 7432
Verberne, J.F.C. *see* Van den Bosch, P.J. 59456
Verbeure, F. *see* Lemonne, J. *(editor)* 20329
Verbiest, T. *see* Maki, J.J. 44721
Verbiest, W. *see* Warzanskyj, W. 26388
Verbist, K., Lebedev, O.I., Van Tendeloo, G., Verhoeven, M.A.J., Rijnders, A.J.H.M., Blank, D.H.A., Rogalla, H. Ga segregation in $DyBa_2Cu_3O_{7-\delta}/PrBa_2Cu_{3-x}Ga_xO_{7-\delta}/DyBa_2Cu_3O_{7-\delta}$ ramp-type Josephson junctions 43795
Verbitskaya, E. *see* Eremin, V. 59260
Verbitskaya, E. *see* Li, Z. 49330
Verbitskaya, E. *see* Li, Z. 59265
Verbitskaya, E.M., Eremin, V.K., Ivanov, A.M., Li, Z., Schmidt, B. Formation of radiation defects in high-resistivity silicon as a result of cyclic irradiation and annealing 41844
Verbitskii, I.L. Quasistatic Green function method as a powerful tool of diffraction problems solving 45088
Verbockhaven, D., Conard, G. OSP coatings: the nitrogen solution 11881
Verbockhaven, D., Conard, G. Soldering atmosphere optimization: cost analysis model 22071
Verboncoeur, J.P., Mardahl, P.J., Cartwright, K.L., Birdsall, C.K. Simulation of pulse shortening in a relativistic klystron oscillator 12095
Verboncoeur, J.P. *see* Mardahl, P. 3676
Verboncoeur, J.P. *see* Oslake, J.M. 1953
Verboncoeur, J.P. *see* Oslake, J.M. 12120
Verbova, L.F. *see* Korenkov, I.P. 60089
Verboven, A.J.M. *see* Tiemeijer, L.F. 16748
Verboven, A.J.M. *see* Tiemeijer, L.F. 23911
Verboven, A.J.M. *see* Tiemeijer, L.F. 33543
Verbruggen, A.H., Van Den Homberg, M.J.C., Kalkman, A.J., Kraayeveld, J.R., Willemsen, A.W.J., Radelaar, S. Current dependence of reversible electromigration induced resistance changes in short Al lines and interpretation of irreversible effects 42763
Verbruggen, A.H. *see* Van Den Homberg, M.J.C. 42704
Verbruggen, A.H. *see* Van Den Homberg, M.J.C. 42764
Verbruggen, A.H. *see* Van Veen, R.G. 42496
Verbugt, D.W. *see* Peek, H.L. 48684
Verbugt, D.W.E. *see* Stoldt, H. 48230
Vercauteren, S. *see* Bolsens, I. 47746
Vercauteren, S. *see* Lin, B. 52943
Vercelli, G. *see* Giuffrida, F. 27900
Vercelli, G. *see* Giuffrida, F. 36897
Vercelli, R. *see* Piergigli, M. 46924
Vercellone, V. *see* Bostica, B. 47499
Verde, C. *see* Torres B., M.A. 9226
Verde, P. *see* Conforti, D. 8763
Verde, P. *see* Losi, A. 8832
Verde, P. *see* Losi, A. 9197
Verdelho, P., Marques, G.D. DC voltage regulator stability of PWM voltage rectifiers 9409
Verdelho, P., Marques, G.D. Park's currents linear control stability analysis of the PWM voltage converter connected to the AC mains 9412
Verdelho, P., Marques, G.D. An active power filter and unbalanced current compensator control circuit 51189
Verdelho, P. *see* Soares, V. 8737

Verdeyen, J.T. *see* Barnes, P.N. 9723
Verdeyme, S. *see* Nigon, F. 53533
Verdi, J.S. *see* Boerner, W.-M. 26994
Verdiell, J.-M., Ziari, M., Welch, D.F. Passively aligned laser array to silica-on-silicon waveguides with 36% coupling efficiency and 30 mW cw coupled power 26885
Verdiell, J.-M., Ziari, M., Welch, D.F. Low-loss and low-cost fiber coupling of 980 nm laser diodes 43952
Verdiell, M. *see* Geraghty, D.F. 44696
Verdier, F. *see* Zimmer, T. 9907
Verdier, R. *see* Abe, K. 59233
Verdon, C.P. *see* Boehly, T.R. 14059
Verdon, C.P. *see* Boehly, T.R. 14086
Verdonck, P. *see* Molina Torres, L.C. 22610
Verdonck, P. *see* Segers, P. 37598
Verdu, S., Te Sun Han The role of the asymptotic equipartition property in noiseless source coding 56319
Verdu, S. *see* Poor, H.V. 56504
Verdu, S. *see* Shamai, S. 56318
Verduin, M. *see* Bouten, C.V.C. 37605
Verduin, M. *see* Bouten, C.V.C. 49397
Verdun, F.R., Moeckli, R., Valley, J.-F., Bochud, F., Hessler, C. Survey on image quality and dose levels used in Europe for mammography 7893
Verduyn, S.C. *see* Dassen, W.R.M. 49642
Vereen, L. Integrated circuits for embedded developers 1432
Verellen, D., Van Den Heuvel, F., De Neve, W., De Beukeleer, M., Storme, G. Dynamic radiotherapy: interactive movement of patient couch for treatment of craniospinal axis 8089
Veremeev, A.A. *see* Gromov, B.F. 37192
Veremey, V., Poyedinchuk, A. Eigenmodes excitation in reflectors for resonant and wideband antennas 34331
Vereschagin, N., Sudanov, M. Secondary electron emission influence on electrical firmnes of low pressure discharge space 22141
Vereschagin, N.M. *see* Bochkov, V.D. 24377
Vereshchagin, I.I. *see* Amosova, L.P. 1902
Vereshchagin, I.K. *see* Kosyachenko, L.A. 12368
Veresov, A.V. *see* Zemskii, V.I. 13812
Veretennicoff, I. *see* Berghmans, F. 44091
Veretennicoff, I. *see* Kirk, A. 55360
Veretennicoff, I. *see* Panajotovo, K.R. 44171
Veretennicoff, I. *see* Stiens, J. 33057
Veretennicoff, I. *see* Verbandt, Y. 58798
Verevkin, A.A., Ptitsina, N.G., Smirnov, K.V., Gol'tsman, G.N., Gershenzon, E.M., Ingvesson, K.S. Direct measurements of energy relaxation times on an AlGaAs/GaAs heterointerface in the range 4.2-50 K 2098
Verevkin, A.A. *see* Lipatov, A.P. 13502
Verezub, N.A., Zharikov, E.V., Kalitin, S.P., Lavrishchev, S.V., Myal'dun, A.Z., Papin, Yu.M., Prostomolotov, A.I., Storozhev, N.R. Effect of controlled low-frequency vibrations on melt in growth of yttrium-scandium-gallium garnet single crystals 21219
Verfaillie, J., Haspeslagh, D. A general purpose design-for-test methodology at the analog-digital boundary of mixed-signal VLSI 21824
Verfaillie, J. *see* Zhong Yuan Chang 41301
Verfurth, R. *see* Braess, D. 21208
Verga, S. *see* Vespasiani, G. 18180
Vergain, M. *see* Adam, A. 37280
Vergamota, S. *see* Silva, A. 7187
Vergani, G. *see* Thrush, E.J. 30799
Vergara, G., Gomez, L.J., Capmany, J., Montojo, M.T. Influence of the dopant concentration on the photoemission in NEA GaAs photocathodes 41749
Vergara, L. *see* Albiol, A. 45865
Vergara, L. *see* Rodriguez, M. 40708
Vergara, L. *see* Rodriguez, M.A. 34935
Verge, M. *see* Zbiri, N. 58700
Verge, M. *see* Zhaohui Li 60570
Verge, M. *see* Zhaohui Li 60572
Verger, L., Baffert, N., Rosaz, M., Rustique, J. Characterization of CdZnTe and CdTe:Cl materials and their relationship to X- and γ-ray detector performance 31817
Verger, L. *see* Gerstenmayer, J.L. 37351
Verges, H.T. *see* Nikolos, D. 31335
Vergez, A. *see* Clarke, M. 17088
Verghese, G.C. *see* Perreault, D.J. 60927
Verghese, G.C. *see* Ramaswamy, G.N. 60220
Verghese, G.C. *see* Stankovic, A.M. 11185
Verghese, M.M., Ram, M.K., Vardhan, H., Ashraf, S.M., Malhotra, B.D. Polycarbazole-film-coated electrodes as electrochromic devices 23579
Verghese, M.M., Ram, M.K., Vardhan, H., Malhotra, B.D., Ashraf, S.M. Electrochromic properties of polycarbazole films 55309
Verghese, S. *see* McIntosh, A. 23658
Verghese, S. *see* Qing Hu 13050
Vergin, R., O'Shaughnessy, D., Gupta, V. Compensated mel frequency cepstrum coefficients 14926
Vergnolle, M. *see* La Barny, P. 24233
Vergos, H.T. *see* Nikolos, D. 21735
Vergottini, G. *see* Alles, D. 30126
Verguld, M. *see* Beelen, C. 22082
Verguld, M.M.F. *see* Beelen-Hendrikx, C.C.M. 41660
Verhaege, K., Russ, C., Robinson-Hahn, D., Farris, M., Scanlon, J., Lin, D., Veltri, J., Groeseneken, G. Recommendations to further improvements of HBM ESD component level test specifications 24339
Verhaege, K. *see* Russ, C. 22832
Verhaegen, F. *see* Everaert, J.L. 2229
Verhaegh, W. *see* Roncken, M. 40986
Verhaegh, W.F.J. *see* de Fluiter, B. 1062
Verhagen, H.W. *see* Raaijmakers, C.P.J. 8109
Verhagen, L.A. *see* Young, I.R. 50089
Verhappen, R. *see* Schoenbach, K.H. 1898
Verhaverbeke, S., Parker, J.W., McConnell, C.F. Quantitative model for the SC-1 cleaning 42522
Verhaverbeke, S. *see* McConnell, C. 42472
Verhaverbeke, S. *see* Parker, J. 42629
Verheijck, E.E. *see* Wilders, R. 49721
Verheijen, M. *see* Haisma, J. 22731
Verheijen, M.J. *see* Frijlink, P.M. 43133
Verhelst, W., Mertens, J. Voice conversion using partitions of spectral feature space 14937
Verhenne, G. *see* Adriaensen, K. 16456
Verheul, E., Koops, B.-J., van Tilborg, H. Public key infrastructure: binding cryptography–a fraud-detectible alternative to key-escrow proposals 24784
Verheust, M. *see* Spaepen, A. 6324
Verhey, L.J. *see* Daftari, I.K. 18503
Verheyden, A.J. *see* Milants, K. 42370
Verheyden, J. *see* Deweerd, W. 31751
Verheyen, G., Dijs, H., Guastavino, V., Deckers, K., Naessens, G., Driessens, M. Cryptotetany–place of EMG-recording 28330
Verho, P., Jarventausta, P., Karenlampi, M., Partanen, J. An intelligent support system for distribution management 38258
Verho, P. *see* Jarventausta, P. 50549
Verhoest, P. *see* Burgelman, J.-C. 25989
Verhoeve, P. *see* Lowery, A.J. 17153
Verhoeve, P. *see* Morthier, G. 44480
Verhoeve, P. *see* Morthier, G. 55648
Verhoeven, C.J.M., Straver, W.G.M., Westra, J.R., van Roermund, A.H.M. Improving HF properties of limiters with modified bipolar transistors 31152
Verhoeven, C.J.M. *see* Westra, J.R. 32762
Verhoeven, C.J.M. *see* Westra, J.R. 40958
Verhoeven, H.J.M. *see* Severens, R.J. 7520
Verhoeven, J. *see* Hopman, H.J. 41762
Verhoeven, J. *see* Schlatmann, R. 920
Verhoeven, M.A.J. *see* Verbist, K. 43795
Verhoeven, S.A.M. *see* Oldenkamp, H. 38877
Verhoosel, J.P.C. *see* Huis in't Veld, R.J. 16377
Verhulst, A.G.H., Cnossen, G. Active-matrix deformed-helix ferroelectric liquid crystal displays 48771
Verians, X. *see* Gilmont, T. 59800
Verie, C. Novel approach towards enhanced lattice elastic rigidity of large bandgap heteroepitaxial II-VI layers 22240
Verikas, A., Malmqvist, K., Bergman, L. Colour image segmentation by modular neural network 56659
Verin, V. *see* Popowski, Y. 59768
Verissimo, P., Rodrigues, L., Casimiro, A. CESIUMSPRAY: a precise and accurate global time service for large-scale systems 47144
Verissimo, P. *see* Almeida, C. 5873
Verissimo, P. *see* Cosquer, F.J.N. 26202
Verissimo, P. *see* Rodrigues, L. 5847
Verkama, M. Optimal paging–a search theory approach 47790
Verkerke, W. *see* Bamberger, A. 7787
Verkerke, W. *see* Bamberger, A. 37358
Verkest, D. *see* Bolsens, I. 47746
Verkest, D. *see* Lin, B. 52943
Verkruysse, W., Lucassen, G.W., de Boer, J.F., Smithies, D.J., Nelson, J.S., van Gemert, M.J.C. Modelling light distributions of homogeneous versus discrete absorbers in light irradiated turbid media 37871
Verkruysse, W. *see* van Gemert, M.J.C. 37870
Verleger, R., Heide, W., Butt, C., Wascher, E., Kompf, D. On-line brain potential correlates of right parietal patients' attentional deficit 49627
Verleger, R. *see* Wauschkuhn, B. 59643
Verlinden, E.J. *see* Crane, R.A. 39218
Verlinden, M. *see* Wei, J. 58664
Verlinden, P. Acceleration of Gauss-Legendre quadrature for an integrand with an endpoint singularity 30622
Verloop, A.J. *see* Koole, P. 49793
Verlotski, V., Schaus, M., Pohl, M. A solar thermal MgO-powder receiver with working temperatures of more than 1600°C: model investigation by using a laser as an irradiation source 51616
Verma, A. *see* Subrahmanyah, R.V. 44230
Verma, A. *see* Wei Chang 33315
Verma, A.K., Kumar, R. A closed-form dispersion model for millimeter-wave suspended microstrip lines 34138
Verma, A.K., Kumar, R. Dispersion model for suspended microstrip line 45342
Verma, A.K., Kumar, R., Sharma, M. Closed-form expressions for accurate determination of capacitance and effective radius of microstrip circular disk 41414
Verma, A.K. *see* Lee, X.Y. 38977
Verma, A.K. *see* Lee, X.Y. 38995
Verma, B. Recognition of rotating images using an automatic feature extraction technique and neural networks 35092
Verma, D., Fabrycky, W.J. Systematically identifying system engineering practices and methods 52131
Verma, D. *see* Du, Y. 47130
Verma, H.K. *see* Kulkarni, P.K. 45803
Verma, H.K. *see* Vijaya, G. 49585
Verma, K. *see* Han, B. 20888
Verma, N. *see* Ruppert, D. 12607
Verma, S., Orbey, N., Birkmire, R.W., Russell, T.W.F. Chemical reaction analysis of copper indium selenization 10831
Verma, T., Bilbao, S., Meng, T.H.Y. The digital prolate spheroidal window 15355
Verma, T. *see* Yao, J.-H. 27187
Verma, V., Chien, C. A VHDL based functional compiler for optimum architecture generation of FIR filters 11577
Verma, V., Swaneck, A. Innovative adaptations of commercial flash memories for military systems 8584
Verma, V. *see* Hathaway, T. 35774
Vermaas, L.L.G. *see* Pimenta, T.C. 53384
Verman, A.K. *see* Goyal, R.K. 6875
Vermeersch, B.A. *see* Poelman, D. 44267
Vermeij, O. *see* Jonker, P.P. 15883
Vermeiren, C. *see* Medigue, C. 18196
Vermeiren, F. *see* Milants, K. 42370
Vermelho, M.V.D. *see* Amorim, H.T. 14362
Vermelho, M.V.D. *see* de Araujo, M.T. 33659
Vermeulen, B.C.B., Koomen, P.J., Hoogeboom, P., Snoeij, P., Pouwels, H. C-band solid state dual polarization T/R modules for airborne SAR systems 27042
Vermeulen, B.C.B., Paquay, M.H., Koomen, P.J., Hoogeboom, P., Snoeij, P., Pouwels, H. Amplitude and phase calibration of an dual polarized active phased array antenna 14763
Vermeulen, B.C.B. *see* Snoeij, P. 16914
Vermeulen, F.E. *see* Van Petegem, W.E.A. 45325
Vermeulen, H.J. Estimation of capacitive voltage transformer parameters from the secondary input impedance frequency response 19829
Vermeulen, H.J. *see* Ladewig, S.P. 19827
Vermeulen, M. *see* Nour, C.A. 59581
Vermeulen, T., Poortmans, J., Said, K., Evrard, O., Laureys, W., Caymax, M., Nijs, J., Mertens, R., Vinckier, C. Interaction between bulk and surface passivation mechanisms in thin film solar cells on defected silicon substrates 39027
Vermeulen, T. *see* Poortmans, J. 32190
Vermiglio, R. *see* Bellen, A. 10528
Vermiglio, R. *see* Jackiewicz, Z. 10515
Vermiglio, R. *see* Jackiewicz, Z. 10537
Vermote, E.R. *see* Brown de Colstoun, E.C. 18766
Vernalde, S. *see* Schaumont, P. 35850
Vernat-Rossi, V., Garcia, C., Talon, R., Denoyer, C., Berdague, J.-L. Rapid discrimination of meat products and bacterial strains using semiconductor gas sensors 48708
Vernazza, G., Dellepiane, S., Mari, M. Nonlinear image filtering through the use of fuzzy topology 57122
Vernazza, G. *see* Roli, F. 5030
Vernazza, T. *see* Christillin, M. 57728
Verne, S. *see* Alquie, C. 43572
Verne, S. *see* Kabir, F. 19354
Vernel, P. Co design teaching experiences with simple and cheap tools 9875
Verner, J.H. High-order explicit Runge-Kutta pairs with low stage order 10542
Vernes, A. *see* Ebert, H. 3159
Vernet, G. *see* Aniel, F. 54696
Vernet, G. *see* Megherbi, S. 9914
Vernick, M. *see* Tzi-Cker Chiueh 35057
Vernieres, M.-C. *see* Leray, I. 48710
Vernika, I.V., Keil, S., Thyssen, N., Doderer, T., Ustinov, A.V., Kohlstedt, H., Huebener, R.P. Fluxon pinning in annular Josephson junctions by an external magnetic field 32906
Vernin, J. *see* Masciadri, E. 44830
Vernois, J. *see* Ntsoenzok, E. 54020
Vernon, M.K. *see* Jamrozik, H.A. 5943
Vernon, S.P. *see* Kania, D.R. 22664
Vernotte, F. Multi-variance approach of the oscillator frequency noise 1183
Vernotte, F., Zalamansky, G., McHugh, M., Lantz, E. Estimation of the upper limit on the level of an undetected noise. Application to the study of millisecond pulsars 17021
Vernotte, F., Zalamansky, G., McHugh, M., Lantz, E. Spectral analysis of irregularly spaced timing data: comparison of several methods 36929
Vernotte, J.F. *see* Sancha, J.L. 50300
Verolino, L. *see* Miano, G. 45061
Veron, A. *see* Halmagean, E. 49576
Veron, M.B. *see* Etgens, V.H. 12756
Veron, M.B. *see* Sauvage-Simkin, M. 2040
Veron, P. Improved identification schemes based on error-correcting codes 24756
Verona, E. *see* Anisimkin, V.I. 36772
Verona, E. *see* Caliendo, C. 58719
Verplaetse, C. Inertial proprioceptive devices: self-motion-sensing toys and tools 17247
Verrall, G.S. Safety case management at Sizewell B 9031
Verrazzani, L. *see* Gini, F. 58417
Verrecchia, P. *see* Alexeev, G. 59200
Verret, E.J. *see* Varahramyan, K. 2252
Verri, A., Uras, C. Aspect-based object recognition with size functions 5139

Verri, A. *see* Pizlo, Z. 57142
Verrill, M.W. *see* Doyle, V.L. 59474
Verscheure, O., Basso, A., El-Maliki, M., Hubaux, J.P. Perceptual bit allocation for MPEG-2 CBR video coding 57106
Verscheure, O., Hubaux, J.-P. Perceptual video quality and activity metrics: optimization of video service based on MPEG-2 encoding 26339
Verscheure, O. *see* Garcia Adanez, X. 16426
Verschuren, C.A., Leys, M.R., Oei, Y.S., Vreeburg, C.G.M., Vonk, H., Rongen, R.T.H., Wolter, J.H. Surface morphology of InP/InGaAs in selective area growth by chemical beam epitaxy 52647
Verschuren, C.A. *see* Vreeburg, C.G.M. 44024
Verschuur, J.W.J., Ernst, G.J., van Oerle, B.M., Bisero, D. The effect of transverse modes in a wave-guide resonator on the resonance condition of a Compton FEL 14202
Verschuur, J.W.J. *see* Bisero, D. 12067
Verschuur, J.W.J. *see* Bisero, D. 41743
Verschuur, J.W.J. *see* Witteman, W.J. 55743
Verstraeten, M. *see* Lippens, P. 5022
Verstraelen, M. *see* Bruls, E. 13092
Vert, J. *see* Short, R. 47161
Vertan, C., Malciu, M., Buzuloiu, V., Popescu, V. Median filtering techniques for vector valued signals 57030
Vertesy, G. *see* Kisielewski, M. 3174
Vertikov, A. *see* Jeon, E.S. 12503
Vertikov, A. *see* Kozlov, V. 24157
Vertiy, A.A., Gavrilov, S.P., Armagan, D.S., Olcer, I. Transient response of an open resonator in the time domain 53556
Vertiy, A.A., Gavrilov, S.P., Aydinlik, S., Samedov, S. Circular groove shaped resonator for millimeter waves 11661
Vertiy, A.A., Gavrilov, S.P., Ozel, M.E. Millimeter wave investigation of dielectric cylinders absorption cross-section by resonant method 17750
Vertiy, A.A., Gavrilov, S.P., Ozel, M.E., Anichenko, S.E. Millimeter waveband resonator method for absorption cross-section determination of vegetation stalks 50230
Vertiy, A.A., Gavrilov, S.P., Tretyakov, O.A., Ozel, M.E. Determination of electrodynamical parameters of dielectric pipe-shaped materials using millimeter wave cavity 27857
Vertiy, A.A., Gudym, I.Ya., Ivanchenko, I.V., Popenko, N.A. Resonance cell of EPR spectrometer for investigation of semimagnetic-semiconductor characteristics 11648
Vertiy, A.A. *see* Gavrilov, S.P. 14684
Vertommen, J. *see* Goethals, A.M. 2523
Vertregt, M. *see* Tuinhout, H. 43277
Veruttipong, W. Gaussian beam iteration technique for a wideband multiple reflector design 34291
Ververs, P.M., Wickens, C.D. The effect of clutter and lowlighting symbology on pilot performance with head-up displays 59937
Vervoort, L. *see* Bassani, F. 12392
Verwer, J.G. Explicit Runge-Kutta methods for parabolic partial differential equations 10543
Verwer, J.G., Sommeijer, B.P. Stability analysis of an odd-even-line hopscotch method for three-dimensional advection-diffusion problems 40291
Verweyen, L. *see* Muller, J.-E. 41493
Verweyen, N. *see* Kralemann, M. 38590
Verwiebe, F. *see* Rieken, R. 26284
Verwilghen, B. *see* Verbandt, Y. 58798
Verwimp, I. *see* Berghmans, F. 38538
Verzellesi, G. *see* Bacchetta, N. 59289
Verzellesi, G. *see* Colalongo, L. 58724
Verzellesi, G. *see* Lui, A. 48463
Verzunov, S.V. *see* Lucas, K.D. 2522
Verzwyvelt, M.A. *see* Kim, N.P. 38019
Verzwyvelt, S.A. *see* Lim, H.S. 29533
Vesa, E. *see* Bonnaud, O. 9879
Vescan, A., Gluche, P., Ebert, W., Kohn, E. High-temperature, high-voltage operation of pulse-doped diamond MESFET 54687
Vescan, L. *see* Chretien, O. 2161
Vescan, L. *see* Chretien, O. 12371
Vescan, L. *see* Hartmann, A. 790
Vescan, L. *see* Higgs, V. 54207
Vescan, L. *see* Hollaender, B. 54053
Vescan, L. *see* Kruger, M. 33257
Vescan, L. *see* Langen, W. 2715
Vescan, L. *see* Popescu, C. 2104
Vescan, L. *see* Souifi, A. 2174
Vescan, L. *see* Tetelin, E. 2382
Vescan, L. *see* Wickenhauser, S. 22291
Veschambre, Y. *see* Poupinel, J.-F. 58540
Vescovi, F. *see* Davidson, M.J.W. 18935
Vescovo, R. Phase-only null control for circular arrays 34401
Vesecky, J.F., Cornwall, J.M. Integrated design of synthetic aperture radars for unmanned aircraft 8408
Vesecky, J.F. *see* Daida, J.M. 8369
Vesecky, J.F. *see* Daida, J.M. 8484
Vesecky, J.F. *see* Daida, J.M. 18891
Vesecky, J.F. *see* Daida, J.M. 60021
Veselinovic, P., Leenaerts, D. A method for automatic generation of piecewise linear models 1102
Veselka, J.J., Korotky, S.K. Pulse generation for soliton systems using lithium niobate modulators 47950
Veselka, J.J., Korotky, S.K., Gnauck, A.H., Raybon, G., Froberg, N.M. A data encoded pulse transmitter using a CW laser and an NRZ driven Mach-Zehnder modulator 26757
Veselka, J.J. *see* Hansen, P.B. 26730
Veselka, J.J. *see* Korotky, S.K. 13700
Veselkaf, Z. *see* Litzbarski, E. 38702
Veselko, M. *see* Trobec, R. 7860
Veselov, L.M., Popov, I.A. Vibration monitoring by use of modulated dynamic speckle 48948
Veselov, L.M. *see* Popov, I.A. 48929
Vesely, I. *see* Duncan, A.C. 59791
Vesely, M. *see* Adamcik, I. 9884
Vesely, V., Mudroncik, D., Papadopoulos, D.P. Decentralized variable structure control of power systems 60274
Vesely, V. *see* Harsanyi, L. 39445
Vesely, W.E. Strategies for justifying risk-based technical specifications [nuclear plants] 38570
Veshcherevich, V. *see* Befomestnykh, S. 49247
Veshutkin, V. *see* Smirnov, G. 18190
Vesin, J.-M. *see* Vibe-Rheymer, K. 46005
Vesin, J.M. *see* Mattavelli, M. 46004
Vesma, J., Saramaki, T. Interpolation filters with arbitrary frequency response for all-digital receivers 1599
Vespasiani, G., Bruni, M., Meloncelli, I., Clementi, L., Amoretti, R., Branca, S., Carinci, F., Lostia, S., Nicolucci, A., Romagnoli, F., Verga, S., Benedetti, M.M. Validation of a computerised measurement system for guided routine evaluation of cardiovascular autonomic neuropathy 18180
Vespasiano, G., Di Cesare, P., Artiglia, M., Tambosso, T. Measurement of noise figure in erbium doped fiber amplifiers 3721
Vessot, F.C. *see* Mattison, E.M. 48957
Vessot, R.F.C., Matilson, E.M., Nystrom, G.U., Coyle, L.M., Boyd, D., Hoffman, T.E. High precision time transfer to test an H-maser on Mir 48294
Vessot, R.F.C. *see* Walsworth, R.L. 44324
Vesterbacka, M., Palmkvist, K., Wanhammar, L. Maximally fast, bit-serial lattice wave digital filters 41343
Vestli, K. *see* Lokberg, O.J. 4098
Vestweber, H. *see* Schaefer, O. 33292
Vestweber, H. *see* Tak, Y.-H. 23699
Vetelino, J.F. *see* Caron, J.J. 13242
Vetelino, J.F. *see* Caron, J.J. 23169
Vetelino, J.F. *see* Galipeau, J.D. 27735
Vetelino, J.F. *see* LeGore, L.J. 27736
Vetelino, J.F. *see* Schweyer, M.G. 27484
Vetelino, K.A., Story, P.R., De Clercq, B., Galipeau, D.W. A novel microsensor technique for electronic material surface characterization and studying the effects of plasma treatments 17294
Vetelino, K.A., Story, P.R., Mileham, R.D., Galipeau, D.W. Improved dew point measurements based on a SAW sensor 27481
Vetellino, J.F. *see* Jeffrey, C. 17305
Vetrella, S. *see* Alberti, G. 28595
Vetrella, U.B. *see* Ventura, L. 39008
Vetro, A. *see* Yao Wang 15691
Vetrone, J. *see* Foster, C.M. 40313
Vetrone, J. *see* Foster, C.M. 52794
Vetter, H. Dry metallised plastic capacitors render modern locos less massive 39297
Vetter, J., Knaup, R., Dwuletzki, H., Schneider, E., Vogler, S. Hard coatings for lubrication reduction in metal forming 51891
Vetter, P. *see* Angelopoulos, J. 58264
Vetter, P. *see* Van Deventer, M.O. 26850
Vetter, P.J., Vandewege, J., De Pestel, G., Tan, Q., Migom, F., Van Koetsem, J., Morlion, D., Picard, A., Ambrosy, A., Vendrome, G. Optical interconnection using "fibre in board" technology 13603
Vetter, T. Learning novel views to a single face image 15874
Vetter, T. *see* Blanz, V. 15871
Vetterli, D. *see* Mazza, E. 1015
Vetterli, M., Cvetkovic, Z. Oversampled FIR filter banks and frames in $l^2(Z)$ 15307
Vetterli, M. *see* Amir, E. 56717
Vetterli, M. *see* Cvetkovic, Z. 34955
Vetterli, M. *see* Goodwin, M. 34916
Vetterli, M. *see* Goyal, V.K. 14861
Vetterli, M. *see* Goyal, V.K. 56616
Vetterli, M. *see* Goyal, V.K. 57249
Vetterli, M. *see* Ortega, A. 56511
Vetterli, M. *see* Park, H. 45861
Vetterli, M. *see* Radha, H. 15482
Vettier, C. *see* Goulon, J. 49357
Vettiger, P. *see* Brugger, J. 43400
Vettiger, P. *see* Despont, M. 32320
Veugen, T. A simple class of capacity-achieving strategies for discrete memoryless channels with feedback 24620
Veuhoff, E. *see* Keidler, M. 40341
Veuillen, J.Y. *see* Brun-Le Cunff, D. 10699
Veuillen, J.Y. *see* Martin-Gago, J.A. 30756
Veve, C., Martinuzzi, S. Non-destructive techniques applied to the detection of oxygen or metallic precipitates in annealed Cz silicon wafers 12206
Vexler, M.I. *see* Grekhov, I.V. 42338
Vey, J.-L., Auen, K., Elsasser, W. Generation of twin photon beams with semiconductor lasers: experiments and semiclassical description 55765
Vey, J.-L. *see* Gallion, P. 44448
Vey, J.-L. *see* Jeremie, F. 44470
Veyo, S.E. The Westinghouse solid oxide fuel cell program–a status report 20023
Vezin, B. *see* Kasparian, J. 55890
Vezin, B. *see* Yu, J. 3737
Veziroglu, T.N. *see* Contreras, A. 50692
Vezzini, A., Reichert, K. Power electronics layout in a hybrid electric or electric vehicle drive system 29787
Vezzoli, L., Lorenzini, L. Intelligent mobile video on demand 47329
Via, C.Da *see* Da Via, C.
Via, F.La *see* La Via, F.
Via, G.D. *see* DeSalvo, G.C. 12761
Vial, F. *see* Loubet, G. 48031
Vial, J.-F. *see* Francois, E. 35184
Vial, J.C. *see* Bassani, F. 12392
Viala, M. *see* Arnoul, P. 46521
Viala, M. *see* Naudet, S. 46520
Vialle, J.P. *see* Alexeev, G. 59200
Viana, B. *see* Simondi-Teisseire, B. 14024
Vianco, P., Rejent, J., Artaki, I., Ray, U., Finley, D., Jackson, A. Compatibility of lead-free solders with lead containing surface finishes as a reliability issue in electronic assemblies 1779
Vianco, P.T., Claghorn, A.C. Effect of substrate preheating on solderability performance as a guideline for assembly process development. I. Baseline analysis 11890
Vianco, P.T., Rejent, J.A. Capillary flow solder wettability test 40703
Vianco, P.T., Sifford, C.H., Romero, J.A. Resistivity and adhesive strength of thin film metallizations on single crystal quartz 54911
Vianco, P.T. *see* Ray, U. 22060
Vianello, F., Stefani, A., Di Paolo, M.L., Rigo, A., Lui, A., Margesin, B., Zen, M., Scarpa, M., Soncini, G. Potentiometric detection of formaldehyde in air by an aldehyde dehydrogenase FET 50213
Viano, G.A. *see* Magnoli, N. 56136
Viargues, F. *see* Van Sciver, S.W. 43854
Viargues, F. *see* Welton, S.J. 43855
Viarouge, P. *see* Fagundes, J.C.S. 51199
Vibe-Rheymer, K., Vesin, J.-M. Using statistical parameters for chaos detection 46005
Viberg, M., Stoica, P., Ottersten, B. Maximum likelihood array processing in spatially correlated noise fields using parameterized signals 45943
Viberg, M. *see* Stoica, P. 4681
Viberg, M. *see* Stoica, P. 15339
Viberg, M. *see* Stoica, P. 25128
Vibert, J.-F. *see* Pakdaman, K. 37830
Vibert, P. *see* Gerstenmayer, J.L. 37351
Vicalvi, S. *see* Gori, F. 55776
Vicalvi, S. *see* Santarsiero, M. 44622
Vicalvi, S. *see* Santarsiero, M. 55778
Vicari, L. *see* Bloisi, F. 44105
Vicente, F.A., Kelly, C.E., Loughin, S. Thermophotovoltaic (TPV) applications to space power generation 18689
Vicente, K.J. Operator adaptation in process control: a three-year research program 50738
Vicente, K.San *see* San Vicente, K.
Vicente, P. *see* Booker, G.R. 52669
Vicenzi, E.P. *see* Wu, Y. 23442
Vicere, A. *see* Luiten, A.N. 48500
Vich, R., Pribil, J. Mixed excitation in the cepstral speech synthesis system 34677
Vichare, M., Kazimierczuk, M., Ramalingam, M.L., Roth, M., Reinhardt, K. High-temperature dynamic characterization of 4H-silicon carbide p-n diodes 12883
Vichare, M., Kazimierczuk, M., Ramalingam, M.L., Tolkinnen, L., Reinhardt, K., Marciniak, M.M. Thermal effects on the dynamics of 4H-silicon carbide MOSFETs 12980
Vichot, P., Dunn, J., Piket-May, M., Thiele, E., Schoenborn, Z. Numerical modeling of a clock distribution network for a superconducting multichip module 41223
Vick, B.D., Clark, R.N. Performance of wind-electric and solar-PV water pumping systems for watering livestock 29922
Vick, R. *see* Habiger, E. 14631
Vickers, A. *see* Bate, I. 8251
Vickers, B.J., Meejeong Lee, Suda, T. Feedback control mechanisms for real-time multipoint video services 57559
Vickers, B.J. *see* Chen, L.T. 6315
Vickers, S. *see* Hayes, S. 17453
Vickers Benzel, T.C. *see* Sebes, E.J. 26109
Vickery, A. *see* Kupferman, S.L. 27217
Vickson, R.G. *see* Zhang, Z.G. 35487
Vico, F.J., Jerez, J.M., Conde, I.M., Gonzalez, H., Ortega, F. Modeling synaptic plasticity for features detection 57204
Vico, F.J. *see* Bandera, C. 57203
Victor Lee Chung Sing *see* Lee Chung Sing Victor
Victora, R.H. *see* Yuan-Sheng Tyan 43900
Victoria, F.Lopez De *see* Lopez De Victoria, F.
Victoria, M. *see* Barak, J. 22216
Victorov, S. *see* Sukhacheva, L. 28663
Victorov, V. *see* Drozdovski, N.V. 53558
Victory, J. *see* Moncoqut, D. 22823
Vicuna, L.Garcia de *see* Garcia de Vicuna, L.
Vidakovic, P., Lovering, D.J., Levenson, J.A., Webjorn, J., St. J. Russell, P. Large nonlinear phase shift owing to cascaded $\chi^{(2)}$ in quasi-phase-matched bulk $LiNbO_3$ 55827
Vidakovic, P. *see* Levenson, J.A. 33710

Vidakovic, P. *see* Noirie, L. 33630
Vidakovik, P. *see* Zuo Wang 33634
Vidal, E. *see* Amengual, J.C. 15029
Vidal, J.J. *see* Carreira, J.M. 37712
Vidal, J.J. *see* Lado, M.J. 59443
Vidal, J.J. *see* Souto, M. 8023
Vidal, J.J. *see* Tahoces, P.G. 49448
Vidal, M.A. *see* Gudino-Martinez, A. 2000
Vidal, O.de los Santos *see* de los Santos Vidal, O.
Vidal-Verdu, F., Navas, R., Rodriguez-Vazquez, A. CMOS design of adaptive fuzzy ASICs using mixed-signal circuits 1630
Vidarte, C.T. *see* Perez, M.S. 34419
Videa, M. *see* Angell, C.A. 29557
Videen, G., Ngo, D. Light scattering from a cylinder near a plane interface: theory and comparison with experimental data 24493
Videen, T.O. *see* Black, K.J. 7939
Videla, N. *see* Lightstone, A.W. 28425
Vidic, M. *see* Harb, S.M. 36524
Vidimari, F. *see* Francesio, L. 10726
Vidmar, M. 13 cm PSK transceiver for 1.2 Mbit/s packet radio. 2 (conclusion) 26475
Vidmar, T. *see* Ciglaric, M. 26145
Vidovic, N. *see* Xiao, Z. 48606
Vidts, P.de *see* de Vidts, P.
Viduya, L.A., Gerbsch, E.W., Hayes, M.B., Campbell, R.J., Nakanishi, T.G. The effects of solder voids in the device to substrate interface for electric vehicle and other power applications 29839
Vidyasagar, M. *see* Kulkarni, S.R. 25082
Viehbeck, A. *see* Lee, K.-W. 187
Viehbeck, A. *see* Shaw, J.M. 10229
Viehland, D. *see* Qi Tan 2951
Viehland, D. *see* Qi Tan 32651
Veider, C. *see* Lindgren, S. 33542
Veil, E. *see* Vorotyntsev, M.A. 9504
Vieira, A.J.C., Herczfeld, P.R., Rankin, M., Contarino, V.M. Fabry-Perot intensity modulator 13704
Vieira, J.M.N., Ferreira, P.J.S.G. Noniterative reconstruction of band limited signals and coding techniques 45905
Vieira, Jr., N.D. *see* Ranieri, I.M. 10604
Vieira, K. *see* Wilamowski, B.M. 15703
Vieira, M. Speed photodetectors based on amorphous and microcrystalline silicon p-i-n devices 23679
Vieira, M. *see* Fantoni, A. 20035
Vieira, M.de Sousa *see* de Sousa Vieira, M.
Vieira, M.M.F. *see* Baldochi, S.L. 10600
Vieira, N.D., Jr. *see* Baldochi, S.L. 10600
Vieira, S.L., Gomes, N.R., Teixeira, A. A distributed MPEG player with jitter control 47365
Vieiro, A. *see* Ares, F. 34373
Vieiro, A. *see* Ares, F. 45427
Vienne, F., Zunino, G., Desodt, A.M., Jolly, D. Application of fuzzy logic to the fusion of information in the framework of man-machine interface 45502
Vienne, G.G., Brocklesby, W.S., Brown, R.S., Chen, Z.J., Minelly, J.D., Roman, J.E., Payne, D.N. Role of aluminum in ytterbium-erbium codoped phosphoaluminosilicate optical fibers 13567
Vienne, G.G. *see* Fermann, M.E. 33403
Vienne, G.G. *see* Galvanauskas, A. 33406
Viens, Y. *see* Boudreau, D. 4915
Vierbicher, H.L. *see* Seabright, J. 28763
Viereck, H. *see* Schmid, R. 56892
Vieren, J.P. *see* Berroir, J.M. 2170
Vieren, J.P. *see* Berroir, J.M. 12393
Vieren, J.P. *see* Zanier, S. 12335
Viergever, E.P. *see* Levert, J.V. 37815
Viergever, M.A. *see* Bakker, C.J. 28168
Viergever, M.A. *see* Bouma, C.J. 18382
Viergever, M.A. *see* Niessen, W.J. 46318
Viergever, M.A. *see* Niessen, W.J. 46420
Viergever, M.A. *see* Vincken, K.L. 46072
Viergever, M.A. *see* Weickert, J.A. 56936
Viergever, M.A. *see* Zuiderveld, K.J. 25252
Vierhaus, H.-T. *see* Wilberg, J. 15503
Vierhaus, H.T. *see* Dahmen, H.-Ch. 21446
Vieri, C. *see* Yang, I.Y. 54810
Vierk, S.D. *see* Kuo, D. 33769
Vierling, L.A., Deering, D.W., Eck, T.F. Nadir and bidirectional surface measurements of Arctic tundra: site differentiation and vegetation phenology early in the growing season 18764
Viersen, P.M., Hoeve, R., Rey, J.P., van Duivenbode, R. Object-oriented design in power engineering education 30038
Viertel, G. *see* Adam, A. 37280
Vieru, T.S. *see* Dorogan, V.V. 13833
Viesti, G. *see* Fioretto, E. 59283
Viet-Nam Dang *see* Konrad, J. 57013
Vieth, M. *see* Van den Berg, H.A.M. 43669
Vietze, O. *see* Spirig, T. 53350
Vietze, O. *see* Spirig, T. 58849
Vietzorreck, L., Pregla, R. Hybrid analysis of three-dimensional MMIC elements by the method of lines 21940
Vieu, C., Gierak, J., Lagadec, Y., Bourlange, A., Larigaldie, D., Wang, Z., Flicstein, J., Launois, H. Gold nanograins deposited from a liquid metal ion source [for Coulomb blockade device fabrication] 40622
Vieu, C., Mejias, M., Carcenac, F., Faini, G., Launois, H. Sub-10 nm monogranular metallic lines formed by 200 kV electron-beam lithography and lift-off in polymethylmethacrylate resist 42703
Vieu, C. *see* Carcenac, F. 32289
Vieu, C. *see* Gierak, J. 42893
Vieu, C. *see* Mariette, H. 12721
Vieu, C. *see* Pepin, A. 10845
Vieu, C. *see* Pepin, A. 42197
Vieu, C. *see* Ressier, L. 32025
Vieu, C. *see* Straub, H. 12255
Vieu, P., Pelegrina, L., Sarda, P. On multidimensional nonparametric regression 425
Vieville, T., Zeller, C., Robert, L. Using collineations to compute motion and structure in an uncalibrated image sequence 15829
Vieville, T. *see* Lingrand, D. 5300
Vig, J.R. *see* Ballato, J.M. 13232
Vig, J.R. *see* Ferre-Pikal, E.S. 13374
Vig, R., Yabusaki, H. TPOS–new generation of adaptive Hall sensors [for gear tooth sensing] 58680
Vigeland, R. *see* Johnson, E.W. 11089
Viggiano, K. *see* Chan, M.L. 43757
Vigier, P. *see* Dumas, J.M. 9908
Vigil, J.A. *see* De Lyon, T.J. 48645
Vigil, J.J. *see* Taggart, D.P. 49359
Vigil, O., Stolik, D., Lozada-Morales, R., Zelaya-Angel, O., Mendoza-Alvarez, J.G. Thermally stimulated current studies on CdS polycrystalline thin films 2008
Vigil, O. *see* Stolik, D. 9535
Vigil, S. *see* Kuzyk, M.G. 7372
Vigl, H. *see* Lami, E. 33839
Viglietti, W. *see* Boglietti, A. 29738
Viglin, N.A. *see* Gizhevskii, B.A. 32153
Vignaud, D. *see* Cribier, M. 59193
Vignola, J.F., Simpson, H., Houston, B.H. Measurement of internal and external three-dimensional velocities of a submerged shell surface by optical vibrometry 58782
Vignon, P. *see* Mor-Avi, V. 37732
Vigo, D. *see* Fischetti, M. 21078
Vigon, B.W., Tolle, D.A., Evers, D.P., Freeman, S.L., Humphreys, K.K., Wend, C.F., Landucci, R. Life cycle assessment of biomass conversion to feedstock chemicals 28985
Vigotti, R. International Energy Agency photovoltaic power systems implementing agreement 19613
Vigouroux, N. *see* Oriola, B. 4603
Vigroux, L. *see* Cesarsky, C.J. 36548
Viik, J., Hyttinen, J., Lehtinen, R., Malmivuo, J. Synthesized ECG leads in detection of coronary artery disease 49661
Viitanen, J., Siirtola, H., Stanek, Z. Depth from focus using a compact camera arrangement 35016
Vijan, M. *see* Cannella, V. 13733
Vijay, D.P. *see* Onishi, S. 43589
Vijay Kumar, P. *see* Helleseth, T. 4539
Vijaya, G., Kumar, V. Verma, H.K. Artificial neural network based wave complex detection in electrocardiograms 49585
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 8688
Vijaya Sankar, K. *see* Demanet, C.M. 2019
Vijayakumar, A., Csoregi, E., Ruzgas, T., Gorton, L. Comparison of carbon paste electrodes modified with native and polyethylene glycol derivatized horseradish peroxidases for the amperometric monitoring of H_2O_2 48699
Vijayakumar, K.P. *see* Varkey, K.P. 54172
Vijayamohanan, K. *see* Pingale, S.S. 17870
Vijayananda, K. *see* Berthet, G. 46763
Vijayananda, K. *see* Noubir, G. 46762
Vijayaraghavan, R. *see* George, J. 1556
Vijaykrishnan, N., Ranganathan, N., Bhavanishankar, N. DFLAP: a dynamic frequency linear array processor 53345
Vijaykrishnan, N. *see* Ranganathan, N. 5187
Vijaykrishnan, N. *see* Ranganathan, N. 11467
Vijh, A.K. Electrochemical nature of metal-insulator interfaces 12058
Vikestad, K. *see* Larsen, C.M. 38090
Vikhagen, E., Lokberg, O.J. Speckle averaging in deformation analysis using video speckle interferometry 33751
Vikharev, A.L., Ivanov, O.A., Kolysko, A.L. Efficient surface wave launcher in the millimeter range 12060
Vikharev, A.L., Kovalev, N.F., Petelin, M.I. Distributed wave-beam switches and microwave pulse compressors 12125
Vikhor, L.N. *see* Anatychuk, L.I. 39233
Vikhor, L.N. *see* Anatychuk, L.I. 39436
Vikor, G., Ricz, S., Koever, A., Sulik, B., Toth, L., Kadar, I. Ion-electron coincidence extensions for an electrostatic electron spectrometer 18141
Vikram, C.S. Image formation in detuned interference-filter-aided in-line Fraunhofer holography 14433
Vikram, C.S. *see* McDevitt, T.E. 48950
Viktorov, E.A., Mandel, P. Clustering response to multimode laser gain modulation at very low frequency 23861
Viktorov, I.A. *see* Gremenok, V.F. 22292
Viktorov, V. *see* Belforte, G. 27508
Viktorovitch, P., Rojo-Romeo, P., Leclercq, J.L., Letartre, X., Tardy, J., Oustric, M., Gendry, M. Low frequency noise sources in InAlAs/InGaAs MODFETs 13018
Viktorovitch, P. *see* Hjort, K. 44196
Vikulin, I.M. *see* Batrakov, V.V. 17577
Vikulov, O.V. *see* Merkulov, V.I. 4753
Vikulov, V.A. *see* Skryshevsky, V.A. 39011
Vila, A.de *see* de Vila, A.
Vila, J. *see* Echague, J. 6129
Vila, J. *see* Presedo, J. 49626
Vila, M.A. *see* Cubero, J.C. 40044
Vila, R., Ibarra, A., Hodgson, E.R. Dielectric properties during electron irradiation of alternative materials for gyrotron windows 32608
Vila-Sallent, J. *see* Sole-Pareta, J. 26115
Vilain, B. Service creation: tools expectation and service life cycle 47269
Vilain, J.-P. *see* Ki-Chul Kim 60761
Vilain, J.-P. *see* Ki-Chul Kim 60766
Vilain, P. *see* Annis, P. 59237
Vilain, S., Ebothe, J., Troyon, M. Surface roughness and composition effects on the magnetic properties of electrodeposited Ni-Co alloys 3147
Vilaithong, T. *see* Singkarat, S. 37454
Vilanskaya, S.V. *see* Mansurov, V.A. 49385
Vilar, E. *see* Ndzi, D. 35918
Vilar, E. *see* Shen, X. 24487
Vilares Ferro, M. *see* Grana Gil, J. 35501
Vilas-Boas, J.W.S., Bakor, Y., Schaal, R.E., Hadano, R.Y. A cryogenic radiometer for radioastronomical observations in K band 17013
Vilasdechanon, J. *see* Sugino, N. 53324
Vilaseca, R. *see* Gilmore, R. 55485
Vilaseca, R. *see* Kul'minskii, A. 14209
Vilaseca, R. *see* Martorell, J. 33669
Vilaseca, R. *see* Pisarchik, A.N. 55484
Vilaseca, R. *see* Roldan, E. 44337
Vilasuso, R. *see* Serry, F.M. 27517
Vilathgamuwa, D.M. *see* King-Jet Tseng 53035
Vilathgamuwa, D.M. *see* Tseng, K.J. 32646
Vilathgamuwa, M., Deng Junhong Volterra series analysis of spectral components in quasi-resonant d.c.-d.c. converters 53012
Vilathgamuwa, M. *see* Junhong, D. 38824
Vilcarromero, J., Marques, F.C. Band-gap tailoring in amorphous hydrogenated germanium-nitrogen alloys 2066
Vilcot, A. *see* Cabon, B. 58314
Vilcot, A. *see* Corrao, N. 9916
Vilcot, J.P. *see* Jin, G.H. 33086
Vil'danov, K.Ya. *see* Kovalev, L.K. 60703
Vil'danov, K.Ya. *see* Kovaliov, L.K. 29266
Vildanov, R.R., Eshmurzaeva, L.Kh., Yakubov, A.N. Recording of the optical phase by the method of photon correlation interferometry 59047
Vilela, E. *see* Cecchini, S. 7822
Vilela, J.M.C. *see* Freire, S.L.S. 22376
Vilela, M.F. *see* Medelci, N. 12338
Vilemas, J. Safety improvement program of the Ignalina NPP and development of technical support organizations in Lithuania 38483
Vilgis, M. *see* Burgkhardt, B. 7823
Vilim, R.B., Wegerich, S.W. A neural network classifier with analytic translation and scaling capabilities for optimal signal viewing 15236
Vilkelis, G. *see* Iwanczyk, J.S. 37343
Vilkelis, G. *see* Pandey, S.U. 37293
Vilkelis, G. *see* Patt, B.E. 37341
Vilkomerson, D., Greenleaf, J., Dutt, V. Towards a resolution metric for medical ultrasonic imaging 28122
Vilkomerson, D., Lyons, D. A system for ultrasonic beacon-guidance of catheters and other minimally-invasive medical devices 59422
Villa, E. *see* Cattaneo, G.M. 59776
Villa, F., Luccio, A., Zolotorev, M. A source of kilovoit X-ray 59347
Villa, F.Da *see* Da Villa, F.
Villa, S., Lacaita, A.L., Di Carlo, A., Lugli, P. Light emission from direct and phonon-assisted processes in AlGaAs-GaAs HBT's 54608
Villa, S., Lacaita, A.L., Perron, L., Bez, R. Effective mobility in heavily doped n-MOSFETs: measurements and models 43022
Villacci, D. *see* Daponte, P. 8983
Villadangos, J.M., Mazo, M., Boquete, L., Mataix, C., Garcia, J.J., Urena, J. Touch memories. 1 21681
Villadsen, G.E. *see* Storkholm, J.H. 49671
Villagran-Muniz, M. *see* Ramos-Ortiz, G. 3710
Villagran-Muniz, M. *see* Ramos-Ortiz, G. 3959
Villain, J.-P. *see* Andre, R. 38058
Villalba, J. *see* Antelo, E. 15201
Villalva, V.M. *see* Vega-Pineda, J. 5547
Villani, A., Clark, W. Ceramic strength and Weibull statistics variation as a function of sample size 30286
Villani, A. *see* Cheng-Liang Huang 43046
Villani, M. *see* Conti, G. 50960
Villani, M. *see* Di Stefano, R. 60969
Villani, M. *see* Higuchi, T. 50957
Villani, M. *see* Testa, L. 48444
Villanueva, E. *see* Ares, F. 34398
Villanueva, R.J. *see* Jodar, L. 381
Villar, J.Manuel Barrientos *see* Manuel Barrientos Villar, J.
Villard, G. Computing Popov and Hermite forms of polynomial matrices 21153
Villard, M.J. *see* Decaesteke, T. 58450
Villard, M.J. *see* Plana, R. 53566
Villareal, S., Zoghi, B. A collaborative multimedia, Web-based electronics course: project description and survey 20464
Villarica, R.M., Nash, F., Chaiken, J., Osman, J., Bussjager, R. Reversible photoredox processing of transition metal oxides 13561
Villaroel, J.A. *see* Castagno, R. 57093

Villarreal, A. *see* Berezin, A. 30364
Villarreal, J. *see* Cairo, O. 47867
Villarrubia, L., Gomez, L.H., Elvira, J.M., Torrecilla, J.C. Context-dependent units for vocabulary-independent Spanish speech recognition 15033
Villas-Boas, S.B., Mita, T., Liu, K.-Z. Extended H_∞ controller applied to frequency control of high-power generation system 38273
Villasenor, J., Schoner, B., Kang-Ngee Chia, Zapata, C., Hea Joung Kim, Jones, C., Lansing, S., Mangione-Smith, B. Configurable computing solutions for automatic target recognition 25485
Villasenor, J. *see* Chen, F. 24731
Villasenor, J.D. *see* Feng Chen 57285
Villasensor, J.D. *see* Min-Jen Tsai 56961
Villasol, R. *see* Gang Bai 2437
Villata, F. *see* Fratta, A. 9590
Villata, F. *see* Fratta, A. 9711
Villata, F. *see* Fratta, A. 61216
Villate, D. *see* Gardelle, J. 7717
Villaume, G. *see* Allison, W.W.M. 37269
Villebrun, E. *see* Papke, L. 4465
Villeforceix, B. *see* Berghoff, G. 27871
Villegas, P. *see* Blanco, C. 51830
Villegas, P.J. *see* Alonso, J.M. 51828
Villegas, P.J. *see* Blanco, C. 39396
Villegas, R.J., Ramos, J.C., Solis, J. Laguna Verde ATWS analysis with RAMONA-3B, after a MSIVs closure 38580
Villegier, J.-C. *see* Mechin, L. 23426
Villegier, J.-C. *see* Mechin, L. 36552
Villegier, J.C. *see* Nicoletti, S. 3293
Villela, T. *see* Torres, S. 36292
Villeneuve, A. *see* Aitchison, J.S. 33720
Villeneuve, A. *see* Pare, C. 47932
Villeneuve, A. *see* Stegeman, G.I. 33697
Villeneuve, G., Kulkarni, D., Bastnagel, P., Berry, D. Dynamic finite element analysis simulation of the terminal crimping process 11836
Villeneuve, L. *see* Gharbi, A. 9980
Villeneuve, P.R., Abrams, D.S., Shanhui Fan, Joannopoulos, J.D. Single-mode waveguide microcavity for fast optical switching 33059
Villeneuve, P.R. *see* Chen, J.C. 3558
Villeneuve, P.R. *see* Shanhui Fan 55459
Villenueve, P.R. *see* Chen, J.C. 44180
Villiargio, M. *see* Mormile, P. 7274
Villing, A. *see* Frauel, Y. 23618
Villmer, A. The development of virtual prototypes by means of CAD-mechatronics 30137
Villone, F. *see* Formisano, A. 51628
Villoresi, G. *see* Ptitsyna, N.G. 28456
Villoresi, P. *see* Giammanco, F. 55901
Villotte, J.P. *see* Berghoff, G. 27871
Villsboll, N., Pinegin, A., Goussarov, D., Bugge, J. Designing and testing a 20 kW multi-pole permanent magnet alternator for use in wind turbines 29188
Vilmercati, P. *see* Ferri, G. 58733
Vilmi, R. Helsinki University of Technology E-mail writing project 57771
Vilmur, P. *see* Natarajan, R. 16198
Vilsboll, N., Pinegin, A., Goussarov, D., Bugge, J. The experience of designing and testing 20 kW multipole permanent magnet generator for wind turbines 60626
Vimalchand, P. *see* Longanbach, J. 38617
Vimercati, S.De Capitani di *see* De Capitani di Vimercati, S.
Vina, L. *see* Sochinskii, N.V. 40389
Vinacco, K. *see* Limpaecher, R. 51269
Vinacco, K. *see* Limpaecher, R. 51270
Vinas, F.C. *see* Qing Hang Li 18219
Vinassa, J.M. *see* Clenet, S. 60795
Vince, D.G. *see* Shekhar, R. 28299
Vincensini, F., Grzymala, R., Liegeois, C., Doare, P., Gravey, P., Sorel, Y. Holographic optical backplane operated at 20 Gbit/s at 1.55 μm 26811
Vincent, A. *see* Tardif, F. 42601
Vincent, A. *see* Wang, D. 56876
Vincent, A. *see* Wang, L. 56629
Vincent, A. *see* Wang, L. 57263
Vincent, B. *see* Lacour, B. 13932
Vincent, C., Benoit, C., Olivier, R. Comparative evaluation of parameters of the dielectric breakdown test on transformer oil 23246
Vincent, C., Trinh, N.G., Olivier, R., Benoit, C., Freyhult, T., Pham, V.Q., Peloquin, B. Considerations on on-site evaluation of transformer oil quality 9310
Vincent, C. *see* Biron, D. 61338
Vincent, C. *see* Trinh, N.G. 23247
Vincent, D., Jorat, L., Noyel, G. A simple reflection/transmission method for study of dielectric and magnetic liquids in the frequency range 0.1-20 GHz 27877
Vincent, D.J. Can a minimum-norm least-squares technique help map the time course of the electrical sources in the brain imaged by functional MRI? 8069
Vincent, D.J., Worden, M., Schneider, W. Functional and structural MRI constraints applied to the inverse problem in electroencephalography 8070
Vincent, G. *see* de Barros, O. 2599
Vincent, G. *see* Le Tron, B. 54604
Vincent, H. *see* Brando, E. 3163
Vincent, H. *see* DeAlteris, J. 50290
Vincent, J. *see* Bouvy, R. 17096
Vincent, J.H., Richards, B.P., Wallis, D.R., Gunter, I.A., Billington, S.R., Harman, A.C., Knight, E., Tanner, C.G., Wright, B.M., Warwick, M.E., Steen, H.A.H., Harris, P.G., Whitmore, M.A. Alternative solders for electronic assemblies–assembly trials and preliminary reliability assessment 39770
Vincent, J.H. *see* Warwick, M.E. 39769
Vincent, M. IN service implementation in practice: a system integration point of view 35799
Vincent, M. *see* Guillemot, P. 27373
Vincent, M. *see* Meyer, F. 36934
Vincent, M. *see* Ronald, S. 10359
Vincent, N., Chenebault, J., Suinot, N., Mancini, P.L. Rain radar instrument definition 50075
Vincent, P. *see* Remy, F. 28655
Vincent, R.A. *see* Valentic, T.A. 18854
Vincent, R.A. *see* Valentic, T.A. 60058
Vincent, T. *see* Hankinson, M. 32168
Vincent, T.L., Khargonekar, P.P., Terry, F.L., Jr An Extended Kalman filtering-based method of processing reflectometry data for fast in-situ etch rate measurements 32166
Vincentis, G.De *see* De Vincentis, G.
Vinchant, J.-F. *see* Clesca, B. 26829
Vinchant, J.F. *see* Renaud, M. 16730
Vinci, R. *see* Pease, R.F. 32244
Vinci, R.P., Bravman, J.C. Finite element modeling of grain aspect ratio and strain energy density in a textured copper thin film 42785
Vinciguerra, D. *see* Ciavola, G. 49283
Vinck, A.J.H. *see* Ferreira, W.C. 34605
Vinck, A.J.Han *see* Han Vinck, A.J.
Vincken, K.L., Koster, A.S.E., Viergever, M.A. Probabilistic multiscale image segmentation 46072
Vinckenroy, G.Van *see* Van Vinckenroy, G.
Vinckier, C. *see* Vermeulen, T. 39027
Vincze, G. *see* Kovacs, B. 32237
Vincze, M. Optimal window size for visual tracking for uniform CCDs 5296
Vincze, M. Optimal window size for visual tracking 35125
Vincze, M. *see* Weiman, C.F.R. 35134
Vindeby, P. *see* Bocking, S. 46795
Vindevoghel, J. *see* Descamps, P. 36253
Vindevoghel, J. *see* Descamps, P. 45433
Vine, D.M.Le *see* Le Vine, D.M.
Vine, F.Le *see* Le Vine, F.
Vinekar, S. *see* Lane, F. 17091
Vines, D. *see* Parten, M. 20694
Vinet, A. *see* Jamaleddine, R.S. 49727
Vinet, J.-Y. *see* Hello, P. 33606
Viney, C. Smart assembly of polymer fibres: lessons from major ampullate spider silk 960
Vingelis, L. *see* Dashevsky, Z.M. 31963
Vingron, M., Waterman, M.S. Alignment networks and electrical networks 11027
Vinh Phuc Pham, Galstyan, T., Granger, A., Lessard, R.A. Novel azo dye-doped poly(methyl methacrylate) films as optical data storage media 43904
Vinh Phue Pham *see* Granger, A. 24083
Vining, D.J. *see* Ge, Y. 18397
Vininski, M. Thermal process verification 41624
Viniotis, I. *see* Agarwal, I. 5825
Viniotis, Y. *see* Aydemir, M. 25969
Viniotis, Y. *see* Salama, H.F. 57786
Vinke, H., Lasance, C.J.M. Recent achievements in the thermal characterization of electronic devices by means of boundary condition independent compact models 52276
Vinke, H. *see* Rosten, H.I. 52280
Vinluan, R.N. *see* Howard, J. 1686
Vinnakota, B., Harjani, R., Woo-Young Choi Pseudoduplication–an ACOB technique for single-ended circuits 53009
Vinnakota, B. *see* Amin, M.B. 11120
Vinnakota, B. *see* Amin, M.B. 11282
Vinnakota, B. *see* Harjani, R. 32504
Vinod, M.P. *see* Pingale, S.S. 17870
Vinod, V.V., Murase, H. Object location using complementary color features: histogram and DCT 5127
Vinodrai Pandya, K., Satyre, F. Factors affecting decision making in the implementation of manufacturing technology 9991
Vinogradov, A.J. *see* Kosarev, A.I. 30918
Vinogradov, A.V. *see* Kopylov, Yu.V. 24453
Vinogradov, A.Ya. *see* Abramov, A.S. 10908
Vinogradov, M.S. *see* Vassilevski, D.L. 27678
Vinogradov, V.N. *see* Bobkov, V.P. 38506
Vinogradova, E.D. Analysis of radiation of a surface spheroidal antenna 34330
Vinogrdov, S.L., Shubin, V.E. Principles of Z-plane technology and on-sensor processing for photoelectric structures with memory 17498
Vinokur, K. *see* Cohen, G.B. 33144
Vinokurov, V.A. *see* Krasheninnikov, V.R. 34977
Vinokurov, V.A. *see* Yakimets, I.V. 9670
Vinoski, S. CORBA: integrating diverse applications within distributed heterogeneous environments 35660
Vinsard, G., Laporte, B., Bock, J.P. A computation of a capacitor motor with the first harmonic method 51017
Vinsard, G. *see* Laporte, B. 51052
Vinter, R., Zheng, H. The extended Euler-Lagrange condition for nonconvex variational problems 40116
Vinyes, J., Vazquez, E., Miguel, T. Throughput analysis of p-CSMA based LonTalk protocols for building management systems 5843
Vinyes Sanz, J. *see* Lopez Garcia, C. 36198
Vinzens, K. *see* Walthur, J. 50734
Viola, A. *see* Poblete, P.V. 34557
Viola, P. *see* Hata, N. 18387
Viola, R. *see* Kuhlen, H. 6699
Violante, F.F. *see* Portoni, I. 37845
Violet, M.D. *see* Enloe, C.L. 44912
Violette, K.E., O'Neil, P.A., Ozturk, M.C., Christensen, K., Maher, D.M. On the role of chlorine in selective silicon epitaxy by chemical vapor deposition 802
Violette, K.E. *see* O'Neil, P.A. 21295
Violette, K.E. *see* Sun, J. 22979
Vion, D. *see* Bouchiat, V. 22903
Viorel, I.A. *see* Forrai, S. 60713
Viot, G. Meet the 68HC12 31333
Viot, G. Third generation fuzzy processors 31334
Viotti, C.B. Development of Brazil's hydro potential in a changing energy sector 60573
Vipanasenko, S.I. *see* Pivnyak, G.G. 19238
Viquez, S. *see* Nava, R. 40696
Virasoro, M.A. Simulated annealing methods under analytical control 10420
Virdee, B.S. Effective technique for electronically tuning a dielectric resonator 31484
Virdee, T.S. *see* Alexeev, G. 59200
Vire, S. *see* Goussain, J.C. 14481
Virga, K.L., Rahmat-Samii, Y. Low-profile integrated antennas for mobile radio communications 45412
Virgilio, A.Di *see* Di Virgilio, A.
Virgin, M. *see* Everitt, H. 36344
Virgin, M. *see* Everitt, H. 47410
Virieux, J. *see* De Matteis, R. 60012
Virieux, P. *see* Arsenis, S. 6167
Virk, G.S. *see* Azzi, D. 39432
Virk, G.S. *see* Azzi, D. 51633
Virkar, A.V. *see* Tanner, C.W. 51550
Virostek, S. *see* Decker, F.-J. 37121
Virpi, S. *see* Jarmo, A. 49806
Virshup, G.F. *see* Ring, P.J. 18707
Virtanen, J., Rinne, T., Naatanen, R. Electrode cap for simultaneous EEG and MEG recordings 59714
Virto, A. *see* Nunez-Lagos, R. 18107
Virtuoso, V.F. *see* Palma, J.P. 9338
Vis, M. *see* Avendano, C. 45674
Vis, M. *see* Bayya, A. 15044
Visa, A. *see* Iivarinen, J. 10184
Visa, A. *see* Iivarinen, J. 35002
Visa, A. *see* Peura, M. 18829
Visa, A. *see* Stocker, A. 18250
Visan, S. *see* Hanna, V.F. 41383
Visarius, H. *see* Qing Hang Li 18219
Visca, M. *see* Ardito, M. 25568
Viscito, E. *see* Tiwari, P. 25583
Visco, S.J. *see* de Souza, S. 51557
Visco, S.J. *see* May-Ying Chu 61012
Viselga, R. *see* Hark Hoe Tan 55387
Viselga, R. *see* Marcinkevicius, S. 54077
Viseux, A. *see* Brown, D. 51382
Vishakantaiah, P. *see* Karthik, S. 40778
Vishnevskii, G.I. *see* Dalinenko, I.N. 27145
Vishvakarma, B.R., Siddiqui, K.A., Singh, S., Rai, C.S. Radiation characteristics of microstrip antenna in plasma medium 4363
Vishvakarma, B.R. *see* Sharma, S.K. 24592
Vishvakarma, B.R. *see* Singh, S. 45141
Vishvakarma, B.R. *see* Vasistha, P. 14747
Vishwanath, M., Preas, B., Mendhekar, A., Mukherjee, D., Owens, R.M. The design and implementation of a reconfigurable board for rapid prototyping of a class of image processing algorithms 11464
Vishwanath, M. *see* Chakrabarti, C. 31320
Vishwanathan, A.N., Biju, S., Narayana, T.V., Anguswamy, P., Singh, U.S. PC plug-in telemetry decommutator using FPGAs 8291
Visic, I. *see* Dizdarevic, N. 19082
Visiers, M. *see* Iglesias, I.J. 51632
Visilter, Y.V., Zheltov, S.Yu., Stepanov, A.A. Object detection and recognition using evidences-based image analysis 15933
Visintainer, I. *see* Pigini, A. 8923
Visintainer, I. *see* Zaffanella, L.E. 33787
Visintin, M. Differential PSK block demodulation over a flat correlated Rayleigh-fading channel 24634
Visintin, M. *see* Morello, A. 17027
Visioli, A. *see* Caselli, S. 36892
Visnyi, P. Novel method of A/D conversion for incremental position sensors 7190
Visokay, M.R. *see* Hung, C.-Y. 731
Visone, C. *see* Miano, G. 23318
Vispute, R.D., Dovidenko, K., Jagannadham, K., Narayan, J. Epitaxial TiN films on sapphire and silicon-on-sapphire by pulsed laser deposition 10809
Vispute, R.D., Narayan, J. Epitaxial TiN based contacts for silicon devices 12552
Vispute, R.D., Narayan, J., Dovidenko, K., Jagannadham, K., Parikh, N., Suvkhanov, A., Budai, J.D. Heteroepitaxial structures of $SrTiO_3$/TiN on Si(100) by *in situ* pulsed laser deposition 761
Vispute, R.D., Wu, H., Jagannadham, K., Narayan, J. Epitaxial growth of AlN thin films on silicon and sapphire by pulsed laser deposition 10801
Vispute, R.D. *see* Kumar, D. 13497

Visscher, E.H. *see* Hadley, P. 54725
Visscher, K.J. *see* Dijk, W.A. 49838
Visscher, M.I. *see* Tanaka, Y. 12581
Visschere, P.De *see* De Visschere, P.
Visschers, J.L. *see* Annis, P. 59237
Visser, C. *see* Maes, J.W.H. 40435
Visser, C.C.G. *see* Cowern, N.E.B. 31747
Visser, C.C.G. *see* Maes, J.W.H. 42422
Visser, G. *see* Betts, W. 59222
Visser, H., van der Zwan, B.A. Design and development of a dual wavelength satellite laser ranging system 4166
Visser, J. *see* Strickland, L. 26305
Visser, R. *see* Geradts, Z.J. 56647
Visser, T.D. *see* Haes, J. 23535
Visser, T.D. *see* Haes, J. 55251
Vissers, C.A. *see* Quartel, D.A.C. 47176
Vistak, M. *see* Mikityuk, Z. 23597
Vistnes, A.I., Ramberg, G.B., Bjornevik, L.R., Tynes, T., Haldorsen, T. Exposure of children to residential magnetic fields in Norway: is proximity to power lines an adequate predictor of exposure? 49809
Vistoli, I. *see* Gerlando, A.D. 29368
Visvanathan, V. *see* Mandal, P. 53050
Visvanathan, V. *see* Ramanathan, S. 53443
Viswanadham, P. *see* Partridge, J. 39849
Viswanath, D.S. *see* Yang, T.C.K. 40680
Viswanath, G., Ray, G.C. ADSP2100-based speech synthesizer in Indian languages for vocally handicapped and spastic children 8163
Viswanath, R., Chia-Pin Chin Organic PGA packaging–a performance comparison with ceramic PGA 52281
Viswanathan, B. *see* Rufus, I.B. 2236
Viswanathan, B. *see* Sivasubramanian, V. 2876
Viswanathan, B. *see* Sivasubramanian, V. 32607
Viswanathan, C.R. *see* Brozek, T. 43075
Viswanathan, C.R. *see* Brozek, T. 43337
Viswanathan, H., Berger, T. The multi-agent CEO problem 34631
Viswanathan, R., Varshney, P.K. Distributed detection with multiple sensors I. Fundamentals 27399
Viswanathan, R. *see* Amirmehrabi, H. 36205
Viswanathan, R. *see* Rishton, S.A. 43606
Viswanathan, V., Gandy, D.W., Findlan, S.J. Advanced weld repair technology extends plant life 38595
Viswanathan, V. *see* LeBlanc, W. 16610
Viswanathan, V. *see* McCree, A. 14896
Viswanathan, V.R. *see* Bryan George, E. 14914
Visweswaran, G.S. *see* Nooshabadi, S. 53428
Visweswariah, C. *see* Brand, D. 11106
Visweswariah, C. *see* Conn, A.R. 11091
Vit, J.G. The development of interconnection systems in Europe: West-East reunification 19160
Vita, L. *see* Catania, V. 47172
Vita, L. *see* Iannizzotto, G. 56997
Vitale, G., Busatto, G., Fratelli, L. Transit-time oscillations during inductive turn-off of power BJT 42954
Vitale, S. *see* Cantatore, G. 27512
Vitale, S. *see* Maraner, A. 3304
Vitali, F. *see* Ciancarini, P. 57856
Vitali, G., Pizzuto, C., Zollo, G., Lucca, D.A., De Luca, L. Low-power pulsed-laser annealing of the damaged surface layer of chemomechanically polished CdS 12749
Vitali, G., Zollo, G., Pizzuto, C., Manno, D., Kalitzova, M., Rossi, M. Cross-sectional high resolution electron microscopy of Zn^+ implanted and low-power pulsed-laser annealed GaAs 22506
Vitali, G. *see* Kalitzova, M. 32129
Vitali, G. *see* Marinova, Ts. 42503
Vitali, J. *see* Tsach, S. 58127
Vitali, L. *see* Francesio, L. 10726
Vitanov, P., Tyutyundzhiev, N., Stefchev, P., Karamfilov, B. Low cost multilayer metallization system for silicon solar cells 30768
Vitanyi, P. Genetic fitness optimization using rapidly mixing Markov chains 21096
Vitazek, K. *see* Grone, R. 7852
Vitebskiy, S., Carin, L. Short-pulse scattering from buried wires and bodies of revolution [ground penetrating radar] 6907
Vitebskiy, S., Carin, L. Resonances of buried targets [radar theory] 6918
Vitebskiy, S., Carin, L. Resonances of perfectly conducting wires and bodies of revolution buried in a lossy dispersive half-space 16895
Vitek, C. *see* McConnell, R.A. 45240
Vitel, Y. *see* Flicstein, J. 897
Vitelli, M. *see* Lupo, G. 32628
Viterbi, A.M. *see* Walley, S.K. 52427
Viterbo, E. *see* Boutros, J. 47527
Vithana, H. *see* Jianlin Li 33137
Vitins, A. *see* Kleperis, J. 9499
Vitittoe, N.F. *see* Floyd, C.E., Jr. 49447
Vitkin, A.E. *see* Rubinov, A.N. 44774
Vitkin, I.A., Moriarty, J.A., Peters, R.D., Kolios, M.C., Gladman, A.S., Chen, J.C., Hinks, R.S., Hunt, J.W., Wilson, B.C., Easty, A.C., Bronskill, M.J. Magnetic resonance imaging of temperature changes during interstitial microwave heating: a phantom study 49760
Vitkova, S. *see* Armyanov, S. 43641
Vitman, R.F. *see* Astrova, E.V. 44220
Vitols, A.Ya. *see* Cherkasov, F.G. 48845
Viton, J.-L., Rasigni, M., Rasigni, G., Llebaria, A. Method for characterizing masses in digital mammograms 28102
Vitoria Lobo, N.da *see* da Vitoria Lobo, N.
Vitrant, G. *see* Fardad, M.A. 3419
Vitria, J., Llacer, J. Reconstructing 3D light microscopic images using the EM algorithm 35037
Vitria, J. *see* Binefa, X. 5299
Vitrik, O. *see* Kulchin, Y. 25261
Vitrik, O. *see* Kulchin, Yu. 50005
Vitrik, O.A. *see* Kulchin, Y.N. 58821
Vitrik, O.B. *see* Kulchin, Y.N. 48586
Vitsinskii, S.A., Isakov, V.K., Lovchii, I.L. Discrete frequency tuning of copper-vapor laser radiation in nonlinear crystals 14249
Vitsinskii, S.A. *see* Alekseev, V.N. 13920
Vittal, A., Ha, H., Brewer, F., Marek-Sadowska, M. Clock skew optimization for ground bounce control 11107
Vittal, V. *see* Chadalavada, V. 50361
Vittal, V. *see* Ni, Y.-X. 19282
Vittal, V. *see* Pawloski, C.D. 8778
Vittal, V. *see* Saha, S. 60218
Vittal, V. *see* Thapar, J. 60219
Vittek, J. *see* Dodds, S.J. 20122
Vitter, P.De *see* De Vitter, P.
Vittone, E. *see* Manfredotti, C. 37318
Vittone, E. *see* Manfredotti, C. 37320
Vittor, P.de *see* de Vittor, P.
Vittori, F., Malatesta, T., de Notaristefani, F. The YAP camera: an accurate gamma camera particularly suitable for new radiopharmaceuticals research 37670
Vittori, F. *see* de Notaristefani, F. 28228
Vittori Antisari, M. *see* Fiorani, D. 3064
Vittoria, C. *see* Hoton How 34372
Vittoria, C. *see* Hoton How 43716
Vittorini, L.D. Manufacturing optimization for improved AT crystal aging: preliminary results 13322
Vittorio, M.De *see* De Vittorio, M.
Vittoz, E. *see* van Schaik, A. 53486
Vittoz, E.A. *see* Enz, C.C. 22977
Vittoz, E.A. *see* Venier, P. 21852
Vitucci, L. *see* Caniggia, S. 41576
Vitulano, D. *see* Della Vecchia, G. 15580
Vitulano, D. *see* Vitulano, S. 5359
Vitulano, S., Di Ruberto, C., Nappi, M. Edge detection through entropy measure 5268
Vitulano, S., Nappi, M., Vitulano, D., Mastrovito, C. Edge detection using a new definition of entropy 5359
Vitulano, S. *see* Di Ruberto, C. 37728
Vitulno, S. *see* Distasi, R. 5431
Vitus, C.M. *see* Schmuki, P. 2401
Vitusevich, S.A. *see* Beketov, G.V. 54059
Vitusevich, S.A. *see* Belyaev, A.E. 12877
Vitusevich, S.A. *see* Figielski, T. 12414
Vitusevich, S.A. *see* Figielski, T. 43161
Vitushkin, A.L. *see* Abramova, L.Yu. 17785
Vitushkin, L.F. *see* Abramova, L.Yu. 17785
Vitushkin, L.F. *see* Pulkin, S.A. 24114
Vivares, F. *see* Cesarsky, C.J. 36548
Vivargent, M. *see* Auffray, E. 37281
Vivas, M., Lours, P., Levaillant, C., Couret, A., Casanove, M.J., Coujou, A. Some aspects of precipitation hardening in aluminum alloy 6056 T6–TEM experiments 10936
Viveiros, E.A. *see* Durrett, R.A. 8666
Viveiros, E.A., Jr. *see* Clark, J.T. 48807
Vivekanandan, J., Li, L., Leung Tsang, Chi Chan Microwave radiometric technique to retrieve vapor, liquid and ice. II. Joint studies of radiometer and radar in winter clouds 50060
Vivekanandan, J. *see* Li, L. 50059
Viven, D. *see* Aka, G. 14409
Viverge, P.J., Rousseau, J.J., Sarrus, F., Chante, J.P. Influence of the modifications of diodes characteristics for a 200°C-operation quasi-resonant converter 51365
Viverge, P.J. *see* Sarrus, F. 51160
Viviani, A., Flandre, D., Jespers, P. A SOI-CMOS micro-power first-order sigma-delta modulator 21761
Viviani, A. *see* Russo, G.V. 18137
Vivie, E.R.De *see* De Vivie, E.R.
Vivien, D. *see* Aka, G. 14037
Vivien, D. *see* Lejus, A.M. 3587
Vivien, D. *see* Simondi-Teisseire, B. 14024
Vizayakumar, K. *see* Ramsha Prabhu, T. 10262
Vizcaino Sanchez, A. *see* Lucus Fernandez, F.J. 1203
Vizgalov, A.V. *see* Chernov, V.M. 54896
Vizinho, A., Wyatt, L.R. Modern spectral analysis in HF radar remote sensing 50128
Vizireanu, D. *see* Drogoreanu, V. 1179
Vizireanu, D. *see* Radoi, C. 9337
Vizireanu, D.N. A new class of MOS transistor nonlinear negative resistance oscillators 1168
Vizman, D. *see* Nicoara, I. 13535
Vizmuller, P. Estimating radiated emissions from electronic products 14624
Vizoso, B., Vazquez, C., Lopez-Amo, M., Muriel, M.A. Optical amplified recirculating delay lines transient response effect on hybrid fiber buses 35760
Vlaar, T.D. *see* Salcudean, S.E. 55985
Vlach, J. *see* Shi, C.-J.R. 11866
Vlach, J. *see* Wojciechowski, J. 11160
Vlach, J. *see* Wojciechowski, J. 20793
Vlach, J. *see* Zhu, L. 11161
Vlachos, D.S., Papadopoulos, C.A., Avaritsiotis, J.N. Dependence of sensitivity of SnO_2 thin-film gas sensors on vacancy defects 7469
Vlachos, D.S. *see* Papadopoulos, C.A. 7476
Vlachos, D.S. *see* Papadopoulos, C.A. 27720
Vlachos, S., Wadhwa, W., Lindblad, T., Lindsey, C.S. Comparison of four hardware solutions for an on-line neural network event selector 48407
Vlachos, T. Improving the efficiency of MPEG-2 coding by means of film unsteadiness correction 15638
Vlachos, T., Thomas, G. Motion estimation for the correction of twin-lens telecine flicker 58582
Vlacic, L. *see* Mills, D. 28827
Vlad, V.I., Petris, A., Chumash, V.N., Cojocaru, I. Laser induced periodic structures in porous silicon 4150
Vladimirova, S.Yu., Ivonin, I.V., Lavrent'eva, L.G., Porokhovnichenko, L.P., Cherkasov, V.V. Effect of substrate orientation on the anisotropy lateral growth rate of GaAs in a chloride transport system 742
Vladimirova, T. *see* Ashman, I. 21108
Vladimirsky, O., Vladimirsky, Y., Morris, K., Klopf, J.M., Calderon, G.M., Manohara, H. Photostimulated processes and micromachines. III. X-ray micro-lithography and thick resist studies at CAMD 43367
Vladimirsky, O. *see* Morris, K.J. 42884
Vladimirsky, O. *see* Vladimirsky, Y. 42805
Vladimirsky, Y., Saile, V., Scott, J.D., Vladimirsky, O., Morris, K., Klopf, J.M., Calderon, G.M., Bluem, H.P., Craft, B.C. X-ray lithography program at the Center for Advanced Microstructures and Devices 42805
Vladimirsky, Y. *see* Morris, K.J. 42884
Vladimirsky, Y. *see* Vladimirsky, O. 43367
Vlahacos, C.P., Black, R.C., Anlage, S.M., Amar, A., Wellstood, F.C. Near-field scanning microwave microscope with 100 μm resolution 7556
Vlaicu, A. *see* Dobrota, V. 35781
Vlaicu, M. *see* Buda, M. 44538
Vlasak, G. *see* Butvin, P. 3075
Vlasenko, L.S. *see* Afanas'ev, M.M. 12366
Vlasenko, L.S. *see* Afanas'ev, M.M. 12366
Vlasenko, M.P. *see* Afanas'ev, M.M. 12366
Vlasenko, M.P. *see* Afanas'ev, M.M. 12366
Vlasik, K.F. *see* Dmitrenko, V.V. 59282
Vlasov, A.A. "Free" expansion of a powdered scalar ball with an electric charge 24332
Vlasov, A.V. *see* Akimov, V.A. 28024
Vlasov, V.I. *see* Fedorenko, V.V. 4764
Vlasov, Y.G. *see* Di Natale, C. 27463
Vlasov, Y.G. *see* Legin, A.V. 27459
Vlasta, Z. *see* Damir, M. 35368
Vlastos, A.E. *see* Sorqvist, T. 8940
Vlastos, A.E. *see* Sorqvist, T. 50614
Vleck, E.S.Van *see* Van Vleck, E.S.
Vledder, F.F. *see* Stoldt, H. 48230
Vleeming, B.J., Zakarian, A.V., Omelyanchouk, A.N., de Bruyn Ouboter, R. Macroscopic quantum interference phenomena in a 4-terminal SQUID 3287
Vleeschouwer, C.De *see* De Vleeschouwer, C.
Vlekken, C. *see* Milants, K. 42370
Vletter, W.B. *see* van der Steen, A.F.W. 18349
Vleuten, W.van der *see* van der Vleuten, W.
Vlieks, A. *see* Ruth, R.D. 49165
Vlieks, A.E. *see* Wang, J.W. 49051
Vliet, F.E.Van *see* Van Vliet, F.E.
Vlietstra, J.F., Allan, M. The concept of system engineering/maintenance at Sizewell 'B' which supported the station handover process 9022
Vlist, P.Van der *see* Van der Vlist, P.
Vlummens, J. *see* Scheffer, D. 37888
Vo, B. *see* Zang, Z. 15358
Vo, N.V., Liu, H.K., Dou, S.X., Kusevic, I. Conductor design with high-T_c superconducting Bi(Pb)-2223/Ag multifilamentary tapes 13482
Vo, N.V., Neo, C.C., Bourdillon, A.J., Dou, S.X., Liu, H.K. Thermal stability in high-T_c coil and magnet design by process control of Bi(Pb)-2223/Ag multifilamentary tapes 43839
Vobecky, J., Hazdra, P., Homola, J. Optimization of power diode characteristics by means of ion irradiation 12872
Vobis, J. Use a new technique to characterize FO amplifiers 36078
Vobornik, I. *see* Almeida, J. 42268
Voccio, J.P., Prum, C.B., Navarro, M.J., Joshi, C.H., Bent, B.R., Gamble, B.B. High temperature superconducting racetrack coils for electric motor applications 60721
Voci, C. *see* Arisaka, K. 37239
Voci, C. *see* Arisaka, K. 37460
Vock, C. *see* Pye, G. 28713
Vodchitz, A.I., Kozich, V.P., Apanasevich, P.A., Orlovich, V.A. Experimental studies of the statistical properties of radiation flows involved in superbroadband stimulated Raman scattering 33619
Vodiunig, R. *see* Lutschounig, F. 11947
Vodjani, N. *see* Masetti, F. 26444
Vodjdani, N. *see* Fiore, A. 14282
Vodjdani, N. *see* Fiore, A. 33705
Vodjdani, N. *see* Jasmin, S. 58355
Vodopianov, S. *see* Badura, E. 37241
Vodopyanov, K.L., Chazapis, V. Extrawide tuning range IR optical parametric generators 24124

Vodopyanov, K.L., Chazapis, V. Extra-wide tuning range optical parametric generator 24151
Vodopyanov, K.L., Chazapis, V., Phillips, C.C. Two-color midinfrared saturation spectroscopy of intersubband transitions in multiquantum wells 12382
Vodopyanov, K.L., Phillips, C.C. Mid-IR non-linear spectroscopy of low-dimensional semiconductor structures using an OPG 24136
Vodop'yanov, V.N., Kondratenko, M.M. Electrophysical properties of epitaxial layers of solid solutions of lead and tin tellurides doped with cadmium 42048
Vodovatov, I.A. *see* Sheptunov, O.A. 24460
Vodovnik, L. *see* Skvarc, J. 59597
Vodovozov, V.M. Choosing equipment in electric-drive design 20106
Voecks, G. *see* Edwards, H.S. 37937
Voegelin, M.R., Jafrancesco, D., Conti, A., Meucci, R., Paoli, G., Zoppi, M. A method to measure the cutaneous thermal threshold by means of a CO_2 laser 7966
Voegelin, V. *see* Costache, G.I. 45255
Voegtli, C. Managing projects for rapid time-to-market 20765
Voelker, G.M. *see* Jamrozik, H.A. 5943
Voelskow, M. *see* Kalitzova, M. 32129
Voelskow, M. *see* Pacaud, Y. 31884
Voerman, J.M. *see* Prendergast, E.P. 41731
Voet, M.R.H. *see* Verbandt, Y. 58798
Vogel, A., Bearman, M., Beitz, A. Enabling interworking of traders 6160
Vogel, A. *see* de Meer, J. 6080
Vogel, D. *see* Bemelmans, T. 26268
Vogel, D. *see* Dudek, R. 39783
Vogel, E.M., Grabow, M.H., Martin, S.W. Role of silica densification in the performance of optical connectors 13584
Vogel, H. *see* Brock, I.C. 37039
Vogel, H. *see* Gizeli, E. 17569
Vogel, H.-J. *see* Werner, M. 25840
Vogel, K. *see* Erber, G. 55670
Vogel, L. *see* Yahia, H.M. 18897
Vogel, M.R. Thermal performance for a miniature heat sink cooled by microPCM slurry 30309
Vogel, N., Skvortsov, V. Plasma parameters within the cathode spot of laser-induced vacuum arcs: experimental and theoretical investigations 23193
Vogel, P. *see* Anthamatten, O. 47912
Vogel, P. *see* Boettle, D. 26456
Vogel, P. *see* van Breemen, J. 26864
Vogel, R. State-oriented control of optimized pulse patterns applied to a PWM current source inverter 51156
Vogel, U., Freyer, R., Dorschel, K., Huttenbrink, K.-B. Optical tomography of biological tissues by phase-correlated single photon counting 37637
Vogel, U., Hofmann, G., Zahnert, T., Huttenbrink, K.-B. Portable equipment for middle ear laser vibrometry 37715
Vogel, U. *see* Zahnert, T. 59457
Vogel, V.F. *see* Dolbilov, G.V. 37044
Vogel, W.J. *see* Hsin-Piao Lin 6615
Vogel, W.J. *see* Jeng, S.S. 6668
Vogele, B. *see* Krauss, T.F. 23566
Vogele, B. *see* Krauss, T.F. 44001
Vogele, B. *see* Neilson, D.T. 44083
Vogelgesang, J., Cozzi, A., Worgotter, F. A parallel algorithm for depth perception from radial optical flow fields 15875
Vogeli, C. *see* Glatfelter, T. 38654
Vogelzang, J. Mapping submarine sand waves with multiband imaging radar. 1. Model development and sensitivity analysis 50209
Vogelzang, J., Wansink, G.J., Calkoen, C.J., Van der Kooij, M.W.A. Mapping submarine sand waves with multiband imaging radar. 2. Experimental results and model comparison 50210
Voges, E., Hoffmann, M. Optical waveguides on silicon combined with micromechanical structures 44047
Voges, E. *see* Buchold, B. 16666
Voges, E. *see* Buchold, B. 58337
Voges, E. *see* Glingener, C. 6857
Voges, E. *see* Glingener, C. 44042
Voges, E. *see* Glingener, C. 58341
Voges, E. *see* Pantchev, B. 23542
Vogh, J. A 3-D object recognition system with predictive feedback based on the SMART neural network architecture 57526
Vogl, P. *see* Di Carlo, A. 54571
Vogl, P. *see* Murayama, K. 32359
Vogl, P. *see* Nagasawa, H. 12882
Vogl, P. *see* Zandler, G. 12858
Vogler, L.E. *see* Mastrangelo, J.F. 26480
Vogler, S. *see* Vetter, J. 51891
Vognar, M., Simane, C., Burian, A., Chvatil, D. Electron and photon fields for dosimetric metrology generated by electron beams from a microtron 18565
Vogt, A., Hartnagel, H.L., Miehe, G., Fuess, H., Schmitz, J. Electrical and microstructure analysis of ohmic contacts to p- and n-type GaSb, grown by molecular beam epitaxy 22428
Vogt, A., Jutzi, W. An HTS narrow bandwidth coplanar shunt inductively coupled microwave bandpass filter on $LaAlO_3$ 53578
Vogt, A. *see* Tiginyanu, I.M. 54080
Vogt, H. *see* Aslam, A. 48694
Vogt, H. *see* Weyers, J. 2848
Vogt, L. *see* Wells, G.T. 53857
Vogt, M., Blum, M. Potential future applications for electrothermal process-engineering 51835
Vogt, M., Kachel, M., Melzer, K., Drescher, K. PECVD of silicon oxynitride for copper metallization systems 42644
Vogt, M., Shoemaker, E., Turner, T. A trainable cermet gas microsensor technology using cyclic voltammetry and neural networks 36765
Vogt, M. *see* Barber, D.P. 37085
Vogt, M.C., Shoemaker, E.L., Turner, T.N., MacShane, D.A. An intelligent gas microsensor with neural network technology 36732
Vogt, M.C. *see* Shoemaker, E.L. 36746
Vogt, R. Reconciliation of timing and signal quality. Solutions to placing and routing in high-speed designs 32486
Vogt, R., Glebocki, R., Kurek, M. System of automatic control of the movement of driving machines on experimental path 9683
Vogt, R.C., Fliss, G.G., Mihocka, J.S. Morphological processing of diagnostic radar images 36248
Vogt, R.C., Trenkle, J.M., Harmon, L.A. Mosaic construction, processing, and review of very large electron micrograph composites 37842
Vogt, W., Pintaske, J. Mixed-signal ASIC designs with reduced risk of failure in development. The use of KitParts 31407
Vohlidal, J. *see* Pfleger, J. 55392
Vohnsen, B., Bozhevolnyi, S.I. Light scattering near a phase-conjugating mirror 44647
Vohnsen, B. *see* Bozhevolnyi, S.I. 24110
Vohra, R.T. *see* Wand, M.D. 44109
Vohra, S.T., Danver, B., Tveten, A., Dandridge, A. Fiber optic interferometric accelerometers 18969
Vohra, T., Danver, B., Tveten, A., Dandridge, A. High performance fibre optic accelerometers 27637
Vohra, Y.K. *see* Catledge, S.A. 52611
Vohra, Y.K. *see* McCauley, T.S. 40656
Vohrer, M. Digital Radio Tester CTS55: all-in-one service tester for GSM, PCN and PCS mobile telephones 6376
Voicu, L.I., Myler, H.R., Weeks, A.R. Practical considerations on color image enhancement using homomorphic filtering 57418
Voight, A., Hassler, C., Karg, D., Strunk, H.P., Pensl, G., Schulz, M. Shunts in n+p-junction solar cells fabricated on multicrystalline cast silicon 20040
Voigt, A., Gobel, T., Strunk, H.P., Hassler, C., Koch, W., Karg, D., Pensl, G. Localization and identification of microscopic defects leading to locally enhanced currents across pn-junctions of solar cells 39022
Voigt, A., Steiner, B., Dorsch, W., Krinke, J., Albrecht, M., Strunk, H.P., Wagner, G. Solution growth of silicon on multicrystalline Si substrate: growth velocity, defect structure and electrical activity 10772
Voigt, A. *see* Gruetzner, G. 42844
Voigt, A. *see* Krinke, J. 31800
Voigt, A. *see* Steiner, B. 10811
Voigt, A. *see* Steiner, B. 30843
Voigt, J. *see* Fettweis, G.P. 47756
Voigt, J.A. *see* Schwartz, R.W. 40509
Voigt, P. *see* Hartmann, J. 48976
Voigt, S. *see* Vajdic, S.M. 28298
Voigtlander, B., Weber, T. Growth processes in Si/Si(111) epitaxy observed by scanning tunneling microscopy during epitaxy 713
Voigtlander, B. *see* Scheuch, V. 42253
Voigtlander, I. *see* Knaupp, W. 39163
Voillot, F. *see* Ressier, L. 42233
Voinigescu, S.P., Maliepaard, M.C., Schroter, M., Schvan, P., Harame, D.L. A scalable high frequency noise model for bipolar transistors with application to optimal transistor sizing for low-noise amplifier design 21923
Voinot, V., Ferriere, R., Porte, H., Mollier, P. 550 nm emission of erbium doped Ti:$LiNbO_3$ waveguide pumped at 980 nm 14297
Voinov, A.M. *see* Zorin, G.N. 37482
Voinov, V.G., Klimenko, A.G., Nedosekina, T.N., Novoselov, A.P. Plastic properties of indium microbumps. Problem of contacts on CMT 32057
Voinov, V.G. *see* Klimenko, A.G. 31021
Voiron, J. *see* Driouch, L. 3061
Voisin, P. Bandgap engineering of electro-optical modulators and switches 3469
Voisin, P. *see* Chelles, S. 13685
Voisin, P. *see* Devaux, F. 23584
Voisin, P. *see* Seidel, W. 42075
Voisin, Y. *see* Diou, A. 46275
Voisin, Y. *see* Santo, C. 48879
Voitovich, A.P., Kul'minskii, A.M., Loiko, Yu.V., Severikov, V.N. Spontaneous polarization symmetry breaking in gas lasers and its observation possibilities 13925
Voitovich, A.P., Kuzminsky, A.M., Loiko, Yu.V., Severikov, V.N. Spontaneous violation of polarization symmetry in gas lasers and possibilities of its observation 3697
Voitovich, N.N. *see* Andriychuk, M.I. 45363
Voitsekhovskii, A.V., Denisov, Yu.A., Kokhanenko, A.P., Varavin, V.S., Dvoretsky, S.A., Liberman, V.T., Mikhailov, N.N., Sidorov, Yu.G. Photoelectric and noise characteristics of $Hg_{1-x}Cd_xTe$(x=0.22) based epitaxial structures 36563
Voitylov, V.V., Zernova, T.Yu., Rudakova, E.V., Spartakov, A.A., Trusov, A.A. Electrooptical methods for determining the shape of dispersed particles 58993
Vojcic, B. *see* Vanghi, V. 34875
Vojdani, A.F. *see* Wakefield, R.A. 60343
Vojnovic, B. *see* Collingridge, D.R. 49407
Vojnovic, B. *see* Rogina, B.M. 8186
Vojnovic, B. *see* Rogina, B.M. 11434
Vojta, A., Clarke, D.R. Microstructural origin of current localization and "puncture" failure in varistor ceramics 41530
Vojtanik, P., Kravcak, J., Varga, R. Complex permeability after-effects in an annealed Co-based amorphous alloy 3069
Vojvodic, D., Celebic, A., Jerolimov, V., Catovic, A., Husic, S., Indof, J. Analysis of metal polymer interface using image analyzer 37696
Vokhnik, O.M., Martynov, D.G., Terent'eva, I.V. Q-switching of a polarization-closed cavity with the help of an SBS-cell 24045
Vol Moody, M. *see* Shirron, P. 23427
Volakis, J.L., Ozdemir, T., Gong, J. Hybrid finite-element methodologies for antennas and scattering 45441
Volakis, J.L. *see* Anastassiu, H.T. 36251
Volakis, J.L. *see* Bindiganavale, S.S. 24442
Volakis, J.L. *see* Bindiganavale, S.S. 36214
Volakis, J.L. *see* Botros, Y.Y. 59483
Volakis, J.L. *see* Erdemli, Y.E. 34014
Volakis, J.L. *see* Jian Gong 4183
Volakis, J.L. *see* Jian Gong 14761
Volakis, J.L. *see* Jian Gong 34346
Volakis, J.L. *see* Lakhtakia, A. 44848
Volakis, J.L. *see* Ozdemir, T. 34226
Volakis, J.L. *see* Ozdemir, T. 56144
Volakis, J.L. *see* Senior, T.B.A. 24437
Voland, C. *see* Gartner, H. 36647
Voland, C. *see* Lehle, P. 34986
Volanthen, M., Geiger, H., Dakin, J.P. Low-coherence grating characterisation scheme 43982
Volanthen, M., Geiger, H., Dakin, J.P. Distributed fibre grating sensor for smart structures applications 48637
Volanthen, M., Geiger, H., Xu, M.G., Dakin, J.P. Lock-in techniques for interrogation of long and short gauge length optical fibre sensor arrays 48577
Volchek, S.A. *see* Bondarenko, V.P. 42093
Volchkov, N.A. *see* Birjulin, P.I. 54208
Volckmann, E.H. *see* Sharp, J.W. 36958
Volcy, J., Dickerson, S. Optimum illumination for machine vision using optical scatter data 35014
Volcy, J., Dickerson, S. Scatterometry for machine vision 35139
Vold, C.L. *see* Hoff, H.A. 12544
Volden, E., Giraudon, G., Berthod, M. Information in Markov random fields and image redundancy 5433
Voldman, S., Never, J., Holmes, S., Adkisson, J. Linewidth control effects on MOSFET ESD robustness 22831
Voldman, S., Schulz, R., Howard, J., Gross, V., Wu, S., Yapsir, A., Sadana, D., Hovel, H., Walker, J., Assaderaghi, F., Chen, B., Sun, J.Y.-C., Shahidi, G. CMOS-on-SOI ESD protection networks 22978
Voldman, S.H., Gerosa, G., Gross, V.P., Dickson, N., Furkay, S., Slinkman, J. Analysis of snubber-clamped diode-string mixed voltage interface ESD protection network for advanced microprocessors 31278
Voldman, S.H. *see* Never, J.M. 33802
Voldman, S.H. *see* Wallash, A.J. 32851
Voles, R. *see* Bullock, R.J. 58474
Voleti, S.R., Miller, J.R., Chandra, N. Structural optimization of the superconducting outsert of a 45-T hybrid magnet 43858
Volf, P. *see* Linka, A. 418
Volf, P. *see* Smid, J. 53500
Volgenant, A. *see* Duin, C.W. 40038
Volk, C.M., Levine, J. Analytical estimation of carrier multipath bias on GPS position measurements 7018
Volk, S.J. *see* McKerrow, P.J. 27923
Volk, T., Wohlecke, M., Rubinina, N., Reichert, A., Razumovski, N. Optical-damage-resistant impurities (Mg, Zn, In, Sc) in lithium niobate 44735
Volkel, R., Herzig, H.P., Nussbaum, P., Blattner, P., Dandliker, R., Cullmann, E., Hugle, W.B. Microlens lithography and smart masks 42878
Volkel, R., Herzig, H.P., Nussbaum, P., Dandliker, R., Hugle, W.B. Microlens array imaging system for photolithography 12846
Volkel, R. *see* Berger, C. 23611
Volkel, R. *see* Nussbaum, P. 13779
Volkmer, J. *see* Yung-Chieh Hsieh 32997
Volkov, A.A. *see* Maev, R.G. 36852
Volkov, A.F., Pavlovskii, V.V. Dissipative Josephson effect in S/N/S structure with vanishingly weak Josephson coupling 32930
Volkov, B. Theoretical and experimental research of heating operational methods for local microwave hyperthermia of prostate 37865
Volkov, E.B. *see* Shvedov, O.V. 7762
Volkov, G.S., Zazhivikhin, V.V., Zaitsev, V.I., Mishenskii, V.O. Charge-coupled devices as position-sensitive detectors of X-ray radiation 18151
Volkov, M.A. *see* Drozdov, V.N. 61223
Volkov, S.N. *see* Koroteev, N.I. 14349

Volkov, S.V., Matyashchuk, I.V. Novel low- and medium-temperature sulfur-alkali metal batteries based on charge transfer complexes (CTC) 9513
Volkov, V. *see* Kazdobin, K. 9505
Volkov, V. *see* Shandaro, S. 24142
Volkov, V.A. *see* Takhtamirov, E.E. 42089
Volkov, V.I. *see* Buryn, O.M. 24141
Volkov, V.I. *see* Govorov, A.N. 37159
Volkov, V.M. *see* Afanas'ev, A.A. 44326
Volkov, V.M. *see* Belyavtsev, V.B. 27876
Volkov, V.T. *see* Kononenko, O.V. 42747
Volkov, V.T. *see* Kononenko, O.V. 42756
Volkov, V.V. *see* Kozin, M.B. 45952
Volkov, Y.N. *see* Batalin, V.A. 49180
Volkova, I.O. *see* Bykov, A.A. 24521
Volkova, O. *see* Bossis, G. 10973
Volkova, O.V. *see* Koryavin, A.R. 28945
Volkova, O.V. *see* Koryavin, A.R. 54981
Volkovich, A.G., Danilovich, A.S., Ivanov, O.P., Stepanov, V.E., Sudarkin, A.N., Urutskoev, L.I. Use of a gammavisor as an automatically controlled system for acquiring images of radioactive objects 18152
Vollaire, C., Nicolas, L., Nicolas, A. Finite elements and absorbing boundary conditions for scattering problems on a parallel distributed memory computer 45067
Volland, U. *see* Berg, H.P. 19457
Volle, R. *see* Gauneau, M. 32969
Vollkommer, F., Hitzschke, L. Pulsed dielectric barrier discharges–a breakthrough in UV radiation generation 1901
Vollmann, K., Nguyen, M.C. Manipulator control by calibration-free stereo vision 35020
Vollmeke, S. *see* Buda, B. 12254
Vollmer, B. *see* Kuhn, J. 55661
Vollmer, E. *see* Hebrank, F.X. 23408
Vollmerhausen, R. Impact of display modulation transfer function on the quality of sampled imagery 15924
Volm, D. *see* Son, N.T. 31889
Volm, D. *see* Veprek, S. 40433
Volodin, B.L., Kippelen, B., Meerholz, K., Javidi, B., Peyghambarian, N. A polymeric optical pattern-recognition system for security verification 4449
Volodin, B.L., Kippelen, B., Meerholz, K., Peyghambarian, N., Kukhtarev, N.V., Caulfield, H.J. Study of non-Bragg orders in dynamic selfdiffraction in a photorefractive polymer: experiment, theory, and applications 4103
Volodin, B.L., Kippelen, B., Meerholz, K., Peyghambarian, N., Kukhtarev, N.V., Caulfield, H.J. Non-Bragg diffraction orders in highly efficient photorefractive polymers 14453
Volodin, B.L., Kippelen, B., Peyghambarian, N., Javidi, B. Optical correlator using photorefractive polymers for credit card validation 5540
Volodin, S.B. *see* Meerholz, K. 32973
Volod'ko, A.G. *see* Raspereza, A.V. 41805
Volokhov, S.A., Kildishev, A.V. Normalised magnetic signatures of multipole source, passing along the circuit axis 55958
Volokhov, S.A. *see* Bocquet, R. 13929
Voloshin, A.S., Tsao, P.-H., Polak, A.J., Baker, T.L. Analysis of environment induced stresses in silicon sensors 36496
Voloshin, G. *see* George, M.A. 42467
Voloshin, K.G. *see* Akimov, V.A. 28024
Voloshinov, V.B., Lemyaskina, E.A. Acousto-optic measurements of ultrasound attenuation in tellurium dioxide crystal 23604
Voloshok, T.N. *see* Vasil'ev, A.N. 13800
Volosiuk, V.G. Classification of image data by analytic approximation of likelihood relation technique 27013
Volovik, B.V. *see* Krestnikov, I.L. 42141
Volovov, V.I., Govorov, A.I., Klyuev, M.S. Application of FM acoustic signals to navigation 16985
Volpe, F.P., Kuttruff, J., Schrenk, H. More data security for serial EEPROMs: page protection mode ensures integrity 31262
Volpp, J., Brogl, H. Euromir '95: lessons learnt from the operations of a decentralized communication network 28590
Vol'pyan, O.D., Yakovlev, P.P. Automatic gas-pressure regulator in a vacuum chamber 48999
Volta, E. *see* Christillin, M. 57728
Volterra, V. *see* Lyubin, V. 2076
Volts, M. *see* Jebril, A. 61358
Voltz, D.A. *see* Barras, R.E. 50579
Voltz, P.J. *see* Sang-Sik Ahn 15336
Voltz, P.J. *see* Sang-Sik Ahn 15415
Volyar, A. *see* Aleksiev, A. 13606
Volyar, A.V. The polarized light destruction and recovery in an inhomogenious media (the optical Magnus effect and the topological birefringence) 13607
Volyar, A.V., Fadeeva, T.A. Vortical nature of optical-fiber modes. IV. Orthogonal transformations of topological charge and circular polarization of an optical vortex 13565
Volyar, A.V., Fadeeva, T.A. Vortical nature of optical-fiber modes. III. Excitation of guided vortices 13635
Volyar, A.V., Fadeeva, T.A. Dynamics of dislocations and disclinations of the field of a few-order optical fiber. I. Creation and annihilation of C* disclinations 43947
Volyar, A.V., Fadeeva, T.A. Dynamics of field dislocations and disclinations in a few-mode waveguide. II. Pure types of singularities 55179
Volz, K., Lindner, J.K.N., Stritzker, B. Ion beam induced amorphization and recrystallization of Si/SiC/Si layer systems 31935
Volz, K. *see* Lindner, J.K.N. 21333
Volz, R.A. *see* Skubic, M. 35207
Vomfelde, M. *see* Lohner, A. 51791
Vomir, V. *see* Nascu, C. 31893
Vomir, V. *see* Pop, I. 2086
Vomvas, A. *see* Karoutsos, V. 31873
Vomvoridis, J.L. *see* Tigelis, I.G. 45290
von Alvensleben, F. *see* Grilli, M.L. 3937
von Ammon, W. *see* Dornberger, E. 10606
von Ammon, W. *see* Sinno, T. 54046
von Arnim, A., Schulz, A.S. Facets of the generalized permutahedron of a poset 10403
Von Arx, M., Paul, O., Baltes, H. Test structures to measure the Seebeck coefficient of CMOS IC polysilicon 54805
von Arx, M. *see* Baltes, H. 43407
von Bally, G., Rickermann, F., Odoulov, S., Shumelyuk, A. Near-infrared holographic recording in $Sn_2P_2S_6$ with nanosecond pulses 4156
von Bally, G., Riehemann, S., Rickermann, F. High-resolution imaging with reflection-type holograms in SBN:Ce 14471
von Bally, G. *see* Dirksen, D. 24285
Von Bally, G. *see* Rickermann, F. 4104
von Balzer, G. Analysis of disturbances concerning the equipment of a substation 51421
von Bardeleben, H.J. *see* Launay, J.C. 41948
von Basse, P.W. *see* Bertagnolli, E. 2796
von Beers, J. *see* Baker, K. 31167
Von Benken, C.J. *see* Vanderlinde, W.E. 42599
Von Berzen, B. 250 MHz correlation using high-performance reconfigurable computing engines 45719
von Bibra, M.L. *see* Roberts, A. 3425
von Birgelen, C. *see* Bruining, N. 28305
von Birkel, M. Anthropological techniques and ergonomic factors concerning people in a system control centre 60460
Von Bito, J. Adaptive digital channel models for mobile communication channels 26643
von Bochmann, G. *see* Petrenko, A. 20824
von Bochmann, G. *see* Tan, Q.M. 7167
von Brentano, P. *see* Radermacher, E. 37540
von Brentano, P. *see* Wilhelm, M. 37536
von Briel, R. *see* Sihn, W. 52098
von Bunau, N.M., Fukuda, H. Printing isolated features with k_1=0.2 using multiple-pupil exposure 32260
Von Bunau, R.M., Fukuda, H., Terasawa, T. Effects of radially non-symmetric pupil filters and multiple-pupil exposure [photolithography] 2524
von Bunau, R.M. *see* Fukuda, H. 22736
von Buren, D.F. *see* Koch, R.M. 15494
Von der Emde, M., Morley, S., Zahn, D.R.T. Molecular beam epitaxial growth of Ga_2Se_3 on GaAs 21240
von der Emde, M., Zahn, D.R.T., Ng, T., Maung, N., Fan, G.H., Poole, I.B., Williams, J.O., Wright, A.C. MOCVD growth of Ga_2Se_3 on GaAs(100) and GaP(100): a Raman study 796
Von der Linden, M.B. *see* Van Sark, W.G.J.H.M. 41828
von der Lippe, H. *see* Beringer, J. 37394
von der Malsburg, C. *see* Rehse, O. 15879
von der Malsburg, C. *see* Shams, L. 57546
von der Malsburg, C., von Seelen, W., Vorbruggen, J.C., Sendhoff, B. *(editors)* Artificial Neural Networks - ICANN 96. 1996 International Conference Proceedings 9816
Von Der Muhll, R. *see* Lucat, C. 30974
Von Der Straten, G., Theimer, T., Hessenmuller, H., Martin, H. The European project AMUSE, Advanced MUltimedia SErvices for residential users–report on a first field trial in Munich 58001
Von Der Straten, G., Totzke, J., Zygan-Maus, R. Realization of B-ISDN services in a multi-national ATM network 47260
Von Der Straten, G. *see* Theimer, T.H. 47424
Von der Weid, J.P. *see* Gisin, N. 13587
von der Weid, J.P. *see* Mussi, G. 3361
Von Dollen, D.W. *see* Scudiere, J.D. 60402
von Dongen, T. *see* Tiemeijer, L.F. 16748
von Eichel-Streiber, C., Behet, M., Heuken, M., Heime, K. Doping of InAs, GaSb and InPSb by low pressure MOVPE 54357
von Eicken, T. *see* Welsh, M. 16287
von Eicken, T. *see* Welsh, M. 35722
von Essen, A. *see* Weckesser, P. 36500
von Freund, H. Distribution network configuration and design 50547
Von Geng, N., Wiesbeck, W. Full wave modelling of wave propagation in radio communication systems 24488
von Glahn, P., Stricklett, K.L., Van Brunt, R.J., Cheim, L.A.V. Correlations between electrical and acoustic detection of partial discharge in liquids and implications for continuous data recording 9316
von Glahn, P. *see* van Brunt, R.J. 32631
von Glahn, P. *see* Van Brunt, R.J. 43442
Von Grawe, J., Schulz, E. Energy supply with growing energy efficiency–the energy supply companies as driving force for rational energy use? 8825
Von Gunten, H.P. *see* Adam, A. 37280
Von Hagel, U. *see* Andryakov, A. 37226
von Hahn, R. *see* Madert, M. 49186
Von Heinrich, B., Mathias, K., Werner, R., Wolker, W. Retrofitting of 110-kV-pressure-cables 50583
Von Heising, G. Video coding using image warping based motion compensation 25698
von Helmolt, C. *see* Kruger, U. 58273
von Hinzen, H., Knappertsbusch, D. Motor starters with autotransformer 60781
Von Jouanne, A. *see* Rendusara, D.A. 29391
von Kaenel, H. *see* Sirringhaus, H. 32072
von Kaenel, V., Aebischer, D., Piguet, C., Dijkstra, E. A 320 MHz, 1.5 mW@1.35 V CMOS PLL for microprocessor clock generation 1547
von Kaenel, V. *see* Piguet, C. 21443
von Kaenel, Y., Stiegler, J., Michler, J., Blank, E. Stress distribution in heteroepitaxial chemical vapor deposited diamond films 30755
von Kaenel, Y. *see* Mikhailov, S.N. 12169
von Kamienski, E.G.Stein *see* Stein von Kamienski, E.G.
von Kanel, H. *see* Goncalves-Conto, S. 52613
von Kanel, H. *see* Henrion, W. 12319
Von Kanel, H. *see* Meyer, T. 52639
von Kempf, J., Laskowski, M., Thomas, R. Use of elastomer components for the control of conductor vibration on high-voltage overhead lines 60411
von Kempf, J., Laskowski, M., Thomas, R. Life tests of elastomer components for vibration dampers at overhead lines 60412
Von Klaus, P., Harbecke, W. Simulation functions bring life to archived data–the archiving strategy for the computerised power control system at the City of Frankfurt Utilities 50419
von Klitzing, K. Zero-dimensional structures in semiconductors 42155
von Klitzing, K. *see* Blick, R.H. 2195
von Klitzing, K. *see* Dilger, M. 2733
von Klitzing, K. *see* Dilger, M. 40436
Von Klitzing, K. *see* Haug, R.J. 54713
von Klitzing, K. *see* Nachtwei, G. 54191
von Klitzing, K. *see* Schmidt, T. 43158
von Klitzing, K. *see* Ye, P. 2202
von Klitzing, L. *see* Bruce-Boyce, C. 18501
von Lensa, W. *see* Hicken, E.F. 19484
von Martens, H.-J. *see* Link, A. 58692
von Martens, H.-J. *see* Taubner, A. 48928
von Martens, H.-J. *see* Wabinski, W. 58669
von Meyer, N. Digital orthophotography consortium: a multi-county solution for Wisconsin 5519
von Mohrenfels, T.W. *see* Hauenschild, J. 16486
von Molnar, S. *see* Gider, S. 3097
von Okanik, P., Hinz, A. An innovative control system for optimizing voltage quality with the system "Regeltransformator" 50420
Von Oppen, F. *see* Hackenbroich, G. 22395
Von Ortenberg, M. *see* Li, L. 55746
von Petersdorff, T., Schwab, C. Wavelet approximations for first kind boundary integral equations on polygons 574
von Plessen, G. *see* Grosse, S. 42212
von Ramm, O. *see* Drezek, R. 59530
von Ramm, O.T. Developments in real time volumetric scanning 18286
Von Reinhard, M., Pack, K., Schmolzer, K. Floating system migration in computerised power system control centre of the City of Frankfurt Utilities 50409
Von Roedern, B. *see* Daxing Han 12300
Von Roedern, B. *see* Zweibel, K. 39054
von Sachs, R. *see* Donoho, D.L. 34958
von Sacken, U. *see* Tabuchi, J. 38947
von Schickfus, M. *see* Becker, H. 17572
von Schwerin, A. *see* Rudan, M. 12852
von Seelen, W. *see* von der Malsburg, C. *(editor)* 9816
von Seggern, H. *see* Schwoerer, M. 48776
von Solms, S.H. Information security on the electronic superhighway 16103
von Staa, F., Hempel, K.A., Artz, H. On the magnetization processes of Nd-Fe-B powders prepared by HDDR 3104
von Staa, F., Hempel, K.A., Artz, H., Wang, Y., Schneider, J. Magnetic properties of anisotropic Nd-Fe-B powder and magnets 3103
Von Unterricker, R. Temperature calculation for stripe-shaped heat sources in integrated circuits 22945
von Voss, W.D. Calibrating solder paste volume measuring systems 41679
von Weber, H., Madsen, B., Asai, H., Grebe, E. Characteristic numbers of primary control in the UCPTE-power system and future requirements 50422
Von Weck, C. Coverage aspects of digital terrestrial audio and television broadcasting 36307
von Wedel, H. *see* Meister, H. 18521
von Weikersthal, B.Fischer *see* Fischer von Weikersthal, B.
Von Wirth, J. *see* Hamaide, J.-P. 26828
Von Wirth, J. *see* Nouchi, P. 13598
von Zanthier, J. *see* Abel, J. 7143
Voncina, D. *see* Nedeljkovic, D. 8758
VonderHaar, T.H. *see* Shaikh, M.A. 18836
Vonesh, M.J. *see* Wiet, S.P. 28150
Vong, F. *see* Skiles, J.J. 20094
Vonk, H. *see* Rongen, R.T.H. 40431
Vonk, H. *see* Verschuren, C.A. 52647
Vonk, H. *see* Vreeburg, C.G.M. 44024

Vonkyoung Kim, Tegethoff, M., Chen, T. ASIC yield estimation at early design cycle 43265
Vonmetz, K. *see* Gotschy, W. 874
Vonwiller, J., Cleirigh, C., Garsden, H., Kumpf, K., Mountstephens, R., Rogers, I. Development and application of an accurate and flexible automatic aligner 56364
Voois, P.A., Cioffi, J.M. Upper bounds on achievable storage density: a two-dimensional approach 32861
Vook, R.W., Jo, B.H. In-situ UHV electromigration in Cu films 42753
Vook, R.W., Jo, K.H. In-situ UHV electromigration in Cu films 42742
Voon, L.F.C.Lew Yan *see* Lew Yan Voon, L.F.C.
Voorde, I.Van de *see* Van de Voorde, I.
Voorde, P.V., Griffin, P.B., Yu, Z., Oh, S.-Y., Dutton, R.W. Accurate doping profile determination using TED/QM models extensible to sub-quarter micron nMOSFETs 43071
Voorde, P.Vande *see* Vande Voorde, P.
Voorhes, D. Liquid cooling for DPSS lasers 3821
Voorma, H.-J., Louis, E., Koster, N.B., Bijkerk, F., Zijlstra, T., de Groot, L.E.M., Rousseeuw, B.A.C., Romijn, J., van der Drift, E.W.J.M., Friedrich, J. Fabrication and analysis of extreme ultraviolet reflection masks with patterned W/C absorber bilayers 42852
Voort, E.Van Der *see* Van Der Voort, E.
Voort, H.T.M.van der *see* van der Voort, H.T.M.
Vootukuru, M., Vemuri, R., Kumar, N. Resource constrained RTL partitioning for synthesis of multi-FPGA designs 53222
Vora, P.L., Trussell, H.J. Mathematical methods for the design of color scanning filters 23643
Vora, P.L., Trussell, H.J. Mathematical methods for the analysis of color scanning filters 23644
Vora, P.L. *see* Bhumkar, B. 59522
Vorbruggen, J.C. *see* von der Malsburg, C. *(editor)* 9816
Vorckel, A. *see* Pfleging, W. 42661
Vorflusev, V., Kosygina, M., Chigrinov, V. New type of monostability and grey scale generation in FLC cells 44093
Vornberger, O. *see* Schnecke, V. 11136
Vorobe'eva, A.E. *see* Chugunov, A.A. 52910
Vorobel, R. Contrast enhancement of remotely-sensed images 50235
Vorobel, R., Opyr, N. Adaptive interpolation algorithm for transformation functions in image processing 46371
Vorobel, V. *see* Vylov, T. 7833
Vorob'ev, E.A. Workpiece quality control by nondestructive test methods 52889
Vorob'ev, E.A. The economic basis for the design level of metrological characteristics providing the necessary test informativeness 52890
Vorob'ev, L.E., Danilov, S.N., Donetskii, D.V., Kochegarov, Yu.V., Firsov, D.A. Use of Ge hot-hole submillimeter lasers for metrics of narrow-gap semiconductors 44528
Vorob'ev, L.S. *see* Akimov, V.A. 28024
Vorobieff, P., Rockwell, D. Wavelet filtering for topological decomposition of flow fields 7678
Vorobiev, A.P. *see* Chmill, V.B. 37223
Vorobiov, A. *see* Buzykaev, A. 37237
Vorobiov, A. *see* Buzykaev, A. 37240
Vorobiov, N.S. *see* Do-Hyun Park 23866
Vorobjev, L.E., Danilov, S.N., Firsov, D.A. Continuously tuned far-infrared semiconductor laser and its use for investigations 3893
Vorobjev, L.E., Danilov, S.N., Firsov, D.A. Optical gain and continuous tuning of sub-millimeter injectionless hot hole p-Ge laser 55628
Vorobjov, G.S., Ruban, A.I., Kuts, R.I., Lisenko, A.N. Simulation of excitation mechanisms of oscillation in diffraction electronics devices on coupled open resonators 53561
Vorobjov, G.S., Tzvyk, A.I., Pushkaryov, K.A., Makeyev, O.S. Excitation of diffraction-Cerenkov radiation by the space charge waves of electron beam on metal-dielectric periodic structures 56114
Vorobjov, G.S. *see* Belousov, Ye.V. 53992
Vorobjov, I.A. *see* Andreev, V.A. 37025
Vorobjova, A. *see* Nikulin, A. 55098
Vorobtev, I.A. *see* Kolomiets, A.A. 49028
Vorobyev, V.V., Mamaev, M.A. Compensation for the dark current scattering in photodiode line cells by means of DAC 17477
Vorobyov, A.A. *see* Adam, A. 37280
Vorobyov, G.S., Tzvyk, A.I., Pushkaryov, K.A., Makeyev, O.S. Scattering of electron stream waves on metal-dielectric periodic structures 14567
Vorogushin, M.F., Svistunov, Yu.A. Key systems of an 433 MHz ion linac for applied purposes 49214
Vorogushin, M.F. *see* Svistunov, Yu.A. 49215
Voronchev, I.S. *see* Ando, A. 7771
Voronetskii, E.V., Ksenofontov, S.M., Rozhkov, V.M., Chelnokov, O.A., Shestakov, A.K. Increasing the efficiency of multifrequency amplifiers 40924
Voronin, A.B. *see* Givargizov, E.I. 53940
Voronin, A.V. *see* Rusakov, A.I. 23195
Voronin, E.N., Grinev, A.Yu., Chebakov, I.A. A visual display unit for the EHF range 7510
Voronin, K.V. *see* Korenkov, I.P. 60089
Voronin, V.G., Kornienko, L.S., Nanii, O.E. Self-consistent calculation method for solid-state ring lasers with acousto-optical interference components 23830
Voronina, T. *see* Kalimov, A. 44953
Voronina, T.I., Lagunov, T.S., Mikhailova, M.P., Moiseev, K.D., Obukhov, S.A., Rozov, A.E., Yakovlev, Yu.P. Properties of the electron channel in single GaInAsSb/p-InAs heterostructures 54146
Voronkina, N.I. *see* Barashkov, N.N. 28033
Voronko, A. *see* Stiens, J. 33057
Voronkov, V.A. *see* Danilov, V.N. 60110
Voronkov, V.S., Sigun'kov, S.A. A balance with a magnetic suspension 17811
Voronkova, G.M., Zuev, V.V., Kiryukhin, A.D., Yakubovskii, K.V. Effect of tungsten film on electro-physical properties of silicon after annealing at 1100°C 12556
Voronov, A.V., Golovkov, A.A., Kuznetsov, S.V. Image formation in a three-dimensional laser display 36792
Voronov, A.V. *see* Asnis, L.N. 27790
Voronov, B. *see* Kawamura, J. 43870
Voronov, F.F. *see* Stalgorova, O.V. 36534
Voronov, P.M. *see* Ptitsyna, N.G. 28456
Voronov, V.V. *see* Dolgaev, S.I. 42662
Voronov, V.V. *see* Dolgaev, S.I. 54377
Voronova, I.M. *see* Belyaev, A.A. 23439
Voronovich, A.G. On the theory of electromagnetic waves scattering from the sea surface at low grazing angles 18914
Voronovsky, A.N. *see* Dizhur, E.M. 22349
Vorontsov, A.A., Mirovitskaya, S.D. Excitation of a dielectric cylinder by a point source of radiation 24463
Vorontsov, A.A., Mirovitskaya, S.D. Diffraction of a plane wave by a two-layer dielectric cylinder 45051
Vorontsov, M.A., Degtyarev, E.V. Competitive mode dynamics in a nonlinear interferometer 4992
Vorontsov, M.A., Karpov, A.Yu. Diffractive patterns in a 2D feedback system: interballoon mode interactions 24172
Vorontsov, M.A., Karpov, A.Y. Pattern formation due to interballoon spatial mode coupling 33631
Vorontsov, M.A., Karpov, A.Y. Stimulated optical patterns in a Kerr slice-feedback mirror-type experiment 44110
Vorontsov, M.A., Mingjun Zhao, Anderson, D.Z. Nonlinear dynamics of a 2D feedback system with photorefractive gain 23593
Vorontsov, M.A. *see* Iroshnikov, N.G. 24169
Voropaev, S.I. *see* Lange, Y.V. 52907
Voropai, N.I., Gamm, A.Z. The management of development and functioning of electrical power systems in present conditions: new approaches and results 50407
Voropai, N.I., Klimenko, S.O., Krivorutski, L.D., Pyatkova, N.I., Senderov, S.M., Slavin, G.B., Cheltsov, M.B. On the essence and main problems of the power security of Russia 50406
Vorotyntsev, M.A., Vieil, E., Heinze, J. Charging-discharging process of polypyrrole films in solutions of tetraphenylborate anions 9504
Vorotyntsev, V., Maksimovich, N., Yeremina, L., Kaskevich, O., Nikitina, N. Adsorption semiconductor gas sensors and heterogeneous catalytic reaction mechanisms 36759
Vorotyntsev, V. *see* Makisimovich, N. 37614
Vorozov, N.N. *see* Bondarenko, V.P. 42093
Vorperian, V., McLyman, W.T. Analysis of a PWM-resonant converter 31080
Vorperian, V. *see* Tang, T.K. 59882
Vorsic, J. *see* Korosec, A. 61320
Vorst, A.V. *see* Wu, T. 27552
Vorst, A.Vander *see* Vander Vorst, A.
Vorstermans, A., Martens, J.-P., Van Coile, B. Automatic segmentation and labelling of multi-lingual speech data 4609
Vorzobova, N.D., Ryabova, R.V., Korolev, A.E. Characteristics of new high-resolution silver-halide materials for head-on recording in a broad visible spectral range, developed at the Kurchatov Institute of the All-Russian Research Center 44781
Vos, C. *see* Marroquin, E.M. 59397
Vos, E. *see* Brosio, A. 26856
Vos, F. *see* Berghmans, F. 38538
Vos, J.A. *see* van Heesewijk, H.P.M. 37643
Vos, J.De *see* De Vos, J.
Vos, L. Ground motion in LEP and LHC 17961
Vos, L.De *see* De Vos, L.
Vos, M.A. *see* Dassen, W.R.M. 49642
Vosberg, H. *see* Wirrwar, A. 59464
Vosburgh, R.O., Pong, L.T., Rajagopal, G. Incorporating IPE insight into accident management strategy 38480
Vosen, S.R. *see* Meeks, E. 42515
Voskoboinikov, Yu.E., Ivanov, M.S., Kislenko, N.P., Moseichuk, O.N. Efficient algorithms of calculation and processing of velocity fields by particle images in flows 15451
Voskovtsova, L.M., Davletshina, Z.Yu., Kamardin, Yu.B., Plotnikova, T.P., Gubanov, E.F. Polymeric material for copying an optical surface on metal substrates 13532
Voslоо, W.L. *see* Van Wyk, L. 19379
Vosper, J.V., Heima, M. Comparison of single- and dual-element frequency control in a CCII-based sinusoidal oscillator 11213
Vosper, J.V., Heima, M. CCII/CFA active-RC oscillators based on cascaded first-order allpass building blocks 31144
Voss, A., Gerhard, G. Satellite-based frame relay networks 16640
Voss, A., Wessel, N., Kleiner, H.J., Osterziel, K., Dietz, R. Characterization of cardiovascular diseases by measures of non-linear dynamics 49596
Voss, A. *see* Plass, W. 24060
Voss, A. *see* Plass, W. 55779
Voss, A. *see* Wessel, N. 49598
Voss, C., Hoholdt, T. An explicit construction of a sequence of codes attaining the Tsfasman-Vladut-Zink bound. The first steps 24733
Voss, G. Recognising and serving demands of the market from the ESE sector [electric utilities] 8828
Voss, G. A steady contact–the K3000 ISDN service set puts the S/T interface to the test 16465
Voss, G.A., Brinkmann, R., Holtkamp, N. A beam based interaction region feedback for an S-Band linear collider 49202
Voss, J. *see* Fette, M. 38714
Voss, K., Goetzberger, A., Bopp, G., Haberle, A., Heinzel, A., Lehmberg, H. The self-sufficient solar house in Freiburg–results of 3 years of operation 50852
Voss, K., Suesse, H. Invariant fitting of planar objects by primitives 5120
Voss, K., Suesse, H. Invariant fitting of planar objects by primitives 25627
Voss, M., Lier, C., Menzel, U., Barwolff, A., Elsaesser, T. Temporally and spatially resolved emission studies of GaAs/AlGaAs laser diode arrays mounted on different heat sinks 23989
Voss, M. *see* Puchert, R. 3852
Voss, M. *see* Tomm, J.W. 44443
Voss, S. *see* Duin, G. 40052
Voss, W.D.von *see* von Voss, W.D.
Vosschulte, P., Reinhardt, L., Fetsch, T. Approach to the human ECG with periodic orbits 49706
Vossebeld, J. *see* Bamberger, A. 7787
Vossebeld, J. *see* Bamberger, A. 37358
Vosseburger, M. *see* Heiliger, H.-M. 10677
Vosseburger, M. *see* Heiliger, N.-M. 31455
Vosselman, G. *see* Scherbakov, A. 48110
Vossenberg, E. *see* Carlier, E. 49074
Vossenberg, E. *see* Ducimetiere, L. 51409
Vossepoel, A.M. *see* Janssen, R.D.T. 35168
Vossepoel, A.M. *see* Van der Heijden, G.W.A.M. 5060
Vossler, G.L., Brooks, C.J., Winick, K.A. Chromium indiffused $LiNbO_3$ waveguide amplifier 33454
Vossler, G.L., Brooks, C.J., Winick, K.A. Modeling and characterization of erbium:ytterbium glass waveguide lasers 33455
Vossough, K.K., Hunt, C.E. Reactive plasma sputter deposition of silicon oxide 40660
Vostaan, L.L.A. *see* Kuznetsov, V.I. 862
Vosteen, W.E. Alternate uses for the charged plate monitor 27881
Vostrov, E.A. *see* Kutuza, B.G. 16938
Votaw, J.R. *see* Faber, T.L. 18398
Votaw, J.R. *see* Li, H.H. 59499
Voter, A.F. *see* Chen, S.P. 54023
Voth, T.E., Bergman, T.L. Ball grid array thermomechanical response during reflow assembly 20950
Voti, L. *see* Bertelotti, M. 44040
Voti, R.Li *see* Li Voti, R.
Votockova, I. *see* Spurny, F. 8209
Votta, M. *see* Borseri, L. 34294
Vottis, P. *see* Kathe, E. 24418
Vottis, P.M., Cipollo, M., Kathe, E., Zabar, Z., Levi, E., Birenbaum, L. Use of electromagnetic coil launcher to increase muzzle velocity of conventional cannons 24420
Vouk, M. *see* Rindos, A. 46563
Vouk, M.A. *see* Dixit, P. 6191
Voukelatos, S.P., Soraghan, J.J. Very low bit-rate color video coding using adaptive subband vector quantization with dynamic bit allocation 56693
Voulgaris, A.N., Constantinidis, T.S. F-persistence studies in L5-S1 lumbosacral radiculopathies 28307
Voulgaris, N.C. *see* Chatzakis, J. 19858
Voulgaris, S. *see* Nikolos, D. 31335
Voumard, P. *see* Kaminskyj, I. 45798
Voumard, P.R. *see* Zahedi, A. 20539
Voumvoulakis, D. The rational use of power on Greek electricity sector today–the view of Public Power Corporation 19183
Vounchx, R. *see* Ayadi, K. 33313
Vounckx, R. *see* Ayadi, K. 23706
Vounckx, R. *see* Ayadi, K. 58379
Vounckx, R. *see* Bickel, G. 13852
Vounckx, R. *see* Bickel, G. 33256
Vounckx, R. *see* Heremans, P. 44317
Vounckx, R. *see* Kirk, A. 55360
Vounckx, R. *see* Stiens, J. 33057
Vourdas, A. *see* Jones, G.R. 5189
Vouri, S. VESA display standards overview 17658
Vournas, C.D., Pai, M.A., Sauer, P.W. The effect of automatic voltage regulation on the bifurcation evolution in power systems 19093
Vournas, C.D. *see* Manos, G.A. 19068
Vournas, C.D. *see* Pai, M.A. 50392
Voutilainen, R. *see* Ylostalo, J. 17855
Vovenko, A. *see* Antipov, Yu. 37230
Vovk, P.P. *see* Molebny, V.V. 59612

Vovk, Ya.N. *see* Barchuk, I.P. 32085
Vovos, N.A. *see* Giannakopoulos, G.B. 51676
Voxman, W. *see* Goetschel, R.H., Jr. 10304
Voyatzis, G., Pitas, I. Applications of toral automorphisms in image watermarking 57232
Voye, T. *see* Barthel, K.U. 56752
Voyer, R. *see* de la Mothe, J. 30091
Voykov, G.K. *see* Dattoli, G. 3914
Voyles, R.M., Merrow, J.D., Khosla, P.K. Including sensor bias in shape from motion calibration and sensor fusion 15421
Vozlovskii, V.V. *see* Karlina, L.B. 39049
Voznesensky, K.V. *see* Tron, A.M. 49120
Voznij, V. *see* Kalinichenko, A. 49307
Vozza, D., Moisan, C., Raquet, S. An improved model for the energy resolution of multicrystal encoding detectors for PET 59210
Vozza, V. *see* Bjornland, D.F. 47281
Vrana, M., Van Calster, A., Vanden Berghe, R., Allaert, K. Interconnection technology for advanced high density thick films 1890
Vranesic, N. *see* Brown, S. 11259
Vranjes, B., Jerbic, B., Kunica, Z. Study of automatic assembly for connectors 20832
Vranka, P. *see* Griva, C. 39269
Vrankovic, V. *see* Adam, A. 37280
Vray, D. *see* Ma, N. 56443
Vray, D. *see* Rastello, T. 49985
Vrba, F.J. *see* Fowler, A.M. 48650
Vrba, J., Franconi, C., Lapes, M. Theoretical limits for the penetration depth of intracavitary applicators 18511
Vrba, K., Cajka, J., Zeman, V. RC-active n-th order lowpass filters 11559
Vrba, R. Reduction of noise in a ΣΔ A/D converter 11525
Vrba, V. *see* Becks, K.H. 59228
Vrcek, N. Comparison analysis of ECG data compression algorithms 8074
Vrcek, N., Tonkovic, S. Some aspects of ECG data compression analysis 37793
Vreeburg, C.G.M., Oei, Y.S., Scholtes, T.L.M., Pedersen, J.W., Vonk, H., Verschuren, C.A., Rongen, R.T.H., Leys, M.R., Wolter, J.H. Loss-reduction of deeply etched InP/InGaAsP waveguides by CBE-regrowth 44024
Vreeburg, C.G.M., Uitterdijk, T., Oei, Y.S., Smit, M.K., Groen, F.H., Metaal, E.G., Demeester, P., Frankena, H.J. First InP-based reconfigurable integrated add-drop multiplexer 26871
Vreeburg, C.G.M. *see* Uitterdijk, T. 44080
Vreeburg, C.G.M. *see* Verschuren, C.A. 52647
Vreede, J.P.M.de *see* de Vreede, J.P.M.
Vreede, L.C.N.de *see* de Vreede, L.C.N.
Vreede, P.W.H.de *see* de Vreede, P.W.H.
Vreeswijk, C.van *see* van Vreeswijk, C.
Vreeswijk, M. *see* Bamberger, A. 7787
Vreeswijk, M. *see* Bamberger, A. 37358
Vremera, E. *see* David, V. 27490
Vretenar, M. *see* Catalan Lasheras, N. 49084
Vretenar, M. *see* Charmot, H. 49026
Vretenar, M. *see* Feschenko, A.V. 37134
Vretenar, M. *see* Hill, C. *(editor)* 39523
Vrey, E.de *see* de Vrey, E.
Vrhel, M., Chulhee Lee, Unser, M. Fast computation of the continuous wavelet transform through oblique projections 15294
Vrhel, M.J., Lee, C., Unser, M. Comparison of algorithms for the fast computation of the continuous wavelet transform 25071
Vrhel, M.J., Lee, C., Unser, M. Rapid computation of the continuous wavelet transform by oblique projections 45935
Vries, B.de *see* de Vries, B.
Vries, D.De *see* De Vries, D.
Vries, J.W.C.de *see* de Vries, J.W.C.
Vries, M.J.de *see* de Vries, M.J.
Vries, P.H.S.de *see* de Vries, P.H.S.
Vries, P.M.J.M.de *see* de Vries, P.M.J.M.
Vries, R.Penning de *see* Penning de Vries, R.
Vries, W.de *see* de Vries, W.
Vriesenga, M. *see* Blake, P.L. 15772
Vriesenga, M. *see* Sklansky, J. 15669
Vrieze, O.J. *see* Flesch, J. 10280
Vrinceanu, D. *see* Bessis, D. 42207
Vrnata, M., Myslik, V., Machac, P. Laser-annealed deep contacts for layered structures 54327
Vrnata, M. *see* Myslik, V. 42272
Vrtar, M., Kovacevic, N. Quality assurance analysis of total body irradiation method 37857
Vrtar, M., Kovacevic, N., Bistrovic, M., Breyer, B. A densitometric method of radiation beam-light beam intercomparison of ^{60}Co radiotherapy units in Croatia 37858
Vrtis, R. *see* George, M.A. 42467
Vrudhula, S.B.K. *see* Wang, Q. 11099
Vsevolozhskaya, T. *see* Palmer, R.B. 17924
Vsevolozhskaya, T. *see* Palmer, R.B. 17966
Vsevolozhskaya, T.A. Kinetics of ionization cooling of muons 17932
Vu, B., Zavracky, P.M. Patterned eutectic bonding with Al/Ge thin films for microelectromechanical systems 54847
Vu, C. *see* Betts, W. 59222
Vu, C. *see* Bieser, F. 59307
Vu, F. *see* Watts, D. 27319
Vu, K. *see* Doeringer, W. 35734
Vu, K. *see* Mondal, J. 41492
Vu, M. Choose termination and topology to maximize signal integrity and timing 31184
Vu, P. *see* Gordon, L.B. 32687
Vu, Q.T. *see* Maloney, T.J. 14655
Vu, T.B., Jonas, G. On smart base-station antennas for mobile communications 35940
Vu, T.O. *see* Tseng, Y.C. 22964
Vu, T.T. *see* Orazi, R.J. 26899
Vu Loi Duy *see* Loi Duy Vu
Vu Quoc *see* Quoc Vu
Vu Thien, H. *see* Alexandre, C. 25699
Vu Thien Binh, Purcell, S.T. Field emission from nanotips 53915
Vu Thien Binh, Purcell, S.T., Semet, V. Electron sources of atomic dimensions: new concepts and new applications 31691
Vu-Dinh, T. *see* Martin, A.L. 58136
Vu-Thien, H. *see* Nafati, M.M. 31397
Vuagnin, G. *see* Elsener, K. 49261
Vucetic, B. *see* Leonardo, E.J. 4476
Vucetic, B.S. *see* Oppermann, I. 26534
Vucetic, B.S. *see* Oppermann, J. 46661
Vucetic, J., Kline, P., Plaschke, J. Implementation and performance analysis of multi-algorithm dynamic channel allocation in a wideband cellular network 6603
Vucetich, H. *see* Alonso, R. 37290
Vuchkov, N.K., Sabotinov, N.V., Temelkov, K.A. Two-arm CuBr laser with a central electrode 44360
Vuchkov, N.K. *see* Astadjov, D.N. 23748
Vuchkov, N.K. *see* Astadjov, D.N. 55503
Vucic, D.Z., Obradovic, M.M. Cyclic spectral analysis of multicarrier modulation 24635
Vuckovic, D. *see* Zafirovic-Vukotic, M. 19208
Vuckovic, V. *see* Levi, E. 61194
Vuckovic, V. *see* Sokola, M. 9580
Vudali, M. The location area design problem in cellular and personal communications systems 47727
Vuento, M. *see* Laitinen, M.P.A. 36710
Vuerinckx, X., Rolain, Y., Schoukens, J., Pintelon, R. Design of stable IIR filters in the complex domain by automatic delay selection 15362
Vuillaume, D. *see* Bravaix, A. 43102
Vuillaumne, C. TMN: towards open telecoms management 46938
Vuillermoz, P.L. *see* Melquiond, F. 7541
Vuilleumier, J.-L. *see* Lou, K. 7818
Vuilleumier, J.-M. *see* Lou, K. 7818
Vuilleumier, R. *see* Kraiczek, K. 48519
Vuillier, S. *see* Martinez, E. 49350
Vuillod, P., Benini, L., Bogliolo, A., De Micheli, G. Clock-skew optimization for peak current reduction 11324
Vuillod, P. *see* Benini, L. 1324
Vujatovic, S.S. *see* Nikolic, P.M. 54130
Vujic, J. *see* Cho, H.S. 59263
Vujic, J. *see* Lee, Y. 22717
Vujic, J. *see* Lee, Y. 49297
Vujic, J. *see* Lee, Y. 49306
Vujic, J. *see* Lee, Y. 49309
Vujic, J.L. *see* Antic, D.P. 19461
Vujicic, V., Zupunski, I., Milovancev, S. General method for quantization error predetermination in digital measurement system 17239
Vujicic, V. *see* Zupunski, I. 27403
Vujnovic, V., Maric, I. The laser communications in CARNet 36139
Vujovic, N., Bakic, P., Brzakovic, D. Extraction of control points in mammogram pairs using cellular neural networks 59559
Vujovic, N.S., Bakic, P.R., Brzakovic, D.P. Analogic algorithm for point pattern matching with application to mammogram follow-up 35087
Vujovic, N.S. *see* Bakic, P.R. 25556
Vukelja, P. *see* Zdravkovic, Z. 19815
Vukelja, P.I., Naumov, R.M., Drobnjak, G.V., Mrvic, J.D. Experimental investigations of overvoltages in 6 kV station service cable networks of thermal power plants 19345
Vukic, D. *see* Stajic, Z.P. 19713
Vukicevic, D. *see* Harthong, T. 44753
Vukovic, D. *see* Glavinic, V. 35828
Vukovic, G.S., Perovic, N.L., Maglic, K.D. Improvements in data reduction in direct pulse heating calorimetry 7116
Vukovic, I.N., Vastola, K.S. An analysis of a new carrier sensing scheme for undirectional bus CSMA networks 6123
Vukovic, M.D. *see* Popovic, D.P. 60224
Vukovich, G., Yousefi-Koma, A. A non-collocated active traveling wave control of smart structures using distributed transducers 2996
Vuksanovic, B. *see* Wright, S.E. 15248
Vukson, S.P. *see* Erbacher, J.K. 60996
Vukson, S.P. *see* Loeber, G. 18670
Vul', A.Ya. *see* Mukhanov, V.A. 10581
Vulicevic, Lj. *see* Stefanovic, D. 40667
Vulliermе, B. *see* Gerin, G. 49081
Vulliet, L., Casanova, N., Inaudi, D., Osa-Wyser, A., Vurpillot, S. Development and laboratory tests of deformation fiber optic sensors for civil engineering applications 7389
Vuong, G.-T. *see* Khodabakhchian, B. 60217
Vuong, G.T. *see* Khodabakhchian, B. 50326
Vuong, H.-H., Rafferty, C.S., Mansfield, W., Luftman, H., Jacobson, D., Pinto, M.R., Eshraghi, S.A., McMacken, J.R., Ham, T.E. Modeling C-V shifts in boron/BF_2-implanted capacitors 43070
Vuong, H.-H. *see* Rafferty, C.S. 42410
Vuong, K.D. *see* Lee, D.H. 40538
Vuong, K.D. *see* Orloff, S. 852
Vuong, K.D. *see* Tenpas, E.W. 10866
Vuong, N.V. *see* Sermyagin, A.V. 43790
Vuong, S. *see* Tam, R. 47482
Vuong, S.T. *see* Antonova, G.S. 48018
Vuong Huu-Nghia *see* Huu-Nghia Vuong
Vuori, J. Implementation of a digital phase-locked loop using CORDIC algorithm 1198
Vuori, T.A., Smith, C.L. Three dimensional imaging system with structured lighting and practical constraints 57422
Vural, K. *see* Benson, J.D. 21287
Vural, K. *see* Kozlowski, L.J. 17503
Vurgaftman, I., Freeman, P.N., Bhattacharya, P.K., Singh, J. Time-domain optical wave propagation in disordered and nonuniform guiding structures 14664
Vurgaftman, I., Meyer, J.R., Ram-Mohan, L.R. Phase matching in waveguide-mode intersubband χ_{2nd}^{cn} devices 12499
Vurgaftman, I., Meyer, J.R., Ram-Mohan, L.R. High-power/low-threshold type-II interband cascade mid-IR laser–design and modeling 23979
Vurpillot, S. *see* Inaudi, D. 17406
Vurpillot, S. *see* Inaudi, D. 17440
Vurpillot, S. *see* Vulliet, L. 7389
Vusirikala, V., Gopalan, B.P., Kareenahalli, S., Dagenais, M., Wood, C.E.C., Stone, D., Chen, Y.J. Low-loss, alignment-tolerant coupling from a GaAs/AlGaAs QW laser to a single mode fiber 3389
Vusirikala, V., Heim, P.J.S., Dagenais, M., McClay, C.P. Packaging of a monolithic microwave/optical receiver chip with an optical fiber 16679
Vutetkis, D.G., Vaiswanathan, V.V. Cycle life testing of a 24-V, 15-Ah sealed lead-acid aircraft battery 60994
Vuwong, V., Yu, H. Shape-based active contour model 15804
Vuylsteke, P. *see* Fivez, C. 59439
Vyacheslavov, L.N. *see* Allegrini, M. 907
Vyas, K.D. *see* Keller, J.M. 54899
Vyas, P.D. *see* Deshmukh, P.R. 22659
Vyas, P.D. *see* Kuruvilla, B.A. 2353
Vyatchanin, S.P., Zubova, E.A. Quantum variation measurement of force using optical transducer of displacement with coherent pump 17325
Vyatkin, A.F. *see* Avrutin, V.S. 30741
Vybornov, F.I. *see* Alimov, V.A. 14609
Vybyvanets, V.I. *see* Nikolaev, Yu.V. 19977
Vydrevich, M.G. *see* Dalinenko, I.N. 27145
Vydyanath, H.R. *see* Kutcher, S.W. 2296
Vylegzhanin, O.N. *see* Ivanchenkov, V.P. 5446
Vylet, V. *see* Rokni, S.H. 8216
Vylet, V. *see* Ruth, R.D. 49165
Vylov, T., Brudanin, V.B., Rukhadze, N., Salamatin, A., Stekl, I., Egorov, V., Kovalenko, V., Kovalik, A., Vorobel, V., Timkin, V., Revenko, A., Zaparov, Sh., Sandukovskij, V.G., Tsupko-Sytnikov, V., Briancon, C., Janout, Z., Pospisil, S., Kubasta, J., Konicek, J. The high sensitivity double beta spectrometer TGV 7833
Vynckier, S. *see* Loncol, Th. 59846
Vyshlov, V.A., Kuznetsov, V.A., Timofeev, E.Yu. Prospects for software for transducer systems for control and measurement 7181
Vyshlov, V.A., Kuznetsov, V.A., Timofeev, E.Yu. Personal automated measuring systems 27411
Vysloukh, V. *see* Sarabia, C.M.G. 24193
Vysloukh, V.A., Kutuzov, V., Shuvalov, V.V. Suppression of dynamic distortions by four-wave mixing in a photorefractive crystal 4004
Vysloukh, V.A., Serkin, V.N., Samarina, E.V. Optical soliton dynamics in spectral inhomogeneous waveguides 33000
Vysloukh, V.A., Zasimova, A.V., Makarov, V.A. Self-action of frequency-modulated elliptically polarized pulses in a nonlinear isotropic gyrotropic medium with an anomalous frequency dispersion 14616
Vysloukh, V.A. *see* Aleshkevich, V.A. 24095
Vysloukh, V.A. *see* Garcia-Quirino, G.S. 33678
Vysloukh, V.A. *see* Kutuzov, V. 33618
Vysloukh, V.A. *see* Quirino, G.S.G. 14307
Vysotsky, G.J. Progress in deployment and further development of the NYNEX VoiceDialing^{SM} service 46962
Vysotsky, V.S., Takayasu, M., Minervini, J.V. On the position of the apparent current center inside CICC during external magnetic field ramp 43776
Vysotsky, V.S., Takayasu, M., Minervini, J.V. Jumps of the local magnetic field near CICC during external magnetic field ramp and their connection with the ramp rate limitation 43777
Vyssotina, N.V. *see* Westerov, L.A. 33625
Vystavkin, A., Tarasov, M., Kaplunenko, V., Filippenko, L., Abramova, I. 600 GHz superconducting receiver integrated circuit comprising log-periodic antenna, SIS mixer and SQUID array local oscillator 32927
Vystavkin, A. *see* Tarasov, M. 55121
Vytovtov, K. *see* Terent'ev, Y. 45103
V'yun, V.A. Auto-oscillations of the pyroelectric voltage 32675
Vyver, B.van de *see* van de Vyver, B.

W-Ping Xu, Lirong Zheng, Huoping Xin, Okuyama, M., Chenglu Lin Application of hydrothermal mechanism for tailor-making perovskite titanate films 52757
Wa, M.S. *see* Chang-Hasnain, C.J. 44451
Waack, S. *see* Meinel, C. 16000
Waadeland, H. *see* Njastad, O. 30560
Waag, A., Fischer, F., Schull, K., Baron, T., Lugauer, H.-J., Litz, T., Zehnder, U., Ossau, W., Gerhard, T., Keim, M., Reuscher, G., Landwehr, G. Laser diodes based on beryllium-chalcogenides 23959
Waag, A., Litz, T., Fischer, F., Lugauer, H.J., Heinke, H., Landwehr, G. CdCaTe and CdMgTe heterostructures grown by molecular beam epitaxy 22312
Waag, A. *see* Kochereshko, V.P. 12396
Waag, A. *see* Kulakovskii, V.D. 2156
Waag, A. *see* Lunz, U. 2149
Waag, A. *see* Mackh, G. 22316
Waag, A. *see* Schikora, D. 782
Waaij, B.van der *see* van der Waaij, B.
Waal, R.van der *see* van der Waal, R.
Waard, A.de *see* de Waard, A.
Waarts, O. *see* Etzioni, O. 6195
Waasen, S.van *see* van Waasen, S.
Waast, B., Della-Negra, S., Lafoux, A. Acceleration of heavy clusters to MeV energies at the Orsay MP tandem 49155
Wabinski, W., von Martens, H.-J. Time interval analysis of interferometer signals for measuring amplitude and phase of vibrations 58669
Wabner, D. *see* Niebling, G. 27434
Wabnitz, H. *see* Grosenick, D. 37661
Wabnitz, S. Control of soliton train transmission, storage, and clock recovery by CW light injection 24190
Wabnitz, S., Westin, E., Frey, R., Flytzanis, C. Soliton mode locking by nonlinear Faraday rotation 14304
Wabnitz, S. *see* Fuerst, R.A. 44743
Wabnitz, S. *see* Kodama, Y. 16711
Wabnitz, S. *see* Matera, F. 36184
Wac-Wlodarczyk, A. Selection of core materials for magnetic frequency multipliers 21845
Wach, J. *see* Kiessling, B. 9664
Wach, P., Tilg, B., Lafer, G., Nenonen, J., Katila, T. Modeling of the cardiac forward and inverse problem–magnetic source imaging from magnetocardiographic data 49491
Wach, P. *see* Macek-Kaminska, K. 9245
Wachi, T. *see* Fujii, K. 31567
Wachsman, E.D., Jayaweera, P., Jiang, N., Lowe, D.M., Pound, B.G. Stable high conductivity ceria/bismuth oxide bilayered electrolytes 51545
Wachtel, S. High density MLB's with new materials and build-up technologies 11939
Wachter, C., Palme, M. Application of the beam propagation method to diffused transmission gratings 55256
Wachter, C. *see* Gehler, J. 44015
Wachter, E.A., Thundat, T., Oden, P.I., Warmack, R.J., Datskos, P.G., Sharp, S.L. Remote optical detection using microcantilevers 7325
Wachter, E.A. *see* Datskos, P.G. 7340
Wachter, E.A. *see* Oden, P.I. 27565
Wachter, J.de *see* de Wachter, J.
Wachter, R.M., Gupta, J.N.D. Teaching information systems via interactive television 9855
Wachutka, G. *see* Lades, M. 12880
Wack, O.K. *see* Lessmann, D.K. 53789
Wacker, A., Jauho, A.P. Microscopic modelling of perpendicular electronic transport in doped multiple quantum wells 54226
Wacker, A., Moscoso, M., Kindelan, M., Bonilla, L.L. Current-voltage characteristic and stability in resonant-tunneling n-doped semiconductor superlattices 42172
Wacker, A. *see* Kastrup, J. 42173
Wacker, K. *see* Glas, A. 39346
Wackerman, C.C., Rufenach, C.L., Shuchman, R.A., Johannessen, J.A., Davidson, K.L. Wind vector retrieval using ERS-1 synthetic aperture radar imagery 18844
Waclawek, J., Kovac, J., Rheinlander, B., Gottschalch, V., Skriniarova, J. Electrically tunable GaAs/AlGaAs MQW RCE photodetector 27566
Waclawek, Z. *see* Kostyla, P. 4778
Waclawik, S.D. *see* Budka, T.P. 11738
Wacogne, B., Jackson, M.D., Fisher, N.E., Podoleanu, A., Jackson, D.A. Security enhancement for a DPSK telecommunication system using false data transmission 26774
Wacogne, B., Jackson, M.D., Fisher, N.E., Podoleanu, A., Jackson, D.A. Phase modulation and false data transmission for secure communication 36089
Wacogne, B., Porte, H., Mollier, P., Jackson, D.A. Modified coherence modulation techniques for secure transmission 26775
Wacogne, B.F.M. *see* Pannell, C.N. 13632
Wada, A., Okude, S., Sakai, T., Yamauchi, R. GeO_2 concentration dependence of nonlinear refractive index coefficients of silica-based optical fibers 23507
Wada, A., Tani, K. Top-down design methodology of mixed signal with analog-HDL 41357
Wada, H., Fukushima, H. Mobile computing on wireless telecommunication networks 47761
Wada, H., Kanno, T., Nagashima, M., Uchikoshi, M., Yutani, N., Matsubara, T., Nakanishi, J., Kumada, N., Kimata, M. GeSi-Si heterojunction infrared photodetector 58846
Wada, H., Sumita, J., Oshima, Y., Minami, N., Iyama, O., Yokoyama, N., Wada, M., Kubota, Y., Takakoshi, K., Yamano, Y., Nakamura, Y., Tada, Y., Kagita, H. Development of switching rectifier with remote monitoring and control 60893
Wada, H., Takamori, T., Kamijoh, T. Room-temperature photo-pumped operation of 1.58-μm vertical-cavity lasers fabricated on Si substrates using wafer bonding 3823
Wada, H. *see* Ando, T. 32264
Wada, H. *see* Chang-Qing Xu 33626
Wada, H. *see* Ebe, H. 705
Wada, H. *see* Hattori, K. 22723
Wada, H. *see* Kawano, M. 10675
Wada, H. *see* Kitaoka, Y. 33081
Wada, H. *see* Maruyama, K. 704
Wada, H. *see* Maruyama, K. 21286
Wada, H. *see* Nagashima, M. 40624
Wada, H. *see* Noda, Y. 60960
Wada, H. *see* Schmidt, C. 43752
Wada, H. *see* Shigenaka, K. 703
Wada, K., Takagi, S., Czarnul, Z., Fujii, N. Topology-independent predistortion for integrator-based filters 11565
Wada, K., Takagi, S., Fujii, N. Design of integrated continuous-time filters with low group-delay sensitivities 53409
Wada, K. *see* Fushimi, H. 31809
Wada, K. *see* Horinaka, H. 15808
Wada, K. *see* Horinaka, H. 59528
Wada, K. *see* Kohda, H. 2321
Wada, K. *see* Takagi, S. 53418
Wada, M., Nishio, Y., Ushida, A. Breakdown of in-phase synchronization of two chaotic circuits coupled by an inductor 1115
Wada, M., Nishiura, M., Kasuya, T. Measurement of negative ion density near the plasma grid by photodetachment 37186
Wada, M., Okamoto, H., Kishi, K., Kadota, Y., Qkamoto, M., Kondo, Y., Sakai, Y., Oohashi, H., Suzaki, Y., Tohmori, Y., Nakao, M., Itaya, Y., Yamamoto, M. Laser diodes integrated with butt-jointed spotsize converter fabricated on 2-in wafer 44468
Wada, M., Sakakibara, K., Izumi, K., Iwaoka, H. Development of near-infrared photodiodes with high responsivity over a wide wavelength range 3602
Wada, M., Sakakibara, S., Kyoko, U.I., Iwaoka, H. Photodetectors for near-infrared spectroscopy 27557
Wada, M., Sasao, M., Taniike, A. Development of negative ion sources for fusion produced alpha particle diagnostics 37181
Wada, M. *see* Higashikubo, T. 16519
Wada, M. *see* Horino, Y. 37188
Wada, M. *see* Itaya, Y. 26909
Wada, M. *see* Itaya, Y. 55604
Wada, M. *see* Kawada, M. 54978
Wada, M. *see* Kawano, K. 23905
Wada, M. *see* Kawano, K. 44489
Wada, M. *see* Kurosaki, T. 23563
Wada, M. *see* Kurosaki, T. 23564
Wada, M. *see* Miyamoto, M. 9305
Wada, M. *see* Morimoto, H. 36279
Wada, M. *see* Okamoto, H. 44283
Wada, M. *see* Wada, H. 60893
Wada, N., Tanaka, H., Hamaji, Y., Sakabe, Y. Microstructures and dielectric properties of fine-grained $BaTiO_3$ ceramics 2939
Wada, N. *see* Suzuki, A. 2038
Wada, N. *see* Tonouchi, M. 43745
Wada, O. Progress in optoelectronic device technologies for optical interconnection and photonic switching 16512
Wada, O. *see* Miyashita, T. 14640
Wada, O. *see* Miyashita, T. 41013
Wada, O. *see* Nishikawa, Y. 58395
Wada, O. *see* Tanimura, J. 730
Wada, S. Adaptive spectrum exchange and modification using multirate filters 15310
Wada, S., Akagawa, K., Tashiro, H. Direct electronic tuning of a Ti:sapphire laser with an acousto-optic crystal 3750
Wada, S., Takahashi, N. A method for time-frequency multirate filtering 34904
Wada, S., Ukegawa, S., Okada, A., Higashisaka, S., Shiohama, E., Kotani, M. The ignition characteristics of electrodeless metal halide lamps 39390
Wada, S., Yagi, H., Saito, T. A flexible design of nonuniformly oversampled multirate filter banks 11578
Wada, S. *see* Akagawa, K. 44658
Wada, S. *see* Kifuku, T. 9702
Wada, S. *see* Xiao-Wei Xia 28136
Wada, T. ESD evaluation methods for a charged device model 24335
Wada, T., Humphries, R., Tait, R., Stein, S.J., Stein, M.A., Heinz, M., Wahlers, R. Low temperature ceramic tape (LTCT) coated metal substrates 11993
Wada, T., Kominami, M., Kusaka, H. Radiation fields of a printed-dipole on a semi-infinite substrate 14732
Wada, T. *see* Fujikake, S. 39127
Wada, T. *see* Gorwadkar, S.M. 32322
Wada, T. *see* Ichino, T. 50618
Wada, T. *see* Kato, K. 48763
Wada, T. *see* Kozaru, K. 53297
Wada, T. *see* Nakagawa, M. 17588
Wada, T. *see* Perry, J.W. 14408
Wada, Y., Kashiwagi, M., Tanaka, H., Kawata, A., Tanaka, K., Yamamoto, Y. New concept for negative tone electron beam resist 22636
Wada, Y., Pecharanin, N., Taguchi, A., Mitsui, H., Sato, T., Sone, M. High speed tracking active filter for harmonic loads change by RNN 60179
Wada, Y. *see* Fujita, T. 975
Wada, Y. *see* Heike, S. 2369
Wada, Y. *see* Mitsuhashi, T. 38899
Wada, Y. *see* Muneyasu, M. 35046
Wada, Y. *see* Muneyasu, M. 56983
Wadas, A. *see* Born, A. 22663
Wadayama, T., Nagao, A., Wakasugi, K., Kasahara, M. A class of trellis-codes for partial response channel 45482
Wadayama, T., Wakasugi, K., Kasahara, M. Matched design method for concatenated trellis-coded modulation 14857
Waddell, E.M. *see* Blackwell, H. 3552
Waddie, A.J. *see* Desmulliez, M.P.Y. 13754
Waddill, G.D., Tobin, J.G., Guo, X., Tong, S.Y. Probing surface and thin film magnetic structure with circularly polarized synchrotron radiation 55019
Waddington, D.G., Coulson, G., Hutchison, D. Specifying QoS for multimedia communications within distributed programming environments 16423
Waddington, D.G. *see* Coulson, G. 26356
Waddle, R.D. *see* Ingle, J.D., Jr 48624
Wade, H.H. *see* Harriott, L.R. 22700
Wade, H.H. *see* Harriott, L.R. 42874
Wade, J.K., Mawst, L.J., Botez, D., Jansen, M., Fang, F., Nabiev, R.F. High continuous wave power, 0.8 μm-band, Al-free active-region diode lasers 23941
Wade, J.K., Mawst, L.J., Botez, D., Jansen, M., Fang, F., Nabiev, R.F. High CW power 0.8 μm-band Al-free active-region diode lasers 55707
Wade, L., Manning, M., Ackerson, J., Hoog, T. The training strategy for implementing non-government standards 8713
Wade, R. *see* Cesarsky, C.J. 36548
Wade, R.L., Walker, G.W. Flight test results of the fuzzy logic adaptive controller–helicopter (FLAC-H) 18603
Wade, S., Dunnigan, M.W., Williams, B.W. Improvements for induction machine vector control 51005
Wade, S., Dunnigan, M.W., Williams, B.W. Modeling and simulation of induction machine vector control with rotor resistance identification 60782
Wade, S., Dunnigan, W., Williams, B.W. A new method of rotor resistance estimation for vector-controlled induction machines 51009
Wade, S. *see* Baxter, G. 27591
Wade, S.A. *see* Maurice, E. 58799
Wade, V., Donnelly, W., Hall, J. Requirements for designing service management systems in an open service market 46926
Wadekar, S. *see* Beerel, P.A. 21607
Wadhera, S., Mazumdar, R. Evolution of regional power pools in India–current status and trends 28766
Wadhwa, W. *see* Vlachos, S. 48407
Wadley, H.N.G., Choi, B.W. Eddy current determination of the electrical conductivity-temperature relation of $Cd_{1-x}Zn_xTe$ alloys 41940
Wadley, H.N.G., Dharmasena, K.P. Methods for liquid-solid interface shape and location discrimination during eddy current sensing of Bridgman growth 40722
Wadley, H.N.G. *see* Dharmasena, K.P. 40721
Wadley, H.N.G. *see* Dharmasena, K.P. 48816
Wadlinger, E.A. Beam self-excited RF cavity driver for a deflector or focusing system 37125
Wadlinger, E.A., Garnett, R.W. The Brown-Servranckx matching transformer for simultaneous RFQ to DTL H^+ and H^- matching 37124
Wado, H., Ohtani, K., Ishida, M. Epitaxial growth of SiGe on Al_2O_3 using Si_2H_6 gas and Ge solid source molecular beam epitaxy 30818
Wadow, D. *see* Bechtel, H. 13829
Waeckerle, T. *see* Cornut, B. 23322
Waeckerle, T. *see* Mekhiche, M. 23326
Waeckerle, T. *see* Ossart, F. 27842
Waeckerle, T. *see* Rouve, L.-L. 44943
Waegener, N. *see* Heilmann, T. 16633
Waes, P.F.G.M.van *see* van Waes, P.F.G.M.
Wagatsuma, K. *see* Tsuji, K. 53890
Wagatsuma, Y. *see* Yamanouchi, K. 13390
Wage, P.van der *see* van der Wage, P.
Wagemann, E.U. *see* Schaller, J.K. 3351
Wagemans, A.G. *see* Baggerman, A.F.J. 1784
Wagen, J.-F. *see* Li, J. 14613
Wagenaar, L.B. *see* Gutman, R. 9298
Wagener, J.L. *see* Falquier, D.G. 13591
Wagener, J.L. *see* Falquier, D.G. 23780
Wagener, J.L. *see* Falquier, D.G. 33021
Wagener, J.L. *see* Rogers, J.A. 23469
Wager, J.F. *see* Lite, K. 13811
Wager, J.F. *see* Myers, R. 33277
Waggoner, R. The how, what, and where of power conditioning. IV 38706

Waggoner, R. How harmonics affect power factor. I 60273
Waggoner, R. The how, what, and where of power conditioning. VII 60340
Waggoner, R. The how, what, and where of power conditioning. III 60654
Waggoner, R. The how, what, and where of power conditioning. VI 60916
Wagner, A., Blauner, P., Longo, P., Cohen, S. Focused ion beam metrology 12798
Wagner, A. *see* Beckman, J.C. 28013
Wagner, A. *see* Blauner, P.G. 12828
Wagner, A. *see* Capucciati, M. 46991
Wagner, A.V., Foreman, R.J., Summers, L.J., Barbee, T.W., Jr., Farmer, J.C. Synthesis and evaluation of thermoelectric multilayer films 30950
Wagner, A.V., Foreman, R.J., Summers, L.J., Barbee, T.W., Jr., Farmer, J.C. Fabrication and testing of thermoelectric thin film devices 39240
Wagner, B., Jacobsen, S., Tong, W., Yang, S., Zhang, F., Tran, T., Shen, X., Lackey, W.J., Lewis, J., Summers, C.J. Thin film phosphors for flat panel displays 17671
Wagner, B. *see* Ehmann, R. 45409
Wagner, B. *see* Fiedler, S. 52184
Wagner, B. *see* Hebling, C. 39026
Wagner, B. *see* Lisec, T. 19929
Wagner, B. *see* Reimer, K. 23021
Wagner, B. *see* Schnakenberg, U. 27698
Wagner, B.K. *see* Benson, J.D. 21287
Wagner, B.K. *see* Ilgu Yun 44253
Wagner, B.K. *see* Summers, C.J. 23688
Wagner, B.K. *see* Tong, W. 55414
Wagner, B.K. *see* Warren, W.L. 44227
Wagner, B.K. *see* Yang, T. 55439
Wagner, C. *see* Guerdoux-Jamet, P. 11333
Wagner, C.L. *see* Udren, E.A. 38417
Wagner, C.L. *see* Udren, E.A. 38418
Wagner, D., Schneier, B. Analysis of the SSL 3.0 protocol 46716
Wagner, D., Weihe, K. An animated library of combinatorial VLSI-routing algorithms 40781
Wagner, D. *see* Coquery, G. 40883
Wagner, D. *see* Goldberg, I. 47164
Wagner, D. *see* Kuchem, R. 52960
Wagner, D. *see* Meysenc, L. 31087
Wagner, D.K. *see* LaComb, R. 33508
Wagner, F. *see* Schmid, W. 60519
Wagner, F.R. *see* Rammig, F.J. *(editor)* 27
Wagner, G. *see* Gottschalch, V. 52641
Wagner, G. *see* Kirpal, G. 40342
Wagner, G. *see* Krinke, J. 31800
Wagner, G. *see* Lamoreaux, P. 53807
Wagner, G. *see* Lander, P. 49689
Wagner, G. *see* Schumacher, G. 11436
Wagner, G. *see* Steiner, B. 10811
Wagner, G. *see* Steiner, B. 30843
Wagner, G. *see* Stemmer, M. 31770
Wagner, G. *see* Voigt, A. 10772
Wagner, G.S. A statistical array processing approach for elastic wavefield data 28598
Wagner, H. *see* Folsch, J. 39149
Wagner, H. *see* Hapke, P. 21331
Wagner, H. *see* Winz, K. 39152
Wagner, H.-J., Konig, S. Fuel cells–function, development status, future fields of application 51548
Wagner, H.E. *see* Gulluk, T. 38056
Wagner, J., Boebel, F.G. Temperature measurement at RTP facilities: an overview 22502
Wagner, J., Fuchs, F., Herres, N., Schmitz, J., Koidt, P. InAs-GaSb superlattices for infrared detection: structural characterization and optical properties 48671
Wagner, J., Maga, D. Slot shape optimisation for SRM 'Megatorque' 60723
Wagner, J., Schmitz, J., Fuchs, F., Weimar, U., Herres, N., Trankle, G., Koidl, P. Structural characterization of InAs-(GaIn)Sb superlattices for IR optoelectronics 22415
Wagner, J., Schmitz, J., Herres, N., Trankle, G., Koidl, P. Study of composition and critical-point broadening in $InAs/Ga_{1-x}In_xSb$ superlattices using spectroscopic ellipsometry 42131
Wagner, J. *see* Ashwin, M.J. 758
Wagner, J. *see* Behr, D. 30751
Wagner, J. *see* Eifler, D. 28692
Wagner, J. *see* Newman, R.C. 2029
Wagner, J.F. *see* Anderson, C.W. 20687
Wagner, J.P. *see* Kuntz, F. 28472
Wagner, K., Kraut, S., Griffiths, L., Weaver, S., Weverka, R.T., Sarto, A.W. Efficient true-time-delay adaptive-array processing 27006
Wagner, K. *see* Blair, S. 3983
Wagner, K. *see* Garvin, C. 27003
Wagner, K. *see* McLeod, R.R. 16510
Wagner, K. *see* Sarto, A.W. 24588
Wagner, K. *see* Tizhi Huang 24263
Wagner, K. *see* Weverka, R.T. 24587
Wagner, K. *see* Xu, J. 3504
Wagner, K.H. *see* Sarto, A.W. 4109
Wagner, L. *see* Assaderaghi, F. 13001
Wagner, L.F. *see* Lu, P.F. 11278
Wagner, L.L. Forming business partnerships with foreign corporations 39705
Wagner, M. *see* Ehlert, A. 54022
Wagner, M. *see* Fuchs, M. 56553
Wagner, M. *see* Katscher, U. 49667
Wagner, M. *see* Wischmann, H.-A. 59538
Wagner, M.B., Dae, M.W., Lesh, M.D. Incorporating biologic tissue data into a computer model of myocardium: effects of heterogeneous sympathetic innervation on dispersion of repolarization 49733
Wagner, P., Cook, G. SCR succeeds at Logan generating plant 50779
Wagner, P., Gerber, H.A., Graf, D., Schmolke, R., Suhren, M. Morphology of silicon wafer surfaces: a comparative study with atomic force microscopy and other techniques 39892
Wagner, P., Gerber, H.A., Schmolke, R., Velten, R. Requirements of future measurement equipment for silicon wafers 39898
Wagner, R. ATM network management 6393
Wagner, R. Using MDAs for testing without fixturing 41632
Wagner, R., Tien, A., Arons, E., Kane, S., Boscheron, A., Sauteret, C. Efficient narrow bandwidth conversion from a chirped-pulse amplification system 3803
Wagner, R. *see* Bauer, C. 37326
Wagner, R. *see* Bauer, C. 37378
Wagner, R. *see* Brodbeck, T. 4187
Wagner, R.E., Mandelis, A. Separation of thermal-wave and optical reflectance effects in a palladium-photopyroelectric hydrogen sensor 48717
Wagner, R.J., Shanabrook, B.V., Yang, M.J., Waterman, J.R. Electron-hole hybridizing in InAs single quantum wells clad with GaSb 42107
Wagner, R.L., Jiming Song, Chew, W.C. Monte Carlo simulation of electromagnetic scattering from two-dimensional random rough surfaces 33918
Wagner, R.S. *see* Han, S. 37555
Wagner, S. *see* Alley, R. 37033
Wagner, S. *see* Blaschette, A. 31785
Wagner, S. *see* Bleck, J.S. 18270
Wagner, S. *see* Chapuran, T.E. 27168
Wagner, S. *see* Crone, B. 39155
Wagner, S. *see* Gleskova, H. 12739
Wagner, S. *see* Sherman, S. 2070
Wagner, S. *see* Sherman, S. 12944
Wagner, S. *see* Theiss, S.D. 12968
Wagner, S. *see* Wu, C.C. 48797
Wagner, T., Kueblbeck, C., Schittko, C. Genetic selection and generation of textural features with PVM 25668
Wagner, T. *see* Posadowski, W. 10836
Wagner, T.M. *see* Hauss, B.I. 28707
Wagner, U. *see* Barranco-Luque, M. 49012
Wagner, V., Richter, W., Geurts, J. Temperature dependence of interdiffusion-induced III-V compound formation at the interface between Al, Ga, In layers and Sb substrates 797
Wagner, V.E. *see* Strangas, E.G. 39274
Wagneur, N. *see* Deblonde, G. 60041
Wagnieres, G.A., Studzinski, A.P., van den Bergh, H.E. An endoscopic fluorescence imaging system for simultaneous visual examination and photodetection of cancers 37682
Wagstaff, R.A. The AWSUM filter: a 20-dB gain fluctuation-based processor 48134
Wagstaff, R.A. *see* Gardner, S.D. 49009
Wagt, J.P.van der *see* van der Wagt, J.P.
Waguri, T. *see* Hiramatsu, T. 35848
Wah Lam Yat *see* Yat Wah Lam
Wah Ng Tuck *see* Tuck Wah Ng
Wah See Chung *see* Chung Wah See
Wah Wong Ping *see* Ping Wah Wong
Wah Wu Chai *see* Chai Wah Wu
Wahab, A. *see* Erdogan, S.S. 40768
Wahab, A. *see* Widjaja, J. 3328
Wahab, A. *see* Widjaja, J. 33172
Wahab, Q., Karlsteen, M., Nur, O., Hultman, L., Willander, M., Sundgren, J.-E. Heterojunction diodes in 3C-SiC/Si system grown by reactive magnetron sputtering: effects of growth temperature on diode rectification and breakdown 12879
Wahab, Q., Turan, R., Hultman, L., Willander, M., Sundgren, J.-E. Fabrication and characterization of MOS devices on 3C-SiC films grown by reactive magnetron sputtering on Si(111) substrates 32081
Wahba, M. *see* Naguib, K. 37527
Wahi, A.N. *see* Muller, T. 8786
Wahid, P.F. *see* Meeks, D.N. 34255
Wahid, P.F. *see* Sundaram, K.B. 40619
Wahl, D.E. *see* Jakowatz, C.V., Jr. 6936
Wahl, F.M. *see* Wei Li 60112
Wahl, U. *see* Vantomme, A. 30744
Wahl, W.S. *see* Steyer, H.C., Jr. 6258
Wahlberg, B. *see* Carlemalm, C. 26062
Wahlberg, B. *see* Halvarsson, S. 25028
Wahle, A., Builtjes, J.H., Oswald, H., Fleck, E. Secure inter-institutional image communication by using DICOM-to-DICOM gateways 35754
Wahlers, R. *see* Wada, T. 11993
Waho, T. *see* Chen, K.J. 1321
Waho, T. *see* Chen, K.J. 23011
Waho, T. *see* Kitabayashi, H. 22757
Waho, T. *see* Shimizu, N. 54568
Wahrburg, J., Schmidt, K.-U. A multifunctional stereotactic probe for laser-based tumour ablation in neurosurgery 28400
Wahrburg, J., Schmidt, K. Design of a rinsing and pressure control system to support minimal invasive neurosurgical operations 49758
Wai Chau Lo Robotic visual servo control 46345
Wai Chen Impact of anchor re-routing based inter-switch handoffs in wireless ATM access networks 6352
Wai Chung Chan, Geraniotis, E. Tradeoff between blocking and dropping in multicasting networks 5685
Wai Ho Mow, Li, S.-Y.R. Aperiodic autocorrelation and crosscorrelation of polyphase sequences 56326
Wai Ho Pun *see* Jeffs, B.D. 57273
Wai Hung Wong *see* Dlodlo, M.E. 35508
Wai Lau Woo *see* Woo Wai Lau
Wai Shing Lau, Peng Wei Qian, Sandler, N.P., McKinley, K.A., Chu, P.K. Evidence that N_2O is a stronger oxidizing agent than O_2 for the post-deposition annealing of Ta_2O_5 on Si capacitors 42532
Wai Sing Man, Demokan, M.S., Hwayaw Tam All-optical routing switch using a fiber nonlinear directional coupler and controlling solitons 16786
Wai Wong Ka *see* Ka Wai Wong
Wai Yuen Lau *see* Hale, P.D. 7132
Wai-Chi Fang *see* Alkalai, L. 8252
Wai-Chung Chan, Geraniotis, E. Limiting the access bandwidth of a video source: model and performance analysis 46650
Wai-Hung Leung, Fung-Yuel Chang Wavelet-based waveform relaxation simulation of lossy transmission lines 14651
Wai-Kai Chen *see* Hui-Yun Wang 1570
Wai-Kai Chen *see* Wang, B.F. 21380
Wai-Kei Mak, Wong, D.F. Minimum replication min-cut partitioning 11096
Wai-Kuen Cham *see* Tin-Chak-Johnson Pang 53152
Wai-Kuen Cham *see* Yuk-Wah Pang 41107
Wai-Shing Choi *see* Smits, J.G. 54991
Wai-Shing Luk, Wing, O. Waveform Krylov subspace methods for tightly coupled systems 11048
Wai-Yeung Yip, Jyh-Ming Jong, Tripathi, V.K. Electrical characterization of multi-layer BGA packages for high speed, high switching activity applications 39814
Wai-Yip Chan *see* Loo, J.H.Y. 14975
Waibel, A., Finke, M., Gates, D., Gavalda, M., Kemp, T., Lavie, A., Levin, L.; Maier, M., Mayfield, L., McNair, A., Rogina, I., Shima, K., Sloboda, T., Woszczyna, M., Zeppenfeld, T., Zhan, P. JANUS-II–translation of spontaneous conversational speech 14945
Waibel, A. *see* Jie Yang 25472
Waibel, A. *see* Jie Yang 57977
Waibel, A. *see* Mayfield, L.J. 56373
Waibel, A. *see* Schultz, T. 14980
Waibel, A. *see* Stiefelhagen, R. 15752
Waibel, H., Maurer, P. PropWiz: Windows program for shortwave radio link prediction 6464
Waichman, K. *see* Kalisky, Y. 55492
Waicukauski, J. *see* Oomman, B.G. 40982
Waicukauski, J. *see* Wohl, P. 41212
Waicukauski, J.A. *see* Zacharia, N. 40984
Waidhas, M., Drenckhahn, W., Preidel, W., Landes, H. Direct-fuelled fuel cells 19988
Waidner, M. *see* Asokan, N. 16289
Waifeng Zhang *see* Runguang Sun 10961
Wailes, T.S. *see* Kadrovach, B.A. 36234
Waiman, S. *see* Morris, M. 22067
Wainer, J. *see* de Melo Rezende, A. 28074
Wainright, J.S., Jiang-Tao Wang, Savinell, R.F. Direct methanol fuel cells using acid doped polybenzimidazole as a polymer electrolyte 20019
Wainwright, I. Engineering the benefits of a geographical information system: the business case for GIS 60267
Wainwright, S.P. *see* Hall, S. 2286
Waisang Li *see* Li Waisang
Waisum Wong, Icel, A., Liou, J.J. A model for MOS failure prediction due to hot-carriers injection 32433
Wait, D.F. Amplifier noise measurements at NIST 27880
Wait, J.R. EM fields of a phased line current over a conducting half-space 4186
Wait, J.R. Interaction of a vertical line current with a horizontal cable over a perfectly conducting plane 4307
Wait, J.R. On the wave tilt at high frequencies–a personal view 34053
Wait, J.R. Fields of a horizontal wire antenna over a layered half-space 34284
Wait, J.R. *see* Nabulsi, K.A. 50029
Wait, P.C. *see* De Souza, K. 7380
Wait, P.C. *see* De Souza, K. 48630
Waite, M.M. *see* Chen, F. 2122
Waite, P.P., Fulcher, R.V. Circuit for the active control of current equalisation in paralleled inverters 51360
Waite, R.I. *see* Nanto, H. 17584
Waite, R.I. *see* Nanto, H. 27737
Waite, R.J. Approach to commissioning [of Sizewell B nuclear power plant] 9014
Waites, E. *see* Sholes, W.J. 28705
Waitkus, P.E., Gaugler, K.W. Improved productivity through fine pitch dispensing 41693
Wajima, K. *see* Fujisaki, K. 9742
Wajs, K. Renewable (natural) sources of energy 28996
Wajsburt, F. *see* Greiner, A. 13083
Wajsgrus, A. *see* Said, A.A. 24227
Wajsgrus, A. *see* Xia, T. 4092
Wakabayashi, G. *see* Murohka, H. 59271

Wakabayashi, H., Andoh, T., Sato, T., Yoshida, T., Miyamoto, T., Mogami, T., Kunio, T. Highly reliable W/TiN/pn-poly-Si gate CMOS technology with simultaneous gate and source/drain doping process 43275
Wakabayashi, H., Kominami, M., Yamakita, J. Printed antenna on dielectric substrate with no ground plane 56123
Wakabayashi, H. *see* Izumikawa, M. 21731
Wakabayashi, H. *see* Otani, T. 36165
Wakabayashi, K. *see* Haneda, T. 22695
Wakabayashi, K. *see* Raghunathan, A. 11327
Wakabayashi, M. *see* Suzuki, S. 7997
Wakabayashi, O. *see* Mizoguchi, H. 2474
Wakabayashi, R. *see* Mukasa, K. 33245
Wakabayashi, S., Kishimoto, Y., Koide, T. An optimal pin assignment algorithm with improvement of cell placement in standard cell layout 53211
Wakabayashi, S., Sakata, M., Goto, H., Takeuchi, M., Yada, T. Static characteristics of piezoelectric thin film buckling actuator 2985
Wakabayashi, S. *see* Koide, T. 1031
Wakabayashi, S. *see* Koide, T. 1032
Wakabayashi, S. *see* Koide, T. 21427
Wakabayashi, S. *see* Koide, T. 22944
Wakabayashi, S. *see* Koide, T. 40795
Wakabayashi, S. *see* Koyama, T. 52216
Wakabayashi, S. *see* Mizuno, K. 60950
Wakabayashi, S. *see* Oki, I. 60966
Wakabayashi, S. *see* Sakata, M. 54990
Wakabayashi, S. *see* Suzuki, T. 1076
Wakabayashi, T., Tsuruoka, S., Kimura, F., Miyake, Y. A study on feature selection for small class classification problems 25710
Wakada, H. *see* Teraoka, E. 47461
Wakahara, S. *see* Kachi, T. 2801
Wakahara, Y. *see* Nitta, F. 35798
Wakai, S., Kobayashi, Y., Okawa, K., Igarashi, Y., Shimizu, H. New inverter hybrid IC with newly developed metal substrate using the concept of IMST 11181
Wakai, T. *see* Horita, T. 60369
Wakaki, I., Ishiguro, T., Yamazato, T., Katayama, M., Ogawa, A. DS/SS/GMSK with differential detection over multipath Rayleigh fading channels 25886
Wakaki, M., Motegi, H., Komachi, Y., Kanai, G. Characterization of the polarization properties of a laser output from a CO_2 laser with a special intracavity mirror 55798
Wakamatsu, M. *see* Ohba, K. 37311
Wakamatsu, S., Tilley, F., Hubers, G., Sakamoto, Y., Kaneko, T., Yamamoto, H., Karokawa, Y. To reinforce immunities around GHz frequencies by EMI noise suppression filters 45211
Wakamatsu, S. *see* Yamaguchi, M. 38971
Wakamatsu, T., Saito, K., Sakakibara, Y., Yokoyama, H. Surface plasmon-enhanced photocurrent in organic photoelectric cells 33266
Wakami, T., Nishimura, M., Tanaka, S., Hata, R., Nishima, H. Development of an optical fiber distributed temperature sensor for long distances 55204
Wakamiya, M., Fujino, S., Kondo, T., Kato, H., Hamakawa, N., Kashihara, M. A nonstop electronic toll collection system 35897
Wakamoto, S. *see* Suzuki, K. 2543
Wakana, H. *see* Li, H.-B. 36059
Wakana, S. *see* Ozaki, K. 43187
Wakano, M., Kiwata, K. A navigation service in TINA 26048
Wakao, S. *see* Onuki, T. 50905
Wakao, S. *see* Onuki, T. 51764
Wakasugi, K. *see* Inaba, H. 4484
Wakasugi, K. *see* Wadayama, T. 14857
Wakasugi, K. *see* Wadayama, T. 45482
Wakasugi, S. *see* Ibuka, K. 8188
Wakatani, A., Mino, Y., Kadota, H. An evaluation of the subframe parallel approach for image clustering 57156
Wakatsuki, N. *see* Ono, M. 28549
Wakatsuki, S. *see* Miyamoto, M. 9305
Wakatuki, N. *see* Kudo, S. 13356
Wakaya, F., Matsubara, T., Nakayama, H., Yanagisawa, J., Yuba, Y., Takaoka, S., Murase, K., Gamo, K. Effects of growth interruption and FIB implantation in the UHV total vacuum process for the buried mesoscopic structures 12658
Wakaya, F., Yanagisawa, J., Matsubara, T., Nakayama, H., Yuba, Y., Takaoka, S., Murase, K., Gamo, K. Fabrication of buried quantum structures using FIB-MBE total vacuum process 42201
Wakaya, F. *see* Yanagisawa, J. 10821
Wakaya, F. *see* Yanagisawa, J. 22538
Wakayama, R. *see* Yamashita, M. 38676
Wakayama, S. *see* Umeda, N. 59061
Wakayama, T. *see* Sato, T. 48119
Wakayama, Y., Takahashi, Y., Tanaka, S. Strain distribution near Si/NiSi$_2$ interface measured by convergent beam electron diffraction 32048
Wake, D., Johansson, D., Moodie, D.G. Passive picocell: a new concept in wireless network infrastructure 47518
Wake, D. *see* Kykkotis, C.E. 58119
Wake, D. *see* Liu, C.P. 33274
Wake, D. *see* Noel, L. 23898
Wake, K., Tanaka, T., Taki, M. Fundamental study of MW effect on membrane permeability 8180
Wake, M. *see* Collings, E.W. 43773
Wake, P. *see* Katz, M. 26073
Wake, R.N., Evans, J.T., Burdess, J.S., Chandler, H.W. A modal approach to assurance of structural integrity 7300
Wake, Y. *see* Harada, R. 47459
Wakefield, G.H. *see* Blommer, M.A. 45961
Wakefield, M. *see* Barbur, J.L. 39422
Wakefield, R.A., Graves, J.S., Vojdani, A.F. A transmission services costing framework 60343
Wakefield, W.C. *see* Allaire, P.E. 50875
Wakejima, A., Onda, K., Ando, Y., Fujihara, A., Mizuki, E., Nakayama, T., Miyamoto, H., Kuzuhara, M. Electrical properties of InAlAs/InGaAs modulation doped structure after SiN passivated annealing 31942
Wakelin, S. *see* Chan, K.K. 32996
Wakely, S.P. *see* Allison, W.W.M. 37269
Wakeman, F.J. *see* Evans, M.J. 42973
Waki, K. *see* Otani, S. 9704
Wakigawa, A., Hattas, D. Mounting strategies for BGAs 41625
Wakileh, J.J., Pahwa, A. Distribution system design optimization for cold load pickup 19289
Wakileh, J.J., Pahwa, A. Optimization of distribution system design to accommodate cold load pickup 38342
Wakili, N. *see* Campos, R.A. 3617
Wakimoto, K. *see* Maeda, A. 15469
Wakisaka, K. *see* Kameda, M. 39128
Wakisaka, K. *see* Tomimasu, T. 33583
Wakisaka, Y. *see* Nishimura, Y. 60455
Wakita, K., Yoshino, K., Kotaka, I., Kondo, S., Noguchi, Y. High-speed, highly efficient MQW modulator module with polarization insensitivity and very low chirp 26832
Wakita, K. *see* Tomimasu, T. 33583
Wakita, K. *see* Yamanaka, T. 23570
Wakita, K. *see* Yamanaka, T. 33127
Wakita, K. *see* Yamanaka, T. 54179
Wakita, K. *see* Yoshimoto, N. 22405
Wakita, M. *see* Hayakawa, N. 43857
Wakita, M. *see* Okubo, H. 23254
Wakita, M. *see* Okubo, H. 54884
Wakita, N., Takagi, K., Iwadare, Y. Totally self-checking checker designs for some classes of Hadamard codes 24787
Wakita, S. *see* Katsuki, N. 54316
Wakita, Y., Hirai, S., Machida, K., Ogimoto, K., Itoko, T., Backes, P., Peters, S. Application of intelligent monitoring for super long distance teleoperation 35782
Wakita, Y., Singer, H., Sagisaka, Y. Phoneme candidate re-entry modeling using recognition error characteristics over multiple HMM states 15107
Wakiwaka, H., Tsuji, H., Nirei, M., Shinohara, Y., Ohkubo, K., Mizutani, H. Consideration of EMF calculation method on an electromagnetic tachometer 59019
Wakiwaka, H., Yajima, H., Senoh, S., Yamada, H., Oda, J., Morimura, T. Simplified thrust limit equation of linear DC motor 9273
Wakiwaka, H., Yanase, S., Nihizawa, M. Characteristics of meander coil impedance with opened scale coil for linear sensor 51045
Wakiwaka, H. *see* Kikuchi, Y. 7244
Wakiwaka, H. *see* Kikuchi, Y. 43723
Wakiya, Y. *see* Suzuki, M. 55089
Wakiyama, S. *see* Fujino, N. 42433
Wakiyama, S. *see* Fujino, N. 42486
Wakiyama, S. *see* Yasutake, M. 338
Wakow, Y. *see* Ohshima, T. 29649
Wakui, S., Ide, K., Takahashi, M., Montoya, C., Hiyama, F., Yagi, Y. Analysis of turbine generator steady-state reactances for load conditions 60641
Wakuta, Y. *see* Kato, S. 49157
Wakuya, H., Shida, K. An intelligent system for multi-functional instrumentation based on biological sensory information processing 7269
Wal, P.D.van der *see* van der Wal, P.D.
Wala, K. *see* Kulczycki, J. 50293
Walba, D.M., Dyer, D.J., Cobben, P.L., Sierra, T., Rego, J.A., Liberko, C.A., Shao, R., Clark, N.A. Design and synthesis of ferroelectric liquid crystals. 22. Side-by-side dimers for nonlinear optics 44097
Walbrunn, R. *see* Deiseroth, R. 35844
Walcher, D.A., Lee, R.Q., Kai-Fong Lee Ku-band microstrip patch antenna receiving array 14749
Walcher, D.A., Lee, R.Q., Kai-Fong Lee Microstrip patch antenna receiving array operating in the Ku band 34469
Walchle, R.L. *see* Quarrie, L.O. 37936
Walcott, E. You can put new cable in old ducts and banish your lead headache too 8897
Walczak, A., Kiezun, A., Nowinowski-Kruszelnicki, E., Jaroszewicz, L.R. Application of planar waveguide technique to investigation of liquid crystals 48965
Walczak, B., Massart, D.L. Noise suppression and signal compression using the wavelet packet transform 56470
Walczowski, L.T., Waller, W.A.J. A World Wide Web based system for VLSI design training 9868
Walczowski, L.T. *see* Shi, K. 53041
Walczowski, L.T. *see* Shi, K. 54737
Walczuk, E., Boczkowski, D. Computer controlled investigations of the dynamic welding behavior of contact materials 11788
Walczyk, S. *see* Tiemeijer, L.F. 16748
Walczyk, S. *see* Tiemeijer, L.F. 33543
Walczyna, A.M. Direct self-control of VSI-fed induction motor drives with reduced line current harmonics and active damping of subharmonics 51803
Walczyna, A.M., Bartosiewicz, L. Flux trajectory forming PWM modulation. A new approach to harmonic elimination in low switching frequency voltage inverters 9363
Wald, L.D. *see* Hopstock, D.M. 3263
Wald, M.S. Trends in multimedia production and delivery systems 26349
Waldausl, R., Schnabel, B., Kley, E.-B., Brauer, A. Efficient focusing polymer waveguide grating couplers 44034
Waldeck, I. *see* Dyer, P.E. 52186
Waldegg, D.Bourges *see* Bourges Waldegg, D.
Waldele, F. *see* Trapet, E. 52308
Waldelof, C., Friberg, N. Integrated helmet system: the Swedish approach 18642
Waldemar, P. *see* Lervik, J.M. *(editor)* 39577
Walden, B.L. *see* Blaser, J.M. 54043
Walden, R. *see* Swahn, T. 36180
Walden, R.H. A review of recent progress in InP-based optoelectronic integrated circuit receiver front-ends 47938
Walden, R.H. *see* Yap, D. 58356
Walder, A. *see* Mardia, K.V. 4917
Walder, J.P. *see* Auffray, E. 37281
Waldhauser, R. *see* Tofanelli, A. 26393
Waldhausl, R. *see* Bartuch, U. 23531
Waldhausl, R. *see* Gabler, T. 43878
Waldhausl, R. *see* Gabler, Th. 55237
Waldhelm, M.L. The former 50 kV network in Westphalia 28855
Waldman, J. *see* Bober, K. 30984
Waldmann, H.-C., Thiele, S. Results of the dynamical tests of a special designed optical microstructure density probe based on the measurement of the refractive index 50160
Waldmeier-Wicki, S. *see* Adam, A. 37280
Waldner, P. Modern fabrication methods for future oriented blind via multilayers 11975
Waldner, S. *see* Aebischer, H.A. 7616
Waldo, R.A. *see* Yang-Tse Cheng 11808
Waldo, W.G., Turkman, I., Brownson, R. Device and process integration for a 0.55 μm channel length CMOS device 54797
Waldorf, B.W. *see* Wilson, T.C., Jr. 50133
Waldram, J.R. Superconductivity of metals and cuprates 30014
Waldrop, J. *see* Maytal, B.-Z. 32897
Wale, K. VITA technical conference–how VME facilitates the implementation of real time DSP systems 57834
Walenta, A. *see* Gauthier, C. 59190
Wales, C. The McMurdo Ground Station (MGS): ready for SAR acquisition 8323
Wales, C. *see* Jezek, K.C. 8322
Walf, G. *see* Fettweis, G.P. 47756
Walge, E.K. *see* Sarto, A.W. 4109
Walge, E.K. *see* Turbyfill, M.E. 8667
Walia, P.S. *see* Homeyer, W.G. 18709
Walia, P.S. *see* Maldonado, M.A. 18711
Walichnowski, W., Skibniewski, F., Pekalski, R. Measurement system by impedance method for investigations of hemodynamic responses of cardiovascular system using combined LBNP and orthostatic stimuli 59611
Walichnowski, W., Skibniewski, F., Saganiak, R. Simultaneous assesment of blood flow in central and cerebral circulatory system during variable gravitational test conditions 59605
Waligora, M.J. *see* Wiet, S.P. 28150
Waligorski, M. *see* Niewiadomski, T. 18572
Waligorski, M.P.R. *see* Budzanowski, M. 18576
Walimaa, S.J. *see* Anderson, D.R. 48348
Waliszewski, J. *see* Reniewicz, H. 12251
Walk, H. *see* Roozeboom, F. 23370
Walke, B. *see* Kleier, S. 57980
Walker, A., McCluskey, J. Restructuring the manufacturing process of modern warships 9989
Walker, A.B. *see* Woods, S.J. 23675
Walker, A.C. *see* Barrett, C.P. 13764
Walker, A.C. *see* Gontijo, I. 14314
Walker, A.C. *see* Neilson, D.T. 44083
Walker, A.C. *see* Williams, R. 33180
Walker, A.D., Marongiu, M.J. Practical thermal management issues in the design of power supply components 60894
Walker, B., Sander, G., Thompson, M., Burns, B., Fellerhoff, R., Dubbert, D. A high-resolution, four-band SAR Testbed with real-time image formation 8339
Walker, B. *see* Barty, C.P. 14075
Walker, B. *see* Barty, C.P.J. 7933
Walker, C.A., McKelvie, J., Hyzer, J.B. An analysis of residual stress patterns resulting from hole expansion in an infinite plate, a thick cylinder, and an asymmetric lug 21402
Walker, D., Zhang, X., Kung, P., Saxler, A., Xu, J., Razeghi, M. Spectral response of GaN p-n junction photovoltaic structures 17392
Walker, D., Zhang, X., Saxler, A., Kung, P., Xu, J., Razeghi, M. $Al_xGa_{1-x}N(0\leq x\leq 1)$ ultraviolet photodetectors grown on sapphire by metal-organic chemical-vapor deposition 48504
Walker, D. *see* Zhang, X. 3584
Walker, D. *see* Zhang, X. 10897
Walker, D.D. *see* Wonyong Han 17550

Walker, D.J., Heslop, P.S., Plummer, C.J., Essex, T., Chandler, S. A continuous patient activity monitor: validation and relation to disability 49406
Walker, D.K., Williams, D.F. Compensation for geometrical variations in coplanar waveguide probe-tip calibration 48855
Walker, D.K. *see* Degroot, D.C. 48857
Walker, D.M.H. *see* Gaitonde, D.D. 32535
Walker, D.M.H. *see* Luong, G.M. 41015
Walker, D.M.H. *see* Sarwar, A. 20936
Walker, D.M.H. *see* Yuyun Liao 32549
Walker, D.T. *see* Daida, J.M. 18891
Walker, G.A.H. *see* Burley, G.S. 17549
Walker, G.A.H. *see* Chapman, S.C. 58843
Walker, G.C. *see* Akhremitchev, B. 3999
Walker, G.F. *see* Lee, K.-W. 187
Walker, G.W. *see* Wade, R.L. 18603
Walker, H. *see* Dubbelday, W.B. 43258
Walker, H.F. *see* Brown, P.N. 30607
Walker, H.R. Using VPSK in a digital cordless telephone/videophone/ISDN modem 34510
Walker, H.R. VPSK and VMSK modulation transmit digital audio and video at 15 bits/sec/Hz 34512
Walker, I.D. *see* Harpel, B.M. 52345
Walker, J., Cantoni, A. A new synchronizer design 11263
Walker, J. *see* Nickel, N.H. 41862
Walker, J. *see* Voldman, S. 22978
Walker, J.A., Goossen, K.W., Arney, S.C.. Mechanical anti-reflection switch (MARS) device for fiber-in-the-loop applications 44067
Walker, J.A. *see* Chan, K.K. 32996
Walker, J.A. *see* Ford, J.E. 36154
Walker, J.A. *see* Frigo, N.J. 16762
Walker, J.A. *see* Goossen, K.W. 13772
Walker, J.A. *see* Goossen, K.W. 16494
Walker, J.A. *see* Goossen, K.W. 33324
Walker, J.A. *see* Krishnamoorthy, A.V. 33185
Walker, J.A. *see* Lentine, A.L. 3660
Walker, J.A. *see* Lentine, A.L. 33316
Walker, J.A. *see* Rolston, D.R. 3662
Walker, J.A. *see* Rolston, D.R. 33325
Walker, J.D., Patterson, F.G., Dijaili, S.P., Deri, R.J. A gain-clamped, crosstalk free, vertical cavity lasing semiconductor optical amplifier for WDM applications 47981
Walker, J.F. *see* Shih, W.C. 42781
Walker, J.F. *see* Zachariasse, J.M.F. 42817
Walker, J.W. *see* Britton, C.L., Jr. 59321
Walker, J.W. *see* Ericson, M.N. 59314
Walker, K. The Moore supercenter–an environmental partnership [energy conservation] 29931
Walker, K.L. *see* Haner, M. 16744
Walker, K.L. *see* Wrobbel, D.C. 48392
Walker, M., Thompson, V. Introduction of VOC-free low solids fluxes into manufacturing [PCBs] 41692
Walker, M.E. *see* Pegrum, C.M. 49414
Walker, M.J. *see* Rasmussen, J.L. 26993
Walker, M.L. *see* Kalonji, G. 20702
Walker, M.L. *see* Strait, E.J. 36382
Walker, N. *see* Morton, K. 20472
Walker, N. *see* Thomas, E.W. 20486
Walker, N.P. Limitations on the possible resolution enhancement of ERS-1 scatterometer images 28603
Walker, P. How to compete and connect: setting the business and regulatory context 57694
Walker, P.D., Green, M.M. An approach to fully differential circuit design without common-mode feedback 11189
Walker, P.J. *see* Booker, G.R. 52669
Walker, P.J. *see* Klipstein, P.C. 12336
Walker, P.J. *see* Lyapin, S.G. 22353
Walker, P.J. *see* Salesse, A. 54079
Walker, P.S. *see* Taylor, S.J.G. 37877
Walker, R.A. *see* Blythe, S.A. 1081
Walker, R.A. *see* Chaudhuri, S. 31162
Walker, S., Astala, J., Haaspasaari, M., Hamalainen, T., Malmivuo, J. An induction coil magnetometer for sensing ambient magnetic fields in a magnetocardiography laboratory 49512
Walker, S. *see* Devine, R.T. 8193
Walker, S. *see* Hoff, W.A. 28430
Walker, S.A., Fantini, S., Gratton, E. Image reconstruction by backprojection from frequency-domain optical measurements in highly scattering media 37658
Walker, S.P. Developments in time-domain integral-equation modeling at Imperial College 45118
Walker, S.P., Leung, C.Y. Parallel computation of time-domain integral equation analyses of electromagnetic scattering and RCS 55990
Walker, S.P. *see* Bluck, M.J. 56029
Walker, S.P. *see* Pocock, M.D. 24439
Walker, S.P. *see* Pocock, M.D. 26977
Walker, W.F., Trahey, G.E. Limits on the performance of near field phase aberration correction 28133
Walker, W.F. *see* Ng, G.C. 28132
Walkery, J.F. *see* Shih, W.C. 42778
Walkey, D.J. *see* Chudobiak, M.J. 12886
Walkington, N.J. Algorithms for computing motion by mean curvature 21187
Walklin, S., Conradi, J. Multilevel signaling for extending the dispersion-limited transmission distance in high-speed, fiber optic communication systems 16798
Walkup, J.F. *see* Caglar, A.T. 3518
Walkup, J.F. *see* Choi, J.Y. 3350
Walkup, J.F. *see* Storrs, M. 33136
Wall, A. *see* Knapp, J.P. 45220
Wall, B. *see* Fernengel, W. 3102
Wall, B. *see* Velicescu, M. 3115
Wall, D. *see* Allison, W.W.M. 37269
Wall, D.J.N. *see* Takenaka, T. 45006
Wall, I.B. *see* Rahn, F.J. 38565
Wall, J.G. *see* Seegar, W.S. 36286
Wall, M. Modelling of inspection reliability 31009
Wall, R.W., Johnson, B.K. Using TACS functions within EMTP to teach protective relaying fundamentals 50619
Wallace, A. *see* Kemp, A. 29284
Wallace, A.K., Rollman, T.E. High efficiency testing laboratory for motors, drives and generators 149
Wallace, A.K. *see* Gorti, B.V. 38684
Wallace, A.K. *see* Peter, J.M. 53030
Wallace, A.K. *see* Zhou, D. 50983
Wallace, A.M. *see* Clark, J. 39873
Wallace, A.M. *see* Clark, J. 59011
Wallace, A.M. *see* Trucco, E. 39879
Wallace, A.R., Renton, M.W. Water and energy management of cascade hydro-electric systems 19599
Wallace, A.R., Wilkinson, R., Doig, A. A technical appraisal of the prospects for mini-hydro power in India and Sri Lanka 19602
Wallace, A.R. *see* Stapleton, S.A. 19442
Wallace, B. *see* Chan, K.K. 34323
Wallace, B.D. *see* Conley, J.F., Jr. 22474
Wallace, B.D. *see* Conley, J.R., Jr. 22461
Wallace, C., Korb, K.B., Honghua Dai Causal discovery via MML 45577
Wallace, C.G., Andonovic, I., Uttamchandani, D. New code for communications network fault finding using a spread spectrum approach 16787
Wallace, D. A primer for digital television RF facility design and construction 36313
Wallace, D.B. *see* Hayes, D.J. 53832
Wallace, F.J. *see* Cox, A. 20208
Wallace, G. *see* Mansouri, J. 956
Wallace, G.G. *see* Hodgson, A.J. 7440
Wallace, J.B. *see* Jones, D.J. 32656
Wallace, J.G. *see* Leahy, D.G. 52100
Wallace, J.P. *see* Shetty, R. 671
Wallace, J.S. *see* Vecchiarelli, J. 60553
Wallace, K.D. *see* Christy, D.H. 18305
Wallace, M. *see* Ketchum, J. 47749
Wallace, P.A., Yang, Y., Campbell, M., Holmes-Smith, A.S. Characterisation of a quasi distributed optical fibre chemical sensor 48585
Wallace, P.A. *see* Campbell, M. 17459
Wallace, P.A. *see* Campbell, M. 36587
Wallace, P.A. *see* Campbell, M. 36622
Wallace, P.A. *see* Campbell, M. 48583
Wallace, P.A. *see* Campbell, M. 58802
Wallace, P.A. *see* Campbell, M. 58803
Wallace, P.A. *see* Zheng, G. 17458
Wallace, P.A. *see* Zheng, G. 27620
Wallace, P.A. *see* Zheng, G. 36588
Wallace, P.A. *see* Zheng, G. 36624
Wallace, P.A. *see* Zheng, G. 48593
Wallace, R. *see* Jianming Li 12591
Wallace, R. *see* Read, M. 48837
Wallace, R.G. *see* Gambhir, B.L. 6954
Wallace, R.L., Anderson, W.A., Jones, K.M., Ahrenkiel, R. Solution grown polysilicon for photovoltaic devices 30855
Wallace, R.M. *see* Wilk, G.D. 54434
Wallace, R.S. *see* Essah, D.N. 29413
Wallace, S., Bagherzadeh, N. Multiple branch and block prediction 31300
Wallace, S. *see* Grimm, T. 39699
Wallace, S. *see* Hamer, P.S. 50969
Wallace, S. *see* Hye-Sook Park 58842
Wallace, W. *see* Taylor, R. 50837
Wallace, W.L., Tsuo, Y.S. Sino/American cooperation for PV development in the People's Republic of China 50824
Wallach, E.R. *see* Winter, P.R. 20941
Wallach, E.R. *see* Winter, P.R. 52204
Wallander, P. The road towards the information society 46843
Wallart, X. *see* Tetelin, E. 2382
Wallaschek, J. *see* Krome, J.W. 19771
Wallaschek, J. *see* Xisheng Cao 19772
Wallash, A.J. Field-induced charged device model testing of magnetoresistive recording heads 23365
Wallash, A.J., Hughbanks, T.S., Voldman, S.H. ESD failure mechanisms of inductive and magnetoresistive recording heads 32851
Walle, R.Van De *see* Van De Walle, R.
Walleczek, J. *see* Jones, R.A. 28457
Wallen, P. *see* Brauer, J.R. 30133
Wallen, P. *see* Brauer, J.R. 31580
Wallenberg, L.R. *see* Hultman, L. 696
Wallenberg, L.R. *see* Seifert, W. 40372
Wallenstein, R. *see* Beier, B. 33661
Wallenstein, R. *see* Fix, A. 14305
Wallenstein, R. *see* Robertson, A. 55561
Wallenstein, R. *see* Scheidt, M. 24121
Waller, D., Lane, J.A., Kilner, J.A., Steele, B.C.H. The effect of thermal treatment on the resistance of LSCF electrodes on gadolinia doped ceria electrolytes 29613
Waller, H., Scherer, D., Scherer, V. The GT 26 gas turbine in the combined cycle gas and steam turbine power station: repowering of the Rheinhafen steam power station of Badenwerk AG 29104
Waller, J.F. *see* Daniel, J.H. 43401
Waller, M., Dunnett, G., Bassett, M., McCann, S., Makris, A., White, M., Lister, P. TAYRA–a 3D graphics raster processor 11479
Waller, R. *see* Jones, C. 44307
Waller, W.A.J. *see* Shi, K. 53041
Waller, W.A.J. *see* Shi, K. 54737
Waller, W.A.J. *see* Walczowski, L.T. 9868
Wallerand, J.-P. *see* Juncar, P. 17182
Walley, J. *see* Joo Leong Tham 6651
Walley, S.K., Viterbi, A.M. A tandem of discrete-time queues with arrivals and departures at each stage 52427
Walli, G.J. *see* McKellar, E.N., Jr. 20454
Wallin, J. *see* Lundstrom, T. 2129
Wallin, J. *see* Rigole, P.-J. 14156
Wallin, S. Measuring the properties of an information model: the IM meter 35606
Wallinder, S. Universal personal telecommunication, UPT, implementation and base for new services 47257
Wallinga, G. *see* Rothwell, E.J. 28706
Wallis, C.R. *see* Banoo, K. 54221
Wallis, D.J. *see* Zhu, J.G. 12667
Wallis, D.R. *see* Vincent, J.H. 39770
Wallis, E.W.G. *see* Allison, W.W.M. 37269
Wallis, F. *see* O'Hare, N.J. 7891
Wallis, G. Using spatio-temporal correlations to learn invariant object recognition 15960
Wallis, J.W., Miller, T.R. An optimal rotator for iterative reconstruction 28221
Wallis, K. *see* Ludlow, G. 57738
Wallis, M. *see* Polushkin, V. 48443
Wallman, B.A. *see* Chisholm, T. 32333
Wallmeier, P. *see* Frohleke, N. 38829
Wallow, T.I. *see* Nalamasu, O. 42826
Wallrabe, U. *see* Bieger, T. 54839
Wallraff, A., Goldobin, E., Ustinov, A.V. Numerical analysis of the coherent radiation emission by two stacked Josephson flux-flow oscillators 3285
Wallraff, A. *see* Goldobin, E. 43820
Wallraff, G. *see* Thackeray, J. 32286
Wallraff, W. The Anti-Matter Spectrometer for high sensitivity searches of anti-nuclei in space 28051
Wallraff, W. *see* Adam, A. 37280
Walls, C., Rosenfeld, P. Embedded system development using the 80x86 architecture 41248
Walls, F.L., Ascarrunz, F., Nelson, C.W., Nelson, L.M. Frequency synthesis and metrology at 10^{-17} and beyond 48331
Walls, F.L., Ferre-Pikal, E.S., Jefferts, S.R. Reducing the 1/f AM and PM noise in electronics for precision frequency metrology 48806
Walls, F.L., Ferre-Pikal, E.S., Jefferts, S.R. Origin of 1/f PM and AM noise in bipolar junction transistor amplifiers 53038
Walls, F.L. *see* Ascarrunz, F.G. 17184
Walls, F.L. *see* Besson, R.J. 13373
Walls, F.L. *see* Ekstrom, C.R. 48317
Walls, F.L. *see* Ferre-Pikal, E.S. 13374
Walls, F.L. *see* Ferre-Pikal, E.S. 23267
Walls, F.L. *see* Ferre-Pikal, E.S. 53039
Walls, F.L. *see* Garcia Nava, J.F. 17187
Walls, F.L. *see* Kitching, J. 11702
Walls, F.L. *see* Mileti, G. 27323
Walls, F.L. *see* Nelson, C.W. 17221
Walls, J.T. *see* McDaniel, W.C. 59813
Walls, T.A., Sudhoff, S.D. Analysis of a single-phase induction machine with a shifted auxiliary winding 19751
Walls, W.A., Pratap, S.B., Chryssamallis, G. Pulsed rotating machine power supplies for electro-thermal-chemical guns 33890
Walls, W.A. *see* Pratap, S.B. 33888
Wallstedt, K. *see* Almgren, M. 47651
Wallstedt, K. *see* Broddner, S. 47598
Wallstedt, K. *see* Kronestedt, F. 47750
Walmsley, H.L. The electrostatic potentials generated by loading multiple batches of product into a road tanker compartment 24327
Walmsley, H.L. The electrostatic fields and potentials generated by the flow of liquid through plastic pipes 24331
Walmsley, I.A. Noninterferometric methods for ultrashort pulse shape measurement: theory and experiment 17831
Walmsley, I.A., Wong, V. Characterization of the electric field of ultrashort optical pulses 17834
Walmsley, I.A. *see* Koshel, R.J. 14067
Walpole, J.N., Donnelly, J.P., Groves, S.H., Missaggia, L.J., Woodhouse, J.D., Bailey, R.J., Napoleone, A. Diffraction-limited 1.3-μm-wavelength tapered-gain-region lasers with >1-W CW output power 3824
Walpole, J.N. *see* Donnelly, J.P. 3831
Walpole, J.N. *see* Donnelly, J.P. 14195
Walpole, J.N. *see* Liau, Z.L. 30325
Walrand, J. *see* Hsu, I. 5764
Walrand, J. *see* Hsu, I. 25877
Walrand, J. *see* Le Boudec, J.-Y. 35440
Walsh, A. *see* Rabinovich, W.S. 3452
Walsh, A.M. *see* DeWitt, J. 59243
Walsh, A.M. *see* Sadrozinski, H.F.W. 37399
Walsh, B.M. *see* Barnes, N.P. 23864
Walsh, C. *see* Ballyk, P.D. 59789
Walsh, C. *see* Blair, D.G. 33204

Walsh, D. Refining and smelting of precious metals from printed circuit boards. II. Environmental 41682
Walsh, D. *see* Michie, W.C. 48953
Walsh, D. *see* Ye, X. 30731
Walsh, D. *see* Ye Xing 30696
Walsh, D.O., Delaney, P.A., Marcelin, M.W. Non-iterative implementation of a class of iterative signal restoration algorithms 15388
Walsh, J.A., Hall, G.R., Elenbogen, B. Computer protocol and torus maps 16079
Walsh, J.E. Radiation from a strip grating in the relativistic regime 1926
Walsh, J.R. *see* O'Brien, P. 12260
Walsh, J.R. *see* O'Brien, P. 40318
Walsh, J.T., Jr. *see* Sankaran, V. 8036
Walsh, L.H. *see* Ramseyer, G.O. 54504
Walsh, P., Hoffman, D. Automated behavioral testing of VHDL components 17218
Walsh, P.J. *see* Li, Q. 43766
Walsh, R. *see* Hill, D.L.G. 18400
Walsh, R.P., Summers, L.T., Sims, J.R. The fatigue and tensile properties of dispersion strengthened copper at low temperatures (77 to 295 K) 52835
Walsh, R.P. *see* Edgecumbe Summers, T.S. 52836
Walsh, R.P. *see* Summers, L.T. 55139
Walsh, S. World class manufacturing through people 9987
Walsh, S. *see* Sellin, P.J. 18095
Walsh, S.T., Boylan, R., Warrington, R., Carr, W., Elders, J. The strategic development of HARM manufacturing technologies 54833
Walsh, S.T., McDermott, C. Linking manufacturing acquisition strategies with firm success: evidence from the semiconductor silicon industry 9967
Walshak, D., Hashemi, H., Mehrotra, P. Thermal modeling of a few-chip module housing a DC-DC power supply 209
Walshak, D. *see* Hashemi, H. 1128
Walshak, D.B., Jr., Hashemi, H. Thermal modeling of a multichip BGA package 39844
Walsoee de Reca, N.E. *see* Perez, L.V. 10658
Walstra, S.V. *see* Changhong Dai 2808
Walsworth, R.L., Mattison, E.M., Oteiza, E.R., Stoner, R.E., Tan, K.Y.N., Vessot, R.F.C., Yu, I.A. Precision measurements with new hydrogen, rubidium, and noble gas masers 44324
Walsworth, R.L. *see* Stoner, R.E. 3675
Walt, D.R. *see* Ferguson, J.A. 58771
Waltari, P. *see* Suntio, T. 51213
Walter, A.E., Paczewski, R.M., Parker, J.W., Chiang, A., Donigan, M.S., Shih, A.H. Using an enclosed process chamber for FPD chemical cleaning 58903
Walter, C.D. Space/time trade-offs for higher radix modular multiplication using repeated addition 34532
Walter, D. *see* Cvetkovic, S.R. 59818
Walter, H.C. *see* Adam, A. 37280
Walter, J., Britton, C., Fairstein, E., Garber, F.W., Simpson, M. A CMOS signal conditioning ASIC for large silicon pixels 59341
Walter, J., Ritter, H. Investment learning with hierarchical PSOMs 57042
Walter, J.S. *see* Robinson, C.J. 49796
Walter, K. *see* Ahlgren, D.C. 43253
Walter, K.C. *see* Nastasi, M. 10885
Walter, M. *see* Guo, H. 12104
Walter, S.M., Ratley, R., Cupples, E.J. Rome Laboratory speech and audio processing technologies with applicability to law enforcement 56408
Walter, T., Herberholz, R., Schock, H.W. Distribution of defects in polycrystalline chalcopyrite thin films 22278
Walter, T. *see* Changdon Kee 27114
Walter, T. *see* Herbernholz, R. 12323
Walter, T. *see* Kristoffersen, F. 25948
Walter, Th. *see* Braunger, D. 39119
Walter-Shea, E.A., Mesarch, M.A., Liqiang Chen Conifer shoot bidirectional scattering: methodology and preliminary results 18767
Waltermann, P. Modelling and control of the longitudinal and lateral dynamics of a series hybrid vehicle 9651
Walters, D.A., Cleveland, J.P., Thomson, N.H., Hansma, P.K., Wendman, M.A., Gurley, G., Elings, V. Short cantilevers for atomic force microscopy 2857
Walters, D.J. *see* Tipton, T.E. 38573
Walters, E. *see* Hegner, H.J. 29264
Walters, E.A. *see* Tucker, W.L. 29265
Walters, J.D. *see* Cooper, T.L. 43841
Walters, M. *see* Pernyeozy, J. 29703
Walters, R., de Moel, E., Loeb, J., Schell, K. M and the Internet: opportunities galore! 6100
Walters, R.J. *see* Cotal, H.L. 37989
Walters, R.J. *see* Wojtczuk, S. 37973
Walters, R.N. *see* Hall, R.M. 12791
Walters, S. *see* Stephenson, M. 36426
Walters, S.D., Howson, P.A. Modelling of high voltage ignition sparks produced by IC engine ignition systems 20202
Walters, S.M. Role of the ATM Forum in the 21st century 26178
Walthall, C.L., Williams, D.L., Markham, B.L., Kalshoven, J.E., Nelson, R.F. Development and present configuration of the NASA GSFC/WFF helicopter-based remote sensing system 8325
Walthall, C.L. *see* Breon, F.-M. 50032
Walthall, C.L. *see* Brown de Colstoun, E.C. 18766
Walthall, C.L. *see* van Leeuwen, W.J.D. 8300
Walther, H. *see* Abel, J. 7143
Walther, H. *see* Barthlein, W. 9745
Walther, H.-G. *see* Seidel, U. 40744
Walther, H.G. *see* Seidel, U. 7326
Walther, P. Electronic starter for fluorescent tubes to increase tube life 61321
Walther-Klaus, E., Lehmann, F. Functional modelling of store-and-forward communication devices 35450
Walthur, J., Vinzens, K. Contact points for protection target oriented maintenance from the point of view of supervisory authorities and specialists 50734
Waltman, S. *see* Murtz, M. 48311
Waltman, S.B., Hollberg, L.W., McIntosh, K.A., Brown, E.R. Demonstration of a phase-lockable microwave to submillimeter-wave sweeper 41435
Waltman, W.B. *see* Hartmann, G.K. 8419
Walton, A.D. *see* Jina, J. 9990
Walton, A.I. *see* Waring, T.G. 31066
Walton, A.J., Fallon, M., Newsam, M.I., Ferguson, R.S., Sprevak, D., Elliott, J.P., Allan, G.A. Total TCAD strategy for DFM in IC technology development 54774
Walton, A.J. *see* Allan, G.A. 22928
Walton, A.J. *see* Allan, G.A. 32536
Walton, A.J. *see* Allan, G.A. 43219
Walton, A.J. *see* Eliiott, J.P. 33341
Walton, A.J. *see* Elliott, J.P. 54745
Walton, A.J. *see* Gan Xuewen 32419
Walton, C. *see* Bordonalli, A.C. 23897
Walton, D.J., Meek, D.S. Approximation of a planar cubic Bezier spiral by circular arcs 543
Walton, D.J. *see* Meek, D.S. 552
Walton, D.J. *see* Miller, L.S. 36963
Walton, E.K. *see* Ming-Wang Tu 27008
Walton, J.T., Hong, W.S., Luke, P.N., Wang, N.W., Ziemba, F.P. Amorphous silicon/crystalline silicon heterojunctions for nuclear radiation detector applications 59281
Walton, J.T. *see* Knowlton, W.B. 42415
Walton, M. *see* Kabir, F. 19354
Walton, R. *see* Ketchum, J. 47749
Walton, R.M., Gland, J.L., Schwank, J.W. Gas sensing characteristics of ultrathin TiO_{2-x} films investigated with XPS, TPD and in situ resistance measurements 58882
Walton, S. *see* Geria, M. 57907
Walton, W.A., III *see* Taylor, C.D. 45123
Waltrip, B. *see* Oldham, N. 27349
Waltz, D. *see* Kotseroglou, T. 33602
Waltz, D.G. *see* Palmour, J.W. 2614
Waltz, E. The IEEE 1101.1 series of microcomputer packaging 57830
Waltz, F.M. Binary openings and closings in one pass using finite-state machines 25271
Waltz, F.M. Automated generation of finite-state machine lookup tables for binary morphology 35163
Walukiewicz, W. *see* Kin Man Yu 54036
Walukiewicz, W. *see* Wetzel, C. 12287
Walukiewicz, W. *see* Wetzel, C. 22238
Walworth, M. *see* McDonald, D. 20695
Walworth, M. *see* Mahajan, A. 20684
Walz, C. *see* Reindl, T. 10914
Walz, D. *see* Decker, F.-J. 37121
Walz, D.R. *see* Rokni, S.H. 8216
Walz, F., Rivas, J., Iniguez, J., Kronmueller, H. Analysis of magnetic after-effects in nickel ferrites 43649
Walz, F. *see* Torres, L. 55033
Walz, J. *see* Weber, J.-P. 16783
Walz, J. *see* Zimmermann, C. 44519
Walzel, M. *see* Model, R. 25518
Wambacq, P., Fernandez, F.V., Gielen, G., Sansen, W., Rodriguez-Vazquez, A. A family of matroid intersection algorithms for the computation of approximated symbolic network functions 11060
Wambacq, P. *see* Fivez, C. 59439
Wambecq, P., Gielen, G., Sansen, W. A new reliable approximation method for expanded symbolic network functions 11053
Wambersie, A., Gahbauer, R.A. Medical applications of electron linacs 49765
Wamser, J., Otto, J. Computer-aided test procedures for transducers and pressure switches by means of a newly developed pressure testing vehicle–operating experience 58645
Wan, C.-P. *see* Chen, J.C. 43242
Wan, C.C. *see* Yang, C.H. 12817
Wan, C.C. *see* Yang, C.R. 29537
Wan, C.T. *see* Ke Chen 53708
Wan, E.A. Adjoint LMS: an efficient alternative to the filtered-x LMS and multiple error LMS algorithms 15412
Wan, E.T.K. *see* Chow, W.K. 33779
Wan, H.B., Song, Y.H., Johns, A.T. Identification of voltage weak buses/areas using neural network based classifier 8738
Wan, J.K.S., Ioffe, M.S., Depew, M.C. A novel acoustic sensing system for on-line hydrogen measurements 36779
Wan, K. *see* Geng, Z. 436
Wan, K.F., Ching, P.C. Multilevel split-path adaptive filtering and its unification with discrete Walsh transform adaptation 34734
Wan, K.K., Fountain, R.H. Quantization by parts, self-adjoint extensions, and a novel derivation of the Josephson equation in superconductivity 13506
Wan, P.-J., Pavan, A. TWDM single-hop lightwave networks using multiple fixed transceivers at each station 58279
Wan, S. *see* Sun, X. 48592
Wan, W. An end-to-end system performance analysis model for FLIR sensor using PC based scientific spreadsheet 17535
Wan, W., Fraser, D. Spatial and temporal classification with multiple self-organising maps 56614
Wan, W. *see* Sanders, J. 28544
Wan, W. *see* Yin, W.Y. 4329
Wan, W. *see* Yin, W.Y. 24461
Wan, X., Kuo, C.-C.J. Image retrieval with multiresolution color space quantization 15790
Wan, Y.W. *see* Lau, K.M. 30341
Wan, Z.-X. State spaces of convolutional codes 56264
Wan Anjun *see* Li Hongpu 33189
Wan Anjun *see* Liu Zhonglin 6428
Wan Anjun *see* Liu Zhonglin 23627
Wan Chieh Yih *see* Chieh Yih Wan
Wan Cho Jung *see* Jung Wan Cho
Wan Choi *see* DongGill Lee 47475
Wan Choi Tae *see* Tae Wan Choi
Wan Chul Yoon *see* Dong Han Ham 39878
Wan Chun Shi *see* Shi Wan Chun
Wan Chunxi *see* Chunxi Wan
Wan Da *see* Feng Youming 53153
Wan De Jun *see* De Jun Wan
Wan Der-Shen *see* Der-Shen Wan
Wan Hong *see* Hong Wan
Wan Jianwei, Shong Xiaoquan, Huang Fukan, Zhou Liangzhu The research of synthetical sorting method for radar signal 16852
Wan Ki Gwan *see* Ki Gwan Wan
Wan Kim Ki *see* Ki Wan Kim
Wan Kim Su *see* Su Wan Kim
Wan Koh Yeon *see* Yeon Wan Koh
Wan Lee Bong *see* Bong Wan Lee
Wan Liang *see* Hou Zhijian 28844
Wan Liqing *see* Liqing Wan
Wan Long *see* Long Wan
Wan Mingxi *see* Mingxi Wan
Wan Park Kyoung *see* Kyoung Wan Park
Wan Peng-Jun *see* Peng-Jun Wan
Wan Ping *see* Ping Wan
Wan Qiuyu *see* Qiuyu Wan
Wan Shanming *see* Shanming Wan
Wan Shou-Ke *see* Wang Zhan-Guo 2010
Wan Soo Yun *see* Sung Hoon Kim 30883
Wan Weishui, Xiong Chen Convergence theorem of genetic algorithm 21088
Wan Wen-Kai *see* Wen-Kai Wan
Wan Xiao-Yan, Luo Chuan-Hui, Zhang Chang-Yao, Guo Zhang-Qi Design of 16-channel CAGO-CFAR ASIC block with target-eliminating circuit 56459
Wan Yue Feng *see* Yue Feng Wan
Wan Zhangquo *see* Zhou Jian 61333
Wan Zhe-Xian *see* Zhe-Xian Wan
Wan Zhengming *see* Zhengming Wan
Wan Zhuang, Yubo Chen, Sui Sun Cheng Monotone methods for a discrete boundary problem 30640
Wan-Chi Siu *see* Choy, S.S.O. 5150
Wan-Chi Siu *see* Choy, S.S.O. 15983
Wan-Chi Siu *see* Choy, S.S.O. 25511
Wan-Chi Siu *see* Lap-Pui Chau 1611
Wan-Chi Siu *see* Sung-Wai Hong 57087
Wan-Chi Siu *see* Tai-Chiu Hsung 57295
Wan-Chi Siu *see* Yui-Lam Chan 5178
Wan-Chi Siu *see* Yui-Lam Chan 57187
Wan-De Weng The error performance simulation for DEQPSK systems employing nonlinear phase synchronizers 45603
Wan-Jing Xu *see* Sheng Lan 3855
Wan-Pau Hsu *see* Hsu Wan-Pau
Wan-Rone Liou, Mei-Ling Yeh Fully self-consistent calculation the large-signal response of a double-barrier heterostructure device 12864
Wan-Sik You *see* Sang-Uk Kim 9233
Wan-Sik You *see* Sang-Uk Kim 29252
Wan-Sik You *see* Young-Seok Kim 51040
Wan-Teh Chang, Soonhoi Ha, Lee, E.A. Heterogeneous simulation–mixing discrete-event models with dataflow 45805
Wan-Young Chung *see* Soon-Don Choi 36750
Wancerz, M. *see* Kacejko, P.A. 19219
Wancerz, M. *see* Kacejko, P.A. 19285
Wancheng Lu *see* Lu Wancheng
Wancheng Xie *see* Xie Wancheng
Wanchun Shi *see* Yuhai Ma 48350
Wanci Shen *see* Shen Wanci
Wand, M.D., Vohra, R.T., Thurmes, W.N., More, K.M. Tolane cinnamates–a new class of stable, high birefringence dopants 44109
Wande Wang *see* Songchar Jiang 47061
Wandell, B.A. *see* Goodman, J.W. 52028
Wandell, B.A. *see* Xuemei Zhang 46506
Wandernoth, B., Oleski, P.J. Performance evaluation of a liquid crystal beam steering/beam spoiling device developed for space communication applications 6798
Wandernoth, B. *see* Giggenbach, D. 6792
Wands, R. *see* Smith, R.P. 49321
Wandt, D., Laschek, M., Tunnermann, A., Welling, H. Continuously tunable external-cavity diode laser with a double-grating arrangement 55699

Wane Zhibo *see* Pan Ziqiang 49818
Wanet, P.M., Sand, A., Abramovici, J. Physical and clinical evaluation of high-resolution thyroid pinhole tomography 49487
Wang, A. Transient voltage suppression [telecommunication equipment] 25996
Wang, A., Yao, K., Hudson, R.E., Korompis, D., Lorenzelli, F., Soli, S.D., Gao, S. Modern microphone array for hearing aid and speech processing 28686
Wang, A., Yao, K., Hudson, R.E., Korompis, D., Lorenzelli, F., Soli, S.D., Gao, S. Calibration, optimization, and DSP implementation of microphone array for speech processing 34645
Wang, A., Yao, K., Hudson, R.E., Korompis, D., Lorenzelli, F., Soli, S.F., Gao, S. A high performance microphone array system for hearing aid applications 28442
Wang, A. *see* Altermatt, P.P. 51559
Wang, A. *see* Arya, V. 48597
Wang, A. *see* Haddad, S. 1351
Wang, A. *see* Lorenzelli, F. 15325
Wang, A. *see* Lorenzelli, F. 25035
Wang, A. *see* Motamedi, M.E. 54856
Wang, A. *see* Rahnavardy, K. 36630
Wang, A. *see* Rahnavardy, K. 58813
Wang, A. *see* Zhao, J. 29640
Wang, A. *see* Zhao, J.-H. 39159
Wang, A.H., Amone, M., Blyakhman, Y., Tietze, R. Using reactive modifiers to toughen cyanate esters for advanced multilayer board applications 11952
Wang, A.R. Logic synthesis, an industrial perspective 53137
Wang, A.T.S., Ruey-Shi Chu, Kuan Min Lee Low-profile, broadband, wide-scan, circular-polarized phased array radiator 34418
Wang, A.T.S. *see* Ruey-Shi Chu 34456
Wang, B., Bates, J.B., Hart, F.X., Sales, B.C., Zuhr, R.A., Robertson, J.D. Characterization of thin-film rechargeable lithium batteries with lithium cobalt oxide cathodes 19962
Wang, B., Braile, L.W. A multi-scale approach for seismic tomography 60026
Wang, B. *see* Chang, Y.-W. 60163
Wang, B. *see* Turner, J. 12809
Wang, B.F., Zhang, W.J., Wai-Kai Chen A systematic design method of multilayer composite-glass with thin metallic layer 21380
Wang, B.X., Shi, K. On nonlinear Galerkin approximation 21184
Wang, C., Xiao, H., Hong, H., Ye, S. Pulsed laser diode optical fiber interferometer absolute distance measurement 36627
Wang, C. *see* Arai, Y. 37267
Wang, C. *see* Arai, Y. 37268
Wang, C. *see* As, D.J. 41920
Wang, C. *see* Baoping Wang 41785
Wang, C. *see* Bering, E.A., III 8458
Wang, C. *see* Davis, R.F. 21248
Wang, C. *see* Davis, R.F. 30828
Wang, C. *see* Dorenbosch, J. 44992
Wang, C. *see* Liotto, G. 48938
Wang, C. *see* McKeon, J.B. 54646
Wang, C. *see* Wang, S.C. 217
Wang, C. *see* Wang, S.C. 12824
Wang, C. *see* Xu, A. 26679
Wang, C. *see* Yao, H.-W. 21874
Wang, C. *see* Yuan, H. 36119
Wang, C.-C. *see* Davidson, A.C. 58752
Wang, C.-K., Liu, L.M., Liao, D.M., Smith, D.C., Danek, M. Optimization of PVD Ti/CVD TiN liner for 0.35 μm tungsten plug technology 42679
Wang, C.-T. *see* Lin, C.-H. 24771
Wang, C.-Y., Chou, T.-L., Roy, K. Maximum power estimation for CMOS circuits under arbitrary delay model 13133
Wang, C.A. Organometallic vapor phase epitaxial growth of AlSb-based alloys 52660
Wang, C.A., Choi, H.K. GaInAsSb/AlGaAsSb multiple-quantum-well diode lasers grown by organometallic vapor phase epitaxy 33500
Wang, C.A., Salim, S., Jensen, K.F., Jones, A.C. Characteristics of GaSb growth using various gallium and antimony precursors 40322
Wang, C.A. *see* Krueger, C.W. 12245
Wang, C.A. *see* Salim, S. 30816
Wang, C.C. Fuzzy min-max neural networks for coin recognition 15709
Wang, C.C. *see* Akbar, S.A. 36771
Wang, C.C. *see* Ku, T.K. 41740
Wang, C.D., Halajian, S. Processing methods enhance collision-warning systems 56501
Wang, C.H. *see* Chia-Chen Hsu 4018
Wang, C.H. *see* Goodson, T., III 3313
Wang, C.H. *see* Iijima, T. 37238
Wang, C.H. *see* Sahu, S.K. 37360
Wang, C.H. *see* Sze, P.W. 12243
Wang, C.H. *see* Yom, S.S. 21352
Wang, C.H. *see* Yom, S.S. 52797
Wang, C.J. *see* Xia, H.R. 33732
Wang, C.K. *see* Yin, S.C. 7074
Wang, C.L. *see* Chen, Y.F. 44422
Wang, C.L. *see* McGregor, D.S. 37323
Wang, C.M., Vecchia, D.F., Young, M., Brilliant, N.A. Software for performing gray-scale measurements of optical fiber end faces 33051
Wang, C.M. *see* Hale, P.D. 7132
Wang, C.M. *see* Rose, A.H. 58819
Wang, C.M. *see* Wang, S.C. 12824
Wang, C.Ming *see* Ming Wang, C.
Wang, C.S. *see* Shih, C.J. 39709
Wang, C.W., Sheu, T.J., Su, Y.K., Yokoyama, M. Deep traps and brightness degradation for oxygen-rich concentration in ZnS:TbOF thin film electroluminescent devices 44270
Wang, C.W., Sheu, T.J., Su, Y.K., Yokoyama, M. An investigation of deep electron trap at the different insulator-phosphor interfaces in ZnS:TbOF ACTFEL devices 44271
Wang, C.Y. *see* Chen, J.H. 42816
Wang, C.Y. *see* Chuang, Z.M. 3827
Wang, C.Y. *see* Chuang, Z.M. 23919
Wang, D., Haighton, P., Wang, L., Vincent, A. Motion estimation using segmentation and consistency constraint 56876
Wang, D., Ivey, D.G. Interfacial reactions between Ti thin films and InP 32240
Wang, D., Lee, J., Holland, K., Bibby, T., Beaudoin, S., Cale, T. Von Mises stress in chemical-mechanical polishing processes 54381
Wang, D., Thomas, S.G., Wang, K.L., Younan Xia, Whitesides, G.M. Nanometer scale patterning and pattern transfer on amorphous Si, crystalline Si, and SiO_2 surfaces using self-assembled monolayers 42808
Wang, D., Xie, W. Invariant image recognition by a neural networks and modified moment invariants 15796
Wang, D. *see* Beauchamp, P.M. 36693
Wang, D. *see* Fan, Y. 5214
Wang, D. *see* Wu, Y.Z. 17878
Wang, D. *see* Xu, W. 38786
Wang, D. *see* Xue, T. 11103
Wang, D. *see* Yingen, X. 35264
Wang, D.C., Bosman, G., Li, S.S., Chu, J. Noise performance of p-type strained layer quantum well infrared photodetectors 48668
Wang, D.C. *see* Wei-Chang Tsai 52964
Wang, D.D., Jinwu Xu Fault detection based on evolving LVQ neural networks 24927
Wang, D.F. *see* Chung-Ping Chen 1074
Wang, D.F. *see* Leng, J.S. 40695
Wang, D.J., Katory, M. Hydrodynamic analysis of pneumatic wave power generators 29143
Wang, D.J. *see* Hsiung, G.Y. 17962
Wang, D.N., Shu, C. Dual-wavelength picosecond pulse generation using a single grating and a Michelson interferometer in a self-injection seeding scheme 44832
Wang, D.P., Chen, C.C., Shen, T.L., Hsu, T.M., Lee, W.C. Pumping-beam-induced photovoltaic effect on the photoreflectance of a δ-doped GaAs film 2016
Wang, D.X. Measurement of short bunches 37149
Wang, D.X., Krafft, G.A., Price, E., Wood, P., Porterfield, D., Crowe, T. A fast coherent synchrotron radiation monitor for the bunch length of the short CEBAF bunches 18021
Wang, D.X., Kraft, G.A., Price, E., Wood, P.A.D., Porterfield, D.W., Crowe, T.W. A noninvasive bunch length monitor for femtosecond electron bunches 49256
Wang, D.X. *see* Haber, I. 18026
Wang, E.G. $(II\text{-}VI)_m/(IV_2)_n$ (110) superlattice: interfacial chemistry, electronic structure, and optical property 2188
Wang, E.G. *see* Gu, Y.M. 22388
Wang, E.X., Giles, M.D., Sia Yu, Leon, F.A., Hiroki, A., Odanaka, S. Recursive M-tree method for 3-D adaptive tetrahedral mesh refinement and its application to Brillouin zone discretization 12161
Wang, F., Uusimaeki, A., Leppaevuori, S. Preparation and electrical properties of $Ba_{0.6}Sr_{0.4}TiO_3$ thin films deposited by the sol-gel method 52755
Wang, F. *see* Chang, C.S. 28807
Wang, F. *see* Dausch, D.E. 43490
Wang, F. *see* Duernberger, P.M. 30077
Wang, F. *see* Farag, A.S. 28746
Wang, F. *see* Li, G. 13770
Wang, F. *see* Liu, J.L. 12418
Wang, F. *see* Lozinski, A. 30973
Wang, F. *see* Wolfe, D. 21348
Wang, F.Z. *see* Yang, D.H. 27322
Wang, G., Ansari, N. Optimal broadcast scheduling in packet radio networks using mean field annealing 26498
Wang, G., Keller, O. Circulating photon-drag current in a small hollow cylinder 45159
Wang, G. *see* Bernstein, B.B. 50222
Wang, G. *see* Pistoia, G. 9518
Wang, G. *see* Yeh, T. 3181
Wang, G.-X. *see* Tseng, A.A. 22627
Wang, G.M. *see* Equall, R. 14410
Wang, G.S., Song, Y.H., Johns, A.T., Wang, P.Y., Hu, Z.Y. Fuzzy logic controlled multilayer neural networks: theory and case studies 19821
Wang, G.S. *see* Dou, W.B. 11659
Wang, G.S. *see* Song, Y.H. 19191
Wang, G.S. *see* Song, Y.H. 40127
Wang, G.Y., Jing Zhao, Qiushui Chen, Conin-Golomb, M. Widely tunable efficient intracavity quasiphase-matched midinfrared generation 55576
Wang, H. A simple optical displacement sensor utilizing dual-channel angle-limited integrated scattering measurements 7247
Wang, H. Effects of fibre geometry on the modulation function of a reflective intensity modulation sensor 7367
Wang, H. Analysis of modulation functions for fiber optic proximity sensors based on the principle of collimated beam reflective intensity modulation 7374
Wang, H. Reflective fibre optical displacement sensors for the inspection of tilted objects 7375
Wang, H., Chang, K.-W., Dow, G.S., Allen, B.R. Development of low phase noise millimeter-wave sources using MMIC technology 11744
Wang, H., Chang, S.-F. Automatic face region detection in MPEG video sequences 15791
Wang, H., Effenberger, F.J., LiKamWa, P., Miller, A. Ultrafast cross-well carrier transport in a strained multiple-quantum-well InGaAs-GaAs p-i-n modulator 23577
Wang, H., Hopgood, A.A., Ng, G.I. Analysis of dark-line defect growth suppression in $In_xGa_{1-x}As/GaAs$ strained heterostructures 40400
Wang, H., Liu, K.J.R. Diversity combining with novel fixed delay M-D decoder for fast time-varying fading channels 6460
Wang, H., Liu, K.J.R. A fast tracking adaptive array system for mobile communications 26550
Wang, H., Liu, P.C. Double-edge-triggered address pointer for low-power high-speed FIFO memories 41130
Wang, H., Luo, J., Shenoy, K.V., Royter, Y., Fonstad, C.G., Jr., Psaltis, D. Monolithic integration of SEEDs and VLSI GaAs circuits by epitaxy on electronics 55470
Wang, H., Ng, G.I., Lai, R., Hwang, Y., Lo, D.C.W., Dia, R., Freudenthal, A., Block, T. Fully passivated W-band InAlAs/InGaAs/InP monolithic low noise amplifiers 11721
Wang, H., Ye, P. Optical soliton communication research in China 26678
Wang, H., Zhang, Q.M., Cross, L.E., Trottier, C.M. Tailoring material properties by structure design–radially poled piezoelectric cylindrical tube 2898
Wang, H., Zhuang, T., Jiang, D., Bacelar, A., Liu, W.Y., Magnin, I.E., Gimenez, G. Novel algorithm to automatic contour detection in image sequences 56853
Wang, H. *see* Bindiganavale, S.S. 36214
Wang, H. *see* Chang, K.W. 41483
Wang, H. *see* Chen, Y.C. 53672
Wang, H. *see* Cheung, S.K. 31969
Wang, H. *see* Cowles, J. 41519
Wang, H. *see* Eckardt, T. 47279
Wang, H. *see* Gaier, T. 41485
Wang, H. *see* Lin, E.W. 31151
Wang, H. *see* Shen, J. 28108
Wang, H. *see* Takashima, T. 19399
Wang, H.-C. *see* Jean, F.R. 7112
Wang, H.-H., Grenier, P., Whitaker, J.F., Fujioka, H., Jasinski, J., Liliental-Weber, Z. Ultrafast response of As-implanted GaAs photoconductors 55432
Wang, H.B., Xu, W.W., Cheng, Q.H., Wu, P.H., Xue, S.Q., Li, H.H., Shen, X.C. A 3 mm waveband Gunn oscillator phase-locked with a high-T_c Josephson harmonic mixer and its applications to the quantum voltage standard 32918
Wang, H.B., Xu, W.W., Cheng, Q.H., Wu, P.H., Xue, S.Q., Li, H.H., Shen, X.C. A Gunn oscillator at 3 mm waveband phase-locked with high Tc Josephson harmonic mixer and its applications to quantum voltage standard 53611
Wang, H.B. *see* Xue, S.Q. 27232
Wang, H.C. *see* Lai, C.S. 42615
Wang, H.F., Swift, F.J. A unified model for the analysis of FACTS devices in damping power system oscillations. I. Single-machine infinite-bus power systems 50512
Wang, H.F., Swift, F.J., Li, M. Comparison of modal controllability between FACTS-based stabilisers and PSS in increasing the oscillation stability of multimachine power systems 8852
Wang, H.F., Swift, F.J., Li, M. Analysis of thyristor-controlled phase shifter applied in damping power system oscillations 19277
Wang, H.F., Swift, F.J., Li, M. Indices for selecting the best location of PSSs or FACTS-based stabilisers in multimachine power systems: a comparative study 60257
Wang, H.F. *see* Fu, C.C. 39670
Wang, H.F. *see* Swift, F.J. 50429
Wang, H.H. *see* Sung, C.Y. 31813
Wang, H.L., Huang, F., MacDiarmid, A.G., Wang, Y.Z., Gebler, D.D., Epstein, A.J. Application of aluminum, copper and gold electrodes in a.c. polymer light-emitting devices 13874
Wang, H.T.G. *see* Jian Gong 14761
Wang, H.T.M., Yen, H.W., Yap, D., Hsu, H.P. Analog OE module development TRP status report 58361
Wang, H.Y., Penot, F., Sauliner, J.B. Numerical study of a buoyancy-induced flow along a vertical plate with discretely heated integrated circuit packages 30219
Wang, H.Y. *see* Ho, C.H. 14711
Wang, I.-J., Chong, E.K.P., Kulkarni, S.R. Weighted averaging and stochastic approximation 30581
Wang, I.K., Chen, H.H. Simultaneous switching noise projection for high-performance SOI chip design 22969
Wang, J. Cellular CDMA overlay systems 16583
Wang, J., Dunford, W.G., Mauch, K. A comparison of modified boost converters with continuous

inductor current mode and ripple free input current with conventional converters 29443
Wang, J., Dunford, W.G., Mauch, K. A comparison between two proposed boost topologies and conventional topologies for power factor correction 38834
Wang, J., Fiebig, M. Measurement of the thermal diffusivity of liquids with a laser-induced thermal-grating technique: an experimental investigation of systematic errors 36948
Wang, J., Gao, Z. Real time estimation of position and the gravity vector with an inertial survey system 38040
Wang, J., Leung, M.K.H., Siu Cheung Hui Cursive word reference line detection 56915
Wang, J., Mouftah, H.T. Integration of GCAC and SPF for connection management in ATM networks 16031
Wang, J., Schweizer, H. Nonlinear gain suppression in quantum-well lasers due to carrier heating: the roles of carrier energy relaxation, electron-hole interaction, and Auger effect 3828
Wang, J., Zhu, Z., Hiraga, K., Yao, T. Hot plasma chemical vapor deposition of GaN on GaAs(100) substrate 52823
Wang, J. *see* Andrews, J. 30227
Wang, J. *see* Bond, E. 29444
Wang, J. *see* Hector, J.R. 44385
Wang, J. *see* Javidi, B. 33198
Wang, J. *see* Javidi, B. 57137
Wang, J. *see* Lee, P.C.Y. 13355
Wang, J. *see* Lin Ruey-Shiung 59828
Wang, J. *see* Liu, A. 32405
Wang, J. *see* Liu, Y. 36998
Wang, J. *see* Lu, F. 54148
Wang, J. *see* Lu Liwu 32005
Wang, J. *see* Lu Liwu 32006
Wang, J. *see* McAulay, A.D. 3347
Wang, J. *see* Mitra, D. 35376
Wang, J. *see* Moh, W.M. 6138
Wang, J. *see* Monnard, R. 33118
Wang, J. *see* Pruneri, V. 24134
Wang, J. *see* Son, J.S. 36501
Wang, J. *see* Tellakula, A.R. 58965
Wang, J. *see* Wang, R. 7232
Wang, J. *see* Xu, Z.Y. 2215
Wang, J. *see* Yang, J. 26955
Wang, J. *see* Yong, T.-Y. 43272
Wang, J. *see* Zhong, S. 61029
Wang, J.-F. *see* Sethuraman, A.R. 2409
Wang, J.-F. *see* Suen, H.-M. 4923
Wang, J.-G., Mohan, A.S., Aubrey, T.A., Clout, R. Analysis of AOA of multipath signals inside buildings: a comparison between MUSIC and ray tracing 58199
Wang, J.-Q., Rizzo, N.D., McCambridge, J.D., Prober, D.E., Motowidlo, L.R., Zeitlin, B.A. Ferromagnetic artificial pinning centers in multifilamentary superconducting wires 55093
Wang, J.-T. NII project in ROC – development and applications of broadband trial network 47149
Wang, J.-Y. *see* Sun, Y.N. 18265
Wang, J.B., Liaw, C.M. Indirect field-oriented induction motor drive with fuzzy detuning correction and efficiency optimisation controls 39279
Wang, J.B., Lu, F., Zhang, S.K., Zhang, B., Gong, D.W., Sun, H.H., Xun Wang Analysis of capacitance-voltage characteristics of $Si_{1-x}Ge_x$/Si quantum-well structures 2155
Wang, J.B., Wang, Y.L. A novel procedure for measuring the absolute current density profile of a focused gallium-ion beam 2310
Wang, J.B. *see* Lu, F. 54148
Wang, J.C. *see* Adam, A. 37280
Wang, J.F., Giniewicz, J.R., Bhalla, A.S. Piezoelectric properties of modified lead scandium tantalate ceramics 23180
Wang, J.G., Reiser, M. Experimental studies of longitudinal dynamics of space-charge dominated beams 18025
Wang, J.G., Suk, H., Reiser, M. Experiments on resistive-wall instability in space-charge dominated electron beams with localized space-charge waves 49096
Wang, J.G. *see* Bernal, S. 59136
Wang, J.G. *see* Haber, I. 18026
Wang, J.G. *see* Reiser, M. 59138
Wang, J.G. *see* Venturini, M. 59137
Wang, J.J. *see* Cheng, C.-C. 22644
Wang, J.J. *see* Yan, Y.-S. 22645
Wang, J.J.H., Tillery, J.K. Performance of spiral-mode microstrip (SMM) antenna and its mystery and remedy of gain loss at low end of operating band 34345
Wang, J.L. Impact of self-similarity on the go-back-N ARQ protocols 57622
Wang, J.L., Tang, N., Li, W.Z., Qin, W.D., Pan, H.Y., Nasunjilegal, B., Yang, F.M., de Boer, F.R. High-field magnetic properties of $Ho_2Fe_{15}M_2$ compounds (M=Al, Ga, Ni and Si) 23297
Wang, J.L. *see* Ramaswami, V. 5829
Wang, J.L. *see* Xiu-Feng Han 43628
Wang, J.M. *see* Jun-Fa Mao 11121
Wang, J.M. *see* Wu, J.W. 23196
Wang, J.M. *see* Wu, J.W. 23197
Wang, J.Q. *see* Hung, M.Y.Y. 21401
Wang, J.Q. *see* Hung, Y.Y. 999
Wang, J.Q. *see* Hung, Y.Y. 31016
Wang, J.R., Racette, P., Chang, L.A. MIR measurements of atmospheric water vapor profiles 50058
Wang, J.R. *see* Chadwick, D.J. 8509
Wang, J.R. *see* Hall, D.K. 18892
Wang, J.S. *see* Jung, J.W. 42437
Wang, J.S.-H., Dai, W.W.-M. Transient analysis of single interconnects characterized with measured S-parameter data 45284
Wang, J.W., Eichner, J.P., Fant, K.H., Hoag, H.A., Koontz, R.F., Lavine, T., Loew, G.A., Loewen, R.J., Menegat, A., Miller, R.H., Nantista, C.D., Pearson, C., Ruth, R.D., Tantawi, S.G., Vlieks, A.E., Wilson, P.B., Yoneda, C. High gradient experiments on NLCTA accelerator structures 49051
Wang, J.W. *see* Ho, C.H. 14711
Wang, J.W. *see* Lim, B.W. 48557
Wang, J.W. *see* Miller, R.H. 49048
Wang, J.W. *see* Ruth, R.D. 49165
Wang, J.W. *see* Seidel, M. 49050
Wang, J.Y. *see* Liu, W.J. 32984
Wang, J.Y. *see* Mundschau, M. 55026
Wang, K., Park, H., Yu, Z., Kan, E., Dutton, R.W. 3D solid modeling of IC structures using simulated surface topography 13101
Wang, K. *see* Ghamaty, S. 32047
Wang, K. *see* Khoo, I.C. 3399
Wang, K. *see* Reeber, R.R. 40668
Wang, K.C., Hwang, H.L., Toferski, J.J., Yew, T.R. Studies on low temperature silicon grain growth on SiO_2 by electron cyclotron resonance chemical vapor deposition 882
Wang, K.C. *see* Chen, C.-C. 31272
Wang, K.C. *see* Wu, D.Y. 47941
Wang, K.C. *see* Yu, R. 36181
Wang, K.K. *see* Han, S. 30224
Wang, K.L. *see* Huang, F.Y. 33268
Wang, K.L. *see* Huang, F.Y. 48544
Wang, K.L. *see* Huang, P.Y. 27575
Wang, K.L. *see* Im, S. 32131
Wang, K.L. *see* Wang, D. 42808
Wang, K.W. *see* Tsai, M.S. 38930
Wang, L., Bosley, D.L., Kevorkian, J. An asymptotic analysis of the 1:3:4 Hamiltonian normal form 24033
Wang, L., Klein, M., Yirga, S., Kundur, P. Dynamic reduction of large power systems for stability studies 60307
Wang, L., Lin, G.C.I. A new effective calibration method for machine vision system 48693
Wang, L., Lin, S.-Y., Hafich, M.J., Fritz, I.J. Time-resolved carrier recombination dynamics of 1.3-1.8 μm broadband light emitting diode structures 3632
Wang, L., Mercer, M.R., Williams, T.W. Using target faults to detect non-target defects 40975
Wang, L., Smith, B.V., Coates, R. Effects of water surface on the field of a parametric source 38044
Wang, L., Vincent, A. Bit allocation for joint coding of multiple video programs 56629
Wang, L., Vincent, A. Joint coding for multi-program transmission 57263
Wang, L. *see* Chu, C.M. 37038
Wang, L. *see* Hamdi, M. 25944
Wang, L. *see* Hinsch, E. 16371
Wang, L. *see* Li, M.J. 31664
Wang, L. *see* Mainguy, A. 15625
Wang, L. *see* Sheng, J. 2304
Wang, L. *see* Wang, D. 56876
Wang, L. *see* Xia, S. 36529
Wang, L. *see* Yongqing Xiang 46009
Wang, L. *see* Zheng, M. 36202
Wang, L. *see* Zheng, M. 48030
Wang, L.-C., Williams, T.W., Mercer, M.R. A better ATPG algorithm and its design principles 7173
Wang, L.A., Chen, C.D. Characteristics comparison of Er-doped double-pass superfluorescent fiber sources pumped near 980 nm 44386
Wang, L.A., Chen, C.D. Comparison of efficiency and output power of optimal Er-doped superfluorescent fibre sources in different configurations 55523
Wang, L.A., Su, C.D. Tolerance analysis of aligning an astigmatic laser diode with a single-mode optical fiber 13609
Wang, L.A. *see* Liou, C.L. 44028
Wang, L.C., Harvey, M.K., Stein, H.L., Scheunemann, U. The role of UHMW-PE in microporous PE separators 61001
Wang, L.C. *see* Hao, P.H. 2220
Wang, L.C. *see* Moon-Ho Park 22426
Wang, L.C. *see* Moon-Ho Park 42252
Wang, L.C. *see* Moon-Ho Park 54255
Wang, L.C. *see* Park, M.-H. 32071
Wang, L.C. *see* Ressel, P. 42963
Wang, L.C. *see* Yang, Z.C. 12530
Wang, L.H. *see* Pan, J.J. 14000
Wang, L.S. *see* Galvin, R. 48029
Wang, L.Y.-R., Tseng, C.-C., Wang, T.-P. A multichannel model for initial and handoff accesses in a mobile computing environment 6142
Wang, M. Strategic learning in games with incomplete information 21040
Wang, M. L^∞ convergence of TRUNC element for the biharmonic equation 21204
Wang, M. *see* Barette, J. 59207
Wang, M.-X. *see* Herve, P. 41307
Wang, M.C. *see* Qian, Y. 23901
Wang, M.J. *see* Antos, J. 37373
Wang, M.L. *see* Kuh, E.S. 54776
Wang, M.M.T., Shen, T.W.H. An element-by-element BICGSTAB iterative method for three-dimensional steady Navier-Stokes equations 40271
Wang, M.Z. Linear complexity profiles and jump complexity 45572
Wang, M.Z. The basis matrix and its application to finite field multiplication 45629
Wang, M.Z. *see* Iijima, T. 37238
Wang, M.Z. *see* Sahu, S.K. 37360
Wang, M.Z. *see* Tantikovit, S. 47537
Wang, N., Komisarek, K., Dominek, A., Hann, R.E. Mixed-field hybrid FEM/BEM formulation for two-dimensional TE radiation and scattering by resistive strips 14564
Wang, N.F. *see* Sze, P.W. 12243
Wang, N.W. *see* Holland, S.E. 48685
Wang, N.W. *see* Walton, J.T. 59281
Wang, P., Greenbaum, M., Cruz, J. Optimization of detection of low probability of intercept (LPI) radar signals by Taguchi experiment 8639
Wang, P. *see* Amos, N. 37445
Wang, P. *see* Brown, E.W. 35012
Wang, P. *see* Hong, Y.R. 27530
Wang, P. *see* Liu, B. 15889
Wang, P. *see* Liu, B. 35001
Wang, P. *see* Tiemessen, M. 32251
Wang, P. *see* Perner, P. *(editor)* 9833
Wang, P.-C., Cargill, G.S., III. Optimization of phosphor screens for charge coupled device based detectors and 7-34 keV X-rays 36649
Wang, P.-C., Cargill, G.S., III., Noyan, I.C., Liniger, E.G., Hu, C.-K., Lee, K.Y. X-ray microdiffraction for VLSI 42739
Wang, P.-C. *see* Noyan, I.C. 42796
Wang, P.D., Merz, J.L., Fafard, S., Leon, R., Leonard, D., Medeiros-Ribeiro, G., Oestreich, M., Petroff, P.M., Ledentsov, N.N., Kop'ev, P.S., Ustinov, V.M., Uchida, K., Miura, N., Akiyama, H., Sakaki, H., Torres, C.M.S. Magneto-optical properties of InAs monolayers and $In_yAl_{1-y}As$ self-assembled quantum dots in Ga(Al)As matrices 12490
Wang, P.D. *see* Darhuber, A.A. 12449
Wang, P.D. *see* Sparing, L.M. 23665
Wang, P.D. *see* Xin, S.H. 10810
Wang, P.J. *see* Dunford, R.B. 54149
Wang, P.K.C., Gutierrez, R.C., Bartman, R.K. A method for designing electrostatic-actuator electrode pattern in micromachined deformable mirrors 23030
Wang, P.P., Xiliang Gu Intelligent engineering and technology for nuclear power plant operation 29000
Wang, P.T.R. *see* Box, F. 48211
Wang, P.W. *see* Chang, J.-W. 43681
Wang, P.Y. *see* Chen, J.F. 31944
Wang, P.Y. *see* Song, Y.H. 19191
Wang, P.Y. *see* Song, Y.H. 40127
Wang, P.Y. *see* Wang, G.S. 19821
Wang, Q., Ghanbari, M. Virtual zero-tree wavelet transform coding of super high-definition images 15611
Wang, Q., Ghanbari, M. Compatible and scalable coding of super high definition images 57464
Wang, Q., Vrudhula, S.B.K. Multi-level logic optimization for low power using local logic transformations 11099
Wang, Q., Wu, R., Lin, S., Li, J., Xiong, F., Zhang, Q. An investigation of multi-functional semiconductor bistable laser 23887
Wang, Q. *see* Carlsson, N. 40336
Wang, Q. *see* Fair, I.J. 24745
Wang, Q. *see* He, X.D. 44813
Wang, Q. *see* Huang, W. 725
Wang, Q. *see* Jiang, L. 9555
Wang, Q. *see* Pichna, R. 16587
Wang, Q. *see* Ramvall, P. 22374
Wang, Q. *see* Wu, B. 47636
Wang, Q. *see* Wu, R. 23571
Wang, Q. *see* Yan, H. 43726
Wang, Q. *see* Yashima, H. 16540
Wang, Q.H., Swanson, J.G. Depletion mode optoelectronic modulation spectroscopy 2273
Wang, Q.H. *see* Lucyszyn, S. 11639
Wang, Q.N. *see* Brubaker, R.M. 2175
Wang, Q.Z. *see* Hung, Y.F. 30161
Wang, R., Cole, M., Hou, L.D., Chu, P., Chang, C.D., Midford, T.A., Cisco, T. A 55% efficiency 5 W PHEMT X-band MMIC high power amplifier 31529
Wang, R., Hua, T., Qin, W., Chen, G., Fu, Y., Guo, Q., Wang, J., Yu, B., Zhu, Z., Ruan, Z. Research on the applications of miniature optical pattern recognition system 7232
Wang, R., Karmouch, A. A broadband multimedia telelearning platform 47386
Wang, R., Linnartz, J.P.M.G. Design of a frequency hopping spread spectrum communication system for an automated highway system 6655
Wang, R. *see* Coggins, R. 37876
Wang, R. *see* Iyoda, T. 55164
Wang, R. *see* Kolnik, J. 12267
Wang, R.H. *see* Huang, X.D. 54360
Wang, R.J. *see* Jabri, M.A. 59802
Wang, R.K. *see* Dou, S.X. 43771
Wang, R.T. *see* Dick, G.J. 21538
Wang, R.T. *see* Santiago, D.G. 11223
Wang, S., Takamatsu, R., Sato, M., Kawarada, H. Shape simplification of free-form surface objects for multi-scale representation 25503

Wang, S., Ziou, D., Benie, G.B. A competitive and cooperative neural network for line extraction 57529
Wang, S. *see* Heflin, J.R. 4091
Wang, S. *see* McCalley, J.D. 60311
Wang, S. *see* Schindler, S.M. 37451
Wang, S. *see* Yang, D. 13244
Wang, S.-B. *see* Shiratori, M. 30248
Wang, S.-C. *see* Shen, D.-F. 15602
Wang, S.-J., Horng, M.-D. State assignment of finite state machines for low power applications 11301
Wang, S.-Q. *see* Zhao, B. 2438
Wang, S.-Q. *see* Zhao, B. 22622
Wang, S.-Q. *see* Zhao, B. 32242
Wang, S.-Q. *see* Zhao, B. 42664
Wang, S.-Q. *see* Zhao, B. 42682
Wang, S.-X. *see* Kryder, M.H. 43676
Wang, S.C., Wang, C., Tu, Y.K., Hwang, C.J., Chi, S., Wang, W.H., Cheng, W.H. Effect of Au coating on joint strength in laser welding for Invar-Invar packages 217
Wang, S.C., Wang, C.M., Wang, C., Chang, H.L., Tu, Y.K., Hwang, C.J., Chi, S., Wang, W.H., Yang, Y.D., Cheng, W.H. Effect of thin film coating of Au on joint strength in Invar-Invar packages 12824
Wang, S.C. *see* Chen, Y.F. 14060
Wang, S.C. *see* Chen, Y.F. 44422
Wang, S.J., Cai, Y., Sato, M., Kawarada, H. Resampling of 3-D object range data by cube-based segmentation 56826
Wang, S.J. *see* Lee, Y.S. 51142
Wang, S.J. *see* Yao, Y.D. 3262
Wang, S.J. *see* Yao, Y.D. 43729
Wang, S.K. *see* Tzu-Chen Nung 27592
Wang, S.M., Karlsson, C., Rorsman, N., Bergh, M., Olsson, E., Andersson, T.G. Growth and characterization of metamorphic $In_xGa_{1-x}As/InAlAs$ ($x \geq 0.8$) modulation doped heterostructures on GaAs using a linearly graded In(AlGa)As buffer layer 52729
Wang, S.M., Karlsson, C., Rorsman, N., Bergh, M., Olsson, E., Andersson, T.G., Zirath, H. Material characterization and device performance of $In_{0.7}Al_{0.3}As$-InAs-$In_{0.8}Ga_{0.2}As$ HFET structures fabricated on GaAs 54690
Wang, S.M. *see* Bamberger, A. 7787
Wang, S.M. *see* Bamberger, A. 37358
Wang, S.Q. *see* Jung, H.D. 42381
Wang, S.S. *see* Silvester, J.A. 398
Wang, S.X., Huang, Y., Chen, V.C. 3-D ground truth reconstruction using 2-D ISAR imagery 8655
Wang, S.X. *see* Taratorin, A. 32842
Wang, S.Y. *see* Cavenett, B.C. 23709
Wang, T., Lin, H., Mossberg, T.W. Single sideband data retrieval using swept-carrier optical memory 3355
Wang, T., Lin, H., Mossberg, T.W. Experimental demonstration of temporal-waveform-controlled spatial routing of optical beams via spatial-spectral filtering 26728
Wang, T. *see* Lin, H. 13553
Wang, T.-P. *see* Wang, L.Y.-R. 6142
Wang, T.-S.F., Jason, A.J., Stevens, R.R., Jr Quadrupole slow-wave deflector for chopping charged-particle beams 37139
Wang, T.E. *see* Huang, J.C.A. 30824
Wang, T.F. *see* Harss, B. 49275
Wang, T.H., Ciszek, T.F., Reedy, R., Asher, S., King, D. Surface segregation as a means of gettering Cu in liquid-phase-epitaxy silicon thin layers grown from Al-Cu-Si solutions 30760
Wang, T.H. *see* Ciszek, T.F. 30694
Wang, T.J. Frequency division algorithm for multipath ghost cancellation 17046
Wang, T.J. *see* Ohshima, Y. 18083
Wang, T.Min Yih *see* Min Yih Wang, T.
Wang, T.S. *see* Chen, K.N. 11293
Wang, T.S. *see* Wangler, T.P. 49086
Wang, W., Guharay, S.K., Reiser, M., Dudnikov, V. Noiseless, high-current density H^- beam from a magnetron-type ion source 37178
Wang, W., Li, X., Lu, D. Structural codebook design and address-dependent vector quantization 35262
Wang, W., Li, X., Lu, D. Image sequence coding using selectively tree-structured vector quantization 35276
Wang, W., Tavlykaev, R., Ramaswamy, R.V. Bandpass traveling-wave Mach-Zehnder modulator in $LiNbO_3$ with domain reversal 55308
Wang, W. *see* Baker, R.D. 49835
Wang, W. *see* Brown, B.H. 18454
Wang, W. *see* Deng, R.H. 6017
Wang, W. *see* Guharay, S.K. 22713
Wang, W. *see* He, G. 19768
Wang, W. *see* Hu, Z. 35334
Wang, W. *see* Hymes, S. 42713
Wang, W. *see* Hymes, S. 42752
Wang, W. *see* Lo, S.-H. 54648
Wang, W. *see* Luo, Y. 23888
Wang, W. *see* Nopp, P. 18463
Wang, W. *see* Shenouda, B. 34282
Wang, W. *see* Shi, Y. 47949
Wang, W. *see* Surya, C. 2672
Wang, W. *see* Surya, C. 32434
Wang, W.-K., Tong, F. Efficient 3-dimensional vector-wave analysis of wavelength multiplexers using arrayed-waveguide gratings 26925
Wang, W.B. *see* Raisky, O.Y. 31971
Wang, W.B. *see* Yin, W.Y. 4329
Wang, W.H. *see* Chen, J.C. 3839
Wang, W.H. *see* Chen, J.C. 23923
Wang, W.H. *see* Cheng, W.H. 14503
Wang, W.H. *see* Wang, S.C. 217
Wang, W.H. *see* Wang, S.C. 12824
Wang, W.H. *see* Zhang Ming 32061
Wang, W.I. *see* Dai, Y.T. 12446
Wang, W.I. *see* Yang, Z. 21268
Wang, W.I. *see* Zhao, Y. 54677
Wang, W.K. *see* Ming Zhang 888
Wang, W.K. *see* Zhang Ming 32061
Wang, W.L. *see* Polo, M.C. 40600
Wang, W.N., Fox, N.A., Davis, T.J., Richardson, D., Lynch, G.M., Steeds, J.W., Lee, J.S. Growth and field emission properties of multiply twinned diamond films with quintuplet wedges 10832
Wang, W.N., Fox, N.A., Richardson, D., Lynch, G.M., Steeds, J.W. Field emission properties of diode devices based on amorphic diamond-Si heterojunctions 32356
Wang, W.S. *see* Aggarwal, M.D. 10631
Wang, W.S. *see* Darwish, A.M. 24272
Wang, X., Meuleman, L., Heens, B., Froidure, J.-C., Megret, P., Blondel, M. Bistability and dynamic transient in active fibre-Bragg gratings 44747
Wang, X., Stavrakakis, I. Study of multiplexing for group-based quality of service delivery 35400
Wang, X. *see* Campbell, S.A. 2694
Wang, X. *see* Gevorgian, S. 11755
Wang, X. *see* Irisarri, G.D. 50299
Wang, X. *see* Kim, D.Y. 55362
Wang, X. *see* Lu, F. 54148
Wang, X. *see* Meuleman, L. 6739
Wang, X. *see* Silver, D. 15574
Wang, X. *see* Zhao, J.P. 40630
Wang, X.-J. *see* van Steenbergen, A. 49031
Wang, X.-L., Ogura, M., Matsuhata, H. Fabrication of highly uniform AlGaAs/GaAs quantum wire superlattices by flow rate modulation epitaxy on V-grooved substrates 30822
Wang, X.B., Kilduff, P.D.F. Ensuring competitive product design with TeamWorking Coordination 10012
Wang, X.B. *see* Low, B.I. 30938
Wang, X.F. *see* Fields, D.E. 59301
Wang, X.F. *see* Periasamy, A. 7925
Wang, X.H. *see* Fu, G.S. 40642
Wang, X.H. *see* Ling, C.C. 8088
Wang, X.J. *see* Liu, Y. 18017
Wang, X.S. *see* Shi, Y. 12346
Wang, X.S. *see* Xu, W.L. 27902
Wang, X.W. *see* Lee, D.H. 40538
Wang, X.W. *see* Orloff, S. 852
Wang, X.W. *see* Tenpas, E.W. 10866
Wang, Y., Bhattacharya, P. Gray connected components and image segmentation 35126
Wang, Y., Bhattacharya, P. Hierarchical stereo correspondence using features of gray connected components 56637
Wang, Y., Chen, X., Xie, K., Chen, C., Yue, R., Liu, Z. Study of Ni/AlN & Ni/mullite interface reactions by X-ray photoelectron spectroscopy 10176
Wang, Y., Herron, N. Semiconductor nanocrystals in carrier-transporting polymers: charge generation and charge transport 33231
Wang, Y., Wang, Z., Jing, L., Liang, Y. A new method for moving object detection in airborne SAR 16962
Wang, Y. *see* Bengtsson, J. 5857
Wang, Y. *see* Chan, Y.C. 11754
Wang, Y. *see* Chen, Q. 15785
Wang, Y. *see* Croce, F. 29561
Wang, Y. *see* Firon, M. 52771
Wang, Y. *see* Funakubo, N. 15562
Wang, Y. *see* Ghoshroy, S. 7673
Wang, Y. *see* He, B. 59709
Wang, Y. *see* Heinrich, S.M. 30236
Wang, Y. *see* Lee, D.M. 59268
Wang, Y. *see* Liu, F. 15784
Wang, Y. *see* Lu Liwu 32005
Wang, Y. *see* Lu Liwu 32006
Wang, Y. *see* Ma, P. 2609
Wang, Y. *see* Odeh, A. 47125
Wang, Y. *see* Pong Chen 7839
Wang, Y. *see* Tseng, K.J. 32646
Wang, Y. *see* von Staa, F. 3103
Wang, Y. *see* Wu, J.W. 23196
Wang, Y. *see* Wu, J.W. 23197
Wang, Y. *see* Xu, Z.Y. 2215
Wang, Y. *see* Zhao, Y. 33800
Wang, Y. *see* Zhou, X. 14671
Wang, Y. *see* Zhu, C. 19151
Wang, Y. *see* Zhu, W. 49548
Wang, Y. *see* Zhu, Z. 13077
Wang, Y.-F. *see* Kuo, M.-T. 41084
Wang, Y.-Y. *see* Chang, J.-F. 46955
Wang, Y.B., Yuan, R.K., Willander, M. Capacitance of semiconductor-electrolyte junction and its frequency dependence 12605
Wang, Y.C. *see* Hwang, J.S. 22328
Wang, Y.G. *see* Xiu-Feng Han 43628
Wang, Y.H. *see* Chu, J. 48667
Wang, Y.H. *see* Sze, P.W. 12243
Wang, Y.J., Lu, S.S. Ultra-high speed 1 μm V-gate GaAs MESFET with cutoff frequency up to 47 GHz by 2D simulation 41441
Wang, Y.J., Meng, C.C. Optimal design of p-buffer layer for GaAs power MESFET 13010
Wang, Y.J. *see* Iwanczyk, J.S. 37327
Wang, Y.J. *see* Patt, B.E. 37341
Wang, Y.J. *see* Patt, B.E. 37344
Wang, Y.L. *see* Wang, J.B. 2310
Wang, Y.N. *see* Gong, F.F. 2861
Wang, Y.P. *see* Prakash, V. 30320
Wang, Y.Q. *see* Giedd, R.E. 10964
Wang, Y.Q. *see* Yang, D.H. 27322
Wang, Y.R. *see* Iijima, T. 37238
Wang, Y.S., Griffiths, B.J., Wilkie, B.A. A novel system for coloured object recognition 15759
Wang, Y.S. *see* Yamashita, H. 23132
Wang, Y.X. *see* Osterwald, C.R. 39167
Wang, Y.Y., Chiang, F.P. Experimental study of three-dimensional residual stresses in rails by moire interferometry and dissecting methods 21403
Wang, Y.Y. *see* Jin, B.B. 11698
Wang, Y.Y. *see* Shang, E.C. 18868
Wang, Y.Y. *see* Yang, C.H. 12817
Wang, Y.Y. *see* Yang, C.R. 29537
Wang, Y.Y. *see* Zhang, J.P. 42308
Wang, Y.Z. *see* Gebler, D.D. 44264
Wang, Y.Z. *see* Wang, H.L. 13874
Wang, Z., Dowling, E.M. Stochastic conjugate gradient constant modulus blind equalizer for wireless communications 6554
Wang, Z., Jensen, N.G., Franck, T., Bodtker, E., Moller-Larsen, A., Nielsen, J.M., Christensen, B., Brorson, S.D., Norregaard, J. High performance monolithic colliding-pulse-modelocked lasers applicable in ultra-fast optical communication systems 23939
Wang, Z., Nakamura, Y. A spin-valve memory cell 3199
Wang, Z., Rao, R.K., Nandy, D., Ben-Arie, J., Jojic, N. A generalized expansion matching based feature extractor 5345
Wang, Z. *see* Ben-Arie, J. 5137
Wang, Z. *see* Brorson, S.D. 23937
Wang, Z. *see* Etienne, B. 810
Wang, Z. *see* Lee, D.M. 59268
Wang, Z. *see* Nandy, D. 25410
Wang, Z. *see* Otooni, M.K. 10926
Wang, Z. *see* Park, D.-G. 42312
Wang, Z. *see* Park, D.G. 54663
Wang, Z. *see* Tonouchi, M. 43745
Wang, Z. *see* Vieu, C. 40622
Wang, Z. *see* Wang, Y. 16962
Wang, Z. *see* Zhang, D. 46065
Wang, Z.-C., Yoshizuka, H., Takano, K., Hara, M. Bubble behavior and breakdown characteristics in LHe under simulating quench condition of SC magnet 13523
Wang, Z.-C. *see* Hara, M. 23138
Wang, Z.-G. Numerical estimation of high bit rate performances of ultrahigh speed data decision and demultiplexing ICs 31156
Wang, Z.-G., Berroth, M., Thiede, A., Rieger-Motzer, M., Hofmann, P., Hulsmann, A., Kohler, K., Raynor, B., Schneider, J. 40 and 20 Gbit/s monolithic integrated clock recovery using a fully-balanced narrowband regenerative frequency divider with 0.2 μm AlGaAs/GaAs HEMTs 1545
Wang, Z.-G., Berroth, M., Thiede, A., Rieger-Motzer, M., Jakobus, T., Hulsmann, A., Kohler, K., Raynor, B. 40 GHz monolithically-integrated fully-balanced VCO using 0.3 μm HEMTs 41477
Wang, Z.-G. *see* Berroth, M. 36182
Wang, Z.C. *see* Shi, B. 30639
Wang, Z.D. *see* Tang, H.X. 3294
Wang, Z.D. *see* Zhu, J.-X. 31955
Wang, Z.G. *see* Chen, Y.H. 32439
Wang, Z.G. *see* Fan, W. 42404
Wang, Z.G. *see* Zou Lyufan 54355
Wang, Z.J. *see* Przekwas, A.J. 289
Wang, Z.L. *see* Yang, T. 55439
Wang Anding *see* Cui Jingan 38451
Wang Aojin *see* He Junfang 23659
Wang Baohui, Wang Dejun, Cao Yunwei, Chai Xiangdong, Geng Xinhua, Li Tiejin Modification and photosensitization of hydrogenated amorphous silicon with a LB film of dipyridine derivatives 33232
Wang Baohui *see* Zhang Jie 33233
Wang Baoping *see* Baoping Wang
Wang Baoyun *see* Baoyun Wang
Wang Ben *see* Ben Wang
Wang Benzhong *see* Chen Songyan 40462
Wang Biao *see* Zhou Peiming 23443
Wang Bin *see* Wang Xiaoyan 58121
Wang Bin *see* Bin Wang
Wang Bing, Bai Yonglin Computer-generated hologram for information encoding and decoding 14424
Wang Bing *see* Zhao Yunlong 37476
Wang Bing *see* Bing Wang
Wang Bing-Zhong *see* Bing-Zhong Wang
Wang Bingquan *see* Bingquan Wang
Wang Bo *see* Liao Guisheng 25150
Wang Bo *see* Wang Jianbing 27143
Wang Bo *see* Wu Yanjun 59431
Wang Bohan *see* Zhang Xinping 13257
Wang Bor-Chin *see* Bor-Chin Wang
Wang Bor-Tsuen *see* Bor-Tsuen Wang

Wang Boxiang *see* Boxiang Wang
Wang Boxiong *see* Boxiong Wang
Wang Buhua *see* He Nanqiang 28739
Wang Caihua *see* Caihua Wang
Wang Chang-Jong *see* Chang-Jong Wang
Wang Changhai *see* Changhai Wang
Wang Changhua *see* Nie Shiqi 12066
Wang Changjiang, Li Fahai The analysis and design of the speed sensorless vector control AC drive system for induction motor 51663
Wang Changqing *see* Kang Gang 37920
Wang Changqing *see* Shen Deyuan 3791
Wang Changqing *see* Sheq Deyuan 3764
Wang Chao-Ming *see* Chao-Ming Wang
Wang Chaobao Full-temperature automatic compensation and parameter determination of a super-precision miniature specific electric machine 60823
Wang Chen *see* Chen Wang
Wang Chen-Chia *see* Chen-Chia Wang
Wang Cheng-Gang *see* Cheng-Gang Wang
Wang Cheng-Ping *see* Cheng-Ping Wang
Wang Cheng-Shan *see* Cheng-Shan Wang
Wang Cheng-Yi *see* Cheng-Yi Wang
Wang Chengfei *see* Chengfei Wang
Wang Chengyou, Tang Shuqi, Liang Diannong, Chen Huihuang, Tang Chaojing Methods for combining the information of various features in speech recognition 56406
Wang Chi *see* Chi Wang
Wang Chia-Chi *see* Chia-Chi Wang
Wang Chia-Ching *see* Chia-Ching Wang
Wang Chia-Hui *see* Chia-Hui Wang
Wang Chien-Ya *see* Chien-Ya Wang
Wang Chin-Liang *see* Chin-Liang Wang
Wang Chin-Tun *see* Lin Ruey-Shiung 59828
Wang Ching Chyr *see* Ching Chyr Wang
Wang Ching-Cheng *see* Ching-Cheng Wang
Wang Ching-Huang *see* Ching-Huang Wang
Wang Ching-Jone *see* Ching-Jone Wang
Wang Ching-Yi *see* Ching-Yi Wang
Wang Ching-Yue *see* Ching-Yue Wang
Wang Chingyue *see* Pan Xiaoning 44430
Wang Chiyu *see* Lee Chingting 40377
Wang Chorng-Kuang *see* Chorng-Kuang Wang
Wang Chu *see* Zhang Kan 47902
Wang Chua-Chin *see* Chua-Chin Wang
Wang Chuan *see* Chuan Wang
Wang Chuan Fu *see* Chuan Fu Wang
Wang Chuan-Pwu *see* Chuan-Pwu Wang
Wang Chuangshe, Pei Shubao, Wang Zhao, Luo Deyuan, Yue Kaiduan, Tan Yushan The design of two dimensional color grating image 58902
Wang Chuangshe *see* Wang Zhao 27799
Wang Chuangshe *see* Yue Kaiduan 17823
Wang Chun *see* Chun Wang
Wang Chun-Chieh *see* Chun-Chieh Wang
Wang Chun-Fu *see* Chun-Fu Wang
Wang Chun-Lei *see* Gu Chang-Zhi 31768
Wang Chunfeng, Li Guangquian, Wang Shitong, Wang Xiaolei Nash strategies in nonsmooth dynamic multiperson decision problems 21039
Wang Chung-Chei *see* Chung-Chei Wang
Wang Chunhai *see* Chunhai Wang
Wang Chunhua, Zhang Jinghua, Li Li Improvement of measurement resolution of low-coherence OFS by optical heterodyne modulation 48609
Wang Congfangg, Zhao Xiongyan, Chen Huiying, Ai Xicheng, Xia Zongju, Zou Yinghua Ultrafast optical Kerr effect of polybenzonitrile 33610
Wang Congxiu *see* Zhang Zhisheng 17319
Wang Dajun *see* Sun Dongchang 32765
Wang Dajun *see* Dajun Wang
Wang Dan The intelligent temperature control system for resistance furnace 29878
Wang Dao *see* Wang Huiqiang 47066
Wang Dazhong, Wang Shenghe, Zhou Weimin Simulation of ferromagnetic elements with hysteresis in the electro-magnetic transient calculation in power system 28735
Wang Dazhong, Xu Wen, Zhou Zecun, Chen Heng Application of fuzzy set theory, expert systems and artificial neural networks in faults diagnosis of power transformers 19786
Wang De-Man *see* De-Man Wang
Wang De-Ren *see* De-Ren Wang
Wang De-Zhen *see* De-Zhen Wang
Wang Dejun *see* Wang Baohui 33232
Wang Dejun *see* Zhang Jie 33233
Wang DeLiang *see* DeLiang Wang
Wang Deming A fuzzy-based improvement algorithm of MUSIC 4834
Wang Dengan *see* Zhang Zhonghua 17148
Wang Ding *see* Pan Wu 44792
Wang Ding *see* Ding Wang
Wang Dingxing *see* Dingxing Wang
Wang Dingzhong, Su Shaochun On the necessity of improving lightning protection for power system communication station–using semiconductor lightning eliminator to protect microwave communication station against direct lightning stroke 16524
Wang Dong-Xue *see* Dong-Xue Wang
Wang Dongmei *see* Dongmei Wang
Wang Dongming *see* Dongming Wang
Wang Dongsheng *see* Dongsheng Wang
Wang Dusheng, Fab Changxin Research on low delay code excited linear predictive speech coding at 16 kbps 45666
Wang Fang *see* Jiang Junzhang 21840
Wang Fang-Shing *see* Fang-Shing Wang
Wang Fangzi *see* Dai Shiliang 49373
Wang Fangzong, Liu Youer, Cheng Ming Parallel implementation of transient stability simulation on a transputer network 28741
Wang Faqiang, Yang Xianglin Influence of amplified spontaneous emission noise on a soliton transmission system with amplitude modulation control 4049
Wang Farn *see* Farn Wang
Wang Fei, Ma Changwen, Bo Jinha, Zhang Youjie, Jiang Shengyao Study on pressure drop characteristic of natural circulating two-phase flow system 38499
Wang Feng, Shi Lei, Yao Dongsheng, Liu Jingru, Zhao Xueqing, Yi Aiping, Qiu Aici Development of a rectangular pulsed magnetic coil used in the experiment of excimer laser 24035
Wang Feng *see* Feng Wang
Wang Feng-Hsu *see* Feng-Hsu Wang
Wang Fengyao The correlation flowmeter implemented by sine wave ultrasonic transducer and 8098 single chip computer 58708
Wang Fengzhi *see* Fengzhi Wang
Wang Fo-Song *see* Ma Dong-Ge 44284
Wang Fosang *see* Fosang Wang
Wang Fosong *see* Ma Shuhua 29588
Wang Fosong *see* Fosong Wang
Wang Fu-Ming *see* Hong Ying-Yi 60215
Wang Fusheng *see* Li Quanfeng 8087
Wang Fuweng, Wang Haiyun Developing technology for TMS320 series processors supervisor software 53338
Wang Fuweng *see* Chen Yan 57387
Wang Gang, Xu Xiaofei, Gao Guoan The client/server-based distributed architecture of a CIM intelligent integrating platform 47009
Wang Gaofeng *see* Gaofeng Wang
Wang Ge *see* Ge Wang
Wang Geng *see* Geng Wang
Wang Gengguo, Zhu Jiazhen The relativistic effects of electromagnetic wave in moving plasma 14618
Wang Genyuan *see* Genyuan Wang
Wang Guangen *see* Pan Zhijian 58494
Wang Guangjie, Sheng Shimin, Ji Lijiu New efficient design of digital comparator 53149
Wang Guangming *see* Guangming Wang
Wang Guangwei *see* Li Yun 37047
Wang Guangxing *see* Wang Yuexian 26220
Wang Guanjie *see* Wang Yanling 38328
Wang Guicheng, Fang Zhigao, Hong Jun, Sun Baogen, Zhao Feng, Zhang Danhong, Zhou Yuehua, Wu Jinqi Characteristics of short pulse grid pulser for an electron LINAC 7828
Wang Guicheng *see* Fang Zhigao 59120
Wang Guicheng *see* Xie Rongsheng 59102
Wang Guide *see* Fu Ying 38219
Wang Guide *see* Qiu Xiaoyan 50374
Wang Guifen *see* Tian Jingquan 7417
Wang Guirong, Tian Shihong, Yang Zhenhua Simulation of hybrid wiggler with six layers and side-blocks 24373
Wang Guiying *see* Guiying Wang
Wang Guoliang *see* Fan Shuwei 19785
Wang Guoyou *see* Guoyou Wang
Wang Guozhao, Bai Baogang, Tong Ruofeng A vector blending approach for computer animation 52532
Wang Guozhi *see* Cheng Duo 24298
Wang Hai-Feng *see* Hai-Feng Wang
Wang Haihong, Zhang Mingchun, Yang Shuting, Zhao Linzhi, Ding Li Preparation and properties of electrochromic tungsten oxide film 823
Wang Haijun *see* Liu Linmao 33852
Wang Haiming *see* Haiming Wang
Wang Haiyin *see* Haiyin Wang
Wang Haiyou *see* Zhou Qingjie 29507
Wang Haiyun *see* Wang Fuweng 53338
Wang Hanlin *see* Hanlin Wang
Wang Hao *see* Hao Wang
Wang Haocai *see* Zhang Huaiwu 13449
Wang He *see* Xin-Cheng Gao 53313
Wang Hong *see* Xia Yi-Ben 855
Wang Hong *see* Hong Wang
Wang Hong-Shung *see* Hong-Shung Wang
Wang Hongbin *see* Yi Rongqing 28055
Wang Hongtao *see* Hongtao Wang
Wang Hongwei *see* Liu Zheng 2283
Wang Hongyu *see* Hongyu Wang
Wang Hongze *see* Deng Jixaing 50314
Wang Hongzhou *see* Hongzhou Wang
Wang Houng-Jyh *see* Houng-Jyh Wang
Wang Houwen A combinatory field achromatic 270° deflection system 17920
Wang Hsiao-Chuan *see* Hsiao-Chuan Wang
Wang Hsiao-Fan *see* Hsiao-Fan Wang
Wang Hsin-Min *see* Hsin-Min Wang
Wang Hua-Gang *see* Hua-Gang Wang
Wang Huabing *see* Wu Peiheng 13501
Wang Huanzhao, Lu Lina, Suo Jianqin An real-time communication mechanism in a multi-microcomputer emulation system 29083
Wang Hui, Luo Jiong Method of mixed-mode circuit and device simulation 1072
Wang Hui *see* Yang Huazhong 2766
Wang Hui *see* Yang Huazhong 13094
Wang Hui-Sheng *see* Hui-Sheng Wang
Wang Hui-Yun *see* Hui-Yun Wang
Wang Huili *see* Huili Wang
Wang Huiqiang, Yin Zhenliang, Wang Dao A parallel and fault-tolerant LAN with dual communication subnetworks 47066
Wang Huiyun *see* Yang Zhenjiang 49646
Wang Hung-Yu *see* Hung-Yu Wang
Wang Jeng-Shiann *see* Jeng-Shiann Wang
Wang Jeng-Yih *see* Jeng-Yih Wang
Wang Jhing-Fa *see* Jhing-Fa Wang
Wang Ji *see* Ji Wang
Wang Jia, Zhang Enyao Applications of laser vibrometer in vibration measurement of microstructures 48937
Wang Jia *see* Jia Wang
Wang Jia-Ping *see* Jia-Ping Wang
Wang Jian *see* Ye Bing 58984
Wang Jian *see* Jian Wang
Wang Jian-Hua, Yu Guang-Rui, Jin Feng, Li De-Jie Partial disordering of GaAs/AlGaAs quantum well by rapid thermal annealing 2143
Wang Jian-Ming, Gu Tai, Huang Yun, Tang Wei A 2 K-gate high performance merged complementary BiCMOS gate array 53154
Wang Jian-She *see* Jian-She Wang
Wang Jianan *see* Jianan Wang
Wang Jianbing, Xie Shizhong, Sun Chengcheng, Liu Fenghai, Wang Bo, Zhou Bingkun Optical fiber transmission of digital TV 27143
Wang Jianbing *see* Xie Shizhong 20835
Wang Jiang, Zhang Li, Wu Aiguo Research of a novel soft switched inverter circuit topology 19876
Wang Jiang-Tao *see* Jiang-Tao Wang
Wang Jianguo *see* Jiang Jianling 37299
Wang Jianhua, Zhao Liping, Zeng Fenfang, Huang Guojian A new method of machine vision preprocessing based on cellular neural networks 25323
Wang Jianhua *see* Jianhua Wang
Wang Jianli *see* Pan Hongge 23296
Wang Jianping *see* Yuan Weidong 28547
Wang Jianqiang Yang Rijie *see* Yang Rijie Wang Jianqiang
Wang Jianquan *see* Wang Weisheng 28740
Wang Jianrong *see* Jianrong Wang
Wang Jiansheng *see* Pan Xiaoning 44430
Wang Jianxin *see* Jianxin Wang
Wang Jiawang, Zhao Qi, Chen Yanru, Nie Shouping The influence of Hadamard coding on the error in laser coding synthetic aperture imaging 48129
Wang Jiayou *see* Guo Siji 4072
Wang Jiazhang *see* Feng Zhenghe 58461
Wang Jicheng *see* Jicheng Wang
Wang Jie *see* Jie Wang
Wang Jieping, Long Diguang, Wang Qinping High-frequency CB process and very high-speed integrated operational amplifier 53055
Wang Jihong *see* Xie Rongsheng 59102
Wang Jimei *see* Jia Shenli 29461
Wang Jimei *see* Jin Li 29472
Wang Jimei *see* Wang Zhongyi 29470
Wang Jimei Study on 12 kV outdoor vacuum switch with replaceable HRC element drop out fuse 29501
Wang Jin-Cheng *see* Jin-Cheng Wang
Wang Jin-Liang *see* Jin-Liang Wang
Wang Jin-Long *see* Jin-Long Wang
Wang Jin-Song *see* Jin-Song Wang
Wang Jin-Suk *see* Jin-Suk Wang
Wang Jing, Deng Ximin, Miao Zhongli, Liu Guofan, Yang Shuren Preparation and characterization of GaP/Si heterojunction 774
Wang Jing, Weng Liangjun, Cheng Jingzhi An adaptive algorithm for accurate estimation of pulse-wave velocity and attenuation 59380
Wang Jing *see* Wu Yanjun 59431
Wang Jing *see* Xiao Weimin 45258
Wang Jing *see* Yan Shanchang 26101
Wang Jing *see* Jing Wang
Wang Jing-Yi *see* Jing-Yi Wang
Wang Jingcong *see* Jingcong Wang
Wang Jinghong *see* Jinghong Wang
Wang Jinghua *see* Jinghua Wang
Wang Jingjin *see* Kang Kejun 4928
Wang Jingshan *see* Jingshan Wang
Wang Jinrong *see* Jinrong Wang
Wang Jinshu *see* Zhou Meiling 31685
Wang Jinsong *see* Jinsong Wang
Wang Jinsuk *see* Jinsuk Wang
Wang Jiyang *see* Zhao Hua 33715
Wang Jiyang *see* Jiyang Wang
Wang Jueying *see* Zhang Qiping 60243
Wang Jun, Cheng Fenshi An application of wavelet transform in signal waveform detection 34851
Wang Jun, Fan Hua, Tan Yushan Optical fibre phase-stepping DSPI for measurement of 2-D in-plane displacement 27908
Wang Jun *see* Mao Zepu 59254
Wang Jun *see* Jun Wang
Wang Jun Yi *see* Jun Yi Wang
Wang Jun-Min *see* Zhang Tian-Cai 44442
Wang Jun-Min *see* Zhao Jian-Ming 44791
Wang Junhong, Jian Shuisheng, Ren Lang Analysis and optimization of curvilinear dipole arrays with finite-size plate-reflectors 14741
Wang Junmin *see* Junmin Wang
Wang Junqing *see* Junqing Wang
Wang Junxian *see* Junxian Wang
Wang Junying *see* Yao Zhixin 3701
Wang Jye-Shyang *see* Jye-Shyang Wang
Wang Jyh-Cheng *see* Jyh-Cheng Wang

Wang Jyh-Ming *see* Jyh-Ming Wang
Wang Jyhming, Sun Yuhmaoh, Wu Mengchyi High-quality $Ga_{1-x}In_xAs_ySb_{1-y}$ quaternary layers grown from antimonide-rich solutions by liquid-phase epitaxy 41946
Wang Kaiyuan *see* Tang Jieying 54040
Wang Ke, Yu Zhien, Yang Shuhua Focusing projection algorithm of image reconstruction 46135
Wang Ke *see* Yu Zhien 46134
Wang Ke-Ming *see* Ke-Ming Wang
Wang Keda *see* Keda Wang
Wang Keqing *see* Zhou Yaqin 36957
Wang Ketai *see* Tang Jiyue 55923
Wang Kezhi, Ouyang Min, Zhang Haoxu, Xue Zengquan, Huang Chunhui, Qiang Di A novel C_{60}-containing electrical switching thin film 32097
Wang Kou-Ming *see* Kou-Ming Wang
Wang Kuang-Yeh *see* Kuang-Yeh Wang
Wang Kuansan *see* Kuansan Wang
Wang Kuiru *see* Xia Zonghuang 44012
Wang Kun *see* Kun Wang
Wang Kun-Chieh *see* Kun-Chieh Wang
Wang Kunrong *see* Kunrong Wang
Wang Kuo-Hua *see* Kuo-Hua Wang
Wang Kuochen *see* Kuochen Wang
Wang Kuoping *see* Kuoping Wang
Wang Lei, Mo Yulong Analyses of restoring motion-blurred images based on self-feedback continuity Hopfield neural network 57382
Wang Lei *see* Lei Wang
Wang Lejun *see* Lejun Wang
Wang Li *see* Li Wang
Wang Li-Chun *see* Li-Chun Wang
Wang Li-Fang *see* Li-Fang Wang
Wang Li-Ren *see* Li-Ren Wang
Wang Li-Rong *see* Li-Rong Wang
Wang Li-Shuenn *see* Li-Shuenn Wang
Wang Lifang *see* Liu Zhanwen 37169
Wang Lihong *see* Lihong Wang
Wang Lijun, Yang Yihe, Zhao Yigong, Xiang Jianyong Application of fractal theory to air-target recognition 5266
Wang Lijun, Yang Yihe, Zhao Yigong, Xiang Jianyong Application of high-order fractal feature to target feature extraction 5267
Wang Lijun *see* Guo Siji 4072
Wang Like *see* Cao Rongzhang 38637
Wang Like *see* Lin Feng 28770
Wang Like *see* Wang Xiaohong 28742
Wang Limei, Fu Qiang, Guo Qingding, Luo Ruifu An easy-to-use interface for the simulation design of variable-reluctance stepping motor characteristics 51062
Wang Limei *see* Guo Qingding 50948
Wang Lin-Cheng *see* Lin-Cheng Wang
Wang Lin-Wang *see* Lin-Wang Wang
Wang Ling, Ren Gonghai, Gao Deyuan Developing plug and play 5250-TA chip with FPGA 53144
Wang Ling-Ling *see* Ling-Ling Wang
Wang Linjun *see* Sang Wenbin 10683
Wang Liping *see* Liping Wang
Wang Lipo *see* Lipo Wang
Wang Lishing, Zhu Gencai Fuzzy temperature control system based on the semiconductor cooler 21897
Wang Liu Hong *see* Liu Hong Wang
Wang Liu-Sheng *see* Liu-Sheng Wang
Wang Long *see* Long Wang
Wang Long-Ching *see* Long-Ching Wang
Wang Lusheng *see* Lusheng Wang
Wang Maosen, Niu Lirong, Yu Shuyong, Liu Jun, Yao Dongjin Quasi-monolithic Ka-band VCOs using pseudomorphic AlGaAs/InGaAs/GaAs HEMTs 53677
Wang Mei-Ya *see* Mei-Ya Wang
Wang Meiyi Thoughts and feelings about the significant power failures occurred in Western part of the USA 8817
Wang Meiyuan *see* Meiyuan Wang
Wang Miao-Ling *see* Miao-Ling Wang
Wang Mill-Jer *see* Mill-Jer Wang
Wang Mimgjun *see* Liu Guangyi 60376
Wang Min *see* Zhang Chunming 61109
Wang Min-Gou *see* Min-Gou Wang
Wang Ming *see* Miyashita, T. 41013
Wang Mingjuan *see* Zhao Yougiun 54707
Wang Mingjun *see* Liu Guangyi 50536
Wang Mingjun *see* Wu Yusheng 50371
Wang Mingjun *see* Yu Erkeng 19294
Wang Mingyan, Zhong Bogang, Huang Zhaohua, Li Fahai, Wang Yaoming Knowledge model for electrical machines design 9251
Wang Minsheng *see* Minsheng Wang
Wang Mu-Zhong *see* Mu-Zhong Wang
Wang Muzhong *see* Muzhong Wang
Wang Naibin *see* Naibin Wang
Wang Ning *see* Ning Wang
Wang Ningsheng *see* Zhang Jie 20782
Wang Pei *see* Pei Wang
Wang Peigang *see* Wang Zimeng 17390
Wang Peiguang Boundary value problem of a third-order mixed type differential-difference equation 10509
Wang Peiqing *see* Wang Xiaobin 54616
Wang Peiqing *see* Peiqing Wang
Wang Peir-Jyh *see* Peir-Jyh Wang
Wang Peng-Ye *see* Peng-Ye Wang
Wang Pengqian, Tian Cechan, Li Jing, Sun Taoheng Generation of broadly tunable coherent VUV/XUV radiations in Xe and Kr 14301
Wang Pengqian *see* Pengqian Wang
Wang Ping Transformer fault fuzzy diagnosis based on the fuzzy synthetic judgement 38799
Wang Ping, Feng Nwi, Yang Xiejun, Huang Zailu The key techniques in implementation of TUP maintenance part in SS7 57764
Wang Ping, Xie Jun A novel recognition method for electronic nose using artificial neural network and fuzzy recognition 48724
Wang Ping *see* Ping Wang
Wang Ping-Tsung *see* Ping-Tsung Wang
Wang Pu *see* Pan Heng-Fu 3792
Wang Pu *see* Pu Wang
Wang Qi *see* Lu Zhiwei 14411
Wang Qi *see* Xu Hu-Shan 18113
Wang Qi *see* Qi Wang
Wang Qi-Yuan *see* Qi-Yuan Wang
Wang Qiang *see* Qiang Wang
Wang Qiangyue *see* Zhang Shukui 23872
Wang Qiao-Min *see* Qiao-Min Wang
Wang Qidong *see* Pan Hongge 23296
Wang Qidong *see* Qidong Wang
Wang Qiming Semiconductor photonics 3435
Wang Qiming *see* Wang Xiaojun 22401
Wang Qiming *see* Qiming Wang
Wang Qing *see* He Xingdao 44775
Wang Qing *see* Qing Wang
Wang Qingkang The effect of a wave modulated by the symmetrical condensed node TLM mesh in three dimensions 14551
Wang Qingnan *see* Qingnan Wang
Wang Qingpu *see* Zhao Shengzhi 23859
Wang Qingpu *see* Qingpu Wang
Wang Qingwu, Sheen, D.B., Sherwood, J.N., Simpson, G.S. Fabrication and characterization of organic crystalline thin films for integrated optical applications 13683
Wang Qingyue *see* Shen Yuzhen 33462
Wang Qingyue *see* Sun Hong 3928
Wang Qinping *see* Wang Jieping 53055
Wang Qiping *see* Qiping Wang
Wang Qiuliang, An Chenwu, Wang Youqing, Li Zaiguang Studying of a transformer-type persistent current switch used in superconducting magnetic energy storage system 39254
Wang Quanshu *see* Jao Zhixian 53619
Wang Ran, Wu Cheng An on-line scheduler for semiconductor fabrications 20812
Wang Ren-Hong *see* Ren-Hong Wang
Wang Renhua, Jiang Hui Forward and backward hidden Markov model with their applications to continuous speech recognition 15104
Wang Risheng *see* Guo Siji 4072
Wang Rong *see* Rong Wang
Wang Ronghua *see* Gu Shulin 30905
Wang Ronghua *see* Ronghua Wang
Wang Rongqing *see* Zhao Junwei 58492
Wang Ruhua *see* Lin Ruisen 39431
Wang Rui *see* Xu Liming 50636
Wang Rui *see* Rui Wang
Wang Rui-Hua *see* Pan Heng-Fu 3792
Wang RuiKang *see* RuiKang Wang
Wang Ruiping *see* Ruiping Wang
Wang Ruizhong *see* Ruizhong Wang
Wang Runwen *see* Cheng Zhaogu 3699
Wang Runwen *see* Shao Jianda 27910
Wang Ruoxu A monolithic 16-bit A/D converter 53356
Wang Ruoxu A study on a monolithic 12-bit successive approximation A/D converter 53378
Wang Ruozhen *see* Liu Wei 32456
Wang Sanhu *see* Xu Guozhong 14527
Wang Shanli, Yang Jianrong, Guo Shiping, Yu Meifang, Chen Xinqiang, Fang Weizheng, Qiao Yimin, Yuan Shixin, He Li, Zhang Qinyao, Ding Ruijun, Xin Tianling A study of MBE technology for p-type long wavelength $Hg_{1-x}Cd_xTe$ 10788
Wang Shaohong *see* Shaohong Wang
Wang Shaomin *see* Shaomin Wang
Wang Shaoyun *see* Shaoyun Wang
Wang Shen *see* Shen Wang
Wang Sheng-De *see* Sheng-De Wang
Wang Shenghe *see* Wang Dazhong 28735
Wang Shengli A split M-D DFT fast algorithm 15151
Wang Shengping *see* Ren Guoquan 24305
Wang Shi *see* Kang Kejun 4928
Wang Shi-Qing *see* Shi-Qing Wang
Wang Shichang Bent function and the finite state machine combiner in stream ciphers 4519
Wang Shiguang *see* Shiguang Wang
Wang Shih Wei *see* Shih Wei Wang
Wang Shih-Cheng *see* Shih-Cheng Wang
Wang Shih-Liang *see* Shih-Liang Wang
Wang Shih-Wei *see* Shih-Wei Wang
Wang Shimin *see* Gu Haoshuang 3318
Wang Shinan *see* Shinan Wang
Wang Shinn-Fwu *see* Shinn-Fwu Wang
Wang Shitong *see* Wang Chunfeng 21039
Wang Shoubai *see* Shoubai Wang
Wang Shoukai *see* Shoukai Wang
Wang Shouqi *see* Shouqi Wang
Wang Shu-Hong *see* Shu-Hong Wang
Wang Shuhua *see* Yang Li 28548
Wang Shujun, Zhang Yun, Yang Leiling, Liu Qingguo The effect of carbonizing conditions on the capacity of carbon anodes derived from poly(p-phenylene) 29589
Wang Shumin *see* Tong Yuzhen 54082
Wang Shuming Tong *see* Shuming Tong Wang
Wang Shuyan *see* Cheng Duo 24298
Wang Shuyan *see* Shan Bing 17472
Wang Shyi-Wen *see* Shyi-Wen Wang
Wang Song, Q., Yu-He Zhang Lensless holographic imaging using a bacteriorhodopsin film 24275
Wang Song Qi *see* Qi Wang Song
Wang Songtao *see* Zhao Shengzhi 23859
Wang Songtao *see* Songtao Wang
Wang Sying-Jyan *see* Sying-Jyan Wang
Wang Tahui *see* Tahui Wang
Wang Tao, Lin Zongkai, Guo Yuchai On process communication of remote database access and its implementation 16223
Wang Terence *see* Terence Wang
Wang Tian, Tang Kun, Feng Chongxi A high quality MBE-LPC-FE speech coder at 2.4 kb/s and 1.2 kb/s 16468
Wang Tian *see* Tian Wang
Wang Tien-Ko *see* Tien-Ko Wang
Wang Ting *see* Ting Wang
Wang Ting-Chi *see* Ting-Chi Wang
Wang Ting-Ji *see* Ting-Ji Wang
Wang Tinyue *see* Li Xiaoxian 52322
Wang Tswen-Duh *see* Tswen-Duh Wang
Wang Wande *see* Wande Wang
Wang Wanyi A technology of complex laser trimming 53814
Wang Way-Seen *see* Way-Seen Wang
Wang Wei, Zhang Ning Higher-order spectra and its application to radar signal processing 58429
Wang Wei *see* Chen Gen-Xiang 43939
Wang Wei *see* Li Tianduo 60527
Wang Wei *see* Zhang Jizhi 55603
Wang Wei *see* Zhao Yu-Cheng 43938
Wang Wei *see* Wei Wang
Wang Wei-Chang *see* Wei-Chang Wang
Wang Wei-Chou *see* Wei-Chou Wang
Wang Wei-Chung *see* Wei-Chung Wang
Wang Wei-Han *see* Wei-Han Wang
Wang Wei-Min *see* Wei-Min Wang
Wang Wei-Yuan *see* Zhang Jian 43418
Wang Weiguo *see* Zhou Xiaokuan 25275
Wang Weihua, Zhu Guoying, Chen Bingru Usage of β spectrum analysis software package of Tri-Carb liquid scintillation analyzer 18139
Wang Weisheng, Wang Jianquan, Zhu Zhenqing, Xia Daozhi Principle and conditions of evaluating small-disturbance voltage stability by power flow Jacobian matrix 28740
Wang Weiying *see* Wu Jun 53549
Wang Weiying *see* Xu Zhaogen 58574
Wang Weiyuan *see* Weiyuan Wang
Wang Wen, Li Tong, He Bin, Du Xiaohang, Luo Yi Fabrication of 1.3 μm InGaAsP/InP gain-coupled DFB lasers with loss grating using LPE technique 44440
Wang Wen Yi *see* Cheng Kan 30457
Wang Wen Yi *see* Zhang Honfeng 52338
Wang Wen-Bing *see* Wen-Bing Wang
Wang Wen-Hao *see* Wen-Hao Wang
Wang Wen-Jieh *see* Wen-Jieh Wang
Wang Wen-June *see* Wen-June Wang
Wang Wenbao *see* Wenbao Wang
Wang Wenbing *see* Xu Liang 45439
Wang Wencheng *see* Wencheng Wang
Wang Wenhua *see* Wenhua Wang
Wang Wenlu *see* Wenlu Wang
Wang Wenqing *see* Fu Hualiang 52252
Wang Wenran, Duan Quansheng, Jiang Yueyuan Study on water level sensors in NHR-200 vessel 38503
Wang Wenran *see* Jiang Yueyuan 29049
Wang Wenshen *see* Wenshen Wang
Wang Wensheng *see* Zhang Zhisheng 17319
Wang Wenwei *see* Wenwei Wang
Wang Wenxiang *see* Yu Guofen 54004
Wang Wenxiang *see* Wenxiang Wang
Wang Wenxun *see* Ji Chengzhou 2308
Wang Wenxun *see* Zhang Yanwen 2300
Wang Wenyi *see* Wenyi Wang
Wang Wenzhong *see* Xie Yi 834
Wang Weyl-Kuo *see* Weyl-Kuo Wang
Wang Wutu *see* Wutu Wang
Wang Xiang *see* Xiang Wang
Wang Xiang-Jun *see* Chen Li-Chun 55454
Wang Xiangdong *see* Xiangdong Wang
Wang Xiangwen *see* Xiangwen Wang
Wang Xiangwu, Lu Chunyi, Ma Lixing Improved two-step silicon epitaxial method reducing autodoping effect 712
Wang Xiangyang, Zha Kaide, Liao Yanbiao, Zhang Dongxiang, Zhang Xiulan, Feng Baohua Fabrication of fiber Bragg gratings by fourth harmonic of a Nd:YAG laser 3383
Wang Xiangzhou *see* Xiangzhou Wang
Wang Xianhua *see* Hu Wei 14015
Wang Xianhua *see* Hu Wei 33714
Wang Xianjia *see* Zhu Shijing 30444
Wang Xiankui *see* Feng Zhijing 48341
Wang Xianyun *see* Zhang Yufei 33712
Wang Xiao-An *see* Xiao-An Wang
Wang Xiao-Bing, Hui Jun-Xiong, Shan Li-Hong, Cai Xue-Qiang Computer graphics used in holographic dual-beams interference carving technique 44807
Wang Xiao-Chuan *see* Xiao-Chuan Wang
Wang Xiao-Gang *see* Xiao-Gang Wang
Wang Xiaobin, Wang Peiqing, Zhang Bin Study on improving di/dt capability of high frequency thyristors 54616

Wang Xiaochao *see* Zhang Zhonghua 17148
Wang Xiaodong *see* Qian Zhaohua 4750
Wang Xiaodong *see* Xiaodong Wang
Wang Xiaoge *see* Xiaoge Wang
Wang Xiaohong, Wang Like, Chen Xianming, Dai Jun A new harmonic elimination PWM technique for three-level GTO-SVG 28742
Wang Xiaohua, Feng Zhenming A survey of rural energy in the developed region of China 50686
Wang Xiaoii *see* Xiaoii Wang
Wang Xiaojie *see* Zhang Jizhi 55603
Wang Xiaojie *see* Xiaojie Wang
Wang Xiaojun, Liu Wei, Hu Xiongwei, Wang Qiming, Huang Meichun The photovoltaic measurements of $In_yGa_{1-y}As/GaAs$ superlattices on $In_xGa_{1-x}As$ buffer layer 22401
Wang Xiaojun *see* Xiaojun Wang
Wang Xiaolei *see* Wang Chunfeng 21039
Wang Xiaolin, Yu Huihua, Yu Chengfang Combinational ATPG acceleration by dynamic circuit partition 53164
Wang Xiaolu *see* Xiaolu Wang
Wang Xiaoming *see* Xiaoming Wang
Wang Xiaoping *see* Ji Hang 32209
Wang Xiaoping *see* Jin Biaobing 55146
Wang Xiaoping *see* Xiaoping Wang
Wang Xiaoqun, Gupta, A.K., Barbosa, L.O. Segregated flow control protocol for CRMA/ATM interworking 16093
Wang Xiaoshen *see* Xiaoshen Wang
Wang Xiaotian *see* Chen Zhongmin 32809
Wang Xiaoyan, Zhou Ji, Wang Bin Preliminary analysis of the feasibility for wireless-ATM network 58121
Wang Xiewen *see* Xiewen Wang
Wang Xinfeng *see* Yuan Bin 19173
Wang Xingke *see* He Qingli 11211
Wang Xingren *see* Liu Xiaoying 35027
Wang Xinheng *see* Zhu Yutao 13259
Wang Xinli, Albregtsen, F., Foyn, B. Texture analysis using gray level gap length matrix 15718
Wang Xinmei *see* Liu Feng 45923
Wang Xinmei *see* Xu Shengbo 16626
Wang Xinmei *see* Xu Shengbo 47686
Wang Xinmei *see* Yu Jianping 14788
Wang Xinmin Convergence for the MSOR iterative method applied to H-matrices 594
Wang Xinqiao *see* Xinqiao Wang
Wang Xiu *see* Feng Ziliang 10672
Wang Xiufeng *see* Xiufeng Wang
Wang Xiuzhi *see* Wu Zhong 51043
Wang Xu-Ming *see* Xu-Ming Wang
Wang Xudong *see* Xudong Wang
Wang Xue *see* Xue Wang
Wang Xue-Hua, Qin Xue-Zhi The maximum entropy method for multiobjective programming 476
Wang Xue-Song *see* Gao Hong 44633
Wang Xuefan Wound-rotor pole-changing induction motors with composite coils 19732
Wang Xuejun *see* Xuejun Wang
Wang Xuemei *see* Xia Zonghuang 44012
Wang Xuesong, Du Limin A statistic language model on Chinese at character level 56411
Wang Xuesong *see* Xuesong Wang
Wang Xueyi *see* Ji Yanchao 50382
Wang Xun *see* Fan Honglei 32208
Wang Xun *see* Lu Xuekun 32148
Wang Xun *see* Xun Wang
Wang Ya-Hui, Ding Guo-Ping Examples and performance of low-cost, micropower instrument op amp–AD620 53052
Wang Ya-Wei *see* Ya-Wei Wang
Wang Yadong *see* Chen Bin 57331
Wang Yadong *see* Zheng Yuxiang 2049
Wang Yajun, Wu Huan Enhancement of DSP arithmetic operations and hardware capabilities 41245
Wang Yajun *see* Jia Yongkang 34853
Wang Yajun *see* Yajun Wang
Wang Yan *see* Chen Lingbing 33716
Wang Yang *see* Yang Wang
Wang Yang Yuan *see* Yang Yuan Wang
Wang Yangyuan *see* Kang Jinfeng 19272
Wang Yangyuan *see* Mo Bangxian 31212
Wang Yangyuan *see* Xi Xuemei 12680
Wang Yangyuan *see* Zhang Xing 12963
Wang Yangyuan *see* Yangyuan Wang
Wang Yanling, Ren Zhen, Wang Guanjie Application of SVC in HVDC system 38328
Wang Yanyun *see* Yanyun Wang
Wang Yao *see* Yao Wang
Wang Yaolan *see* Yaolan Wang
Wang Yaoming *see* Liu Shixiang 61277
Wang Yaoming *see* Qu Wenlong 60763
Wang Yaoming *see* Wang Mingyan 9251
Wang Yaoming *see* Yaoming Wang
Wang Yaoyu, Yu Yixin Simulation of distributed asynchronous iterative algorithms of load flow in distributed distribution management systems (DDMS) 28870
Wang Yashi *see* Yashi Wang
Wang Yebin *see* Yebin Wang
Wang Yeping *see* Wu Junjie 38281
Wang Yi *see* Yi Wang
Wang Yi-Zhong *see* Yi-Zhong Wang
Wang Yin-Jun *see* Zheng Min 32823
Wang Ying-Lang *see* Ying-Lang Wang
Wang Yingcai, Huang Chaoen, Chen Lisen, Fang Zhenyi Crystal growth of Cr^{3+}:$LiCaAlF_6$ by Bridgman technique 10659
Wang Yinsheng *see* Zhang Shudan 2604
Wang Yiping *see* Yiping Wang
Wang Yiqiu *see* Yiqiu Wang
Wang Yo-Jen *see* Yo-Jen Wang
Wang Yong *see* Zhou Jian 56173
Wang Yong Ling *see* Yong Ling Wang
Wang Yong-Jing *see* Yong-Jing Wang
Wang Yong-Zhong *see* Yong-Zhong Wang
Wang Yongde *see* He Peiyu 57556
Wang Yongliang, Peng Yingning, Lu Dajing, Bao Zheng On adaptive space-time adaptive signal processing 15207
Wang Yongqian, Li Xianliang, Zhang Qishan A vehicle tracking system based on GPS 16641
Wang Yongqiang *see* Yongqiang Wang
Wang You *see* You Wang
Wang Yougui *see* Yougui Wang
Wang Youn, Li Jun The method to realize net communication without net adapter, Null-Modem in Windows NT 57930
Wang Youqing *see* An Chengwu 890
Wang Youqing *see* Wang Qiuliang 39254
Wang Youyi *see* Youyi Wang
Wang Yu *see* Xia Yi-Ben 855
Wang Yu *see* Yu Wang
Wang Yu Hui *see* Huang Lin Gyi 53157
Wang Yu-Min *see* Yu-Min Wang
Wang Yu-Po *see* Yu-Po Wang
Wang Yuan-Fang *see* Yuan-Fang Wang
Wang Yuan-Kai *see* Yuan-Kai Wang
Wang Yuanmei, Yu Zhiwei, Tao Bo A new fast algorithm for ECT reconstruction 59526
Wang Yuanxun *see* Yuanxun Wang
Wang Yuanyuan *see* Yuanyuan Wang
Wang Yue *see* Yue Wang
Wang Yuexian, Zhang Zhenchuan, Wang Guangxing Design and implementation of a powerline medium computer network 26220
Wang yufen *see* Banford, H.M. 2974
Wang Yuhong, Zhang Juesheng Research on the output spectrum of a direct digital frequency synthesizer 40944
Wang Yuhong, Zhang Juesheng, Fan Changxin An analysis of the output spectrum of the phase accumulator's overflow pulse 40945
Wang Yujiang *see* Shen Qihua 840
Wang Yuke *see* Yuke Wang
Wang Yulun *see* Yuan-Fang Wang 28392
Wang Yumin *see* Ma Jianfeng 14845
Wang Yumin *see* Ma Jianfeng 45619
Wang Yumin *see* Ma Jianfeng 45620
Wang Yun, Gu Guanqun, Dui Jiyin Research on protocol migration 16102
Wang Yuncai *see* Hu Wei 14015
Wang Yuncheng *see* Wu Xiafei 58430
Wang Yunhong *see* Yunhong Wang
Wang Yunshan Measuring vibration on body with speckle interferometry 48949
Wang Yunyi *see* Jin Biaobing 55146
Wang Yunyi *see* Yunyi Wang
Wang Yutian *see* Chen Nuofu 2044
Wang Yutian *see* Chen Nuofu 54064
Wang Yuxia, Tang Yeqing, Chen Wei, Cai Weili, Tang Honggao Studies on SiC film deposited by pulsed XeCl excimer laser sputtering method 21334
Wang Yuzhi, Wu Ping, Zhou Yan Study on the mechanism of metal vapor pollution of the window of metal vapor lasers 23756
Wang Yuzhu *see* Yuzhu Wang
Wang Zaiyong *see* Gao Juncheng 28474
Wang Zanji Modeling for simulating very fast transient in transformer windings 19784
Wang ZengFu *see* ZengFu Wang
Wang Zeyi *see* Zeyi Wang
Wang Zhan He *see* Zhan He Wang
Wang Zhan-Guo, Lin Lan-Ying, Li Cheng-Ji, Zhong Xing-Ru, Li Yun-Yan, Wan Shou-Ke, Sun Hong Electrical properties of semi-insulating GaAs grown from the melt under microgravity conditions 2010
Wang Zhan-Guo *see* Zou Lu-Fan 54349
Wang Zhang *see* Jun Li 3682
Wang Zhang *see* Zhang Wang
Wang Zhangqi, Guo Xianshan, Wu Hui, Zhang Aijun, Xia Boji Monitoring and recording of breaking-current and number of times for HV circuit breakers 19887
Wang Zhanguo *see* Lu Liwu 32005
Wang Zhanguo *see* Lu Liwu 32006
Wang Zhanguo *see* Zhanguo Wang
Wang Zhao, Pei Shubao, Tan Yushan Three dimensional grating image display 48791
Wang Zhao, Pei Shubao, Wang Chuangshe, Wang Ziwu, Luo Deyuan, Tan Yushan A new method to make two dimensional grating image 27799
Wang Zhao *see* Wang Chuangshe 58902
Wang Zhao *see* Yue Kaiduan 17823
Wang Zhao-Qi *see* Zhao-Qi Wang
Wang Zhaohui *see* Zhaohui Wang
Wang Zhaoxiang *see* Zhaoxiang Wang
Wang Zheming *see* Xu Zhaogen 58574
Wang Zhen *see* Zhen Wang
Wang Zhen-Dang *see* Zhen-Dang Wang
Wang Zheng *see* Li Ping 29146
Wang Zheng *see* Zheng Wang
Wang Zheng-Ou *see* Zheng-Ou Wang
Wang Zheng-Zhi *see* Zhang Guang-Duo 21092
Wang Zhengdong *see* Zhengdong Wang
Wang Zhenghang *see* Zhu Yaming 38798
Wang Zhenghao *see* Zhenghao Wang
Wang Zhenghua *see* Zhao Yuelong 13457
Wang Zhengrong, Zhang Boheng, Liu Shulong, Yan Qian Practical circuit of nanosecond laser double pulses with short interval and high precision 14231
Wang Zhengyu *see* Zhengyu Wang
Wang Zhenjia *see* Cheng Wuzhu 4168
Wang Zhenprong *see* Zhenprong Wang
Wang Zhenyuan *see* Tan Kexiong 29231
Wang Zhenzhong *see* Zhenzhong Wang
Wang Zhicheng *see* Zhao Junwei 58492
Wang Zhicheng *see* Zhicheng Wang
Wang Zhien *see* Zhien Wang
Wang Zhijiang *see* Xiang Shiqing 33376
Wang Zhijiang *see* Zhijiang Wang
Wang Zhijie *see* Zhang Jizhi 55603
Wang Zhijie *see* Zhijie Wang
Wang Zhiling *see* Zhiling Wang
Wang Zhiqian *see* Zhiqian Wang
Wang Zhishan, Song Lixin, Gan Yanpu Experimental study on the influence of the shaft rotating speed on the dynamic seal capacity in ferromagnetic fluid seal 32882
Wang Zhong *see* Yang Xueyou 39886
Wang Zhong *see* Zhong Wang
Wang Zhong-Hong *see* Zhong-Hong Wang
Wang Zhong-Xian *see* Zhong-Xian Wang
Wang Zhongde *see* Zhongde Wang
Wang Zhonghong *see* Zhonghong Wang
Wang Zhonglei, Mizutani, Y., Hamamatsu, Y., Ikeda, H., Yoshida, H., Iwanabe, N., Hattori, M. Simultaneous control signal and power transmission through mechanical rotary joint without wiring connection 38849
Wang Zhongping, Li Xiaofeng, Chen Junliang A study on the LAN/ATM interconnection and the emulated B-ISDN services on non-ATM LANs 47029
Wang Zhongyang *see* Zhongyang Wang
Wang Zhongyi, Wang Jimei Theoretic research and design on high voltage vacuum interrupters with long electrode gap 29470
Wang Zhongze *see* Zhongze Wang
Wang Zhongzhu, Liu Desen Study and development of optronic hybrid fiber-optic crossbar interconnection network for parallel processing arrays 16225
Wang Zhou *see* Zhou Wang
Wang Zhuangzhi *see* Qing Hongxia 29509
Wang Zhudeng *see* Zhudeng Wang
Wang Zi Hua *see* Zi Hua Wang
Wang Zidong, Guo Zhi Robust constrained variance estimation for discrete systems with model noise intensity uncertainty and its application 45892
Wang Zifei *see* Zifei Wang
Wang Zimeng, Wang Peigang High sensitivity immersed-type HgCdTe infrared detector for 20 μm 17390
Wang Ziwu *see* Wang Zhao 27799
Wang Zixing *see* Ge Yi 39827
Wang Ziyu *see* Zhang Kan 47902
Wang Zugeng *see* Zhao Ticheng 3324
Wang Zulin Table lookup algorithm and implementation of the cyclic redundancy check code 34529
Wang Zuo *see* Zuo Wang
Wang Zuobin *see* Zuobin Wang
Wang Zuoqin *see* Zuoqin Wang
Wang-Bei Yao *see* Yao Wang-Bei
Wang-Dauh Tseng, Kuochen Wang Fuzzy-based circuit partitioning in built-in current testing 40762
Wang-Dauh Tseng, Kuochen Wang Testable design and testing of MCMs based on multifrequency scan 53862
Wang-Long Li, Cheng-I Weng, Chi-Chuan Hwang Roughness effects on the dynamic coefficients of ultra-thin gas film in magnetic recording 13440
Wang-Yuel Cheng *see* Jow-Tsong Shy 13977
Wang-Zhou Shi *see* Shi Wang-Zhou
Wangemann, K. *see* Naeem, M.D. 42355
Wangensteen, T. *see* Abulfotuh, F. 39117
Wangermann, J.P., Stengel, R.F. Distributed optimization and principled negotiation for advanced air traffic management 8277
Wangjae Chun *see* Chun Wangjae
Wangler, J. *see* Rogoff, R. 2501
Wangler, J. *see* Singer, W. 3531
Wangler, T. *see* Lawrence, G. 49177
Wangler, T.P., Billen, J., Jason, A., Krawczyk, F., Nath, S., Shafer, R., Staples, J., Takeda, H., Tallerico, P. High-power linac for a US spallation-neutron source 49188
Wangler, T.P., Garnett, R.W., Gray, E.R., Ryne, R.D., Wang, T.S. Dynamics of beam halo in mismatched beams 49086
Wangler, T.P. *see* Garnett, R.W. 17896
Wangler, T.P. *see* Garnett, R.W. 49176
Wangler, T.P. *see* Lapostolle, P. 49087
Wanhainen, J.S. *see* Davis, J.M. 18693
Wanhammar, L. *see* Rudberg, M.K. 46477
Wanhammar, L. *see* Vesterbacka, M. 41343
Wanhong Deng *see* Lie, T.T. 38321
Wanielik, G. *see* Heisele, B. 25779
Wanielik, G. *see* Schneider, R. 29827
Wanjun Sun *see* Yan Li 44732
Wanjun Sun *see* Yanqiu Li 23436
Wanjun Sun *see* Sun Wanjun

Wanka, G. ϵ-optimality to approximation in partially ordered spaces 10338
Wanka, H.N., Schubert, M.B. High silicon etch rates by hot filament generated atomic hydrogen 54454
Wanka, H.N. *see* Friedlmeier, T.M. 39076
Wanka, H.N. *see* Schubert, M.B. 39136
Wanke, M. *see* Allen, S.J. 12488
Wankyoo Choi, Ilyong Chung, Seongjoo Lee The design of information dispersal using the FFT algorithm (IDAF) for secure and fault-tolerant communications in distributed environment 26225
Wanlass, M.W. *see* Coutts, T.J. 38972
Wanlass, M.W. *see* Emery, K. 39169
Wanlei Zhou, Goscinski, A. Fault-tolerant servers for the RHODOS system 57935
Wanliang Ma *see* Ma Wanliang
Wanlie Zheng, Guheng Xu Influence of air heat sink geometry on the performance of thermoelectric cooling modules 39243
Wanlin Cao, Pradhan, D.K. Sequential redundancy identification using recursive learning 11338
Wanming Chu *see* Yamin Li 1274
Wann, C., Assaderaghi, F., Dennard, R., Chenming Hu, Shahidi, G., Taur, Y. Channel profile optimization and device design for low-power high-performance dynamic-threshold MOSFET 43099
Wann, C.H., Tu, R., Bin Yu, Chenming Hu, Noda, K., Tanaka, T., Yoshida, M., Hui, K. A comparative study of advanced MOSFET structures 2642
Wann, C.H.J. *see* Bin Yu 43045
Wann, H.-J. *see* Fujioka, H. 42342
Wannamaker, P.E. *see* de Lugao, P.P. 38034
Wannasarnmaytha, A., Hara, S., Morinaga, N. A new short-time DFT FSK demodulation method for LEO satellite communications systems 6689
Wannasarnmaytha, A., Hara, S., Morinaga, N. A novel ST-DFT based M-ary FSK demodulation method–frequency sequence estimation for LEO satellite communications 34514
Wannemacher, H.E. *see* Keys, D.J. 18681
Wanner, G. *see* Butcher, J.C. 10531
Wanner, W., Lewis, P., Roujean, J.-L. The influence of directional sampling on bidirectional reflectance and albedo retrieval using kernel-driven models 8527
Wanner, W., Strahler, A.H., Baojin Zhang, Lewis, P. Kilometer-scale global albedo from MODIS 8295
Wanner, W. *see* Baoxin Hu 8540
Wanner, W. *see* White, H.P. 8296
Wanping Hu, Lavers, J.D. Coupled electro-thermal-flow model for very long electric arcs 51851
Wanqiang Cao, Jingde Li, Feng Zheng, Zhenhong Zhou Electret effect in paraffin 54976
Wanqing Cao *see* Gerhardt, R.A. 32600
Wanqing Cao *see* Zhenhong Zhou 54905
Wanrong Zhang *see* Zhang Wanrong
Wanser, S. *see* Krahenbuhl, L. 44938
Wansheng Su *see* Riad, S.M. 53643
Wansheng Tang, Guangquan Li, Zhihua Hu, Pie Zheng Realization of 2D singular Roesser model 52391
Wansheng Tang, Rui Jin, Guangquan Li Duality for nonsmooth multiobjective programming 21099
Wansink, G.J. *see* Vogelzang, J. 50210
Wanxin Wen *see* Wen Wanxin
Wanyi Wang *see* Wang Wanyi
Wanzenberg, R. Review of beam dynamics and instabilities in linear colliders 49127
Wanzenberg, R. *see* Brinkmann, R. 49198
Wanzhen Geng *see* Geng Wanzhen
Wanzhi Qiu, Yingbo Hua Performance comparison of three methods for blind channel identification 25818
Wapner, M. *see* Fumo, J.P. 48139
Wapner, M.P. *see* Douglas, B.L. 49989
Wappelhorst, M.H., Murtz, M., George, T., Saupe, S., Palm, P., Urban, W. Stabilized CO laser for absolute frequency measurements near 60 THz (5 μm) 48330
Wara, T. *see* Hirako, K. 46089
Warabisako, T. *see* Ohtsuka, H. 9560
Warabisako, T. *see* Ohtsuka, H. 39219
Warashina, Y., Ilda, T., Ikeya, T., Kyomasu, M. Single-mode fiber-compatible plastic-molded surface-contact receptacles 10151
Warburton, T.J. *see* Shepherd, D.P. 33453
Warchol, J. *see* Adams, D. 59218
Warczak, A. *see* Stohiker, Th. 7727
Ward, B., Baker, A.C., Humphrey, V.F. Nonlinear propagation applied to the improvement of resolution in diagnostic medical ultrasound 37680
Ward, B. *see* Baker, A.C. 7680
Ward, B. *see* Thayne, I. 53649
Ward, B.A. *see* Hussman, K.L. 37648
Ward, C. Technical requirements for a reactive service 19266
Ward, C. *see* Kagan, H. 37508
Ward, C. *see* Shipsey, I. 59232
Ward, C. *see* Spencer, M.B. 59274
Ward, C.W., Hopman, P.I., Alexander, J.P., Foland, A.D., Kim, P.C. The design and performance of the silicon detectors for CLEO III 59224
Ward, C.W. *see* Hopman, P.I. 37382
Ward, D.B., Zhi Ding, Kennedy, R.A. Broadband DOA estimation using frequency-invariant beamspace processing 25125
Ward, D.B. *see* Kennedy, R.A. 15240
Ward, E.S. *see* Szabo, A. 19874
Ward, J. Cramer-Rao bounds for target angle and Doppler estimation with space-time adaptive processing radar 16844
Ward, J. *see* Culverhouse, D.O. 13746
Ward, J. *see* Kalogirou, S. 60604
Ward, J.A. *see* Svenson, T.D. 25062
Ward, J.D. *see* Harris, N.D. 49374
Ward, J.D. *see* Narcowich, F.J. 24980
Ward, J.S. *see* Coutts, T.J. 38972
Ward, K. *see* Monton, V. 35550
Ward, L.M. *see* Axelrad, P. 18606
Ward, M. *see* Burdess, J.S. 27550
Ward, M.C.L., King, D.O., Mcnie, M.E., Wen, J., Burdess, J.S., Harris, A.J. 'Small' micro inertial sensors 27545
Ward, P. *see* Lombardo, S. 22526
Ward, P. *see* Lombardo, S. 32367
Ward, R. Nonlinear filtering and processing of cable television pictures 58573
Ward, R. *see* Sun, M. 37612
Ward, R. *see* Yuen-Wen Lee 56958
Ward, R.B. Extension of "Small-e" ethics in engineering: comparison of students in two countries 9898
Ward, R.K. *see* Lee, Y.-W. 25442
Ward, R.N. *see* Anderson, C.S. 6708
Ward, R.N. *see* Anderson, C.S. 16881
Ward, R.N. *see* Anderson, S. 46011
Ward, S.A. The breakdown voltages for compressed gas-insulated systems with contamination considering the space charge effect 13301
Ward, T. *see* Epstein, M. 14891
Ward, W., Issar, S. A class based language model for speech recognition 14946
Ward, W. *see* Mayfield, L.J. 56373
Ward, W.E. *see* Shiguang Wang 58833
Ward, W.W., Kirk, A.W. Lessons learned in small hole drilling [PCB manufacture] 1811
Warda, K. *see* Afif, M. 41757
Wardale, C. *see* Kawanami, Y. 47262
Wardell, K. Laser Doppler perfusion imaging–scanning and duplex modes 28294
Wardle, L. *see* Schuss, J.J. 34462
Wardman, P. *see* Collingridge, D.R. 49407
Wardwell, W. *see* MacMaster, L. 53756
Ware, J.D. *see* Way, B.S. 50181
Ware, R., Alber, C., Rocken, C., Solheim, F. Sensing integrated water vapor along GPS ray paths 47878
Ware, R.M., Higgins, W., O'Hearn, K., Tiernan, M. Growth and properties of very large crystals of semi-insulating gallium arsenide 30713
Ware, S. *see* Myers, H. 26991
Wareham, P.C., Blostein, S.D. Region-oriented video coding using the MDL principle and quadtree optimization 56957
Warfield, V. *see* Gato, L.M.C. 38639
Wargotz, W.B. *see* Dissado, L.A. 58091
Warich, G. *see* Menz, P. 39756
Waring, T.G., Allan, G.A., Walton, A.I. Integration of DFM techniques and design automation 31066
Waris, V.P. *see* Bialkowski, M.E. 11651
Warlick, E.S. *see* Murray, J.P. 8650
Warltier, D.C. *see* Hettrick, D.A. 28320
Warmack, R.J. *see* Datskos, P.G. 7340
Warmack, R.J. *see* Oden, P.I. 7408
Warmack, R.J. *see* Oden, P.I. 27565
Warmack, R.J. *see* Wachter, E.A. 7325
Warn, P. SDH: the implementation challenge 46882
Warne, L.K. Eddy current power dissipation at sharp corners: corner correction for transverse current and application to waveguides 24541
Warne, R.L. Engineering training within the Armed Forces: a Navy perspective 20450
Warnecke, J.F. *see* Luhr, H. 18845
Warnecke, P., Leontiew, H., Pesel, E., Schumacher, B., Zaslavskij, Y.A. Pressure dependence of metal foil based 100 Ω precision standard resistors 17172
Warner, B.E., Boley, C.D., Chang, J.J., Dragon, E.P., Havstad, M.A., Martinez, M., McLean, W., II Industrial applications of high-power copper vapor lasers 172
Warner, C. *see* Taylor, R. 50837
Warner, C.L., Taylor, R.W., Ribeiro, C.M., Moszkowicz, M., Borba, A.J.V. PV-hybrid village power systems in Amazonia 50838
Warner, D. *see* Arai, Y. 37267
Warner, D. *see* Arai, Y. 37268
Warner, H.A. *see* Rathmann, S. 38850
Warner, J. *see* DeCara, P. 49963
Warner, J. *see* DeCara, P. 49964
Warner, J. *see* Sabataitis, J.C. 41407
Warner, M. *see* Gebhardt, M. 60035
Warner, M.R. Charging for information services in ODP systems 6164
Warner, M.W. *see* Kudri, S.R.T. 40048
Warner, S. *see* Dougherty, T.A. 19974
Warner, T. *see* Huff, H.R. 48883
Warner, T.E., Fray, D.J., Davies, A. A high-temperature solid-state potentiometric sensor for nitrogen based on ceramic $LaAl_{12}O_{18}N$ 27742
Warnes, W.H., Faase, K.J., Norris, J.A. Multilayer Nb-Ti for use as model superconducting microstructures 55096
Warnes, W.H. *see* Liu, H. 55095
Warnick, K.F., Arnold, D.V., Selfridge, R.H. Differential forms in electromagnetic field theory 33794
Warnick, K.F., Selfridge, R.H., Arnold, D.V. Electromagnetics made easy: differential forms as a teaching tool 20722
Warnick, K.F., Selfridge, R.H., Arnold, D.V. Teaching electromagnetic field theory using differential forms 30047
Warnock, J. *see* Yu, W.Y. 32040
Warr, S.T., Mears, R.J. Polarisation insensitive diffractive FLC systems 33759
Warr, S.T. *see* Mears, R.J. 3658
Warren, A. A methodology and initial results specifying requirements for Free Flight transitions 60001
Warren, A.P., Bissell, P.R., Gotaas, J.A., Gilson, R.G., Dean, C. Noise studies of spatial chaos in magnetic recording media 23358
Warren, G. The Utilities Directive and the need for standards with currency 30089
Warren, H.P. *see* Schaffer, T.A. 31342
Warren, J. *see* Hubley-Kozey, C.L. 49690
Warren, J.A., Carter, W.C., Josell, D., Handwerker, C.A., Moon, K.-W. Modeling solder interconnects: a NIST program 1806
Warren, J.B. *see* Moller, K.D. 3542
Warren, J.T. *see* Chang, Y.-M. 57689
Warren, J.W. *see* Hubley-Kozey, C.L. 59722
Warren, M.D. *see* Schofield, H.D. 12048
Warren, M.E. *see* Descour, M.R. 14451
Warren, P. *see* Bremond, G. 12148
Warren, P. *see* Fadda, E. 31954
Warren, P. *see* Jian Mi 12527
Warren, P. *see* Meyer, F. 12553
Warren, P.C. *see* Tarascon, J.M. 29558
Warren, V. Using on line insulation testing to implement generator predictive maintenance 50919
Warren, V., McDermid, W., Haines, G. PDA/PPA testing of asphaltic-mica insulation systems hydraulic generating units 60679
Warren, W.L., Pike, G.E., Tuttle, B.A., Dimes, D. Polarization-induced trapped charge in ferroelectrics 43498
Warren, W.L., Seager, C.H., Robertson, J., Kanicki, J., Poindexter, E.H. Creation and properties of nitrogen dangling bond defects in silicon nitride thin films 13205
Warren, W.L., Vanheusden, A.K., Seager, C.H., Tallant, D.R., Tuchman, J.A., Silliman, S.D., Brower, D.T. Local Ce environments and their effects on optical properties of SrS phosphors 3590
Warren, W.L., Vanheusden, K., Fleetwood, D.M., Schwank, J.R., Shaneyfelt, M.R., Winokur, P.S., Devine, R.A.B. A proposed model for positive charge in SiO_2 thin films. Over-coordinated oxygen centers 23105
Warren, W.L., Vanheusden, K., Rodriguez, M.A., Seager, C.H., Tallant, D.R., Rack, P.D., Holloway, P.H., Wagner, B.K., Summers, C.J., Yocom, P.N. Luminescence, absorption, and site symmetry of Ce activated $SrGa_2S_4$ phosphors 44227
Warren, W.L. *see* Li, T. 12952
Warren Wong *see* Basu, A. 25489
Warrick, A.L., Delaney, P.A. A wavelet localized Radon transform based detector for a signal with unknown parameters 6921
Warriner, D. *see* Catling, I. 26668
Warrington, E.M. Measurement of the angular spread of HF signals reflected from the high latitude ionosphere by means of super-resolution direction finding 34048
Warrington, E.M. *see* Arthur, P.C. 38052
Warrington, E.M. *see* Milan, S.E. 45125
Warrington, R. *see* Cook, J. 32577
Warrington, R. *see* Walsh, S.T. 54833
Warrington, R.O. *see* Gao, R.X. 43390
Warta, W. *see* Baldner, R. 39024
Warta, W. *see* Ebong, A.U. 51601
Warta, W. *see* Glunz, S.W. 12191
Warta, W. *see* Glunz, S.W. 51560
Warta, W. *see* Knobloch, J. 39192
Wartanowicz, T., Czarnecki, A. Optimization of a multistage thermoelectric cooling system concerning maximum COP 39438
Wartell, J.D. *see* Dowling, M.F. 50737
Warwick, A. *see* Brundle, C.R. 43178
Warwick, K. *see* Hannan, J.M. 38310
Warwick, K. *see* Kiff, A. 29881
Warwick, M.E., Steen, H.A.H., Vincent, J.H., Richards, B.P., Harris, P.G., Whitmore, M.A., Billington, S.R., Harman, A.C. Screening studies on lead-free solder alloys 39769
Warwick, M.E. *see* Vincent, J.H. 39770
Warwick, P.J. *see* Behjat, A. 23738
Warwick, P.J. *see* MacPhee, A.G. 13967
Warwick, T. *see* Hyun-Joon Shin 28016
Warzanskyj, W., Adams, G., Caldarella, R., Ferrero, U., Hofmeister, H., Knuckey, M., Gieschen, N., Grabenhorst, R., De Grandis, M., Murano, K., Okada, K., Schijndel, J.V., Soleres, E., Stern, J., Verbiest, W., Yamashita, M. Services, architectures, topologies and economic issues 26388
Warzanskyj, W. *see* Faulkner, D. 57722
Warzanskyj, W. *see* Sanchez, J. 26753
Warzee, G. *see* Bouillard, P. 10567
Warzee, G. *see* Saint-Georges, P. 10571
Warzemann, L. *see* Kotitz, R. 49513
Wascher, E. *see* Verleger, R. 49627
Wascher, E. *see* Wauschkuhn, B. 59643
Waschk, V. *see* Beck, M. 36120

Waschk, V. *see* Hahne, G. 38370
Waser, R. *see* Thomas, D. 52674
Waser, R. *see* Weber, A. 51520
Washabaugh, A.P., Mamishev, A., Du, Y., Zahn, M. Dielectric measurements of semi-insulating liquids and solids 23249
Washabaugh, P.D. *see* Peters, K.J. 17442
Washai Yang *see* Yang Washai
Washburn, B. CDPD: The tower of power 6573
Washburn, D. *see* Johnston, R.E. 37639
Washburn, J. *see* Liliental-Weber, Z. 10621
Washburn, J. *see* Liliental-Weber, Z. 10804
Washburn, J. *see* Ruvimov, S. 52593
Washburn, K. The managed Internet 26133
Washburn, R. *see* Wissinger, J. 6938
Washburn, R.B. *see* Irving, W.W. 4752
Washimiya, S. *see* Sakamoto, H. 9292
Washington, G. Smart aperture antennas 34185
Washington, G. Aperture antenna shape prediction by feedforward neural networks 45415
Washino, S. *see* Inoue, N. 9697
Washino, S. *see* Nakahori, I. 9696
Washio, H. *see* Hisamatsu, T. 37994
Washio, K. *see* Kiyota, Y. 22768
Washio, K. *see* Kondo, M. 41465
Washio, K. *see* Ohue, E. 1725
Washio, M. *see* Ito, S. 27529
Washizu, M., Jones, T.B. Generalized multipolar dielectrophoretic force and electrorotational torque calculation 24322
Washizu, M., Kurosawa, O., Suzuki, S., Shimamoto, N. Space-resolved manipulation of biological macromolecules 1844
Washkewicz, P. Standardized IS-95 CDMA system simulation aids advanced designs 25900
Wasiela, A. *see* Stifter, D. 54224
Wasier, R.M. Microstructure of ceramic thin films 10947
Wasik, D., Baj, M., Przybytek, J., Slupinski, T., Kudyk, K. Coexistence of DX and A_1 states in highly doped GaAs:Ge,Te and GaAs:Si,Te 22232
Wasik, D. *see* Clerjaud, B. 41957
Wasil, E. *see* Xiaoyun Sun 15704
Wasilewska, A. On rough and LT-fuzzy sets 40058
Wasilewski, P. *see* Wiecek, B. 5482
Wasilewski, Z. *see* Taylor, R.P. 42074
Wasilewski, Z.N. *see* Dudziak, E. 12437
Wasilewski, Z.R. *see* Dion, M. 55620
Wasilewski, Z.R. *see* Ershov, M. 48538
Wasilewski, Z.R. *see* Ershov, M. 48554
Wasilewski, Z.R. *see* Liu, H.C. 48656
Wasilewski, Z.R. *see* Liu, H.C. 48664
Wasilkowski, G.W. Average case complexity of multivariate integration and function approximation. An overview 21123
Wasilousky, P.A., Sunderlin, T.A., Olmstead, T. Characterization of wideband ISAR processor 6956
Wasilousky, P.A. *see* Olmstead, T. 27002
Waskiewicz, J. *see* Kalayjian, Z. 1641
Waskiewicz, W.K. An electronic image adjustment device for E-beam lithography 32334
Waskiewicz, W.K. *see* Harriott, L.R. 22700
Waskiewicz, W.K. *see* Harriott, L.R. 42874
Wasniewski, J. *see* Ciegis, R. 30636
Wasniewski, J., Dongarra, J., Madsen, K., Olesen, D. *(editors)* Applied Parallel Computing. Industrial Computation and Optimization. Third International Workshop, PARA '96 Proceedings 20380
Wassel, A.Telal *see* Telal Wassel, A.
Wassell, I.J. The use of wireless local loop (WLL) to offer a mobile service 35949
Wasserfall, J. *see* Over, H. 41864
Wasserman, A. *see* Slater, R. 25478
Wasserman, H. Design for inspectability 41611
Wassermann, E.M., Grafman, J., Berry, C., Hollnagel, C., Wild, K., Clark, K., Hallett, M. Use and safety of a new repetitive transcranial magnetic stimulator 28088
Wassermann, J. *see* Lang, O. 29238
Wassermeier, M. *see* Behrend, J. 803
Wasshuber, C., Kosina, H. A single electron device and circuit simulator with a new algorithm to incorporate co-tunneling 13049
Wasshuber, C., Kosina, H. A single-electron device and circuit simulator 43154
Wassick, T. *see* Ellsworth, M.J., Jr. 206
Wassick, T. *see* Perfecto, E.D. 301
Wastie, R. *see* DeWitt, J. 59243
Wastie, R. *see* Sadrozinski, H.F.W. 37399
Wasynczuk, O., Sudhoff, S.D. Automated state model generation algorithm for power circuits and systems 19038
Wasynczuk, O. *see* Hegner, H.J. 29264
Wasynczuk, O. *see* Skvarenina, T.L. 18708
Wasynczuk, O. *see* Skvarenina, T.L. 18710
Wasynczuk, O. *see* Tucker, W.L. 29265
Watabe, A. *see* Hashimoto, E. 41564
Watabe, H. *see* Nagamune, Y. 12462
Watabe, H. *see* Nishioka, M. 14170
Watabe, H. *see* Sogawa, F. 3879
Watabe, K., Hamalainen, M., Whinston, A.B. A collaborative distance learning system using Internet 39625
Watabe, K. *see* Kamatani, H. 23154
Watabe, T. *see* Korogi, Y. 59489
Watada, M. *see* Abe, Y. 4211
Watada, M. *see* Torii, S. 61243
Watada, M. *see* Yabuuchi, Y. 9279
Watahiki, S. *see* Hasegawa, T. 9454
Watahiki, S. *see* Kondow, M. 30833
Watahiki, S. *see* Shirakawa, S. 60354
Watalis, E.A., Rajaraman, K.C. Dwight-Bewley paradox [comment and reply] 33819
Watanabe, A., Okamoto, S., Koga, M., Sato, K., Okuno, M. 8×16 delivery and coupling switch board for 320 Gbit/s throughput optical path cross-connect system 26449
Watanabe, A., Swift, G.W., Brisson, J.G. Measurements with a recuperative superfluid Stirling refrigerator 51871
Watanabe, A. *see* Dementyev, D.V. 37249
Watanabe, A. *see* Ideguchi, T. 35513
Watanabe, A. *see* Ishizuka, H. 1920
Watanabe, A. *see* Kodaira, T. 33629
Watanabe, A. *see* Koga, M. 6427
Watanabe, A. *see* Nakayama, M. 23746
Watanabe, A. *see* Uchida, K. 32220
Watanabe, A. *see* Yokoyama, M. 45874
Watanabe, E., Okamura, Y., Nishihara, A. Adaptive line enhancers with discriminated structures 34819
Watanabe, E., Takeda, Y., Yoshizawa, M., Moriya, T., Nakajima, M. The effect of filler particle size on ultrasonic image of electrical breakdown region in filler-added insulating materials 43512
Watanabe, E. *see* Byeungsoo Cheun 36708
Watanabe, E. *see* Watanabe, Y. 50043
Watanabe, E.H. *see* Rolim, L.G.B. 9583
Watanabe, F. *see* Sasaki, A. 26572
Watanabe, F. *see* Yamaguchi, K. 42582
Watanabe, F. *see* Yanagisawa, M. 23356
Watanabe, G.-I. *see* Tsuruta, K. 23199
Watanabe, H. Theory of classification of objects by predicates 7126
Watanabe, H. Accurate and simultaneous measurement of the thermal conductivity and thermal diffusivity of liquids using the transient hot-wire method 17854
Watanabe, H., Fujita, K., Ichikawa, M. Thermal decomposition of ultrathin oxide layers on Si(111) surfaces mediated by surface Si transport 41831
Watanabe, H., Hirota, E., IShida, I., Hamada, K., Okada, A., Sakakima, H., Satomi, M. Ferromagnetic resonance in [Co/Cu]-and [NiFeCo/Cu]-multilayers 13434
Watanabe, H., Honma, H. Fabrication of nickel microbump on aluminum using electroless nickel plating 40502
Watanabe, H., Komori, J., Higashitani, K., Sekine, M., Koyama, H. A wafer level monitoring method for plasma-charging damage using antenna PMOS-FET test structure 54649
Watanabe, H., Kondo, S., Hirano, K. Introduction to Suzuki ASV technologies 27920
Watanabe, H., Shibata, K., Aoyagi, T., Takiguchi, T., Higuchi, H., Aiga, M. Wide-temperature-range operation of 1.3 μm DFB lasers with low distortion for CATV application 17067
Watanabe, H., Shibata, K., Aoyagi, T., Takiguchi, T., Higuchi, H., Aiga, M. Wide-temperature-range operation of 1.3 μm DFB lasers with low distortion for analog transmission 58285
Watanabe, H., Shimizu, K., Takeuchi, Y., Aritome, S. Corner-rounded shallow trench isolation technology to reduce the stress-induced tunnel oxide leakage current for highly reliable flash memories 41174
Watanabe, H., Toda, T., Suzuki, H., Kato, K., Matuo, K. Characteristics of partial discharge sensors for GIS 9436
Watanabe, H., Yamakawa, N., Akima, Y., Sone, M. The speech recognition for female speaker using neural network 45709
Watanabe, H. *see* Hagiwara, T. 28943
Watanabe, H. *see* Hayashi, K. 41835
Watanabe, H. *see* Honma, H. 11967
Watanabe, H. *see* Hyodo, T. 12960
Watanabe, H. *see* Jozawa, H. 35182
Watanabe, H. *see* Kaneko, S. 16785
Watanabe, H. *see* Kobayashi, K. 43060
Watanabe, H. *see* Kojima, M. 34063
Watanabe, H. *see* Kurokawa, H. 38942
Watanabe, H. *see* Maruno, S. 31730
Watanabe, H. *see* Mitsuishi, M. 37840
Watanabe, H. *see* Ogata, T. 52791
Watanabe, H. *see* Osako, F. 46097
Watanabe, H. *see* Sato, T. 44534
Watanabe, H. *see* Seki, T. 60236
Watanabe, H. *see* Tanzawa, T. 1394
Watanabe, H. *see* Tatsuta, S. 351
Watanabe, I., Takemura, K., Shiozawa, N., Watanabe, O., Kojima, K., Nagai, A., Tanaka, T. Anisotropic conductive adhesive films for flip-chip interconnection 10164
Watanabe, I., Yoshie, K. Low temperature synthesis of diamond films in thermoassisted RF plasma chemical vapor deposition. II 40579
Watanabe, I. *see* Aritome, S. 11453
Watanabe, I. *see* Hirosawa, Y. 13080
Watanabe, I. *see* Sakuyama, S. 11885
Watanabe, J., Goto, K., Nakamura, T. Observation of visible light emission from Co-silicided junctions with leakage current 22442
Watanabe, K. Dependence of effective carrier lifetime in iron-doped silicon crystals on the carrier injection level 12588
Watanabe, K. Growth of minute barium ferrite single crystals from a Na_2O-B_2O_3 flux system 30717
Watanabe, K., Akiyama, H., Matsumoto, H., Nakazato, T., Nishitani, K., Oyamada, M., Urasawa, S. Double-feed coupler for the linear collider 49212
Watanabe, K., Ami, M., Tanaka, M. Properties of polycrystalline $SrRuO_3$ thin films on Si substrates 21344
Watanabe, K., Awaji, S., Kobayashi, N., Fukase, T., Motokawa, M., Koyanagi, K., Sumiyoshi, Y., Urata, M., Tezuka, M., Nakayama, S., Murase, S. Highly strengthened superconducting magnet for a 40 T compact hybrid magnet 3301
Watanabe, K., Awaji, S., Sakuraba, J., Jikihara, K., Watazawa, K., Hasebe, T., Hata, F., Chong, C.K., Yamada, Y., Ishihara, M. Cryogen-free split-pair superconducting magnet with a ϕ50 mm×10 mm room temperature gap 43842
Watanabe, K., Awaji, S., Sakutaba, J., Watazawa, K., Hasebe, T., Jikihara, K., Yamada, Y., Ishihara, M. 11 T liquid helium-free superconducting magnet 13520
Watanabe, K., Hara, S., Kanemitsu, Y., Haga, T., Yano, K., Mizuno, T., Katamura, R. Combination of H^∞ and PI control for an electromagnetically levitated vibration isolation system 36920
Watanabe, K., Kaneko, E., Yanabu, S. Technological progress of axial magnetic field vacuum interrupters 29464
Watanabe, K., Masumoto, T., Awaji, S., Motokawa, M., Sakuraba, J., Watazawa, K., Hasebe, T., Jikihara, K., Ishihara, M., Yamada, Y. Practical use of a liquid helium-free superconducting magnet 3302
Watanabe, K., Momose, M., Hara, K., Munekata, H., Kukimoto, H. Selective area chemical beam epitaxy of GaAs using Ga_2O_3 as a mask layer 40414
Watanabe, K., Okabe, H., Shimomura, K. Application of the M Parallel Series computers by the Chugoku Electric Power Co., Inc 28779
Watanabe, K., Okada, H., Tanaka, H., Sakamoto, M., Toyomasu, S., Okyudo, N. Classroom lessons of astronomy using the Internet and its multimedia applications 26211
Watanabe, K., Okada, T., Il Yong Choe, Sato, Y., Suzuki, T., Homma, K. Mechanism of current response in a sensor using porous silicon 27760
Watanabe, K., Sasaki, R., Sakuma, S., Nakamura, S., Hojo, T. Source module with IOC and detectors for low cost fiber optic gyro 36595
Watanabe, K., Sato, J., Kagenaga, K., Somei, H., Homma, M., Kaneko, E., Takahashi, H. The anode surface temperature of CuCr contacts at the limit of current interruption 29477
Watanabe, K., Tamura, H., Nakano, K., Sengoku, M. The p-collection problem in a network with lower bounds 52504
Watanabe, K., Watanabe, T., Nakano, H., Honnma, K., Matsui, T. Improvement of yoke materials for a PM stepping motor 9278
Watanabe, K., Yasumoto, K. A novel coupled-mode formulation based on singular perturbation technique [optical waveguides] 55266
Watanabe, K. *see* Binnendijk, M. 29475
Watanabe, K. *see* Goto, T. 32886
Watanabe, K. *see* Han, G.C. 43743
Watanabe, K. *see* Hashimoto, T. 22530
Watanabe, K. *see* Hozumi, N. 50574
Watanabe, K. *see* Inoue, T. 37062
Watanabe, K. *see* Isobe, C. 52799
Watanabe, K. *see* Ito, H. 22379
Watanabe, K. *see* Iwai, Y. 25330
Watanabe, K. *see* Kamio, H. 7217
Watanabe, K. *see* Katagiri, K. 3269
Watanabe, K. *see* Katagiri, K. 55106
Watanabe, K. *see* Kawashima, S. 58484
Watanabe, K. *see* Matsuda, I. 46099
Watanabe, K. *see* Miura, S. 4206
Watanabe, K. *see* Miyamoto, K. 37185
Watanabe, K. *see* Nakamura, K. 17105
Watanabe, K. *see* Ohshima, Y. 18083
Watanabe, K. *see* Saito, M. 12071
Watanabe, K. *see* Seino, H. 20159
Watanabe, K. *see* Shintake, T. 37131
Watanabe, K. *see* Shirabe, K. 22631
Watanabe, K. *see* Watanabe, T. 55207
Watanabe, K. *see* Yamada, M. 27502
Watanabe, M., Genjima, Y., Turumi, K. Electrochemical oxidation of methanol on platinum electrodes with ruthenium ad-atoms in hot phosphoric acid 51502
Watanabe, M., Iizuka, F., Asada, M. Visible light emission from nanocrystalline silicon embedded in CaF_2 layers on Si(111) 23661
Watanabe, M., Kambayashi, T. Analysis of a new PIN photodiode for optical integrated circuits 44256
Watanabe, M., Shimano, Y., Okada, H., Onnagawa, H. Optimization method of memory characteristics in antiferroelectric liquid crystals 44100
Watanabe, M., Shutoh, K., Arai, J. Quench characteristics of Y based high Tc superconductor for impulse currents 38381
Watanabe, M., Takeda, N., Onoguchi, K. A moving object recognition method by optical flow analysis 5124
Watanabe, M., Uchida, H., Hiratsuka, H., Kitai, T., Nishizaki, K., Nakajima, N., Miyoshi, H. Electrochemical evaluation of fill-level with electrolyte in gas diffusion electrodes at phosphoric acid fuel cells 51501

Watanabe, M., Uchida, H., Seki, Y., Emori, M., Stonehart, P. Self-humidifying polymer electrolyte membranes for fuel cells 51496
Watanabe, M. *see* Hamamoto, Y. 5604
Watanabe, M. *see* Hongo, H. 22742
Watanabe, M. *see* Itoh, H. 36908
Watanabe, M. *see* Mori, K. 13046
Watanabe, M. *see* Mori, M. 33179
Watanabe, M. *see* Nadaya, N. 46992
Watanabe, M. *see* Nayar, S.K. 17544
Watanabe, M. *see* Noda, Y. 60960
Watanabe, M. *see* Ohtomo, N. 7872
Watanabe, M. *see* Seino, T. 21982
Watanabe, M. *see* Takada, J. 22380
Watanabe, M. *see* Takeda, N. 35313
Watanabe, M. *see* Uchida, H. 51535
Watanabe, M. *see* Ueda, F. 38884
Watanabe, M. *see* Uedono, A. 54030
Watanabe, M. *see* Yamaguchi, M. 7561
Watanabe, M.H. Fabrication of nickel microbump on aluminum substrate using electroless nickel plating 10104
Watanabe, M.M., Oppenheim, I.C., Missell, F.P. Effect of the Cr underlayer on evaporated CoCr films 884
Watanabe, N., Ito, H., Ishibashi, T. Mechanism of carbon incorporation into GaAs studied using isotopically labeled trimethylarsine 32149
Watanabe, N., Nakachi, T., Hamada, N. 2-D adaptive line enhancer using a new lattice structure 56521
Watanabe, N. *see* Koyanagi, K. 47109
Watanabe, N. *see* Nakano, H. 33575
Watanabe, O. *see* Maeno, H. 60083
Watanabe, O. *see* Watanabe, I. 10164
Watanabe, R. *see* Itabashi, T. 12034
Watanabe, R. *see* Takahashi, A. 12047
Watanabe, S. A finite wavelet decomposition method 24907
Watanabe, S., Aono, M., Kato, S. Reduction of outgassing rate from residual gas analyzers for extreme high vacuum measurements 12057
Watanabe, S., Fujii, T. Micro-fabricated piezoelectric cantilever for atomic force microscopy 7250
Watanabe, S., Ichise, N., Suzuki, N., Baba, N. A study for the threshold problem in the method of noise suppression utilizing the phase spectrum 4933
Watanabe, S., Ishikura, T., Hayashi, N., Uchida, Y., Duck-Chool Lee, Dykes, D., Touchard, G., Ieda, M. Potential energy in the electrical double layer and slipping plane potential 24357
Watanabe, S., Komatsu, T., Saito, T. Zero-crossing representation in the wavelet transform domain and signal reconstruction 25295
Watanabe, S., Kuwatsuka, H., Takeda, S., Ishikawa, H. Polarisation-insensitive wavelength conversion and phase conjugation using bi-directional forward four-wave mixing in a lasing DFB-LD 33691
Watanabe, S., Sugita, Y. Infrared observation of the hydrogenation of Si surface in deoxygenated water 12754
Watanabe, S., Yamamoto, T., Hayashi, N., Uchida, Y., Higa, S., Dykes, D., Touchard, G. The electric properties of an iron-kaolin functionally gradient material 40666
Watanabe, S. *see* Baba, N. 1957
Watanabe, S. *see* Furuhashi, H. 41695
Watanabe, S. *see* Fuse, T. 41104
Watanabe, S. *see* Hara, S. 22651
Watanabe, S. *see* Heike, S. 2369
Watanabe, S. *see* Hirashi, K. 51228
Watanabe, S. *see* Ichise, N. 1958
Watanabe, S. *see* Inaba, T. 21659
Watanabe, S. *see* Itatani, J. 23833
Watanabe, S. *see* Nakano, H. 1405
Watanabe, S. *see* Ogasawara, K. 51844
Watanabe, S. *see* Otaka, S. 26603
Watanabe, S. *see* Shiratake, S. 53298
Watanabe, S. *see* Sugita, Y. 2371
Watanabe, S. *see* Takashima, D. 1418
Watanabe, S. *see* Taki, M. 6501
Watanabe, S. *see* Terauchi, M. 43300
Watanabe, S. *see* Tsuchiya, H. 46094
Watanabe, S. *see* Ukai, Y. 8047
Watanabe, S. *see* Watanabe, T. 37036
Watanabe, S. *see* Yoshimi, M. 11455
Watanabe, T. Performance improvement for picture coding making use of B-spline surfaces 5232
Watanabe, T. MULTI-PRIDE: a system for supporting multi-layered printed wiring board design 41604
Watanabe, T. Effects of pitch adaptation in prosody on human-machine verbal communication 56375
Watanabe, T. Image coding making use of B-spline surfaces 56691
Watanabe, T., Asai, H. Acceleration techniques for waveform relaxation approaches to coupled lossy transmission lines circuit analysis using GMC and GLDW techniques 1095
Watanabe, T., Fujii, T. A hierarchical MCM routing using four-via routing 53870
Watanabe, T., Fujita, R., Yanagisawa, K., Tanaka, H., Ayukawa, K., Soga, M., Tanaka, Y., Sugie, Y., Nakagome, Y. A modular architecture for a 6.4-Gbyte/s, 8-Mbit media chip 1388
Watanabe, T., Hiraga, H., Abe, Y., Miyagi, M. Fabrication of silver hollow nickel waveguides with multiple inner dielectric layers by the outer-coating method 3410
Watanabe, T., Iwashita, K., Ota, T., Shigematsu, T., Watanabe, K. Reconnectable 1×8 star coupler device for coupling single mode silica-based waveguides to a multifiber-array 55207
Watanabe, T., Katayama, T., Watanabe, S., Yoshizawa, M., Arakaki, Y., Chida, K., Tomizawa, M., Takanaka, M., Kanazawa, M., Hosono, K., Noda, A. Beam position monitoring system and COD correction at the cooler synchrotron TARN II 37036
Watanabe, T., Mizuno, M., Mizuno, T. Adaptive environment observation for distributed agents moving in a lattice world 57636
Watanabe, T., Ogawa, M., Nishikawa, K., Harada, T., Teramoto, E., Morita, M. Mobile antenna system for direct broadcasting satellite 35934
Watanabe, T., Ohe, S., Ogasa, M. Practical method of readhesion control for electric motor vehicles with three phase drive 51804
Watanabe, T., Takeuchi, N., Ueno, H., Nagabuchi, S., Hayashi, H., Saitou, Y. PWM converter using instantaneous current detection for linear generator of Maglev vehicle 51770
Watanabe, T., Tsukada, Y. Thermal fatigue life and failure mechanism of plastic-BGA 10174
Watanabe, T. *see* Abe, Y. 55241
Watanabe, T. *see* Ando, M. 34359
Watanabe, T. *see* Arai, S. 21366
Watanabe, T. *see* Asano, T. 17066
Watanabe, T. *see* Chigiri, T. 29341
Watanabe, T. *see* Chujoh, T. 46443
Watanabe, T. *see* Doi, H. 2912
Watanabe, T. *see* Fujita, K. 13866
Watanabe, T. *see* Fujita, T. 30534
Watanabe, T. *see* Fukumoto, Y. 11855
Watanabe, T. *see* Goto, S. 38927
Watanabe, T. *see* Hatano, H. 38140
Watanabe, T. *see* Hida, Y. 44035
Watanabe, T. *see* Hoshimiya, N. 59810
Watanabe, T. *see* Itoh, H. 51515
Watanabe, T. *see* Itoh, K. 1387
Watanabe, T. *see* Itoh, K. 53290
Watanabe, T. *see* Jong-Chul Kim 36821
Watanabe, T. *see* Katoh, T. 17107
Watanabe, T. *see* Kobayashi, M. 39247
Watanabe, T. *see* Kudo, I. 14991
Watanabe, T. *see* Kuno, Y. 5653
Watanabe, T. *see* Kuwano, H. 38112
Watanabe, T. *see* Minami, K. 12108
Watanabe, T. *see* Minami, K. 22181
Watanabe, T. *see* Minowa, M. 36582
Watanabe, T. *see* Miyazaki, H. 22339
Watanabe, T. *see* Morita, S. 10599
Watanabe, T. *see* Murakami, J. 8843
Watanabe, T. *see* Murata, H. 40838
Watanabe, T. *see* Nakamura, K. 9303
Watanabe, T. *see* Nakasuji, A. 58045
Watanabe, T. *see* Oda, M. 32305
Watanabe, T. *see* Ohkubo, K. 53935
Watanabe, T. *see* Ohnishi, H. 12874
Watanabe, T. *see* Roy, P.K. 1910
Watanabe, T. *see* Saito, T. 27072
Watanabe, T. *see* Shinoda, K. 15094
Watanabe, T. *see* Shuto, S. 1365
Watanabe, T. *see* Shuto, Y. 33721
Watanabe, T. *see* Sudou, S. 37282
Watanabe, T. *see* Suguri, K. 1447
Watanabe, T. *see* Sunouchi, K. 41169
Watanabe, T. *see* Takahashi, N. 30742
Watanabe, T. *see* Takebe, T. 52687
Watanabe, T. *see* Tao, X.T. 44663
Watanabe, T. *see* Tominaga, K. 13687
Watanabe, T. *see* Tomita, N. 22375
Watanabe, T. *see* Usui, M. 13644
Watanabe, T. *see* Watanabe, K. 9278
Watanabe, T. *see* Xu, C.N. 43889
Watanabe, T. *see* Yamamoto, K. 43907
Watanabe, T. *see* Yamamoto, S. 43784
Watanabe, T. *see* Yamamoto, T. 20007
Watanabe, T. *see* Yamamoto, T. 23945
Watanabe, T. *see* Yamamoto, T. 51519
Watanabe, W., Tanida, J., Ichioka, Y. Optical implementation of Baker's map using parallel feedback system 23614
Watanabe, Y., Edo, M., Nakazawa, H., Yonezawa, E. A new fabrication process of a planar coil using photosensitive polyimide and electroplating 13176
Watanabe, Y., Ino, K., Yoneyama, T., Ishikawa, J., Ellis, N., Capstick, J. New tensile strength measurement method for individual flip chip bump 10133
Watanabe, Y., Matsumoto, M., Takasu, K. The market for utility-scale fuel cell plants 19638
Watanabe, Y., Okuyama, K., Watanabe, E., Matsumoto, H. Lightning monitoring system 50043
Watanabe, Y., Yoshino, K., Kakeshita, T. Solving combinatorial optimization problems using the oscillatory neural network 21102
Watanabe, Y. *see* Akaboshi, T. 16353
Watanabe, Y. *see* Ezure, H. 50743
Watanabe, Y. *see* Hanazawa, M. 11037
Watanabe, Y. *see* Ihara, T. 47940
Watanabe, Y. *see* Inoue, Y. 49326
Watanabe, Y. *see* Ishizaki, A. 13350
Watanabe, Y. *see* Ishizaki, A. 54995
Watanabe, Y. *see* Kato, T. 51866
Watanabe, Y. *see* Kimizuka, M. 42575
Watanabe, Y. *see* Maeda, F. 52696
Watanabe, Y. *see* Mineta, T. 27925
Watanabe, Y. *see* Moyoshi, M. 59721
Watanabe, Y. *see* Nakamura, Y. 42439
Watanabe, Y. *see* Ohshima, Y. 18083
Watanabe, Y. *see* Uchida, T. 13363
Watanabe, Y. *see* Wong, H. 1417
Watanabe, Y. *see* Yamaguchi, I. 11988
Watanabe, Y. *see* Yuasa, T. 37671
Watanuki, Y. *see* Yoshida, T. 51590
Watapiabe, Y. *see* Kotama, M. 13324
Watarai, H., Hayata, E., Matsumoto, T., Takahashi, H., Tutui, Y., Yoda, H., Matsuhara, H., Greene, T.P. MIRFI: a mid-infrared Fabry-Perot imager 17396
Watari, H. *see* Okihara, N. 35864
Watari, Y. *see* Sonoda, N. 31933
Watase, Y. *see* Arai, Y. 37267
Watase, Y. *see* Arai, Y. 37268
Watazawa, K. *see* Watanabe, K. 3302
Watazawa, K. *see* Watanabe, K. 13520
Watazawa, K. *see* Watanabe, K. 43842
Watchueng, H. *see* Dulmet, B. 23287
Water Lur *see* Ching-Lin Fan 12946
Waterbury, S.S. *see* Frey, D.J. 39417
Waterfield, P., Norton, B., Yohanis, Y. Energy Design Advice Scheme: operational experience in Northern Ireland 51634
Waterhouse, R.B., Novak, D. Low cost printed antenna suitable for indoor wireless base stations 35929
Waterhouse, R.B., Targonski, S.D. Performance of microstrip patches incorporating a single shorting post 34221
Waterhouse, R.B. *see* Kokotoff, D.M. 56179
Waterhouse, R.B. *see* Targonski, S.D. 34219
Waterman, D. Local monopsony and free riders 27164
Waterman, J. *see* Benson, J.D. 21287
Waterman, J.R. *see* Wagner, R.J. 42107
Waterman, M.S. *see* Vingron, M. 11027
Watermann, A., Altes, J. Finite element calculations at the parallel computers Intel/Paragon, IBM SP-2, and a cluster of DEC-ALPHA workstations 21201
Watermann, V. *see* Ostermayer, M. 30190
Waters, A.G., Crawford, J.S. Low-cost ATM multicast routing with constrained delays 16056
Waters, A.G. *see* Shandal, A.K. 35377
Waters, C.K. *see* Chen, J.C. 20611
Waters, G. *see* Akehurst, D. 35378
Waters, G.T. Television in the digital era 17033
Waters, J. *see* Subra, W. 18920
Waters, L. Target/blanket technology demonstration activities 18065
Waters, L.S. *see* Buksa, J.J. 7759
Waters, L.S. *see* Lee, S.K. 7713
Waters, M. *see* Kinane, B. 26032
Waters, R.C., Anderson, D.B., Yerazunis, W.S., Kozuka, H., Fukuoka, H. "SPLINE," a software platform for distributed virtual environments 57941
Waters, R.T. The long spark and lightning simulation 2893
Waters, R.T. *see* Benzaoua, F.S. 19415
Waterworth, T.F., Phillips, T.J., Towler, M.J., Sage, I.C., Crowther, H.M. On the measurement of switching parameters of ferroelectric liquid crystal devices: a new method for material assessment 54989
Watkin, K.L. *see* Souheil, H. 18357
Watkins, A.N. *see* Chagnard, C. 7288
Watkins, A.S.P. *see* Lacroix, Y. 2012
Watkins, L. *see* Pierce, I. 34172
Watkins, L.R. *see* Zhou, Y.R. 47928
Watkins, M.M. *see* Kuang, D. 36069
Watkins, M.M. *see* Zumberge, J.F. 60019
Watkins, P.R.D. *see* Raaijmakers, C.P.J. 8109
Watkins, R.M. *see* Goebel, D.M. 54000
Watkins, S.E. *see* Akhavan, F. 36625
Watkins, S.P. *see* Ares, R. 40481
Watkins, S.P. *see* Bolognesi, C.R. 43147
Watkins, S.P. *see* Tran, C.A. 41960
Watko, E. *see* Venkatasubramanian, R. 32045
Watko, E. *see* Venkatasubramanian, R. 52672
Watlington, J.A., Bove, V.M., Jr. Stream-based computing and future television 57201
Watlington, J.A. *see* Wong, J.J. 47451
Watola, D.A. *see* Hampshire, J.B., II 26677
Watrin, E. *see* Blanck, H. 53667
Watring, D.A. The effects of vertical magnetic fields on segregation in HgCdTe 10583
Watring, D.A., Lehoczky, S.L. Magneto-hydrodynamic damping of convection during vertical Bridgman-Stockbarger growth of HgCdTe 679
Watrous, J., Parks, D., Grossmann, J. The Hall effect in Mach2: initial simulation results 19898
Watrous, J. *see* Parks, D. 19896
Watson, A., Hua Ren, D. Current response to ramped voltage application for a variety of dielectric liquids 32604
Watson, A., Sasse, M.A. Evaluating audio and video quality in low-cost multimedia conferencing systems 6276
Watson, A. *see* Brawn, I. 59325
Watson, A.B. *see* Rosenholtz, R. 57011
Watson, C.C., Newport, D., Casey, M.E., deKemp, R.A., Beanlands, R.S., Schmand, M. Evaluation of simulation-based scatter correction for 3-D PET cardiac imaging 37675

Watson, C.D., Wilson, M.G.F. Proposal for a 94-GHz phase-reversal optical modulator using a loaded transmission line 23574
Watson, C.J. *see* Dyer, C.S. 28496
Watson, C.R. *see* Arai, Y. 37267
Watson, C.R. *see* Arai, Y. 37268
Watson, D. *see* Allie, S. 40848
Watson, D. *see* Andresen, D. 47216
Watson, D.B. Time lags in the impulse voltage breakdown of PMMA at high temperatures 13212
Watson, D.B., Ma, L. The impulse breakdown trajectory in air between rod and plane electrodes 54908
Watson, D.J. *see* Owens, A. 18148
Watson, E.A. *see* Dominic, V.G. 23594
Watson, G.A. *see* Blair, W.D. 48091
Watson, G.H., Watson, S.K. Detection of unusual events in intermittent non-Gaussian images using multiresolution background models 15968
Watson, G.P., Fu, D., Berger, S.D., Tennant, D., Fetter, L., Novembre, A., Biddick, C. Measurement of the backscatter coefficient using resist response curves for 20-100 keV electron beam lithography on Si 32288
Watson, G.P. *see* Harriott, L.R. 22700
Watson, G.P. *see* Harriott, L.R. 42874
Watson, I.M. *see* O'Brien, P. 12260
Watson, J. The technology that drove the 'dash for gas' 50797
Watson, J., Tamadoni, R., McMurray, N., Coles, G.S.V. Gas monitoring instrument utilising fibre optic, piezoelectric and gas-sensitive polymer techniques 17586
Watson, J. *see* Fawcett, B.K. 46045
Watson, J. *see* Mohamad, G.H.P. 48731
Watson, J. *see* Turner, J. 12809
Watson, J.A. *see* Nelson, C.S. 30064
Watson, J.G. *see* Cui, Z. 42829
Watson, J.G. *see* Zheng Cui 22716
Watson, K. *see* Frair, K. 20656
Watson, K. *see* Keyvani, D. 27740
Watson, K. *see* Nagumo, H. 5337
Watson, K.A., Liechtl, K.M. Adhesion measurements of printed wiring board assemblies 1760
Watson, K.L. *see* Adams, S.G. 20657
Watson, K.L. *see* Malave, C.O. 20703
Watson, N.R. *see* Arrillaga, J. 60357
Watson, P. *see* Laneve, T. 53627
Watson, P.A. *see* Jones, S.M.R. 24474
Watson, P.A. *see* Yusoff, M.M.B.M. 24473
Watson, P.K. The growth rate of EHD instabilities induced by unipolar injection 23100
Watson, P.K. EHD-enhanced, space-charge-limited currents in insulating liquids 32598
Watson, P.K., Qureshi, M.I., Chadband, W.G. Diffusion limited growth of negative point, pre-breakdown cavities in silicone fluids 23121
Watson, P.K., Qureshi, M.I., Chadband, W.G. A diffusion limited mechanism to explain current pulse rate in a pre-breakdown current burst in silicone fluids 43548
Watson, P.K., Yamishita, H., Chadband, W.G. Ring vortices in point-plane gaps at sub-breakdown fields 23128
Watson, P.M., Gupta, K.C. EM-ANN models for microstrip vias and interconnects in dataset circuits 21966
Watson, R., O'Neill, P. Gesture recognition for manipulation in artificial realities 56821
Watson, R.M. *see* Darveniza, M. 8883
Watson, S.J., Ter-Gazarian, A.G. The optimisation of renewable energy sources in an electrical power system by use of simulation and deterministic planning models 28825
Watson, S.K. *see* Watson, G.H. 15968
Watson, T.F. *see* Juskaitis, R. 58858
Watson, W. *see* Hovater, C. 49131
Watson, Y. *see* Hawnaur, J.M. 59478
Watson-Walker, M.A., Gray, R.J. The Institution of Railway Signal Engineers licensing scheme–promoting competence in the workplace 20566
Watt, M. PV applications in Australia 38643
Watt, P. *see* Nehra, D. 49403
Wattal, S. *see* Franco, P. 48353
Watters, D.G. *see* Falconer, D.G. 58463
Watters, V.J. *see* Scriven, G.J. 52671
Watterson, J.K., Raghunathan, S. Investigation of Wells turbine performance using 3-D CFD 29175
Watthanasarn, C. *see* Zhang, L. 9364
Watton, R., Manning, P.A., Perkins, M.C.J., Gilham, J.P., Todd, M.A. Uncooled IR imaging: hybrid and integrated bolometer arrays [using ferroelectrics] 36658
Watts, A. The choice of nonvolatile memory 41154
Watts, C., Greasley, H. Targeting real-time embedded control 57888
Watts, D., Li, F., Vu, F., Cashin, W.F., English, T.C. Specifying commercial atomic frequency standards using statistics 27319
Watts, D.P. *see* MacGregor, I.J.D. 37365
Watts, J.F. *see* Fan, W. 42404
Watts, J.U., Sarkus, T.A., Marchant, S.K. DOE's clean coal technology program: commercial successes 19563
Watts, J.W., Mitchell, E.E., Dwan, T.E., Urback, H.B., Garman, R.W. Improved efficiency and power burst in a gas turbine engine 50793
Watts, K. *see* Stauf, G.T. 53269
Watts, L.C., Boulios, K., Hartwig, K.T., Huson, F.R. Support system design incorporating carbon/epoxy tension straps for a four tesla, one meter bore, MRI magnet 32940
Watts, N.R. Building organizational excellence in a PCB manufacturer 9976
Watts, S. Cell-averaging CFAR gain in spatially correlated K-distributed clutter 6873
Watts, S. *see* Abe, K. 59233
Watts, S. *see* Holmes-Siedle, A. 27685
Watts, S.J. Overview of radiation damage in silicon detectors–models and defect engineering 59246
Watts, S.J., Matheson, J., Hopkins-Bond, I.H., Holmes-Siedle, A., Mohammadzadeh, A., Pace, R. A new model for generation-recombination in silicon depletion regions after neutron irradiation 22215
Watts, S.J. *see* Holland, A.D. 49858
Watts, V. *see* Grimm, T. 39699
Watwe, A.A., Bar-Cohen, A., McNeil, A. Combined pressure and subcooling effects on pool boiling from a PPGA chip package 284
Watzmann, M., Roskowetz, S. Chinese rolling mill for extra high grade aluminium strip 20265
Wauer, L. D-flipflops: asynchronous design with a simple PLD realisation 1255
Waugh, A., Bearman, M. Designing an ODP trader implementation using X.500 6157
Waugh, M. Group interaction and student questioning patterns in an instructional telecommunications course for teachers 20442
Wauschkuhn, B., Wascher, E., Verleger, R. Lateralised cortical activity due to preparation of saccades and finger movements: a comparative study 59643
Wauters, F. *see* Spaepen, A. 6324
Wauters, N., Demeester, P. Wavelength routing algorithms for transparent optical networks 26761
Wauters, N., Demeester, P. Wavelength translation in optical multi-wavelength multi-fibre transport networks 26863
Wavrik, R. *see* Mazarakis, M.G. 17897
Wawer, R. *see* Mahler, G. 42100
Wawryn, K. A formal language description and inference strategy for analog circuit design 13135
Wawryn, K. Current mode artificial neural networks 41378
Wawryn, K., Strzeszewski, B. Low power VLSI neuron cells for artificial neural networks 1662
Wawrzik, U. *see* Abt, K.O. 60457
Wawrzynek, J., Asanovic, K., Kingsbury, B., Beck, J., Johnson, D., Morgan, N. SPERT-II: a vector microprocessor system and its application to large problems in backpropagation training 53323
Wawrzynek, J. *see* Lazzaro, J. 53373
Wawzyn, K., Drabarek, J. Automated fault diagnosis in electronic system based on multilevel formal language 11047
Wax, M., Leshem, A. Joint estimation of time delays and directions of arrival of multiple reflections of a known signal 24947
Wax, M., Sheinvald, J. A least-squares approach to joint diagonalization 34763
Wax, M. *see* Yingbo Hua 45481
Waxman, A.M., Gove, A.N., Fay, D.A., Racamato, J.P., Carrick, J.E., Seibert, M.C., Savoye, E.D. Color night vision: opponent processing in the fusion of visible and IR imagery 25546
Waxman, A.M., Gove, A.N., Seibert, M.C., Fay, D.A., Carrick, J.E., Racamato, J.P., Savoye, E.D., Burke, B.E., Reich, R.K., McGonagle, W.H., Craig, D.M. Progress on color night vision: visible/IR fusion, perception & search, and low-light CCD imaging 17511
Way, B.S., Hosom, D.S., Ware, J.D., Trask, R.P., Allsup, G.P. Vector Measuring Current Meter (VMCM) upgrade 50181
Way, J.D. *see* Ott, A.W. 10876
Way, R.L.Van *see* Van Way, R.L.
Way, T.P., Barner, K.E. Automatic visual to tactile translation. I. Human factors, access methods and image manipulation 49801
Way, T.P., Barner, K.E. Automatic visual to tactile translation. II. Evaluation of the TACTile image creation system 49802
Way, W.I. *see* Yin, S.C. 7074
Way Lin *see* Cheng, P.-H. 23925
Way-Ming Chen *see* Sheng-Lyang Jang 2602
Way-Seen Wang *see* Ching-Long Tsai 56104
Way-Seen Wang *see* Ruei-Chang Lu 44009
Wayashi, M. *see* Nomura, T. 13396
Wayland, R. *see* Shin, F.B. 27100
Wayland, R.F. *see* Shin, F.B. 48133
Waymel, X. *see* Pace, M.O. 43455
Waymouth, J.F. Where we are in light source performance; where we would like to get 20218
Waymouth, J.F. *see* Johnson, K.F. 20219
Wayne, A. *see* Savaria, Y. 45723
Wayne, M. *see* Adams, D. 59218
Wayne Chen FCOB reliability evaluation simulating multiple rework/reflow processes 39784
Wayne Wei-Ming Dai *see* Darnauer, J. 21619
Wayne Wei-Ming Dai *see* Haifang Liao 40784
Wayne-Shien Chou *see* Chou Wayne-Shien
Wayner, P. Inside the NC 6052
Wayner, P. How microchips shook the world 11456
Waytena, G.L. *see* Hoff, H.A. 12544
Wazwaz, A.M., Khuri, S.A. A reliable technique for solving the weakly singular second-kind Volterra-type integral equations 10549
Weate, S.J. *see* Drake, M.E., Jr. 49579
Weatherford, M. MOSIS eyes the future 52169
Weatherford, T. *see* Buchner, S. 23012
Weatherford, T. *see* Pieper, R.J. 41813
Weatherford, T.R., Marshall, P.W., Dale, C.J., McMorrow, D., Peczalski, A., Baier, S., Carts, M., Twigg, M. Soft error immune LT GaAs ICs 43339
Weatherill, N.P. A review of mesh generation 10563
Weatherly, G. *see* Goldberg, R.D. 12698
Weatherly, G.C. *see* Okada, T. 40315
Weathers, C.I. *see* Vaughan, D.A. 1837
Weathers, L.W., Tsang, M.B. Fabrication of thin scintillator foils 37277
Weaver, C.F. *see* Rege, K.M. 26636
Weaver, E.R., Yots, C.M. ESD induced capacitor shorts 21987
Weaver, G., Hanson, W., Wickard, T. An in situ technique for the resolution of aging contributions between quartz resonators and oscillator circuits 32759
Weaver, G.Q. *see* Ealey, M.A. 33191
Weaver, I. *see* MacPhee, A.G. 13967
Weaver, J. *see* Shkvarunets, A. 1947
Weaver, J.H. *see* Cha, C.Y. 22562
Weaver, J.M.R. *see* Cumming, D.R.S. 22730
Weaver, J.M.R. *see* Midha, A. 42818
Weaver, J.N. *see* Sanghyun Park 37140
Weaver, M.S., Bradley, D.D.C. Organic electroluminescence devices fabricated with chemical vapour deposited polyazomethine films 44287
Weaver, M.S. *see* Lidzey, D.G. 33297
Weaver, M.S. *see* Pavier, M.A. 33244
Weaver, P.M. *see* McBride, J.W. 19905
Weaver, R. *see* Kremens, R.L. 36384
Weaver, S. *see* Sarto, A.W. 4109
Weaver, S. *see* Sarto, A.W. 24588
Weaver, S. *see* Wagner, K. 27006
Weaver, T.L. The aircraft optical cable plant: the physical layer for fly-by-light control networks 59900
Webb, A. Software for risk analysis in business projects. I 20739
Webb, A. Software for risk analysis in business projects. II 39651
Webb, A.G., Smith, N.B., Ellis, D.S., O'Brien, W.D., Jr. Non-invasive in-vivo temperature mapping of ultrasound heating using fluorine-based magnetic resonance imaging agents 28419
Webb, A.R., Garner, P.N. Source position estimation using radial basis functions 16848
Webb, B.N. *see* Lersch, J.R. 15768
Webb, B.N. *see* West, K.F. 18950
Webb, C.A., III *see* Chih-Lin I. 47369
Webb, C.E. *see* Cashmore, J.S. 55578
Webb, D.B., Mittra, R. Practical implementation of the complex image method for the solution of non-planar multilayered media problems 34251
Webb, D.C. *see* Newman, H.S. 41404
Webb, D.J., Surowiec, J., Sweeney, M., Jackson, D.A., Gavrilov, L., Hand, J.W., Zhang, L., Bennion, I. Miniature fibre optic ultrasonic probe 37700
Webb, D.J. *see* Brady, G.P. 27596
Webb, D.J. *see* Brady, G.P. 36601
Webb, D.J. *see* Dhliwayo, J. 48591
Webb, D.J. *see* Heron, N.A. 48578
Webb, D.J. *see* Heron, N.A. 48581
Webb, D.J. *see* Podolcanu, A.Gh. 7665
Webb, D.J. *see* Shamonina, E. 33611
Webb, D.J. *see* Yun-Jiang Rao 58818
Webb, D.L., Hung, L.L., Elliott, D.F. Algorithms for EO sensor SNR enhancement and smoothing 7431
Webb, D.P. *see* Florence, W.Hu. 52784
Webb, D.W. *see* Zielinski, A.E. 24415
Webb, E.A. *see* Raine, J.K. 39712
Webb, F.H. *see* Rosen, P.A. 28607
Webb, F.H. *see* Zumberge, J.F. 60019
Webb, J., Nemechek, J. Optical fabrication rises to the 193-nm challenge 32342
Webb, J. *see* Ramanathan, K. 39074
Webb, J.J. *see* Mikkilineni, R.P. 45678
Webb, J.L.H. Postprocessing to reduce blocking artifacts for low bit-rate video coding using chrominance information 57084
Webb, J.P. *see* Choi, C.T.M. 45063
Webb, J.S. Power plant procurement in the 1990s 29064
Webb, K.J. *see* Haq, T.U. 21876
Webb, M. Water in oils 38794
Webb, M. Transformer condition assessment with the Tettex recovery voltage method 38802
Webb, P.W. Thermal design of gallium arsenide MESFETs for microwave power amplifiers 53603
Webb, P.W. *see* Russell, I.A.D. 45273
Webb, P.W. *see* Thomas, K.P. 42900
Webb, P.W. *see* Thomas, K.P. 42901
Webb, P.W. *see* Zandhuis, J.A. 39871
Webb, R.P. *see* Jeynes, C. 12153
Webb, S., Bortfeld, T., Stein, J., Convery, D. The effect of stair-step leaf transmission on the "tongue-and-groove problem" in dynamic radiotherapy with a multileaf collimator 49781
Webb, S.C. Rate responsive pacing; sensors and application algorithms 28446
Webb, S.J. *see* Artus, L. 22413
Webb, S.J. *see* Nagata, K. 22251
Webb, S.M. *see* Guild, K.M. 6717
Webb, S.M. *see* Sian, S.S. 26825
Webb, T. *see* Ye, Y. 54477

Webb, T.R. *see* Ma, D.X. 54530
Webber, C.E. *see* Gordon, C.L. 49510
Webber, I.A. *see* Everson, R. 28648
Webber, J.M. *see* Myers, S.R. 36385
Webber, L.M., Brien, J.P. Facsimile technology improving access to agricultural information in outback Australia 6022
Webber, R. *see* Young, P. 37201
Webelacker, H.K. *see* Schulter, O. 16160
Weber, A., Dietz, A., Pockelmann, R., Klages, C.-P. Metallization of polymers using plasma-enhanced chemical vapor deposited titanium nitride as interlayer 54494
Weber, A., Manner, R., Waser, R., Ivers-Tiffee, E. Interaction between microstructure and electrical properties of screen printed cathodes in SOFC single cells 51520
Weber, A., Poeckelmann, R., Klages, C.-P. Plasma CVD of high quality titanium nitride using titanium(IV)isopropoxide as precursor 40563
Weber, A. *see* Reisse, G. 40523
Weber, B. *see* Butas, J. 32544
Weber, B. *see* Kortbawi, D. 19892
Weber, B.R. *see* Niemann, R.C. 39255
Weber, B.V. *see* Sanford, T.W.L. 7753
Weber, C.E. *see* McCormick, C.S. 22878
Weber, C.L. *see* Ho-Kyoung Lee 34515
Weber, D., Casasent, D. Quadratic Gabor correlation filters for object detection 35000
Weber, D.L. *see* Powers, D.M.W. 45797
Weber, E.R. *see* Hieslmair, H. 32250
Weber, E.R. *see* Liliental-Weber, Z. 10804
Weber, E.R. *see* McHugo, S.A. 2298
Weber, E.R. *see* McHugo, S.A. 42351
Weber, E.R. *see* Rogalla, M. 32358
Weber, E.R. *see* Schwarz, R.B. 41919
Weber, G.R. *see* Cirelli, R.A. 32279
Weber, H., Matz, R., Weimann, G. A laser dry etch process for smooth continuous relief structures in InP 12729
Weber, H. *see* Beck, T. 14480
Weber, H. *see* Bostanjoglo, G. 14033
Weber, H. *see* Bostanjoglo, G. 14488
Weber, H. *see* Bostanjoglo, G. 33432
Weber, H. *see* Eppich, B. 55774
Weber, H. *see* Gutmann, B. 45718
Weber, H. *see* Richter, K. 14482
Weber, H. *see* Wolf, T. 10990
Weber, H. *see* Wolf, T. 15753
Weber, H.G. *see* Diez, S. 33516
Weber, H.G. *see* Ding, Y. 3862
Weber, H.G. *see* Jahn, E. 26838
Weber, H.G. *see* Jahn, E. 36142
Weber, H.G. *see* Koltchanov, I. 3861
Weber, H.G. *see* Ludwig, R. 26756
Weber, H.G. *see* Ludwig, R. 26782
Weber, H.G. *see* Obermann, K. 14187
Weber, H.G. *see* Obermann, K. 33544
Weber, H.G. *see* Obermann, K. 48021
Weber, H.G. *see* Pogany, P. 55659
Weber, H.P. *see* Frenz, M. 18504
Weber, H.P. *see* Ghisler, C. 3727
Weber, H.P. *see* Graf, T. 23851
Weber, H.P. *see* Wittwer, S. 3766
Weber, H.von *see* von Weber, H.
Weber, H.W. *see* Humer, K. 52892
Weber, H.W. *see* Humer, K. 59113
Weber, H.W. *see* Sternberg, A. 43503
Weber, J., Malik, J. Rigid body segmentation and shape description from dense optical flow under weak perspective 46074
Weber, J., Matthies, L. An obstacle representation for off-road autonomous driving 25774
Weber, J., Meaudre, M., Megherbi, S. Logical design with VHDL as a synthesis tool for PLDs 11382
Weber, J. *see* Bakker, C.J. 28168
Weber, J. *see* Haisch, H. 26831
Weber, J. *see* Komoda, T. 31753
Weber, J. *see* Mikhailov, S.N. 12169
Weber, J. *see* Sveinbjornsson, E.C. 3628
Weber, J. *see* Taylor, C.J. 25771
Weber, J. *see* Wiedemann, P. 40334
Weber, J. *see* Zielinski, E. 44584
Weber, J.-P., Stoltz, B., Oberg, O. Integrated tunable polarization-independent channel dropping filter on InP for WDM systems 26935
Weber, J.-P., Stoltz, B., Sano, H., Dasler, M., Oberg, O., Walz, J. An integratable polarization-independent tunable filter for WDM systems: the multigrating filter 16783
Weber, J.-P. *see* Rigole, P.-J. 14121
Weber, J.H., Poole, J.M. Production and properties of Incoloy(R) alloy 908 tubing for sheathing of Nb_3Sn superconducting cables 52833
Weber, J.H. *see* Smith, J.S. 52834
Weber, K.J., Cuevas, A., Blakers, A.W. The influence of drift fields in thin silicon solar cells 51577
Weber, L. *see* Grossmann, G. 20848
Weber, M., Schinke, M., Reiss, K. Reflection and transmission properties of a conductive slab in time domain 34174
Weber, M. *see* Deshmukh, N. 14917
Weber, M. *see* Gorelov, I. 37256
Weber, M. *see* Koch, R. 883
Weber, M. *see* Koops, H.W.P. 22163
Weber, M. *see* Marchal, N. 7006
Weber, M. *see* Peters, I. 54751
Weber, M.E. *see* Carlsten, B.E. 17986
Weber, P. Designing a high performance VMEbus interface for a multiprocessor SBC 16340
Weber, P. *see* Dickschas, A. 49458
Weber, P. *see* Kotitz, R. 49513
Weber, P.G. *see* Smith, B.W. 18809
Weber, R. *see* Brandt, H. 59033
Weber, R. *see* Courcoubetis, C. 25878
Weber, R. *see* Graf, T. 23851
Weber, S. *see* Mozef, E. 25569
Weber, S. *see* Mozef, E. 34991
Weber, S. *see* Wirrwar, A. 59464
Weber, T. A new generation of multibeam sweeping echosounder for surveying--ATLAS FANSWEEP 20 38047
Weber, T. *see* Voigtlander, B. 713
Weber, W. *see* Kleiner, M.B. 1464
Weber, W. *see* Kuhn, S.A. 1465
Weber, W. *see* Kuhn, S.A. 41202
Weber, W. *see* Thewes, R. 43044
Weber, W. *see* Thewes, R. 43301
Weber, W.P., Jr. *see* Grzelak, S.A. 16433
Webin Gao *see* Gao Webin
Webjorn, J. *see* Amin, J. 24150
Webjorn, J. *see* Vidakovic, P. 55827
Webster, A. *see* DeWitt, J. 59243
Webster, A. *see* Dubbs, T. 59292
Webster, A. *see* Sadrozinski, H.F.W. 37399
Webster, A. *see* Unno, Y. 37395
Webster, A.R. Extended observations of fading on a terrestrial microwave link 35917
Webster, C.W.R. *see* Taylor, J.A. 46851
Webster, D. *see* Kaunisto, R. 21980
Webster, D. *see* Thayne, I. 53649
Webster, D.R., Ataei, G.R., Assenov, A., Haigh, D.G., Thayne, I. Reduction of 3rd order intermodulation distortion through the use of a high pass transmission line implementation of "derivative superposition", and through the use of channel doped HEMTS 31133
Webster, D.R., Haigh, D.G. A characterisation technique for the 2-port nonlinear capacitance of short channel FETs 54698
Webster, G.A. *see* Skelton, R.P. 30964
Webster, J.G. *see* Beebe, D.J. 18210
Webster, J.G. *see* Cohen, K.P. 59660
Webster, J.M. *see* Ko, K. 49542
Webster, M.E. *see* Liu, J.G. 61295
Webster, R.L. *see* Staveley-Smith, L. 36300
Webster, R.T. *see* Anwar, A.F.M. 2151
Webster, S. *see* Gillespie, A. 47433
Webster, S. *see* Wyatt, L.R. 50151
Webster, S.C. Fiberoptic technology for local area networks 47042
Webster, T. *see* Rino, C.L. 50082
Wechel, R.J.van *see* van Wechel, R.J.
Wechsler, B.A. *see* MacCormack, S. 44510
Wechsler, H. *see* Bala, J. 5631
Wechsler, H. *see* Gutta, S. 57378
Wechsler, H. *see* Le, D.X. 5645
Wechsler, K., Breuer, M., Durst, F. A parallel multigrid method for the prediction of incompressible flows on workstation clusters 26204
Wecht, K. *see* Haner, M. 16744
Weck, C. Coverage aspects of digital terrestrial television broadcasting 58535
Weck, C.Von *see* Von Weck, C.
Weck, K.-H. *see* Fischer, M. 38369
Weck, K.-H. *see* Jahne, B. 38365
Weck, K.-H. *see* Petrusch, W. 38413
Weck, W., Ehrhart, P., Muller, A., Reiner, G. Superconducting inductive pulsed power supply for electromagnetic launchers: design aspects and experimental investigation of laboratory set-up 33891
Weckendrup, D. *see* Gutowski, J. 23917
Wecker, J. *see* Handstein, A. 3100
Wecker, J. *see* Parhofer, S. 32802
Wecker, J. *see* Van den Berg, H.A.M. 43669
Weckesser, P., Appenzeller, G., von Essen, A., Dillmann, R. Exploration of the environment with an active and intelligent optical sensor system 36500
Weckesser, P., Dillmann, R., Rembold, U. Sensorfusion of intensity- and laser range-images 27470
Weckesser, P. *see* Appenzeller, G. 35215
Weckstrom, T. *see* Machin, G. 27205
Weckwerth, M.V., Simmons, J.A., Harff, N.E., Sherwin, M.E., Blount, M.A., Baca, W.E., Chui, H.C. Epoxy bond and stop-etch (EBASE) technique enabling backside processing of (Al)GaAs heterostructures 32185
Weckwerth, M.V. *see* Hung, C.-Y. 731
Wedd, A.M., Thomas, J.C., Hermann, J.A. The effect of laser fluctuation statistics upon detection probability 14242
Wedding, B., Franz, B., Koffers, K., Pohlmann, W., Schlump, D., Ramos, A.J. 10 Gbit/s dispersion supported transmission on installed standard singlemode fibres 26830
Wedding, B. *see* Jourdan, A. 26441
Weddleton, R.F. *see* Emery, F.T. 9175
Wedeking, D.H. Tooling data farm [PCB CAD/CAM] 11861
Wedel, A., Janietz, S., Danz, R. Injection and charge transport processes of polymer light emitting diodes 55460
Wedel, A. *see* Danz, R. 54876
Wedel, G., Kessler, V. Formal semantics for authentication logics 16108
Wedel, H.von *see* von Wedel, H.
Wedge, G. Using boundary scan with a fault dictionary to test and diagnose clusters of non-scan logic 31201
Wedge, G., Conner, T. A roadmap for boundary-scan test reuse 48362
Wedgwood, J. *see* Pridmore, J. 41210
Wedin, D. *see* Csillag, F. 8415
Wedler, G. *see* Ruhrnschopf, K. 54429
Wee, A.T.S., Huan, A.C.H., Osipowicz, T., Lee, K.K., Thian, W.H., Tan, K.L., Hogan, R. Surface and interface studies of titanium silicide formation 2449
Wee, A.T.S. *see* Pan, J.S. 12772
Wee, A.T.S. *see* Pan, J.S. 32150
Wee, J.K. *see* Cho, D.H. 43297
Wee, K., Bae, S., Kim, D., Park, S., Kang, C. HF radio prediction services using PSTN/PSPDN with personal computers 45142
Wee Chen Lioun *see* Lioun Wee Chen
Wee Seng Park *see* Tae Moon Roh 13021
Wee Tan Tin *see* Tan Tin Wee
Wee Teck Ng *see* Chen, P.M. 1337
Weeber, A.W., Sinke, W.C. Statistical analysis for solar cell research 39005
Weeber, K., Stutt, M., Dymond, J., Rehder, R. Finite element field analysis of nonuniform surface contaminations on high voltage windings of electric machines 38677
Weed, G. *see* Sanders, G.A. 27610
Weed, K., Kirkpatrick, A. Thermal evaluation of Θ_{JA} for varying board conductivity 1764
Weedon, W.H., Rappaport, C.M. A general method for FDTD modeling of wave propagation in arbitrary frequency-dispersive media 45015
Weedon, W.H., Rappaport, C.M., Silevitch, D. Modeling and stability considerations for FDTD analysis of wave propagation in lossy dispersive soils [ground penetrating radar] 6908
Weedon, W.H. *see* Kagalenko, M.B. 36239
Weedon, W.H. *see* Rappaport, C.M. 36244
Weekley, J. *see* Hogie, K. 26080
Weeks, A.R. *see* Gamble, K.J. 6981
Weeks, A.R. *see* Gatt, P. 6967
Weeks, A.R. *see* Voicu, L.I. 57418
Weeks, B.C. Libraries creation and documentation. Successful designs are based on a solid foundation 31586
Weeks, M. *see* Szu, H. 21855
Weeks, R. *see* Kyung Pak 8380
Weeks, R.J., Smith, M., Pak, K., Wen-Hao Li, Gillespie, A., Gustafson, B. Surface roughness, radar backscatter, and visible and near-infrared reflectance in Death Valley, California 28604
Weeks, T. *see* Gallagher, M. 32228
Weeks, T.W. *see* Benjamin, M.C. 780
Weeks, T.W., Jr. *see* Davis, R.F. 21248
Weeks, T.W., Jr. *see* Davis, R.F. 30828
Weeks, T.W., Jr. *see* Edwards, N.V. 41982
Weeks, T.W., Jr. *see* Smith, L.L. 12542
Weelderen, R.van *see* van Weelderen, R.
Weelus, R. *see* Wu, R. 31268
Weems, L. *see* Allison, W.W.M. 37269
Ween Choe Jae *see* Jae Ween Choe
Weerackody, V., Podilchuk, C., Estrella, A. Transmission of JPEG-coded images over wireless channels 47693
Weerahandi, S., Kurien, T.V., Sadrian, A. Estimating and optimizing the efficacy of predictive systems in pro-active maintenance 47504
Weerakkody, S.D. *see* Labrecque, R.C. 38584
Weerakkody, S.D. *see* Rothert, J.K. 38578
Weerasinghe, R.A. *see* Drashansky, T.T. 47586
Weerawarana, S. *see* Drashansky, T.T. 47586
Weerawarana, S. *see* Joshi, A. 47133
Weerdt, R.De *see* De Weerdt, R.
Weeren, R.van *see* van Weeren, R.
Weert, A.A.M.Van *see* Van Weert, A.A.M.
Weerwarana, S. *see* Kavasseri, R. 6134
Wees, B.J.van *see* van Wees, B.J.
Weese, J. *see* Rohr, K. 15994
Weg, W.F.van der *see* van der Weg, W.F.
Wegener, I. *see* Kyek, O. 52491
Wegener, I. *see* Sauerhoff, M. 410
Wegener, M. *see* Barker, P. 28541
Wegener, M. *see* Elsasser, M. 33518
Wegener, M. *see* Wehner, M.U. 44713
Wegener, S. *see* Aberle, A.G. 39012
Wegener, S.A. Diagnostic information models: a practical approach to verticality, fault accountability, and diagnostic maturation of hierarchical systems 37963
Weger, P. *see* Treitinger, L. 13114
Weger, P. *see* Treitinger, L. 22952
Weger, P. *see* Trost, H.P. 53648
Wegerich, S.W. *see* Vilim, R.B. 15236
Weggel, R. *see* Palmer, R.B. 17924
Weggel, R. *see* Palmer, R.B. 17966
Weggeland, E. US and global ESD standards 44917
Weghe, H.Van De *see* Van De Weghe, H.
Wegierek, P. *see* Zukowski, P. 54337
Weglarz, J. *see* Jozefowska, J. 21104
Weglinski, B. *see* Kordecki, A. 60805
Wegman, E.J. *see* Sullivan, M.C. 24992
Wegmann, S., McAllaster, D., Orloff, J., Peskin, B. Speaker normalization on conversational telephone speech 14930
Wegmann, S. *see* Peskin, B. 14921
Wegmuller, U., Werner, C. Retrieval of vegetation parameters with SAR interferometry 28674

Wegner, P.J. *see* Van Wonterghem, B.M. 24047
Wegner, P.J. *see* Widmayer, C.C. 23873
Wegner, S., Harms, T., Oswald, H., Fleck, E. The watershed transformation on graphs for the segmentation of CT images 8044
Wegner, S., Harms, T., Oswald, H., Fleck, E. Medical image segmentation using the watershed transformation on graphs 59553
Wegscheider, W. *see* Baumgartner, P. 54719
Wegscheider, W. *see* Pfeiffer, L. 10707
Wehe, D. *see* Borenstein, J. 58995
Wehe, D.K. *see* He, Z. 59273
Wehe, D.K. *see* Uritani, A. 59365
Wehe, D.K. *see* Zhong He 37333
Wehenkel, L., Pavella, M. Why and which automatic learning approaches to power systems security assessment 60265
Wehenkel, L. *see* Yiwei Zhang 8726
Wehenkel, L. *see* Zhang, Y. 50319
Wehinger, H., Mattes, H. Changes in the legal basis of explosion protection 135
Wehlau, D.L. *see* Bruen, A.A. 45558
Wehman, H. *see* Dwir, B. 40434
Wehn, N. *see* Munch, M. 1323
Wehn, N. *see* Zahm, U. 11313
Wehner, K.-H. *see* Bebermeier, H. 38005
Wehner, M., Legewie, F., Theisen, B., Beyer, E. Direct writing of gold and copper lines from solutions 2452
Wehner, M.U., Hetzler, J., Wegener, M. Interferometric four-wave-mixing spectroscopy on bulk GaAs 44713
Wehring, B.W. *see* Jo, Y.G. 8013
Wehrmann, F., Harizi, C., Herrmann, H., Rust, U., Sohler, W., Westenhofer, S. Integrated optical, wavelength selective, acoustically tunable 2×2 switches (add-drop multiplexers) in $LiNbO_3$ 44057
Wehrsdorfer, E., Borchhardt, G., Karthe, W., Helke, G. Large signal measurements on piezoelectric stacks 17742
Wei, A., Antoniadis, D.A. Bounding the severity of hysteretic transient effects in partially-depleted SOI CMOS 13145
Wei, A. *see* Sherony, M.J. 43053
Wei, B.W.Y., Xiaoming Cai Design of a bidirectional current mode multiplier 1319
Wei, B.W.Y. *see* Cao, N. 35254
Wei, C.-J., Hwang, J.C.M., Ho, W.-J., Higgins, J.A. Large-signal modeling of self-heating, collector transit-time, and RF-breakdown effects in power HBTs 21912
Wei, C.J. *see* Shirokov, M.S. 32345
Wei, J., Pillion, J.E., King, S.M., Verlinden, M. Using an in-line monitor to obtain real-time moisture measurements 58664
Wei, J. *see* Donnelly, K.S. 11610
Wei, J. *see* Post, M. 35591
Wei, J.Q. *see* Liu, W.J. 32984
Wei, J.Z. *see* Pingmao Xu 54936
Wei, K.-C., Liu, B.-D., Tang, J.J. Low test-application time method for EEPLA testing 41024
Wei, L. Estimated bit error probability of DS-SSMA/MDPSK with differential phase detector on satellite mobile channel 6523
Wei, L., Ismail, I. New protocol stack for multimedia communication 6310
Wei, M. *see* Holland, S.E. 48685
Wei, P.C., Zeidler, J.R., Ku, W.H. Adaptive recovery of a chirped signal using the RLS algorithm 34782
Wei, P.C. *see* Haykin, S. 56559
Wei, P.K. *see* Yang, Y.T. 36597
Wei, R. *see* Matossian, J.N. 1897
Wei, S.J. *see* Dupont, O. 57581
Wei, T. *see* Cogan, A.I. 21969
Wei, V.K. *see* Zhang, Z. 24730
Wei, V.K.-W. *see* Yuwei Chang 45612
Wei, W., Gao, Z., Hu, S. A new algorithm of image registration in image fusion based on wavelet decomposition 15782
Wei, W. *see* Yasuda, A. 7008
Wei, X. *see* Li, G.P. 22889
Wei, X. *see* Shaw, M.J. 25052
Wei, Y. *see* Wilk, G.D. 54434
Wei, Z. Principle and application of FPGA devices 31173
Wei, Z.L. *see* Adam, A. 37280
Wei Aixian *see* Chen Dihu 22522
Wei Baowen *see* Liu Zhanwen 37169
Wei Bentao *see* Feng Xiaoping 46429
Wei Bingqing, Liu Wenjin, Liang Ji, Gao Zhidong, Zhang Jihong, Wu Dehai Study on laser cladding of 45# carbon steel with buckytube coating 4169
Wei Bo *see* Bo Wei
Wei Cai *see* Cai Wei
Wei Cailin *see* Cailin Wei
Wei Cao *see* Cao Wei
Wei Chang, Goertemiller, M., Verma, A., Yablonovitch, E. Epitaxial lift-off for wafer-scale GaAs-on-Si semi-monolithic integration 33315
Wei Chao Li *see* Li Wei Chao
Wei Chen, Mianzeng Su Photoluminescence and photostimulated luminescence of $BaFBr:Eu^{2+},Eu^{3+}$ 23667
Wei Chen, Qiaqing Song, Mianzeng Su Electron migration in $BaFCl:Eu^{2+}$ phosphors 44225
Wei Chen, Zhanguo Wang, Zhaojun Lin, Lanying Lin Thermoluminescence of ZnS nanoparticles 44210
Wei Chen *see* Chen Wei
Wei Chih-Hsiu *see* Chih-Hsiu Wei
Wei Chih-Ping *see* Chih-Ping Wei
Wei Chou Shih *see* Shih Wei Chou
Wei Chung Chao *see* Yuan Tzu Ting 53353
Wei Chung-Kuang *see* Chung-Kuang Wei
Wei Daming *see* Lu Weixue 49656
Wei Daming *see* Daming Wei
Wei Dan *see* Dan Wei
Wei Daozheng *see* Cui Xiaotian 21622
Wei Daozheng *see* Shi Yin 11381
Wei Daozheng *see* Daozheng Wei
Wei Datgong *see* Datgong Wei
Wei Datong *see* Datong Wei
Wei Deh-Chang *see* Deh-Chang Wei
Wei Ding Joint encoder and channel rate control of VBR video over ATM networks 56679
Wei Ding *see* Martins, F.C.M. 25387
Wei Ding *see* Mou, Z.J.A. 57113
Wei Ding *see* Ding Wei
Wei Dong Zhou *see* Cheng Hai Jin 21127
Wei Dongbing *see* Dongbing Wei
Wei Du *see* Du Wei
Wei Feng *see* Feng Wei
Wei Fu-Shang *see* Fu-Shang Wei
Wei Gao, Berger, P.R., Ervin, M.H., Pamulapati, J., Lareau, R.T., Schauer, S. Liquid phase epitaxial growth of InGaAs on InP using rare-earth-treated melts 760
Wei Gao, Kiyono, S. High accuracy profile measurement of a machined surface by the combined method 39855
Wei Gu-Yeon *see* Gu-Yeon Wei
Wei Guang-Pu *see* Guang-Pu Wei
Wei Guaug-Pu *see* Guaug-Pu Wei
Wei Guo *see* Ying Lu 24445
Wei Guo *see* Guo Wei
Wei Guo-Qing *see* Guo-Qing Wei
Wei Han *see* Han Wei
Wei He Adaptation of a one megawatt molten carbonate fuel cell system 50866
Wei He Numerical analysis of molten carbonate fuel cell systems 61078
Wei Heng *see* Xiaoyuan He 35322
Wei Hon-Sco *see* Hon-Sco Wei
Wei Hong *see* Jun Chen 21901
Wei Hong *see* Jun Chen 33979
Wei Hong *see* Jun Chen 33999
Wei Hong *see* Li Qian 647
Wei Hong *see* Yi Yuan Chen 31473
Wei Hong *see* Zhining Chen 14549
Wei Hong *see* Hong Wei
Wei Hu *see* Hu Wei
Wei Huang *see* Huang Wei
Wei Hwang *see* Fang-Shi Lai 41064
Wei Jiang, Ahn Jaeshin, Liu Xunlang, Sankaranayanan, K., Hing Chualye Catalytic oxidation of InP 22550
Wei Jiang *see* Jiang Wei
Wei Jin, Michie, W.C., Thursby, G., Konstantaki, M., Culshaw, B. Simultaneous measurement of strain and temperature: error analysis 48632
Wei Jun *see* Jun Wei
Wei Jung-Shian *see* Jung-Shian Wei
Wei Jyh-Jong *see* Jyh-Jong Wei
Wei Li, Bergman, P., Ivanov, I., Wei-Xin Ni, Amano, H., Akasa, I. High-resolution X-ray analysis of InGaN/GaN superlattices grown on sapphire substrates with GaN layers 12381
Wei Li, Chenyu Ma, Wahl, F.M. A neuro-fuzzy system architecture for behavior-based control of a mobile robot in unknown environments 60112
Wei Li, Chenyu Ma, Zushun Chen, Qi Cao, Tso, S.K. Sensor-based obstacle modeling in configuration space for manipulator motion planning 27896
Wei Li *see* Nong Sang 15764
Wei Li *see* Tourlog, A. 18954
Wei Li *see* Xinfan Huang 12501
Wei Li *see* Xuyun Chen 57479
Wei Li *see* Li Wei
Wei Liming *see* Liming Wei
Wei Lin, Bernard, R.N., Janes, G.M., Farrell, K.W., Jr. Automated television scheduling via evolving agents 58536
Wei Lin, Chitrapu, P. Time-frequency distributions based on Teager-Kaiser energy function 15407
Wei Lin *see* Der-Feng Guo 13056
Wei Lin *see* Jan-Shing Su 2701
Wei Lin *see* Jan-Shing Su 42051
Wei Lin *see* Kiely, A.B. 24684
Wei Lin *see* Lih-Wen Laih 22882
Wei Lin *see* McEliece, R.J. 24698
Wei Lin *see* Shiou-Ying Cheng 42949
Wei Lin *see* Lin Wei
Wei Liu *see* Da-Fu Cui 32679
Wei Liu *see* Hoton How 34372
Wei Liu *see* Shu Qin 12669
Wei Liu *see* Yi-Mo Zhang 23457
Wei Liu *see* Yi-Mo Zhang 43921
Wei Liu *see* Liu Wei
Wei Lu, Bingxue Shi, Jian Li A hybrid handwritten digits recognition system based on neural networks and fuzzy logic 25341
Wei Luo, Hui-Wen Yao, Zaki, K.A. Effect of air gap on measurement accuracy of dielectric constant 36848
Wei Luogang *see* Luogang Wei
Wei Min Shi *see* Kai Kang 56099
Wei Min Zheng *see* Shuo Di 35517
Wei Ming Han *see* Han Wei Ming
Wei Naihong, Yang Shiyuan, Tong Shibai A neural network approach to fault diagnosis in analog circuits 11613
Wei Ping Chang-Chung *see* Mu-King Tsay 25343
Wei Qi *see* Qi Wei
Wei Qian, Huaidong Li, Clarke, L.P. Neural networks with fuzzy-logic adaptivity for nuclear medicine image restorations 59560
Wei Qian, Lihua Li, Baoyu Zheng, Clarke, L.P. Digital mammography: wavelet-based mixed feature ANN for automatic detection of microcalcifications 59562
Wei Qian *see* Lihua Li 28143
Wei Qian Peng *see* Peng Wei Qian
Wei Qiu *see* Qiu Wei
Wei Ren *see* Dajun Cheng 23347
Wei Ren *see* Dajun Cheng 33815
Wei ShaoJun *see* ShaoJun Wei
Wei Shen, Ming-Wen Chang, Der-Shen Wan Application of a Shack cube as a beam splitter in interferometers with a local reference beam 17840
Wei Shen Wu Using integral coil to drive a two-axis gyroscope 36455
Wei Shi *see* Cassandras, C.G. 39988
Wei Shi *see* Zhen-Xian Liang 44236
Wei Shih-Chieh *see* Shih-Chieh Wei
Wei Shiqiang *see* Shiqiang Wei
Wei Shu *see* Min-You Wu 6379
Wei Song *see* Song Wei
Wei Sung-Po *see* Sung-Po Wei
Wei Tang *see* Tang Wei
Wei Tao *see* Tao Wei
Wei Tian *see* Tian Wei
Wei Tie *see* Tie Wei
Wei Tong *see* Lvovsky, Yu.M. 32939
Wei Tong-Li *see* Tong-Li Wei
Wei Tongli *see* Cao Juncheng 2563
Wei Tongli *see* Li Yao 1276
Wei Tongli *see* Qian Wensheng 52817
Wei Tongli *see* Qin Ming 1919
Wei Tongli *see* Xiao Zhixiong 32378
Wei Tongli *see* Xiao Zhixiong 41874
Wei Tongli *see* Xiao Zhixiong 41885
Wei Tongli *see* Xiao Zhixiong 54038
Wei Tongli *see* Xiao Zhixiong 54611
Wei Tongli *see* Yu Zongguang 53288
Wei Tu Xiao *see* Xiao Wei Tu
Wei Wang, Chengke Wu, Mohr, R. Estimating fundamental matrix based on a new constraint 5011
Wei Wang, Yongqing Liu Application of Lyapunov theory to boundary value problems of singular systems 21021
Wei Wang *see* Ke-Ming Wang 23532
Wei Wang *see* Liming Zhang 31190
Wei Wang *see* Tian-Xian Zhao 18464
Wei Wang *see* Xiaohong Zhang 54969
Wei Wang *see* Zhong Pan 55611
Wei Wang *see* Ziping Jiang 55642
Wei Wang *see* Zong-Ben Xu 10489
Wei Wang *see* Wang Wei
Wei Wang Shih *see* Shih Wei Wang
Wei Wei *see* Qimin Chen 38132
Wei Wei *see* Wei Wei
Wei Wen *see* Wen Wei
Wei Wen Dai *see* Dai Wei Wen
Wei Wu, Jiabi Chen, Zhongcheng Liang Image matching for the extension of the AFM measuring range 46397
Wei Wu *see* Xinfan Huang 12501
Wei Xiang *see* Xiang Wei
Wei Xie *see* Xie Wei
Wei Xing Hou, Tow Chong Chong, Kumagai, H., Hirano, M. Theoretical analysis of effect of domain inversion shape on second harmonic generation conversion efficiencies of quasi-phase-matched nonlinear optical waveguide devices 14300
Wei Xing Zheng *see* Davis, M.H.A. 40022
Wei Xu, Cumming, I. A region growing algorithm for InSAR phase unwrapping 8554
Wei Yan, Dawson, F.P. DC ignition circuits for a high pressure vortex-water-wall argon arc lamp 39386
Wei Yan, Dawson, F.P. Power supply design considerations for maintaining a minimum sustaining current in a vortex water wall high pressure argon arc lamp 39387
Wei Yan, Zhaoda Zhu Target tracking with glint noise using an RBF neural network 4691
Wei Yang, Gopinath, A. Design of planar optical waveguide corners with turning mirrors 23554
Wei Yanyn *see* Yanyn Wei
Wei Ye *see* Ye Wei
Wei Yourong *see* Xue Shaolin 3711
Wei Yu *see* Qunfeng Zou 49541
Wei Yu *see* Yu Wei
Wei Zeng Shuo *see* Shuo Wei Zeng
Wei Zhang, Boyd, W., Elliot, M., Herrenden-Harker-and, W. The effects of oxygen content on the magnetoresistive behavior in La-Ca-Mn-O films grown on Si 13414
Wei Zhang *see* Guang Fu Zheng 39035
Wei Zhang *see* Zhang Wei
Wei Zhao, Papachristou, C.A. Synthesis of reusable DSP cores based on multiple behaviors 11484
Wei Zhao *see* Biao Chen 57867
Wei Zhao *see* Fang Feng 57578
Wei Zhao *see* Yong Zhao 37799
Wei Zhao *see* Zhaohui Wang 6133
Wei Zheng *see* Giger, M. 57539

Wei Zhi-Yong *see* Xu Hu-Shan 18113
Wei Zhinong *see* He Nanqiang 28739
Wei Zhiyi *see* Zhiyi Wei
Wei Zhou, Zongqiang Xuan, Jianguo Yu A temperature compensated crystal oscillator based on analog storage method and its test system 13361
Wei Zhu *see* Zhu Wei
Wei Zi-Luan An optimal basis identification criterion for interior point linear programming algorithms 495
Wei Zibiao *see* Zibiao Wei
Wei Zidong *see* Zidong Wei
Wei Zou *see* Zou Wei
Wei-Bin Chang, Gubner, J.A. Monte Carlo estimation of partition functions of Gibbs random fields 30456
Wei-Bin Lee, Chin-Chen Chang On key changeable ID-based digital signature scheme 14858
Wei-Bo Gong *see* Chang Liu 35479
Wei-Bo Gong *see* Yan, A. 35441
Wei-Bo Gong *see* Yin, G. 46145
Wei-Chang Tsai, Shung, C.B., Wang, D.C. Accurate logic-level power simulation using glitch filtering and estimation 52964
Wei-Chang Wang *see* Lang Rong 36207
Wei-Cheng Lian, Fu-Hsiang Wong Existence of positive solutions for nonlinear singular boundary value problems 10245
Wei-Cheng Lian *see* Fu-Hsiang Wong 382
Wei-Chin Lee *see* Lin, R.S. 49813
Wei-Ching Chuang *see* Kuen-Cherng Lin 3443
Wei-Ching Chuang *see* Kun-Yi Lee 26457
Wei-Ching Chuang *see* Po-Lun Chen 44102
Wei-Chou Hsu *see* Jan-Shing Su 2701
Wei-Chou Hsu *see* Jan-Shing Su 42051
Wei-Chou Wang *see* Lih-Wen Laih 22882
Wei-Chou Wang *see* Shiou-Ying Cheng 42949
Wei-Chung Lin *see* Cheng-Chung Lin 15856
Wei-Chung Lin *see* Jie Feng 5581
Wei-Chung Lin *see* Liang-Hua Chen 25283
Wei-Chung Lin *see* Remin Lin 5056
Wei-Chung Lin *see* Remin Lin 5061
Wei-Chung Lin *see* Shih, W.-S.V. 8043
Wei-Chung Wang, Denton, J.P., Neudeck, G.W., Lee, I.-M., Takoudis, C.G., Koh, M.T.K., Kvam, E.P. Selective epitaxial growth of $Si_{1-x}Ge_x$/Si strained-layers in a tubular hot-wall low pressure chemical vapor deposition system 40427
Wei-Chung Wang *see* I-Ming Lee 52610
Wei-Chung Wang *see* Kuen-Jong Lee 21792
Wei-Dong Sheng A novel quantum directional coupler based on Π-shaped coupled electron waveguides 13039
Wei-Dong Sheng, Jian-Bai Xia Role of the evanescent states in the electron transport in quantum waveguides 43156
Wei-Dong Sheng *see* Jian-Bai Xia 42154
Wei-Fang Zhou *see* Wen-Bin Cai 29576
Wei-Feng Lin *see* Chii-Maw Uang 23607
Wei-Ge Chen *see* Ming-Chieh Lee 35187
Wei-Han Wang *see* Wood-Hi Cheng 297
Wei-Hsiu Ma *see* Yen-Jen Lee 52021
Wei-Jen Lee *see* Jen-Hung Chen 38334
Wei-Jen Lee *see* Jen-Hung Chen 60668
Wei-Jun Su *see* Hui-Yun Wang 1570
Wei-Kai Shih, Hareland, S., Jallepalli, S., Maziar, C.M., Tasch, A.F. An accurate preprocessor for Monte Carlo study of electron transport in inversion layers of silicon nMOSFETs 2689
Wei-Kuo Lee *see* Jow, J. 43437
Wei-Liang Ing, Cheng-Tsung Hwang, Wu, A.C.-H. Evaluating cost-performance tradeoffs for system level applications 40801
Wei-Ling Chiang *see* Huey-Kuo Chen 40040
Wei-Ling Wu *see* Qiang Wu 26642
Wei-Long She *see* She Wei-Long
Wei-Min Li *see* Asikainen, T. 52713
Wei-Min Su *see* Jiun Shiu 30152
Wei-Min Wang, Jiann-Fuh Chen A study on uniqueness of voltage solution for a radial distribution system 50534
Wei-Ming Dai, W. *see* Hong, W. 11105
Wei-Ming Dai, W. *see* Isshiki, T. 40810
Wei-Ming Dai Wayne *see* Wayne Wei-Ming Dai
Wei-Ming Yin *see* Ying-Dar Lin 35840
Wei-Nan Chang *see* Chi-Jui Wu 50353
Wei-Pang Yang *see* Jyhi-Kong Wey 46693
Wei-Peng Chen *see* Hsin-Min Wang 34700
Wei-Ping Huang, Qing Guo, Chi Wu A polarization-independent grating resonator 55371
Wei-Ping Huang *see* Lui, W.W. 24548
Wei-Ping Huang *see* Lui, W.W. 33074
Wei-Ping Zhong, Ze Shi, Guo-Ding Chen The evolution feature of chirp-dark soliton in single-mode fiber 33039
Wei-Ping Zhu, Ahmad, M.O., Swamy, M.N.S. A least-square solution to the design problem of 2-D linear-phase FIR filters with arbitrary magnitude responses 1602
Wei-Song Lin *see* Sheng-Wen Shih 5322
Wei-Tou Ni *see* Sheau-Shi Pan 27200
Wei-Tsu Tseng, Lin, C.C.-F., Yuan-Tsu Hsieh, Feng, M.-S. Material characterization and chemical-mechanical polishing of low-dielectric constant fluorinated silicon dioxide films 42684
Wei-Tsu Tseng, Ying-Lang Wang Re-examination of pressure and speed dependences of removal rate during chemical-mechanical polishing processes 42537
Wei-Tsu Tseng, Yuan-Tsu Hsieh, Chi-Fa Lin CMP of fluorinated silicon dioxide: Is it necessary and feasible? 42592
Wei-Tsu Tseng, Yuon-Tsu Hsieh, Chi-Fa Lin, Ming-Shih Tsai, Ming-Shiann Feng Chemical-mechanical polishing and material characteristics of plasma-enhanced chemically vapor deposited fluorinated oxide thin films 54380
Wei-Wu Liaw *see* Wein-Town Sun 42382
Wei-Xin Ni *see* Wei Li 12381
Wei-Xun Lin *see* Hong-Ying Wu 9325
Wei-Yang Mar *see* Tien-Ko Wang 28023
Wei-Yong Yan *see* Lihua Xie 45830
Wei-Yu Han, Ja-Chen Lin Minimum-maximum exclusive mean (MMEM) filter to remove impulse noise from highly corrupted images 25697
Wei-Yu Han, Ja-Chen Lin Error diffusion without contouring effect 57421
Wei-Yu Lee *see* Kuen-Cherng Lin 3443
Wei-Yu Lee *see* Kuen-Cherng Lin 36190
Wei-Yu Lee *see* Kun-Yi Lee 26457
Wei-Yu Lee *see* Po-Lun Chen 44102
Wei-Yuan Wang *see* Wang Wei-Yuan
Weibel, A., Durr, M. Has shadowing been underestimated? Analysis of the 50 kW ISOKW photovoltaic installation at Brugg 9134
Weibel, D. *see* Read, M. 48837
Weibel, P. *see* Tada, T. 42588
Weiben Yuan, Xiuhua Zhang Silver-halide reflection holograms with a high diffraction efficiency close to dichromate gelatin 44809
Weibin Liu *see* Liu Weibin
Weibing Xing *see* Xing Weibing
Weich, K., Horer, J., Eggemann, R., Patzak, E., Ludwig, R., Mohrle, M., Schimpe, R. Two stage polarization insensitive regenerative wavelength converter 24132
Weicheng Chen *see* Koopmann, G.H. 13345
Weicheng Lih *see* Lih Weicheng
Weichenhain, R., Wesner, D.A., Pfleging, W., Horn, H., Kreutz, E.W. KrF-excimer laser pretreatment and metallization of polymers 40691
Weichold, M.H. *see* Jong-Chul Lee 3667
Weichong Du *see* Du Weichong
Weichung Yen *see* Yen Weichung
Weick, B.L., Bhushan, B. The relationship between dynamic mechanical behavior, transverse curvature, and wear of magnetic tapes 55049
Weickert, J. *see* Kunkel, P. 40208
Weickert, J.A., ter Haar Romeny, B.M., Viergever, M.A. Conservative image transformations with restoration and scale-space properties 56936
Weid, J.P.von der *see* von der Weid, J.P.
Weidberg, A.R. *see* Beringer, J. 37394
Weidberg, A.R. *see* Fox-Murphy, A.F. 37397
Weide, D.W.van der *see* van der Weide, D.W.
Weidemann, A.W. *see* Kotseroglou, T. 33602
Weidenbach, R. *see* Alyushin, M. 58621
Weidenfeller, B., Riehemann, W. Surface treatment of Finemet for reduction of power loss 23311
Weidenfeller, B., Rieheman, W. Domain refinement and domain wall activation of surface treated Fe-Si sheets 23331
Weidenheimer, D.M. *see* Judy, D.C. 28021
Weidl, R., Brabetz, S., Fschmidl, F., Klemm, F., Wunderlich, S., Seidel, P. Heart monitoring with high-T_c d.c. SQUID gradiometers in an unshielded environment 49568
Weidl, R. *see* Brabetz, S. 49415
Weidl, R. *see* Nowak, H. 49514
Weidner, H., Schwindt, C.J., Peale, R.E. Time-resolved Fourier spectroscopy for phosphor characterization 13821
Weidner, H. *see* Park, K. 3894
Weidner, J. *see* Dimmick, T.E. 59051
Weidner, J. *see* Grunewald, P. 60466
Weidner, J.-O. *see* Schulz, S.E. 42727
Weidnerd, J.O. *see* Save, D. 42725
Weidong Cheng *see* Yiaowei Zheng 56314
Weidong Huang *see* Antonuk, L.E. 59463
Weidong Qi *see* Qi Weidong
Weidong Sheng *see* Sheng Weidong
Weidong Tan *see* Tan Weidong
Weidong Yuan *see* Yuan Weidong
Weidong Zhang *see* Zhang Weidong
Weidong Zhu, Ching Chyr Wang, Akbar, S.A., Asiaie, R., Dutta, P.K., Alim, M.A. The AC electrical behavior of hydrothermally synthesized barium titanate ceramics 23173
Weidou Ni *see* Ni Weidou
Weierich, P., Ismaii, B., Wolf, M., Niemann, H. Model-based segmentation of the hyaline cartilage in MR images using dynamic programming combined with a one step balloon operation 49498
Weierich, P. *see* Niemann, H. 15763
Weierich, P. *see* Wolf, M. 49499
Weiershausen, W., Zengerle, R. Photonic highway switches based on ring resonators used as frequency-selective components 6709
Weigand, C. *see* Liepsch, D. 18254
Weigand, R., Guerra, J.M., Sergeyev, S.V., Krylov, G.G. Orientational self-bleaching for pulsed dye lasers with polarized pumping 33389
Weigand, R. *see* Zacharias, M. 41822
Weigel, R. *see* Holm, A. 55015
Weigel, R. *see* Simesbichler, F. 25842
Weigel, T., Moll, B., Beers, B.J. Ghost image debugging on a 240 degree fisheye lens 3527
Weigend, A.S. Time series analysis and prediction using gated experts with application to energy demand forecasts 21050
Weigend, A.S. *see* Mangeas, M. 60337
Weigert, C. RAMBUS technology becomes popular due to multimedia use 21689
Weigert, C. Fiber Channel–more than a high performance network for LANs and data storage systems 26776
Weigh-Jen Chen *see* Espinosa, L. 30063
Weight, J.P. *see* Healey, A.J. 37722
Weightman, P. *see* Thornton, J.M.C. 1986
Weightman, P. *see* Thornton, J.M.C. 2244
Weigl, B., Reiner, G., Grabherr, M., Ebeling, K.J. High-power selectively oxidized vertical-cavity surface-emitting lasers 3897
Weigl, B., Reiner, G., Grabherr, M., Ebeling, K.J. Highly efficient selectively oxidized GaAs (λ=830 nm) vertical-cavity lasers 55609
Weigl, B. *see* Ebeling, K.J. 3886
Weigl, B. *see* Fiedler, U. 44570
Weigl, B. *see* Jager, R. 33528
Weigl, B. *see* Schnitzer, P. 48002
Weigl, B. *see* Schnitzer, P. 58385
Weigl, B.H., Lehmann, H., Lippitsch, M.E. Optical sensors based on inhomogeneous waveguiding in the walls of capillaries ('capillary waveguide optrodes') 36748
Weigl, B.H. *see* Kieslinger, D. 58861
Weigler, B. *see* Chung, T. 39850
Weiglhofer, W., Lakhtakia, A. A nonlinear bianisotropic composite made with a weakly quadratic nonlinear dielectric host medium 4184
Weiglhofer, W.S., Lakhtakia, A. New expressions for depolarization dyadics in uniaxial dielectric-magnetic media 14555
Weiglhofer, W.S., Lakhtakia, A. Mediation of nonlinear polarization by the magnetic field in a composite medium with a chiral component 24097
Weiglhofer, W.S., Lakhtakia, A. On causality requirements for material media 24457
Weiglhofer, W.S., Monzon, J.C. Comment on "Scattering by a bi-isotropic body" [and reply] 45114
Weiglhofer, W.S. *see* Lakhtakia, A. 44897
Weiglhofer, W.S. *see* Lakhtakia, A. 45060
Weigold, H. Propagation time measurements in the digital television studio with the "VCA Digital Video Component Analyser" 7065
Weigold, H. *see* Fischbacher, M. 7039
Weigold, J.W., Juan, W.H., Pang, S.W. Etching and boron diffusion of high aspect ratio Si trenches for released resonators 43396
Weigun Mi *see* Karayiannis, N.B. 14818
Weiguo Hu *see* Hu Weiguo
Weiguo Li *see* Li Weiguo
Weiguo Wang *see* Wang Weiguo
Weihan Tan *see* Tan Weihan
Weihan Wu *see* Wu Weihan
Weihe, K. *see* Wagner, D. 40781
Weihong Liu, Yongquan Lei, Dalin Sun, Jing Wu, Qidong Wang A study of the degradation of the electrochemical capacity of amorphous $Mg_{50}Ni_{50}$ alloy 9527
Weihong Zhang *see* Zhang Weihong
Weihua Chen *see* Chen Weihua
Weihua Qiu *see* Qiu Weihua
Weihua Wang *see* Wang Weihua
Weihua Zhuang, Huang, W.V. Phase precoding for frequency-selective Rayleigh and Rician slowly fading channels 36010
Weihui Dai *see* Dai Weihui
Weijers, H.W. *see* Shoaff, P.V., Jr. 43847
Weijia Jia, Jiannong Cao, Xiaohua Jia Heuristic token selection for total order reliable multicast communication 57634
Weijia Jia, Lee, C.H., Chow, P.K.O., Jiannong Cao Object-oriented groups for distributed computation development 26104
Weijia Wen *see* Kunquan Lu 979
Weijian Gao *see* Jianping Yin 7664
Weijian Tian *see* Tian Weijian
Weijing Li *see* Tansel, I. 13184
Weijun Chen *see* Chen Weijun
Weijun He *see* He Weijun
Weikai Sun, Dai, W.W.-M. On the parallelization of geometry independent-measured equation of invariance 39808
Weikang Huang *see* Huang Weikang
Weikersthal, B.Fischer von *see* Fischer von Weikersthal, B.
Weikle, R., II, Lu, J.-Q., Shur, M.S., Dyakonov, M.I. Detection of microwave radiation by electronic fluid in high electron mobility transistors 7263
Weikle, R.M. *see* Salman, Z.K. 18208
Weikle, R.M., II *see* Hesler, J.L. 53620
Weikle, R.M., II *see* Wu, C.C. 49649
Weikum, G. *see* Nerjes, G. 47367
Weikun Ge *see* Ge Weikun
Weil, J.A. *see* Ulmer, F. 10520
Weil, J.D. *see* Krishnamurthy, M. 21230
Weil, L. *see* Berg, H.P. 19457
Weil, R. *see* Edelman, F. 12307
Weiland, L.H. *see* Hess, C. 32522
Weiland, L.H. *see* Hess, C. 39889
Weiland, M.Z. *see* Ryder, J.M. 57766
Weiland, T. High precision eigenmode computation 18054
Weiland, T. *see* Drevlak, M. 37023

Weiland, T. *see* Ehmann, R. 45409
Weiland, T. *see* Heifets, S. 49221
Weiland, T. *see* Krietenstein, B. 37143
Weiland, T. *see* Kurita, N. 49229
Weiland, T. *see* Muller, W.F.O. 49178
Weiland, T. *see* Ng, C.-K. 49226
Weiland, T.L. *see* Widmayer, C.C. 23873
Weile, D.S., Michielssen, E. Genetic algorithm optimization applied to electromagnetics: a review 44858
Weile, D.S., Michielssèn, E. Multiobjective optimization of electromagnetic devices using Pareto genetic algorithms 45469
Weile, D.S., Michielssen, E., Goldberg, D.E. Multiobjective synthesis of electromagnetic devices using nondominated sorting genetic algorithms 34381
Weile, D.S. *see* Aygun, K. 31479
Weile, D.S. *see* Michielssen, E. 34030
Weile, D.S. *see* Singh, A. 1937
Weiler, H. *see* Thiemann, H. 60560
Weiler, J.C., Jr. Hybrid moisture problems 22079
Weiler, K.W. *see* Basart, J.P. 36294
Weiler, K.W. *see* Basart, J.P. 36295
Weiler, M.H. *see* Mitra, P. 48560
Weilhammer, P., Chesi, E., Dabrowski, W., Dulinski, W., Jobez, J.P., Kaplon, J., Martinengo, P., Nygard, E., Riedler, P., Roe, S., Seguinot, J., Ypsilantis, T. Performance of Si pad sensors for a RICH detector 37429
Weilhammer, P., Nygard, E., Dulinski, W., Czermak, A., Djama, F., Gadomski, S., Roe, S., Rudge, A., Schopper, F., Strobel, J. Si pad detectors 37381
Weilhammer, P. *see* Anghinolfi, F. 59312
Weilhammer, P. *see* Bauer, C. 37326
Weilhammer, P. *see* Bauer, C. 37378
Weilhammer, P. *see* Ronnqvist, C. 59367
Weilhammer, P.E. *see* Beringer, J. 37394
Weili Cai *see* Cai Weili
Weili Cheng *see* Cheng Weili
Weili Lin *see* Kuppusamy, K. 37759
Weili Yan *see* Yan Weili
Weili Yuan *see* Yuan Weili
Weili Zhang *see* Ching-Yue Wang 55551
Weili Zhu *see* Zhu Weili
Weilian Zhang *see* Zhang Weilian
Weiling, M. *see* Bothra, S. 42707
Weiller, B.H., Adamson, S.D. Effect of dimethylamine on the chemical vapor deposition of TiN from tetrakis(dimethylamido)titanium and ammonia 52764
Weilong She *see* She Weilong
Weilong Tang, Temesvary, V., Yu-Chong Tai, Miu, D.K. Micro machined electromagnetic microactuators for rigid disk drives 23093
Weiluan Ma *see* Liu, W.K. 30752
Weiman, C.F.R., Vincze, M. A generic motion platform for active vision 35134
Weimann, G. *see* Boche, B. 14145
Weimann, G. *see* Dong Xu 54706
Weimann, G. *see* Fujii, K. 12464
Weimann, G. *see* Furst, C. 1999
Weimann, G. *see* Murayama, K. 32359
Weimann, G. *see* Nagasawa, H. 12882
Weimann, G. *see* Tornow, M. 22414
Weimann, G. *see* Weber, H. 12729
Weimann, G. *see* Xu, D. 41440
Weimann, T. *see* Ahlers, F.-J. 22894
Weimann, T. *see* Muller, F. 27215
Weimar, U. *see* Marco, S. 17583
Weimar, U. *see* Wagner, J. 22415
Weimar, U. *see* Zhou, R. 17589
Weimer, J. *see* Skvarenina, T.L. 18708
Weimer, J. *see* Skvarenina, T.L. 18710
Weimer, J.A. *see* Tsao, B.H. 11776
Weimin Du *see* Ming-Chien Shan 5992
Weimin Han *see* Xiao-Liang Cheng 52576
Weimin Li *see* Li Weimin
Weimin Lin *see* Lin Weimin
Weimin Ma *see* Ma Weimin
Weimin Mao *see* Mao Weimin
Weimin Si *see* Bong Mo Park 43505
Weimin Xiao *see* Xiao Weimin
Weimin Yun *see* Yun Weimin
Weimin Zheng *see* Xiaodong Fu 35516
Weimin Zhou, Shen, H., Cooke, P., Pamulapati, J., Newman, P., Dutta, M. Optical waveguide materials with voltage tunable polarization modes 12408
Weimin Zhou *see* Zhou Weimin
Weiming, R., Peimo, S., Yalei, W., Hao, Z. Application of image processing on the online measurement of dimensions in the section of the hot-rolled section steel 36904
Weiming Cao *see* Guo, B. 10573
Weiming He *see* He Weiming
Weiming Ma *see* Ma Weiming
Weiming Zhang, El-Hawary, M.E. Excitation control in a synchronous machine via an artificial neural network 50951
Wein-Kuen Hwang, Shieh, H.-P.D. Magnetic exchange coupling of (Dy,Tb)FeCo magneto-optical recording films 32782
Wein-Town Sun, Wei-Wu Liaw, Ming-Chi Liaw, Kuang-Chien Hsieh, Ching-Hsiang Hsu, C. Improving gate oxide integrity of cobalt silicided P-type polysilicon gate using arsenic implantation 42382
Weinacht, D.J. *see* Beard, C.A. 7757
Weinacht, P. *see* Zielinski, A.E. 24415
Weinan Chen *see* Chen Weinan
Weinbach, D. *see* Apostolov, A.P. 19396
Weinberg, H. *see* Nakagawa, S. 8049
Weinberg, W.H. *see* Chan-Hwa Chung 12706
Weinberg, W.H. *see* Hsueh, G.C. 768
Weinberg, W.H. *see* Reaves, C.M. 12432
Weinberg, W.H. *see* Varma, S. 30809
Weinberg, W.H. *see* Ying-Lan Chang 2383
Weinberger, B.R. *see* Rossman, C.E. 23428
Weinberger, D.R. *see* Yihong Yang 7992
Weinberger, J. *see* Amols, H.I. 59767
Weinberger, M.J., Rissanen, J.J., Arps, R.B. Applications of universal context modeling to lossless compression of gray-scale images 5332
Weinberger, M.J. *see* Merhav, N. 57247
Weindl, Ch. *see* Herold, G. 51129
Weiner, A.J., Thurman, D.A., Mitchell, C.M. FIXIT: an architecture to support recognition-primed decision making in complex system fault management activities 60008
Weiner, A.M. *see* Binjrajka, V. 3474
Weiner, A.M. *see* Binjrajka, V. 3489
Weiner, A.M. *see* Binjrajka, V. 26800
Weiner, A.M. *see* Chang, C.-C. 26799
Weiner, A.M. *see* Chiou, L. 3672
Weiner, A.M. *see* Mahoney, K.M. 17836
Weiner, A.M. *see* Sardesai, H.P. 48006
Weiner, A.M. *see* Yongqian Liu 3609
Weiner, A.M. *see* Yongqian Liu 53515
Weiner, A.M. *see* Zheng, Z. 48542
Weiner, D., MacDonald, M. Remote integrated power systems for new telecommunication system deployment 51285
Weiner, D.D. *see* Adel Slamani, M. 36699
Weiner, D.D. *see* Slamani, M.A. 15935
Weinerman, A. *see* Lolos, G.J. 59197
Weinert, B. *see* Mueller, M. 10638
Weinert, C.M. Design of fibre matched uncladded rib waveguides on InP with polarization independent fibre coupling loss of 1 dB 44019
Weinert, C.M. *see* Jahn, E. 26838
Weinert, C.M. *see* Morl, L. 13655
Weinert, C.M. *see* Van Dam, C. 47980
Weinert, L. *see* Mor-Avi, V. 37732
Weingarten, K.J. *see* Fluck, R. 3773
Weingarten, K.J. *see* Kartner, F.X. 3781
Weingarten, K.J. *see* Keller, U. 55904
Weingarten, W. Superconducting cavities–basics 37051
Weingarten, W. *see* Benvenuti, C. 49021
Weingartner, S. *see* Brenner, A. 60546
Weinhardt, M. Integer programming for partitioning in software oriented codesign 11076
Weinhardt, M. Portable pipeline synthesis for FCCMs 11417
Weinhardt, M. Computing weight distributions of binary linear block codes on a CCM 11439
Weinhofer, J. *see* Haas, W. 9605
Weinhold, M., Powell, D.J. High speed laser ablation of microvia holes in nonwoven aramid reinforced printed wiring boards to reduce cost 11912
Weinhold, M. *see* Powell, D.J. 1816
Weining Chen, Petersen, I.R. Convexity in coefficient space for a class of multilinear uncertain polynomials 30421
Weinmann, D., Haeusler, W., Kramer, B. Transport properties of quantum dots 22394
Weinmann, R. *see* Haisch, H. 26831
Weinraub, M.J. *see* Compaine, B.M. 46857
Weinrich, U. *see* Farvacque, L. 18005
Weinrichter, H. *see* Farkas, P. 24666
Weinrichter, H. *see* Mayr, B.J. 6512
Weinrichter, H. *see* Nguyen-Phi, K. 57343
Weinshall, D., Werman, M. On view likelihood and stability 46071
Weinstein, B.A., Ritter, T.M., Strachan, D., Li, M., Luo, H., Tamargo, M., Park, R. Competition of deep and shallow impurities in wide-gap II-VI semiconductors under pressure 22231
Weinstein, B.A. *see* Jiang, Z.X. 22224
Weinstock, H. *see* Melquiond, F. 7541
Weintraub, C.E. *see* Gladden, D.B. 42691
Weintroub, M. *see* Sankar, A. 15093
Weinzierl, K. *see* Jaerschky, R. 51549
Weipin Lin *see* Yongqiang Shi 23581
Weiping Ding *see* Zaibing Guo 43642
Weiping Fu *see* Fu Weiping
Weiping Li, Cao, H.Q., Li, S., Ling, F., Segan, S.A., Sun, H.Q., Wus, J.P., Zhang, Y.Q. Very low bit rate video coding using vector-based techniques 56952
Weiping Li, Cao, H.Q., Shipeng Li, Fan Ling, Segan, S.A., Hongqiao Sun, Wus, J.P., Ya-Qin Zhang A video coding algorithm using vector-based techniques 35188
Weiping Li, Yi Wang, Xixian Chen, Miki, N. Full-duplex fast estimation of echo and channel responses in the presence of frequency offsets in both far echo and far signal 16018
Weiping Li *see* Cao, H.Q. 4479
Weiping Lin *see* Wenshen Wang 56214
Weiping Lin *see* Yongqiang Shi 44070
Weiping Qian *see* Qian Weiping
Weiping Shi A fast algorithm for area minimization of slicing floorplans 22933
Weiping Zhang, Lin Pang, Lurong Guo New silver halide sensitized gelatin material: the influence of bleaches on holograms 55922
Weiping Zhu *see* Zhu Weiping
Weiqi Li, Hegazi, G.M., Lee, T., Phelleps, F. High performance 38 GHz PHEMT power amplifier MMIC for commercial millimeter-wave radio systems 41484
Weiqi Li *see* Shen-Whan Chen 54708
Weiqiang Han *see* Han Weiqiang
Weiqin Huang *see* Huang Weiqin
Weiqin Yang *see* Yang Weiqin
Weiqin Zou, Duanyong Li, Yangzi Xu, Xuexiong Huang, Jingde Li The researches on radiation effects of ferroelectric-electret composite 54930
Weiqing Zhu, Wen Xu, Jianyun Yu Error estimation of pulse pair correlation differential phase estimator of sonar array 50002
Weiquan Bao *see* Bao Weiquan
Weiquan Lai *see* Lai Weiquan
Weiqun Chen *see* Roychoudhuri, C. 165
Weir, A. *see* Mosher, J.C. 49471
Weir, B.E. *see* Alers, G.B. 12558
Weir, B.E. *see* Alers, G.B. 43336
Weir, J. Coaxial cables 11785
Weir, S.T. *see* Catledge, S.A. 52611
Weirick, J.A. *see* Cohen, M.S. 6742
Weis, J. *see* Haug, R.J. 54713
Weis, R., Fromherz, P. Frequency dependent signal transfer in neuron transistors 41698
Weis, T. *see* Jankowiak, A. 49124
Weisbrodt, R. *see* Czech, W. 47399
Weisbuch, C. The future of physics of heterostructures: a glance into the crystal (quantum) ball 42163
Weisbuch, C., Houdre, R., Stanley, R. Recent progress in semiconductor microcavities 33574
Weisburn, B.A., Parks, T.W. Design of time frequency strip filters 4900
Weisburn, B.A., Shenoy, R.G. Time-frequency strip filters 15368
Weise, H. Status of the TESLA test facility linac 49035
Weise, S. *see* Kujawinska, M. 183
Weise, T.H.G.G. Electrothermal gun research in Europe. Summary of major activities and results obtained from German and France-German R&D programmes 24390
Weise, T.H.G.G., Podeyn, E., Krumm, H., Venier, V. Preoptimization of large calibre plasmaburners with a full scale experimental simulator 33865
Weise, T.H.G.G., Wisken, H.G., Loffler, M.J., Podeyn, F., Krumm, H., Venier, F. Setup and performance of a 105 mm electrothermal gun 33866
Weise, T.H.G.G. *see* Loffler, M.J. 33880
Weise, Th.H.G.G. *see* Loffler, M.J. 38184
Weise, W., Braumann, P., Wenzl, H. Thermodynamic analysis of erosion effects of silver-based metal oxide contact materials 11790
Weisend, J., II. *see* Grygiel, G. 49016
Weisend, J., II *see* Rousset, B. 38382
Weiser, B., Hasenzagl, A., Booth, T., Pfuetzner, H. Mechanisms of noise generation of model transformer cores 23377
Weiser, B. *see* Hasenzagl, A. 23315
Weiser, B. *see* Hasenzagl, A. 27848
Weiser, B. *see* Ilo, A. 21995
Weiser, U. *see* Lempel, O. 41229
Weisfield, R. *see* Street, R.A. 33228
Weishart, H. *see* Skorupa, W. 31882
Weisheng Jiang *see* Jiang Weisheng
Weisheng Wang *see* Wang Weisheng
Weishi Xia *see* Dershan Luo 28231
Weishi Xia *see* Glick, S.J. 59467
Weishu Wu, Campbell, S., Pochi Yeh Implementation of a photorefractive arithmetic logic unit for multiwavelength information processing 13755
Weishu Wu, Hawkins, A.R., Bowers, J.E. Frequency response of avalanche photodetectors with separate absorption and multiplication layers 13850
Weishu Wu *see* Hawkins, A.R. 27570
Weishui Wan *see* Wan Weishui
Weismantel, R. Hilbert bases and the facets of special knapsack polytopes 10327
Weiss, A.H. *see* Yang, G. 32055
Weiss, A.J., Friedlander, B. Algorithm for steering vector estimation using second order moments 4889
Weiss, A.J., Friedlander, B. Comparison of signal estimation using calibrated and uncalibrated arrays 34720
Weiss, A.J., Friedlander, B. Fading effects on antenna arrays in cellular communications 58223
Weiss, B.L. *see* Lea, E. 33082
Weiss, B.L. *see* Miao, J. 12284
Weiss, B.L. *see* Miao, J. 32142
Weiss, B.L. *see* Thompson, C. 3420
Weiss, B.Z. *see* Shor, J.S. 32164
Weiss, C., Irschik, H. Influence of axial forces on flexural vibrations of piezoelectric beams 54996
Weiss, C.O. *see* Gutierrez, J. 23749
Weiss, D. *see* Goodfellow, S. 31078
Weiss, D. *see* Huang, L. 39811
Weiss, D. *see* Nachtwei, G. 54191
Weiss, D. *see* Rossmanith, C. 18396
Weiss, D. *see* Tornow, M. 22414
Weiss, D. *see* Ye, P. 2202
Weiss, D.G. New manufacturing methods for the production of high density thin multilayer using ultra thin laminates 11896
Weiss, D.M. *see* Gupta, N.K. 26066

Weiss, D.S., Cowdery, J.R., Ferrar, W.T., Young, R.H. Analysis of electrostatic latent image blurring caused by photoreceptor surface treatments 33834
Weiss, E., Benory, E., Kedar, E., Juravel, Y., Frenkel, A. Is $Hg_{1-x}Cd_xTe$ grown epitaxially by the travelling heater method? Does it matter? 10653
Weiss, E. *see* Abe, K. 59233
Weiss, I. 3-D curve reconstruction from uncalibrated cameras 5085
Weiss, I., Urbaszek, A., Wetzig, T., Schaldach, M. Cardiac action potentials of various cell types–a model study 59570
Weiss, I. *see* Bruckstein, A.M. 5292
Weiss, I. *see* Pizlo, Z. 57142
Weiss, I. *see* Rivlin, E. 35171
Weiss, J. *see* Del Marco, S. 45933
Weiss, J.M. *see* Rahnavardy, K. 36630
Weiss, J.M. *see* Rahnavardy, K. 58813
Weiss, J.M. *see* Shepard, R.L. 19562
Weiss, K., Tupaj, M. SAW resonators frequency trimming by plasma etching 23285
Weiss, L.G. Time-varying system characterization for wideband input signals 45872
Weiss, L.G. *see* Sibul, L.H. 24991
Weiss, M. Space charge problems in high intensity RFQs 17895
Weiss, M. 300 mm tool automation and its impact on fab design and OEE 30175
Weiss, M. *see* Jefferts, S.R. 27940
Weiss, M.A., Jefferts, S., Gaudron, L. Improving the NIST Ionospheric Measurement System [for international time transfer] 36932
Weiss, M.A., Jefferts, S.R., Levine, J., Dilla, S., Parker, T.E., Bell, E.W. Two-way time and frequency transfer in SONET 26798
Weiss, M.A. *see* Jefferts, S.R. 36106
Weiss, M.N., Srivastava, R., Correia, R.R.B., Martins-Filho, J.F., de Araujo, C.B. Measurement of optical gain at 670 nm in an oxazine-doped polyimide planar waveguide 13648
Weiss, O. *see* Schweitzer, F. 10396
Weiss, P. *see* Denkmayr, K. 61369
Weiss, P. *see* Metzler, P. 39349
Weiss, R. Going for the gold–ASICs go mainstream 52121
Weiss, R. Coping with success, thanks to choices and tools 52955
Weiss, R., Steger, C. A multi-agent system for model-based real-time fault diagnosis 35512
Weiss, R. *see* Hilpert, K. 20016
Weiss, R. *see* Zhongfei Zhang 25621
Weiss, S., Hoppe, U. Recognition and reconstruction of late auditory evoked potentials using wavelet analysis 49607
Weiss, S. *see* Renz, K. 50518
Weiss, S. *see* Schack, B. 59623
Weiss, S.J., Kahn, W.K. An experimental technique used to measure the unloaded Q of microstrip antennas 34229
Weiss, V., Friesem, A.A., Millul, E. Control of grating anomalies in photoactive polymers 23435
Weiss, V., Millul, E. Grating microstructures in photoactive polymers by laser interference patterns 4149
Weiss, W. *see* Hinkelmann, K. 6174
Weisse, E. *see* Elsener, K. 49261
Weisser, D.C. *see* Kibedi, T. 49148
Weisser, D.C. *see* Morrow, R. 49043
Weisser, D.C. *see* Ophel, T.R. 49150
Weisser, D.C. *see* Stuchbery, A.E. 49149
Weisser, S., Larkins, E.C., Czotscher, K., Benz, W., Daleiden, J., Esquivias, I., Fleissner, J., Maier, M., Ralston, J.D., Romero, B., Sah, R.E., Schonfelder, A., Rosenzweig, J. CW direct modulation bandwidths up to 40 GHz in short-cavity $In_{0.35}Ga_{0.65}As$/GaAs MQW lasers with undoped active regions 23957
Weisser, S. *see* Cabon, B. 58314
Weisser, S. *see* Czotscher, K. 3882
Weisser, S. *see* Czotscher, K. 55694
Weisser, S. *see* Sah, R.E. 14228
Weisshaar, A., Mongiardo, M., Tripathi, A., Tripathi, V.K. CAD-oriented fullwave equivalent circuit models for waveguide components and circuits 21869
Weisshaar, A., Remley, K.A. Efficient modeling of optical waveguides and fibers with chemical sensing applications 48623
Weisskoff, R.M. Simple measurement of scanner stability for functional NMR imaging of activation in the brain 7994
Weisskopf, M.C. *see* Gunji, S. 59358
Weisskopf, M.C. *see* Ramsey, B.D. 37286
Weissman, D.E. Scatterometer measurements of ocean surface stress magnitude and direction from aircraft during SWADE and from ERS-1 8431
Weissman, D.E. Measurements of ocean surface stress using airborne and spaceborne microwave scatterometers 50112
Weissman, D.E., Plant, W.J., Keller, W.C., Hesany, V. Spatial variations of sea surface microwave backscatter in response to wind, wind stress and surface current variations 50111
Weissman, M.B. *see* Hardner, H.T. 32787
Weissman, Y. *see* Tugendhaft, I. 48568
Weissman, Z. Evanescent field sensors with periodically segmented waveguides 48416
Weissmantel, S., Reisse, G., Keiper, B., Broulik, U., Johansen, H., Scholz, R. Properties of pulsed laser deposited optical coatings 43879
Weissmantel, S. *see* Reisse, G. 40523
Weistra, J. *see* Czarnecki, C.A. 8096
Weisz, S.Z., Avalos, J., Gomez, M., Many, A., Goldstein, Y., Savir, E. Bulk and surface states on hydrogenated amorphous silicon 2068
Weitang Li *see* Li Weitang
Weiter, S. Open all night: after-hours technical support for networks 26025
Weits, H.H., Knippels, G.M.H., van Werkhoven, G.H.C., Oepts, D., van Amersfoort, P.W. Differences between intra- and extra-cavity pulse time structure in a hole-coupled free-electron laser 33589
Weits, H.H. *see* Jaroszynski, D.A. 44590
Weitschies, W. *see* Kotitz, R. 49513
Weitsu Tseng *see* Tseng Weitsu
Weitz, G. *see* Safari, A. 10977
Weitz, G.C. Recommendations for the evaluation of alternative solvents used for electrical cable cleaning 50593
Weitz, M. *see* Udem, T. 7145
Weitz, M. *see* Udem, T. 27341
Weitzel, A. *see* Arnold, W. 16131
Weitzel, C.E. *see* Moore, K.E. 21929
Weitzel, E.K. *see* Muzikant, A.L. 59584
Weitzel, I. *see* Reindl, T. 10914
Weitzel, J. *see* Flaig, J. 31264
Weitzel, L. *see* Seydel, E. 23263
Weitzing, H. *see* Schneider, G.A. 21374
Weitzman, D.A. *see* Hadar, O. 15944
Weitzman, E. *see* Fiordalice, R. 2434
Weiwei Mao, Gulati, R.K. Improving gate level fault coverage by RTL fault grading 41037
Weiwei Sun, Weizhang Huang, Russell, R.D. Finite difference preconditioning for solving orthogonal collocation equations for boundary value problems 21189
Weiwei Sun *see* Sun Weiwei
Weiwei Xu *see* Xu Weiwei
Weixiao Zhang, Sasaki, K., Hata, T. Electrical properties of low-temperature (450°C) $Pb(Zr,Ti)O_3$ films prepared in quasi-metallic mode by RF reactive sputtering 2931
Weixin Gai, Hongyi Chen A systolic linear array for modular multiplication 53142
Weixin Liu *see* Higuchi, T. 53240
Weixin Ma *see* Ma Weixin
Weixin Xie *see* Xie Weixin
Weixing Lu *see* Ming Fang 19176
Weixing Pu *see* Pu Weixing
Weixing Zhang, Fischer, T.R. TCQ subband image coding to exploit dependence 57293
Weixuan Xu *see* Dijin Gong 30532
Weixue, Z. *see* Yi, Y. 29822
Weixue Lu *see* Lu Weixue
Weixun Cao High-speed parallel VLSI-architecture for the (24,12) Golay decoder with optimized permutation decoding 1493
Weixun Cao High-speed parallel hard and soft-decision Golay decoder: algorithm and VLSI-architecture 24805
Weiyi Huang *see* Huang Weiyi
Weiyi Jia *see* Huimin Liu 24218
Weiyi Jia *see* Jingwen Zhang 4041
Weiyi Yin *see* Yin Weiyi
Weiying Wang *see* Wang Weiying
Weiyong Yu *see* Yu Weiyong
Weiyou Cai *see* Jiang Chang 29131
Weiyou Chen, Shiyong Liu PIN avalanche photodiodes model for circuit simulation 13846
Weiyou Chen, Shiyong Liu Circuit model for multilongitudinal-mode semiconductor lasers 14127
Weiyou Chen *see* Chen Weiyou
Weiyuan Wang *see* Minhang Bao 2867
Weizai Zhang *see* Zhang Weizai
Weizer, V.G. *see* Fatemi, N.S. 39227
Weizer, V.G. *see* Hoffman, R.W., Jr. 37977
Weizhang Huang, Leimkuhler, B. The adaptive Verlet method 40212
Weizhang Huang *see* Weiwei Sun 21189
Weizheng Fang *see* Fang Weizheng
Weizhong Tang *see* Jinsong Wang 24202
Weizhu Lin *see* Tianshu Lai 36914
Weizhu Lin *see* Lin Weizhu
Weizhuo Zhong *see* Zhong Weizhuo
Weizman, G. *see* Lewis, A. 55869
Wekken, M.van der *see* van der Wekken, M.
Wel, P.J.van der *see* van der Wel, P.J.
Wel Yu *see* Yu Wel
Welby, S.P. *see* Rodkey, D.L. 8660
Welch, A.J. *see* Frenz, M. 18504
Welch, D. *see* Agnew, B. 58016
Welch, D. *see* Zhao, H. 3849
Welch, D.F. *see* DeMars, S.D. 3844
Welch, D.F. *see* O'Brien, S. 44508
Welch, D.F. *see* Ralston, J.D. 23921
Welch, D.F. *see* Verdiell, J.-M. 26885
Welch, D.F. *see* Verdiell, J.-M. 43952
Welch, D.R., Olson, C.L. Self-pinched transport for ion-driven inertial confinement fusion 59160
Welch, D.R. *see* Mazarakis, M.G. 37078
Welch, D.R. *see* Mazarakis, M.G. 37152
Welch, D.R. *see* Olson, C.L. 59161
Welch, G.M. Users perspective of a large system [IT system] 51864
Welch, G.R. *see* Nikonov, D.E. 13957
Welch, J.L. *see* Abu-Amara, H. 26176
Welch, J.L. *see* Dolev, S. 25912
Welch, J.R. *see* Heutmaker, M.S. 11194
Welch, K. Utilization of near specular energy in the detection of surface defects 39895
Welch, M. *see* Toulson, D.L. 27688
Welch, R. Dynamic temperature variations during intermittent motor operation 38762
Welch, R.H., Jr, Sitkins, F. Continuous and intermittent torque available from a servo motor. II. Intermittent operation 9284
Welch, R.H., Jr., Sitkins, F. Dynamic braking in a permanent magnet DC motor. II. Brushless DC motor 29342
Welch, R.V. *see* Sghedoni, M. 49900
Welch, W.H. *see* Feldman, M.R. 3521
Weldon, J.M. *see* Schaaf, J.C., Jr. 39290
Weldon, M.K., Chabal, Y.J., Christman, S.B., Chaban, E.E., Feldman, L.C., Goodwin, C.A., Hsieh, C.-M. Infrared spectroscopy of oxide formation at silicon interfaces 42300
Weldon, M.K., Chabal, Y.J., Hamann, D.R., Christman, S.B., Chaban, E.E., Feldman, L.C. Physics and chemistry of silicon wafer bonding investigated by infrared absorption spectroscopy 54403
Weldon, M.K., Marsico, V., Chabal, Y.J., Christman, S.B., Chaban, E.E., Jacobson, D.C., Sapjeta, J.B., Pinczuk, A., Dennis, B.S., Mills, A.P., Goodwin, C.A., Hsieh, C.-M. Mechanistic studies of hydrophilic wafer bonding and Si exfoliation for SOI fabrication 22553
Weldon, M.K., Marsico, V.E., Chabal, Y.J., Hamann, D.R., Christman, S.B., Chaban, E.E. Infrared spectroscopy as a probe of fundamental processes in microelectronics: silicon wafer cleaning and bonding 32203
Weldon, R.J. *see* Beck, M.R. 41673
Weldon, T.P., Higgins, W.E. Design of multiple Gabor filters for texture segmentation 25415
Weldon, T.P., Higgins, W.E., Dunn, D.F. Gabor filter design for multiple texture segmentation 5508
Weldon, T.P., Higgins, W.E., Dunn, D.F. Efficient Gabor filter design for texture segmentation 15851
Weldon, V., O'Gorman, J., Perez-Camacho, J.J., McDonald, D., Hegarty, J., Corbett, B. Methane sensing with a novel micromachined single-frequency Fabry-Perot laser diode emitting at 1331 nm 36747
Weldon, W.F. *see* Pratap, S.B. 33888
Weldon, W.F. *see* Smith, R.D. 29240
Welfonder, E., Neifer, R., Spanner, M. Development and experimental identification of dynamic models for wind turbines 29171
Welfonder, E., Pitscheider, K. Robust model-supported unit operation and control concept for different unit operating regimes 50767
Welford, W.T. *see* Barbur, J.L. 39422
Weling, A.S., Auston, D.H. Novel sources and detectors for coherent tunable narrow-band terahertz radiation in free space 24195
Welker, D.J. *see* Kuzyk, M.G. 7372
Welker, K. *see* Schneider, P. 59775
Welker, M. *see* Knupfer, B. 23707
Welland, D.R. *see* Mehr, I. 41311
Welle, G.Van *see* Van Welle, G.
Wellegehausen, B., Eichmann, H., Meyer, S., Momma, C., Mossavi, K., Welling, H., Chichkov, B.N. Generation of coherent VUV and XUV radiation 14293
Wellegehausen, B., Mossavi, K., Egbert, A., Chichkov, B.N., Welling, H. Short-pulse high-intensity excimer lasers-a powerful tool for the generation of coherent VUV and XUV radiation 13922
Wellegehausen, B. *see* Becker, W. 55903
Wellegehausen, B. *see* Chichkov, B.N. 33662
Wellekens, C.J. *see* Gelin, P. 14920
Wellekens, D. *see* De Blauwe, J. 41148
Wellekens, D. *see* Montanari, D. 1373
Weller, E. *see* Agnelli, S. 47848
Weller, E. *see* Agnelli, S. 47888
Weller, J. Process capabilities of LPISM spray application technologies 1801
Weller, S.R. Sensitivity limitations for multivariable linear filtering 34962
Weller, T.M., Herrick, K.J., Katehi, L.P.B. Bandstop series stubs for coplanar waveguide on GaAs 53518
Wellerdick, M., Bancroft, D. Networked editorial workstations with access to disc servers [television news system] 27186
Wellfare, M., Holmes, T., Pohlman, S., Geci, D., Norris-Zachery, K., Patton, R. Identification of vehicle targets from low-cost ladar seeker imagery 8675
Wellfare, M., Love, L., McCarley, K., Prestwood, L. Ladar image synthesis with comprehensive sensor model 6976
Welling, H. *see* Czarske, J.W. 36967
Welling, H. *see* Reich, M. 14026
Welling, H. *see* Ristau, D. 59067
Welling, H. *see* Wandt, D. 55699
Welling, H. *see* Wellegehausen, B. 13922
Welling, H. *see* Wellegehausen, B. 14293
Welling, H. *see* Willamowski, U. 7637
Welling, H. *see* Willamowski, U. 59066
Welling, J. *see* Dowling, J. 6032
Welling, L., Ney, H. A model for efficient formant estimation 14984
Welling, P. *see* Larsen, D. 43328

Wellington, P. *see* Moriaty, P. 61284
Wellington, R.P. Model solar vehicles provide motivation for school students 51765
Wellman, C.M. *see* Babiarz, P.S. 39680
Wellman, C.M. *see* Stublen, A.P. 38444
Wellman, J.A. *see* Ealey, M.A. 33192
Wellman, J.A. *see* Ealey, M.A. 33193
Wells, A. *see* Owens, A. 18148
Wells, A. *see* Owens, A. 37368
Wells, B.W. *see* Sled, J.G. 59918
Wells, C.J. *see* Doyle, T.W. 8525
Wells, D.E. *see* Clarke, J.E.H. 18805
Wells, G., Venaille, C., Torras, C. Vision-based robot positioning using neural networks 5478
Wells, G.T., Chau, C.C., Ho, C., Chieh, E., Garrou, P.E., Heistand, R., Cummings, S., Rehg, T., Gibson, G., Newquist, C., Kruzek, R., Ellec, C., Vogt, L. Consortium for Intelligent Large Area Processing (CILAP) 53857
Wells, J. *see* Pfister, O. 14385
Wells, J.H., Blanchard, S.M., Richard, T. Multiple approaches to Internet-based instruction in biological engineering 20634
Wells, J.S. *see* Murtz, M. 48311
Wells, K.L. *see* Marsh, L.C. 30065
Wells, K.S. *see* LaFreniere, J.A. 39720
Wells, M.C. Increasing the capacity of GSM cellular radio using adaptive antennas 6524
Wells, P., Fillingham, N., Cramond, A. A study of errors due to reconstruction filters in computed tomography 40712
Wells, R. Return path noise: testing tool aids diagnosis 27171
Wells, R. *see* Alyushin, M. 58621
Wells, R. *see* Shirer, H.N. 50120
Wells, R. *see* Wieman, H. 59275
Wells, R.L., Janik, J.F. Heterogeneous solution reactions between MBr_3 (M=Ga, In) and Li_3N. Formation and characterization of nanocrystalline GaN powders 54094
Wells, R.O., Jr. *see* Tian, J. 6948
Wells, T., El-Gomati, M.M., Wood, J. Low temperature reactive ion etching of silicon with SF_6/O_2 plasmas 54442
Wells, T. *see* Afsar, M.N. 34483
Wells, T. *see* Mittra, R. 36298
Wells, W.M. *see* Ettinger, G.J. 6941
Wells, W.M., III Statistical approaches to feature-based object recognition 46171
Wells, W.M., III *see* Hata, N. 18387
Wellssow, W.H. *see* Martel, P. 38317
Wellssow, W.H. *see* Martel, P. 38318
Wellstood, F.C. *see* Jin, I. 53548
Wellstood, F.C. *see* Vlahacos, C.P. 7556
Welsch, E., Ettrich, K., Blaschke, H., Thomsen-Schmidt, P., Schaefer, D., Kaiser, N. Interaction of UV-laser-radiation with dielectric thin films 3325
Welsch, E., Ettrich, K., Blaschke, H., Thomsen-Schmidt, P., Schafer, D., Kaiser, N. Investigation of the absorption induced damage in ultraviolet dielectric thin films 44194
Welser, J.J. *see* Pezeshki, B. 17360
Welser, J.J. *see* Takagi, S. 12954
Welsh, B.M. *see* Lee, D.J. 46160
Welsh, B.M. *see* Montera, D.A. 4985
Welsh, B.M. *see* Roggeman, M.C. 54853
Welsh, B.M. *see* Sallberg, S.A. 25263
Welsh, J., Bipin Chadha, Kalathil, B., Holmes, P., Tuck, M.C., Selvidge, W., Finnie, E., Hines, L. RASSP enterprise technologies for signal processor life-cycle support 41211
Welsh, J. *see* Thomas, P.G. 28974
Welsh, M., Basu, A., von Eicken, T. Low-latency communication over Fast Ethernet 16287
Welsh, M., Basu, A., von Eicken, T. ATM and fast Ethernet network interfaces for user-level communication 35722
Welsh, M.A. *see* Green, S.G. 52141
Welstand, R.B., Orazi, R.J., Sun, C.K., Rao, H.G., Liu, Y.Z., Pappert, S.A., Yu, P.K.L. Phase noise and dynamic range of analog fiber links using electroabsorption modulators 58350
Welstand, R.B., Pappert, S.A., Sun, C.K., Zhu, J.T., Liu, Y.Z., Yu, P.K.L. Dual-function electroabsorption waveguide modulator/detector for optoelectronic transceiver applications 3457
Welstand, R.B. *see* Liu, Q.Z. 58349
Welton, R.F. *see* Olsen, D.K. 49153
Welton, S.J., Van Sciver, S.W., Bartholomew, K., Gorbunov, M., McIntosh, G.E., Bon Mardion, G., Viargues, F. Design, development and testing of the JT refrigerators for the 45-T Hybrid magnet 43855
Welton, S.J. *see* Van Sciver, S.W. 43854
Welzenbaum, J. Effect of television–a critical opinion 17022
Welzl, E. *see* Schwarz, C. 46267
Wemelsfelder, S. *see* van der Putten, N. 59746
Wemple, I.L. *see* Kwan, K.H. 1624
Wen, C.-Y., Acharya, R. Fractal analysis of self-similar textures using a Fourier-domain maximum likelihood estimation method 56748
Wen, C.-Y., Acharya, R. Self-similar texture characterization using Wigner-Ville distribution 59554
Wen, C.Y., Beaton, R.J. Subjective image quality evaluation of image compression techniques 57510
Wen, E.S., Chang, C.S. Tabu search approach to alarm processing in power systems 38276
Wen, F.S., Chang, C.S. Probabilistic approach for fault-section estimation in power systems based on a refined genetic algorithm 60425
Wen, H.J. *see* Ludeke, R. 54886
Wen, H.K. *see* Ge, G. 11650
Wen, J. *see* Chuang, C. 17661
Wen, J. *see* Ward, M.C.L. 27545
Wen, J.-H. Performance analysis of cellular mobile communications under multipath interference 47713
Wen, J.H. *see* Liao, S.M. 21285
Wen, Q., Clarke, D.R. Establishing a quantitative relationship between harmonic signals and damage in interconnects 42766
Wen, R.S.-C. *see* Svensson, L.J. 13124
Wen, X.G. *see* de C. Chamon, C. 43159
Wen, Z., Yang, X., Zhou, S., Yeh, P., Liu, H.K. A multichannel optical processor combining space, polarization and wavelength multiplexing 44133
Wen Bangchun *see* Fan Jian 51641
Wen Biao Jiang *see* Shioyama, T. 5093
Wen Chang Huang, Lan Fu Lei, Chung Len Lee Effects of bromine-methanol and hydrogen chloride pretreatments on Pt/Al/n-InP diodes 42539
Wen Chau Liu *see* Lih-Wen Laih 22882
Wen Chen Chang *see* Chang Wen Chen
Wen Chen Dao *see* Dao Wen Chen
Wen Cheng Chii *see* Chii Wen Cheng
Wen Chia-Hsien *see* Chia-Hsien Wen
Wen Chou Tsai, Tseung Yuen Tseng A-axis YBCO thin films deposited by DC magnetron sputtering 30903
Wen Chuanyuan *see* Hao Jiankang 26949
Wen Chun-Hung *see* Chun-Hung Wen
Wen Dai Wei *see* Dai Wei Wen
Wen Fushuan Recent developments in intelligent system applications to power system. II 28729
Wen Fushuan *see* Fushuan Wen
Wen Gu *see* Gu Wen
Wen Guijin *see* Jia Jianyuan 48926
Wen Guo, Stynes, M. Pointwise error estimates for a streamline diffusion scheme on a Shishkin mesh for a convection-diffusion problem 40268
Wen Guo, Stynes, M. An analysis of a cell-vertex finite volume method for a parabolic convection-diffusion problem 40286
Wen Guo Xiao *see* Xiao Wen Guo
Wen Guoqing *see* Zhang Shukui 23872
Wen Guozhong *see* Guozhong Wen
Wen Han *see* Han Wen
Wen Hu Zhu *see* Zhu Wen Hu
Wen Jiangtao, Zhu Xuelong Recovering IFS interpolated signal from noise–a new simple inverse problem solver 4747
Wen Jiangtao, Zhu Xuelong A study of IFS fractal based source coding techniques 14844
Wen Jinyu, Liu Pei, Cheng Shijie Genetic algorithm and its applications to power systems 38223
Wen Jinyu, Liu Pei, Cheng Shijie Genetic algorithm and its applications to power systems 50448
Wen Jinyu, Liu Qing, Chen Shijie, Liu Pei Development of microprocessor based on-line full-automatic testing software for secondary equipment of substation 60961
Wen Junding, Wenquan Che, Yongzhing Xiong, Yongwu Wen Operation of new type field displacement isolator in ridged waveguide 53555
Wen Kai Li *see* Din Ping Tsai 55230
Wen Kun-Li *see* Kun-Li Wen
Wen Liu *see* Liu Wen
Wen Minghua, Xu Ying, Wu Junhua Design and implementation of remote transfer of CEmail 35676
Wen Minhua, Lin Yong, Li Zengsheng Design and implementation of X.28 communication platform and applications under DOS and UNIX 25959
Wen Pei *see* Pei Wen
Wen Senfar *see* Senfar Wen
Wen Shen, Tveito, A., Winther, R. A system of conservation laws including a stiff relaxation term; the 2D case 10517
Wen Shu-Huai *see* Huang Wen-Zhong 44354
Wen Tung-Jen *see* Wu Ching-Mo 60478
Wen Wang *see* Wang Wen
Wen Wanxin *see* Duan Limin 18082
Wen Wei, Mendel, J.M. A new maximum-likelihood method for modulation classification 14777
Wen Weijia *see* Weijia Wen
Wen Wu *see* Wu Wen
Wen Wu Cheng *see* Cheng Wen Wu
Wen Xiao *see* Xiao Wen
Wen Xiaoqing, Saluja, K.K. A new method towards achieving global optimality in technology mapping 11336
Wen Xiaoqing, Saluja, K.K., Kinoshita, K., Tamamoto, H. Equivalence fault collapsing for transistor leakage faults 21653
Wen Xingen *see* Cao Yunfeng 37957
Wen Xu *see* Weiqing Zhu 50002
Wen Xu *see* Xu Wen
Wen Xun Zhang Antenna development in China 24581
Wen Xun Zhang, Guo Zhong Jiang An improved full wave analysis for open circular microstrip structures 34249
Wen Xun Zhang *see* Kai Kang 56099
Wen Yi Wang *see* Wang Wen Yi
Wen Yingli *see* Yingli Wen
Wen Yongwu *see* Yongwu Wen
Wen Yu *see* Yu Wen
Wen Yuan Hai *see* Yuan Hai Wen
Wen Yuanfang *see* Zhou Long 19664
Wen Yumei *see* Li Ping 23514
Wen Zhang *see* Zhang Wen
Wen Zhang Ji *see* Ji Wen Zhang
Wen Zhiqing *see* Zhiqing Wen
Wen Zhou *see* Jinsong Wang 24202
Wen-An Loong, Jin-Chi Tseng, Tzu-Ching Chen, Chien-An Lung Study on optimization of annular off-axis illumination using Taguchi method for 0.35 μm dense line/space 42871
Wen-Ben Jone, Yun-Pan Ho, Das, S.R. Delay fault coverage enhancement using multiple test observation times 53221
Wen-Biao Wu *see* Guang-Pu Wei 7843
Wen-Biao Wu *see* Oishi, Y. 52828
Wen-Bin Cai, Hou-Tian Liu, Wei-Fang Zhou Analysis of the oxidation process of anodic Pb(II) films on lead in sulfuric acid solution 29576
Wen-Bin Liao *see* Li-Ren Huang 53130
Wen-Bin Wu *see* Chin-Chen Chang 47053
Wen-Bing Wang *see* Jin-Lin Hu 36216
Wen-Bing Wang *see* Yong-Zhong Wang 45039
Wen-Chau Liu, Jung-Hui Tsai, Wen-Shiung Lour, Lih-Wen Laih, Shiou-Ying Cheng, Kong-Beng Thei, Cheng-Zu Wu A novel InGaP/GaAs S-shaped negative-differential-resistance (NDR) switch for multiple-valued logic applications 42956
Wen-Chau Liu, Lih-Wen Laih, Cheng-Zu Wu, Shiou-Ying Chen, Jung-Hui Tsai Observation of the multiple negative-differential-resistance of metal-insulator-semiconductor-like structure with step-compositioned $In_xGa_{1-x}As$ quantum wells 42185
Wen-Chau Liu *see* Der-Feng Guo 13056
Wen-Chau Liu *see* Jung-Hui Tsai 22764
Wen-Chau Liu *see* Kun-Wei Lin 43113
Wen-Chau Liu *see* Shiou-Ying Cheng 42949
Wen-Chiang Wu *see* Hanqi Zhuang 15917
Wen-Chiang Wu *see* Hanqi Zhuang 15962
Wen-Chin Tsay *see* Li-Hong Laih 58761
Wen-Chin Tsay *see* Yen-Ann Chen 55403
Wen-Ching Shih, Mu-Shiang Wu Effect of a buffer layer on the surface acoustic wave characteristics of $Pb(Zr,Ti)O_3$ film/buffer layer/semiconductor substrate structures 32668
Wen-Ching Shih, Mu-Shiang Wu Propagation characteristics of surface acoustic waves in perovskite-type ferroelectric films/MgO/GaAs structures 32670
Wen-Ching Shih, Mu-Shiang Wu Theoretical study of surface acoustic wave propagation on $KNbO_3$/MgO/GaAs layered structures 32680
Wen-Ching Winnie Li *see* Calderbank, A.R. 56322
Wen-Chung Chen, Chang, C.-S., Chan, S.H. Structure of high resistivity GaAs film grown by low-temperature metalorganic chemical vapor deposition 869
Wen-Chung Chen *see* Ci-Ling Pan 3575
Wen-Chung Cho *see* Fu-Chiang Cheng 53173
Wen-Chung Kuo *see* Chi-Sung Laih 24796
Wen-Chung Kuo *see* Chi-Sung Laih 45618
Wen-Chung Tsai, Chun-Yen Chang, Guo-Wei Huang, Frank-Fu Fang, Yang-Hueng Chang, Chen-Feng Huang Very high hole mobility in p-type Si/SiGe modulation-doped heterostructures 54147
Wen-Feng Su, D. *see* Lin-Kun Wu 18514
Wen-Han Qian *see* Xiao-Gang Wang 24958
Wen-Han Qian *see* Xiao-Gang Wang 24971
Wen-Hao Cheng, Sessler, A.M., Wurtele, J.S. Studies of collective instabilities in muon collider rings 17937
Wen-Hao Li *see* Weeks, R.J. 28604
Wen-Hao Tsai, Chun-Fu Wang, Ming-Tao Chen, Yen-Chen Chen, Yee-Lu Zhaog Format converter IC for field sequential color display 17706
Wen-Hao Wang, Yung-Chang Chen Point pattern matching by line segments and labels 46228
Wen-Hao Yang *see* Po-Rong Chang 36012
Wen-Horng Lee *see* Kuan-Lun Cheng 21339
Wen-Hsiang Tsai *see* Rong-Chin Lo 56911
Wen-Hsien Fang *see* Shun-Hsyung Chang 25210
Wen-Hsien Fang *see* Yi Chu 25148
Wen-Hsin Lin *see* Jeng-Shiann Wang 44096
Wen-Hsing Hsu *see* Shih-Hsu Chang 56705
Wen-Hua Liu *see* Xu Liang 19217
Wen-Hua Liu *see* Liu Wen-Hua
Wen-Hung Liao, Aggarwal, J.K. Curve and surface interpolation using rational radial basis functions 10433
Wen-Inne Tsai *see* Chin-E Lin 40899
Wen-Jen Ho, Wen-Thong Chang Wavelet representation for multigrid computation in surface interpolation problem 4780
Wen-Jeng Ho, Meng-Chyi Wu, Yuan-Kuang Tu Uniform and high performance of monolithically integrated 1×12 array of planar GaInAs photodiodes 44316
Wen-Jieh Wang *see* Chun-Chieh Wang 20112
Wen-Jieh Wang *see* Chun-Chieh Wang 29699
Wen-Jing Tian *see* Tian Wen-Jing
Wen-Jong Fang, Allen C.-H. Wu, Ti-Yen Yen, Tsair-Chin Lin DP-Gen: a datapath generator for multiple-FPGA applications 40837

Wen-Jong Fang, Wu, A.C.-H. A hierarchical functional structuring and partitioning approach for multiple-FPGA implementations 11366
Wen-Jong Su *see* Ying-Dar Lin 5736
Wen-Juh Yang *see* Chung-Lin Huang 56953
Wen-June Wang New similarity measures on fuzzy sets and on elements 30472
Wen-Jung Hsin, Sohraby, K. Cycle modulated sources and their correlation structure 5778
Wen-Jyi Hwang, Biing-Yau Chen, Sen-Shiang Jeng A fast vector quantization encoding method using wavelet transform 45584
Wen-Jyi Hwang, Bo-Yuan Ye Storage- and entropy-constrained multi-stage vector quantization and its applications to progressive image transmission 46302
Wen-Jyi Hwang, Sen-Shiang Jeng, Biing-Yau Chen Fast codeword search algorithm using wavelet transform and partial distance search techniques 45534
Wen-Kai Wan, Shinn-Tyan Wu Epitaxial $TiSi_2$ on silicon by rapid thermal annealing 21313
Wen-Ko Hsu *see* Huey-Kuo Chen 40040
Wen-Kuan Yeh, Yeu-Cherng Shiau, Mao-Chieh Chen A new tungsten gate metal oxide semiconductor capacitor using a chemical vapor deposition process 40565
Wen-Kuan Yeh *see* Yu-Jane Mei 42681
Wen-Kuan Yeh *see* Yu-Jane Mei 42683
Wen-Liang Hwang *see* Chun-Shien Lu 56779
Wen-Liang Hwang *see* Ho-Chao Huang 5583
Wen-Lin Chang *see* Cheng-Tsung Liu 1141
Wen-Ling Yang, Yu-Ping Lan, Huang-Chi Huang, Kuo-Ming Chang, Mao-Sheng Huang, Jow-Tsong Shy Development of a portable optical frequency standard with a small calcium cell 17727
Wen-Ming Yan *see* Kuo-Liang Chung 30597
Wen-Piao Lin Reducing multiple optical carriers interference in broad-band passive optical networks 36130
Wen-Piao Lin A cost-effective broadband passive optical network achieved by reducing optical beat interference 47968
Wen-Pin Lien *see* Hsiao-Lung Chan 49696
Wen-Qin Cheng *see* Cheng Wen-Qin
Wen-Rong Wu, Dah-Chung Chang Maneuvering target tracking with colored noise 4755
Wen-Rong Wu, Po-Cheng Chen Adaptive AR modeling in white Gaussian noise 56565
Wen-Shan Chen *see* Kin-Lu Wong 56152
Wen-Sheng Hou *see* Bor-Sen Chen 56576
Wen-Sheng Sun *see* Shan-Dong Li 52837
Wen-Shenq Juang, Chin-Laung Lei A secure and practical electronic voting scheme for real world environments 35496
Wen-Shiao Huang *see* Huang Wen-Shiao
Wen-Shiow Kao *see* Kao Wen-Shiow
Wen-Shiung Lour Investigation of doping-spike effect on InGaP/GaAs single heterojunction bipolar transistors 22765
Wen-Shiung Lour ZnSe/Si visible-sensitivity emitter bipolar transistors 23677
Wen-Shiung Lour Comparison of GaAs, InGaAs, and GaAs/InGaAs doped channel field-effect transistors with AlGaAs insulator gate 32390
Wen-Shiung Lour *see* Wen-Chau Liu 42956
Wen-Shyang Hwang *see* Ling-Yang Kung 26084
Wen-Shyong Kuo *see* Huang, J.H. 32653
Wen-Tang Chen, An-Yu Kuo, Rachlin, M., Peake, A., Lee, C.C., Chien, D.H. Thermal analysis and design of plastic packages for GaAs RF IC power amplifiers 277
Wen-Thong Chang *see* Chen-Kai Huang 5099
Wen-Thong Chang *see* Wen-Jen Ho 4780
Wen-Tong You *see* Shao-Kung Chang 38756
Wen-Tsai Lee *see* Chin-Chen Chang 15695
Wen-Tsuen Chen, Chun-Fu Huang, Chu-Chou Lee A fault-tolerant shuffleout ATM switch 5723
Wen-Tzu Chen, Huey-Ru Chuang EM coupling effects on radiation characteristics of a loop antenna by a 3-D body object in paging applications 34252
Wen-Whei Chang, Jeng-Yih Wang, Tan-Hsu Tan The statistical cryptanalysis of DFT-based speech scramblers 24845
Wen-Yao Chang *see* Tian-Hua Liu 9130
Wen-Yao Lin *see* Yi-Mo Zhang 57917
Wen-Yaw Chung, Tai-Ping Sun, Yung-Lung Chin, Yuan-Liang Kao Design of pyroelectric IR readout circuit based on $LiTaO_3$ detectors 7363
Wen-Yen Chiang, Hwai-Der Shann New deep-ultraviolet positive photoresists. II. Copolymers of p-trimethylsilylstyrenes and acrylics 42851
Wen-Yen Hwang *see* Mitra, A. 7353
Wen-Yuan Chen *see* Yuan-Fu Liao 34641
Wen-Yuh Chiu *see* Mao-Fu Lai 39285
Wen-Zen Shen, Jiing-Yuan Lin, Jyh-Ming Lu CB-Power: a hierarchical cell-based power characterization and estimation environment for static CMOS circuits 43305
Wen-Zen Shen *see* Jiing-Yuan Lin 11108
Wen-Zen Shen *see* Juinn-Dar Huang 11337
Wen-Zhong Huang *see* Huang Wen-Zhong
Wenaus, T.J. *see* Paolucci, P. 37242
Wenban, A., Brown, G. A software development system for FPGA-based data acquisition systems 27420
Wenban, A., Brown, G., O'Leary, J. Developing interface libraries for reconfigurable data acquisition boards 17229
Wenbao Wang *see* Jianping Yin 56615
Wenbi Zhang *see* Bingheng Xiang 44790
Wenbi Zhang *see* Liyun Zhong 44814
Wenbi Zhang *see* Zhang Wenbi
Wenbiao Wu, Oishi, Y., Okuyama, M., Hamakawa, Y. Laser ablation growth and electrical properties of ferroelectric bismuth titanate thin film 23178
Wenbin Dou *see* Tao Shen 33965
Wenbin Dou *see* Tao Shen 34351
Wenbin Dou *see* Tao Shen 56020
Wenbin Dou *see* Tao Shen 56171
Wenbin Dou *see* Dou Wenbin
Wenbin Jiang *see* Schwartz, D.B. 23710
Wenbin Sang *see* Sang Wenbin
Wenbin Su *see* Auckland, D.W. 43523
Wenbin Xu *see* Xu Wenbin
Wenbing Fu *see* Fu Wenbing
Wenbing Wang *see* Wang Wenbing
Wenbo Hou *see* Duorong Yuan 32982
Wenbo Hou *see* Hou Wenbo
Wenchao Liang, Goldsman, N., Mayergoyz, I., Oldiges, P.J. 2-D MOSFET modeling including surface effects and impact ionization by self-consistent solution of the Boltzmann, Poisson, and hole-continuity equations 22856
Wenchau Liu *see* Liu Wenchau
Wencheng Su *see* Su Wencheng
Wencheng Wang *see* Lei Xu 14340
Wenckebach, W.T. *see* Pellemans, H.P.M. 3686
Wenckebach, W.T. *see* Strijbos, R.C. 44587
Wenckebach, W.Th. *see* Dijkstra, J.E. 31945
Wencker, D. *see* Lu, P. 37739
Wend, C.F. *see* Vigon, B.W. 28985
Wende, G., Fritzsch, L., Kohler, H.-J., Thrum, F., Meyer, H.-G. Josephson voltage standard cryoelectronic circuits in $Nb/Al_2O_3/Nb$ technology operating at low drive frequencies 27231
Wende, U. *see* Gottfried-Gottfried, R. 13156
Wendel, M. *see* Dolgopolov, V.T. 54151
Wendel, R. Effective computer aided design of stripline Y-circulators 53550
Wendelborn, A.L. *see* Hawick, K.A. 58249
Wenden, P. Manufacturing a new range of axial flow fans 10001
Wender, S.A. *see* Beard, C.A. 7757
Wender, S.A. *see* Oberg, D.L. 22864
Wender, S.A. *see* Tosaka, Y. 2804
Wender, S.A. *see* Tosaka, Y. 59209
Wenderoth, M. *see* Heinrich, A.J. 41933
Wendhausen, P.A.P. *see* Dempsey, N.M. 3137
Wendhausen, P.A.P. *see* Eckert, D. 3134
Wendhausen, P.A.P. *see* Mueller, K.-H. 3051
Wendin, G., Shumeiko, V.S. Josephson transport in complex mesoscopic structures 32911
Wendl, M. *see* Kloc, Ch. 30711
Wendland, J.J. *see* Morley, R.J. 33371
Wendler, E., Schrempel, F., Mueller, P., Gaertner, K., Wesch, W. Determination of lattice displacements in 2 MeV Se^+ implanted GaAs by RBS and PIXE channeling experiments 12237
Wendler, E. *see* Herre, O. 32121
Wendler, H. *see* Steffen, B. 35794
Wendler, J. *see* Cabanski, W. 17501
Wendler, L., Kraft, T. Dynamical response of double parabolically graded quantum wells 2182
Wendling, X., Rochet, R., Leveugle, R. ROM-based synthesis of fault-tolerant controllers 31253
Wendman, M.A. *see* Walters, D.A. 2857
Wendong Song *see* Zhihong Mai 48513
Wendong Song *see* Song Wendong
Wendorff, J.H. *see* Lussem, G. 13871
Wendorff, J.H. *see* Schaefer, O. 33292
Wendsche, S. Immunity of computer-based equipment from impulsive interference–new requirements for immunity modelling and testing 14630
Wendt, A.E. *see* Hershkowitz, N. 12723
Wendt, E. *see* Bloodworth, R. 972
Wendt, H., Honlein, W., Franosch, M., Hasler, B., Widmann, D. Boron sidewall implantation and selective etching of p-doped poly-Si for 1 Gbit DRAM stacked capacitors 2811
Wendt, J.R. *see* Smith, R.E. 33010
Wendt, J.R. *see* Vawter, G.A. 33130
Wendt, J.R. *see* Vawter, G.A. 44503
Wendt, M. *see* Brinker, F. 49116
Wendt, R. *see* Ellimer, K. 39093
Wendt, R. *see* Ellmer, K. 10916
Wendt, R. *see* Ghoshroy, S. 7673
Wendt, R. *see* Hasson, V. 6977
Wendt, R. *see* Kovacs, M. 8676
Wendt, R., III. *see* Estevez, L. 18195
Wendt, R., III. *see* Nakamura, E. 18290
Wendzinski, F., Grundig, B., Renneberg, R., Spener, F. Highly sensitive determination of hydrogen peroxide and peroxidase with tetrathiafulvalene-based electrodes and the application in immunosensing 36721
Wener, H.-G. *see* Gerber, R. 41807
Weneser, J. *see* Baltz, A.J. 17944
Wenfa Zhong *see* Zhong Wenfa
Wenfeng Zhang, Songhua He, Guirong Guo High-resolution polarimetric radar targets recognition based on the fractal characterization 6880
Wenfeng Zhang, Songhua He, Guirong Guo Approach to reach high range resolution by using neural networks 6881
Wenfeng Zhang, Songhua He, Guirong Guo High-resolution polarimetric radar targets recognition based on the fractal characterization 36226
Wenfeng Zhang *see* Songhua He 6882
Weng, C.-J. *see* Cheng, C.-H. 30293
Weng, H.F. *see* Zeisler, E.D. 46901
Weng, J.F., Leung, S.H. Analysis of nonlinear combiner in Rician fading channels with impulse noise 45478
Weng, J.F., Leung, S.H. Analysis of DPSK with equal gain combining in Nakagami fading channels 56254
Weng, J.F., Leung, S.H., Lau, W.H., Bi, G.G. A new neural network based multiuser detector in impulse noise 6440
Weng, J.J. *see* Cui, Y. 5633
Weng, L.T. *see* Lalande, G. 20009
Weng, T.H. A $TaSi_2$ masked and plasma etched self-aligned SOS FET 32460
Weng, W., Khorasani, K. An adaptive structure neural networks with application to EEG automatic seizure detection 8055
Weng, W. *see* Toth, G. 31444
Weng, W.T. Performance and measurements of the AGS and Booster beams 18028
Weng Chen-Kuo *see* Chen-Kuo Weng
Weng Cheng-I *see* Cheng-I Weng
Weng Cho Chew, Jian-Ming Jin, Cai-Cheng Lu, Michielssen, E., Song, J.M. Fast solution methods in electromagnetics 45045
Weng Cho Chew *see* Cai-Cheng Lu 34016
Weng Cho Chew *see* Cai-Cheng Lu 34018
Weng Cho Chew *see* Jian-Ming Jin 56093
Weng Cho Chew *see* Jin-Seob Kang 35369
Weng Cho Chew *see* Jiun-Hwa Lin 36878
Weng Da Feng *see* Da Feng Weng
Weng Hai Feng *see* Hai Feng Weng
Weng Hoe Chong *see* Chong Weng Hoe
Weng Hon-Sum *see* Hon-Sum Weng
Weng Ji-Jen *see* Ji-Jen Weng
Weng Liangjun *see* Wang Jing 59380
Weng Lock Kang, Rader, M., Alexeff, I. A conceptual study of stealth plasma antenna 4382
Weng Ro-Min *see* Ro-Min Weng
Weng Wan-De *see* Wan-De Weng
Weng Xingtai *see* Cai Xuexiang 20166
Weng Xingtai *see* Ni Zhengqun 20165
Weng Yi *see* Yi Weng
Weng Zhaoheng *see* Yang Huaijiang 4076
Wengang Wu *see* Wu Wengang
Wenge Chang *see* Chang Wenge
Wenge Ren *see* Ren Wenge
Wenge Wu *see* Wu Wenge
Wenge Zhang *see* McLaren, T.S. 58394
Wenger, G. *see* Heidrich, H. 47997
Wenger, G. *see* Kokas, J. 1809
Wenger, G.M. *see* Ray, U. 22060
Wenger, H., Herig, C., Taylor, R., Eiffert, P., Perez, R. Niche markets for grid-connected photovoltaics 50826
Wenger, H. *see* Jennings, C. 50844
Wenger, H. *see* Jennings, C. 50845
Wenger, J. *see* Schneider, R. 29827
Wenger, J. *see* Stotz, M. 34444
Wenger, M.P., Blanas, P., Dias, C.J., Shuford, R.J., Das-Gupta, D.K. Ferroelectric ceramic/polymer composites and their applications 43500
Wenger, M.P., Blanas, P., Shuford, R.J., Das-Gupta, D.K. Acoustic emission signal detection by ceramic/polymer composite piezoelectrets embedded in glass-epoxy laminates 43497
Wenghua Li *see* Li Wenghua
Wengong Shi, Zhaoying Zhou, Yuli Zhang, Boxiong Wang, Jianzhen Xu Optimum design of power ultrasonic transducer system using S-matrix method 50247
Wengpe Chang *see* Chang Wengpe
Wenguang Lan *see* Lan Wenguang
Wenguo Gu *see* Qiaogen Zhang 13307
Wenguo Tang *see* Tang Wenguo
Wenhai Wu *see* Wu Wenhai
Wenham, S.R., Honsberg, C.B., Edmiston, S., Koschier, L., Fung, A., Green, M.A., Ferrazza, F. Simplified buried contact solar cell process 39088
Wenham, S.R. *see* Ebong, A.U. 38970
Wenham, S.R. *see* Ebong, A.U. 39215
Wenham, S.R. *see* Ebong, A.U. 51601
Wenham, S.R. *see* Guang Fu Zheng 20026
Wenham, S.R. *see* Guang Fu Zheng 39206
Wenham, S.R. *see* Honsberg, C.B. 39191
Wenham, S.R. *see* Sproul, A.B. 39001
Wenham, S.R. *see* Thorp, D. 39050
Wenhan Liu *see* Liwen Wu 54266
Wenhan Qin, Goel, N.S., Bingquan Wang Estimation of leaf size from hotspot observations 8534
Wenheng Liu, Kostis, W.J., Prasanna, V.K. Communication issues in heterogeneous embedded systems 4738
Wenhu Wu *see* Wu Wenhu
Wenhu Yu *see* Yu Wenhu
Wenhua Lei *see* Olsen, L.C. 38979
Wenhua Lei *see* Olsen, L.C. 39118
Wenhua Li *see* Li Wenhua
Wenhua Lin, Haifeng Li, Chen, Y.J., Dagenais, M., Stone, D. Dual-channel-spacing phased-array waveguide grating multi/demultiplexers 6721
Wenhua Lin, Haifeng Li, Chen, Y.J., Dagenals, M., Stone, D. Novel dual-channel-spacing WDM multi/demultiplexers based on phased-array waveguide grating 26722
Wenhua Lin *see* Haifeng Li 35883
Wenhua Lin *see* Haifeng Li 47498
Wenhua Lin *see* Porkolab, G.A. 22565
Wenhua Liu *see* Liu Wenhua

Wenhua Wang *see* Forsberg, F. 18346
Wenhua Yu, Mittra, R. A new nonlinear optimization technique for reconstructing dielectric scatterers with possible high contrasts 55996
Wenhua Yu, Zhongqiu Peng, Lang Jen A fast convergent method in electromagnetic inverse scattering 4220
Wenhui Du *see* Du Wenhui
Wenhui Duan *see* Duan Wenhui
Wenhui Su *see* Jiang Liu 24051
Wenhui Zhang *see* Zhang Wenhui
Wenig, S. *see* Bieser, F. 59307
Wenji Peng, Kim-Sing Wong, Hong Wang, Sou, I.K. Femtosecond time-resolved stimulated emissions in ZnSe thin film studied by up-conversion at room temperature 3877
Wenjiang Pei *see* Pei Wenjiang
Wenjie Jiang *see* Kim, S.W.A. 43047
Wenjin Liu *see* Liu Wenjin
Wenjin Zhang *see* Liakopoulos, T.M. 3238
Wenjing Chen *see* Abraham-Shrauner, B. 22561
Wenju Chen *see* Pengfei Wu 44656
Wenju Chen *see* Chen Wenju
Wenju Li *see* Cao Wei 2994
Wenjun Zeng, Liu, B. Directional spatial interpolation for DCT-based low bit rate coding 25389
Wenjun Zhuang *see* Han Yang Foo 52990
Wenjun Zhuang *see* Zhuang Wenjun
Wenk, B. *see* Lange, P. 10693
Wenk, H.-R., Chateigner, D., Pernet, M., Bingert, J., Hellstrom, E., Ouladdiaf, B. Texture analysis of Bi-2212 and 2223 tapes and wires by neutron diffraction 32892
Wenke, L. *see* Fleck, B. 43924
Wenke, L. *see* Fleck, B. 44822
Wenke, L. *see* Rehn, H. 4071
Wenku Yang *see* Yang Wenku
Wenli Cai *see* Cai Wenli
Wenli Guo *see* Guo Wenli
Wenli Zhou *see* Jun Yu 43584
Wenlong Hu *see* Hu Wenlong
Wenlong Qu *see* Qu Wenlong
Wenlong Zeng *see* Chuangtian Chen 14280
Wenlu Wang *see* Wenyi Feng 48415
Wenmiao Song *see* Song Wenmiao
Wenmin Dai *see* Dai Wenmin
Wenming Li *see* Yukun Yang 48512
Wenming Zhou, Zeyi Wang, Lan Rao Parallel calculation of 3-D parasitic resistance and capacitance with linear boundary elements 43211
Wenndt, S., Shamsunder, S. Speaker identification based on nonlinear speech models 14875
Wenneker, I. *see* Christensen, N.E. 22223
Wennekers, P., Zdebel, P., Wilson, M., Bushey, T., Bernhard, B. P-contact MESFETs for high voltage mixed-mode RF-applications 32451
Wenping Liu *see* Liu Wenping
Wenqi Gao *see* Gao Wenqi
Wenqing Wang *see* Wang Wenqing
Wenquan Che *see* Wen Junding 53555
Wenquan Jiang *see* Jiang Wenquan
Wenran Wang *see* Wang Wenran
Wenrong Deng *see* Deng Wenrong
Wensen Chang *see* Chang Wensen
Wenshen Wang, Yongqiang Shi, Weiping Lin, Bechtel, J.H. Waveguide binary photonic true-time-delay lines using polymer integrated switches and waveguide delays [for phased array systems] 56214
Wenshen Wang *see* Datong Chen 55306
Wenshen Wang *see* Yongqiang Shi 23581
Wenshen Wang *see* Yongqiang Shi 44070
Wensheng Qian *see* Qian Wensheng
Wensheng Shao *see* Zhizheng Zhou 53996
Wensheng Wang *see* Wang Wensheng
Wenstop, F. *see* Midttun, A. 50352
Wentao Hu, Hui Ye, Chuangdong Li, Zhonghong Jiang, Fuzheng Zhou All-solid-state tunable DCM dye laser pumped by a diode-pumped Nd:YAG laser 33393
Wentao Hy *see* Zhenhua Li 55547
Wentao Yu *see* Duorong Yuan 32982
Wentao Yu *see* Yu Wentao
Wentao Zheng, Shishikui, Y., Tanaka, Y., Yuyama, I. Hierarchical correlation disparity estimation for stereoscopic image coding 46102
Wente, E. *see* Arai, Y. 37267
Wente, E. *see* Arai, Y. 37268
Wenting Zhu *see* Zhu Wenting
Wentross, R. *see* Sey-Shing Sun 55438
Wentworth, S.M., Dillaman, B.L., Chadwick, J.R., Ellis, C.D., Johnson, R.W. Attenuation in silver-filled conductive epoxy interconnects 41386
Wentworth, S.M., Rao, S.M. Analysis of equiangular spiral antennas 56164
Wenwei Wang *see* Liou, S.P. 19710
Wenwu Cao *see* Mingxi Wan 36982
Wenwu Cao *see* Zhao, J. 2899
Wenwu Zhu, Yao Wang, Yuqi Yao, Jenghwa Chang, Graber, H.L., Barbour, R.L. Iterative total least-squares image reconstruction algorithm for optical tomography by the conjugate gradient method 57133
Wenwu Zhu *see* Jenghwa Chang 28155
Wenwu Zhu *see* Yuqi Yao 25519
Wenxia Pan *see* Pan Wenxia
Wenxiang Wang *see* Guofen Yu 12083
Wenxiang Wang *see* Wang Wenxiang
Wenxue Li *see* Li Wenxue
Wenxun Wang *see* Wang Wenxun
Wenxun Zhang *see* Zhining Chen 14549
Wenxun Zhang *see* Zhang Wenxun
Wenyan Yin Scattering by two parallel cladded bianisotropic uniaxial chiral fibers 23506
Wenyan Yin *see* Yin Wenyan
Wenyi Chen *see* Chen Wenyi
Wenyi Feng, Yingbai Yan, Guofan Jin, Wenlu Wang, Minxian Wu Texture information processing system with binary optical wavelet element 48415
Wenyi Feng *see* Feng Wenyi
Wenyi Wang, Hongfen Zhang The methods of reduction in network reliability computing 30378
Wenyi Zhao, Nandhakumar, N. Effects of camera alignment errors on stereoscopic depth estimates 17523
Wenyin Liu *see* Liu Wenyin
Wenyong Deng *see* Shantanu Dutt 11094
Wenyu Sun *see* Evans, D.J. 21148
Wenyung, K., Guifang, D., Genyu, Y., Jieru, W. Mass spectra of Au-Si liquid metal ion source by E×B mass filter 28014
Wenz, F. *see* Debus, J. 59405
Wenz, H.-J. Interpolation of curve data by blended generalized circles 563
Wenz Hans-Jorg *see* Hans-Jorg Wenz
Wenzel, C., Urbansky, N., Burmeister, D., Drescher, K. One and two step PVD bumping with high aspect ratio for flip chip/TAB application 22087
Wenzel, C., Urbansky, N., Klimes, W., Siemroth, P., Schulke, T. Gap filling with PVD processes for copper metallized integrated circuits 42723
Wenzel, C. *see* Stavrev, M. 42639
Wenzel, C. *see* Urbansky, N. 42730
Wenzel, D., Borsi, H., Gockenbach, E. A new approach for partial discharge recognition on transformers on-site by means of genetic algorithms 9313
Wenzel, D., Borsi, H., Gockenbach, E. Partial discharge measurement and gas monitoring of a power transformer on-site 51087
Wenzel, H. *see* Erber, G. 55670
Wenzel, H. *see* Rehberg, J. 33579
Wenzel, J., Foster, S., Hui, C.S., Green, M. System level functional test generation methodology for MCMs 1872
Wenzel, J., Kromdijk, J.G. Utilizing the benefits of linear cross-ply laminates [PCB materials] 11974
Wenzel, L. Theory of Fourier transforms for generalised signal lengths 56461
Wenzhang Zhu *see* Zhu Wenzhang
Wenzhe Lu *see* Lu Wenzhe
Wenzhi Li *see* Li Wenzhi
Wenzhi Shan *see* Shan Wenzhi
Wenzhi Zhang *see* Zhang Wenzhi
Wenzhong Shen *see* Shen Wenzhong
Wenzhong Wang *see* Wang Wenzhong
Wenzin Zheng Automated fusion-splicing of polarization maintaining fibers 23495
Wenzl, H. *see* Weise, W. 11790
Wenzong Chen *see* Gonzalez-Galvan, E.J. 57391
Weon Guk Jeong *see* Hee-Dae Kim 22244
Weon Guk Jeong *see* Sang-Wan Ryu 41924
Weon Guk Jeong *see* Sang-Wan Ryu 55597
Weon Kang Sung *see* Sung Weon Kang
Weon Lee Yang *see* Yang Weon Lee
Weon Sam Chung, Perez, R. Novel Markov chain models for GAs using different representation schemes 10362
Weon-Geun Oh *see* Oh Weon-Geun
Weppner, W. *see* Birke, P. 51455
Werahera, P.N., Jayasumana, A.P., Boes, D.C. A delay model for priority classes of FDDI based on M/G/1 with vacations 46698
Werblin, F. *see* Teeters, J. 46164
Werblin, F. *see* Zarandy, A. 35093
Werder, K.S. *see* Harriott, L.R. 22700
Werder, K.S. *see* Harriott, L.R. 42874
Wereley, N.M. *see* Kamath, G.M. 30994
Werf, A.van der *see* van der Werf, A.
Werf, C.H.M.van der *see* van der Werf, C.H.M.
Werf, F.van de *see* van de Werf, F.
Werghi, N., Doignon, C., Abba, G. Pose estimation of objects based on circular patterns in monocular computer vision 5005
Werghi, N., Doignon, C., Abba, G. Ellipse fitting and three-dimensional localization of objects based on elliptic features 56724
Wergifosse, C.de *see* de Wergifosse, C.
Wergin, W. *see* Foster, J.L. 18881
Werkema, S.J. *see* Allison, W.W.M. 37269
Werkhoven, G.H.C.van *see* van Werkhoven, G.H.C.
Werking, J. *see* Brozek, T. 43075
Werking, J. *see* Nguyen, T.T. 54483
Werking, J. *see* Salah, A. 22802
Werking, J. *see* Trabzon, L. 12937
Werking, J. *see* Trabzon, L. 32393
Werking, R.D. *see* Scheidker, E.J. 28576
Werling, T. *see* Pasquet, D. 27882
Werman, M. *see* Ofek, E. 46159
Werman, M. *see* Shekarforoush, H. 25544
Werman, M. *see* Weinshall, D. 46071
Wermeckes, B. *see* Krohn, H. 9508
Werncke, W. *see* Johr, T. 24210
Wernecke, C. *see* Nesson, R. 36394
Werner, A. *see* Furstenau, N. 49952
Werner, A.T., Byrne, H.J., Roth, S. Luminescence properties of fullerene 1843
Werner, C., Kopp, F., Heilmann, R., Rahm, S., Streicher, J. Doppler lidar experiences for the determination of the wind profile in the atmospheric boundary layer 8462
Werner, C. *see* Banakh, V.A. 18849
Werner, C. *see* Jrgensen, H.E. 58480
Werner, C. *see* Wegmuller, U. 28674
Werner, D.H., Fotopoulos, V. An efficient technique for self-term evaluation of the uniform current vector potential integrals 34182
Werner, D.H., Werner, P.L. Frequency-independent features of self-similar fractal antennas 14758
Werner, D.H., Werner, P.L. Near-zone expansions for the vector potential of the traveling-wave current loop antenna 34287
Werner, D.H., Werner, P.L., Ferraro, A.J. Frequency independent features of self-similar fractal antennas 34189
Werner, D.H. *see* Werner, P.L. 4330
Werner, F., Korzec, D., Engemann, J. Surface wave operation mode of the slot antenna microwave plasma source SLAN 11676
Werner, H., Kloeppel, B., Roeschke, J. Automated sleep stage detection using neural networks [EEG signal processing] 59627
Werner, H. *see* Behres, A. 52648
Werner, H. *see* Mack, S. 54836
Werner, J.-J. *see* Lawrence, V.B. 16434
Werner, J.H. *see* Bergmann, R. 20043
Werner, J.H. *see* Bergmann, R.B. 39084
Werner, J.H. *see* Bergmann, R.B. 40589
Werner, J.H. *see* Brendel, R. 29639
Werner, J.H. *see* Rau, U. 39207
Werner, K. Plasma hits the ground running [plasma display panels] 27795
Werner, K. The flowering of flat displays 58932
Werner, K. *see* Simon, J. 17618
Werner, K. *see* Van Veen, R.G. 42496
Werner, M., Delucchi, C., Vogel, H.-J., Maral, G., De Ridder, J.-J. ATM-based routing in LEO/MEO satellite networks with intersatellite links 25840
Werner, M. *see* Job, R. 42915
Werner, M. *see* Lutz, E. 6701
Werner, M.U. *see* Jordan, R.L. 50025
Werner, P., Elchler, S., Mariani, G., Kogler, R., Skorupa, W. Investigation of C_iSi defects in C implanted silicon by transmission electron microscopy 22532
Werner, P. *see* Darhuber, A.A. 40304
Werner, P. *see* Edelman, F. 12307
Werner, P. *see* Edelman, F. 31929
Werner, P. *see* Heinrichsdorff, F. 40651
Werner, P. *see* Ledentsov, N.N. 2177
Werner, P. *see* Schroer, E. 22211
Werner, P. *see* Spika, Z. 40354
Werner, P.L., Werner, D.H. Approximations for the cylindrical wire kernel 4330
Werner, P.L. *see* Werner, D.H. 14758
Werner, P.L. *see* Werner, D.H. 34189
Werner, P.L. *see* Werner, D.H. 34287
Werner, R. *see* Budig, P.-K. 61179
Werner, R. *see* Von Heinrich, B. 50583
Werner, S., Furst, S., Dickmanns, D., Dickmanns, E.-D. A vision-based multi-sensor machine perception system for autonomous aircraft landing approach 18647
Werner, S., Thomas, D., Streiffer, S.K., Auciello, O., Kingon, A.I. Pulsed laser deposition of $SrBi_2Ta_2O_9$ thin films for nonvolatile memory applications 10899
Werner, T., Hlavac, V., Leonardis, A., Pajdla, T. Choosing reference views for image-based representation 46270
Werner, T., Hlavav, V., Leanardis, A., Pajdla, T. Selection of reference views for image-based representation 5054
Werner, T. *see* Baumann, J. 42640
Werner, W. Economy driven–Opel's corporate network offers least-cost routing and central management 16357
Wernet, W. *see* Khan, G.F. 7462
Wernicke, G., Kruschke, O., Huth, T., Demoli, N., Gruber, H. Evaluation of fringe pattern in an optimized holographic interferometric microscope with conjugated reconstruction 33744
Wernicke, G. *see* Dahms, U. 55325
Wernicke, G. *see* Demoli, N. 4987
Werninger, J. *see* Boeck, R. 20175
Werninghaus, T., Hahn, J., Richter, F., Zahn, D.R.T. Raman spectroscopy investigation of size effects in cubic boron nitride 41898
Wernlund, L.-D. *see* Gevorgian, S. 11755
Wernsman, B. *see* Luchau, D.W. 18695
Werra, D.De *see* De Werra, D.
Wersing, W. Microwave ceramics for resonators and filters 10948
Wersing, W.-R. *see* Bruchhaus, R. 52802
Werst, M.D., Hotz, T.J., Kitzmiller, J.R., Penney, C.E., Telander, R.M. Testing of the cannon caliber rapid fire railgun 33907
Werst, M.D. *see* Kitzmiller, J.R. 33879
Werst, M.D. *see* Penney, C.E. 33886
Werst, M.D. *see* Zielinski, A.E. 33910
Wert, J. *see* Nichols, D.K. 43107
Wert, J.L. *see* Oberg, D.L. 22864
Werth, J. *see* Jain, R. 26661
Werthen, J.G., Andersson, A.G., Wu, T.-C. Optically powered sensors: are they really fiber optic sensors? 48627
Werthen, M., Wolff, I. A novel wavelet based time domain simulation approach 14692
Werthern, J.G. *see* Fahrenbruch, A.L. 38989

Werthimer, D.J. *see* Backer, D.C. 48204
Werts, M. *see* Brouwer, H.J. 23702
Wertsch, J.J. *see* Lebar, A.M. 18213
Wertz, J. *see* Maudie, T. 58702
Wertz, J.A. *see* Carpenter, M.K. 29565
Wertzt, J.R. Implementing autonomous orbit control 49846
Werwa, E., Kolenbrander, K.D. Synthesis of thin films of size selected silicon nanocrystallites using pulsed laser ablation supersonic expansion 10901
Wesch, A., Dahmen, N., Ebert, K.H. Measuring the static dielectric constants of pure carbon dioxide and carbon dioxide mixed with ethanol and toluene at elevated pressures 7526
Wesch, W. *see* Herre, O. 32121
Wesch, W. *see* Wendler, E. 12237
Wesel, R.D., Cioffi, J.M. Fundamentals of coding for broadcast OFDM 4500
Weselak, B.W. *see* Umbach, C.C. 22564
Weseler, S. *see* Andryakov, A. 37226
Wesenbeeck, M.P.N.van *see* van Wesenbeeck, M.P.N.
Wesley, L.P. *see* Saffiotti, A. 17784
Wesner, D.A. *see* An Chengwu 890
Wesner, D.A. *see* Pfleging, W. 42661
Wesner, D.A. *see* Weichenhain, R. 40691
Wesolowski, M. *see* Kaniewska, M. 14118
Wesolowski, W. *see* White, M. 37030
Wesolowsky, G.O. *see* Steiner, S.H. 341
Wesp, T. *see* Dobert, S. 37145
Wessel, J. *see* Berger, M.O. 47627
Wessel, J.G. *see* Repasky, K.S. 55795
Wessel, N., Voss, A., Kurths, J., Witt, A., Kleiner, H.J., Dietz, R. Comparison of short- and long-term heart rate variability analysis using measures from non-linear dynamics 49598
Wessel, N. *see* Voss, A. 49596
Wessel, R. *see* Baumann, I. 44059
Wessels, B.W. *see* Gill, D.M. 3413
Wessels, B.W. *see* Gyu-Chul Yi 2020
Wessels, B.W. *see* Samavedam, S.B. 726
Wessels, J. *see* Adan, I. 52410
Wessendorf, K.O. High-frequency voltage-controlled-oscillator for use with inverted-mesa quartz resonators 11699
Wesskamp, B., Jendral, A., Bryngdahl, O. Hybrid color holograms 14449
Wessman, C.A. *see* Asner, G.P. 8539
Westrom, J.-O.J. Signal propagation in electron waveguides: transmission-line analogies 2736
Westrom, J.-O.J., Hieke, K., Stalnacke, B., Palm, T., Stoltz, B. Demonstration of quantized conductance in deeply reactive ion etched $In_{0.53}Ga_{0.47}As/InP$ electron waveguides with in-plane gates 43155
West, D. *see* Buckley, K. 21407
West, G.A.W. Assessing feature importance for verification and pose refinement 5048
West, G.A.W. *see* Lim, F.L. 5289
West, G.A.W. *see* Lim, F.L. 5298
West, J. *see* Gubisch, A. 27308
West, J.C. Effect of shadowing on electromagnetic scattering from rough ocean wavelike surfaces at small grazing angles 50168
West, J.C., Sturm, J.M. A hybrid MM/GTD numerical technique for far-field scattering from impedance boundaries 34031
West, J.C., Sturm, J.M., Sletten, M. Small grazing angle radar scattering from a breaking water wave: Demonstration of Brewster angle damping 18887
West, J.D. An approach to minimize the maintenance cost for an aircraft electrical power generator 28574
West, J.G.W. The present status of electrical machines in vehicles 29855
West, J.L. *see* Dahlin, M.J. 18931
West, K. *see* Brener, I. 2224
West, K. *see* Brener, I. 11677
West, K.F., Lersch, J.R., Iverson, A.E., Webb, B.N., Stevenson, H.A. Automatic extraction and identification of lines of communication from high-resolution multispectral imagery 18950
West, K.F. *see* Lawler-Covell, M.R. 18838
West, K.F. *see* Lersch, J.R. 15768
West, K.W. *see* Barrettt, S.E. 2194
West, K.W. *see* Harff, N.E. 31990
West, K.W. *see* Pellegrini, V. 22382
West, K.W. *see* Pfeiffer, L. 10707
West, K.W. *see* Plentz, F. 12498
West, K.W. *see* Stormer, H.L. 12470
West, K.W. *see* Yacoby, A. 12385
West, K.W. *see* Yacoby, A. 12512
West, L. Innovations in IR focal-plane array cameras 27651
West, L. *see* Miles, R.H. 3892
West, L.C., Roberts, C.W., Piscani, E.C. Ultra high confinement waveguides for very large scale integrated optics (VLSIO) with three dimensional packaging 33062
West, L.E. On determining the optimum modulation index for reverse path lasers in hybrid fiber/coax networks 6727
West, N. *see* Allison, W.W.M. 37269
West, N.A., Dwolatzky, B., Meyer, A.S. Terrain based routing of distribution cables 28879
West, P.D., Slocumb, B.J. ECM modeling for assessment of target tracking algorithms 50277
West, R. *see* Dahlin, M.J. 18931
West, R. *see* Maish, A.B. 38651
West, R.D., Yueh, S.H. Atmospheric effects on the wind retrieval performance of satellite radiometers 8454
West, R.D. *see* Huddleston, J.N. 8451
West, R.T. *see* Stern, M.J. 39183
West, S. Operational support systems–glossary 35578
West, T.S. *see* Kim, H.M. 37970
Westacott, S. *see* Hopper, K.D. 7937
Westacott, S. *see* Kasales, C.J. 59455
Westberg, D., Paul, O., Andersson, G.I., Baltes, H. Surface micromachining by sacrificial aluminium etching 23034
Westberg, L. *see* Johnsson, M. 35927
Westbrook, D.R. *see* Zhou, S. 40230
Westbrook, L.D., Noel, L., Moodie, D.G. Full-duplex, 25 km analogue fibre transmission at 120 Mbit/s with simultaneous modulation and detection in an electroabsorption modulator 58295
Westbrook, R. *see* Skinner, M.I. 53846
Westbrook, S. *see* Liu, K. 12050
Westbrook, S. *see* Skinner, M.P. 302
Westcott, T. *see* RayChaudhuri, T. 15697
Weste, N.H.E. *see* Skellern, D.J. 35688
Westelius, C.-J. *see* Karlholm, J. 15732
Westen, S.J.P., Lagendijk, R.L., Biemond, J. Adaptive spatial noise shaping for DCT based image compression 25394
Westen, S.J.P. *see* van Roosmalen, P.M.B. 56926
Westendorp, R., Schneider, F. DARTS–adaptive distributed operating system for measurement and control 41215
Westenhofer, S. *see* Wehrmann, F. 44057
Westenskow, G. *see* Henestroza, E. 49183
Westenskow, G.A., Anderson, D., Eylon, S., Henestroza, E., Houck, T.L., Kim, J.S., Lidia, S.M., Reginato, L.L., Vanecek, D.L., Yu, S.S. Relativistic Klystron Two-Beam Accelerator studies at the RTA test facility 49091
Westenskow, G.A. *see* Houck, T.L. 49092
Westenskow, G.A. *see* Kim, J.S. 37026
Westerduin, K.T. *see* Schut, H. 42359
Westerhoff, S. *see* Krawczynski, H. 37287
Westerholt, J. Decentralised with Profibus-DP 29219
Westerman, W. *see* Elias, J.G. 31418
Westermann, B., Hauser, R. Non-invasive 3-D patient registration for image-guided skull base surgery 25253
Westermann, M. *see* Regli, P. 12632
Westermann, T. *see* Borie, E. 41789
Westerov, L.A., Rosanov, N.N., Smirnov, V.A., Vyssotina, N.V. Collisions of spatial solitons in medium with saturable nonlinearity 33625
Westervelt, R.M. *see* Eriksson, M.A. 31948
Westervelt, R.M. *see* Livermore, C. 22422
Westervelt, R.M. *see* Livermore, C. 31992
Westervelt, R.M. *see* Yang, S.H. 12497
Westfall, J.C. *see* Solomon, S.C. 60062
Westfeldt, P., Jr., Newton, T., Glaze, D. Effects of large holes in a dual-polarized series-fed microstrip patch array 45466
Westgaard, T. *see* Evensen, L. 59259
Westhead, P. R&D 'inputs' and 'outputs' of technology-based firms located on and off Science Parks 52087
Westhoff-Bleck, M. *see* Bleck, J.S. 18270
Westhuis, J.-H. *see* Bijhold, J. 56643
Westin, C.-F. *see* Karlholm, J. 15732
Westin, E. *see* Wabnitz, S. 14304
Westin, G. *see* Ekstrand, A. 54730
Westlake, B., Beckett, R. The OFFER electricity distribution review and its aftermath. A regional electricity company's perspective 28811
Westling, M., Davis, L.S. Object recognition by fast hypothesis generation and reasoning about object interactions 15529
Westmore, M.S., Fenster, A., Cunningham, I.A. Tomographic imaging of the angular-dependent coherent-scatter cross section 28251
Westmoreland, B.F., Klass, D.W. Unusual variants of subclinical rhythmic electrographic discharge of adults (SREDA) 59635
Weston, J., Szularz, M., Clint, M., Murphy, K. The parallel computation of partial eigensolutions of large matrices on a massively parallel processor 10474
Weston, J. *see* Murphy, K. 10473
Weston, J.L. *see* Barnard, J.A. 3044
Weston, M.W., Tsao, J.C. Regulatory guidance on relocation of pressure-temperature limits from technical specifications 38550
Westphaeling, R. *see* Woerner, A. 33504
Westphal, F.-J. *see* Hilbk, U. 6754
Westphal, F.-J. *see* Saniter, J. 58371
Westphal, F.J. *see* Hilbk, U. 58332
Westphal, G.H. *see* Bevan, M.J. 707
Westphal, P. Optimal circuit design including photodiode feedback [transimpedance amplifier] 1148
Westphal, V. *see* Mann, K. 55788
Westphalen, M. *see* Barros, J.G.C. 9121
Westphall, C.B., Kormann, L.F. Usage of the TMN concepts for the configuration management of ATM networks 46925
Westphall, C.B. *see* Kormann, L.F. 5982
Westphall, C.B. *see* Morales De Franceschi, A.S. 6114
Westra, J.R., Godijn, R.T., Verhoeven, C.J.M., van Roermund, A.H.M. Coupled relaxation oscillators with highly stable and accurate quadrature outputs 40958
Westra, J.R., Verhoeven, C.J.M., van Roermund, A.H.M. Active tuning of crystal oscillators 32762
Westra, J.R. *see* Verhoeven, C.J.M. 31152
Westra, S.W.T. *see* Gibbons, K.P. 17666
Westwater, E.R., Irisov, V.G., Fedor, L.S., Trokhimovski, Yu.G. Surface and airborne radiometric observations during the Coastal Ocean Probing Experiment: an overview 8425
Westwater, E.R. *see* Fedor, L.S. 8440
Westwater, E.R. *see* Han, Y. 8441
Westwater, R., Furht, B. Three-dimensional DCT video compression technique based on adaptive quantizers 5185
Westwater, S.P., Bullough, T.J. The microstructure and thermal stability of CBE grown heavily carbon doped GaAs 52665
Westwood, D. *see* Chen, X. 31981
Westwood, D. *see* Evans, D.A. 2245
Westwood, D. *see* Luo, J.K. 54292
Westwood, D.I. *see* Mao-long Ke 54245
Westwood, D.I. *see* Rose, K.C. 746
Westwood, D.I. *see* Sobiesierski, Z. 40381
Westwood, D.I. *see* Sobiesierski, Z. 52625
Westwood, D.I. *see* Steimetz, E. 52624
Wetherall, D.J. *see* Tennenhouse, D.L. 25971
Wetherhold, R.C. *see* Aldraihem, O.J. 954
Wethkamp, T. *see* Steimetz, E. 12443
Wetmore, R.E. The Fox Movietone News Preservation Project: engineering overview 17094
Wetmore, R.E. *see* Redshaw, R. 17095
Wetter, N.U. *see* Ranieri, I.M. 10604
Wetter, R. *see* Adam, A. 37280
Wetteroth, T., Wilson, S.R., Shin, H., Hong, S., Theodore, N.D., Huang, W.M., Racanelli, M. Spectral reflectance as a non-destructive SIMOX quality evaluation technique 22911
Wetteroth, T. *see* Chen, C. 42625
Wetteroth, T. *see* Racanelli, M. 43263
Wetteroth, T. *see* Shin, H.C. 42989
Wettling, W. *see* Bett, A.W. 38993
Wettling, W. *see* Glunz, S.W. 51560
Wettling, W. *see* Knobloch, J. 39192
Wetzel, C., Chen, A.L., Suski, T., Ager, J.W., III, Walukiewicz, W. Si in GaN–on the nature of the background donor 22238
Wetzel, C., Fischer, S., Walukiewicz, W., Ager, J., Haller, E.E., Grzegory, I., Porowski, S., Suski, T. Defect studies of GaN under large hydrostatic pressure 12287
Wetzel, C. *see* Fischer, S. 847
Wetzel, C.M. *see* Moscony, J.J. 54006
Wetzel, K.C., Marcy, W.M. Automated analysis and feedback for mass utilization of a multimedia tutorial 20641
Wetzel, K.C. *see* Harmeyer, K.M. 20533
Wetzel, P. *see* Hong, S. 10730
Wetzel, P.A., Geri, G.A., Pierce, B.J. An integrated system for measuring static and dynamic accommodation with a Canon Autoref R-1 refractometer 7940
Wetzel, P.A., Pierce, B.J., Geri, G.A. Viewing distance and the perceived size of simulator imagery 59867
Wetzer, J.M. Vacuum insulator flashover: mechanisms, diagnostics and design implications 28920
Wetzer, J.M. *see* Gaxiola, E.H.R. 2978
Wetzer, J.M. *see* Gaxiola, E.H.R. 13217
Wetzer, J.M. *see* Gaxiola, E.H.R. 43451
Wetzer, J.M. *see* Gaxiola, E.H.R. 43454
Wetzer, P. *see* Mangel, H. 38715
Wetzig, T., Urbaszek, A., Bolz, A., Moshage, W., Schultheiss, B., Stoykov, N., Henning, G., Schaldach, M. Intracardiac impedance reflecting contractility–clinical and modelling studies 28361
Wetzig, T. *see* Hubmann, M. 28360
Wetzig, T. *see* Weiss, I. 59570
Wetzler, H. *see* Dornik, M. 59164
Wetzstein, H.Y. *see* Law, S.E. 33844
Weu-Piao Lin A broadband passive optical network with low multiple optical carrier interference 16693
Weule, J. *see* Hacklander, T. 37699
Wever, T., Frei, M. Integration of SIR-C/X-SAR and Landsat TM data for geologic mapping and resource exploration 8329
Wever, U. *see* Grab, R. 11067
Wevering, S. *see* Simon, M. 43890
Weverka, R.T., Kalman, R.F., Wagner, K. Simultaneous true-time-delay beam forming for all angles of arrival in a phased array antenna 24587
Weverka, R.T. *see* Knoesen, A. 55315
Weverka, R.T. *see* McLeod, R.R. 16510
Weverka, R.T. *see* Sarto, A.W. 4109
Weverka, R.T. *see* Sarto, A.W. 24588
Weverka, R.T. *see* Wagner, K. 27006
Weverka, R.T. *see* Xu, J. 3504
Weverling, I. *see* Adam, A. 37280
Wevers, M. Listening to the sound of materials: acoustic emission for the analysis of material behaviour 52906
Wexler, A., Gant, E.P. EMC–test, measurement and simulation 34120
Wexler, R.M. *see* Ingle, N.K. 911
Wey, A. *see* Pilotto, L.A.S. 38322
Wey, J., Spahn, E., Lichtenberger, M. Railgun modeling with the P-Spice code 33908
Wey, S.C. *see* Jensen, H.D. 17158

Wey, T.A., Ogborn, L.L. A feedback chaotic circuit design 1103
Wey, Y.G. *see* Zhang, Y.M. 44238
Wey Chin-Long *see* Chin-Long Wey
Wey Jyhi-Kong *see* Jyhi-Kong Wey
Weyand, K., Bosse, V. Fluxgate magnetometer for low frequency magnetic EMC-measurements 17296
Weyand, K. *see* Willenberg, G.D. 17297
Weyburne, D.W., Ahern, B.S. Design and operating considerations for a water-cooled close-spaced reactant injector in a production scale MOCVD reactor 40326
Weydert, M. MAST-III: a European Union R&D programme in the field of marine science and technology 50131
Weyen, D. *see* van Tichelen, P. 39388
Weyers, J., Rost, W., Vogt, H. Development of a BiCMOS smart power process based on local SIMOX-technology 2848
Weyers, M. *see* Bergunde, T. 40324
Weyers, M. *see* Erber, G. 55670
Weyers, M. *see* Knauer, A. 40357
Weyers, M. *see* Kurpas, P. 40347
Weyers, M. *see* Kurpas, P. 42964
Weyers, M. *see* Sato, M. 42135
Weyers, S. *see* Aucouturier, E. 27369
Weyers, S. *see* Clairon, A. 27367
Weyers, S. *see* Clairon, A. 48295
Weyers, S. *see* Ghezali, S. 27316
Weyl-Kuo Wang, Scotti, R., Muehlner, D.J. Phase compensation of bent silica-glass optical channel waveguide devices by vector-wave mode-matching method 43999
Weyman, P. *see* Yu, Y. 43636
Weymann, M. *see* Bizeau, C. 57597
Weyrauch, M., Casnati, A., Schillebeeckx, P. GNSR - a computer code to calculate response functions of gas-filled neutron detectors 7785
Weyrich, N. *see* Quak, E. 34854
Weyrich, N. *see* Quak, E. 56378
Wezel, L.Van *see* Van Wezel, L.
Wg, W., Beaulieu, N.C. Soft chip combining receivers for interception of fast frequency hopped spread spectrum signals 35473
Wha Kim Kyung *see* Kyung Wha Kim
Whail, T.E. *see* Paul, D.J. 22293
Whaite, P., Ferrie, F.P. Autonomous exploration: driven by uncertainty 46307
Whalen, P.M. *see* Lavine, J.P. 12663
Whaley, R.D. *see* Johnson, F.G. 55712
Whaley, S. *see* Atluri, V. 12736
Whaley, S. *see* Jacobsson, H. 40399
Whaley, S. *see* Kamath, A. 22548
Whall, T.E. p-channel SiGe heterostructures for field effect applications 2663
Whall, T.E. *see* Emeleus, C.J. 42225
Whall, T.E. *see* Kashirin, V.Yu. 12202
Whall, T.E. *see* Paul, D.J. 43110
Whall, T.E. *see* Paula, D.J. 2139
Whall, T.E. *see* Ryan, J.M. 42053
Whalley, D.C., Conway, P.P. Simulation and interpretation of wetting balance tests using the Surface Evolver 11875
Whalley, D.C., Conway, P.P., Sarvar, F., Kalantary, M. The globule block wetting balance test 31606
Whalley, D.C. *see* Mannan, S.H. 12017
Whalley, D.C. *see* Mannan, S.H. 41702
Whalley, D.C. *see* Ogunjimi, A.O. 41701
Whan Hahn Jeong *see* Jeong Whan Hahn
Whan Kim Duk *see* Duk Whan Kim
Whan Na Young *see* Young Whan Na
Whang, C.N. *see* Chang, G.S. 32233
Whang Ick Ho, Lee Jang Gyu Maneuvering target tracking via model transition hypotheses 45795
Whang Ki-Woong *see* Ki-Woong Whang
Whangbo, T. *see* Malik, R. 25623
Wharam, D. Transport properties of coupled quantum dot systems 54234
Wharam, D.A. *see* Fujii, K. 12464
Wharam, D.A. *see* Kotthaus, J.P. 12447
Wharton, A. *see* Greenough, R.D. 48490
Wharton, A.D., Greenough, R.D., Galloway, N. Investigation of basic design concepts for a resonant magnetostrictive sonar projector 48492
Wharton, C.W. *see* Chittock, R.S. 31640
Wharton, K. *see* Stuart, B.C. 44427
Wharton, S.P. *see* Hammersley, V.L. 61009
Wharton, S.P. *see* Lewis, H.L. 61010
Whatmore, R.W. *see* Sweeney, T.G. 40513
Whayne, J.G. *see* Panescu, D. 59573
Whayne, J.G. *see* Panescu, D. 59758
Whayne, J.G. *see* Panescu, D. 59759
Whayne, J.G. *see* Panescu, D. 59760
Wheadon, R. Aspects of radiation hardness for silicon microstrip detectors 59245
Wheadon, R. *see* Bacchetta, N. 59289
Wheadon, R. *see* Bisello, D. 7813
Whearty, R.J. *see* Zodeh, O.M. 38769
Wheatley, C. CDMA's dependence on good timing and related issues 26576
Wheatley, C.F., Titus, J.L., Burton, D.I., Carley, D.R. SEGR response of a radiation-hardened power MOSFET technology 22869
Wheatley, C.F. *see* Allenspach, M. 8240
Wheatley, C.F. *see* Allenspach, M. 22866
Wheatley, C.F. *see* Johnson, G.H. 22867
Wheatley, C.F. *see* Titus, J.L. 22868
Wheatley, D.M. *see* Diehl, R. 1688
Wheatley, M.A. *see* Forsberg, F. 18346
Wheaton, R. The components of reliability 30113
Wheeland, C.L., Worthington, M.S., Ramacher, K.F., Doyle, E.M. Ultra low-noise CFA design and development for the AN/SPY-1B/D radar 1928
Wheeland, C.L. *see* Worthington, M.S. 1905
Wheeler, B. *see* Adiletta, M. 47466
Wheeler, B.C. Universal access to ECE undergraduate information via the Web 20522
Wheeler, C., Daryanani, S., Mathine, D.L., Maracas, G.N., Allee, D.R. Monolithic integration of a GaAs MESFET with a resonant cavity LED using a buried oxide layer 23716
Wheeler, C.B., Mathine, D.L., Johnson, S.R., Maracas, G.N., Allee, D.R. Selectively oxidized GaAs MESFETs transferred to a Si substrate 43341
Wheeler, D. Transactions Using Bets 57633
Wheeler, D. *see* Li, S.T. 47609
Wheeler, E.D., Boone, J.L., Farmer, J.W., Chandrasekhar, H.R. Incorporation of Cu_{Zn} centers in ZnSe far from equilibrium 22527
Wheeler, E.D., Boone, J.L., Farmer, J.W., Chandrasekhar, H.R. Neutron transmutation doping as an experimental probe for Cu_{Zn} in ZnSe 32125
Wheeler, F.J. Optimization of BNCT treatment planning 8124
Wheeler, F.J. *see* Liu, H.B. 8133
Wheeler, J.C.G. *see* Arklove, M.C. 43567
Wheeler, M.D. *see* Ikeuchi, K. 6946
Wheeler, P., Grant, D. Optimised input filter design and low-loss switching techniques for a practical matrix converter 38867
Wheeler, P.A. Using the WWW in advanced digital design courses 20638
Wheeler, P.W., Clare, J.C., Sumner, M. A bi-directional rectifier for use with a voltage fed inverter in a high performance variable speed AC motor drive system 51691
Wheeler, R.G. *see* Deshpande, M.R. 31986
Wheeler, R.I. *see* San, B.K. 52235
Wheeler, R.L. *see* Sen, B.K. 1741
Wheeler, W.W. *see* Hegland, M. 30683
Whelan, A.E. *see* Edwards, M.D. 31192
Whelan, C.S., Lercel, M.J., Craighead, H.G., Seshadri, K., Allara, D.L. Improved electron-beam patterning of Si with self-assembled monolayers 22628
Whelan, C.S. *see* Lercel, M.J. 22728
Whelan, K. *see* Ellison, T. 51591
Whelan, M.P., Kenny, R.P., Sheridan, J.T., Coutsomitros, C.T. Thin cavity interferometric sensors for detection of weak radiation flux and microvibrations 7306
Whelan, M.P. *see* Kenny, R.P. 48640
Whelan, P.F. System engineering issues in industrial inspection 46198
Wherrett, B. *see* Hughes, S. 14272
Wherrett, B.S. *see* Changhai Wang 43905
Wherrett, B.S. *see* Desmulliez, M.P.Y. 13754
Wherrett, B.S. *see* Matsuda, H. 55836
Wherrett, B.S. *see* Rangel-Rojo, R. 43892
Whetsel, L. Proposal to simplify development of a mixed signal test standard 41346
Whetsel, L. Improved boundary scan design 43188
Whetton, C. *see* Rasmussen, B. 39684
Whi-Beom Shin *see* Jung-Hoon Lee 39287
Whichello, A.P., Hong Yan Locating address blocks and postcodes in mail-piece images 5641
Whidden, T.K., Ferry, D.K., Kozicki, M.N., Kim, E., Kumar, A., Wilbur, J., Whitesides, G.M. Pattern transfer to silicon by microcontact printing and RIE 54388
Whidden, T.K., Yang, S.-J., Jenkins-Gray, A., Pan, M., Kozicki, M.N. Nanoscale lithography of silicon dioxide using electron beam patterned carboxylic acids as localized etch initiators 42843
Whidden, T.K. *see* Allgair, J. 54386
Whidden, T.K. *see* Ferry, D.K. 2557
Whidden, T.K. *see* Kozicki, M.N. 12842
Whidden, T.K. *see* Thanikasalam, P. 54397
Whiffin, P.G. An introduction to the ZF 5HP24 transmission control system fitted to the new Jaguar XK8 29850
Whillock, R., Miller, C. Development and testing of HMD display formats for M1A2 tank commanders 18986
Whinston, A.B. *see* Gupta, A. 35692
Whinston, A.B. *see* Konana, P. 47368
Whinston, A.B. *see* Watabe, K. 39625
Whiny, H. Design experiences on a 41.5 million-gate project 1039
Whipple, D. PCS systems challenge production test 6496
Whipple, G.H. *see* McKinley, B.L. 15074
Whistler, R.J. *see* Allocco, A.M. 38813
Whitaker, C. *see* Jennings, C. 50844
Whitaker, C. *see* Jennings, C. 50845
Whitaker, C. *see* Kroposki, B. 39177
Whitaker, J.F. *see* Grenier, P. 41981
Whitaker, J.F. *see* Sung, C.Y. 31813
Whitaker, J.F. *see* Wang, H.-H. 55432
Whitaker, J.S. *see* Abe, K. 37234
Whitaker, M.F., Dunstan, D.J., Missous, M., Gonzalez, L. A general approach to measurement of band offsets of near-GaAs alloys 22386
Whitaker, N. *see* Turkington, B. 557
Whitbread, T. *see* Arkwright, J.W. 24087
Whitby, E., Hoshino, M. Particle size distribution in a low pressure SiH_4:O_2:He chemical vapor deposition reactor. Experimental and numerical results 909
Whitby, F.G. *see* Stowell, M.H.B. 18159
Whitcomb, E. *see* Fu-Sheng Tsai 51205
Whitcomb, K. *see* Lyons, D. 15777
White, A.E. *see* Kohnke, G.E. 23556
White, A.E. *see* Williams, J.S. 42319
White, A.G. *see* Bachor, H.-A. 23832
White, A.J., Dunnage, P., Spurrell, S. Electromagnetic compatibility in electrical surface heating devices and associated control and monitoring equipment 20228
White, A.M. *see* Ashley, T. 44434
White, A.M. *see* Beattie, A.R. 54075
White, A.M. *see* Elliott, C.T. 698
White, A.M. *see* Elliott, C.T. 7320
White, A.M. *see* Maxley, C.D. 700
White, B. *see* Frayman, F. 30177
White, B.E., Jr *see* Zurcher, P. 1378
White, C., Raghu, S., Giannotti, G., Giannotti, H. Power boost of gas turbines by inlet air cooling 19579
White, C. *see* Bauer, C. 37326
White, C. *see* Bauer, C. 37378
White, C. *see* Jackson, G.L. 49856
White, C.C., III, Bander, J.L. A Markov decision process with delayed state availability 21042
White, C.P. *see* Hsu, J.S. 29241
White, C.W. *see* Guotong Du 14189
White, C.W. *see* Henderson, D.O. 42126
White, C.W. *see* Ueda, A. 12666
White, C.W. *see* Zhu, J.G. 12667
White, D. *see* Whiteley, M. 632
White, D.A., Boning, D., Butler, S.W., Barna, G.G. Spatial characterization of wafer state using principal component analysis of optical emission spectra in plasma etch 32167
White, D.G., Tietze, R.C., Jolly, D., Hammond, D. Deep ocean ROV operated coring device 49978
White, D.J. *see* Johnson, P.W. 39489
White, D.R., Williams, J.M. A resistance network for verifying the accuracy of resistance bridges 27828
White, D.W. Coupled-microstrip bandpass sine filters for broadband communications systems 21787
White, E. *see* Szumski, S. 8756
White, G., Pooch, V. Cooperating security managers: distributed intrusion detection systems 5936
White, G. *see* Kjaer, P.C. 50964
White, G. *see* Persad, C. 24411
White, G. *see* Persad, C. 33875
White, G.A. *see* Equall, R. 14410
White, H. Reliability of polymeric composite PTC circuit protection devices 39928
White, H., Grover, A. Reliability of surface-mount PPTC circuit protection devices 53727
White, H.B. *see* Dempsey, D. 38392
White, H.P., Miller, J.R., Soffer, R., Wanner, W. Semiempirical modelling of bidirectional reflectance utilizing the MODIS BRDF/Albedo algorithm models 8296
White, I.H. *see* Asghari, M. 36087
White, I.H. *see* Khrushchev, I.Y. 44439
White, I.H. *see* Raddatz, L. 26747
White, I.H. *see* Raddatz, L. 36123
White, I.H. *see* Stephens, M.F.C. 26727
White, I.H. *see* Stephens, M.F.C. 44509
White, I.H. *see* Stephens, M.F.C. 58340
White, I.H. *see* Thompson, G.H.B. 36110
White, I.H. *see* Williams, K.A. 23978
White, J. Making the Net a boardroom issue 47026
White, J. *see* Bhaskar, N.D. 17165
White, J. *see* Chun Hu 12932
White, J. *see* Elfadel, I.M. 24951
White, J. *see* Johnson, W.H. 42390
White, J. *see* Law, K. 13722
White, J. *see* Martin, S.T. 2699
White, J. *see* Martin, S.T. 42598
White, J. *see* Miguel Silveira, L. 11101
White, J. *see* Monteiro, J. 41060
White, J. *see* Senturia, S.D. 54842
White, J. *see* Tausch, J. 41529
White, J.A., Purdom, D.M. Viewing modern instructional technology through conceptions of curriculum 30059
White, J.A., Reichmuth, R. Simplified method for predicting building energy consumption using average monthly temperatures 29882
White, J.E. *see* Heger, A.S. 52379
White, J.M. *see* Kamath, A. 22548
White, J.M. *see* Neumayer, D.A. 21257
White, K.E. A systems approach to telecom battery monitoring and control using the rectifier power plant 51484
White, K.J., Stobie, I., Oberle, W., Katulka, G., Driesen, S. Combustion control requirements in high loading density, solid propellant ETC gun firings 33867
White, K.P., JR., Trybula, W.J. DFM for the next generation [semiconductor manufacturing] 32489
White, K.R., Sweatt, R.A. Welcome mat to the WAN 16485
White, L., Suryanarayana, D. Flip chip encapsulation for MCM-L 39846
White, L.B. *see* Spanjaard, J.M. 50885
White, L.H. *see* Williams, K.A. 23987
White, L.K. *see* Loboda, M.J. 310
White, L.K. *see* Loboda, M.J. 2748

White, L.K. *see* Loboda, M.J. 52233
White, L.W., Ying-Jun Jin, O'Meara, D.J. Estimation of discontinuous elliptic coefficients 21130
White, M., Arnold, N., Berg, W., Cours, A., Fuja, R., Grelick, A.E., Ko, K., Qian, Y.L., Russell, T., Sereno, N., Wesolowski, W. Construction, commissioning and operational experience of the Advanced Photon Source (APS) linear accelerator 37030
White, M. *see* Cho, Y. 18067
White, M. *see* Grelick, A.E. 49210
White, M. *see* McNeill, M.D.J. 40779
White, M. *see* Waller, M. 11479
White, M.H., Yang, Y.L., Purwar, A., French, M.L. A low voltage SONOS nonvolatile semiconductor memory technology 1368
White, M.J., Iskander, M.F., Zhenlong Huang, Kimrey, H.D. A three dimensional multi-grid FDTD code for modeling microwave sintering of materials 30975
White, N.M., Turner, J.D. Thick-film sensors: past, present and future 36459
White, N.M. *see* Koch, M. 32568
White, N.R. *see* Solomon, S.C. 60062
White, P. A service system for BT's major customers 35546
White, P.L. *see* Brunton, A.N. 37532
White, P.R., Collis, W.B., Salmon, A.P. Analysing heart murmurs using time-frequency methods 37765
White, P.R., Collis, W.B., Salmon, A.P. Time-frequency analysis of heart murmurs in children 49533
White, P.R. *see* Fackrell, J.W.A. 25051
White, P.R. *see* Lee, S.K. 4829
White, P.R. *see* Leung, T.S.-T. 48161
White, R. Elimination of clock skew in fast logic 31353
White, R.E. *see* de Vidts, P. 19963
White, R.E. *see* Ramasubramanian, M. 30853
White, R.G., Blake, A., Horne, A.M., Young, S. Very high resolution SAR data 16955
White, R.G. *see* Coe, D.J. 27029
White, R.G. *see* Jahangir, M. 16836
White, R.G. *see* Murray, D.J. 58475
White, R.G. *see* Yu, C.C. 47438
White, R.G. *see* Yu, C.C. 47439
White, R.L. The modular approach to radar processing 58444
White, R.L., Newt, R.M.H., Pease, R.F.W. Patterned media: a viable route to 50 Gbit/in^2 and up for magnetic recording? 32848
White, R.L. *see* Doerner, M.F. 3226
White, R.L. *see* Johnson, K.E. 13458
White, R.L. *see* Percival, J.W. 15961
White, R.M. *see* Lal, A. 18230
White, R.M. *see* Lal, A. 28415
White, R.M. *see* Lee, S.S. 18976
White, R.V. Fault tolerance in distributed power systems 8730
White, R.V. Fault tolerance in distributed power systems 50349
White, S. *see* Belikov, S.V. 28029
White, S. *see* Shutt, T. 37472
White, S.W. *see* Moore, D.S. 8464
White, V. *see* Feinerman, A.D. 12847
White, V. *see* Ghodssi, R. 23064
White, W.B. *see* Erdei, S. 55406
White, W.B. *see* Roy, R. 13822
White, W.E. *see* Chu, K.C. 17838
White, W.R., Dajani, I., Kendall, J.P. An investigation of the origin of the compromising field in germanosilicate waveguide electric-field-induced second harmonic experiments 33724
White, W.R. *see* Ranon, P.M. 13753
Whiteaway, J.E.A. General time-domain simulator for optical systems incorporating semiconductor lasers and amplifiers 55626
Whiteaway, J.E.A. *see* Stephens, M.F.C. 58340
Whitecotton, B.R. *see* Kumar, S. 13514
Whitehead, A., Kirkwood, H.P., Jr. Empowering women: creating a women's presence on the Web 26224
Whitehead, A.H., Edstrom, K., Rao, N., Owen, J.R. In situ X-ray diffraction studies of a graphite-based Li-ion battery negative electrode 29567
Whitehead, M. *see* Killey, R.I. 16758
Whitehead, M.C. *see* Quagliano, J.R. 60087
Whitehill, E. *see* Pomalaza-Raez, C.A. 58096
Whitehill, E.A. Use of end-to-end acknowledgment in Mil-Std-188-220 A extended networks 60154
Whitehouse, C.R. *see* Sobiesierski, Z. 40381
Whitehouse, C.R. *see* Steer, M.J. 32010
Whitehouse, C.R. *see* Tribe, W.R. 41901
Whitehouse, D.J. *see* Zuobin Wang 44836
Whitehouse, S. *see* Corr, D. 6934
Whiteley, M., White, D., Benzley, S., Blacker, T. Two and three-quarter dimensional meshing facilitators 632
Whiteley, M.R., Roggemann, M.C., Johnson, R.O., Rogers, S.K. Detection of military vehicles using infrared spectral radiometric signatures 28708
Whiteley, M.R. *see* Roggemann, M.C. 25262
Whiteman, D., Glen, G. Compression methods for instrumentation video 5530
Whiteman, R., Diggins, J., Schoellmann, V., Buckling, G., Clark, T.D., Prance, R.J., Prance, H., Ralph, J.F., Widom, A. Bistability in the frequency response of a driven SQUID ring-radio frequency resonator system 32932
Whites, K.W., Chung, C.Y. Composite uniaxial bianisotropic chiral materials characterization: comparison of predicted and measured scattering 55995
Whites, K.W., Mittra, R. An equivalent boundary-condition model for lossy planar periodic structures at low frequencies 14562
Whites, K.W. *see* Chung, C.Y. 4240
Whitesides, G.M. Self-assembly and nanotechnology 962
Whitesides, G.M. *see* Aksay, I.A. 2997
Whitesides, G.M. *see* Johnson, K.S. 2484
Whitesides, G.M. *see* Rogers, J.A. 17384
Whitesides, G.M. *see* Rogers, J.A. 23469
Whitesides, G.M. *see* Wang, D. 42808
Whitesides, G.M. *see* Whidden, T.K. 54388
Whitesides, G.M. *see* Wilbur, J.L. 54540
Whitford, B.G., Bernard, J.E., Madej, A.A., Siemsen, K.J. A method for the absolute measurement of the 445 THz clock frequency of a single, cooled Sr ion and of the 474 THz HeNe/I_2 laser frequency 48805
Whitford, B.G. *see* Madej, A.A. 48310
Whitham, K. *see* Anamkath, H. 60865
Whiting, B.R., Seshadri, S., Owen, J.F. Electronic imaging for medical applications now and in the future 18374
Whiting, I.M. Tools for the implementation of enhanced PID controllers and their use in electro-hydraulic servo applications 29514
Whiting, J.S.S. *see* Jordan, S.M. 3493
Whiting, J.S.S. *see* Niedoba, H. 43670
Whitledge, T.E. *see* Seguin, R.J. 50203
Whitley, C.R. *see* Koster, J.E. 49336
Whitley, G. *see* Scoville, J. 8691
Whitley, L.D. *see* Rana, S. 10321
Whitley, R.J. *see* Hromadka, T.V. 21126
Whitlock, C.H. *see* Mayor, S. 18768
Whitlock, S. *see* Recio, M. 58623
Whitlow, H.J. *see* Evensen, L. 59259
Whitmal, N.A., Rutledge, J.C., Cohen, J. Reduction of autoregressive noise with shift-invariant wavelet-packets 34917
Whitman, J. *see* Jefferies, W. 18788
Whitmore, L.C. *see* Jeynes, C. 12153
Whitmore, M.A. *see* Vincent, J.H. 39770
Whitmore, M.A. *see* Warwick, M.E. 39769
Whitmoyer, B. *see* Smith, R. 18628
Whitney, J.T. *see* Daniel, J.H. 43401
Whitney, K.G. *see* Sanford, T.W.L. 7753
Whitney, S.C. *see* Balasubramaniam, K. 11016
Whitrow, R.J. *see* Raza, G. 25328
Whitt, W. *see* Abate, J. 10256
Whitt, W. *see* Abate, J. 21214
Whitt, W. *see* Jennings, O.B. 10249
Whitt, W. *see* Massey, W.A. 21029
Whittaker, B.E., Doherty, N.A. Boundary scan helps solve field failures 31176
Whittaker, J. *see* Xiuwen Zhu 20247
Whittaker, S.J. *see* Johnston, D. 46961
Whittaker, T., III *see* Goedert, R. 24219
Whittal, D.M. *see* Martinez, E. 49350
Whitten, J.L. *see* Lucovsky, G. 881
Whitten, J.L. *see* Lucovsky, G. 43016
Whittington, H.W., Gundry, S. Effect of global climate change on renewable energy 19601
Whittington, H.W. *see* Bellhouse, G. 19448
Whittington, H.W. *see* Wilson, D.H. 9003
Whittington, H.W. *see* Wilson, D.H. 19260
Whittle, M., Atkin, R.J., Bullough, W.A. Dynamics of an electrorheological valve 971
Whittlesey, A.C. *see* Garrett, H.B. 37942
Whitton, M.C. *see* Fuchs, H. 18220
Whittum, D. *see* Neuffer, D. 7694
Whittum, D.H. *see* Seidel, M. 49050
Whoi-Yul Kim *see* Yong-Sung Kim 59384
Whorton, M. *see* Edberg, D. 49861
Whun Sohn Suk *see* Suk Whun Sohn
Whyborn, N.D. *see* Gao, J.R. 53614
Whyte, C.G. *see* Brown, D.J.W. 55495
Whyte, C.G. *see* Isaev, A.A. 3992
Whyte, H.D. *see* Nebot, E.M. 27115
Whyte, R.N., Keating, J.G. An artificial neural network for solving the correspondence problem using colour information 57536
Whyte, V.A.Alanzo *see* Alanzo Whyte, V.A.
Wi, S., Choi, Y. A delay-constrained distributed multicast routing algorithm 46817
Wi Sunjoo *see* Sunjoo Wi
Wiak, S. *see* Turowski, M. 9287
Wiart, A., Bonal, J. An analytical study of harmonic voltages, currents and torque ripples in drives fed with optimised PWM voltage patterns 61162
Wiart, J., Mittra, R. Power deposited in biological tissues from a hand-held mobile antenna 37919
Wiart, J. *see* Strojwas, A.J. 13139
Wiatr, W. Multi-state radiometry: noise de-embedding and unterminating 27865
Wiatr, W., Schmidt-Szalowski, M. The multi-state radiometer: a novel means for impedance and noise temperature measurement 27861
Wiatr, W. *see* Heymann, P. 48862
Wiatr, W. *see* Schmidt-Szalowski, M. 27304
Wiatrzyk, J.M. *see* Broadbent, A.J. 43861
Wiatrzyk, J.M. *see* Broadbent, A.J. 55131
Wiatrzyk, J.M. *see* Broadbent, A.J. 55132
Wiberg, D. *see* Bonivert, W.D. 21327
Wiberg, N.-E., Bausys, R., Hager, P. Improved eigenfrequencies and eigenmodes in free vibration analysis 10566
Wiberg, W.C. *see* Fry, G.E. 47541
Wibisono, G., Sasase, I. Trellis coded 8PSK modulation with diversity on spatially correlated Rayleigh fading channel 35982
Wibisono, G., Sasase, I. Trellis coded PSK modulation with diversity on correlated Rayleigh fading channel 45510
Wichern, J. *see* Boldt, P. 24182
Wichern, J. *see* Meerholz, K. 24231
Wichert, D. *see* Withrow, K. 8991
Wichert, T. *see* Ostheimer, V. 12214
Wichmann, B.A. Software in scientific instruments–a good practice guide 58640
Wichmann, R. *see* DeWitt, J. 59243
Wichmann, R. *see* Dubbs, T. 37393
Wichmann, R. *see* Dubbs, T. 59292
Wichmann, R. *see* Sadrozinski, H.F.W. 37399
Wichmann, R. *see* Unno, Y. 37395
Wick, C.E. Teaching embedded computer systems with a Windows-based simulator 20493
Wickard, T. *see* Weaver, G. 32759
Wickard, T.E., Hanson, W.P. The complication of helium desorption in the helium leak method 13348
Wicke, M. *see* Bogner, G. 44529
Wickelgren, I.J. The facts about FireWire [serial communication bus] 57804
Wickenden, A.E., Alexander, W.B., Koleske, D.D., Freitas, J.A. Jr. The influence of strain and mosaic structure on electrical and optical properties of GaN films on sapphire substrates 40457
Wickenden, A.E. *see* Binari, S.C. 31507
Wickenden, A.E. *see* Doverspike, K. 13034
Wickenden, A.E. *see* Edwards, A. 54368
Wickenden, D. *see* Huang, Z.C. 41984
Wickenden, D.K. *see* Givens, R.B. 7258
Wickenden, D.K. *see* Huang, Z.C. 54313
Wickenden, D.K. *see* Kistenmacher, T.J. 10893
Wickenden, D.K. *see* Miragliotta, J. 14387
Wickenden, D.K. *see* Osiander, R. 17243
Wickenden, S. Interconnect routing and traffic routes 57674
Wickenhaeuser, S. *see* Hollaender, B. 54053
Wickenhauser, S., Vescan, L., Schmidt, K., Luth, H. Determination of the activation energy for the heterogeneous nucleation of misfit dislocations in $Si_{1-x}Ge_x/Si$ deposited by selective epitaxy 22291
Wickens, C.D. *see* Schreiber, B. 59933
Wickens, C.D. *see* Ververs, P.M. 59937
Wicker, A. *see* Chapelain, D. 47911
Wicker, G., Greubel, G. Fast adaptive data transmission on shortwave at up to 5400 bit/s with HF Modem GM2100 6382
Wicker, S.B. *see* Miin-Jong Hao 16781
Wicker, S.B. *see* Xiao-An Wang 34617
Wickert, M.A. *see* Ionescu, D.M. 25061
Wickert, M.A. *see* Rezeanu, S.-C. 35904
Wickham, L.K., Sethna, J.P. Microscopic estimates for electromigration velocities of intragranular voids in thin aluminum lines 42771
Wickham, M., Hunt, C. Effects of component solderability on solder fillet shape and process yield 22062
Wickham, M., Lembo, L., Dozal, L., Brock, J. Fiber-optic Bragg grating true-time delay generator for broadband RF applications 56211
Wicki, T. *see* Mu, A. 6415
Wickline, S.A. *see* Christy, D.H. 18305
Wickman, G. *see* Johansson, B. 37927
Wickman, R. *see* Suning Tanp 55345
Wickramanayaka, S. *see* Sano, K. 10887
Wickramasinghe, V.R., Ghassemlooy, Z. Pulse position modulation for a subcarrier multiplexed optical fibre transmission system 26770
Wicks, A.E. *see* Fletcher, P.N. 45428
Wicks, F. Estimating present and future fuel consumption impacts of higher speed limits 29759
Wicks, F., Martino, J.P. Design and analysis of a simpler DC to AC power transfer circuit for residential size photovoltaic panels 29154
Wicks, F.E. *see* Valvo, M. 20190
Wicks, G. *see* Jordan, R.H. 44598
Wicks, M. *see* Currie, N. 56648
Wicks, M.C. *see* Currie, N.C. 18978
Widarta, A., Kuwano, S., Kokubun, K. Unified solutions of the scattering coefficients of E-plane junctions in rectangular waveguides 45347
Widder, E.A. *see* Kocak, D.M. 50162
Wide, P., Driankov, D. A fuzzy approach to multi-sensor data fusion for quality profile classification 24960
Wide, P., Winquist, F., Driankov, D. An air-quality sensor system with fuzzy classification 36777
Wider, J. *see* Tsai, A. 25374
Widiastuti, R. *see* Yoshida, S. 21394
Widiastuti, R. *see* Yoshida, S. 36886
Widjaja, I. *see* Crow, B. 16307
Widjaja, I. *see* Jeong Geun Kim 6081
Widjaja, I. *see* Kompella, A.K. 46800
Widjaja, J., Tomita, Y., Wahab, A. Application of wavelet-matched filters to holographic associative memories 3328
Widjaja, J., Wahab, A. Optical associative memory using wavelet transform 33172
Widlok, H. The applications of concurrent simulation in the power electronics laboratory 1137

Widman, G., Bingmann, D. DAPAS, a computerised workplace for digital acquisition and processing of analog signals, with up to two gigabytes data per registration 8050
Widmann, D. *see* Wendt, H. 2811
Widmann, G.R. *see* Schumacher, R.W. 58736
Widmann, K., Pretzler, G., Woisetschlager, J., Philipp, H., Neger, T., Jager, H. Interferometric determination of the electron density in a high-pressure xenon lamp with a holographic optical element 4096
Widmann, P. *see* Blum, W. 3597
Widmayer, C.C., Auerbach, J.M., Ehrlich, R.B., Henesian, M.A., Hunt, J.T., Lawson, J.K., Milam, D., Renard, P.A., Speck, D.R., Wegner, P.J., Weiland, T.L., Williams, W.H., Wolfe, C.R., Van Wonterghem, B.M. Producing National Ignition Facility (NIF)-quality beams on the Nova and Beamlet lasers 23873
Widmayer, C.C. *see* Van Wonterghem, B.M. 24047
Widmer, A.X., Wrenner, K., Ainspan, H.A., Parker, B., Austruy, P., Brezzo, B., Haen, A.-M., Ewen, J.F., Soyuer, M., Blanc, A., Abbiate, J.-C., Deutsch, A., Shin, H.J. Single-chip 4×500-MBd CMOS transceiver 26425
Widmer, R. *see* Corsini, R. 14025
Widom, A. *see* Whiteman, R. 32932
Widom, J. *see* Lam, D. 36028
Widom, J. *see* Lam, D. 47728
Widya, I.A. *see* Huis in't Veld, R.J. 16377
Wie, B.J.Van *see* Van Wie, B.J.
Wiebe, H.A. *see* Hoff, R.M. 28618
Wiebe, K.J., Basu, A. Improving image and video transmission quality over ATM with foveal prioritization and priority dithering 6346
Wiebel-Sooth, B. *see* Krawczynski, H. 37287
Wiebert, A. *see* Hakansson, K. 49295
Wiebusch, C. *see* Karle, A. 6828
Wiecek, B., Hausman, S., Wasilewski, P., Cabel, D., Deka, M., Szkodzik, A. Subband coding for thermal image compression 5482
Wiecek, B. *see* Grecki, M. 43225
Wiechert, D.U. *see* Makovicka, C. 53909
Wiechmann, E. *see* Rodriguez, J. 51353
Wiechmann, E.P., Garcia, A.R., Salazar, L.D., Rodriguez, J.R. High-performance direct-frequency converters controlled by predictive-current loop 60931
Wiechmann, W. *see* Kubota, S. 2475
Wieck, A.D. *see* Tscheuschner, R.D. 32469
Wieczorek, U. Value of image information categories and its importance for development and application of digital image processing systems 57304
Wiedeman, S. *see* Kessler, J. 39068
Wiedeman, S. *see* Kessler, J. 39094
Wiedemann, H. Observation of coherent radiation from sub-picosecond electron bunches 20220
Wiedemann, H. *see* Hung-Chi Lihn 18016
Wiedemann, H. *see* Lugiato, L.A. 33709
Wiedemann, P., Laube, G., Weber, J., Lach, E. MOVPE growth of ternary and quaternary tensile strained MQW structures for polarization insensitive devices 40334
Wiedemann, P. *see* Haisch, H. 26831
Wiedenbrug, E. *see* Kemp, A. 29284
Wiedenmann, D., Michalzik, R., Moeller, B., Ebeling, K.J. Static and dynamic characteristics of vertical-cavity semiconductor laser amplifiers 33517
Wiedenmann, D. *see* Fiedler, U. 44570
Wieder, H.H. *see* Goldman, R.S. 2105
Wieder, H.H. *see* Goldman, R.S. 52622
Wieder, H.H. *see* Young, A.P. 54156
Wiedman, T. *see* Zipp, J. 28937
Wiedman, T.E. *see* Hussain, B. 50629
Wiedmann, F., Huyart, B., Bergeault, E., Jallet, L. New structure for a six-port reflectometer in MMIC technology 27868
Wiedmer, A. *see* Rainer, W. 18168
Wiefling, R.R., Lubinski, J.R., Chastney, D.J. Power transformer maintenance and testing 39451
Wiegand, R. *see* Kreusel, J. 19890
Wiegand, T. *see* Girod, B. 5145
Wiegel, B. *see* Luszik-Bhadra, M. 8194
Wiegele, T.G. Micro-turbo-generator design and fabrication: a preliminary study 19723
Wiegenstein, C.G., Schulz, K.H. A four-point surface conductivity probe suitable for in situ ultrahigh vacuum conductivity measurements 48824
Wiegerink, R. *see* Jansen, H. 42495
Wiehagen, J. *see* Ellison, T. 51591
Wiel, O.van de *see* van de Wiel, O.
Wielaard, D.J. *see* Mishchenko, M.I. 58477
Wieland, J. *see* Lenstra, D. 26809
Wieland, J. *see* Treitinger, L. 13114
Wieland, J. *see* Treitinger, L. 22952
Wieland, T., Mirasso, C.R., Lenstra, D. Prevention of coherence collapse in diode lasers by dynamic targeting 55702
Wiele, F.Van De *see* Van De Wiele, F.
Wiele, J.De *see* De Wiele, J.
Wiele, T.van der *see* van der Wiele, T.
Wieler, R. *see* Gale, D. 11133
Wielers, M. *see* Becks, K.H. 59228
Wielgosz, U. *see* Allison, W.W.M. 37269
Wielinski, C. *see* Finkelstein, S.M. 49375
Wielopolski, L., Coderre, J.A., Chanana, A.D., Capala, J., Elowitz, E.H., Shady, M., Chadha, M., Diaz, A.Z., Iwai, J., Joel, D.D., Slatkin, D.N. Clinical trial of BNCT for glioblastoma multiforme 8121
Wieman, C.E. *see* Roos, P.A. 14499
Wieman, H., Anderssen, E., Banerjee, A., Betts, W., Bossingham, R., Ghazikhanian, V., Gong, W., Greiner, D., Harper, G., Huang, H., Hjort, E., Kotchenda, L., Lebedev, A., Sakrejda, I., Shuman, D., Smith, M., Sobel, A., Stone, N., Stringfellow, B., Trainor, T., Trentalange, S., Wells, R. STAR TPC at RHIC 59275
Wieman, H. *see* Alyushin, M. 58621
Wieman, H. *see* Betts, W. 59222
Wieman, H. *see* Bieser, F. 59307
Wieman, H. *see* Burks, M. 59206
Wiemer, M. *see* Gessner, T. 27497
Wiemhofer, H.-D. *see* Lang, T. 27712
Wiemhofer, H.D. *see* Dubbe, A. 58869
Wienands, U. *see* Heifets, S. 49221
Wiencek, D. Selecting the proper Category 5 modular data jack 53729
Wiener, M.C. *see* Stowell, M.H.B. 18159
Wiener, P., Muley, S. Smart skin array technology, a robust fiberoptic approach 59904
Wiener, S.M., Yufeng Liang, Cunhong Jiang A system for high speed image sequence acquisition 35160
Wienhold, F.G. *see* Roths, J. 28626
Wiens, G. *see* Jiang, B.C. 59007
Wiens, R.H. *see* Doushkina, V.V. 8461
Wier, J. *see* Hericks, J. 18987
Wierckx, R.P. *see* Kuffel, R. 19053
Wierer, J.J., Maranowski, S.A., Holonyak, N., Jr., Evans, P.W., Chen, E.I. Double injection and negative resistance in stripe-geometry oxide-aperture $Al_yGa_{1-y}As$-GaAs-$In_xGa_{1-x}As$ quantum well heterostructure laser diodes 14092
Wierer, J.J. *see* Evans, P.W. 44454
Wieringen, N.van *see* van Wieringen, N.
Wierman, K.W. *see* Kirby, R.D. 55046
Wiersch, A. *see* Lindner, A. 40358
Wiersma, D.A. *see* Baltuska, A. 23876
Wies, R. *see* Heibronner, S. 16333
Wies, R. *see* Heiler, K. 35655
Wiesbauer, A., Temes, G.C. On-line digital compensation of analog circuit imperfections for cascaded ΣΔ modulators 53364
Wiesbeck, W. *see* Becker, T.C. 4250
Wiesbeck, W. *see* Becker, T.C. 7033
Wiesbeck, W. *see* Becker, T.C. 7038
Wiesbeck, W. *see* Geng, N. 34042
Wiesbeck, W. *see* Rostan, F. 8558
Wiesbeck, W. *see* Rostan, F. 16929
Wiesbeck, W. *see* Rostan, P. 34473
Wiesbeck, W. *see* Von Geng, N. 24488
Wiesbeck, W. *see* Zwick, T. 34085
Wiese, A., Kaltschmitt, M. Global link of renewable energy sources: technical, economical, and environmental aspects of an intercontinental electricity transmission and distribution system 60473
Wiese, B. *see* Santangelo, D. 49970
Wiesel, A. *see* Bizeau, C. 57597
Wieselthier, J.E., Barnhart, C.M., Ephremides, A. Data-delay evaluation in integrated wireless networks based on local product-form solutions for voice occupancy 26510
Wieselthier, J.E., Nguyen, G.D., Barnhart, C.M., Ephremides, A. A problem of constrained optimization for bandwidth allocation in high-speed and wireless communication networks 35459
Wiesemann, J. *see* Steimel, A. 9673
Wiesendanger, R. *see* Born, A. 22663
Wiesendanger, R. *see* Meier, K. 11951
Wiesendanger, R. *see* Winzer, M. 42854
Wiesendanger, R. *see* Witt, C. 40405
Wiesenfarth, H. *see* Li, S.T. 47609
Wiesenfeld, J.M. Wavelength conversion for all-optical networks 36082
Wiesenfeld, J.M. *see* Perino, J.S. 36088
Wieser, A. *see* Coninckx, F. 28477
Wieser, J., Murnick, D.E., Ulrich, A., Huggins, H.A., Liddle, A., Brown, W.L. Vacuum ultraviolet rare gas excimer light source 51827
Wieser, N. *see* Braunger, D. 39119
Wieser, R. High dynamic torque calculator for inverter-fed induction machines 60753
Wieser, R.S., Lechner, A. Four-quadrant drive as fast operating and precise dynamometric brake 29695
Wieser, R.S. *see* Schroedl, M. 29698
Wieser, T. *see* Skaberna, S. 54233
Wiesinger, J. *see* Hasse, P. 50621
Wiesmann, A. *see* Strozzi, T. 60074
Wiesmann, D., Brener, I., Pfeiffer, L., Khan, M.A., Sun, C.J. Gain spectra and stimulated emission in epitaxial (In,Al)GaN thin films 14096
Wiesmann, D. *see* Hellman, E.S. 21251
Wiesmann, H.J. *see* Fukumoto, Y. 3272
Wiesmann, H.J. *see* Fukumoto, Y. 13483
Wiesmann, R., Kalveram, S., Rudolph, S., Johnck, M., Neyer, A. Singlemode polymer waveguides for optical backplanes 13681
Wiesner, H. *see* Contreras, M.A. 39067
Wiesner, H. *see* Tuttle, J.R. 39065
Wiess, H. Control system of the static system-tie frequency converter Muldenstein including operation results 51790
Wiest, T., Nowitsky, T.E., Grippando, S.A. Lessons learned from operating C/A-code COTS GPS receivers on low-Earth orbiting satellites for navigation 16997
Wiet, S.P., Vonesh, M.J., Waligora, M.J., Kane, B.J., McPherson, D.D. The effect of vascular curvature on three-dimensional reconstruction of intravascular ultrasound images 28150
Wietfeldt, R.D., Baer, D., Cannon, W.H., Feil, G., Jakovina, R., Leone, P., Newby, P.S., Tan, H. The S2 very long baseline interferometry tape recorder 17009
Wigderowitz, C.A., Abel, E.W., Rowley, D.I., Arora, N. The use of a radiological phantom to identify the frequencies related to cancellous structure in the distal radius 28256
Wiget, R., Peczs, B., Burte, E.P. Silicon direct bonding (SDB)–a substrate material for electronic devices 42349
Wiget, R., Tzvetkova, M., Burte, E.P. Fast power diodes fabricated on silicon to silicon direct bonded (SDB) material 42929
Wight, D.R. *see* Heaton, J.M. 23573
Wight, D.R. *see* Heaton, J.M. 44033
Wight, D.R. *see* Kalingamudali, S.R.D. 42922
Wight, D.R. *see* Plimmer, S.A. 2584
Wight, J.S. *see* Guetre, E.R. 11730
Wight, J.S. *see* McPherson, W.P. 47566
Wight, S.A. *see* Taylor, M.E. 12131
Wightman, B. *see* Gittleman, M.M. 48846
Wigley, N.M. *see* Jullien, G.A. 31321
Wigmans, R. *see* Akchurin, N. 37257
Wigmore, J.K. *see* Yong Sun 40599
Wigney, D. *see* Ching, T. 49789
Wigren, T., Handel, P. Harmonic signal modeling using adaptive nonlinear function estimation 25136
Wigren, T., Sviestins, E., Egnell, H. Operational multi-sensor tracking for air defense 28718
Wigren, T. *see* Halvarsson, S. 25028
Wigstrom, L., Sjoqvist, L., Wranne, B. Temporally resolved 3D phase-contrast imaging 18283
Wiil, U.K., Leggett, J.J. Hyperform: a hypermedia system development environment 47182
Williams, C.W. *see* Rogers, J.G. 28162
Wijayantha, K.G.U. *see* Tennakone, K. 12370
Wijayantha, K.G.U. *see* Tennakone, K. 44243
Wijenayake, A.H. *see* Schmidt, P.B. 29681
Wijers, M. *see* van der Putten, N. 59746
Wijewarnasuriya, P.S., Yoo, S.S., Faurie, J.P., Sivananthan, S. P-type doping with arsenic in (211)B HgCdTe grown by MBE 2305
Wijn, H.W.de *see* de Wijn, H.W.
Wijnaendts-van-Resandt, R. *see* Schomburg, C. 43281
Wijnands, F., Pendry, J.B., Garcia-Vidal, F.J., Bell, P.M., Roberts, P.J., Moreno, L.M. Green's functions for Maxwell's equations: application to spontaneous emission 56063
Wijnands, F., Rasmussen, T., Hoekstra, H.J.W.M., Povlsen, J.H., de Ridder, R.M. Efficient semivectorial mode solvers 33098
Wijngaard, J.H. *see* Johler, W. 11831
Wijngaard, W. An adaptive filter for low frequency encoder applications [oval-gear flowmeter] 4831
Wijngaarden, A.J.van *see* van Wijngaarden, A.J.
Wijnhoven, P. *see* Van den Brink, M. 2541
Wijshoff, H.A.G. *see* Gallivan, K.A. 10486
Wikiel, H. *see* Hazebrouck, D. 830
Wikiel, H. *see* Hazebrouck, D. 30856
Wikiel, K. *see* Hazebrouck, D. 830
Wikiel, K. *see* Hazebrouck, D. 30856
Wikinger, C. *see* Osterholt, A. 9421
Wiklicky, H. *see* Eng-Siong Chng 25191
Wiklund, U. Analysis of heart rate variability in patients with severe autonomic dysfunction 49599
Wikston, J. *see* Kadar, L. 39425
Wikswo, J.P., Jr. *see* Abbas, R.A. 59580
Wikswo, J.P., Jr. *see* Jenks, W.G. 43818
Wikswo, J.P., Jr. *see* Shien-Fong Lin 37681
Wilamowski, B. *see* Koller, R.D. 9850
Wilamowski, B.M., Vieira, K. Clustering of patterns using radial base function networks 15703
Wilamowski, B.M. *see* Ota, Y. 1663
Wilamowski, Z. *see* Skierbiszewski, C. 12252
Wilarnowski, B.M. *see* Ota, Y. 53506
Wilbanks, T.M. *see* Holzapfel, W.I. 58516
Wilbanks, W.L. *see* Ruby, D.S. 39023
Wilberg, J., Ploger, P., Composano, R., Langevin, M., Vierhaus, H.-T. Codesign of hardware, software, and algorithms–a case study 15503
Wilbur, J., McDonald, R.J. Resonant pole identification from the acoustic backscatter of small submerged multi-specular elastic targets 27094
Wilbur, J. *see* Hasan, M.A. 4698
Wilbur, J. *see* Whidden, T.K. 54388
Wilbur, J.L., Kumar, A., Biebuyck, H.A., Kim, E., Whitesides, G.M. Microcontact printing of self-assembled monolayers: applications in microfabrication 54540
Wilburn, C.D. *see* Eick, W. 28034
Wilburn, C.D. *see* Eick, W. 59238
Wilby, V. *see* Monton, V. 35550
Wilcock, P. Video servers–an enabling technology? 36310
Wilcox, D.J., Leonard, D.J., Condon, M. Time-domain modelling of frequency-dependent parameters in power transformers 19817
Wilcox, D.J. *see* Condon, M. 19831
Wilcox, J.Z. *see* Tang, T.K. 59882

Wilcox, M., Dale, B.G., Boaden, R.J., McQuater, R.E. Managing for quality: the strategic issues 342
Wilcox, M.J., Thelen, D.C., Jr. Fiber optics that fly 25526
Wilcox, T. *see* Remsen, A. 50127
Wilczak, J.M., Gossard, E.E., Neff, W.D., Eberhard, W.L. Ground-based remote sensing of the atmospheric boundary layer: 25 years of progress 18850
Wilczek, J. *see* Stainforth, D. 50853
Wild, A. Planning of maintenance or improvements for redundant systems 52105
Wild, A. *see* Yeap, G. 43204
Wild, C. *see* Bartels, H. 55780
Wild, C. *see* Maly, K. 39623
Wild, C.P. Examination of standards and test procedures for laser beam characterization of CO_2 industrial lasers 55781
Wild, K. *see* Wassermann, E.M. 28088
Wild, M. *see* Carlson, W. 31546
Wild, M. *see* Herrmann, C. 575
Wild, N.C. *see* Felber, F.S. 60134
Wild, P.R. *see* Jackson, W.-A. 45562
Wild, U. *see* Krylov, V. 24118
Wild, U. *see* Krylov, V. 33651
Wild, U.P. *see* Graf, F.R. 33681
Wild, U.P. *see* Kalachev, A.A. 14288
Wild, U.P. *see* Krylov, V. 14355
Wild, U.P. *see* Ollikainen, O. 17833
Wild, U.P. *see* Zuikov, V. 4009
Wilde, E., Freiburghaus, P., Koller, D., Plattner, B. A group and session management system for distributed multimedia applications 16421
Wilde, J.N. *see* Granito, C. 27744
Wilde, P.De *see* De Wilde, P.
Wilde, W.P.De *see* De Wilde, W.P.
Wildeman, J. *see* Brouwer, H.J. 23702
Wildeman, J. *see* Veenstra, S.C. 23682
Wildenhain, F. *see* Schill, A. 5944
Wilder, K., Quate, C.F., Singh, B., Alvis, R., Arnold, W.H. Atomic force microscopy for cross section inspection and metrology 22980
Wilder, M. *see* DeWitt, J. 59243
Wilder, M. *see* Dubbs, T. 37393
Wilder, M. *see* Sadrozinski, H.F.W. 37399
Wilder, M. *see* Unno, Y. 37395
Wilder, R. *see* Apisdorf, J. 16181
Wilder, R. *see* Jamison, J. 26131
Wilderman, S.J., Rogers, W.L., Knoll, G.F., Engdahl, J.C. Monte Carlo calculation of point-spread functions of Compton scatter cameras 59503
Wilderman, S.J. *see* Uritani, A. 59365
Wildermuth, E. *see* Seel, M. 58738
Wilders, R., Verheijck, E.E., Kumar, R., Golod, D., Van Ginneken, A.C.G., Goolsby, W.N., Joyner, R.W., Jongsma, H.J. Electrical interactions between cardiac cells studied with "model clamp" 49721
Wildman, P. *see* Ellis, A. 26209
Wiles, A. *see* Ekman, A. 46767
Wiles, J., Bower, W. Codes, standards, and PV power systems. A 1996 status report 50828
Wiles, J. *see* Palomino, E. 50848
Wilfong, G. Minimizing wavelengths in an all-optical ring network 57884
Wilhelm, F.K., Zaikin, A.D., Golubov, A.A. Coherent charge transport in superconducting/normal proximity structures 43804
Wilhelm, M., Eberth, J., Pascovici, G., Radermacher, E., Thomas, H.G., von Brentano, P., Prade, H., Lieder, R.M. The response of the Euroball Cluster detector to γ-radiation up to 10 MeV 37536
Wilhelm, M. *see* Apfelbeck, J. 35520
Wilhelm, M. *see* Hemmati, H. 6790
Wilhelm, M. *see* Radermacher, E. 37540
Wilhelm, M. *see* Scheer, R. 51566
Wilhelm, M.J. *see* Hockanson, D.M. 1771
Wilhelm, M.R. *see* Stahlkopf, K.E. 50451
Wilhelm, U. *see* Knorr, C. 22332
Wilhelmi, B. Laser action in highly unstable mesoscopic resonators 3712
Wilhelmi, Z. *see* Popkiewicz, M. 49345
Wilhelms, P. *see* Oberheide, J. 59344
Wilhelmsson, L., Zigangirov, K.S. On uncoordinated transmission over the T-user q-ary noiseless multiple-access channel 35466
Wilhite, D.W. Do SQC techniques really work? A printed circuit board manufacturing case study 20986
Wilhite, H., Nakagami, H., Masuda, T., Yamaga, Y., Haneda, H. A cross cultural analysis of household energy use behaviour in Japan and Norway 9728
Wilhjelm, J.E., Pedersen, P.C. Comparisons between PW Doppler system and enhanced FM Doppler system 28196
Wilhjelm, J.E., Pedersen, P.C. Analytical and experimental comparisons between the frequency-modulated-frequency-shift measurement and the pulsed-wave-time-shift measurement Doppler systems 37678
Wilhjelm, J.E., Rosendal, K., Gronholdt, M.-L.M., Jespersen, S.K., Hansen, L.K., Sillesen, H. Digital image analysis of ultrasound B-mode images of carotid atherosclerotic plaque: correlation with histological examination 37751
Wilhjelm, J.E. *see* Jespersen, S.K. 28693
Wilhoyte, M.E., Ogunfunmi, T. A decision-directed Bayesian equalizer 5706
Wilikens, M. *see* Masera, M. 30110
Wilk, G.D., Wei, Y., Edwards, H., Wallace, R.M. In situ Si flux cleaning technique for producing atomically flat Si(100) surfaces at low temperature 54434
Wilk, G.D. *see* Brar, B. 2265
Wilke, G.D. *see* Page, R.H. 44524
Wilke, J. *see* Magrin-Chagnolleau, I. 15133
Wilke, M. *see* Albersmann, J. 8827
Wilken, L. Procedure to calibrate a network-analyzer for the measurement of voltages at any impedance 27379
Wilkening, E.-D., Lindmayer, M., Reininghaus, U. A test method for 50 Hz interruption capability of contact materials for vacuum interrupters 29485
Wilkens, B. *see* Brehmer, D.E. 12875
Wilkes, J.E. *see* Yu, C.C. 47438
Wilkes, J.E. *see* Yu, C.C. 47439
Wilkes, M.V. Arithmetic on the EDSAC 21548
Wilkie, B. *see* Churcher, S. 11271
Wilkie, B.A. *see* Wang, Y.S. 15759
Wilkie, D., Drwinga, R., Eichman, E., Kunnari, N., Negley, B., Richardson, D. A design of experiment analysis of serial EEPROM endurance 31260
Wilkins, C. *see* Sahoo, P. 25559
Wilkins, E. *see* Atanasov, P. 7459
Wilkins, E. *see* Atanasov, P. 36725
Wilkins, E. *see* Ghindilis, A.L. 27701
Wilkins, G.D. Eye-safe free-space laser communications 8632
Wilkins, J.W. *see* Jonsson, L. 42134
Wilkins, S.W. *see* Nukulin, A.Yu. 41826
Wilkinson, A.J., Pullo, S.H., O'Hara, M. Modelling heat dissipation in dc-dc converters 51111
Wilkinson, A.J. *see* Langley, P. 45274
Wilkinson, C. *see* Thoms, M. 37453
Wilkinson, C.A. *see* Macek, R.J. 7686
Wilkinson, C.D.W. *see* Casey, B.G. 40690
Wilkinson, C.D.W. *see* Hicks, S.E. 42494
Wilkinson, C.D.W. *see* Khamsehpour, B. 3098
Wilkinson, C.D.W. *see* Krauss, T.F. 44001
Wilkinson, C.D.W. *see* Murad, S. 22566
Wilkinson, C.D.W. *see* Murad, S.K. 22880
Wilkinson, C.D.W. *see* Rahman, M. 42535
Wilkinson, C.I. *see* Chen, Y.H. 23972
Wilkinson, C.I. *see* Chen, Y.H. 44602
Wilkinson, D. *see* Wollack, E.J. 48199
Wilkinson, D.H. The Geiger discharge revisited. Pt. II. Propagation 31675
Wilkinson, D.H. The Geiger discharge revisited. Pt. III. Convergence 31676
Wilkinson, D.T. *see* Staggs, S.T. 27124
Wilkinson, G.G. *see* Bernard, A.C. 57073
Wilkinson, G.G. *see* Di Carlo, W. 57075
Wilkinson, G.P. Integrated wide bandwidth ultrasonic signal acquisition instrument 36446
Wilkinson, J. *see* Kouvatsos, D. 35405
Wilkinson, J. *see* Kouvatsos, D.D. 5824
Wilkinson, J.S. *see* Amin, J. 24150
Wilkinson, J.S. *see* Camy, P. 26837
Wilkinson, J.S. *see* Gnewuch, H. 44023
Wilkinson, J.S. *see* Hickey, L.M.B. 13636
Wilkinson, L.C. *see* Neilson, D.T. 44083
Wilkinson, M.C. *see* Fritz, M.E. 49890
Wilkinson, P.B., Fromhold, T.M., Eaves, L., Sheard, F.W., Miura, N., Takamasu, T. Distribution of 'scarred' eigenfunctions in a quantum well with chaotic classical dynamics probed by resonant tunnelling 12477
Wilkinson, P.B. *see* Eaves, L. 42158
Wilkinson, R. *see* Wallace, A.R. 19602
Wilkinson, R.H. *see* Horn, A. 9681
Wilkinson, S.B. *see* Pope, T.W. 28151
Wilkinson, S.T. *see* Vendier, O. 36171
Wilkinson, T.D., Mears, R.J. Compact optical correlator using silicon backplane FLC SLMS for fingerprint recognition 33152
Wilkinson, T.D. *see* Crossland, W.A. 36173
Wilkinson, T.D. *see* Mears, R.J. 3658
Wilkinson, V.A., Kelly, M.J., Billen, K. Manufacturability of future devices: tame tunnelling before mastering mesoscopics 54322
Wilkinson, V.A., Kelly, M.J., Carr, M. Tunnel devices are not yet manufacturable 42923
Wilkinson, V.A., Kelly, M.J., Kidd, P. Growth, characterization and manufacturability of microwave tunnel diodes 12876
Wilkinson, W.A., Cox, M.D. Discrete wavelet analysis of power system transients 19043
Wilkosz, M. *see* Czarnecki, P. 35654
Wilks, R.W. *see* Young, N.D. 17545
Wilksch, P.A. *see* O'Sullivan, R.A. 4015
Wilkus, S.A. *see* Evans, J.G. 47543
Will, A. *see* Handels, H. 37933
Will, A.D. *see* Davanipour, Z. 49808
Will, D.S. *see* Cruz-Rivera, J.L. 57916
Will, F.G. Impact of lithium abundance and cost on electric vehicle battery applications 29825
Will, I., Nickles, P., Schnuerer, M., Kalashnikov, M., Sandner, W. Compact FROG system useful for measurement of multiterawatt laser pulses 7642
Will, I. *see* Kalashnikov, M.P. 14055
Will, I. *see* Nickles, P.V. 44369
Will, J., Hosser, D. Insulation sheath formation for cable coatings 19362
Willaeys, D. *see* Guerra, T.M. 432
Willamowski, U., Gross, T., Ristau, D., Welling, H. Calorimetric measurement of optical absorption and transmissivity with sub ppm sensitivity 7637
Willamowski, U., Gross, T., Ristau, D., Welling, H. Calorimetric measurement of optical absorption at 532 nm and 1064 nm according to ISO/FDIS 11551 59066
Willamowski, U. *see* Ristau, D. 59067
Willander, M. *see* Fu, Y. 2636
Willander, M. *see* Nur, O. 42930
Willander, M. *see* Nur, O. 54265
Willander, M. *see* Ryzhii, V. 2592
Willander, M. *see* Ryzhii, V. 55660
Willander, M. *see* Wahab, Q. 12879
Willander, M. *see* Wahab, Q. 32081
Willander, M. *see* Wang, Y.B. 12605
Willcox, J.S., Yanwu Zhang, Bellingham, J.G., Marshall, J. AUV survey design applied to oceanic deep convection 50146
Wille, R. *see* Demmel, F. 7015
Wille, V., Irons, S.M., King, A.J. Capacity increase in cellular radio networks using existing base station sites 35962
Willebeek-LeMair, M. *see* Patel, B. 6418
Willebrand, H., Sauer, J. Adaptive robust optical fiber receiver/transmitter 6807
Willebrand, H.A. *see* El-Bawab, T.S. 5842
Willeke, F. Summary of the Working Group on beam-beam effects 17947
Willeke, F. *see* Bartel, W. 37084
Willeke, G. *see* Fath, P. 39217
Willemenot, E. *see* Touboul, P. 7591
Willemin, J.-F. *see* Zimmermann, E. 49540
Willems, C. *see* Soede, M. 18548
Willems, F.M.J. Coding for a binary independent piecewise-identically-distributed source 24722
Willems, F.W. Analytic approximation of amplified signal double Rayleigh scattering in pumped erbium doped fibres 23797
Willems, F.W. *see* Camy, P. 26837
Willems, F.W. *see* van der Plaats, J.C. 17074
Willems, H.X. *see* Balkenende, A.R. 58938
Willems, J.-L. *see* Cristaldi, L. 28754
Willems, J.L. Mathematical foundations of the instantaneous power concepts: a geometrical approach 28753
Willems, L. *see* Pauws, S. 4606
Willems, M., Zivojnovic, V., Ritz, S. Hierarchization of a priori defined dataflow subgraphs 25217
Willems, W. *see* Faldum, A. 24723
Willems, W. *see* Faldum, A. 56294
Willemsen, A.W.-J. *see* Verbruggen, A.H. 42763
Willemsen, B.A. *see* Jacobs, T. 1689
Willemsen, H., Nicholson, D. GaAs ICs in commercial OC-192 equipment 36178
Willen, B., Haga, D. InP-HBTs with good high frequency performance at low collector currents using silicon nitride planarisation 53587
Willen, D. *see* Cave, J. 38377
Willen, E. *see* Palmer, R.B. 17924
Willen, E. *see* Palmer, R.B. 17966
Willenbacher, N. *see* Laun, H.M. 27979
Willenberg, G.D., Weyand, K. Set-up for 3-dimensional positioning of magnetometer sensors 17297
Willer, J. *see* Bertagnolli, E. 2796
Willett, D. *see* Strand, T. 39111
Willett, P. *see* Chunming Han 25097
Willett, P. *see* Chunming Han 34890
Willett, P. *see* Fazlollahi, A.H. 57138
Willett, P. *see* Lynch, R. 25195
Willett, P. *see* Rago, C. 34827
Willett, P. *see* Swaszek, P.F. 34626
Willetts, D.V. *see* Galletti, E. 48127
Willetts, K., Adams, E. Managing broadband: a chance to get it right 26039
Willetts, K.J., Adams, E.K. Managing a broadband environment: "you can't buck the market" 26020
Willetts, K.J., Adams, E.K. A clean slate [broadband networks] 46868
Williams, A. *see* Barringer, H. 31062
Williams, A. *see* Darwish, A. 24183
Williams, A. *see* Darwish, A.M. 24272
Williams, A.J. *see* Ahmed, F.M. 3120
Williams, A.J. *see* Hatch, G.P. 3125
Williams, A.J., III Current measurement technology development progress in the '90s–a review 50178
Williams, A.J., III, Morrison, A.T., III Shallow-water messenger-line recovery system 50197
Williams, A.J., III *see* Morrison, A.T., III 38087
Williams, A.J., III *see* Shaw, W.J. 38100
Williams, A.J., III *see* Thwaites, F.T. 50193
Williams, A.J.C. *see* Brown, A.D. 40786
Williams, A.W., Probert, R.L. A practical strategy for testing pair-wise coverage of network interfaces 6192
Williams, B. *see* Ruiping Wang 52148
Williams, B.B. *see* Hoffmann, K.R. 37652
Williams, B.C. *see* Zervas, T. 39449
Williams, B.L. *see* Holander-Gleixner, S. 42414
Williams, B.L. *see* Robinson, H.G. 2307
Williams, B.P. *see* Adams, G.F. 18660
Williams, B.W., He, X., Finney, S.J., Qian, Z. Snubbers for gate turn-off thyristor inverters 51359
Williams, B.W. *see* Fletcher, J.E. 51703
Williams, B.W. *see* Green, T.C. 51140
Williams, B.W. *see* Green, T.C. 51356
Williams, B.W. *see* Holliday, D. 51002
Williams, B.W. *see* Karshenas, A.M. 45791
Williams, B.W. *see* Rahim, N.A. 19845
Williams, B.W. *see* Reay, D.S. 38707
Williams, B.W. *see* Sheng, K. 12925
Williams, B.W. *see* Wade, S. 51005

Williams, B.W. *see* Wade, S. 51009
Williams, B.W. *see* Wade, S. 60782
Williams, B.W. *see* Xiangning He 29404
Williams, C. *see* Alton, G.D. 49286
Williams, C. *see* Lindgren, M. 32916
Williams, C. *see* Yates, R. 27548
Williams, C.A. *see* Jacobs-Perkins, D. 58844
Williams, C.A. *see* Lindgren, M. 55122
Williams, C.J. *see* Corbin, E. 2113
Williams, C.J. *see* Murray, W. 8614
Williams, C.K. *see* Kim, H.S. 32394
Williams, D., Adams, D., Bishop, R., Knoll, M., Murray, J., McClintock, R. Radiation hardened 64 K/256 K EEPROM technology 1369
Williams, D. *see* DeGenova, J. 10220
Williams, D. *see* Fraas, L. 38991
Williams, D. *see* Mahn, J. 29279
Williams, D. *see* Sadrozinski, H.F.W. 37399
Williams, D. *see* Shen-en Qian 15973
Williams, D.A. *see* Abe, K. 37234
Williams, D.B. *see* Drake, D.F. 15187
Williams, D.B. *see* Goldstein, J.S. 16847
Williams, D.B. *see* Kogon, S.M. 4890
Williams, D.B. *see* Kogon, S.M. 16899
Williams, D.B. *see* Lee, C. 45595
Williams, D.B. *see* Schodorf, J.B. 5816
Williams, D.B. *see* Schodorf, J.B. 25002
Williams, D.B. *see* Schodorf, J.B. 25888
Williams, D.B. *see* Seliktar, Y. 19008
Williams, D.C. *see* Chatterjee, I. 20460
Williams, D.C. *see* DeWitt, J. 59243
Williams, D.C. *see* Legendre, B.L., Jr. 7924
Williams, D.C. *see* Serenyi, R. 61049
Williams, D.F. Multiconductor transmission line characterization 56076
Williams, D.F., Schappacher, J.B. Line-reflect-match calibrations with nonideal microstrip standards 17164
Williams, D.F. *see* Walker, D.K. 48855
Williams, D.J., VanSlyke, S.A., Tang, C.W. Recent progress in organic electroluminescent devices 3614
Williams, D.J. *see* Conway, P.P. 22069
Williams, D.J. *see* Conway, P.P. 31607
Williams, D.J. *see* Esin, S.K. 37133
Williams, D.J. *see* Mannan, S.H. 12017
Williams, D.J. *see* Mannan, S.H. 41702
Williams, D.j.. *see* Ogunjimi, A.O. 41701
Williams, D.J. *see* Teo Kiat Choon 22027
Williams, D.J. *see* Tilley, K.J. 20827
Williams, D.L. *see* Campbell, R.J. 16823
Williams, D.L. *see* Holtmann, Ch. 23814
Williams, D.L. *see* Irons, J.R. 8388
Williams, D.L. *see* Walthall, C.L. 8325
Williams, D.R. *see* Makino, A. 7603
Williams, E., Caulfield, J. System architecture for a long range over the water target acquisition and tracking system 50262
Williams, E. *see* Gillespie, A. 27362
Williams, E. *see* Huff, H.R. 48883
Williams, E. *see* Steiner, R. 17814
Williams, E.K., Ila, D., Sarkisov, S., Venkateswarlu, P., Poker, D.B. Loss measurements of stoichiometric Ti and O implanted $LiNbO_3$ waveguides 13667
Williams, E.R. *see* Fujii, K. 27950
Williams, E.R. *see* Zimmerman, N.M. 27315
Williams, E.W. *see* Brown, J.R. 48719
Williams, F. *see* Yap, D. 58356
Williams, G.B. *see* O'Connor, R.F. 29846
Williams, G.M., Putnam, M.A., Friebele, E.J. Space radiation effects on erbium doped fibers 47914
Williams, G.M. *see* Tribe, W.R. 41901
Williams, G.M. *see* Tsung-Ein Tsai 43964
Williams, G.O. Iris recognition technology 56903
Williams, G.O. *see* Gunatunga, S.R. 21325
Williams, G.R. *see* Ahn, K.H. 26720
Williams, H.C. *see* Bach, E. 10297
Williams, H.E., III *see* Ingalls, W.B. 49175
Williams, H.E., III *see* Paul, J.D. 51838
Williams, H.H. *see* Arai, Y. 37267
Williams, H.H. *see* Arai, Y. 37268
Williams, J. Calibration of data from the Antarctic Mapping Mission 8324
Williams, J., Wolff, L. Analysis of the pulmonary vascular tree using differential geometry based vector fields 49552
Williams, J. *see* Aden, T.C. 38182
Williams, J. *see* Jones, R.E., Jr. 32797
Williams, J. *see* Kalayjian, Z. 36707
Williams, J. *see* Pryor, C. 18946
Williams, J. *see* Thomas, P.J. 35813
Williams, J.A.R. *see* Liu, X. 44777
Williams, J.A.R. *see* Sugden, K. 55191
Williams, J.B. *see* Bergeld, T.J. 59334
Williams, J.B. *see* Bergfeld, T.J. 59333
Williams, J.D. *see* McGahan, W.A. 32986
Williams, J.E.C. *see* Miller, J.R. 32944
Williams, J.F. *see* Furst, J.E. 3473
Williams, J.F. *see* Hayes, P.A. 41773
Williams, J.G., Pohl, E.A. Missile reliability analysis with censored data 59860
Williams, J.G. *see* Ten, S. 22372
Williams, J.H., Martin, A.Q. Analysis of electrically large 2D objects via spatial decomposition and reduced current fidelity 33961
Williams, J.M., Griffiths, A.J., Knight, I.P. Combined heat and power: sizing plant for new hospitals 50760
Williams, J.M. *see* White, D.R. 27828
Williams, J.O. *see* Gnoth, D.N. 40346
Williams, J.O. *see* Ng, T.L. 30740
Williams, J.O. *see* Poole, I.B. 40475
Williams, J.O. *see* von der Emde, M. 796
Williams, J.R. Scatter dose estimation based on dose-area product and the specification of radiation barriers 18564
Williams, J.R. *see* Percival, R.M. 26817
Williams, J.S., Short, K.T., White, A.E. Temperature dependent segregation of metals at Si-SiO_2 interfaces during oxygen ion bombardment 42319
Williams, J.S. *see* Tan, H.H. 12513
Williams, J.S. *see* Tan, H.H. 12675
Williams, K. *see* Taverner, D. 55535
Williams, K.A., White, I.H., Penty, R.V., Laughton, F.R. Gain-switched dynamics of tapered waveguide bow-tie lasers: experiment and theory 23978
Williams, K.A., White, L.H., Laughton, F.R., Jiang, Z., Penty, R.V. Gain-switched dynamics of tapered waveguide bow-tie lasers 23987
Williams, K.A. *see* Khrushchev, I.Y. 44439
Williams, K.A. *see* Stephens, M.F.C. 58340
Williams, K.L. *see* Jackson, D.R. 18761
Williams, K.R., Muller, R.S. Etch rates for micromachining processing 12796
Williams, L. The trend toward Pd/Ni contacts in high density interconnects 31561
Williams, L., Emery, L. Near Term Digital Radio–a first look 60152
Williams, L. *see* Benda, V. 49014
Williams, L.J. *see* Schulman, R. 60151
Williams, L.R. *see* Ingersoll, D.T. 8118
Williams, L.R. *see* Lebrun, P. 49079
Williams, M. Spatial data acquisition from motion video 17106
Williams, M.C. *see* Archer, D.H. 20021
Williams, M.C.S. *see* Cerron Zeballos, E. 37278
Williams, M.D. *see* Lee, Y. 22717
Williams, M.D. *see* Lee, Y. 49297
Williams, M.D. *see* Lee, Y. 49306
Williams, M.D. *see* Lee, Y. 49309
Williams, M.E. *see* Moon, K.W. 10999
Williams, M.K., Potter, C., Harbison, S.A. Regulation and inspection support radiation protection in nuclear and other installations 18571
Williams, P. Number portability and interconnect 57758
Williams, P. *see* Pyzer, S. 35568
Williams, P. *see* Roedel, R.J. 20577
Williams, P.A. *see* Rochford, K.B. 59064
Williams, P.J. *see* Gardiner, C.K. 26721
Williams, P.M. *see* Dansky, A.H. 41222
Williams, P.M. *see* Daugherty, M.A. 32952
Williams, P.S. *see* Simos, T.E. 40228
Williams, P.S. *see* Simos, T.E. 52563
Williams, Q.L., Garcia-Ojalvo, J., Roy, R. Fast intracavity polarization dynamics of an erbium-doped fiber ring laser: inclusion of stochastic effects 44383
Williams, R. Time sequenced adaptive filtering using a modified P-vector algorithm 28306
Williams, R., Underwood, I., Vass, D.G., Walker, A.C., Neilson, D.T., Dines, J.A.B., Pottier, F. A S-SEED on CMOS input/output memory array for optical sorting 33180
Williams, R. *see* Hoff, J. 48522
Williams, R. *see* Jakobs, K. 16211
Williams, R.D. *see* Knospe, C.R. 32884
Williams, R.H. *see* Mao-long Ke 54245
Williams, R.H. *see* Rose, K.C. 746
Williams, R.K. *see* Sales, B.C. 2078
Williams, R.L. Experimental studies on the dynamics of an electron beam crossing a laser beam focus 7754
Williams, R.L. *see* Dion, M. 55620
Williams, R.L. *see* Labrie, D. 12431
Williams, R.O. *see* Van Way, R.L. 49766
Williams, R.S. *see* Feiler, D. 30791
Williams, R.S. *see* Kamins, T.I. 30876
Williams, R.S. *see* Morgan, B.A. 22435
Williams, S., Kuntz, R. Test program for high performance burn-in sockets 39741
Williams, S., Rohlfing, E.A., Rahn, L.A., Zare, R.N. Two-color resonant four-wave mixing: analytical expressions for signal intensity 33644
Williams, S.C., Hulfachor, R.B., Kim, K.W., Littlejohn, M.A. Channel engineering in n-MOSFETs: scaling trends for hot electron injection and device degradation 2687
Williams, S.F., Tustaniwskyj, J.I. Stress analysis of a C4 land grid array package 30275
Williams, S.H. *see* Abe, K. 37234
Williams, T. *see* Epstein, J. 24660
Williams, T.H. Plant architectures for diagnosing and maintaining bidirectional HFC networks 17078
Williams, T.W. Design for testability: today and in the future 53094
Williams, T.W., Dennard, R.H., Kapur, R., Mercer, M.R., Maly, M. Iddq test: sensitivity analysis of scaling 32550
Williams, T.W. *see* Wang, L. 40975
Williams, T.W. *see* Wang, L.-C. 7173
Williams, W., O'Malley, K. A lightweight composite shielding material for electromagnetic gun launchers 33909
Williams, W.E. DLT technology overview: a survey of general technology and design features 23372
Williams, W.H. *see* Widmayer, C.C. 23873
Williams, W.J., Zalubas, E.J., Hero, A., III. Separating desired image and signal invariant components from extraneous variations 25268
Williams, W.J. *see* Creech-Eakman, M.J. 27648
Williams, W.J. *see* McCormack, C.J. 24894
Williams, W.J. *see* Madhavan, P.G. 24889
Williams, W.J. *see* O'Neill, J.C. 24946
Williams, W.J. *see* O'Neill, J.C. 45777
Williams, W.J. *see* O'Neill, J.C. 57230
Williams, W.J. *see* Tzu-Hsien Sang 34923
Williams, W.L. *see* Pope, T.W. 28151
Williamson, A. *see* Spooner, E. 29283
Williamson, A.C. *see* Green, A.M. 20236
Williamson, A.C. *see* Green, A.M. 51860
Williamson, A.G. *see* Butterworth, K.S. 45121
Williamson, A.G. *see* Neve, M.J. 58209
Williamson, A.G. *see* Rodda, M.J. 34066
Williamson, A.J. *see* Misra, S.S. 51461
Williamson, C. *see* Harrison, T. 57670
Williamson, C.L. Dynamic bandwidth allocation using loss-load curves 25867
Williamson, C.L. Optimizing file transfer response time using loss-load curves: a simulation study 47145
Williamson, C.L. *see* Arlitt, M.F. 47152
Williamson, C.L. *see* Arlitt, M.F. 47153
Williamson, C.L. *see* Breker, L.P. 57820
Williamson, C.L. *see* Chikarmane, V. 46785
Williamson, C.L. *see* Ying Chen 47151
Williamson, D., McClay, J., Andresen, K., Gallatin, G., Himel, M., Ivaldi, J., Mason, C., McCullough, A., Otis, C., Shamaly, J., Tomczyk, C. Micrascan III, 0.25 μm resolution step and scan system 2544
Williamson, D.L. *see* Milants, K. 42370
Williamson, G.A., Dasgupta, S., Minyue Fu Multistage multirate adaptive filters 11591
Williamson, G.A. *see* Zimmermann, S. 15397
Williamson, J.G. *see* Rahman, M. 42535
Williamson, M.D.T., Storch, R.L. The collaborative engineering process within the framework of the virtual enterprise 39714
Williamson, R.C. *see* Blackmore, K.L. 52442
Williamson, R.C. *see* Kennedy, R.A. 15240
Williamson, R.L., Schlienger, M.E. Monochromatic imaging studies of sustained metal vapor arcs burning on 150 mm diameter molten iron electrodes 29874
Williamson, R.M. Multi-skill maintenance models for today and tomorrow 20777
Williamson, S. The induction motor–a state-of-the-ark technology? 29307
Williamson, S., Gersh, D. Representation of rotor spiders and axial ventilation ducts in reduced finite-element models for cage rotors 9231
Williamson, S., Healey, R.C., Lloyd, J.D. Rotor cage anomalies and unbalanced magnetic pull in single-phase induction motors. I. Analysis 29327
Williamson, S., Healey, R.C., Tevaarwerk, J.L. Rotor cage anomalies and unbalanced magnetic pull in single-phase induction motors. II. Experimental and theoretical studies 29336
Williamson, S., Smith, A. Pulsed coilgun limits 24422
Williamson, S. *see* Baholo, B. 9239
Williamson, S. *see* Healey, R.C. 9585
Williamson, S.J. *see* Gencer, N.G. 59567
Williamson, S.T., Singh, A.D., Nelson, V.P. Fault and yield modeling of MCMs for automotive applications 9693
Williamson, W., III, Enquist, S.B., Chow, D.H., Dunlap, H.L., Subramaniam, S., Peiming Lei, Bernstein, G.H., Gilbert, B.K. 12 GHz clocked operation of ultralow power interband resonant tunneling diode pipelined logic gates 21637
Williamson, W., III *see* Lei, P.-M. 21581
Willing, B., Maan, J.C. Non-linear transport and structure formation in semi-insulating GaAs 2048
Willing, F. *see* Carlson, D.E. 39124
Willing, F. *see* Chen, L. 39150
Willingale, R. *see* Owens, A. 18148
Willinger, W., Taqqu, M.S., Sherman, R., Wilson, D.V. Self-similarity through high-variability: statistical analysis of Ethernet LAN traffic at the source level 35747
Willink, T.J., Wittke, P.H. Optimization and performance evaluation of multicarrier transmission 35443
Willis, A.G., Higgs, L.A. Correcting some DRAO Synthesis Telescope wide-field imaging problems 27118
Willis, A.J. *see* Ren, Q.S. 45854
Willis, B., Porter, J., Hunter, P. Surface mount assembly yield improvement and PCB solderability testing 53806
Willis, J. *see* Gupta, R. 40760
Willis, J.M. SeaSoar towed vehicles in rapid coastal surveys 50125
Willis, J.O. *see* Albert, G.W. 43848
Willis, M., Jr., Orgusaar, R., Min, K. Ultra-wideband radar technology development 8663
Willis, M.R. *see* Hooper, P.D. 12602
Willis, M.R. *see* Hooper, P.D. 54131
Willis, N.P., Bresler, Y. Lattice-theoretic analysis of time-sequential sampling of spatiotemporal signals. I 25084
Willis, N.P., Bresler, Y. Lattice-theoretic analysis of time-sequential sampling of spatiotemporal signals. II. Large space-bandwidth product asymptotics 25085

Willis, P., Boucher, C. GPS, GNSS and geodesic references; problems or progress for topographers 36287
Willis, W. *see* Palmer, R.B. 17966
Williscroft, L.-A., Poole, A.W.V. Neural networks, f_0F2, sunspot number and magnetic activity 45126
Willke, T.L., Feinerman, A.D. Deep-etch silicon millimeter waveguide structure for electron acceleration 53517
Williams, J.A.R. *see* Molony, A. 13576
Willmann, A. *see* Gerber, R. 41807
Willmann, P. *see* Naji, A. 29543
Willmann, P. *see* Naji, A. 29566
Willmann, P. *see* Ribes, A.T. 9521
Willmer, M. *see* Krawczynski, H. 37287
Willmott, C. *see* Adam, A. 37280
Willmott, P. *see* Larciprete, R. 800
Willner, A.E. System issues for WDM components 6806
Willner, A.E. Reconfigurable WDM networks: systems and enabling technologies research 36112
Willner, A.E. Mining the optical bandwidth for a terabit per second 48013
Willner, A.E. *see* Huang, S.H. 33168
Willner, A.E. *see* Hwang, S.-M. 26807
Willner, A.E. *see* Jin-Xing Cai 58380
Willner, A.E. *see* Leight, J.E. 44144
Willner, A.E. *see* Norte, D. 36152
Willner, A.E. *see* Park, E. 36114
Willner, A.E. *see* Shieh, W. 26726
Willner, A.E. *see* Shieh, W. 36149
Willocq, S. *see* Abe, K. 37234
Willoughby, J. Synthesis support for design partitioning 53226
Willows, M., Lefley, P. Control of a portable integrated renewable energy system 19177
Wills, D.S. Smart pixel architectures for image processing 33344
Wills, D.S., Baker, J.M., Jr, Cat, H.H., Chai, S.M., Codrescu, L., Cruz-Rivera, J., Eble, J.C., Gentile, A., Hopper, M.A., Lacy, W.S., Lopez-Lagunas, A., May, P., Smith, S., Taha, T. Processing architectures for smart pixel systems 3657
Wills, D.S. *see* Cat, H.H. 55355
Wills, D.S. *see* Eble, J.C. 13112
Wills, D.S. *see* Garg, V. 22107
Wills, L.A. *see* Foster, C.M. 40313
Wills, R. Redefining test and measurement by enhancing connectivity 36372
Wills, R.H., Hall, F.E., Strong, S.J., Wohlgemuth, J.H. The AC photovoltaic module 39162
Wills, S. *see* Cross, J. 36175
Wills, S. *see* Cruz-Rivera, J.L. 1459
Wills, S. *see* Vendier, O. 36171
Willsch, R. *see* Ecke, W. 27627
Willsch, R. *see* Ecke, W. 38038
Willsky, A.S. *see* Bhatia, M. 35300
Willsky, A.S. *see* Daniel, M.M. 28650
Willsky, A.S. *see* Fieguth, P.W. 60080
Willsky, A.S. *see* Fosgate, C.H. 27065
Willsky, A.S. *see* Frakt, A.B. 57314
Willsky, A.S. *see* Ho, T.T. 28661
Willsky, A.S. *see* Learned, R.E. 16067
Willsky, A.S. *see* Learned, R.E. 26568
Willsky, A.S. *see* Learned, R.E. 46660
Willsky, A.S. *see* Logan, C.L. 26964
Willsky, A.S. *see* Miller, E.L. 46246
Willson, A.N., Jr. *see* Chang, P.S. 15193
Willson, A.N., Jr. *see* Chao-Liang Chen 1584
Willson, A.N., Jr. *see* Chen, M.C. 25388
Willson, A.N., Jr. *see* Kang, I. 6652
Willson, A.N., Jr. *see* Kei-Yong Khoo 21549
Willson, A.N., Jr *see* Kwentus, A. 31378
Willson, A.N., Jr. *see* Kwentus, A.Y. 31380
Willson, A.N., Jr. *see* Orchard, H.J. 41288
Willson, A.N., Jr. *see* Pi Sheng Chang 25143
Willson, A.N., Jr. *see* Xiaojun Li 1600
Willson, A.N., Jr. *see* Zhongnong Jiang 31376
Willson, B.D. *see* Mehmood Khan, M. 20260
Willson, W.G. *see* Timpe, R.C. 60472
Willstedt, A.-K. *see* Rensmo, H. 12606
Willumsen, F. *see* Markey, B.G. 8195
Wilman, A.H., Riederer, S.J. Improved centric phase encoding orders for three-dimensional magnetization-prepared MR angiography 7954
Wilmsen, C. *see* Beyette, F.R., Jr. 23711
Wilmsen, C. *see* Buccafusca, O. 23995
Wilmsen, C.W. *see* Hayes, E.M. 33345
Wilmsen, C.W. *see* Irakliotis, L.J. 44141
Wilmsen, C.W. *see* Jurrat, R. 33113
Wilmsen, C.W. *see* Lurkins, J.W. 33171
Wilmsen, C.W. *see* Stanko, P.J. 33181
Wilmut, M.J. *see* Ozard, J.M. 18758
Wilpon, J.G., Jacobsen, C.N. A study of speech recognition for children and the elderly 14933
Wilpon, J.G. *see* Gorin, A.L. 46969
Wilpon, J.G. *see* Jacobsen, C.N. 15035
Wilquet, G. *see* Annis, P. 59237
Wilshaw, A.R., Pearsall, N.M., Hill, R. Installation and operation of the first city centre PV monitoring station in the United Kingdom 60599
Wilshaw, A.R. *see* Pearsall, N.M. 38656
Wilsky, A.S. *see* Schneider, M.K. 25416
Wilson, A. *see* Jones, G.R. 5189
Wilson, A. *see* Pahlavanpour, B. 31553
Wilson, A.M. *see* Xing Weibing 61039
Wilson, A.R. *see* Kindermann, M.R. 52877
Wilson, B., Drew, J.D. Transimpedance formulation exhibits gain-bandwidth independence at microwave frequencies 47900
Wilson, B. *see* Kaluarachchi, E.D. 26773
Wilson, B. *see* Norikane, L. 8321
Wilson, B. *see* Taratorin, A. 32842
Wilson, B. *see* Wu, Y.-F. 32074
Wilson, B.C. *see* Qun Chen 28411
Wilson, B.C. *see* Vitkin, I.A. 49760
Wilson, C. *see* Linsay, P.S. 1178
Wilson, C.D. CSIRO R&D in telecommunications product development 46840
Wilson, C.D., Bakker, K.J. Testing an identification algorithm for extragalactic OB associations using a Galactic sample 15582
Wilson, C.L., Blue, J.L., Omidvar, O.M. Improving neural network performance for character and fingerprint classification by altering network dynamics 57519
Wilson, C.S. *see* Morris, T.G. 21827
Wilson, C.W. *see* Thompson, D.C. 13745
Wilson, D. Market options for reactive power 19199
Wilson, D. SENTINEL: a program for on-line maintenance configuration control 38516
Wilson, D. Microcontroller handles motor control applications effortlessly 38757
Wilson, D. Generic technologies for micro-engineering (optical components) 43381
Wilson, D., Ghanbari, M. Optimisation of enhancement layer DCT coefficients in MPEG-2 SNR scalable video 4937
Wilson, D., Ghanbari, M. Efficient transmission of MPEG-2 coded variable bit rate-video over ATM networks 35061
Wilson, D., Greig, A., Gilby, J., Smith, R. Intelligent automated inspection, representing the uncertainty of the real world 346
Wilson, D., Greig, A., Gilby, J., Smith, R. Using uncertainty techniques to aid defect classification in an automated visual inspection system 46199
Wilson, D., Ohlbach, L., Fulcher, J. Interfacing a weather station data logger to a laboratory microcomputer 28628
Wilson, D. *see* Chiang, A. 38485
Wilson, D. *see* Jefferies, W. 18788
Wilson, D.E. *see* Raja, L.L. 33862
Wilson, D.G., Woogeun Rhee, Bang-Sup Song Integrated RF receiver front ends and frequency synthesizers for wireless 26578
Wilson, D.H., Whittington, H.W. Safety in the former Soviet nuclear power industry 9003
Wilson, D.H., Whittington, H.W. Electricity supply in the transition economies of Bulgaria and Romania 19260
Wilson, D.J. *see* Alper, B. 37569
Wilson, D.J. *see* Elliott, C.T. 7320
Wilson, D.J. *see* Hay, A.S. 7871
Wilson, D.J.H., Irwin, G.W., Lightbody, G. Fault detection in an overheads condenser using multivariate SPC 30343
Wilson, D.K. Polarization control aids fiber component testing 33049
Wilson, D.L., Jabri, K.N., Xue, P., Aufrichtig, R. Perceived noise versus display noise in temporally filtered image sequences 25650
Wilson, D.V. *see* Willinger, W. 35747
Wilson, D.W. *see* Zhigang Chen 55864
Wilson, E.R. *see* Ridens, M.G. 30181
Wilson, G. Electronically-tunable polysilicon-MOS resistors 54272
Wilson, G.A. *see* Morris Hotsenpiller, P.A. 10775
Wilson, G.C., Wood, T.H., Zyskind, J.L., Sulhoff, J.W., Johnson, J.E., Tanbun-Ek, T., Morton, P.A. Integrated electroabsorption modulator/DFB laser analog transmitter with distortion correction to fifth order 13688
Wilson, G.S. *see* Lin, Y.-C. 23063
Wilson, H. *see* Arndt, S. 20902
Wilson, I. CLIC test beam facilities–status and results 49037
Wilson, I. *see* Dehler, M. 49057
Wilson, I.H. *see* Jia, L. 12708
Wilson, I.H. *see* Qicai Peng 12210
Wilson, J. *see* Howard, J. 34460
Wilson, J., Jr *see* Arenius, D. 37000
Wilson, J.A. *see* Beringer, J. 37394
Wilson, J.A. *see* Garvey, P.R. 52144
Wilson, J.A. *see* Miles, R.H. 48649
Wilson, J.A. *see* Miles, R.H. 48670
Wilson, J.D. *see* Chronis, W.C. 37001
Wilson, J.H., Veenhuis, R.S. Shallow water beamforming with small aperture, horizontal, towed arrays 36269
Wilson, J.H. *see* Null, J.M. 18763
Wilson, J.H. *see* Scanlon, G.A. 18898
Wilson, J.I.B. *see* Burnside, B.M. 19567
Wilson, J.I.B. *see* Roberts, P.G. 10921
Wilson, J.J.W. Maximum likelihood phase unwrapping [SAR] 16878
Wilson, J.J.W. Design and performance aspects in relation to a future high resolution spaceborne SAR instrument 16943
Wilson, J.J.W. *see* Bottger, H. 8406
Wilson, J.M. Institution-wide reform of undergraduate education in science, mathematics, engineering and technology 20545
Wilson, J.N., Radford, D.C. The use of genetic algorithms in a general search for rotational structures in gamma-ray coincidence data 37581
Wilson, J.W., Cucinotta, F.A., Shinn, J.L., Simonsen, L.C., Badavi, F.F. Overview of HZETRN and BRNTRN space radiation shielding codes 49855
Wilson, K. *see* Hemmati, H. 6790
Wilson, K. *see* Newell, R.D. 20227
Wilson, K. *see* Olukotun, K. 1436
Wilson, K.E., Lesh, J.R., Araki, K., Arimoto, Y. Preliminary results of the Ground/Orbiter Lasercomm Demonstration experiment between Table Mountain and the ETS-VI satellite 6788
Wilson, K.G. Canada's new regulatory framework: convergence, competition and the information highway 5912
Wilson, K.R., Yakovlev, V.V. Ultrafast rainbow: tunable ultrashort pulses from a solid-state kilohertz system 44677
Wilson, K.R. *see* Bardeen, C.J. 33664
Wilson, K.R. *see* Barty, C.P. 14075
Wilson, K.R. *see* Barty, C.P.J. 3802
Wilson, K.R. *see* Barty, C.P.J. 7933
Wilson, K.R. *see* Barty, C.P.J. 13910
Wilson, K.T., Kleiner, M.H. Testing strategies for KGD 53884
Wilson, L., Neale, M. Characterization of arterial plaque using intravascular ultrasound: in vitro and in vivo results 37723
Wilson, L. *see* Telfer, D. 8353
Wilson, L.R., Mowbray, D.J., Skolnick, M.S., Peggs, D.W., Rees, G.J., David, J.P.R., Grey, R., Hill, G., Pate, M.A. Electrical and optical bistability in [111] GaInAs-GaAs piezo-electric quantum wells 42110
Wilson, L.S., Brown, M.S., Doust, B.D., Gill, R.W., Brown, S.F., Nair, D. Computer-aided diagnosis using anatomical models [chest X-rays] 49450
Wilson, L.W., Hepher, M.J., Reilly, D., Jones, J.D.C. Development of a personal dust monitor with a piezoelectric quartz crystal sensor 38113
Wilson, M. *see* Horwitz, J.S. 40623
Wilson, M. *see* Wennekers, P. 32451
Wilson, M.D. *see* Hawick, K.A. 58249
Wilson, M.G.F. *see* Watson, C.D. 23574
Wilson, M.R., Krier, A., Mao, Y. Phase equilibria in InAsSbP quaternary alloys grown by liquid phase epitaxy 10737
Wilson, M.R. *see* Klingbeil, L.S. 42520
Wilson, N. *see* Holdstock, P. 28483
Wilson, P.B. Advanced RF power sources for linacs 49068
Wilson, P.B. *see* Ruth, R.D. 49165
Wilson, P.B. *see* Wang, J.W. 49051
Wilson, P.H. *see* Khanna, S.M. 27587
Wilson, P.H. *see* Liu, H.C. 17370
Wilson, R. Multiresolution image modelling 57165
Wilson, R., Hulseweh, T., Krolikowski, W. Development of a wafer level technique for monitoring and control of deposition temperature in high-vacuum physical vapor deposition technology 40614
Wilson, R. *see* Apiwatwaja, R. 32130
Wilson, R. *see* Arai, Y. 37267
Wilson, R. *see* Arai, Y. 37268
Wilson, R. *see* Bertin, F. 60055
Wilson, R. *see* Kagan, H. 37508
Wilson, R. *see* Kozanecki, A. 12168
Wilson, R.A. *see* Porkolab, G.A. 44247
Wilson, R.C., Cross, A.D.J., Hancock, E.R. Sensitivity analysis for structural matching 5052
Wilson, R.C., Hancock, E.R. Hierarchical discrete relaxation 15884
Wilson, R.C. *see* Finch, A.M. 5392
Wilson, R.C. *see* Finch, A.M. 25563
Wilson, R.E., Sterlina, P.S. Verification of measured transmission system phase angles 8985
Wilson, R.E. *see* Hahn, K.H. 47336
Wilson, R.G. *see* Abernathy, C.R. 12672
Wilson, R.G. *see* Lee, J.W. 23942
Wilson, R.G. *see* Pearton, S.J. 22262
Wilson, R.G. *see* Polyakov, A.Y. 2015
Wilson, R.G. *see* Polyakov, A.Y. 30753
Wilson, R.G. *see* Polyakov, A.Y. 52721
Wilson, R.G. *see* Popovici, G. 51571
Wilson, R.G. *see* Ren, F. 22793
Wilson, R.G. *see* Ren, F. 22876
Wilson, R.G. *see* Ren, F. 54457
Wilson, R.G. *see* Wu, X. 54088
Wilson, R.G. *see* Zavada, J.M. 33578
Wilson, R.G. *see* Zolper, J.C. 12674
Wilson, R.J. *see* Abe, K. 37234
Wilson, R.J. *see* Miao, J. 12284
Wilson, R.L. *see* Rapport, I.D. 38145
Wilson, S. *see* Hemment, P.L.F. *(editor)* 29948
Wilson, S.A., Farag, A.A. Image compression using neural networks 14820
Wilson, S.G. *see* Blackert, W.J. 4471
Wilson, S.G. *see* Matolak, D.W. 16010
Wilson, S.G. *see* Xiaoqun Wu 34629
Wilson, S.P. *see* Woods, S.J. 23675
Wilson, S.R. *see* Chen, C. 42625
Wilson, S.R. *see* Racanelli, M. 43263
Wilson, S.R. *see* Shin, H.C. 42989
Wilson, S.R. *see* Wetteroth, T. 22911
Wilson, S.W., Armstrong, R.W., Dagenais, M., Beard, W.T., Wood, C.E.C. {766} oriented V-groove surfaces on Br_2-CH_3OH etched (100) GaAs wafers 54428
Wilson, T. *see* Juskaitis, R. 58858
Wilson, T. *see* McKee, R. 17495
Wilson, T.C. *see* Grewal, G.W. 11077
Wilson, T.C. *see* Grewal, G.W. 53320
Wilson, T.C. *see* Grewal, G.W. 54755
Wilson, T.C., Jr., Barth, J.A., Pierce, S.D., Kosro, P.M., Waldorf, B.W. A Lagrangian drifter with

inexpensive wide area differential GPS positioning 50133
Wilson, W.B. *see* Beard, C.A. 7757
Wilson, W.B. *see* Lee, S.K. 7713
Wilson, W.C. *see* Hodson, R.F. 1421
Wilson, W.E. *see* Reeder, P.L. 59097
Wilson, W.E. *see* Staveley-Smith, L. 36300
Wilson, W.J., Yueh, S.H. JPL Wind Radiometer measurements 8424
Wilson, W.J. *see* Mota, W.S. 50458
Wilson, W.J. *see* Patnaik, B.R. 36515
Wilson, W.K. *see* Bellwied, R. 59284
Wilson, W.K. *see* Pandey, S.U. 37293
Wilson, W.L. *see* Dietz, K.H. 1814
Wilson, W.L. *see* Erdelyi, M. 2504
Wilson, W.L. *see* Sengupta, C. 2513
Wilson, Z. *see* Ruth, R.D. 49165
Wilt, D.M., Fatemi, N.S., Jenkins, P.P., Hoffman, R.W., Jr., Landis, G.A., Jain, R.K. Monolithically interconnected InGaAs TPV module development 38975
Wilt, D.M. *see* Fatemi, N.S. 20093
Wilt, D.M. *see* Fatemi, N.S. 39227
Wilt, D.M. *see* Hoffman, R.W., Jr. 37977
Wilton, D.R. *see* Graglia, R.D. 44857
Wilton, D.T., Middleton, B.K. Spectral response nulls for single-pole heads in perpendicular recording 13461
Wilton, D.T. *see* Shute, H.A. 3209
Wilton, D.T. *see* Shute, H.A. 32857
Wiltzius, D., Berc, L., Devadhar, S. BAGNet: experiences with an ATM metropolitan-area network 6200
Wimer, J.G. *see* Archer, D.H. 20021
Wimmer, H.K. Spectral factorizations with unmixed pole and zero sets 39972
Wimmer, Z. *see* Garcia-Salicetti, S. 15559
Wimmer, Z. *see* Garcia-Salicetti, S. 25755
Wimmer, Z. *see* Garcia-Salicetti, S. 57121
Wimshurst, M.J.V. Sources of distortion–prediction, measurement and compatibility standards for variable speed drive harmonic distortion levels 61195
Win, A.de *see* de Win, A.
Win, E.De *see* De Win, E.
Win-Li Lin *see* Hsiu-Wen Chen 7902
Win-Li Lin *see* Yung-Yaw Chen 49769
Winan Chen *see* Liyuan Li 57198
Winbow, G.A. *see* Dickens, T.A. 38036
Winchester, C.S. *see* Banner, J.A. 19973
Wind, O. *see* Woggon, U. 32032
Windart, L. *see* Ravon, J.M. 29433
Windbracke, W. *see* Lochel, B. 13172
Winde, M. *see* Eick, W. 28034
Winde, M. *see* Eick, W. 59238
Windeatt, T. *see* Griffin, A. 5664
Windeatt, T. *see* Hilton, A. 25672
Windeatt, T. *see* Hilton, A. 57253
Windecker, S. *see* Bayly, P.V. 59733
Windecker, S. *see* Chattipakorn, N. 59732
Windham, J.P. *see* Ghanei, A. 59507
Windham, J.P. *see* Peck, D.J. 8029
Windham, J.P. *see* Soltanian-Zadeh, H. 18267
Windham, J.P. *see* Soltanian-Zadeh, H. 59506
Windisch, A. *see* Michie, C. 17454
Windisch, H., Muller, W., Ahammer, H., Schaffer, P., Dapra, D., Hartbauer, M. Optical potential mapping helps to reveal discrete-natural-phenomena in cardiac muscle 28364
Windisch, H. *see* Platzer, D. 59582
Windischbauer, G. Teaching via Internet by forcing the collaborative learning paradigm 37583
Windle, J.R. *see* Hoppner, J.M. 49443
Windle, J.R. *see* Hrabik, T.J. 49692
Windle, J.R. *see* Throne, R.D. 59688
Windmar, D., Dowling, K., Eriksson, T., Gedde, U.W., Hillborg, H. Leakage current analysis and infrared spectroscopy of outdoor insulating materials aged in a salt-fog test 32733
Windred, P. EAST and other applications for future European telecommunications 47847
Windscheif, J. *see* Hurm, V. 44318
Windt, D. *see* Harriott, L.R. 22700
Windt, D. *see* Harriott, L.R. 42874
Wineland, D.J., Bergquist, J.C., Berkeland, D., Bollinger, J.J., Cruz, F.C., Itano, W.M., Jelenkovic, B.M., King, B.E., Meekhof, D.M., Miller, J.D., Monroe, C., Rauner, M., Tan, J.N. Application of laser-cooled ions to frequency standards and metrology 48291
Wineland, D.J. *see* Miller, J.D. 27326
Wineland, D.J. *see* Tan, J.N. 48324
Winell, J. *see* Steinvall, O. 8499
Winesett, J. *see* Liu, W.K. 30752
Winester, D. *see* Faller, J.E. 17188
Winfree, A.T., Knisley, S.B. On measuring curvature and electrical diffusion coefficients in anisotropic myocardium: comments on "Effects of bipolar point and line simulation in anisotropic rabbit epicardium: assessment of the critical radius of curvature for longitudinal block" [comments and reply] 7865
Winful, H.G. *see* Krumpholz, M. 45062
Winful, H.G. *see* Yuan-Hwang Liao 3869
Winful, H.G. *see* Yuan-Hwang Liao 23803
Wing, J.M. *see* Kindred, D. 46717
Wing, O. *see* Hong Shi 46635
Wing, O. *see* Jun-Fa Mao 40847
Wing, O. *see* Wai-Shing Luk 11048
Wing Hui *see* Chiu, C. 1449
Wing Kam Liu *see* Shaofan Li 10460
Wing Kam Snm Liu *see* Belytschko, T. 540
Wing Lee *see* Scanlan, L. 48128
Wing Omar *see* Omar Wing
Wing Shing Wong *see* Kam Hung Lam 36015
Wing-Hung Ki, Der, L., Lam, S. Re-examination of pole splitting of a generic single stage amplifier 21502
Wing-Sze Lee *see* Ping-Fu Fung 5405
Wing-Yun Sit *see* Yuk-Wah Pang 41107
Wingar, S. *see* Ivey, D.G. 54256
Wingenroth, J. Satellite-based data telemetry and geolocation Argos enhancements for the coastal ocean 47845
Wingerden, J.Van *see* Van Wingerden, J.
Wingert, P.C. The effects of interrupting elevated currents on the erosion and structure of silver-graphite 11789
Winget, J. *see* Rockwood, A.P. 35116
Wingfield, P.A. Telecommunications media for transport telematics 7004
Wingkee Lee *see* Lee Wingkee
Wingreen, N.S. *see* Yacoby, A. 12385
Wingrove, E.R., III *see* Johnson, S.C. 60006
Wingstrand, S. *see* Oskar van Deventer, M. 26820
Winiarska, A. *see* Drzazga, Z. 3140
Winiarska, A. *see* Slowikowska, H. 43570
Winiarski, Z. *see* Kowal, Z. 39697
Winick, K.A. *see* Vossler, G.L. 33454
Winick, K.A. *see* Vossler, G.L. 33455
Winiecki, W. Methodology for teaching measuring systems 30071
Wink, R. *see* Cribier, M. 59193
Winkel, H. Cost-effective form factor reduction 41622
Winkel, R.C. Development of FMS procedures at Juneau, Alaska 59929
Winkelstein, D. *see* Jou, Y.F. 5714
Winker, D.M. *see* De Coursey, R.J. 8463
Winker, D.M. *see* Woods, D.C. 8465
Winkler, B. *see* Leising, G. 23691
Winkler, E. Microhole technology: small hole generation by plasma etching and laser drilling 11980
Winkler, E. Escape routing from chip scale packages 20937
Winkler, E. *see* Mulgaonker, S. 195
Winkler, F. *see* Sendra, J.R. 39976
Winkler, G. *see* Barranco-Luque, M. 49012
Winkler, H.-J. HMM-based handwritten symbol recognition using on-line and off-line features 25754
Winkler, H.-J. *see* Lehmberg, S. 25753
Winkler, K. *see* Morency, J. 26427
Winkler, K. *see* Schlichting, J. 1854
Winkler, M., Wollnik, H., Pfreundtner, B., Esch, E.I., Spiller, P. High current pulsed lenses for heavy ion fusion applications 59142
Winkler, M. *see* Spiller, P. 59153
Winkler, P. *see* Riisnaes, A. 20187
Winkler, R. *see* House, D. 35648
Winkler, R.L. Uncertainty in probabilistic risk assessment 39676
Winkler, S. *see* Amon, M. 59790
Winkler, S. *see* Schaldach, M. 28439
Winkler, T. *see* Steck, M. 37080
Winkler, T. *see* Stohlker, Th. 7727
Winkler, U. *see* Fischer, M. 38369
Winkler, U. *see* Heske, C. 42424
Winkler, W., Halinka, A., Witek, B. A frequency measurement algorithm for generator-transformer unit adaptive protection 29208
Winkler, W., Koeppen, J. Design and operation of interconnectors for solid oxide fuel cell stacks 20004
Winn, C.B. *see* Barley, C.D. 60229
Winn, D. *see* Akchurin, N. 37257
Winn, D. *see* Palmer, R.B. 7736
Winn, D. *see* Palmer, R.B. 17924
Winn, D. *see* Palmer, R.B. 17966
Winn, D.R. *see* Fernow, R.C. 7737
Winn, D.R. *see* Fernow, R.C. 7739
Winn, D.R. *see* Fernow, R.C. 17931
Winn, R., Olsen, R., Conners, D. Evaluation of copper direct (non-electroless copper) plating systems 1839
Winn, R.C. *see* Shanfelt, D.Y. 29657
Winn, W. Learning virtually 30076
Winnacker, A. *see* Wittmann, G. 41904
Winner, L. Design as a focus for teaching professional ethics 20713
Winnerl, S., Schomburg, E., Grenzer, J., Regl, H.-J., Ignatov, A.A., Renk, K.F., Pavel'ev, D.P., Koschurinov, Yu., Melzer, B., Ustinov, V., Ivanov, S., Schaposchnikov, S., Kop'ev, P.S. Dynamic localization leading to full supression of the dc current in a GaAs/AlAs superlattice 42106
Winnerl, S. *see* Ignatov, A.A. 42231
Winnerl, S.F. *see* Schomburg, E. 53616
Winnie Li Wen-Ching *see* Wen-Ching Winnie Li
Winniford, M.D. *see* Sonka, M. 28218
Winningham, A. *see* Arai, Y. 37267
Winningham, A. *see* Arai, Y. 37268
Winograd, G.I. *see* Schneider, J.E. 22674
Winograd, J.M., Hamid Nawab, S., Oppenheim, A.V. FFT-based incremental refinement of suboptimal detection 25102
Winograd, J.M. *see* Mani, R. 24899
Winograd, J.M. *see* Nawab, S.H. 45806
Winograd, S. *see* Se June Hong 52453
Winokur, P.S. *see* Warren, W.L. 23105
Winquist, F. *see* Davide, F.A.M. 58898
Winquist, F. *see* Holmberg, M. 36784
Winquist, F. *see* Wide, P. 36777
Winslow, A. *see* Tyminski, J.K. 32331
Winslow, E. *see* Spiegel, M.F. 45680
Winslow, R.L. Propagation of electrical activity in the SA node 59569
Winson, P.B., Lardizabal, S.M., Dunleavy, L. A table-based bias and temperature-dependent small-signal and noise equivalent circuit model 21931
Winstanley, S.B. *see* Griffiths, J.M. 35412
Winstead, C.B. *see* Costley, R.D. 20059
Winston, A.E. *see* Cala, F.R. 41668
Winston, P.B. *see* Sidhu, T.S. 50627
Wintenberg, A.L., Simpson, M.L., Young, G.R., Palmer, R.L., Moscone, C.G., Jackson, R.C. A CMOS variable gain amplifier for PHENIX electromagnetic calorimeter and RICH energy measurements 59316
Wintenberg, A.L. *see* Britton, C.L., Jr. 59321
Wintenberg, A.L. *see* Emery, M.S. 59331
Wintenberg, A.L. *see* Ericson, M.N. 59314
Wintenberg, A.L. *see* Jackson, R.G. 59322
Wintenberg, A.L. *see* Simpson, M.L. 28049
Winter, A., Maitre, H., Cambou, N., Legrand, E. Object detection using a multiscale probability model 56773
Winter, B.T. *see* Hammersley, V.L. 61009
Winter, C.S. *see* Titmuss, R. 6342
Winter, C.S. *see* Titmuss, R. 47321
Winter, D. *see* Ritter, R. 7611
Winter, D.C. Modular, reusable flight software for production strike aircraft 49888
Winter, E.M. *see* Hoff, L.E. 5551
Winter, J.E. *see* Taylor, E.W. 44124
Winter, K. *see* Annis, P. 59237
Winter, M. *see* Yang, J. 29563
Winter, P.R., Wallach, E.R. Determination of the service life of electronic components by finite element analysis 20941
Winter, P.R., Wallach, E.R. Microstructural modelling and electronic interconnect reliability 52204
Winter, R. *see* Geistlinger, H. 27718
Winter, W. *see* Houghton, D.C. 42240
Winterbottom, W. Electronic packaging design: a mechanistic approach for harsh environments 39354
Winterer, G., Kloppel, B., Heinz, A., Ziller, M., Schmidt, I.G., Herrmann, W.M. Quantitative EEG (QEEG) predicts relapse in patients with chronic alcoholism. A combined statistical and neural network approach 59700
Winterer, G. *see* Magdolen, J. 59701
Winterfeld, J. *see* Geiger, M. 30784
Winterhalter, O., Langenbeck, P. New sensorless DC-motor with toroid-air-bearing and integrated runout control sensor 60799
Winterling, M.W., Deleroi, W., Tuinman, E., Bosgra, O.H., Huisman, H., v. Overloop, P.J. Modelling and verification of electromechanical interaction in a traction drive 51796
Winters, G.A. *see* Zhu, Z. 46802
Winters, M.D., Mueller, C.H., Bhasin, K.B., Miranda, F.A. Characterization of hybrid ferroelectric/HTS thin films for tunable microwave components 43750
Winters, M.E. *see* Feldmesser, H.S. 1805
Winters, S.J. *see* Chartrand, G. 10314
Winterton, S.S., Tarr, N.G. Bounds on bipolar transistor base transit time 42952
Winther, R. *see* Wen Shen 10517
Wintle, H.J. *see* Scully, B.G. 13282
Wintner, E. *see* Sorokina, I.T. 55581
Winton, M.J., Russel, S.D., Wolk, J.A., Gronsky, R. Processing independent photoluminescence response of chemically etched porous silicon 22546
Winton, N. Management for distributed computing environment-based applications 35698
Winz, K., Fortmann, C.M., Elckhoff, Th., Beneking, C., Rech, B., Kluth, O., Wagner, H. Smooth TCO/glass substrates and diffuse rear reflectors for efficient low cost amorphous silicon-based solar cells 39152
Winzer, M., Kleiber, M., Dix, N., Wiesendanger, R. Fabrication of nano-dot- and nano-ring-arrays by nanosphere lithography 42854
Winzer, S. *see* Bridger, K. 13344
Winzer, S. *see* Bridger, K. 18301
Winzer, S.R., Bridger, K., Caldwell, P.J., Sewell, J. Use of smart materials in medical diagnostics 19030
Wipf, S. *see* Scanlan, R.M. 13516
Wipf, S. *see* Scanlan, R.M. 37053
Wipf, S.G. *see* Flottmann, K. 49125
Wipiejewski, T., Ko, J., Thibeault, B.J., Coldren, L.A. Molecular beam epitaxy regrowth of top reflectors for multiple wavelength vertical cavity laser arrays 23930
Wipiejewski, T., Ko, J., Thibeault, B.J., Young, D.B., Coldren, L.A. 2D vertical-cavity laser arrays for free-space and multimode fiber transmission systems 3841
Wipiejewski, T., Young, D.B., Coldren, L.A., Ebeling, K.J. Thermal impedance measurements in vertical-cavity lasers 55736
Wipiejewski, T. *see* Strzelecka, E.M. 55612
Wipke, K.B. Reducing VMTs through transit-on-demand with GPS and satellite communications 39304

Wippermann, K. *see* Erning, J.W. 20005
Wira, K. *see* Lee, S. 59348
Wirestam, R., Salford, L.G., Thomsen, C., Brockstedt, S., Persson, B.R.R., Stahlberg, F. Quantification of low-velocity motion using a navigator-echo supported MR velocity-mapping technique: application to intracranial dynamics in volunteers and patients with brain tumours 59493
Wirges, W. *see* Bauer-Gogonea, S. 14342
Wirkkala, T., Geymonat, M., Mathan, L. TMN X interface testing for pan-European network management 35609
Wirkus, E. Chosen problems of contemporary cryptography 56291
Wirner, C., Momose, H., Hamaguchi, C. Mobility enhanced 1DEG electron transport in side gated quantum wire structures 12453
Wirnsberger, G.H. *see* Scharfetter, H. 49716
Wirrwar, A., Vosberg, H., Herzog, H., Halling, H., Weber, S., Muller-Gartner, H.-W. 4.5 tesla magnetic field reduces range of high-energy positrons–potential implications for positron emission tomography 59464
Wirth, E. System studies enhance security and availability: a useful service provision for electric power supply 19158
Wirth, J.Von *see* Von Wirth, J.
Wirth, P.E. Telecommunications modeling: the brave new world 46803
Wirth, R. *see* Moritz, A. 55633
Wirth, S. *see* Hinz, D. 3113
Wirth, S.W. Visual in-process inspection 52313
Wirth, W. *see* Schlender, F. 39316
Wirthlin, M.J. *see* Hutchings, B.L. 11316
Wirts, C. *see* Altosaar, M. 39092
Wirzba, A. *see* Alt, H. 3303
Wischmann, H.-A., Drenckhahn, R., Wagner, M., Fuchs, M. Systematic distribution of the auto solid angle and related integrals onto the adjacent triangles for the node based boundary element method 59538
Wischmann, H.-A. *see* Fuchs, M. 56553
Wischmann, H.-A. *see* Katscher, U. 49667
Wischnewski, R. High energy neutrino telescopes 28039
Wischnewski, R. *see* Karle, A. 6828
Wise, F.W. *see* Davidson, A.C. 58752
Wise, F.W. *see* Yanovsky, V.P. 55586
Wise, J.A. *see* Geddes, N.D. 59869
Wise, K.D. Microelectromechanical systems: interfacing electronics to a non-electronic world 43406
Wise, K.D. *see* Majoo, S. 36757
Wise, K.D. *see* Mott, B.J. 6692
Wise, K.D. *see* Yazdi, N. 7315
Wise, R.L. *see* Pas, M.F. 42446
Wise, S.W. *see* Kasales, C.J. 59455
Wisely, D.R. *see* Eardley, P.L. 16806
Wisely, D.R. *see* Eardley, P.L. 16812
Wisely, P.L. A wide angle head up display system for enhanced and synthetic vision applications 18654
Wiseman, A. *see* Pereira, R. 57783
Wiseman, D. *see* VandenBerg, N. 8344
Wiseman, D.L. *see* Sheen, D.R. 19021
Wiseman, M. *see* Heckman, J. 37003
Wishagen, J. *see* Glatfelter, T. 38654
Wishah, K.A. *see* Abdul-Gader, M.M. 42315
Wishart, K. ISP in design and production 31216
Wisk, P.W. *see* Tanbun-Ek, T. 55691
Wisken, H.G. *see* Weise, T.H.G.G. 33866
Wisloff, T.E. Dual satellite path diversity and practical channel management for non-geostationary satellite systems 47872
Wismann, V.R., Boehnke, K. Dramatic decrease in radar cross section over Greenland observed by the ERS-1 scatterometer between 1991 and 1995 18882
Wismann, V.R. *see* Boehnke, K. 8396
Wismayer, A.C. *see* Kalingamudali, S.R.D. 42922
Wisnieff, R.L. AMLCD design 17685
Wisniewski, D. *see* Moszynski, M. 33251
Wisniewski, G. *see* Pietruszko, S.M. 51592
Wisniewski, P. *see* Cockburn, J.W. 31958
Wisniewski, P. *see* Skierbiszewski, C. 12252
Wisniewski, R. *see* Maghenzani, R. 58725
Wisser, C. *see* Kampe, J. 1053
Wissinger, J., Washburn, R., Morgan, D., Chong, C., Friedland, N., Nowicki, A., Fung, R. Search algorithms for model-based SAR ATR 6938
Wit, A.R.De *see* De Wit, A.R.
Wit, G.C.de *see* de Wit, G.C.
Wit, H.J.de *see* de Wit, H.J.
Wit, P.A.S.De *see* De Wit, P.A.S.
Witalis, E.A. *see* Marshall, R.A. 33916
Witana, V. *see* Fry, M. 35821
Witcraft, W. *see* Liu, S.T. 22910
Witczak, P., Gmyrek, Z., Kubiak, T. Transient heat flow analysis in the squirrel-cage rotor of an induction motor 50965
Witczak, S.C., Galloway, K.F., Schrimpf, R.D., Titus, J.L., Brews, J.R., Prevost, G. The determination of Si-SiO_2 interface trap density in irradiated four-terminal VDMOSFETs using charge pumping 22842
Witczak, S.C., Schrimpf, R.D., Galloway, K.F., Fleetwood, D.M., Pease, R.L., Puhl, J.M., Schmidt, D.M., Combs, W.E., Suehle, J.S. Gain degradation of lateral and substrate pnp bipolar junction transistors 22792
Witczak, S.C. *see* Fleetwood, D.M. 22954
Witebsky, C. *see* Torres, S. 36292
Witek, B. *see* Winkler, W. 29208
Witek, R.T. *see* Montanaro, J. 1446
With, P.H.N.de *see* de With, P.H.N.
Witham, C.K., Hightower, A., Bowman, R.C., Jr., Ratnakumar, B.V., Fultz, B. $LaNi_{5-x}M_x$ metal hydride alloys for alkaline rechargeable cells 61036
Witherow, D. "The world's first public DAB service" 7046
Witherow, D. Digital audio broadcasting–on the way 58533
Withers, B. *see* Jairath, R. 2387
Withers, J.C. *see* Heflin, J.R. 4091
Withers, R.S. *see* Wong, W.H. 55135
Withers, W.D. A rapid entropy-coding algorithm 45531
Withford, M.J., Brown, D.J.W., Carman, R.J., Piper, J.A. Investigation of the effects of bromine and hydrogen bromide additives on copper vapour laser performance 23740
Withington, S., Yassin, G., Buffey, M., Norden, C. A horn-reflector antenna for high-performance submillimetre-wave imaging arrays 58520
Withington, S. *see* Murphy, J.A. 56132
Withington, S. *see* Yassin, G. 11664
Withington, S. *see* Yassin, G. 48200
Withnell, P.R. *see* Solomon, S.C. 60062
Withrow, K., Wichert, D., Moran, D. Renewable energy and GIS: three Wisconsin case studies 8991
Withrow, S.P. *see* Caleca, M.A. 42376
Withrow, S.P. *see* Zhu, J.G. 12667
Witke, T. *see* Siemroth, P. 23202
Witkin, A.P. *see* Feineigle, P.A. 28140
Witkowska, B. *see* Story, T. 12313
Witkowski, F.X., Penkoske, P.A., Plonsey, R., Kaplan, D.T., Spano, M.L., Ditto, W.L., Kavanagh, K.M. Development of a nonlinearly deterministic signal generator for real time chaos control testing 59376
Witkowski, K. *see* Liebert, A. 18240
Witkowski, U. *see* Schroeder, D. 42907
Witsulski, A.F. *see* Hsiu, L. 9351
Witt, A. *see* Kurths, J. 25040
Witt, A. *see* Lakshmanan, V. 8477
Witt, A. *see* Wessel, N. 49598
Witt, C., Mick, U., Bode, M., Wiesendanger, R. An ultrahigh vacuum scanning tunneling microscope for in situ studies of thin-film growth 40405
Witt, C. *see* Born, A. 22663
Witt, C.E. *see* Mitchell, R.L. 38652
Witt, H. *see* Rusek, A. 40790
Witt, M. Design for environment: the trek toward lead-free solders 10221
Witt, T.J. Using DC nanovoltmeters for low-frequency spectral analysis of voltage reference standards 27267
Witt, T.J. *see* Reymann, D. 27374
Witt, T.J. *see* Reymann, D. 58609
Witt, W. *see* Eggers, H. 29196
Witta, L. *see* Herpers, R. 5344
Wittchen, T. *see* Osterwald, C.R. 39167
Witte, F.-O., Backes, R., Klumpp, M., Sinnhofer, W., Arendt, S. A digital radio processor for channel demodulation and source decoding of satellite radio programs 17047
Witte, H. *see* Doering, A. 59699
Witte, H. *see* Hoffmann, K. 59697
Witte, H. *see* Moller, U. 15543
Witte, J.D. Using static capacity modeling techniques in semiconductor manufacturing 32495
Witte, J.F. *see* Bishop, M.T. 39446
Witte, J.F. *see* Bishop, M.T. 51902
Wittel, F.P. *see* Dunham, S.T. 41887
Witteman, W.J., Ernst, G.J., Verschuur, J.W.J., van Oerle, B.M., Bisero, D. Free-electron laser with high-brightness photoinjector 55743
Witteman, W.J. *see* Bisero, D. 12067
Witteman, W.J. *see* Bisero, D. 41743
Witteman, W.J. *see* Hofstra, R.M. 14235
Witteman, W.J. *see* Ochkin, V.N. 23752
Witteman, W.J. *see* Tskhai, S.N. 44364
Witten, I.H. *see* Boyd, C. 24668
Witten, I.H. *see* Cleary, J.G. 56343
Wittenbrink, C. *see* Mantey, P.E. 20502
Wittenbrink, C.M., Ananthanarayanan, A., Garcia-Luna-Aceves, J.J., Mantey, P. Monterey BayNet 6201
Wittenbrink, C.M. *see* Fernandez, G. 57465
Wittenburg, J.P. *see* Kneip, J. 1500
Wittenburg, P., van Kuijk, D., Dijkstra, T. Modeling human word recognition with sequences of artificial neurons 15026
Wittenstein, W., Fick, W., Raidt, U. Range performance of two staring imagers: Presentation of the field trial and data analysis 17528
Witter, G., Polevoy, L. Contact erosion and material transfer for contacts in automotive relays 11826
Witterman, W.J. *see* Hofmann, T. 13933
Witteveen, F.J.F.M. *see* Olde Hampsink, B.G.M. 9865
Wittevrongel, S., Bruneel, H. Performance evaluation of leaky bucket traffic shaping of on/off sources 35418
Wittevrongel, S., Bruneel, H. Per-source mean cell delay and mean buffer contents in ATM queues 46581
Wittevrongel, S., Bruneel, H. On the performance evaluation of an ATM switch with bursty traffic and nonindependent routing 46616
Wittevrongel, S. *see* Bruneel, H. 16052
Wittgenstein, F. *see* Adam, A. 37280
Wittig, H. *see* Ehrmantraut, M. 36340
Wittig, K. *see* Plass, W. 24060
Wittig, M. *see* Strick, L. 35625
Wittig, R.D., Chow, P. OneChip: an FPGA processor with reconfigurable logic 21717
Wittke, P.H. *see* Iwanami, Y. 56251
Wittke, P.H. *see* Willink, T.J. 35443
Wittlin, A. *see* Cole, B.E. 42174
Wittmaack, K. Transient phenomena and impurity relocation in SIMS depth profiling using oxygen bombardment: pursuing the physics to interpret the data 31742
Wittman, M. *see* Kavasseri, R. 6134
Wittmann, A., Magedanz, T., Eckardt, T. Management service design: From TMN interface specifications to ODP computational objects 5970
Wittmann, G., Winnacker, A. Response to "Comment on 'Purely optical measurement of the resistivity distribution of semi-insulating InP:Fe by means of the photorefractive effect' " [Appl. Phys. Lett. 70, 1055 (1997)] 41904
Wittmann, G. *see* Bernal, M.-P. 14427
Wittmann, H., Bajons, P., Doneus, M., Friesinger, H. Identification of roof areas suited for solar energy conversion systems 51572
Wittmann, H.F. *see* Friend, R.H. 23669
Wittmann, H.F. *see* Friend, R.H. 44224
Wittmann, R. *see* Kottmann, D.A. 47584
Wittmer, B. *see* Braunschweig, W. 7808
Wittorff, V. *see* Budrikis, Z. 26172
Wittstock, J. *see* Zyborski, J. 60872
Wittum, G. Shifted iterations 52552
Wittwer, S., Pollnau, M., Spring, R., Luthy, W., Weber, H.P., McFarlane, R.A., Harder, C., Meier, H.P. Performance of a diode-pumped $BaY_2F_8:Er^{3+}$(7.5 at.%) laser at 2.8 μm 3766
Witty, M. *see* Sullivan, C. 9692
Witulski, A.F. *see* Lin, Y.L. 39378
Witvrouw, A., Flinn, P., Maex, K. The effect of the passivation material on the stress and stress relaxation behaviour of narrow Al-Si-Cu lines 42790
Witvrouw, A. *see* Proost, J. 42729
Witwer, B. Developing the 777 airplane information management system (AIMS): a view from program start to one year of service 59862
Witwit, M.R.M. Quantum theory of a double-well potential: energy levels for symmetric and nonsymmetric double-well potentials in a three-dimensional system 10478
Witzman, S., Moss, J.S., Stacey, B.J. New approach to telecommunication equipment field reliability estimation 35558
Witzschel, T. *see* Anderson, S. 35955
Wixforth, A. *see* Rotter, M. 55339
Wixforth, A. *see* Tilke, A. 54173
Wixson, L. Illumination assessment for vision-based traffic monitoring 5592
Wlodarczyk, Z. Polish Telecom program research and development inquiries 16152
Wlodarski, W. *see* Hong-Tao Sun 27483
Wlodarski, Z. Simplified form of hysteresis loop 43603
Wlodek, R. *see* Florkowska, B. 43461
Wlodek, R. *see* Florkowska, B. 50596
Wlurooka, K. *see* Sunouchi, K. 41169
Wnek, M. *see* d'Alessandro, A. 7507
Wnek, M. *see* Maltese, P. 48766
Wnek, M. *see* Maltese, P. 48772
Wnek, M. *see* Matuszczyk, M. 48767
Wnuk, A. 1995: nuclear power in the German power industry 28997
Wnuk, M. Vision system calibration 5224
Wo Yei *see* Seidel, D.J. 27335
Woch, M. *see* Gawior, W. 3082
Wochnik-Dyjas, D., Glazowski, C., Niewiadomska, M. The F-wave in the vastas lateralis M. and the segmental motor conduction times for L2/L4 motoneurons 28311
Wodehouse, L. The Intranet–the quiet (r)evolution 47166
Wodnicki, P. *see* Periasamy, A. 7925
Woeginger, G. *see* Jansen, K. 52498
Woeginger, G.J. *see* Deineko, V.G. 458
Woehlecke, M., Corradi, G., Betzler, K. Optical methods to characterise the composition and homogeneity of lithium niobate single crystals 4045
Woehrer, F.J., Himmelstoss, F.A. Combined feedforward and feedback control of the field in a DC motor drive 51654
Woelder, W. *see* Ferrari, F. 6006
Woelder, W. *see* Sandini, G. 26072
Woelders, K. *see* Lintz Christensen, E. 8311
Woelders, K. *see* Madsen, S.N. 27017
Woelders, K. *see* Skriver, H. 27057
Woerd, A.C.van der *see* van der Woerd, A.C.
Woerdman, J.P., van Doorn, A.K.J., van Exter, M.P. Symmetry breaking in vertical-cavity semiconductor lasers 55755
Woerdman, J.P. *see* Jansen van Doorn, A.K. 14114
Woerdman, J.P. *see* Jansen van Doorn, A.K. 14171
Woerdman, J.P. *see* Schrama, C.A. 3929
Woerdman, J.P. *see* Van Doorn, A.K.J. 44477
Woerdman, J.P. *see* van Eijkelenborg, M.A. 14214

Woerkom, P.T.L.M.van *see* van Woerkom, P.T.L.M.
Woerkom, T.C.A.M.van *see* van Woerkom, T.C.A.M.
Woerle, D. *see* Lahnor, P. 48508
Woerlee, P.H. *see* de Graaf, C. 41160
Woerlee, P.H. *see* Van Kranenburg, H. 42636
Woerner, A., Westphaeling, R., Kalt, H., Koehler, K. Optically pumped, indirect-gap $Al_xGa_{1-x}As$ lasers 33504
Woerner, B.D. *see* Rappaport, T.S. 7002
Woerner, B.D. *see* Tranter, W.H. 20523
Woerner, M. *see* Ashworth, S.H. 33665
Woersem, R.J.Van *see* Van Woersem, R.J.
Woerz, T. *see* Hoeher, P. 47841
Woetting, G., Lindner, H.A., Gugel, E. Silicon nitride valves for automotive engines 39291
Woffinden, G.A. *see* Tosaka, Y. 2804
Woffinden, G.A. *see* Tosaka, Y. 31269
Woffinden, G.A. *see* Tosaka, Y. 59209
Woger, W. *see* Lira, I.H. 58598
Woggon, U., Giessen, H., Gindele, F., Wind, O., Fluegel, B., Peyghambarian, N. Ultrafast energy relaxation in quantum dots 32032
Woggon, U., Petri, W., Dinger, A., Petillon, S., Hetterich, M., Grun, M., O'Donnell, K.P., Kalt, H., Klingshirn, C. Electronic states and optical gain in strained CdS/ZnS quantum structures 32037
Woggoner, R. The how, what, and where of power conditioning. V 51094
Wohaska, C.L. *see* Nash, R.J. 33226
Wohl, P., Waicukauski, J. Test generation for ultra-large circuits using ATPG constraints and test-pattern templates 41212
Wohlecke, M. *see* Volk, T. 44735
Wohletz, B. *see* Allen, C. 18871
Wohlfahrt, H. *see* Martinen, D. 55772
Wohlfart, B., Sornmo, L., Berg, J., Pahlm, O. Beat-to-beat QRS variability of 12-lead ECG in patients with scintigraphic signs of infarction and ischemia 49625
Wohlford, B. *see* Carbone, P. 47114
Wohlgemuth, J. *see* de Valk, J.P.J.M.M. 60039
Wohlgemuth, J. *see* Koval, T. 39213
Wohlgemuth, J. *see* Narayanan, S. 39015
Wohlgemuth, J.H., Koval, T., Creager, J., Tomlinson, T., Ellis, J., Artigliere, F., Narayanan, S., Posbic, J., Shea, S., Roy, M., Cliber, J., Conway, M., Vanecek, D., Chen, B., Fernandez, R. Progress in Solarex crystalline silicon PVMaT program 39157
Wohlgemuth, J.H. *see* Wills, R.H. 39162
Wohlmuth, B. *see* Hoppe, R.H.W. 40251
Wohlmuth, H.D. *see* Trost, H.P. 53648
Wohlmuth, R., Plettemeier, D., Edenhofer, P., Bird, M.K., Patzold, M., Asmar, S.W. Measurement of the propagation speed of plasma inhomogeneities in the solar corona using an uplink/downlink cross-correlation method 56051
Wohlmuth, W., Arafa, M., Fay, P., Seo, J.-W., Adesida, I. Impulse response of metal-semiconductor-metal photodetectors using a conformal mapping technique and extracted circuit parameters 48540
Wohlmuth, W. *see* Sengupta, D.K. 27579
Wohlmuth, W.A., Arafa, M., Mahajan, A., Fay, P., Adesida, I. InGaAs metal-semiconductor-metal photodetectors with engineered Schottky barrier heights 17361
Wohlmuth, W.A., Fay, P., Vaccaro, K., Martin, E.A., Adesida, I. High-speed InGaAs metal-semiconductor-metal photodetectors with thin absorption layers 58751
Wohn Kwang Yun *see* Kwang Yun Wohn
Wohn Kwangyun *see* Kwangyun Wohn
Woias, P. *see* Kocha, S. 17568
Woias, P. *see* Yacoub-George, E. 27697
Woike, T., Haussuehl, S., Sugg, B., Rupp, R.A., Beckers, J., Imlau, M., Schieder, R. Phase gratings in the visible and near-infrared spectral range realized by metastable electronic states in $Na_2[Fe(CN)_5NO]\cdot 2H_2O$ 4099
Woirgard, J. *see* Dargenton, J.-C. 996
Woisetschlager, J. *see* Widmann, K. 4096
Woitok, J. *see* Behet, M. 10690
Woitok, J. *see* Lakner, H. 52661
Woitok, J. *see* Tuemmler, J. 52668
Wojak, G.J. *see* Liu, J. 22144
Wojciak, W., Napieralski, A. Thermal monitoring of a single heat source in semiconductor devices–the first approach 43222
Wojcicki, S. Experimental design of high energy electron gun by means of scaling rules 22145
Wojcicki, S. A new approach for high power electron beam gun design using scaling rules 53913
Wojcicki, S. *see* Felba, J. 53914
Wojciechowicz, B. *see* Barcelos, S. 13592
Wojciechowski, J., Michalski, Z., Vlach, J. Numerical-symbolic large-signal simulation of switched circuits 11160
Wojciechowski, J., Vlach, J., Opalski, L. Design for nonsymmetrical statistical distributions 20793
Wojciechowski, P. *see* Muehlbauer, M. 17970
Wojciechowski, S. *see* Leonowicz, M. 3114
Wojcik, G., Kopczyk, M. Electrochemical properties of the hydrogen absorbing AB_2 type alloys for nickel-metal hydride secondary batteries 9498
Wojcik, G., Mould, J., Jr., Abboud, N., Ostromogilsky, M., Vaughan, D. Nonlinear modeling of therapeutic ultrasound 28420
Wojcik, G. *see* Kopczyk, M. 9497
Wojcik, M. *see* Strupinski, W. 693
Wojcik, N. *see* Gawior, W. 3082
Wojcik, N. *see* Kolano, R. 21998
Wojcik, P.T. *see* Jansen, A.N. 42913
Wojcik, W. A criterion for resolution of ambiguity of raster images 5036
Wojcikowski, M. *see* Dietermann, A. 39809
Wojewodzki, T.H. *see* Gondek, J.J. 58698
Wojkowski, J. *see* Kim, J.D. 48669
Wojnarowski, J. *see* Gierlotka, K. 9757
Wojnarowski, R. *see* Fillion, R. 313
Wojs, A. *see* Hawrylak, P. 2046
Wojs, A. *see* Hawrylak, P. 2180
Wojsznis, P. *see* Orlowska-Kowalska, T. 9619
Wojtas, S. DC component of AC charging current of polyethylene insulated systems 43552
Wojtczuk, S. Low bandgap InGaAs thermophotovoltaic cells 20078
Wojtczuk, S., Colter, P., Charache, G., Campbell, B. Production data on 0.55 eV InGaAs thermophotovoltaic cells 39225
Wojtczuk, S., Colter, P., Karam, N.H., Serreze, H.B., Summers, G.P., Walters, R.J. Radiation-hard, lightweight 12% AM0 BOL InP/Si solar cells 37973
Wojtczuk, S., Reinhardt, K. High-power density (1040 W/kg) GaAs cells for ultralight aircraft 38976
Wojtczuk, S.J. *see* Charache, G.W. 38994
Wojtowicz, A.J. *see* Moszynski, M. 33251
Wojtowicz, T. *see* Dietl, T. 2203
Wojtowicz, T. *see* Godlewski, M. 12436
Wojtowicz, T. *see* Jaroszynski, J. 12438
Wojtowicz, T. *see* Karczewski, G. 12637
Wojtowicz, T. *see* Kutrowski, M. 10723
Wojtowicz, T. *see* Nguyen The Khoi 12433
Wojtowicz, T. *see* Riesz, F. 12352
Wojtowicz, T. *see* Sawicki, M. 12434
Wojtowicz, T. *see* Szuszkiewicz, W. 12439
Wojtowicz, T. *see* Szuszkiewicz, W. 22242
Wojtowicz, T. *see* Takeyama, S. 22370
Wojtsekhowski, B. *see* Zwart, T. 36368
Wokowski, P. *see* Standaert, C. 23386
Wol-Yon Hwang *see* Heuk Park 23582
Wol-Yon Hwang *see* Jang-Joo Kim 12003
Wol-Yon Hwang *see* Min-Cheol Oh 33131
Wol-Yon Hwang *see* Min-Cheol Oh 44025
Wol-Yon Hwang *see* Min-Cheol Oh 55280
Wolanski, Z. *see* Mwinyiwiwa, B. 8854
Wolanski, Z. *see* Mwinyiwiwa, B. 29456
Wolanski, Z. *see* Yiqiang Chen 50435
Wolansky, D. *see* Ritter, G. 22781
Wolarz, E. *see* Grabtschev, I.K. 55324
Wolbank, Th.M. Influence of parameter variations and measurement errors on the stability of an field oriented controlled induction motor without mechanical sensor 61235
Wolbank, T.M. Analysis of a simple feed back method in field-oriented control of an induction motor without speed and position sensor 50971
Wolber, G., Hoever, K.-H., Krauss, O., Maier-Borst, W. A new fast-neutron source for radiobiological research 59771
Wolberg, W.H. *see* Street, W.N. 46343
Wolcott, T.J., Gardner, J.M. Performance evaluation of 8PSK at 450 Mbps through TDRSS 6678
Wolcott, T.J., Osborne, W.P. Data rate determination for fixed, matched filter channels 4721
Wolczak, B. New aspects–antinomies–of edge detection in images and laser micrometry 46281
Wold, W.L. *see* Queen, L.P. 60102
Wolden, C.A., Gleason, K.K. On the pressure limits of diamond chemical vapor deposition 10907
Wolf, A. Interface with rhythm: C163 16 bit microcontroller with PLL and fast synchronous interface 11471
Wolf, A.J., Lindberg, P.O. Optimal short-term operation of a cascade of hydropower stations 29132
Wolf, B. *see* Dubenkov, V. 18057
Wolf, B. *see* Ehret, R. 36720
Wolf, C. *see* Daida, J.M. 18891
Wolf, C. *see* Sun, Y. 36127
Wolf, D. *see* Keblinski, P. 40505
Wolf, D. *see* Over, H. 41864
Wolf, D. *see* Schalk, H. 34660
Wolf, D. *see* Schlothauer, M. 34668
Wolf, E., Klinger, D., Bergmann, S. Investigations for the detection of microdefects in cast multicrystalline silicon 12192
Wolf, F. *see* Mewes, H. 36285
Wolf, G. *see* Martin, V.E. 3117
Wolf, G.L. *see* Bogorodzki, P. 28293
Wolf, H. *see* Ahlers, F.-J. 22894
Wolf, H. *see* Ostheimer, V. 12214
Wolf, H. *see* Streiter, R. 42649
Wolf, H. *see* Yacoub-George, E. 27697
Wolf, H.-C. *see* Kassakian, J.G. 29835
Wolf, H.G., Mlynski, D.A. A new genetic single-layer routing algorithm for analog transistor arrays 13066
Wolf, I.De *see* De Wolf, I.
Wolf, J. Spectrum Analyzer FSEM/FSEK: fast spectrum analysis now through to 40 GHz 7225
Wolf, J. Measurement methods for determining the screening attenuation of coated plastic sample plates against electric and magnetic fields 14629
Wolf, J., Buxton, B. Measure adjacent-channel power with a spectrum analyzer 47561
Wolf, J. *see* Hahn, R. 52278
Wolf, J. *see* Lastowiecki, J. 61118
Wolf, J. *see* Topper, M. 53855
Wolf, J.P. *see* Kasparian, J. 55890
Wolf, J.P. *see* Yu, J. 3737
Wolf, K., Hagedorn, P., Levin, P., Ludwig, R., Ustundag, A. A 2D finite element simulation of piezoelectrically driven bending waves in the stator of a linear traveling wave ultrasonic motor 13340
Wolf, K. *see* Ng, P.K. 51462
Wolf, K.B. Wigner distribution function for paraxial polychromatic optics 4952
Wolf, K.H., Froitzheim, K. WebVideo: interactive video in the World-Wide Web 16240
Wolf, L. *see* Delgrossi, L. 46773
Wolf, M., Weierich, P., Niemann, H. Automatic segmentation and 3D-registration of a femoral bone in MR images of the knee 49499
Wolf, M. *see* Bergmann, R.B. 39084
Wolf, M. *see* Bergmann, R.B. 40589
Wolf, M. *see* Brendel, R. 29639
Wolf, M. *see* Eckert, D. 3134
Wolf, M. *see* Iversen, K. 47998
Wolf, M. *see* Springer, J. 16285
Wolf, M. *see* Weierich, P. 49498
Wolf, M. *see* Xiaowei Yang 47882
Wolf, N. *see* Bartels, H. 55780
Wolf, P. *see* Pendekanti, A. 59816
Wolf, P. *see* Petit, G. 27224
Wolf, P.D. *see* Jain, M.K. 59757
Wolf, R.M. *see* Cillessen, J.F.M. 32768
Wolf, S. *see* Maurer, U. 4561
Wolf, S.A., Patten, F.W. Electronic applications of high temperature superconductors 23399
Wolf, S.A. *see* Patten, F.W. 3256
Wolf, T. Crystal growth mechanisms and growth anisotropy of $YBa_2Cu_3O_x$ crystals 10654
Wolf, T. Photovoltaic power convertor for sensor systems 48495
Wolf, T., Gutmann, B., Weber, H. Fuzzy logic–a new tool for 3-D displacement measurements 10990
Wolf, T., Gutmann, B., Weber, H., Ferre-Borrull, J., Gosch, S., Vallmitjana, S. Application of fuzzy-rule-based postprocessing to correlation methods in pattern recognition 15753
Wolf, T. *see* Gutmann, B. 45718
Wolf, T. *see* Haugh, D. 24398
Wolf, W. Key frame selection by motion analysis 15902
Wolf, W., Wolfe, A., Chinatti, S., Koshy, R., Slater, G., Sun, S. Lessons from the design of a PC-based private branch exchange 6388
Wolf, W. *see* Dutta, S. 31290
Wolf, W. *see* Kozuch, M. 5188
Wolf, W. *see* Philips, M. 46052
Wolf, W. *see* Potkonjak, M. 11494
Wolf, W. *see* Wolfe, A. 41239
Wolf-Rottke, B. *see* Danev, G. 42799
Wolfbeis, O.S. *see* Mohr, G.J. 48425
Wolfe, A., Fritts, J., Dutta, S., Fernandes, E.S.T. Datapath design for a VLIW video signal processor 35109
Wolfe, A., Wolf, W., Dutta, S., Fritts, J. Design methodology for programmable video signal processors 41239
Wolfe, A. *see* Dutta, S. 15914
Wolfe, A. *see* Dutta, S. 31290
Wolfe, A. *see* Kozuch, M. 5188
Wolfe, A. *see* Wolf, W. 6388
Wolfe, C.R., Downie, J.D., Lawson, J.K. Measuring the spatial frequency transfer function of phase-measuring interferometers for laser optics 59068
Wolfe, C.R. *see* Lawson, J.K. 3758
Wolfe, C.R. *see* Widmayer, C.C. 23873
Wolfe, D., Wang, F., Lucovsky, G. Integrated two-stage processing of microcrystalline silicon thin films on SiO_2 and glass 21348
Wolfe, D. *see* Harchol-Balter, M. 35480
Wolfe, F.H. *see* Carpenter, E.H. 30056
Wolfe, J.C., Pendharkar, S.V., Ruchhoeft, P., Sen, S., Morgan, M.D., Home, W.E., Tiberio, R.C., Randall, J.N. A proximity ion beam lithography process for high density nanostructures 22711
Wolfe, J.C. *see* Morgan, M.D. 23641
Wolfe, J.D. *see* Gibbons, K.P. 17666
Wolfe, P. Advances in PV semiconductor materials and technology 60608
Wolfe, S.V. *see* Dissado, L.A. 58091
Wolfe, T.R., LeVine, F.E., Riedy, P.E., Panlasigui, A., Hawke, R.S., Susoeff, A.R. High performance projectile seal development for non perfect railgun bores 24412
Wolfe, V.F. *see* Ginis, R. 6131
Wolfe, W. *see* Schwindt, H.-J. 61354
Wolfenden, P. *see* Yang, J. 28240
Wolfer, J., Roberge, J., Grace, T. Learning vector quantization vs. multilayered perceptrons for classifying Landsat Thematic Mapper imagery 60101
Wolfer, J. *see* Kim, B. 37688
Wolfers, P. *see* Brando, E. 3163
Wolfertstetter, F., Ruske, G. Discriminative training of stochastic Markov graphs for speech recognition 15061
Wolff, A. *see* Kim, M. 2191
Wolff, A. *see* Knoll, D. 2600
Wolff, D.W. Combining system, PCB and MCM level thermal analysis: at last, a look at the whole picture 39854
Wolff, I. *see* Werthen, M. 14692
Wolff, L. *see* Kalayjian, Z. 36707
Wolff, L. *see* Williams, J. 49552

Wolff, L.B. Polarization vision: a new sensory approach to image understanding 25282
Wolff, L.B., Mancini, T.A., Pouliquen, P., Andreou, A.G. Liquid crystal polarization camera 48682
Wolff, L.B. *see* Clark, J. 25284
Wolff, L.B. *see* Fan, J. 46426
Wolff, L.B. *see* Kalayjian, J.K. 25532
Wolff, N., Eutebach, T. Automatic identification of AC servo drives 61206
Wolff, N. *see* Eutebach, T. 61205
Wolff, S.S. *see* Leiner, B.M. 47137
Wolff, T. *see* Annis, P. 59237
Wolffenbuttel, R.F. *see* Kwa, T.A. 55426
Wolffer, N. *see* Gosselin, S. 3988
Wolffer, N. *see* Martel, G. 3977
Wolfframm, D. *see* Evans, D.A. 2245
Wolfgram, F.C. *see* Benson, J.D. 710
Wolfle, W. *see* Butler, M. 19872
Wolfle, W.H. *see* Hurley, W.G. 52045
Wolfler, R.Calvo *see* Calvo Wolfler, R.
Wolfner, G., Do, T.V., Jereb, L., Izso, T. CLONP: A planning tool for connectionless overlay networks 35523
Wolfner, G. *see* Do, T.V. 25910
Wolfram, A. *see* Knoll, A. 25490
Wolfram, P. *see* Umbach, A. 6867
Wolfram, P. *see* van Waasen, S. 47939
Wolframm, A. *see* Kreitmair-Steck, W. 18646
Wolfrum, E. *see* Behjat, A. 23738
Wolfrum, J. *see* Beiersdorfer, S. 10398
Wolfson, O. *see* Russell, L. 57925
Wolfson, R. *see* Oakes, D.B. 12799
Wolinska, M. *see* Popkiewicz, M. 49345
Wolinski, J. *see* Antos, J. 37373
Wolinski, T.R., Domanski, A.W., Galazka, P. Polarimetric fiber optic sensing for smart structures 37962
Wolinsky, J.S. *see* Bedell, B.J. 28269
Wolisz, A. *see* Fettweis, G.P. 47756
Wolisz, A. *see* Schieferdecker, I. 25919
Wolisz, A. *see* Schulzrinne, H. 26185
Wolk, J.A., Yu, K.M., Bourret-Courchesne, E.D., Johnson, E. Synthesis of GaN nanocrystals by sequential ion implantation 52599
Wolk, J.A. *see* Haller, E.E. 22230
Wolk, J.A. *see* Winton, M.J. 22546
Wolk, M., Armstrong, E.P., Mann, E.L. TOW optical and infrared test and alignment calibration capability 8678
Wolk, M. *see* Hadizad, P. 60863
Wolker, W. *see* Von Heinrich, B. 50583
Woll, A.R. *see* Headrick, R.L. 21301
Woll, D. *see* Beier, B. 33661
Woll, J. *see* Stietz, F. 2028
Woll, J. *see* Stietz, F. 42550
Wollack, E.J., Devlin, M.J., Jarosik, N., Netterfield, C.B., Page, L., Wilkinson, D. An instrument for investigation of the cosmic microwave background radiation at intermediate angular scales 48199
Wollermann-Windgasse, R. *see* Hertzler, C. 13934
Wollnik, H. *see* Ciavola, G. 49283
Wollnik, H. *see* Olsen, D.K. 49153
Wollnik, H. *see* Spiller, P. 59153
Wollnik, H. *see* Winkler, M. 59142
Wollweber, J. *see* Schulz, D. 52597
Wolny, W.W. *see* Pardo, L. 54940
Wolny, W.W. *see* Spanner, K. 13318
Woloshun, K.A. *see* Beard, C.A. 7757
Wolowski, J., Parys, P., Woryna, E., Krasa, J., Laska, L., Masek, K., Rohlena, K. Feasibility of short wavelength, short pulse laser ion source for the LHC injector 37205
Wolowski, J. *see* Haseroth, H. 49278
Wolowski, J. *see* Mroz, W. 59182
Wolpaw, J.R. *see* Daly, J.J. 18497
Wolpaw, J.R. *see* Vaughan, T.M. 18557
Wolpert, A.B. On behavior of cyclic parallel processes with shared resources 46697
Wolpert, S. A parametric examination of VLSI-based neuronal models of cyclic and reciprocal inhibition 7854
Wolpert, S., Laffely, A.J. An evaluation of stability in live cellular oscillators 53511
Wolschon, M. *see* Sanders, J. 28544
Wolsey, L.A. *see* Vanderbeck, F. 10337
Wolsink, M. Dutch wind power policy: stagnating implementation of renewables 50869
Wolski, D. *see* Moszynski, M. 33251
Wolter, J.H. *see* Chen, X.Y. 41976
Wolter, J.H. *see* Christianen, P.C.M. 2232
Wolter, J.H. *see* Guo-Qiang Hai 2145
Wolter, J.H. *see* Kemerink, M. 2212
Wolter, J.H. *see* Rongen, R.T.H. 40431
Wolter, J.H. *see* Teke, A. 44473
Wolter, J.H. *see* van Haren, R.J.F. 12475
Wolter, J.H. *see* Verschuren, C.A. 52647
Wolter, J.H. *see* Vreeburg, C.G.M. 44024
Wolter, K.-J., Streubel, P., Keil, M., Herzog, T. Test BGA for examination of mechanical behavior and reliability of solder joint interconnections under real thermal conditions 20916
Wolter, K.J., Keil, M. Optimization of solder volume for area array packaging applications 20904
Wolter, P. *see* Wurfl, J. 43343
Wolter, S. *see* Huber, K. 26413
Woltereck, M., Ludwig, R., Michalson, W. A quantitative analysis of the separation of aluminum cans out of a waste stream based on eddy current induced levitation 33914
Wolters, D.R., Zegers-Van Duijnhoven, A.T.A. Tunnelling in thin SiO_2 12585
Wolters, M. A dual route neural net approach to grapheme-to-phoneme conversion 15025
Wolters, R.P.C. Characteristics of upstream channel noise in CATV-networks 17068
Wolverson, D. *see* Klar, P.J. 12510
Wolverson, D. *see* Orange, C. 31853
Womack, B.D., Hansen, J.H.L. Improved speech recognition via speaker stress directed classification 15124
Womack, B.D., Hansen, J.H.L. Classification of speech under stress using target driven features 24828
Womer, N.K. *see* Gulledge, T.R. 20768
Womersley, W.J. *see* Lane, K.D. 59215
Womicki, J.M., Zapendowski, M. The stereometric matching using Gabor functions versus structured light-shape detection methods 35323
Won, C.S. *see* Lee, J.S. 26511
Won, D.H. *see* Kim, S.J. 4569
Won, D.H. *see* Park, S.J. 45596
Won, J., Hatta, A., Yagyu, H., Jiang, N., Deguchi, M., Kitabatake, M., Ito, T., Sasaki, T., Hiraki, A. Effect of boron inclusion on the quality of chemical vapor deposited diamond films 30885
Won, Y.-H. *see* Kim, K.-H. 6862
Won, Y.H. *see* Lee, M.H. 4062
Won Chang-Hee *see* Chang-Hee Won
Won Cheol Lee, Pillai, S.U. Beamforming for efficient interference suppression in a mobile communication environment 6669
Won Cho Byung *see* Byung Won Cho
Won Choi Cheon *see* Cheon Won Choi
Won Choi Jang *see* Jang Won Choi
Won Chung-Yuen *see* Chung-Yuen Won
Won Doh *see* Ki Seung Lee 56981
Won Gi Jeon, Yong Soo Cho Identification of nonlinear distortion in a digital high-density magnetic recording channel using an i.i.d. signal 3223
Won Hahn Jae *see* Jae Won Hahn
Won Hak Hong *see* Hae Ryong Kim 56905
Won Hong Lee *see* Jeong-Woo Choi 36717
Won Hur Tae *see* Tae Won Hur
Won Ick Jang, Jong Hyun Lee, Jong Tae Baek Pressure control in a high vacuum multichamber system 43199
Won Jaihyung *see* Jaihyung Won
Won Jinhee *see* Jinhee Won
Won Jong Yoo *see* Soon Oh Park 1350
Won Jong-Soo *see* Jong-Soo Won
Won Kang Sang *see* Sang Won Kang
Won Kang Tae *see* Tae Won Kang
Won Kim Jae *see* Jae Won Kim
Won Kim Soo *see* Soo Won Kim
Won Kweon Jang, Sung Ho Kim, Do Kyeong Ko, Byung Heon Cha, Jong Min Lee Output characteristics of a dye laser amplifier with pump direction and polarization 44370
Won Lee Chang *see* Chang Won Lee
Won Lee Chong *see* Chong Won Lee
Won Lee Gi *see* Gi Won Lee
Won Lee Jeong *see* Jeong Won Lee
Won Nara *see* Nara Won
Won Park Heung *see* Heung Won Park
Won Park Jin *see* Jin Won Park
Won Sang Jeong, Suk Whun Sohn, Ho Taek Seo, Jong Tae Seo Loss of a main feedwater pump test simulation using KISPAC computer code 19521
Won Seok Han *see* Jong-Hyeob Baek 52627
Won Sik Chung *see* Young Choon Kim 4947
Won Sik Park *see* Kwang Soo Cho 26437
Won Sik Woo *see* Ki Nam Oh 42426
Won Tae Kim Bubble rise behaviours in a miniature two-phase closed thermosyphon with a thin wire insert applied for the cooling of high heat electronics device 52259
Won Tchoi *see* Perlmutter, K.O. 8039
Won Zon Chen *see* Skvarenina, T.L. 18710
Won-Bae Park, Owen, H.L., Zegura, E.W. Connection request model for SONET/SDH switch evaluation 5775
Won-Cheol Choi, Kawashima, H., Ryo Dang Simulation of gate switching characteristics of a miniaturized MOSFET based on a non-isothermal non-equilibrium transport model 43079
Won-Chul Song *see* Chung-Wook Suh 58044
Won-Il Cho *see* Tae-Yong Choi 53209
Won-Jae Lee, Ho-Gi Kim, Soon-Gil Yoon Microstructure dependence of electrical properties of $(Ba_{0.5}Sr_{0.5})TiO_3$ thin films deposited on $Pt/SiO_2/Si$ 2957
Won-Jae Lee *see* Nam-Kyeong Kim 52800
Won-Jong Lee *see* Chang-Gu Choi 7482
Won-Jong Lee *see* Joong-Shik Shin 52759
Won-Jong Lee *see* Ju-Won Soh 10725
Won-Jong Lee *see* Sung-Tae Kim 30927
Won-Jun Lee, Sa-Kyun Rha, Seung-Yun Lee, Chong-Ook Park Field-aided thermal chemical vapor deposition of copper using Cu(I) organometallic precursor 40587
Won-Jun Lee, Sa-Kyun Rha, Seung-Yun Lee, Dong-Won Kim, Soung-Soon Chun, Chong-Ook Park Improved copper chemical vapor deposition process by applying substrate bias 40595
Won-Jun Lee *see* Dong-Won Kim 54891
Won-Jun Lee *see* Sa-Kyun Rha 12616
Won-Kook Choi, Jun-Sik Cho, Seok-Kyun Song, Hyung-Jin Jung, Seok-Keun Koh Auger electron and X-ray photoelectron spectroscopy studies of oxidation of tin using SnO_x thin films grown by reactive ion-assisted deposition 12295
Won-Kook Choi *see* Seok-Kyun Song 10871
Won-Kweon Jang, Sung Ho Kim, Do Kyeong Ko, Byung Heon Cha, Jong Min Lee Pumping methods and output characteristics of a dye laser amplifier 23768
Won-Kyu Hong, Eun-Ho Choi Multimedia communication management architecture for information highways 47363
Won-Kyu Moon, Busch-Vishniac, I.J. Modeling of piezoelectric ceramic vibrators including thermal effects. Part III. Bond graph model for one-dimensional heat conduction 38138
Won-Kyu Moon, Busch-Vishniac, I.J. Modeling of piezoelectric ceramic vibrators including thermal effects. Part IV. Development and experimental evaluation of a bond graph model of the thickness vibrator 38139
Won-Myoung Lee *see* Seok Jin Jang 58162
Won-Pyo Hong *see* Myung-Sung Lee 58211
Won-Seok Chae *see* Ji-Eun Lim 41853
Won-Seon Seo *see* Koumoto, K. 30712
Won-Sik Youn, Bhargava, V.K. Orthogonal multicarrier CDMA system using a concatenated orthogonal/PN spreading scheme 16062
Won-Sik Youn, Freiberg, L., Bhargava, V.K. A multi-carrier CDMA system using a concatenated orthogonal/PN spreading scheme 16607
Won-Sik Youn *see* Freiberg, L. 16608
Won-Sup Chung *see* Ji-Mann Park 11214
Won-Sup Chung *see* Kun Kim 53082
Won-Taek Han *see* Tae Jin Hwang 7674
Won-Woo Lee *see* Sang-Hoon Lee 13105
Won-Young Yang *see* Dae-Sun Oh 3202
Wonchan Kim *see* Changsik Yoo 1569
Wondergem, J.J. *see* Baggerman, A.F.J. 1784
Wong, A.K. *see* Kleemann, B.H. 2521
Wong, A.K.B. *see* Smith, A.C. 29897
Wong, A.K.C., Mayorga, R.V., Rong, A., Liang, X. A vision based online motion planning of robot manipulators 58831
Wong, A.K.C. *see* Fayek, R.E. 38119
Wong, A.K.C. *see* Fayek, R.E. 57257
Wong, A.K.C. *see* Rong, L. 25348
Wong, A.Y. Statistical micro yield modeling 10214
Wong, A.Y. Microwave interactions with plasmas 14620
Wong, A.Y. A statistical parametric and probe yield analysis methodology [IC manufacture] 32515
Wong, B.K.H., Tse, K.K., Chung, H. A fast time-domain simulation algorithm for the power electronic circuits 40867
Wong, B.S., Tui, C.G., Tan, K.S., Kwan, K.W. Evaluation of small defects in carbon fibre-reinforced composites using ultrasonic pulse echo amplitude 52914
Wong, C. EMTP modeling of IGBT dynamic performance for power dissipation estimation 31082
Wong, C.-K., Au, O.C. Modified motion compensated temporal frame interpolation for very low bit rate video 25434
Wong, C.A. *see* Yang-Tse Cheng 11808
Wong, C.K. *see* Yachyang Sun 41057
Wong, C.K. *see* Yao-Wen Chang 1311
Wong, C.K.H., Chan, Y.C., Pfleger, J., Lam, Y.W., Leung, K.M., Chiu, D.S. Fatigue in hydrazone-based xerographic photoreceptors: effect of ultraviolet irradiation 33236
Wong, C.M. *see* Leung, S.W. 35364
Wong, C.M. *see* Zhu, Y.S. 24905
Wong, C.N. *see* Shi, W.M. 45346
Wong, C.S.I., Jian-Yu Liu, Johnson, K.M. Ferroelectric liquid crystal fiber waveguide 32767
Wong, D. *see* Story, B.H. 15021
Wong, D.F. *see* Chung-Ping Chen 11085
Wong, D.F. *see* Kai-Yuan Chao 40785
Wong, D.F. *see* Thakur, S. 41058
Wong, D.F. *see* Wai-Kei Mak 11096
Wong, D.F. *see* Yang, H.H. 21629
Wong, D.F. *see* Yao-Wen Chang 1311
Wong, D.F. *see* Yung-Ming Fang 1052
Wong, D.F. *see* Zhou, H. 13085
Wong, E.K. *see* Blair, D.G. 33204
Wong, E.K. *see* Notcutt, M. 24040
Wong, E.K. *see* Park, Y. 16042
Wong, E.K. *see* Reitseng Lin 25406
Wong, E.K. *see* Taylor, C.T. 24038
Wong, E.P.K. *see* Guan, L. 25565
Wong, E.W.M., Chan, A.K.M., Chan, S.C.H., Ko, K.T. Bandwidth allocation and routing in virtual path based ATM networks 5737
Wong, G.A., Ozmore, R.E., Morrow, S.L. Evaluation of dual simultaneous ILS approaches to runways spaced 3000 feet apart with one localizer offset by 2.5 degrees using a precision runway monitor system with a 1.0-second update rate 59987
Wong, G.K. *see* Cho, S. 54230
Wong, G.K. *see* Lundquist, P.M. 44727
Wong, G.K. *see* Studebaker, D.B. 33701
Wong, G.K.L. *see* Hong Wang 55874
Wong, G.K.L. *see* Kan, S.C. 13640
Wong, G.K.L. *see* Kan, S.C. 33091
Wong, G.K.L. *see* Liao, H.B. 24076
Wong, G.K.L. *see* Xiao, R.F. 23098
Wong, G.K.L. *see* Yang, Z. 54159
Wong, H., Kirihata, T., DeBrosse, J., Watanabe, Y., Hara, T., Yoshida, M., Wordeman, M., Fujii, S.,

Krsnik, B. Flexible test mode design for DRAM characterization 1417
Wong, H., Lee, T.-Y.T. Thermal evaluation of a PowerPC 6201 microprocessor in a multiprocessor computer 10143
Wong, H., Sreekanth, C.S., Chan, L. Tungsten plug contact and via integration for sub-half-micron technology 54513
Wong, H. *see* Annis, P. 59237
Wong, H. *see* Poon, Y.H. 32096
Wong, H. *see* Troczynski, T. 38585
Wong, H.-S., Chan, K., Lee, Y., Roper, P., Taur, Y. Ultra-thin, highly uniform thin film SOI MOSFET with low series resistance using pattern-constrained epitaxy (PACE) 2646
Wong, H.C. *see* Ho, S.L. 50991
Wong, H.C. *see* Ho, S.L. 50992
Wong, H.K. *see* Yan, F.N. 11209
Wong, J. *see* Rudziak, M.K. 55094
Wong, J. *see* Yu, D. 55097
Wong, J.C.F., Russell, S., Gajjar, N. Erythemally effective and actinic irradiance from a tungsten halogen lamp 37928
Wong, J.J., Watlington, J.A., Bove, V.M., Jr. The H-Bus: A media acquisition bus optimized for multiple streams 47451
Wong, J.Ka Ho *see* Ka Ho Wong, J.
Wong, J.K.L., Lefley, P.W. Review of the latest sensorless techniques for induction motor control 20143
Wong, J.S.K. *see* Mikler, A.R. 46810
Wong, J.W. *see* Friesen, V.J. 6120
Wong, J.W. *see* Friesen, V.J. 47196
Wong, K., Aboulnasr, T. Single-ended loop characterization 16454
Wong, K. *see* Mondal, J. 41492
Wong, K. *see* Taylor, G. 1210
Wong, K.-K. *see* Stern, H.P. 35920
Wong, K.C. *see* Lim, S.K. 35078
Wong, K.C. *see* Lim, S.K. 57437
Wong, K.C.P., Ryan, H.M., Tindle, J. Early warning fault detection using artificial intelligent methods 19424
Wong, K.C.P., Ryan, H.M., Tindle, J. Power system fault prediction using artificial neural networks 38242
Wong, K.C.P., Ryan, H.M., Tindle, J. Update of an early warning fault detection method using artificial intelligence techniques 50657
Wong, K.K. *see* Leung, S.W. 35364
Wong, K.M. *see* Chen, W. 4626
Wong, K.M. *see* Davidson, T.N. 25073
Wong, K.M. *see* Wu, J. 25852
Wong, K.P., Li, A., Law, M.Y. Development of constrained-genetic-algorithm load-flow method 60193
Wong, K.P., Wong, Y.W. Hybrid genetic/simulated annealing approach to short-term multiple-fuel-constrained generation scheduling 60477
Wong, K.P. *see* Tsoi, E. 60199
Wong, K.S., Boning, D.S., Sawin, H.H. On endpoint detection of plasma etching via optical emission interferometry 54476
Wong, K.S. *see* Ho, J.Y.L. 7354
Wong, K.T., Zoltowski, M.D. High accuracy 2D angle estimation with extended aperture vector sensor arrays 25018
Wong, K.T., Zoltowski, M.D. Diversely polarized Root-MUSIC for azimuth-elevation angle-of-arrival estimation 34834
Wong, K.T., Zoltowski, M.D. Uni-vector-sensor ESPRIT for multi-source azimuth-elevation angle-estimation 34837
Wong, K.T., Zoltowski, M.D. Orthogonal velocity-hydrophone ESPRIT for sonar source localization 48137
Wong, K.T., Zoltowski, M.D. ESPRIT-based extended-aperture source localization using velocity-hydrophones 48141
Wong, K.T.G. *see* Honnrill, C. 60976
Wong, K.Y., Lauritzen, P.O., Venkata, S.S., Sundaram, A., Adapa, R. An SCR-GTO model designed for a basic level of model performance 32387
Wong, L. *see* Coifman, R.R. 56652
Wong, L.K., Leung, F.H., Tam, P.K.S. A simple large-signal nonlinear modeling approach for fast simulation of zero-current-switch quasi-resonant converters 60926
Wong, L.W., Jiang, H.W., Palm, E., Schaff, W.J. Termination of the spin-resolved integer quantum Hall effect 54152
Wong, M.C. *see* Lai, R. 16111
Wong, M.F. *see* Guillouard, K. 53655
Wong, M.K. *see* Lee, M.Y. 18485
Wong, M.K. *see* Lee, M.Y. 18491
Wong, M.T., Law, C.L. Influence of microstrip patch antenna heights on wideband channel parameters in a static indoor channel 47544
Wong, M.W.T., Mak, W.M. Enhancing ASICs reliability through the use of fault secure fail-safe multiplexer 53090
Wong, M.W.T., Yingquan Zhou, Lee, Y.S., Yinghua Min Fault coverage improvement based on error signal analysis 40846
Wong, M.W.T. *see* Tao Wei 52931
Wong, M.W.T. *see* Yingquan Zhou 22925
Wong, N. Design control regulation 37585
Wong, P.B., Cox, D.C. Low-complexity diversity combining algorithms and circuit architectures for co-channel interference cancellation and frequency-selective fading mitigation 6559
Wong, P.J.Y., Agarwal, R.P. The oscillation and asymptotically monotone solutions of second-order quasilinear differential equations 10500
Wong, P.S., Janoska, M.A., Light, C., McCourt, R.W. Long term magnetic field monitoring near power lines 50663
Wong, P.S. *see* Hobson, R.F. 21703
Wong, P.W. Rate distortion efficiency of subband coding with crossband prediction 24746
Wong, P.W. Progressively adaptive scalar quantization 57267
Wong, P.Y. *see* Hoppert, J.B. 22490
Wong, S., Azmeida, D., Mora, F., Passariello, G., Bevilacqua, G. Computerized analysis of ST vs. HR for assessing myocardial ischaemia in the stress ECG 59658
Wong, S. *see* Ng, F. 49622
Wong, S. *see* Pratt, M.A. 28206
Wong, S.K., Kalam, A. Intelligent power system protection using agent technology 19394
Wong, S.L. *see* Stone, R.J. 13835
Wong, S.M., Higgins, J.C., Martinez-Guridi, G., Chung, J.W. Application of risk-based methods to optimize inspection planning for regulatory activities at nuclear power plants 38569
Wong, S.P. *see* Huang, X.G. 23862
Wong, S.P. *see* Jia, L. 12708
Wong, S.P. *see* Ke, N. 12165
Wong, S.P. *see* Poon, M.C. 32095
Wong, S.P. *see* Qicai Peng 12210
Wong, S.S. *see* Biellak, S.A. 23966
Wong, S.S. *see* Chan, A.B.Y. 32413
Wong, S.S. *see* Chi-Man Ng 12928
Wong, S.S. *see* Ju, S. 54641
Wong, S.S. *see* Kuehne, S.C. 22813
Wong, S.S. *see* Leung, Y.K. 22819
Wong, S.S. *see* Loke, A.L.S. 12570
Wong, S.S. *see* Ying-Keung Leung 12990
Wong, S.S. *see* Yue, C.P. 41559
Wong, S.T.C., Huang, H.K. Design methods and architectural issues of integrated medical image data base systems 15431
Wong, T. *see* Rudziak, M.K. 55094
Wong, T. *see* Skellern, D.J. 35688
Wong, T. *see* Yu, D. 55097
Wong, T.K.P., Chan, P.C.H. An equivalent circuit model approach to the numerical modelling of a p-n solar cell and photodetector 29641
Wong, T.K.S. *see* Lee, S. 59348
Wong, T.N. *see* Ooi, K.T. 20257
Wong, V. *see* Skiles, J.J. 20094
Wong, V. *see* Walmsley, I.A. 17834
Wong, W. *see* Latif, Z. 32436
Wong, W.C. *see* Carter, L.J. 8605
Wong, W.C. *see* Chen, C.H. 34486
Wong, W.C. *see* Elliman, R.G. 734
Wong, W.C. *see* Lin, X. 4425
Wong, W.C.K. *see* Yunming Li 57192
Wong, W.H., Withers, R.S., Nast, R., Kotsubo, V., Johansson, M.E., Hill, H.D.W., Fuks, L.F., Delin, K.A., Cole, B., Brooke, A.L., Brey, W.W., Barfknecht, A., Anderson, W.A. HTS coils for high resolution nuclear magnetic resonance spectroscopy 55135
Wong, W.H. *see* Ip, H.H.S. 56596
Wong, W.K.F., Tsang, D.H.K. Flow control of ABR traffic in ATM networks using a two-level scheme 46618
Wong, W.K.F. *see* Tsang, D.H.K. 16317
Wong, W.N. *see* Yu, S.F. 14129
Wong, W.S. *see* Dong, H.K. 40426
Wong, W.S. *see* Haus, H.A. 44671
Wong, W.S. *see* Li, N.Y. 52619
Wong, W.S. *see* Yu, C.X. 33409
Wong, W.S.V., Mark, J.W. Handoff in an ATM-based personal communication network 47817
Wong, Y.K. *see* Knowlton, W.B. 42415
Wong, Y.S. *see* Zhang, Y.F. 39736
Wong, Y.W. *see* Wong, K.P. 60477
Wong Chi Chung *see* Chi Chung Wong
Wong Chi-Kong *see* Chi-Kong Wong
Wong Chin Fai *see* Chin Fai Wong
Wong Chuck *see* Chuck Wong
Wong Fu-Hsiang *see* Fu-Hsiang Wong
Wong Hei *see* Hei Wong
Wong Hing Lam *see* Lam Wong Hing
Wong Hon-Sum *see* Hon-Sum Wong
Wong Ka Wai *see* Ka Wai Wong
Wong Kam Sing *see* Kam Sing Wong
Wong Kim-Sing *see* Kim-Sing Wong
Wong Kin-Hung *see* Kin-Hung Wong
Wong Kin-Lu *see* Kin-Lu Wong
Wong Kin-Tu *see* Kin-Tu Wong
Wong Kon Max *see* Kon Max Wong
Wong Kuan *see* Kuan Wong
Wong Lik *see* Lik Wong
Wong Man Hon *see* Man Hon Wong
Wong Man Kit *see* Man Kit Wong
Wong Man Shing *see* Man Shing Wong
Wong Man-Fai *see* Man-Fai Wong
Wong Pak Chung *see* Pak Chung Wong
Wong Pak-Kwong *see* Pak-Kwong Wong
Wong Ping Wah *see* Ping Wah Wong
Wong Tak *see* Tak Wong
Wong Wai Hung *see* Wai Hung Wong
Wong Waisum *see* Waisum Wong
Wong Warren *see* Warren Wong
Wong Wing Shing *see* Wing Shing Wong
Wong Yew Kee *see* Yew Kee Wong
Wong Yiu-Fai *see* Yiu-Fai Wong
Wong-Lam, H.W. A simple transition response model for magnetoresistive heads on thin-film media 32856
Wong-Seong Lee *see* Sang-Hoon Lee 13105
Wongchareon, T. *see* Anwar, N. 55305
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Accurate characterization of optical filters with two-dimensional confinement 3559
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Characterization of optical filters with two-dimensional confinement 33069
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Electro-optic directional coupler switch characterization 33072
Wongchotigul, K. *see* Senpeng Sheng 3612
Wongchotigul, K. *see* Tang, X. 13658
Wongchotiqul, K., Chen, N., Zhang, D.P., Tang, X., Spencer, M.G. Low resistivity aluminum nitride: carbon (AlN:C) films grown by metal organic chemical vapor deposition 10795
WonGyu Lee *see* Sung Ho Cho 57923
Wonjin Park *see* Kwang-Suk Kim 5892
Wonjong Kim, Kitaek Kim, Hyunchul Shin An improved hierarchical placement technique using clustering and region refinement 54752
Wonterghem, B.M.Van *see* Van Wonterghem, B.M.
Wonyong Han, Clayton, M.J., Walker, D.D. Steps toward efficient mosaic CCD system design 17550
Wonyong Sung, Jiyang Kang Fixed-point C language for digital signal processing 1505
Wonyong Sung *see* Min-Seop Jeong 56302
Wonyong Sung *see* Seehyun Kim 502
Wonyong Sung *see* Seehyun Kim 1217
Wonyong Sung *see* Seehyun Kim 35069
Wonyong Sung *see* Seunghyeon Nahm 47555
Woo, D., Dermody, P., Phillips, C. Analysis of human gating performance using time frequency analysis 45652
Woo, H., Park, J., Kim, C.-K. Multicast scheduling for VOD services 47360
Woo, H.S. *see* Lee, J.G. 23695
Woo, J. *see* Baohong Cheng 22863
Woo, J.C. *see* Guerreiro, P.T. 44420
Woo, J.C. *see* Jin-Ho Seo 42314
Woo, J.C. *see* Kim, Y.M. 697
Woo, J.C. *see* Seo, J.-H. 42307
Woo, J.C.S. *see* Baohong Cheng 22809
Woo, J.C.S. *see* Chin, S.C. 21569
Woo, J.C.S. *see* Hsiao, T.C. 22972
Woo, J.C.S. *see* Song, M. 22857
Woo, J.C.S. *see* Tseng, Y.C. 22964
Woo, J.J. *see* Chang, G.S. 32233
Woo, M.-J. Drag and flow pattern around the truss structure of the International Space Station using molecular dynamics 18596
Woo, S.-G. *see* Hong, S. 22642
Woo, S.-G. *see* Kim, H.-J. 22639
Woo, S.-G. *see* Lim, S.-C. 2462
Woo, S.H. *see* Ree, M. 43542
Woo, W., Leung, V.C.M. Handoff enhancement in mobile-IP environment 47157
Woo, W., Ortega, A. Stereo image compression based on disparity field segmentation 56636
Woo, W.W. *see* Svoronos, S.A. 10856
Woo Cheon Se *see* Se Woo Cheon
Woo Cho Dong *see* Dong Woo Cho
Woo Choi Sung *see* Sung Woo Choi
Woo Chong-Ho *see* Chong-Ho Woo
Woo Goo Park, Sook Jin Lee, Sang Ho Lee An adaptive overload control technique for CDMA mobile communication system 5806
Woo Jae-Ik *see* Jae-Ik Woo
Woo Jin Lee *see* Jeong Hun Choi 47306
Woo Jin Oh, Yong Hoon Lee Design of efficient FIR filters with cyclotomic polynomial prefilters using mixed integer linear programming 15280
Woo Jongwook *see* Jongwook Woo
Woo Jung Jin *see* Jin Woo Jung
Woo Jung Son, Tae Jin Yun, Chang Hee Lee, Gwang Seon Ahn Design and implementation of a multi-scan path controller for board testing 27407
Woo Keung-Shan *see* Keung-Shan Woo
Woo Kim Bo *see* Bo Woo Kim
Woo Kim Hyun *see* Hyun Woo Kim
Woo Kim Jeong *see* Jeong Woo Kim
Woo Kwang-Bang *see* Kwang-Bang Woo
Woo Lee Chang *see* Chang Woo Lee
Woo Lee Chul *see* Chul Woo Lee
Woo Lee Hyun *see* Hyun Woo Lee
Woo Lim Byeong *see* Byeong Woo Lim
Woo Myung-Ho *see* Myung-Ho Woo
Woo Nam Suk *see* Suk Woo Nam
Woo Park Jung *see* Jung Woo Park
Woo Park Min *see* Min Woo Park
Woo Ro Cheul *see* Cheul Woo Ro
Woo Seop Lee, Byoung Yong Kang, Ye Hyun Kim, Ho Gyeong Chang Analysis of the sound field for a direct-radiator loudspeaker using the finite element method 18963
Woo Seung Hoon *see* Seung Hoon Woo
Woo Shin Hyun *see* Hyun Woo Shin
Woo Shini Cheon *see* Cheon Woo Shini
Woo Sik Yoo, Swope, R., Mordo, D. Plasma enhanced chemical vapor deposition and characterization of fluorine doped silicon dioxide films 30926
Woo Sup Kim *see* Ki Hyun Yoon 2940
Woo Sup Kim *see* Kihyun Yoon 54934

Woo Wai Lau, Yonghua Song, Eun Sok Kim Lateral-field-excitation acoustic resonators for monolithic oscillators and filters 13406
Woo Won Sik *see* Won Sik Woo
Woo Yeong Cho, Koeng Su Lim A simple optical properties modeling of microcrystalline silicon for the energy conversion application by the effective medium approximation method 54031
Woo Yong Ohm *see* Gee Keun Chang 42734
Woo Yu Hong *see* Hong Woo Yu
Woo-Beom Choi, Byeong-Kwon Ju, Yun-Hi Lee, Haskard, M.R., Man-Young Sung, Myung-Hwan Oh Anodic bonding technique under low temperature and low voltage using evaporated glass 54320
Woo-Chang Song *see* Jae-Hyung Lee 51596
Woo-Gu Park *see* Sook-Jin Lee 58186
Woo-Seop Rhee, Hong-Shik Park A study on traffic control for the ABR service in ATM networks 26190
Woo-Seung Yang *see* Joon-Seo Yim 41225
Woo-Tag Kang *see* Il-Kwon Kim 41170
Woo-Young Choi *see* Vinnakota, B. 53009
Wood, A., Dragon, C., Burger, W. High performance silicon LDMOS technology for 2 GHz RF power amplifier applications 41461
Wood, A. *see* Kastella, K. 50260
Wood, A.K., Thompson, J., Carr, N., Moseley, A.J., Bromley, P.A., Kearley, M.Q., Martin, R.W., Nicholas, R.J. Influence of substrate dopant type on the optical properties of GaInAs/InP multiquantum well structures grown by low pressure MOVPE 40337
Wood, A.P., Lewell, L., Manning, P.A., Donohue, P.P. Passively athermalised hybrid objective for a far infrared uncooled thermal imager 36659
Wood, A.R., Smith, B.C., Arrillaga, J. The harmonic impedance of an HVDC convertor 50519
Wood, A.R. *see* Arrillaga, J. 60357
Wood, A.R. *see* Enright, W. 8862
Wood, B. Characterizing medical device development 37587
Wood, B. *see* Savas, S. 2388
Wood, B.M., Inglis, A.D. Evaluation of the AC quantized Hall resistance 27827
Wood, B.P. *see* Nastasi, M. 10885
Wood, B.P. *see* Reass, W.A. 60864
Wood, C.E.C. *see* Vusirikala, V. 3389
Wood, C.E.C. *see* Wilson, S.W. 54428
Wood, D. Microengineering and the small business 23054
Wood, D. The DVB project: philosophy and core system 58526
Wood, D., Cooper, G., Burdess, J.S., Harris, A.J., Cruickshank, J.L. A monolithic silicon gyroscope capable of sensing about three axes simultaneously 27546
Wood, D. *see* Baron, S. 58534
Wood, D. *see* Burdess, J.S. 27550
Wood, D. *see* Eardley, P.L. 16812
Wood, D. *see* Harris, A.J. 27549
Wood, D.V. Mobile terminal evaluation 47828
Wood, G.C. *see* Habazaki, H. 2340
Wood, G.L. *see* Dovgalenko, G. 24228
Wood, G.L. *see* Miller, M.J. 24213
Wood, J. Problems associated with low voltage power factor correction equipment and harmonic filtering 60977
Wood, J., Barclay, D.M. Circuit design study for a GaAs operational transconductance amplifier 31372
Wood, J., Shawe-Taylor, J. Neural networks for invariant pattern recognition 4972
Wood, J., Shawe-Taylor, J. A unifying framework for invariant pattern recognition 35029
Wood, J. *see* Wells, T. 54442
Wood, J.T., Embury, J.D., Ashby, M.F. An approach to materials processing and selection for high-field magnet design 40662
Wood, M. *see* Khoo, I.C. 3399
Wood, M. *see* Stainforth, D. 50853
Wood, M.L. *see* Gelman, N. 7991
Wood, M.V., Lee, M., Guenther, D., Khoo, I.C. Isotropic liquid crystal cored fiber structures for optical limiting of nanosecond and picosecond laser pulses 23599
Wood, M.V. *see* Khoo, I.C. 4023
Wood, N. Call centres and CTI: an overview 16197
Wood, N.B. *see* Guang-Zhong Yang 7965
Wood, O.R. *see* Nalamasu, O. 42826
Wood, P. *see* Wang, D.X. 18021
Wood, P.A.D. *see* Wang, D.X. 49256
Wood, P.J., Sultan, N., Seguin, G. A dual-polarized reconfigurable-beam antenna for the DSAR synthetic aperture radar 34463
Wood, R. *see* Garnett, R.W. 17896
Wood, R. *see* Lawrence, G. 49177
Wood, R.E. *see* Bialaszewski, D. 52036
Wood, R.L., Clark, W.L., Martinez, F., Sigler, F.E. Thermal/structural design and fabrication development of high power CCDTL and CCL structures 49189
Wood, R.L. *see* Stovall, J.E. 49169
Wood, R.M. Summary of the factors affecting the power and energy capabilities of optical fibres 55223
Wood, R.M. The influence of the laser beam characteristics and the sample properties on the power handling characteristics of optical and laser components 55800
Wood, S.C. Cost and cycle time performance of fabs based on integrated single-wafer processing 32527
Wood, S.C. *see* Jurichich, S. 154
Wood, S.C. *see* Lopez, M.J. 30155
Wood, S.C. *see* McLaughlin, C.W. 17616
Wood, S.E. *see* Gerson, D.J. 57373
Wood, S.P. *see* Cross, T.A. 38000
Wood, T. Honeywell militarized color liquid crystal displays for the F-16 18620
Wood, T.H., Feldman, R.D. Fiber access in the USA: systems and implications for devices 26906
Wood, T.H. *see* Coroy, T. 17382
Wood, T.H. *see* Feldman, R.D. 16443
Wood, T.H. *see* Giles, C.R. 6725
Wood, T.H. *see* Wilson, G.C. 13688
Wood, W.D., Jr., Yati, V.P. Scattering from a trough in a ground plane 33990
Wood, W.M. Preformed transient gas channels for laser wakefield particle acceleration 17887
Wood, W.T., Lindwall, D.A. Full waveform inversion of field sonar returns for a visco-acoustic Earth; a comparison of linearized and fully nonlinear methods 18759
Wood-Hi Cheng, Wei-Han Wang, Jyh-Cheng Chen Defect formation mechanisms in laser welding techniques for semiconductor laser packaging 297
Woodall, D.R. *see* Lamb, J.D. 30489
Woodall, D.R. *see* Lamb, J.D. 40754
Woodall, D.R. *see* Lamb, J.D. 52468
Woodall, J.M. *see* Briner, B.G. 2256
Woodall, J.M. *see* Chen, E.H. 42065
Woodall, J.M. *see* Chen, L. 54609
Woodall, J.M. *see* Holden, T. 41918
Woodall, J.M. *see* Melloch, M.R. 10695
Woodall, J.M. *see* Ng, T.-B. 12725
Woodall, J.M. *see* Oktyabrsky, S. 12546
Woodall, J.M. *see* Samavedam, S.B. 726
Woodall, J.M. *see* Schoen, K.J. 54263
Woodall, W.H. *see* Sullivan, J.H. 39899
Woodard, J.P., Hanzo, L. A range of low and high delay CELP speech codecs between 8 and 4 kbits/s 47464
Woodard, P.K. *see* Li, D. 59477
Woodard, R.A. *see* Skalka, M.S. 28502
Woodbury, E. *see* Meyer, B. 17486
Woodbury, J. *see* Woodbury, N. 27977
Woodbury, K. *see* Antos, J. 37373
Woodbury, N., Buubacher, M., Woodbury, J. The frequency-modulated laser tank gauge: designing a practical system 27977
Woodcock, C.E., Collins, J.B., Jakabhazy, V.D., Xiaowen Li, Macomber, S.A., Yecheng Wu Inversion of the Li-Strahler canopy reflectance model for mapping forest structure 50030
Woodcock, C.E. *see* Carpenter, G.A. 50011
Woode, R.A., Ivanov, E.N., Tobar, M.E. An advanced ultra-sensitive detector for the measurement of AM and PM noise in microwave components 36859
Woode, R.A. *see* Ivanov, E.N. 17759
Woode, R.A. *see* Ivanov, E.N. 36857
Woode, R.A. *see* Tobar, M.E. 11668
Woodell, G.A. *see* Jobson, D.J. 35297
Woodell, G.A. *see* Rahman, Z.-U. 35131
Wooders, J. *see* Moreno, D. 10274
Woodford, D.A. *see* Burton, R.S. 8865
Woodgate, R.W. Step-by-step SMT: Solutions for today. VIII. Cleaning 1776
Woodhall, M.C., Lindquist, C.S. On the consistent comparison of adaptive and non-adaptive image processing algorithms 15509
Woodham, R.G., Ahmed, H. Single atom lithography and its applications 32323
Woodhead, J. *see* Chen, Y.H. 23972
Woodhead, J. *see* Chen, Y.H. 44602
Woodhead, J. *see* Hirotani, M. 44294
Woodhead, J. *see* Sale, T.E. 44552
Woodhouse, E.J., Nieusma, D. When expert advice works, and when it does not 39647
Woodhouse, J.D. *see* Donnelly, J.P. 3831
Woodhouse, J.D. *see* Donnelly, J.P. 14195
Woodhouse, J.D. *see* Walpole, J.N. 3824
Woodhouse, S. *see* Hodgson, A.J. 7440
Woodin, J., Ojanguren, A. E-mail tandem work for learning languages 57772
Wooding, M. SPLASH: a review 58523
Wooding, M. *see* Noll, J. 18876
Woodland, P.C., Gales, M.J.F., Pye, D. Improving environmental robustness in large vocabulary speech recognition 15126
Woodland, P.C. *see* Gales, M.J.F. 24864
Woodland, P.C. *see* Niesler, T.R. 14888
Woodland, P.C. *see* Valtchev, V. 15067
Woodland, P.C. *see* Young, S.J. 56368
Woodley, B., Jennings, C., Conway, A., Rock, S. A contestant in the 1995 Aerial Robotics Competition Aerospace Robotics Laboratory Stanford University 58502
Woodman, R.F. *see* Ragaini, E. 58414
Woodruff, B.G. *see* Saylor, A.V. 28704
Woods, A. Versatile simulator for power electronics 40863
Woods, C.A. *see* Allison, W.W.M. 37269
Woods, C.L. *see* Asimellis, G. 25274
Woods, D.C., Winker, D.M., Youngbluth, O., Osborn, M.T., DeCoursey, R.J. Long-term observations of the mid-latitude stratospheric aerosol from the Mount Pinatubo eruption 8465
Woods, D.C. *see* De Coursey, R.J. 8463
Woods, D.D. *see* Obradovich, J.H. 49746
Woods, E.L., Page, W.G. "ULF: Uniform Log Format" a standard datalog specification for electronic test equipment 58639
Woods, J.C. *see* Kopp, G.A. 33143
Woods, J.W. *see* Choi, S.-J. 56624
Woods, J.W. *see* Jaemin Kim 35294
Woods, J.W. *see* Kim, J. 46258
Woods, J.W. *see* Krishnamurthy, R. 57027
Woods, K. *see* Downs, J. 25736
Woods, K. *see* Hayes, M. 2763
Woods, L.C. The current melt-wave model 24413
Woods, L.C. *see* Marshall, R.A. 33916
Woods, L.M. *see* Levi, D.H. 39101
Woods, L.T. *see* Kelly, J.P. 39835
Woods, N.J. *see* Gardner, N.R. 2107
Woods, R., Cassidy, A., Gray, J. VLSI architectures for field programmable gate arrays: a case study 21571
Woods, R.C. *see* de Barros, O. 2599
Woods, R.C. *see* Hayden, R.K. 55014
Woods, R.C. *see* Kalingamudali, S.R.D. 42922
Woods, R.F. *see* Heron, J.P. 15986
Woods, R.F. *see* Trainor, D.W. 11146
Woods, R.P. *see* Freeborough, P.A. 37743
Woods, S.J., Wilson, S.P., Walker, A.B. Modelling of GaAs p-i-n photodiodes and n-p-n phototransistors under high illumination conditions 23675
Woods, T.N. *see* Solomon, S.C. 60062
Woodside, C.M. *see* Ravindran, K. 57661
Woodson, T. *see* Christie, B. 38530
Woodward, B., Istepanian, R.S.H. The use of underwater acoustic biotelemetry for monitoring the ECG of a swimming patient 18422
Woodward, D.R., Page, I., Levy, D.C., Harley, R.G. A programmable I/O system for real-time AC drive control applications 20115
Woodward, R.C. *see* Folks, L. 3250
Woodward, R.C. *see* Harpham, S.W. 38928
Woodward, R.H. *see* Gregg, W.W. 50173
Woodward, S.H. *see* Ford, J.M. 18412
Woodward, S.L. *see* Perino, J.S. 36088
Woodward, T.K. VLSI-compatible smart-pixel interface circuits and technology 33337
Woodward, T.K., Krishnamoorthy, A.V., Lentine, A.L., Chirovsky, L.M.F. Optical receivers for optoelectronic VLSI 3663
Woodward, T.K. *see* Goossen, K.W. 16494
Woodward, T.K. *see* Krishnamoorthy, A.V. 33185
Woodworth, A., Ambarian, C. Surface mounting technology for power electronics 40901
Woodworth, C.B. *see* Ayanoglu, E. 47542
Woodworth, J.G., Kreisler, M.N., Kerman, A.K. A free-wave accelerator 17916
Woodworth, J.R., Aragon, B.P., Hamilton, T.W. Effect of bumps on the wafer on ion distribution functions in high-density argon and argon-chlorine discharges 40641
Woodworth, M. A co-generator's (CHP) viewpoint [embedded generation] 29080
Woodworth, M.B. *see* Yaghjian, A.D. 14587
Woodworth, P.D. *see* Richmond, R. 8673
Woody, C.E. *see* Timko, R.E. 50191
Woodyard, J.R. Laboratory instrumentation and techniques for characterizing multi-junction solar cells for space applications 37986
Woodyard, J.R., Severns, J.G. Analysis of LIPS III satellite a-Si:H alloy solar cell data 37997
Wooff, R. *see* Cuillandre, J.-C. 48679
Woogeun Rhee *see* Wilson, D.G. 26578
Woohong Kim *see* Sang-Don Jung 55465
Woohyuk Lee, Pardo, A., Jae-Young Jang, Hachtel, G., Somenzi, F. Tearing based automatic abstraction for CTL model checking 11341
Woojin Lee, Brock, D. Lumped parameter modeling of polymer gel for real time control 10982
Wook Bahng, Hyeong Joon Kim Heteroepitaxial growth of β-SiC thin films on Si(100) substrate using bis-trimethylsilylmethane 21227
Wook Hyun Kwon *see* Jung Woo Park 16085
Wook Hyun Kwon *see* Kyeonghoon Koo 1272
Wook Hyun Kwon *see* Yong Ho Kim 47062
Wook Jung Seong *see* Seong Wook Jung
Wook Kim Dae *see* Dae Wook Kim
Wook Kim Dong *see* Dong Wook Kim
Wook Kwon Oh *see* Oh Wook Kwon
Wook Lee Sang *see* Sang Wook Lee
Wook-Jin Chung *see* Seo-Kyu Lee 54665
Wook-Jin Jang, Chang Soo Lim An intelligent architecture for traffic controls in ATM network 57599
Wook-Kyum Kim *see* Moon-Ho Kye 51324
Wookwon Lee, Pickholtz, R.L. Maximum likelihood detection with a linear array for synchronous DS/CDMA systems 6628
Woolaway, J. *see* Radford, W. 17492
Wooldridge, J.J. Performance of 3-D microwave package for X-band radar 48104
Woolet, S. *see* Rindos, A. 46563
Wooley, B.A. *see* Aw, C.H. 17539
Wooley, B.A. *see* Blalack, T. 43241
Wooley, B.A. *see* Shen, D.H. 11569
Woolf, C.D., Tilson, D.A. Yacht Video System for the Whitbread Round the World Race 27141
Woolf, D.A. *see* Chen, X. 31981
Woolf, D.A. *see* Evans, D.A. 2245
Woolf, D.A. *see* Rose, K.C. 746
Woolf, D.A. *see* Sobiesierski, Z. 52625
Woolf, D.A. *see* Steimetz, E. 52624
Woolf, D.A. *see* Thornton, J.M.C. 2244

Woolf, S. *see* Frederickson, A.R. 43543
Woolfenden, J.M. *see* Barber, H.B. 37663
Woolfson, M.S. *see* Ferrah, A. 29719
Woollam, J.A. *see* Benson, J.D. 710
Woollam, J.A. *see* Dinan, J.H. 36671
Woollam, J.A. *see* Ducharme, S. 36504
Woolliscroft, L.J.C. *see* Parrot, M. 48197
Woolons, D.J. *see* Edgar, D.R. 28389
Woolven, S., Scherzinger, B. An integrated position, attitude and heading solution for seafloor mapping with multibeam sonars 38045
Woolven, S. *see* Scherzinger, B.M. 36291
Woolverton, K., Kristiansen, M., Hatfield, L.L. Coaxial vircator source development 12089
Woon Lee Jung *see* Jung Woon Lee
Woong Kim Tae *see* Tae Woong Kim
Woong Lee Choong *see* Choong Woong Lee
Woong Lee Choong *see* Lee Choong Woong
Woong Nam Ki *see* Ki Woong Nam
Woong Park Chul *see* Chul Woong Park
Woong Ra Jung *see* Jung Woong Ra
Wooseung Yang *see* Joonseo Yim 53334
Wooten, E.L., Stone, R.L., Miles, E.W., Bradley, E.M. Rapidly tunable narrowband wavelength filter using $LiNbO_3$ unbalanced Mach-Zehnder interferometers 3464
Wooten, G. System design/applications. Permanent magnet motor design–from the ground up 38749
Wooton, B.F. *see* Shokooh, F. 50377
Wootters, W.K. *see* Bennett, C.H. 14854
Wootton, A.J. *see* Gasquet, H. 34800
Worboys, M.R. *see* Radcliffe, S. 44095
Worboys, M.R. *see* Rankin, I.D. 33160
Worcester, A.W., Sankovitch, M.J. The recyclability of lead alloys 61003
Word, G. *see* Abe, K. 37234
Wordel, R., Mouchel, D., Steinbauer, E., Oyrer, R. An active background discrimination technique using a multiple detector event by event recording system 18155
Wordel, R. *see* Mouchel, D. 18108
Wordel, R. *see* Quintana, B. 18105
Wordeman, M. *see* Wong, H. 1417
Worden, E. *see* Scheibner, K. 922
Worden, H., Beer, R., Rinsland, C.P. Airborne infrared spectroscopy of 1994 western wildfires 60086
Worden, M. *see* Vincent, D.J. 8070
Worden, P. *see* Sapilewski, G. 7594
Worden, P.W., Bye, M. Accelerometer development at Stanford 7593
Worgotter, F. *see* Cozzi, A. 46332
Worgotter, F. *see* Opara, R. 4971
Worgotter, F. *see* Vogelgesang, J. 15875
Workman, J. *see* Maksimchuk, A. 28054
Workman, R. *see* Rafferty, T. 37740
Workman, R.K. *see* Pyle, J.L. 40507
Worle, D. *see* Lahnor, P. 36558
Worley, B.A. *see* Difilippo, F.C. 19486
Worley, E. *see* Bhattacharya, S. 41147
Worley, E. *see* Chun Hu 12932
Worley, E. *see* Martin, S.T. 2699
Worley, E. *see* Martin, S.T. 42598
Worley, J.C. *see* Dorr, D.S. 61319
Worm, S. *see* Antos, J. 37373
Wormald, N.C. *see* Molloy, M.S.O. 52501
Wormeester, H. *see* El-Sherbiny, M.A. 12650
Wormley, D.N. *see* O'Connor, D.N. 61244
Wornell, G.W., Trott, M.D. Signal processing techniques for efficient use of transmit diversity in wireless communications 16579
Wornell, G.W., Trott, M.D. Efficient signal processing techniques for exploiting transmit antenna diversity on fading channels 26487
Wornell, G.W. *see* Lam, W.M. 16076
Wornell, G.W. *see* Ooi, J.M. 35477
Wornell, G.W. *see* Papadopoulos, H.C. 15377
Worner, A. *see* Schmucking, D. 6364
Worrall, A. *see* Connolly, S.M. 9037
Worrall, G.M. Practical assessment of inspection reliability 52895
Worrell, E. *see* de Beer, J.G. 20259
Worren, T., Ozanyan, K.B., Martelli, F., Hunderi, O. Transfer matrix formalism applied to above barrier energy states in strained multiple quantum wells 54227
Worring, M., de Win, A. Analysis of complex motion patterns using region-based curve analysis 5097
Worrowicz, T. *see* Mackh, G. 22369
Worsfold, P.J. *see* Rutan, S.C. 27392
Worsley, D.J., Ogunfunmi, T. Isochronous Ethernet–an ATM bridge for multimedia networking 47333
Worster, B. *see* Li, J. 30365
Worthington, M.S., Wheeland, C.L., Ramacher, K., Doyle, E. Composite and diamond cold cathode materials 1905
Worthington, M.S. *see* Wheeland, C.L. 1928
Worthington, R.M., Thomas, L. The measurement of gravity wave momentum flux in the lower atmosphere using VHF radar 18856
Worthman, E. PCS–working to make the link 58137
Wortman, J.J. *see* Gardner, M.M. 20829
Wortman, J.J. *see* Hames, G.A. 22576
Wortmann, H.C., Erens, F.J. Control of variety by generic product modelling 30122
Wortmann, R. *see* Lundquist, P.M. 23446
Wortmann, R. *see* Moylan, C.R. 55936
Woryna, E. *see* Haseroth, H. 49278
Woryna, E. *see* Mroz, W. 59182
Woryna, E. *see* Wolowski, J. 37205
Worz, M., Hampel, M., Flierl, R., Gebhardt, W. Photoelectron spectroscopy of II-VI semiconductor heterostructures 12354
Worz, T. *see* Robertson, P. 4472
Worzyk, T.B. No danger with leaks in DC submarine cables 38364
Wosifiski, T. *see* Flglelskl, T. 43161
Wosinska, L., Thylen, L. Reliability analysis of an optical ATM switch based on wavelength routing 35884
Wosinski, L., Noharet, B., Berthold, A., Germain, O. Optical implementation and comparison of composite filters displayed on BPOSLMs: Optimal trade-off SDF filters, Jared-and-Ennis SDF filters and quantized detour-phase encoded OTSDF filters 5204
Wosinski, T. *see* Figielski, T. 12414
Wosnitza, M., Cavadini, M., Thaler, M., Troster, G. A scalable VLSI architecture for high resolution real time object detection 1454
Woste, L. *see* Kasparian, J. 55890
Woszczyk, P. *see* Renard, M. 6801
Woszczyna, M., Finke, M. Minimizing search errors due to delayed bigrams in real-time speech recognition systems 15142
Woszczyna, M. *see* Waibel, A. 14945
Woudenberg, E.A. *see* McDermott, E. 24875
Woydt, M. *see* Becker, G. 49455
Woynar, A. *see* Elms, D. 6435
Woywode, O., Pejcinovic, B. Nonlinear second order current cancellation in HBTs 21919
Wozniak, A., Drapikowski, P., Kasinski, A., Majchrzak, J., Skrzypczynski, P. Multisensor navigation system for autonomous mobile robot 7421
Wozniak, L. *see* Wrate, C.A. 38636
Wozniak, P. *see* Martinson, T. 49820
Wozniak, W.A. *see* Urbanczyk, W. 27597
Wozniak, W.A. *see* Urbanczyk, W. 58809
Wozniakowski, H. *see* Novak, E. 10465
Woznicki, J., Kukielka, G. Minimising the effects of threshold setting errors, detection shading and noise errors in fringe patterns 35324
Wozny, D.R. *see* Baumann, S.B. 37808
Wraback, M. *see* Li, Y. 12779
Wragg, R. *see* Schumacher, R.W. 58736
Wranne, B. *see* Wigstrom, L. 18283
Wrate, C.A., Wozniak, L. Hydrogenerator system identification using a simple genetic algorithm 38636
Wrathall, R.S. A study of AC and switchmode coupling of currents to airbag squib ignitors 29841
Wrege, D.E. *see* Liebeherr, J. 25869
Wren, G.P., Oberle, W.F., Gough, P.S. Consideration of pressure gradients in electrothermal-chemical (ETC) guns 33868
Wren, G.P. *see* Katulka, G.L. 33859
Wren, G.P. *see* Oberle, W.F. 33861
Wrenn, G.L., Smith, R.J.K. Probability factors governing ESD effects in geosynchronous orbit 28501
Wrenner, K. *see* Widmer, A.X. 26425
Wriedt, T. *see* Doicu, A. 45161
Wriggers, P. *see* Carstensen, C. 40282
Wright, A.C. *see* Evans, D.A. 2245
Wright, A.C. *see* Gnoth, D.N. 40346
Wright, A.C. *see* Ng, T.L. 30740
Wright, A.C. *see* Poole, I.B. 40475
Wright, A.C. *see* von der Emde, M. 796
Wright, A.E. *see* Staveley-Smith, L. 36300
Wright, A.F. *see* Chow, W.W. 33491
Wright, A.F. *see* Gubanov, V.A. 12264
Wright, B.M. *see* Vincent, J.H. 39770
Wright, C.T., Jr. *see* Meier, R.D. 20666
Wright, D., Taylor, S. A policy and regulatory framework for the mobile satellite services 6598
Wright, D. *see* Goodzeit, N.E. 49933
Wright, D. *see* Heifets, S. 49221
Wright, D.M. *see* Paolucci, P. 37242
Wright, E. *see* Ruth, R.D. 49165
Wright, E.M. *see* Dunlop, A.M. 3925
Wright, E.M. *see* Forysiak, W. 44710
Wright, G.A. Magnetic resonance imaging 28177
Wright, G.A. *see* Evans, J.G. 47543
Wright, G.A. *see* Zabin, S.M. 4787
Wright, G.R. *see* Schatzki, T.F. 46120
Wright, J. *see* Leerentveld, R. 27791
Wright, J. *see* Toppozada, A.R. 58859
Wright, J.C. *see* Farrell, J.F. 17695
Wright, J.H., Carey, M.J., Parris, E.S. Statistical models for topic identification using phoneme substrings 14922
Wright, J.H. *see* Sharman, R.A. 14935
Wright, J.M. An industrial user's view [of switchgear maintenance] 51398
Wright, J.S., Francis, L.F. Processing and piezoelectric properties of PZT films and 1-3 connectivity PZT/polymer composite sensors 58686
Wright, J.T. *see* Stoner, R.E. 3675
Wright, M. *see* Johnston, D. 38022
Wright, M.C. *see* King, J.P. 16750
Wright, M.E. *see* Bieser, F. 59307
Wright, M.T. *see* Beaven, R.W. 60787
Wright, M.T. *see* Maggs, J. 20121
Wright, M.T. *see* Phillips, C. 20135
Wright, M.W., Dente, G.C., Bossert, D.J., Tilton, M.L. Modified substrate spontaneous emission in broad area semiconductor lasers 44435
Wright, N. Understanding and designing for electrostatic discharge 24358
Wright, N., Cordeaux, C. Rethinking video-conferencing: Lessons learned from initial teacher education 26272
Wright, N.G., Johnson, C.M., O'Neill, A.G. Switching performance of 4H-SiC power devices 2705
Wright, N.G., Johnson, C.M., O'Neill, A.G., Hossin, M. Vertical GaAs MESFET for smart power switching applications 40896
Wright, P. *see* Robert, A. 8733
Wright, P.A., Stow, R.J. Detection and measurement of mining subsidence by SAR interferometry 60105
Wright, P.E. *see* Hwang, F.K. 10207
Wright, P.K. *see* Huang, W. 52918
Wright, P.M., Nielson, D.L. Overview of geothermal resource development with emphasis on engineering aspects 19587
Wright, R. *see* Kirby, P.B. 23095
Wright, R.G. ATE-resident multimedia compression for training and test implementation 36386
Wright, R.G., Kirkland, L.V. Interoperability standard in sensor-based processing applications 36391
Wright, R.G. *see* Kirkland, L.V. 36387
Wright, R.G. *see* Kirkland, L.V. 36388
Wright, S. Stability of augmented system factorizations in interior-point methods 30614
Wright, S., Ralph, D. A superlinear infeasible-interior-point algorithm for monotone complementarity problems 10408
Wright, S. *see* Brady, F. 22965
Wright, S. *see* Parr, G. 26433
Wright, S.A. *see* Huslak, N.S. 25985
Wright, S.E., Vuksanovic, B. Optimisation of controlled acoustic shadows 15248
Wright, W.M.D. *see* Bashford, A.G. 38131
Wrigley, C.J. Tactical jet aircraft detection, targeting, and elimination using pneumatic ballistics projectiles 38172
Wrigley, R. *see* Murch, A. 26311
Wrinn, J. Two new techniques for identifying opens on printed circuit boards: analog, junction test, and radio frequency induction test 31571
Wristers, D. *see* Kim, B.Y. 54799
Wrobbel, D.C., Walker, K.L. UltraSPARC™-I microprocessor yield and performance analysis 48392
Wrobel, A.M., Kryszewski, M., Czeremuszkin, G. Plasma chemical vapor deposition of a-C:S:N:H films using organoisothiocyanates as novel single-source precursors 31791
Wrobel, J. Electron transport in submicron wires of semiconductors 12413
Wrobel, J. *see* Chmielorz, W. 49424
Wrobel, J. *see* Dietl, T. 2203
Wrobel, J. *see* Grabecki, G. 12416
Wrobel, J. *see* Grabecki, G. 42234
Wrobel, J. *see* Jaroszynski, J. 12438
Wrobel, J. *see* Jezewski, J. 28098
Wrobel, L.C. *see* Charafi, A. 40250
Wrobel, L.C. *see* Lu, Z. 29144
Wrobel, T. *see* Hechner, J. 36736
Wroblewski, W., Brzozka, Z., Rudkevich, D.M., Reinhoudt, D.N. Nitrite-selective ISE based on uranyl salophen derivatives 48436
Wroblewski, Z. Simulation digital models of the reliability of contacts of electric circuit-breakers 29496
Wroblewski, Z., Klajn, A., Jaworski, M. Influence of the transverse magnetic field upon a low-voltage vacuum arc 60940
Wroblewski, Z. *see* Klajn, A. 29473
Wrochna, G. CMS level-1 trigger 37515
Wronski, C.R. *see* Collins, R.W. 39125
Wronski, C.R. *see* Hongyue Liu 39147
Wronski, C.R. *see* Jiao, L. 39134
Wronski, C.R. *see* Lee, Y.-H. 39154
Wronski, C.R. *see* Lihong Jiao 12151
Wruck, D., Boyn, R., Parthier, L., Henneberger, F. Incorporation of rare earths into II-VI compounds during MBE growth: optical and structural studies of Sm-doped tellurides 42406
Wrzosek, D. Existence and uniqueness of solutions for a semiconductor device model with current dependent generation-recombination term 22750
Wrzyszcz, A., Milford, D., Dagless, E.L. Design of synchronous parallel controllers for low-power applications 11296
Wu, A. High performance adder cell for low power pipelined multiplier 1295
Wu, A. Discriminant sampling for IC parametric fault simulation 31059
Wu, A., Fujuwara, T., Jikei, M., Kakimoto, M., Imai, Y., Kubota, T., Iwamoto, M. Electrical properties and electroluminescence of poly(p-phenylene vinylene) Langmuir-Blodgett film 33299
Wu, A., Hein, D.H. Stellar inertial attitude determination for LEO spacecraft 49889
Wu, A., Ng, C.K. High performance low power low voltage adder 53200
Wu, A. *see* Schmidt, D.M. 22789
Wu, A. *see* Wu, K.Y. 1077
Wu, A.C.-H. *see* Chi-Hong Hwang 41117
Wu, A.C.-H. *see* Wei-Liang Ing 40801
Wu, A.C.-H. *see* Wen-Jong Fang 11366
Wu, A.C.-H. *see* Yuh-Sheng Lee 53249
Wu, A.W. *see* Johnson, K.E. 13458

Wu, B., Wang, Q. Maximization of the channel utilization in wireless heterogeneous multi-access networks 47636
Wu, B. *see* Xiao, Y. 19838
Wu, B. *see* Xiao, Y. 29442
Wu, B.Y. *see* Kwok-Wah Hui 23585
Wu, C. The printed circuit board industry in Taiwan 11911
Wu, C. *see* Cong, J. 1254
Wu, C. *see* Daschner, W. 23629
Wu, C. *see* Mu, A. 6415
Wu, C. *see* Norwood, R.A. 3390
Wu, C.-C. *see* Youn, S. 41179
Wu, C.-H. *see* Anderson, J.M.M. 49543
Wu, C.-K., Dawson, E. On construction of resilient functions 24806
Wu, C.-N. *see* Ker, M.-D. 2788
Wu, C.-S. *see* Shul, R.J. *(editor)* 9839
Wu, C.C., Skalak, T.C., Schwenk, T.R., Mahler, C.M., Anne, A., Finnerty, P.W., Haber, H.L., Weikle, R.M., II, Feldman, M.D. Accuracy of the conductance catheter for measurement of ventricular volumes seen clinically: effects of electric field homogeneity and parallel conductance 49649
Wu, C.C., Sturm, J.C., Register, R.A., Thompson, M.E. Integrated three-color organic light-emitting devices 3642
Wu, C.C., Theiss, S., Lu, M.H., Sturm, J.C., Wagner, S. Integration of organic LEDs and amorphous Si TFTs onto unbreakable metal foil substrates 48797
Wu, C.C., Wu, C.I., Sturm, J.C., Kahn, A. Surface modification of indium tin oxide by plasma treatment: an effective method to improve the efficiency, brightness, and reliability of organic light emitting devices 42487
Wu, C.I. *see* Wu, C.C. 42487
Wu, C.J. Performance comparison of fuzzy and proportional controllers in the application of image compression 25337
Wu, C.M. *see* Wu, T.B. 2926
Wu, C.P. *see* Loboda, M.J. 310
Wu, C.P. *see* Loboda, M.J. 2748
Wu, C.P. *see* Loboda, M.J. 52233
Wu, C.Q. *see* Lee, X.Y. 38977
Wu, C.Q. *see* Lee, X.Y. 38995
Wu, C.S. *see* Chou, Y.C. 22784
Wu, C.S. *see* Chou, Y.C. 32449
Wu, C.S. *see* Chou, Y.C. 32450
Wu, C.S. *see* Li, G.P. 22889
Wu, C.W., Chen, Y., Tang, X., Conrad, H. Conductivity and force between particles in a model electrorheological fluid. I. Conductivity 986
Wu, C.W., Chen, Y., Tang, X., Conrad, H. Conductivity and force between particles in a model electrorheological fluid. II. Interaction force 989
Wu, C.W. *see* Yang, T. 35099
Wu, C.Z. *see* Liu, W.C. 54689
Wu, D., Kaas, E., Diaz, J., Lane, B., Rybaltowski, A., Yi, H.J., Razeghi, M. InAsSbP-InAsSb-InAs diode lasers emitting at 3.2 μm grown by metal-organic chemical vapor deposition 23980
Wu, D., Ono, K., Hosaka, H., He, B. Body surface Laplacian mapping during epicardial and endocardial pacing: a model study 49693
Wu, D. *see* Diaz, J. 21229
Wu, D. *see* Kim, J.D. 48669
Wu, D. *see* Lane, B. 40408
Wu, D. *see* Lane, B. 42059
Wu, D. *see* O'Hara, M. 59678
Wu, D. *see* Xiang, Q. 26680
Wu, D. *see* Xiang, Q. 26681
Wu, D. *see* Xu, A. 26679
Wu, D. *see* Yuan, H. 36119
Wu, D.I. *see* Hall, R.C. 4401
Wu, D.I. *see* Hall, R.C. 34368
Wu, D.T. *see* McIntyre, P.C. 43662
Wu, D.Y., Yen, A.C., Meeker, D., Beccue, S., Pedrotti, K., Penney, J., Price, A., Wang, K.C. Two phase detectors for 2.5-10 Gb/s NRZ data operation: a Hogge and a balanced mixer 47941
Wu, E. *see* Heutmaker, M.S. 11194
Wu, F.H. *see* Jaramillo, P.D. 46973
Wu, F.M. *see* Chen, W.M. 7548
Wu, F.Y. *see* Chou, P.B. 39876
Wu, G., Gonzalez, R. Curvature of the probability weighting function 30446
Wu, G., Taira, K., Harada, H., Mizuno, M., Mukumoto, K., Fukuda, A. An R-ISMA integrated voice/data wireless information system with different packet generation rates 6470
Wu, H., Fukumoto, T., Chen, Q., Yachida, M. Face detection and rotations estimation using color information 25791
Wu, H., Li, Z. Electrical and structural characterisation of carbon-doped GaAs grown by MOVPE using carbon tetrabromide 12222
Wu, H. *see* Pramadihanto, D. 25327
Wu, H. *see* Pramadihanto, D. 25789
Wu, H. *see* Rosenmayer, T. 42718
Wu, H. *see* Vispute, R.D. 10801
Wu, H. *see* Yokoyama, T. 25790
Wu, H.-P., Hasan, M.A. Efficient exponentiation using dual basis 45635
Wu, H.M. *see* Zhao, N. 21185
Wu, I.W. *see* Cheng, E. 12947
Wu, J., Kohno, R. Performance evaluation of wireless multimedia CDMA networks using adaptive transmission control 16539
Wu, J., Shimizu, S. Formation of iron silicides on Si(110) by reactive deposition epitaxy 40376
Wu, J., Wong, K.M., Jin, Q., Davidson, T.N. Performance of wavelet packet division multiplexing in impulsive and Gaussian noise channels 25852
Wu, J. *see* Bamberger, A. 7787
Wu, J. *see* Bamberger, A. 37358
Wu, J. *see* Celenk, M. 15622
Wu, J.-C., Daut, D.G. Adaptive nonstationary DPCM image coding with variable blocksize 56641
Wu, J.-L. *see* Yang, M.-C. 4856
Wu, J.-L. *see* Yang, M.-C. 45927
Wu, J.-S., Kuo, F.-J. Bounds on waiting time for multiplexing leaky bucket enforced sources in ATM networks 46574
Wu, J.-S., Kuo, F.-J. Bounds for multiplexing leaky-bucket enforced sources in ATM networks 46576
Wu, J.-S., Kuo, F.-J., Sue, S.-W. Delay bound analysis for multiplexed traffic controlled by enhanced leaky bucket 16046
Wu, J.-S. *see* Chu, P.-T. 54506
Wu, J.-S. *see* Milici, A. 38473
Wu, J.-S. *see* Pao, T.-L. 15619
Wu, J.C.-H. *see* Rubin, I. 35511
Wu, J.H., Tay, A.A.O., Yeo, K.S., Lim, T.B. Three-dimensional modeling of wire sweep incorporating resin cure 222
Wu, J.H. *see* Bayramian, A.J. 3765
Wu, J.H. *see* Kun-Li Wen 30547
Wu, J.J. *see* Karlmann, P. 51870
Wu, J.K., Lam, C.P., Mehtre, B.M., Gao, Y.J., Narasimhalu, A.D. Content-based retrieval for trademark registration 5015
Wu, J.L. Cryogenic dielectric testing performed for the SMES-ETM program 51624
Wu, J.L. Development of Westinghouse HTS vapor-cooled current leads 60403
Wu, J.Q. *see* La Scala, M. 19111
Wu, J.W., Wang, Y., Tursbiek, A., Wang, J.M. Dynamic image of vacuum arcs 23196
Wu, J.W., Wang, Y., Tursbiek, A., Wang, J.M. Electron density of vacuum arcs 23197
Wu, J.Y., Shen, L.K., Zhou, L.W. Nonlinear optical study of ER fluids 14374
Wu, K. *see* Chen, K.M. 12340
Wu, K. *see* Huang, J. 53537
Wu, K.-R., Jan, R.-H. A reassembly strategy for reducing IN/PCS signalling traffic 47301
Wu, K.C., De La Guardia, R. The effects of controls on fatigue loads in two-bladed teetered rotor wind turbines 19654
Wu, K.L., Soble, J.S., Stein, J., Neumann, A., Marcus, R.H., Roberge, J. A method for non-invasively computing left atrial pressure 37687
Wu, K.R. *see* Kapur, K.N. 30322
Wu, K.Y., Shen, Y., Chen, R.M.M., Wu, A. A parallel optimal statistical design method based on genetic algorithm 1077
Wu, L. *see* Boucaud, P. 2171
Wu, L. *see* Hou, M. 36814
Wu, L. *see* Kuznicki, Z.T. 39051
Wu, L. *see* Liu, J. 33190
Wu, L.J. *see* Kun Liu 54078
Wu, L.M. *see* Tsay, C.L. 39373
Wu, L.S. *see* Mai, Z.H. 30729
Wu, M. *see* Huang, G. 15801
Wu, M. *see* Yuan, S. 3349
Wu, M.C., Tong, D.T.K. Two-dimensional multiwavelength optically controlled phased array antennas 45461
Wu, M.C. *see* Fan, L. 33175
Wu, M.C. *see* Fan, L. 44142
Wu, M.C. *see* Fan, L. 55477
Wu, M.C. *see* King, C.R. 32572
Wu, M.C. *see* Lee, S.S. 36109
Wu, M.C. *see* Lin, L.Y. 3331
Wu, M.C. *see* Lin, L.Y. 6866
Wu, M.C. *see* Lin, L.Y. 32579
Wu, M.C. *see* Lin, L.Y. 33105
Wu, M.C. *see* Lin, L.Y. 44045
Wu, M.C. *see* Motamedi, M.E. 55476
Wu, M.C. *see* Tong, D.T.K. 7552
Wu, M.C. *see* Tong, D.T.K. 16683
Wu, M.C. *see* Tong, D.T.K. 56210
Wu, M.F., Vantomme, A., Pattyn, H., Langouche, G., Bender, H. High quality $GdSi_{1.7}$ layers formed by high dose channelled implantation 42693
Wu, M.F., Vantomme, A., Pattyn, H., Langouche, G., Qinqing Yang, Qiming Wang X-ray-diffraction study of quasipseudomorphic $ErSi_{1.7}$ layers formed by channeled ion-beam synthesis 2315
Wu, M.F. *see* Jin, S. 40398
Wu, M.F. *see* Vantomme, A. 30744
Wu, M.J., Suen, C.Y. Multi-measure fractal and multi-fractal measure 45493
Wu, M.K. *see* Lin, C.L. 3271
Wu, M.S., Vail, E.C., Chang-Hasnain, C.J. Widely tunable micromachined optical filters 44175
Wu, M.W., Conwell, E.M. Transport in α-sexithiophene films 54127
Wu, M.W., Cui, H.L., Sun, W., Wu, S.Y. Onsager relations and hydrodynamic balance equations in 2D quantum wells 12493
Wu, M.W. *see* Conwell, E.M. 44290
Wu, N.J., Liu, D., Chen, Y.S., Lin, H., Zomorrodian, K.R., Ignatiev, A. Infrared photocurrent study of PZT/YBCO and PMSZT/YBCO heterostructures 17373
Wu, N.J. *see* Lin, H. 7336
Wu, N.M., Tang, K., Lin, J.H. Back side emission microscopy for failure analysis 43220
Wu, O.K., Rajavel, R.D., DeLyon, T.J., Jensen, J.E., Cockrum, C.A., Johnson, S.M., Venzor, G.M., Chapman, G.R., Radford, W.A. Recent advances in HgCdTe MBE technology 48663
Wu, O.K. *see* Benson, J.D. 21287
Wu, O.K. *see* De Lyon, T.J. 702
Wu, O.K. *see* De Lyon, T.J. 48645
Wu, O.K. *see* Rajavel, R.D. 711
Wu, O.K. *see* Rajavel, R.D. 27578
Wu, P., Houstis, E.N. Parallel adaptive mesh generation and decomposition 633
Wu, P.-J. *see* Liu, S.-G. 22484
Wu, P.B.J., Gussner, C.G., Date, E.S. Correlation of EMG, CMAP and SNAP amplitude decrease in mononeuropathies with axonal loss 28328
Wu, P.H. *see* Chen, J. 3284
Wu, P.H. *see* Jin, B.B. 11698
Wu, P.H. *see* Wang, H.B. 32918
Wu, P.H. *see* Wang, H.B. 53611
Wu, P.H. *see* Xue, S.Q. 27232
Wu, P.J. *see* Nie, J.C. 13484
Wu, P.S., Ming Li A novel Hough transform for curve detection 25679
Wu, P.S., Ming Li Pyramid adaptive dynamic Hough transform to detect edges with arbitrary shapes 57406
Wu, P.S. *see* Ming Li 57405
Wu, P.S.Y. *see* Kwok-Kei Lai 25334
Wu, P.T. *see* Pelella, A.R. 1413
Wu, P.W., Lev-Ari, H. Optimized estimation of moments for nonstationary signals 56567
Wu, P.Y.F. *see* Chiang, S. 30261
Wu, Q., Campbell, P., Zhang, X.-C., Libelo, L. Ultrafast electro-optic field sensors for terahertz beams 7256
Wu, Q., Castleman, K.R. Multiscale image enhancement of chromosome banding patterns 28263
Wu, Q., Ding, C., Hsieh, C., Pedram, M. Statistical design of macro-models for RT-level power evaluation 41121
Wu, Q., Zhang, X.-C. 7 terahertz broadband GaP electro-optic sensor 48488
Wu, Q. *see* Liu, C.-C. 27514
Wu, Q.H. *see* Cao, Y.J. 19150
Wu, Q.H. *see* Cao, Y.J. 40128
Wu, Q.R. *see* Bourland, J.D. 18520
Wu, R., Gao, W., Zhao, J., Chen, Z., Lin, S., Huang, Y., Zhong, Z., Wang, Q., Cao, M., Li, H. GaAs-GaAlAs multiquantum well electroabsorption reflection modulator and self electro-optic effect device (SEED) 23571
Wu, R., Gerner, J., Weelus, R., Lew, K. Testing logic-intensive memory ICs on memory testers 31268
Wu, R., Hamlin, S.J., Myers, J.D., Hutchinson, J.A., Marshall, L.W. Infrared image studies of diode-pumped Yb^{3+}, Er^{3+}:glass 23845
Wu, R., Myers, M.J., Myers, J.D., Hamlin, S.J. Miniature and high repetition rate eyesafe Q-switched Er:glass transmitter for radar applications 6979
Wu, R. *see* Wang, Q. 23887
Wu, R.J. *see* Adam, A. 37280
Wu, R.X. *see* Jin, B.B. 11698
Wu, S. *see* Subbanna, S. 41161
Wu, S. *see* Voldman, S. 22978
Wu, S.-K. *see* Dietz, K.H. 41639
Wu, S.-Q. *see* Ishihara, Y. 48997
Wu, S.C. *see* Antos, J. 37373
Wu, S.F. Sleepy network-layer authentication service for IPSEC 16328
Wu, S.L. *see* Pan, J.N. 31559
Wu, S.M. *see* Hong, S.Y. 36921
Wu, S.M. *see* Ybarra, G.A. 26944
Wu, S.Q., Ching, P.C. Signal waveform restoration by wavelet denoising 34913
Wu, S.X., Yuhai Mei, Chao-Pin Yeh, Wyatt, K.W. Process induced residual stresses in isotropically conductive adhesive joints 39758
Wu, S.Y. *see* Wu, M.W. 12493
Wu, T., Vorst, A.V. Nonlinearities in GaInAs/InP p-i-n photodetectors 27552
Wu, T.-C. Conference key distribution system with user anonymity based on algebraic approach 56315
Wu, T.-C. *see* Werthen, J.G. 48627
Wu, T.-F., Chen, Y.-K. A systematic and unified approach to modeling PWM DC/DC converters based on the graft scheme 51120
Wu, T.-F., Chiang, M.-C., Liu, Y.-C. Single-stage dimmable electronic ballast with unity power factor 39377
Wu, T.-F., Yu, T.-H., Chang, Y.-H. A systematic illustration of the applications of grafted converter trees 51124
Wu, T.-T. *see* Chai, J.-F. 40734
Wu, T.B., Wu, C.M., Chen, M.L. Highly insulative barium zirconate-titanate thin films prepared by RF magnetron sputtering for dynamic random access memory applications 2926
Wu, T.B. *see* Cheng, C.-C. 22644
Wu, T.B. *see* Yan, Y.-S. 22645
Wu, T.K. Receive-only phased array antenna for tracking and communication with LEO satellites 24605

Wu, T.K. Piezoelectrically adjustable array for large reflector antenna surface distortion compensation 45443
Wu, T.S., Bellar, M.D., Tchamdjou, A., Mahdavi, J., Ehsani, M. A review of soft-switched DC-AC converters 38826
Wu, T.S. *see* Tenpas, E.W. 10866
Wu, W. Great leap or long march: some policy issues of the development of the Internet in China 16281
Wu, W. *see* Seaford, M. 54688
Wu, W. *see* Sengupta, D.K. 27577
Wu, W.-L. Application of off-specular X-ray reflectivity for surface characterization 48907
Wu, X., Bruce, D.M., Jessop, P.E., Coroy, T., Measures, R.M. Wavelength monitoring in fiber-optic sensors using a tunable optical waveguide filter 17418
Wu, X., Davies, A.E., Hampton, R.N., Swingler, S.G., Cartwright, G.A. An investigation into the factors affecting space charge in XLPE 43517
Wu, X., Haimovich, A. Space-time processing for CDMA communications 35470
Wu, X., Hommerich, U., Mackenzie, J.D., Abernathy, C.R., Pearton, S.J., Schwartz, R.N., Wilson, R.G., Zavada, J.M. Direct and indirect excitation of Er^{3+} ions in Er:AlN 54088
Wu, X., Huang, S., Li, L. Performance evaluation of priority packet reservation multiple access and adaptive packet reservation multiple access 46771
Wu, X., Zou, B., Xu, J., Yu, B., Tang, G., Zhang, G., Chen, W. The nonlinear optical properties of nanometer-sized SnO_2 organosol 55879
Wu, X. *see* Bailey, P. 44259
Wu, X. *see* Ersoni, M. 33065
Wu, X. *see* Memon, N. 56620
Wu, X. *see* Yi, Y. 29822
Wu, X.-L. *see* Perry, J.W. 14408
Wu, X.D. *see* Jia, Q.X. 52675
Wu, X.D. *see* Jia, Q.X. 54944
Wu, X.D. *see* Street, R.A. 33228
Wu, X.H., Fini, P., Keller, S., Tarsa, E.J., Heying, B., Mishra, U.K., DenBaars, S.P., Speck, J.S. Morphological and structural transitions in GaN films grown on sapphire by metal-organic chemical vapor deposition 31803
Wu, X.H. *see* Sink, R.K. 24006
Wu, X.M. *see* Yang, G.-R. 12586
Wu, X.S. *see* Hu, K.X. 22111
Wu, Y., Darnell, M., Al-Dabbagh, A. Near optimum joint detection for CTDMA system 15214
Wu, Y., Ikeda, H. Parallel transmission of vehicle mirror control signals by a single optical fiber 6759
Wu, Y., Pfennig, B.W., Bocarsly, A.B., Vicenzi, E.P. Synthesis of redox active optical mesostructures at the cyanometalate modified electrode interface 23442
Wu, Y., Tao, B. Detection of chaos based on wavelet transform 25167
Wu, Y. *see* Burnham, B. 18002
Wu, Y. *see* Liang, G. 32941
Wu, Y.-F., Jiang, W.-N., Keller, B.P., Keller, S., Kapolnek, D., Denbaars, S.P., Mishra, U.K., Wilson, B. Low resistance ohmic contact to n-GaN with a separate layer method 32074
Wu, Y.-F., Keller, B.P., Keller, S., Kapolnek, D., DenBaars, S.P., Mishra, U.K. GaN HFETs and MODFETs with very high breakdown voltage and large transconductance 2724
Wu, Y.-F. *see* Nguyen, N.X. 31494
Wu, Y.-S. *see* Passas, N.I. 26596
Wu, Y.A., Chang-Hasnain, C.J. Quality distribution and yield theory for diode laser fabrication 23927
Wu, Y.A., Chang-Hasnain, C.J. Yield theory for diode laser fabrication 44495
Wu, Y.F. *see* Look, D.C. 54085
Wu, Y.F. *see* Parikh, P. 43144
Wu, Y.H. *see* Jung, H.D. 42381
Wu, Y.H. *see* Tomasini, P. 754
Wu, Y.J. *see* Zhou, S.Q. 28564
Wu, Y.Q. *see* Forsberg, F. 18346
Wu, Y.R. *see* Chang, S.J. 23700
Wu, Y.Z., Huang, N., Jin, L.H., Wang, D. Tau/charm factory collider design at BEPC 17878
Wu, Y.Z. *see* Kurokawa, S. 17881
Wu, Y.Z. *see* Lin, W.J. 10883
Wu, Z. Detecting effectiveness measured by AURL 52304
Wu, Z., Kanamaru, T. Very low bit-rate coding based on wavelet, edge detection, and motion interpolation/extrapolation 5256
Wu, Z., Kanamaru, T. Block-based DCT and wavelet selective coding for arbitrary-shaped images 56873
Wu, Z., Xia, G., Chen, J. Studying two-contact bistable diode lasers with wavelength dependent rate equations 23889
Wu, Z., Xia, G., Chen, J. Influence of facet reflectivities on the output characteristics of laser diodes 23890
Wu, Z., Xia, G., Chen, J. Computer model of time response of Fabry-Perot etalon filters to short optical pulses 44164
Wu, Z., Xia, G., Chen, J. Studying the linearity of the travelling-wave semiconductor laser amplifier 55686
Wu, Z., Yao, M., Gao, Y. Clock component extraction from unequal amplitude signals in time division multiplexing using SLALOM 36187
Wu, Z. *see* Chen, J. 55458
Wu, Z. *see* Drossos, G. 34216
Wu, Z. *see* Fan, Z. 11637
Wu, Z. *see* Schaback, R. 665
Wu, Z. *see* Xia, G. 33529
Wu, Z. *see* Xia, G. 55685
Wu, Z. *see* Yang, D. 13244
Wu, Z.C. *see* Hu, W.S. 873
Wu, Z.L. *see* Thomsen, M. 33202
Wu, Z.Leo *see* Leo Wu, Z.
Wu, Z.Q., Shirkoohi, G.H., Cao, J.Z. Simple dynamic hysteresis modelling of three phase power transformer 29370
Wu, Z.S. *see* Hone-Zern Chen 3282
Wu, Z.S. *see* Pingmao Xu 54936
Wu, Z.Y., Mellor, P.H., Howe, D. Steady-state and transient performance control of PWM inverter drives 61212
Wu, Z.Y. *see* Perennes, F. 33159
Wu, Z.Y. *see* Perennes, F. 55314
Wu Aiguo *see* Wang Jiang 19876
Wu Allen C.-H. *see* Allen C.-H. Wu
Wu An-Yeu *see* An-Yeu Wu
Wu Baichang *see* Li Zhengdong 30728
Wu Baichang *see* Baichang Wu
Wu Bin *see* Bin Wu
Wu Bing *see* Peng Xiaolang 50620
Wu Bing-Fei *see* Bing-Fei Wu
Wu Bo-Yu *see* Bo-Yu Wu
Wu Boau-Cheng *see* Boau-Cheng Wu
Wu Chai Wah *see* Chai Wah Wu
Wu Chau-Neng *see* Chau-Neng Wu
Wu Chen *see* Chen Wu
Wu Cheng *see* Wang Ran 20812
Wu Cheng *see* Yang Sheng 10323
Wu Cheng Wen *see* Cheng Wen Wu
Wu Cheng-Ke *see* Zhang Xiang-Dong 58478
Wu Cheng-Shong *see* Cheng-Shong Wu
Wu Cheng-Wen *see* Cheng-Wen Wu
Wu Cheng-Zu *see* Cheng-Zu Wu
Wu Chengke, Liu Jing, Xu Zhengwei, Zhou Lingyun Image segmentation method by genetic algorithms 46427
Wu Chengke *see* Chengke Wu
Wu Chengqi *see* Ji Yanchao 38842
Wu Chi *see* Chi Wu
Wu Chi-Jui *see* Chi-Jui Wu
Wu Chi-Yao *see* Chi-Yao Wu
Wu Chia-Jen *see* Chia-Jen Wu
Wu Chia-Song *see* Chia-Song Wu
Wu Chialin *see* Chialin Wu
Wu Chien-Ming *see* Chien-Ming Wu
Wu Chien-Ping *see* Chien-Ping Wu
Wu Chieng-Hsing *see* Chieng-Hsing Wu
Wu Chih-Hung *see* Chih-Hung Wu
Wu Ching-Mo, Wen Tung-Jen, Chen Shu-Chueng, Shyur Tzu-Sheng, Shen Sze-Chieh The effect of HVAC condensate on liquid radwaste input in Kuosheng Nuclear Power Plant 60478
Wu Ching-Yuan *see* Ching-Yuan Wu
Wu Chiung-Sheng *see* Chiung-Sheng Wu
Wu Chiung-Shien *see* Chiung-Shien Wu
Wu Chou *see* Rahim, M.G. 24881
Wu Chuankun *see* Xu Shengbo 16626
Wu Chuanlin *see* Chuanlin Wu
Wu Chung Hsien *see* Chung Hsien Wu
Wu Chung-Hsien *see* Chung-Hsien Wu
Wu Chung-Yu *see* Chung-Yu Wu
Wu Chunya, Geng Xinhua, Sun Zhonglin Modeling analysis of photoelectronic performance of multijunction a-Si based alloy solar cells 9562
Wu Chwan-Hwa *see* Chwan-Hwa Wu
Wu Congxin On the fuzzy differential equations 39978
Wu Cunkai *see* Cunkai Wu
Wu Da-Jin *see* Long Quan 44594
Wu De-Zhu *see* De-Zhu Wu
Wu Dehai *see* Wei Bingqing 4169
Wu Deming *see* Zhang Kan 47902
Wu Der-Woei *see* Der-Woei Wu
Wu Dexang *see* He Youping 13537
Wu Deyun *see* Deyun Wu
Wu Di *see* Di Wu
Wu Ding Mechanism of microwave amplification in relativistic klystron amplifier 53977
Wu Ding *see* Ding Wu
Wu Dong *see* Dong Wu
Wu Dong Ho *see* Dong Ho Wu
Wu Dongsheng *see* Dongsheng Wu
Wu Duanpei *see* Duanpei Wu
Wu Erhui, Shen Lincheng, Chang Wensen A new entropy-based approach for terrain navigability evaluation 27112
Wu Fang *see* Huang Zhaoming 14260
Wu Fang *see* Tian Wen-Jing 44258
Wu Fei *see* Ma Kun 40309
Wu Feifei *see* Peng Xiaolang 50620
Wu Gang *see* Gang Wu
Wu Ge *see* Yan Shanchang 26101
Wu Guang-Hui *see* Dong Nai-Han 60103
Wu Guo-Zua *see* Guo-Zua Wu
Wu Hai-Shan *see* Hai-Shan Wu
Wu Haiming *see* Haiming Wu
Wu Haiyuan *see* Haiyuan Wu
Wu Hao *see* Hao Wu
Wu Heyu *see* Duan Limin 18082
Wu Ho-Ting *see* Ho-Ting Wu
Wu Hong-Ying *see* Hong-Ying Wu
Wu Hongshi *see* Ma Jinping 17751
Wu Hou *see* Biing-Hwang Juang 56370
Wu Hsien-Chung *see* Hsien-Chung Wu
Wu Hsien-Tsai *see* Hsien-Tsai Wu
Wu Hsin-Yu *see* Hsin-Yu Wu
Wu Hua *see* Hua Wu
Wu Huan *see* Wang Yajun 41245
Wu Huan *see* Zhang Zijing 38181
Wu Huan *see* Huan Wu
Wu Huapeng *see* Huapeng Wu
Wu Huaren *see* Cao Xiaoning 38447
Wu Hui *see* Wang Zhangqi 19887
Wu Hui Hsien *see* Hui Hsien Wu
Wu Hwa *see* Hwa Wu
Wu Ja-Ling *see* Ja-Ling Wu
Wu Janne-Wha *see* Janne-Wha Wu
Wu Jaw-Shyang *see* Jaw-Shyang Wu
Wu Jean-Shin *see* Jean-Shin Wu
Wu Jen-Ming *see* Jen-Ming Wu
Wu Ji, Cai Xiyao, Yu Tao A study of blank region problem in route planning 18994
Wu Ji *see* Ji Wu
Wu Jiajian *see* Zhao Chongde 37210
Wu Jiali *see* Jiali Wu
Wu Jian An improved two-Maxwellian velocity distribution function and its applications in computations of incoherent scattering radar spectra of high-latitude F-region 18832
Wu Jian *see* Chang Yilin 32210
Wu Jian *see* Chang Yilin 35442
Wu Jian *see* Jian Wu
Wu Jiang, Shealy, D.L., Baker, K.M. Development and testing of a holographic projection system 4097
Wu Jianguang *see* Xu Bing 33461
Wu Jianhong *see* Zeng Jiyong 44815
Wu Jianhong *see* Jianhong Wu
Wu Jianhua *see* Jianhua Wu
Wu Jianming *see* Jianming Wu
Wu Jiannan *see* Jiannan Wu
Wu Jianxin *see* Ji Hang 32209
Wu Jianyao *see* Jianyao Wu
Wu Jianzhou, Zhang Yuquan Optical guiding in complex media 24069
Wu Jie *see* Jie Wu
Wu Jih-Jen *see* Jih-Jen Wu
Wu Jin *see* Umetani, K. 7951
Wu Jin *see* Jin Wu
Wu Jin-Di *see* Jin-Di Wu
Wu Jing *see* Jing Wu
Wu Jing-Long *see* Jing-Long Wu
Wu Jingshown *see* Jingshown Wu
Wu Jinqi *see* Wang Guicheng 7828
Wu Jinzhao, Liu Zhuojun Linear strategy, semantic strategy and lock strategy for remainder method 52543
Wu Jiren *see* Jiren Wu
Wu Jishun *see* Hou Zhijian 28844
Wu Jishun *see* Hou Zhijian 50561
Wu Jo-Yu *see* Jo-Yu Wu
Wu Ju *see* Zhang Jun 58576
Wu Jun, Zhong Jiangfeng, Yao Zhishang, Wang Weiying Plated through hole linking technology of microstrip circuit basing on TEFLON material 53549
Wu Jung-Shyr *see* Jung-Shyr Wu
Wu Junhua *see* Wen Minghua 35676
Wu Junjie, Wang Yeping WNT-8000 new generation integrated dispatching automation system. I. Summary and survey 38281
Wu JunRu *see* JunRu Wu
Wu Junyong, Cheng Shijie A new approach to SSR problem in power system with HVDC 38279
Wu Jya-Syin *see* Jya-Syin Wu
Wu Jyh-Chiarng *see* Jyh-Chiarng Wu
Wu Ke-Li *see* Ke-Li Wu
Wu Kenong *see* Kenong Wu
Wu Kim Sang *see* Sang Wu Kim
Wu Kou-Tan *see* Kou-Tan Wu
Wu Kuang-Shyr *see* Kuang-Shyr Wu
Wu Kuang-Yi *see* Kuang-Yi Wu
Wu Kuen-Hsien *see* Kuen-Hsien Wu
Wu Kun-Hsien *see* Kun-Hsien Wu
Wu Kuo-Guan *see* Kuo-Guan Wu
Wu Leejay *see* Leejay Wu
Wu Lenan *see* Lenan Wu
Wu Li *see* Zheng Chaosi 3790
Wu Licai Some comments for the applications of single chip computers in nuclear instruments 59101
Wu Lide *see* Liu Wenping 5264
Wu Lie *see* Lie Wu
Wu Lin-Kun *see* Lin-Kun Wu
Wu Lingan *see* Li Juan 24046
Wu Linghui *see* Linghui Wu
Wu Liwen *see* Liwen Wu
Wu Lixue *see* Lixue Wu
Wu Lu, Ning Gu, Yu Wei, Yangchao Tian Ultrathin resist film patterning using a synchrotron radiation lithography system 42800
Wu Mai *see* Mai Wu
Wu Meng-Chyi *see* Meng-Chyi Wu
Wu Mengchyi *see* Wang Jyhming 41946
Wu Min-Xian *see* Min-Xian Wu
Wu Min-You *see* Min-You Wu
Wu Ming-Shan *see* Ming-Shan Wu
Wu Mingcho *see* Mingcho Wu
Wu Mingu *see* Mingu Wu
Wu Minxian *see* Minxian Wu

Wu Mount-Learn *see* Mount-Learn Wu
Wu Mu-Shiang *see* Mu-Shiang Wu
Wu Nailong Proposed High Order Harmonic Interferometer for aperture synthesis radio telescope 27119
Wu Pan *see* Pan Wu
Wu Peiheng, Wang Huabing, Cheng Qiheng, Xu Weiwei Harmonic frequency mixing at millimeter waveband using high T_c Josephson junction 13501
Wu Peiheng *see* Jin Biaobing 55146
Wu Peiheng *see* Yu Tiejun 13524
Wu Peiji *see* Liu Shenggao 31902
Wu Peijun *see* Huang Mingqiang 32908
Wu Pengfei, Gong Xiong, Zhang Guilan, Tang Guoqing, Chen Wenju Real-time and permanent holographic storage and erasion in organic azo films 14467
Wu Pengfei *see* Pengfei Wu
Wu Ping, Lin Youyi Study of real-time structural health monitoring system with fiber-optic sensors 58773
Wu Ping *see* Wang Yuzhi 23756
Wu Po-Cheng *see* Po-Cheng Wu
Wu Qi *see* Qi Wu
Wu Qiang *see* Qiang Wu
Wu Qihui, Xu Xiao Lin Voice detection in high noise battle environment 56414
Wu Qiming *see* Qiming Wu
Wu Qing, Shen Xueqin, Yang Qingxin, Yan Weili Using wavelet neural networks for the optimal design of electromagnetic devices 51389
Wu Qing *see* Qing Wu
Wu Qiuwen *see* Qiuwen Wu
Wu Quande *see* Zhang Gengmin 37196
Wu Qun, Ma Hanyan, Sun Daoli Present status and future trends in planar antennas 24600
Wu Qun, Qiu Jinghui, Deng Shaofan An integrated low-noise block downconverter 6691
Wu Ri-Xing *see* Ri-Xing Wu
Wu Ronghan *see* Ronghan Wu
Wu Ruey-Beei *see* Ruey-Beei Wu
Wu Ruixin *see* Jin Biaobing 55146
Wu Ruixin *see* Ruixin Wu
Wu Sau-Mou *see* Sau-Mou Wu
Wu Shao-Po *see* Shao-Po Wu
Wu Shao-Rong *see* Jiang Sheng-Yao 38540
Wu Shaorong *see* Bo Hanliang 38498
Wu Shaorong *see* Jia Haijun 38497
Wu Sheng *see* Sheng Wu
Wu Sheng-Lin *see* Sheng-Lin Wu
Wu Shianling *see* Shianling Wu
Wu Shih-Jeh *see* Shih-Jeh Wu
Wu Shimin *see* Li Youfen 22269
Wu Shin-Tson *see* Shin-Tson Wu
Wu Shinn-Tyan *see* Shinn-Tyan Wu
Wu Shiqi *see* Hu Jianhao 6685
Wu Shiqi *see* Wu Xiaowen 16059
Wu Shixiong *see* Ye Bing 58984
Wu Shuchao, Fan Shuhua, Luo Jun Measurement of variation of temperature with infrared shadow sensor 27958
Wu Shudong *see* Shudong Wu
Wu Shun *see* Shun Wu
Wu Shuyun *see* Shuyun Wu
Wu Shye Lin *see* Shye Lin Wu
Wu Siliang, Sun Shenghe, Ma Shufen The composite state-space representation and parameter estimation of two-dimensional damped/undamped harmonics 15314
Wu Suo *see* Hu Guangrui 14865
Wu Ta-Chung *see* Ta-Chung Wu
Wu Tai-Bor *see* Tai-Bor Wu
Wu Tain-Shun *see* Tain-Shun Wu
Wu Tianzu *see* Tianzu Wu
Wu Tsong-Ho *see* Tsong-Ho Wu
Wu Tsung-Cheng *see* Tsung-Cheng Wu
Wu Tsung-Yi *see* Tsung-Yi Wu
Wu Tzong-Chen *see* Tzong-Chen Wu
Wu Tzong-Lin *see* Tzong-Lin Wu
Wu Wei *see* Wei Wu
Wu Wei Shen *see* Wei Shen Wu
Wu Wei-Ling *see* Wei-Ling Wu
Wu Weihan *see* Ma Weimin 58957
Wu Weishu *see* Weishu Wu
Wu Wen, Yang Quanrang, Gu Hong, Zhou Jianyi The neural network model of microstrip discontinuity 14688
Wu Wen-Biao *see* Wen-Biao Wu
Wu Wen-Bin *see* Wen-Bin Wu
Wu Wen-Chiang *see* Wen-Chiang Wu
Wu Wen-Rong *see* Wen-Rong Wu
Wu Wenbiao *see* Wenbiao Wu
Wu Wengang *see* Zeng Zheng 54594
Wu Wenge *see* Jiang Mingzhen 58789
Wu Wenhai *see* Sang Wenbin 10683
Wu Wenhai *see* Sang Wenbin 30701
Wu Wenhu *see* Zheng Fang 45662
Wu Xi-Jun *see* Xi-Jun Wu
Wu Xiafei, Wang Yuncheng, Ji Jingyu Least square registration of multiradar data 58430
Wu Xiangbing, Ye Yukang, Yu Tufa, Ji Xiaoming, Zhang Wei, Zhang Wenhui L-band GaAs monolithic low noise amplifier 1722
Wu Xianping, Liao Fujiang Recent development of vacuum MM wave device in P.R. China 53989
Wu Xiaochun *see* Xiaochun Wu
Wu Xiaodong, Li Yongming, Chen Hongyi A speech coding algorithm based on wavelet transform 56412
Wu Xiaohua *see* Xiaohua Wu
Wu Xiaolin *see* Xiaolin Wu
Wu Xiaoqun *see* Xiaoqun Wu
Wu Xiaowen, Huang Shunji, Li Lemin, Wu Shiqi Performance research on PRMA with priority and adaptability 16059
Wu Xin-Xin *see* Jiang Sheng-Yao 38540
Wu Xing *see* Xing Wu
Wu Xingping *see* Wu Yusheng 50371
Wu Xinzhang *see* Xinzhang Wu
Wu Xiucheng *see* Xiucheng Wu
Wu Xunwei *see* Xunwei Wu
Wu Yanjun, Xu Jingping, Zhao Yan, Wang Jing, Wang Bo, Cheng Jingzhi Time-frequency analysis of the second heart sound signals 59431
Wu Yanwei, Zhao Chuihui, Sun Shenghe The heart sounds analysis using the WATA 37744
Wu Yanwei *see* Sun Shenghe 15209
Wu Yecheng *see* Yecheng Wu
Wu Yekai, Zou Dongxia A project of high sensitivity transverse differential protection for generator 60648
Wu Yi, Yang Zude, Kong Zhimin, Zhu Wenting A method for solving pseudo digital input in SCADA systems 38288
Wu Yi-Jang *see* Yi-Jang Wu
Wu Yin Xia *see* Xia Wu Yin
Wu Ying *see* Song Yaozu 36954
Wu Ying-Wah *see* Ying-Wah Wu
Wu Yong-Jun *see* Yong-Jun Wu
Wu Youshou *see* Youshou Wu
Wu Yu-Liang *see* Yu-Liang Wu
Wu Yuejian *see* Yuejian Wu
Wu Yun *see* Zhou Xianlin 19591
Wu Yusheng, Wang Mingjun, Yang Qiuheng, Wu Xingping, Zhao Jun, Jiang Jianmin, Cao Lianjun, Sun Chao An object-oriented, open system architecture based EMS/DMS supporting environment 50371
Wu Yuyan *see* Yuyan Wu
Wu Yuying *see* Yuying Wu
Wu Zhaohui *see* Zhao Yunlong 37476
Wu Zhen-Sen *see* Zhang Xiang-Dong 58478
Wu Zheng *see* Zheng Wu
Wu Zhensen *see* Xu Liang 45439
Wu Zhiming *see* Zhiming Wu
Wu Zhipeng *see* Zhipeng Wu
Wu Zhiqing *see* Zhiqing Wu
Wu Zhong, Xu Zhenlin, Wang Xiuzhi, Jiang Wei Optimal control of commutation in brushless DC servo machines 51043
Wu Zhong-Li *see* Xu Hu-Shan 18113
Wu Zhonghua *see* Zhonghua Wu
Wu Zhongkong *see* Zhongkong Wu
Wu Zhongyue *see* Zhang Yimin 8982
Wu Ziming *see* Ziming Wu
Wu Zuoguo *see* Zuoguo Wu
Wu-Chih Hu *see* Hsin-Teng Sheu 46274
Wu-Chun Chou *see* Neifeld, M.A. 32994
Wu-Shiung Feng *see* Bin-Yen Ma 51655
Wu-Shiung Feng *see* Molin Chang 21634
Wu-Shun Jwo *see* Chih-Wen Liu 50476
Wu-Tung Cheng *see* Oomman, B.G. 40982
Wu-Yang Tsai *see* Huddleston, J.N. 8451
Wuang Qingbing *see* Qingbing Wuang
Wubbenhorst, M., Hornsby, J., Bulinski, A., Bamji, S., Stachen, M., Das-Gupta, D.K. Spatial distribution of polarization in polyethylene, AC aged in humid environment 54967
Wubbenhorst, M. *see* Schuddeboom, W. 188
Wudkiewicz, A., Zalewska, E., Maliszewski, J., Michna, J., Zuk, M. Telecommunications services market in Poland by 2010: Demand forecast and selected aspects of infrastructure development 16151
Wuensch, W. *see* Dehler, M. 49057
Wuenstel, K. *see* Bunse, S. 16122
Wuerker, R.F. Bistatic liquid mirror telescope lidar alignment 58481
Wuertele, D. *see* Kobayash, T. 1455
Wufan Chen *see* Chen Wufan
Wuidart, L. *see* Ravon, J.-M. 9515
Wuilmart, L. *see* Vandroogenbroek, M. 6777
Wujek, J.H. Must engineers behave heroically? 20383
Wujiu Li *see* Chan, D.T.W. 29927
Wulf, W.A. Look in the spaces for tomorrow's innovations 39567
Wulff, S. *see* Yassin, G. 48200
Wulff, T. *see* Henten, A. 16145
Wulff, U. *see* Haverkamp, J. 8787
Wulischleger, V. *see* Cohen, C.E. 60003
Wulleman, J. Low-powered 2.1 μs binary delay line in radiation hard SOI-BiCMOS technology 2845
Wunder, B. *see* Lehmann, G. 11088
Wunderlich, H.-J., Kiefer, G. Bit-flipping BIST 11356
Wunderlich, H.-J. *see* Hellebrand, S. 40985
Wunderlich, S. *see* Weidl, R. 49568
Wunderlich, W. *see* Kristiansen, G. 49436
Wundke, K. *see* Gutowski, J. 23917
Wung, P. *see* Mahn, J. 29279
Wunnava, S.V., Hoo, P. Remote Instrumentation Access and Control (RIAC) through internetworking 57879
Wunsch, A. *see* Schwindt, H.-J. 61354
Wunsch, C. *see* Ganachaud, A. 50036
Wunsch, C. *see* Stammer, D. 8502
Wunsch, C.I. *see* Fieguth, P.W. 60080
Wunsch, D. II. *see* Petrosian, A. 28350
Wunsch, G., Schulz, H.G. Elektromagnetische Felder 2. rev. ed. (Electromagnetic fields. 2nd revised edition) 20305
Wunsche, H.-J. *see* Bandelow, U. 55644
Wunsche, H.-J. *see* Rehberg, J. 33579
Wunsche, H.-J. *see* Sartorius, B. 23965
Wunsche, H.J. *see* Henneberger, F. 55636
Wunstel, K., Laube, G., Idler, W., Daub, K., Lach, E., Dutting, K., Klenk, M., Schilling, M. High speed and polarisation insensitive interferometric wavelength converters by MQW optimisation 36083
Wunstel, K. *see* Idler, W. 24131
Wunstel, K. *see* Masetti, F. 26444
Wunstel, K. *see* Mikkelsen, B. 26895
Wuosmaa, A.H. *see* Back, B.B. 7832
Wupen Yuen *see* Li, M.Y. 55610
Wurden, G.A., Peterson, B.J., Sudo, S. Design of an imaging bolometer system for the large helical device 36662
Wurden, G.A. *see* Allen, A.J. 36346
Wurfl, J., Janke, B., Nebauer, E., Thierbach, S., Wolter, P. High temperature MESFET based integrated circuits operating up to 300°C 43343
Wursching, E. *see* Geist, T. 36873
Wurst, K. *see* Lancor, L. 20699
Wurst, K. *see* MacKay, B. 20599
Wurster, R.D. *see* Robinson, C.J. 49796
Wurtele, J. *see* Palmer, R.B. 17924
Wurtele, J. *see* Palmer, R.B. 17966
Wurtele, J.S. *see* Lin, L.C.-L. 37194
Wurtele, J.S. *see* Wen-Hao Cheng 17937
Wurth, B. *see* Legl, C. 11418
Wurthwein, F., Strohman, C., Honscheid, K., Staeck, J. A CBLT and MCST capable VME slave interface 59342
Wurtz, A. *see* Remy-Jardin, M. 37640
Wurtz, F., Richomme, M., Bigeon, J., Sabonnadiere, J.C. A few results for using genetic algorithms in the design of electrical machines 50914
Wurtz, F. *see* Bouche, J.M. 60883
Wurzenberger, R. A road pricing system based on infrared short range communication 58768
Wurzer, M., Felder, A., Popp, J., Bock, J. 20 Gb/s silicon bipolar XOR gate for optical transmission systems 23621
Wurzer, M. *see* Bok, J. 1726
Wurzer, M. *see* Treitinger, L. 13114
Wurzer, M. *see* Treitinger, L. 22952
Wus, J., Li, W. An interframe vector wavelet coding technique 56872
Wus, J.P. *see* Weiping Li 35188
Wus, J.P. *see* Weiping Li 56952
Wushow Chou *see* Bragg, A.W. 46551
Wust, H. *see* Kasper, K. 24877
Wust, M., Buchmaier, N. The design and manufacture of China's largest Francis units 29137
Wust, P., Seebass, M., Nadobny, J., Deuflhard, P., Monich, G., Felix, R. Simulation studies promote technological development of radiofrequency phased array hyperthermia 8092
Wust, P. *see* Berger, J. 17719
Wuthrich, S. *see* Jost, G. 41798
Wutte, D. *see* Lee, Y. 49297
Wutte, D. *see* Lee, Y. 49306
Wutte, D. *see* Lee, Y. 49309
Wuttig, M. *see* Partovi, A. 3354
Wuttisittikulkij, L., O'Mahony, M.J. Use of spare wavelengths for traffic restoration in multi-wavelength transport network 6841
Wuttisittikulkij, L., O'Mahony, M.J. A simple algorithm for wavelength assignment in optical networks 26762
Wutu Wang, Yihong Qi, Litva, J. Power pattern error compensation method for SAR phased-array application 34464
Wutzmann, R. *see* Povh, D. 9457
Wuu, D.S. *see* Horng, R.H. 32087
Wuu, G. *see* Kan-Yuan Lee 54644
Wuu, S.G. *see* Lee, K.Y. 21658
Wuu Sou Gow *see* Sou Gow Wuu
Wuu-Wen Lin *see* Shih-Chu Huang 36634
Wuudiann Ke Backplane interconnect test in a boundary-scan environment 31239
Wuxu Peng Deadlock detection in communicating finite state machines by even reachability analysis 46801
Wuxu Peng, Makki, K. On reachability and reverse reachability analysis of communicating finite state machines 46791
Wuyong Xia *see* Xia Wuyong
Wuytack, S., Catthoor, F., De Man, H. Transforming set data types to power optimal data structures 21437
Wuytack, S., Catthoor, F., Nachtergaele, L., De Man, H. Power exploration for data dominated video applications 15733
Wuyts, K., Boel, R.K. A matrix geometric algorithm for finite buffer systems with B-ISDN applications 35779
Wuyts, T., Van Eycken, L. Segmentation-based coding for very low bit-rates 56877
Wuzhu Cheng *see* Cheng Wuzhu
Wyant, F.J. *see* Luchau, D.W. 18695
Wyant, J.C., Schmit, J. Computerized interferometric measurement of surface microstructure 7648
Wyard-Scott, L., Meng, Q.-H.M. Use of image warping techniques to correct and interpret infrared sensor data for navigation 15742

Wyatt, K. *see* Hu, K.X. 22111
Wyatt, K.W. *see* Wu, S.X. 39758
Wyatt, L.R., Ledgard, L.J., Webster, S., Kingsley, S.P. An evaluation of the OSCR HF radar system for ocean wave measurement 50151
Wyatt, L.R. *see* Vizinho, A. 50128
Wyatt, R. *see* Percival, R.M. 26817
Wyatt, R. *see* Timofeev, F.N. 48022
Wybourne, M.N., Smith, J.C., Berven, C., Ramasubramaniam, R., Goodnick, S.M. Instabilities in quantum point contact structures 32466
Wybourne, M.N. *see* Smith, J.C. 12478
Wyczalek, F.A. Hybrid electric vehicles in Europe and Japan 29833
Wyczalek, F.A. Hybrid electric vehicles (EVS-13 Osaka) 39305
Wyder, P. *see* Dorfman, S. 10967
Wyder, P. *see* Franse, J.J.M. 4191
Wydro, K.B. *see* Katanski, R. 46837
Wyk, D.J.van *see* van Wyk, D.J.
Wyk, G.N.van *see* van Wyk, G.N.
Wyk, J.Daan van *see* Daan van Wyk, J.
Wyk, J.D.van *see* van Wyk, J.D.
Wyk, L.Van *see* Van Wyk, L.
Wylie, B. *see* Csillag, F. 8415
Wylie, M.P., Holtzman, J. The non-line of sight problem in mobile location estimation 47768
Wylie, M.P., Roy, S. Virtual array processing using wideband cyclostationary signals 4879
Wylie, M.P., Roy, S. Improved spatial resolution of wideband cyclostationary signals by virtual array processing 34896
Wyllie, K.H. *see* Beringer, J. 37394
Wyman, B.F. *see* Chren, W.A., Jr. 21532
Wyman, D.R. A source localization principle for linear shift-invariant systems with application to point optical and radioactive sources 49367
Wyman, W.F. *see* Paglia, J.G. 50285
Wynands, R., Schmidt, O., Meschede, D. Precision measurements with coherent dark resonances 7147
Wynands, R. *see* Brandt, S. 27229
Wynen, J. *see* Roberts, J.W. 35151
Wynn, J. *see* Brener, I. 11677
Wynn, J. *see* Partovi, A. 3354
Wynn, J.D. *see* Shire, D.B. 6722
Wynn, R. *see* Fang-Fang Yin 28159
Wyns, A. *see* Bogaerts, D. 51211
Wyon, C. *see* Faure, N. 14040
Wyon, C. *see* Faure, N. 23871
Wypij, D. *see* Helmers, S.L. 59639
Wyrick, C., Pinkus, C., Caenepeel, C. Team building and project planning catalysts for engineering interdisciplinary clinic 20716
Wyrsch, N. *see* Fischer, D. 39129
Wyslocki, B. *see* Plusa, D. 3148
Wyslocki, B. *see* Zbroszczyk, J. 23308
Wyslocki, B. *see* Zbroszczyk, J. 23309
Wysmolek, A. *see* Suski, T. 21220
Wysocka, A. Physical aspects of stereotactic radiosurgery with application of the linear accelerator ARC method 18507
Wysocki, M. *see* Kwolek, B. 5223
Wysocki, M. *see* Podsiadlo, M. 7357
Wysocki, P.F., Namkyoo Park, DiGiovanni, D. Dual-stage erbium-doped, erbium/ytterbium-codoped fiber amplifier with up to +26-dBm output power and a 17-nm flat spectrum 3728
Wysocki, P.F. *see* Hansen, P.B. 26730
Wysocki, P.F. *see* Park, N. 3714
Wysocki, S. *see* Hodyr, K. 43522
Wysocki, S. *see* Kroh, J. 8926
Wyss, G.D., Schriner, H.K., Gaylor, T.R. Probabilistic logic modeling of network reliability for hybrid network architectures 57823
Wyss, M. *see* Lu, Z. 60017
Wyss, R.A. *see* Qing Hu 13050
Wyszynski, A. *see* French, M. 59032

Xa Yi *see* Yi Xa
Xans, P. *see* Ding, Z.S. 36415
Xanthopoulos, T. *see* Chandrakasan, A. 11476
Xanthoulis, E. *see* Ioannidis, G. 51332
Xaoli Li *see* Ludman, J.E. 61086
Xapsos, M.A. Hard error dose distributions of gate oxide arrays in the laboratory and space environments 21699
Xapsos, M.A., Summers, G.P., Shapiro, P., Burke, E.A. New techniques for predicting solar proton fluences for radiation effects applications 28566
Xapsos, M.A. *see* Summers, G.P. 38002
Xavier, C. *see* Cremades, A. 31823
Xavier, J.E.Mendonca *see* Mendonca Xavier, J.E.
Xavier, P. Monitoring telecommunications deregulation through international benchmarking 5908
Xavier, P., Rauly, D., Daulle, A. A principle of a hybrid microwave power sensor based on thermometric measurements 58962
Xhomo, E. *see* Bray, A. 7597
Xhongshu Shao *see* Shao Xhongshu
Xi, J., Chicharo, J.F. A new structure for the running discrete Hartley transform 4857
Xi, J.G., Dai, W.W.-M. Jitter-tolerant clock routing in two-phase synchronous systems 11546
Xi Bingchueng *see* Feng Zhenghe 58461
Xi Chen, Dai-Ning Fang, Keh-Chih Hwang A mesoscopic model of the constitutive behaviour of monocrystalline ferroelectrics 52862
Xi Hongsheng *see* Hongsheng Xi
Xi Jiangtao *see* Jiangtao Xi
Xi Jingtao *see* Jingtao Xi
Xi Li *see* Li Xi
Xi Ning *see* Ning Xi
Xi Shiquan *see* Cui Haining 39189
Xi Shitong *see* Lu Wancheng 50736
Xi Xuemei, Li Yingxue, Zhao Qingtai, Wang Yangyuan, Lin Chenglu Dose optimization study in SIMOX substrates 12680
Xi Yao *see* Donglin Li 52861
Xi Yao *see* Yao Xi
Xi Yingzhu FDNR simulated activé LPF and its optimized design 53412
Xi Yugeng *see* Yun Weimin 10402
Xi Zhang *see* Gao Mingyuan 31828
Xi Zhang *see* Zhang Xi
Xi Zhengping *see* Li Chengshan 32890
Xi-Cheng Zhang *see* Qi Wu 58711
Xi-De Xie *see* Xie Xi-De
Xi-Hua Zhong *see* Zhong Xi-Hua
Xi-Jun Wu *see* Guo-Long Tan 27717
Xi-Jun Yu *see* Yu Xi-Jun
Xi-Ming Chen *see* Yi-Mo Zhang 46393
Xi-Ren Cao Potential based sensitivity analysis of Markov chains 30466
Xi-Sheng Fang *see* Nayar, S.K. 46317
Xi-Wei Lin *see* Bothra, S. 42707
Xi-Ying Chen *see* Xian-An Cao 32369
Xi-Ying Chen *see* Xun Wang 2357
Xia, A.D., Fu, S.J., Hong, Y.L., Tian, Y.C., Hu, Y.G., Zhang, X.Y., Lu, J., Li, F.Q. Ultrafine pattern X-ray mask fabricated using the sidewall method 2498
Xia, F. On contour invariants: relationship and application 5358
Xia, G., Wu, Z., Chen, J., Sun, N. Studying actively mode-locked semiconductor lasers with travelling wave rate equations 33529
Xia, G., Wu, Z., Chen, J., Zhou, X. Carrier lifetime and high-speed modulation of semiconductor lasers 55685
Xia, G. *see* Chen, J. 55458
Xia, G. *see* Wu, Z. 23889
Xia, G. *see* Wu, Z. 23890
Xia, G. *see* Wu, Z. 44164
Xia, G. *see* Wu, Z. 55686
Xia, H. *see* Koutzarov, I.P. 22585
Xia, H. *see* Rodriguez-Fernandez, L. 2390
Xia, H.H. *see* Dongsoo Har 47769
Xia, H.R., Wang, C.J., Chen, H.C., Lu, X.L. Photorefractive properties of manganese-modified potassium sodium strontium barium niobate crystals 33732
Xia, L.Q. *see* Zhou, S.Q. 28564
Xia, Q. *see* Song, Y.H. 19191
Xia, S., Liu, J., Chen, S., Han, J.H., Wang, L., Cui, D.F. Novel vacuum microelectronic pressure sensor with stepped cathode emission array 36529
Xia, T., Dogariu, A., Mansour, K., Hagan, D.J., Said, A.A., Van Stryland, E.W., Shi, S. Nonlinear optical properties of the inorganic metal cluster $Mo_2Ag_4S_8(PPh_3)_4$ 24226
Xia, T., Hagan, D.J., Said, A.A., Wajsgrus, A., Yang, S., Kovsh, D., Van Stryland, E.W. High-performance liquid-based passive optical limiter 4092
Xia, T. *see* Said, A.A. 24227
Xia, T.J. *see* Andersen, J.K. 33024
Xia, X., Shi, Y.Q. A thresholding hierarchical block matching algorithm for motion estimation 5154
Xia, X., Shi, Y.Q. A multiple attributes algorithms to compute optical flow 35347
Xia, X., Shi, Y.Q. A new multiresolution block matching algorithm for motion estimation in video coding 35355
Xia, X. *see* Shi, Y.Q. 56696
Xia, X.-G. Applications of nonmaximally decimated multirate filterbanks in intersymbol interference cancellation 25172
Xia, X.-G., Zhang, L. Malvar wavelets on sphere 25067
Xia, Y., Matoba, S., Nakamura, Y. Characteristics analysis of electrical torque for nonlinear excitation systems 60233
Xia, Y. *see* Yoshio, M. 60989
Xia, Y.Q. *see* Kezunovic, M. 28936
Xia Boji *see* Wang Zhangqi 19887
Xia Chang-Tai *see* Chang-Tai Xia
Xia Daozhi *see* Liu Yutian 28773
Xia Daozhi *see* Wang Weisheng 28740
Xia Deshen, Li Hua, Qiu Yong The SVD spectral feature of image processing 35025
Xia Guanqun *see* Zhao Jianlong 11254
Xia Hui *see* Hui Xia
Xia Jian-Bai *see* Jian-Bai Xia
Xia Jianbai *see* Sheng Weidong 43164
Xia Jinan, Zhang Yaoning, Cheng Zuhai, Qiu Junlin Experimental study on the deformation of copper mirrors in a high power laser system 3941
Xia Jun, Liang Changhong Measurement of complex permittivity of multilayered dielectric samples by means of an electromagnetic open resonator 17739
Xia Ling, Lu Weixue, Duan Yunsuo Microcomputer-based cardiac arrhythmia simulation model 49659
Xia Ling *see* Lu Weixue 49656
Xia Renxin *see* Renxin Xia
Xia Shaowei, Huang Danggui, Zhou Liying Coal rational use and energy environment issues in China 28993
Xia Tiejun *see* Tiejun Xia
Xia Weishi *see* Weishi Xia
Xia Wu Yin *see* Huang Lin Gyi 53157
Xia Wuyong *see* Xu Lihua 25960
Xia Xiang-Gen *see* Xiang-Gen Xia
Xia Xiao-Wei *see* Xiao-Wei Xia
Xia Yang *see* Yang Xia
Xia Ye *see* Ye Xia
Xia Yi-Ben, Mo Yao-Wu, Wang Yu, Huang Xiao-Qin, Chen Da-Ming, Wang Hong Nucleation mechanism of polycrystalline diamond film deposited on ceramic alumina by microwave plasma chemical vapor deposition 855
Xia Yongyao *see* Yongyao Xia
Xia Younan *see* Younan Xia
Xia Yunjun Theory and practice of the stereo-view on the CRT screen 15835
Xia Zhongfu *see* Lin Huamao 54900
Xia Zhongfu *see* Zhongfu Xia
Xia Zong-Guo *see* Zong-Guo Xia
Xia Zonghuang, Li Yan, Shen Diyun, Wang Xuemei, Ma Xiaoyan, Shen Dezhong, Wang Kuiru Formation of optical waveguides in $KNbO_3$ by MeV boron ion implantation 44012
Xia Zongju *see* Shen Yuquan 14251
Xia Zongju *see* Wang Congfangg 33610
Xia-Bin Jing *see* Jing Xia-Bin
Xiabin Jing *see* Jing Xiabin
Xiafei Fu *see* Fu Xiafei
Xiafei Wu *see* Wu Xiafei
Xiahui Yang *see* Yang Xiahui
Xialing Guan *see* Guan Xialing
Xialing Shen *see* Shen Xialing
Xian Lin Dong *see* Da Zhi Sun 2900
Xian She Shou *see* Shou Xian She
Xian Tao *see* Tao Xian
Xian-An Cao, Xiao-Yuan Hou, Xi-Ying Chen, Zhe-Shen Li, Run-Zhou Su, Xun-Min Ding, Xun Wang Passivation of GaAs/AlGaAs heterojunction bipolar transistors by S_2Cl_2 solution 32369
Xian-Da Zhang *see* Chaung-Bai Xiao 4652
Xian-Yi Lu *see* Lu Xian-Yi
Xian-Yu Su *see* Ji-Tao Li 58985
Xian-Yu Su *see* Jie-Lin Li 36887
Xianbi Xiang *see* Xiang Xianbi
Xianbing Liu *see* Liu Xianbing
Xianbo Liao *see* Liao Xianbo
Xiancan Deng *see* Deng Xiancan
Xianchun Yu *see* Yu Xianchun
Xiande Liu *see* Liu Xiande
Xianfeng Chen *see* Lifu Gong 55258
Xianfeng Yu *see* Yu Xianfeng
Xiang, A.J. *see* Jacobsson, H. 40399
Xiang, H. *see* Zheng, D. 34511
Xiang, J. *see* Jacobsson, H. 12311
Xiang, Q., Xu, A., Wu, D., Xie, L. The calculation of power penalty in "WDM+EDFA" system due to stimulated Raman scattering 26680
Xiang, Q., Xu, A., Wu, D., Xie, L. Impact of ASE noise of optical amplifier on PIN-receiver and calculation of bit-error rate 26681
Xiang, Q. *see* Ghamaty, S. 32047
Xiang, Q. *see* Xu, A. 26679
Xiang, S.H., Zhang, Y.T. Simultaneous noise reduction and data compression for three-dimensional ultrasound image reconstruction 49539
Xiang, X.B. *see* Li, B. 9559
Xiang, X.M. *see* Guo, B. 21159
Xiang Bingheng *see* Bingheng Xiang
Xiang Cai *see* Cai Xiang
Xiang Cailan, Zen Quan, Fu Jianjun, Chen Tianxin Design and development of VLSI-CAM system 162
Xiang Cui *see* Jiansheng Yuan 44944
Xiang Cui *see* Cui Xiang
Xiang Dang, Jin Zhenhong, Li Ying Analysis of transverse mode distribution in microchip laser active cavity 23860
Xiang Dong *see* Dong Xiang
Xiang Gui, Tung Sang Ng Performance of DS SS system under on-off wideband jamming 47562
Xiang Haige *see* Cao Yewen 58123
Xiang Huang Han *see* Huang Han Xiang
Xiang Hui *see* Zhao Yu 16404
Xiang Jianyong *see* Wang Lijun 5266
Xiang Jianyong *see* Wang Lijun 5267
Xiang Lan Xiang, Zhang Zhong Sheng A low-temperature zirconia oxygen gauge based on new oxide composite electrodes 48725
Xiang Li *see* Young, R.E. 29541
Xiang Lin Yang *see* Hong Li 44396
Xiang Lin Yang *see* Yang Xiang Lin
Xiang Liu *see* Liu Xiang
Xiang Lu, Kumar Iyer, S.S., Jingbao Liu, Chenming Hu, Cheung, N.W., Jing Min, Chu, P.K. Separation of plasma implantation of oxygen to form silicon on insulator 54334
Xiang Niande *see* Sun Hongbin 28795
Xiang Peng *see* Peng Xiang
Xiang Qian Jiang *see* Jiang Xiang Qian
Xiang Qiangsheng *see* Huang Zhaoming 14260
Xiang Qiangsheng *see* Zhang Kan 47902

Xiang Qing *see* Ruan Yinglan 33044
Xiang Qing *see* Yu Guohua 44156
Xiang Qing *see* Qing Xiang
Xiang Shiqing, Lou Qihong, Dong Jingxing, Mang Yanping, Wang Zhijiang Generation of 1 ns excimer laser output pulse by direct wave clipping 33376
Xiang Wang *see* Ke-Ming Wang 23532
Xiang Wei, Shaw, M.J., Varley, M.R. Efficient implementation of Koilpillai-Vaidyanathan pseudo quadrature mirror filter (PQMF) banks 14855
Xiang Xianbi, Liao Xianbo, Du Wenhui, Li Biao, Chang Xiulan Proton irradiation effects on high efficient AlGaAs/GaAs solar cells 20030
Xiang Xiang Lan *see* Xiang Lan Xiang
Xiang Xu Chuan *see* Xu Chuan Xiang
Xiang Yongqing *see* Yongqing Xiang
Xiang Zhang, Grigoropoulos, C.P., Krajnovich, D.J., Tam, A.C. Excimer laser projection micromachining of polyimide thin films annealed at different temperatures 20872
Xiang Zhou *see* Zhou Xiang
Xiang-dong Hou On the norm and covering radius of the first-order Reed-Muller codes 56330
Xiang-Dong Liu *see* Fei Lu 33077
Xiang-Dong Zhang *see* Zhang Xiang-Dong
Xiang-Fei Chen *see* Yan-Qing Lu 4067
Xiang-Fei Chen *see* Chen Xiang-Fei
Xiang-Gen Xia Fractional delay filter design when sampling rate higher than Nyquist rate 34773
Xiang-Gen Xia Applications of nonmaximally decimated multirate filterbanks in partial response channel ISI cancellation 35396
Xiang-Gen Xia, Geronimo, J.S., Hardin, D.P., Suter, B.W. Why and how prefiltering for discrete multiwavelet transforms 15371
Xiang-Gen Xia, Owechko, Y., Soffer, B.H., Matic, R.M. On generalized-marginal time-frequency distributions 4649
Xiang-Gen Xia, Owechko, Y., Soffer, B.H., Matic, R.M. Generalized-marginal time-frequency distributions 45778
Xiang-Hong Gao *see* Hui-Qing Shao 22905
Xiang-Jun Wang *see* Wang Xiang-Jun
Xiang-Ming Li *see* Fu-Chang Ruan 17558
Xiang-Ning Li, Jing-Ming Jong, Martin, R.W., Detmer, P.R., Legget, M.E., Bashein, G., Leotta, D.F., Sheehan, F.H., Bolson, E.L., Otto, C.M. Volumetric reconstruction and visualization in three dimensional echocardiography: in vitro investigation 28127
Xiang-Rong Li *see* Xu Liang 19217
Xiang-Yi Lu *see* Lu Xiang-Yi
Xiangang Peng *see* Peng Xiangang
Xiangbao Xiong *see* Xiong Xiangbao
Xiangbing Wu *see* Wu Xiangbing
Xiangdong Chai *see* Chai Xiangdong
Xiangdong Chen *see* Yadong Jiang 52857
Xiangdong Liu, Ehrich, R. Analysis of moire patterns in non-uniformly sampled halftones 25476
Xiangdong Liu *see* Liu Xiangdong
Xiangdong Tan *see* Tan Xiangdong
Xiangdong Wang *see* Jiazong Zhang 34194
Xiangdong Xu *see* Xu Xiangdong
Xiangdong Yu *see* Ning Gu 42845
Xiangdong Zhang *see* Xue-Song Zhou 41433
Xiangfu Sun *see* Sun Xiangfu
Xianggang Yu, Hsu, C.S., Bamberger, R.H. H_∞ deconvolution filter design and its application in image restoration 46197
Xianggen Yin *see* Yin Xianggen
Xiangguang Li *see* Li Xiangguang
Xiangguo Lei *see* Lei Xiangguo
Xiangjiu Zhang *see* Zhang Xiangjiu
Xiangjun He, Si-Ze Yang, Kun Tao, Yudian Fan Investigation of the interface reactions of Ti thin films with AlN substrate 54516
Xiangjun He *see* He Xiangjun
Xianglin Yang *see* Yang Xianglin
Xiangning He, Finney, S.J., Williams, B.W., Zhao-Ming Qian Novel passive lossless turn-on snubber for voltage source inverters 29404
Xiangning Lin *see* Lin Xiangning
Xiangqian Tong *see* Tong Xiangqian
Xiangqing He *see* He Xiangqing
Xiangrong Li *see* Li Xiangrong
Xiangshi Guang *see* Guang Xiangshi
Xiangshun Lu *see* Lu Xiangshun
Xiangsu Zhang *see* Shou Liu 44801
Xiangsu Zhang *see* Zhang Xiangsu
Xiangtao Ying *see* Ying Xiangtao
Xiangwei Meng *see* You He 26961
Xiangwen Wang *see* Defu Cai 35009
Xiangwu Wang *see* Wang Xiangwu
Xiangxun Chen *see* Chen Xiangxun
Xiangyang Wang *see* Wang Xiangyang
Xiangyang Yang, Zhiqing Wen, Yu Xu Construction of Hadamard phase-codes for holographic memories 23455
Xiangyang Yang, Zhiqing Wen, Yu Xu, Nan Li Hadamard codes of $m=2^n$ in phase-code multiplexed holographic memories 23459
Xiangyang Yang *see* Zhiqing Wen 23451
Xiangyang Yang *see* Zhiqing Wen 23625
Xiangyang Yang *see* Zhiqing Wen 25273
Xiangyang Yang *see* Zhiqing Wen 25553
Xiangyang Yang *see* Zhiqing Wen 44135
Xiangyang Yang *see* Zhiqing Wen 46115
Xiangyao Lui *see* Lui Xiangyao
Xiangyin Cheng *see* Cheng Xiangyin
Xiangyuan Zheng *see* Zheng Xiangyuan
Xiangyun, T. *see* Jusheng, M. 10175
Xiangyun Ye *see* Ye Xiangyun
Xiangzhou Wang *see* Israeloff, N.E. 48830
Xianheng Liao *see* Liao Xianheng
Xianhua Wang *see* Wang Xianhua
Xianjia Wang *see* Wang Xianjia
Xianjie Li *see* Li Xianjie
Xiankui Wang *see* Wang Xiankui
Xianliang Li *see* Li Xianliang
Xianlin Zhou *see* Zhou Xianlin
Xianlong Hong *see* Hong Xianlong
Xianmin Yi, Shiuan Huei Lin, Pochi Yeh, Ken Yuh Hsu Contradirectional two-wave mixing with partially coherent waves in photorefractive crystals 4031
Xianmin Yi, Yeh, P. Cross-talk noise in volume holographic memory 23449
Xianmin Yi *see* Campbell, S. 4101
Xianmin Yi *see* Campbell, S. 4102
Xianming Chen *see* Chen Xianming
Xianming Ji *see* Ji Xianming
Xianming Qing *see* Qing Xianming
Xianming Zhao *see* Zhao Xianming
Xianping Wu *see* Wu Xianping
Xianpu Sun *see* Sun Xianpu
Xianqing Lu *see* Lu Xianqing
Xianshan Guo *see* Guo Xianshan
Xianshu Lin *see* Lin Xianshu
Xianwei Zhou *see* Zhou Xianwei
Xianwen Gao *see* Shujiang Li 38704
Xianwen Li *see* Li Xianwen
Xianxi Dai *see* Dai Xianxi
Xianxiang Li *see* Li Xianxiang
Xianxin Zhong, Guixiong Liu, Jianshu Li, Kai Li All-fiber compensation network with three couplers and its analysis 17460
Xianyou Zhang *see* Zhang Xianyou
Xianyun Wang *see* Wang Xianyun
Xianzhang Lei, Lerch, E., Povh, D., Kulicke, B. Optimization--a new tool in a simulation program system [for power networks] 60214
Xiao, D. *see* Arai, Y. 37267
Xiao, D. *see* Arai, Y. 37268
Xiao, F., Yabe, H. A new global optimization method and its application for CAD 52993
Xiao, G. *see* Rishton, S.A. 43606
Xiao, H. *see* Wang, C. 36627
Xiao, J.H., Hu, G., Zhilin Qu Synchronization of spatiotemporal chaos and its application to multichannel spread-spectrum communication 5678
Xiao, P., Shin, J., Soyuer, M., Stawiasz, K. A 500 MS/s 10-bit CMOS D/A converter 53355
Xiao, P. *see* Soyuer, M. 21950
Xiao, Q.F. *see* Sui, Y.C. 32877
Xiao, R.F., Sun, H.D., Siu, H.S., Zhu, Y.Y., Yu, P., Wong, G.K.L. Amorphous $KNbO_3$ thin films with ferroelectriclike properties 23098
Xiao, R.F. *see* Liao, H.B. 24076
Xiao, W.J. *see* Braunschweig, W. 7808
Xiao, X. *see* Fedotov, A.B. 14372
Xiao, Y., Wu, B., DeWinter, F., Sotudeh, R. High power GTO AC/DC current source converter with minimum switching frequency and maximum power factor 19838
Xiao, Y., Wu, B., Rizzo, S., Sotodeh, R. A novel power factor control scheme for high power GTO current source converter 29442
Xiao, Z., Engstrom, O., Vidovic, N. The influence of pressure on the optical properties of artificial microcavities in silicon 48606
Xiao Chaung-Bai *see* Chaung-Bai Xiao
Xiao Chengshan *see* Chengshan Xiao
Xiao Detao, Zhao Guizhi, Zuo Fuqi CR-39 SSNTD for thermal neutron measurement 37477
Xiao Di *see* Di Xiao
Xiao Dingquan *see* Dingquan Xiao
Xiao Dong Chen *see* Chen Xiao Dong
Xiao Dong Yang *see* Yang Xiao Dong
Xiao Feng, Zhu, X.X., Zheng, J.P. A practical exergy method for system analysis [of steam power plants] 29089
Xiao Fengchao *see* Fengchao Xiao
Xiao Gang *see* Gang Xiao
Xiao Gaoxi *see* Jiao Yongchang 2116
Xiao Gaoxi *see* Zhang Fushun 45366
Xiao Guohua *see* Guohua Xiao
Xiao Guozhen *see* Feng Dengguo 14846
Xiao Guozhen *see* Qi Ming 14847
Xiao Hong Zhang *see* Zhang Xiao Hong
Xiao Hua *see* Hua Xiao
Xiao Jianming, Liang Changhong Kirchhoff solution of fractally rough surface scattering 45105
Xiao Jing *see* Guo Jianbo 19262
Xiao Li *see* Li Xiao
Xiao Lin Xu *see* Xu Xiao Lin
Xiao Liu *see* Adali, T. 25224
Xiao Liu *see* Jianhua Xuan 25836
Xiao Liu *see* Ning Li 56247
Xiao Meiqin, Zhang Tianjue, Fan Mingwu The optical property research of stripping extraction of negative ion beam for type CYCIAE cyclotrons 59178
Xiao Min *see* Min Xiao
Xiao Ping *see* Li Wei 56811
Xiao Ping *see* Yuan Xin 53271
Xiao Puying *see* Jing Chunlei 2717
Xiao Qiang, Kuppurao, S., Yeckel, A., Derby, J.J. On the effects of ampoule tilting during vertical Bridgman growth: three-dimensional computations via a massively parallel, finite element method 10662
Xiao Rongrui *see* Rongrui Xiao
Xiao Shunping *see* Shunping Xiao
Xiao Tang *see* Senpeng Sheng 3612
Xiao Tong, Hasegawa, S., Ino, S. Structures and electrical conductance of the Si(111)-$\sqrt{3}\times\sqrt{3}$-Ag surface with additional Ag adsorption at low temperatures 32073
Xiao Wei Tu, Dubuisson, B. Improvement of 3-D position accuracy derived from weak perspective stereo vision using perceptron model 25682
Xiao Wei Tu *see* Ardebilian, M. 46051
Xiao Wei Tu *see* Faudemay, P. 46053
Xiao Weimin, Wang Jing, Yao Yan Utilising path-coherence to combat multipath and multiuser interference 45258
Xiao Wen, Cei Yu ASOF applied in optic fiber sensor system 48610
Xiao Wen Guo *see* Zhu, X.D. 28154
Xiao Youwen Design of 70 mm Kaufman ion source with parallel beams [for cleaning/etching] 59187
Xiao Yuan *see* Yuan Xiao
Xiao Yueming *see* Yueming Xiao
Xiao Zhang *see* Zhang Xiao
Xiao Zhaohua *see* Zhaohua Xiao
Xiao Zheng *see* Zheng Xiao
Xiao Zhi-Xiong *see* Zhi-Xiong Xiao
Xiao Zhihe *see* Yin Hongcheng 16850
Xiao Zhixiong, Wei Tongli A unified model for the vertical base widening effect in silicon bipolar transistor at 77 and 300 K 32378
Xiao Zhixiong, Wei Tongli Investigation of intrinsic-carrier concentration, minority-carrier concentration and built-in electric field for heavily boron-doped silicon with non-parabolic energy bands at low temperatures 41874
Xiao Zhixiong, Wei Tongli Modelling of Hooge parameter of electrons in heavily phosphorus-doped silicon at low temperatures 41885
Xiao Zhixiong, Wei Tongli Quantitative modelling of current gain and cut-off frequency at high injection levels at 77 and 300 K in polysilicon emitter contact bipolar transistor 54611
Xiao Zhixiong, Wei Tongli, Zheng Jiang, Xu Mingjie Modification of the Einstein equation for the heavily doped silicon 54038
Xiao-an Wang, Bell, D. The role of digital signal processors in pager technology 47682
Xiao-An Wang, Wicker, S.B. Viterbi decoding with soft outputs and adaptive decoding depth 34617
Xiao-Bing Wang *see* Wang Xiao-Bing
Xiao-Chuan Wang *see* Campbell, S.A. 22798
Xiao-Chun Chi *see* Chi Xiao-Chun
Xiao-Chun Mu *see* Gang Bai 2437
Xiao-Dong Liu *see* Ting-Ji Wang 48417
Xiao-Dong Liu *see* Liu Xiao-Dong
Xiao-Dong Mu *see* Mu Xiao-Dong
Xiao-Dong Zhao *see* Yu-Wen Qin 48414
Xiao-Feng Fan *see* Fan Xiao-Feng
Xiao-Feng Yang *see* McDaniel, W.C. 59813
Xiao-Gang Wang, Wen-Han Qian, Cai-Xin Lin Optimal design of distributed signal detection systems 24971
Xiao-Gang Wang, Wen-Han Qian, Pagello, E., Ren-Qing Pei On the uncertainty and ignorance of statistical decision and evidence combination 24958
Xiao-Gang Xie *see* Xie Xiao-Gang
Xiao-Gang Zhang, Yamaguchi, H., Tanaka, Y., Kawahara, S., Ueno, M., Murakami, Y., Yahikozawa, K., Takasu, Y. A new method for the preparation of a glassy carbon-supported ultrafine gold particle electrode [for fuel cells] 51556
Xiao-Hu Yu *see* Guo-Qiang Xue 6555
Xiao-Hu Yu *see* Jian-Jun Xue 6545
Xiao-Hu Yu *see* Xiao-Yu Hu 36314
Xiao-Hu Yu *see* Xiao-Yu Hu 45602
Xiao-Jiang Zhao *see* Zhao Xiao-Jiang
Xiao-Jiao Tao, Cai-Rong Zou, Zhen-Ya He Passive target tracking using maximum likelihood estimation 6988
Xiao-Liang Cheng, Weimin Han, Hong-Ci Huang Finite element methods for Timoshenko beam, circular arch and Reissner-Mindlin plate problems 52576
Xiao-Min Chen, De-Kui Qing, Kiminori Itoh, Murabayashi, M. A TiO_2 film/K^+ ion-exchanged glass composite optical waveguide and its application to a refractive index sensor 13660
Xiao-Ming Cui *see* Bi-Zhen Dong 12838
Xiao-Ming Yuan *see* Hong-Ying Wu 9325
Xiao-Ping Yang *see* Yang Xiao-Ping
Xiao-Ping Zhu *see* Hawnaur, J.M. 59478
Xiao-Qin Huang *see* Huang Xiao-Qin
Xiao-Qing He *see* Yi-Mo Zhang 57917
Xiao-Wei Xia, Wada, S., Akagawa, K., Tashiro, H. Picosecond time-gated Raman imaging using solid-state Raman shifters 28136
Xiao-Wei Zhu *see* Yi Yuan Chen 31473
Xiao-Wu Ni, Jian Lu, An-Zhi He Interferometric diagnosis of laser-produced plasma on an aluminum target 55948
Xiao-Yan Wan *see* Wan Xiao-Yan
Xiao-Yu Hu, Xiao-Hu Yu Fuzzy stochastic gradient decision feedback equalizer for VSB terrestrial HDTV broadcasting 36314
Xiao-Yu Hu, Xiao-Hu Yu Three types of robust maximum-likelihood Viterbi decoder 45602

Xiao-Yuan Hou *see* Xian-An Cao 32369
Xiao-Yuan Hou *see* Xun Wang 2357
Xiao-Yuan Hou *see* Yang, Z. 54159
Xiaobin Wang *see* Wang Xiaobin
Xiaobin Xu *see* Xu Xiaobin
Xiaobing, Z. *see* Xiong, Z. 14466
Xiaobing Lee, Ya-Qin Zhan A fast hierarchical motion-compensation scheme for video coding using block feature matching 15474
Xiaobing Liang *see* Liang Xiaobing
Xiaobing Sun, Zheng Bao Adaptive spectrogram for time-frequency signal analysis 4676
Xiaobing Sun *see* Genyuan Wang 6984
Xiaobing Sun *see* Sun Xiaobing
Xiaobo Li *see* Knipe, J. 5393
Xiaobo Li *see* Qureshi, R. 46490
Xiaobo Pi *see* Pi Xiaobo
Xiaobo Zhang *see* Ying Liu 14154
Xiaobo Zhang *see* Yongsheng Zhao 3625
Xiaobu Yuan *see* Yuan Xiaobu
Xiaochao Wang *see* Wang Xiaochao
Xiaochuan Chen *see* Chen Xiaochuan
Xiaochuan Liu *see* Liu Xiaochuan
Xiaochuan Luo *see* Luo Xiaochuan
Xiaochuan Qu *see* Qu Xiaochuan
Xiaochun Wu *see* Pengfei Wu 44656
Xiaodan Jin *see* Jin Xiaodan
Xiaodong Fu, Dingxing Wang, Weimin Zheng, Meiming Sheng GPR-Tree: a global parallel index structure for multiattribute declustering on cluster of workstations 35516
Xiaodong Li, Ritcey, J.A. M-sequences for OFDM peak-to-average power ratio reduction and error correction 45621
Xiaodong Li *see* Bhushan, B. 32589
Xiaodong Li *see* Young-Bae Park 54299
Xiaodong Li *see* Li Xiaodong
Xiaodong Mu, Zongshu Shao, Liangmin Zhang, Jingwen Zhang, Jiyang Wang, Minhua Jiang A novel internal linear cavity stimulated photorefractive scattering self-pumped phase conjugator 44642
Xiaodong Mu *see* Jingwen Zhang 4083
Xiaodong Wang, Poor, H.V. Joint channel estimation and symbol detection in Rayleigh flat-fading channels with impulsive noise 25825
Xiaodong Wang, Roychowdhury, V.P., Balasingam, P. Practical aspects and experiences–scalable massively parallel algorithms for computational nanoelectronics 43160
Xiaodong Wang *see* Poor, H.V. 16580
Xiaodong Wang *see* Wang Xiaodong
Xiaodong Wu *see* Wu Xiaodong
Xiaodong Zeng, Changhong Liang, Yuying An Far-field radiation of planar Gaussian sources and comparison with solutions based on the parabolic approximation 55796
Xiaodong Zhang, Dykes, S.G., Hong Deng Distributed edge detection: issues and implementations 57131
Xiaodong Zheng *see* Minami, K. 22181
Xiaofang Tang *see* Tang Xiaofang
Xiaofang Zhou *see* Zhou Xiaofang
Xiaofei Shong *see* Shong Xiaofei
Xiaofei Xu *see* Xu Xiaofei
Xiaofei Zang *see* Qimin Chen 38132
Xiaofeng Dong, Lemin Li A spread spectrum PRMA protocol for microcellular networks 47641
Xiaofeng Huang *see* Huang Xiaofeng
Xiaofeng Li *see* Li Xiaofeng
Xiaofeng Sai *see* Sai Xiaofeng
Xiaofeng Shao *see* Brinkman, M.J. 13690
Xiaofeng Zhao *see* Zhao Xiaofeng
Xiaogang Feng *see* Feng Xiaogang
Xiaogang Luo, Dinyu Qin, Lipo, T.A. A novel two phase doubly salient permanent magnet motor 29249
Xiaoge Wang, Gallivan, K.A., Bramley, R. CIMGS: an incomplete orthogonal factorization preconditioner 40172
Xiaoguang Sun *see* Sun Xiaoguang
Xiaoguang Yu *see* Zhenghe Feng 34126
Xiaoguang Zheng *see* Zheng Xiaoguang
Xiaohai Zhang *see* Zhang Xiaohai
Xiaohan Yun, Hsiao, R.C., Bogy, D.B., Singh Bhatia, C. Hardness and tribochemical evaluation of ultra-thin CH_x and CN_x overcoats 32840
Xiaohang Du *see* Du Xiaohang
Xiaohong Qiu *see* Qiu Xiaohong
Xiaohong Shi *see* Shi Xiaohong
Xiaohong Wang *see* Wang Xiaohong
Xiaohong Zhang, Qiru Yang, Wei Wang, Qingquan Lei The effect of inorganic filler on charging properties of low density polyethylene 54969
Xiaohong Zhou *see* Zhou Xiaohong
Xiaohu Kang *see* Kang Xiaohu
Xiaohua Jia, Lee, C.H., Ng, J.M., Chan, E. Routing multicast connections with optimal network cost in ATM networks 46629
Xiaohua Jia *see* Weijia Jia 57634
Xiaohua Wang *see* Wang Xiaohua
Xiaohua Wu, Shang Li, Takahashi, N., Takebe, T. Block implementation of high-speed IIR adaptive noise canceller 41341
Xiaohuan Yang, Naibin Wang, Ping Qin Study on auto-extraction of winter wheat planting area from TM image based on pattern recognition technology 18938
Xiaohui Li *see* Li Xiaohui
Xiaohui Ma *see* Ma Xiaohui
Xiaohui Yang *see* Yang Xiaohui
Xiaoii Wang *see* Tiaosheng Tong 44341
Xiaojian Chen, Jun Liu, Junxian Wang Ka-band AlGaAs/InGaAs PHEMT monolithic low-noise amplifier 53676
Xiaojian Chen *see* Chen Xiaojian
Xiaojian Shu Coupling between two resonant waves in a waveguide free-electron laser 55741
Xiaojian Shu *see* Shu Xiaojian
Xiaojian Xu, Peikang Huang A new RCS statistical model of radar targets 58422
Xiaojie Wang *see* Baoquan Sun 54206
Xiaojie Wang *see* Ziping Jiang 55642
Xiaojie Wang *see* Wang Xiaojie
Xiaojuan Niu *see* Yong Zhu 24103
Xiaojun Chen Convergence of the BFGS method for LC^1 convex constrained optimization 10331
Xiaojun Deng *see* Olsen, L.C. 38979
Xiaojun Fang Polarization-independent all-fiber isolator based on asymmetric fiber tapers 3398
Xiaojun Fang, Helin Ji, Allen, C.T., Demarest, K., Pelz, L. A compound high-order polarization-independent birefringence filter using Sagnac interferometers 44177
Xiaojun Jin *see* Jin Xiaojun
Xiaojun Li, Zhongnong Jiang, Willson, A.N., Jr. Design of a memory-efficient IIR filter bank with application to subband coding of image and video signals 1600
Xiaojun Shen *see* Qing Hu 21418
Xiaojun Wang, Chung, D.D.L. Self-monitoring carbon fiber polymer-matrix composite 1002
Xiaojun Wang, Chung, D.D.L. Continuous carbon fibre epoxy-matrix composite as a sensor of its own strain 36544
Xiaojun Wang *see* Wang Xiaojun
Xiaojun Yang, Damen, M.C.J., van Zuidam, R., van Gelder, A., van den Berg, J.H., Guodong Cheng Satellite remote sensing and geographic information system for monitoring morphodynamics of the active Yellow River Delta, China 18776
Xiaojun Yang *see* Yang Xiaojun
Xiaojun Zhu, Guangtsai Lei, Guangwen Pan On application of fast and adaptive periodic Battle-Lemarie wavelets to modeling of multiple lossy transmission lines 56081
Xiaokang Lin *see* Lin Xiaokang
Xiaokuan Zhou *see* Zhou Xiaokuan
Xiaolan Chen, Zaidi, S.H., Brueck, S.R.J. Multiple exposure interferometric lithography–a novel approach to nanometer structures 22698
Xiaolan Peng *see* Peng Xiaolan
Xiaolan Xie Sensitivity analysis of stochastic free-choice nets 52466
Xiaolang Peng *see* Peng Xiaolang
Xiaole Chen, Soderstrand, M.A. High frequency CMOS G_m-C biquad designed by using a novel output impedance sensing and compensation technique 1575
Xiaolei Wang *see* Wang Xiaolei
Xiaoli Dong *see* Dong Xiaoli
Xiaoli Yang *see* Yang Xiaoli
Xiaoli Yu, Hoff, L.E., Reed, I.S., An Mei Chen, Stotts, L.B. Automatic target detection and recognition in multiband imagery: a unified ML detection and estimation approach 25636
Xiaolian Han *see* Han Xiaolian
Xiaoliang Xu *see* Xu Xiaoliang
Xiaolin Liu *see* Danda, S. 1063
Xiaolin Tong, Hofmeister, R., Min Zhang, Yariv, A., Agranat, A., Leyva, V. Fixing of volume holograms in ferroelectric $K_{1-y}Li_yTa_{1-x}Nb_xO_3$ 14448
Xiaolin Tong, Min Zhang, Yariv, A., Agranat, A. Thermal fixing of volume holograms in potassium niobate 24260
Xiaolin Tong, Min Zhang, Yariv, A., Hofmeister, R., Leyva, V., Agranat, A. Fixing of volume holograms in ferroelectric phase $K_{1-y}Li_yTa_{1-x}Nb_xO_3$ 4136
Xiaolin Tong, Yariv, A., Min Zhang, Agranat, A., Hofmeister, R., Leyva, V. Ferroelectric domain gratings and Barkhausen spikes in potassium lithium tantalate niobate 55945
Xiaolin Wang *see* Wang Xiaolin
Xiaolin Wu Optimal binary vector quantization via enumeration of covering codes 35337
Xiaolin Wu Lossless compression of continuous-tone images via context selection, quantization, and modeling 57178
Xiaolin Wu, Memon, N. CALIC–a context based adaptive lossless image codec 26409
Xiaolin Wu *see* Ural, H. 21564
Xiaolin Xu *see* Xu Xiaolin
Xiaolin Zhang *see* Zhang Xiaolin
Xiaoling Fang *see* Fang Xiaoling
Xiaoling Li *see* Zhenhong Zhou 54905
Xiaoling Sun, Tutak, W. Error identification and data retrieval in signature analysis based data compaction 31170
Xiaoling Zhai *see* Zhai Xiaoling
Xiaolong Dai, Siamak Khorram, Cheshire, H. Automated image registration for change detection from Landsat Thematic Mapper imagery 8531
Xiaolong Yuan *see* Yuan Xiaolong
Xiaolu Wang *see* Pelekhaty, V. 3498
Xiaoman Duan *see* Agarwal, A.M. 3437
Xiaomin Fan *see* Fan Xiaomin
Xiaomin Lian *see* Lian Xiaomin
Xiaoming Cai *see* Wei, B.W.Y. 1319
Xiaoming Fan *see* Fan Xiaoming
Xiaoming Ji *see* Ji Xiaoming
Xiaoming Liu *see* Liu Xiaoming
Xiaoming Wang, Ehlers, C., Neitzel, M. Dynamic analysis of piezoelectric actuator bonded on beam 23261
Xiaoming Wang, Ehlers, C., Neitzel, M. An analytical investigation of static models of piezoelectric patches attached to beams and plates 52865
Xiaoming Zhang *see* Zhang Xiaoming
Xiaoming Zhao *see* Zhao Xiaoming
Xiaoming Zhu *see* Zhu Xiaoming
Xiaona Yan *see* Yaozu Yin 13768
Xiaonan Li, Sheldon, P., Houtinho, H., Matson, R. Enhanced performance of CdS/CdTe thin-film devices through temperature profiling techniques applied to close-spaced sublimation deposition 39105
Xiaonan Zhang Coupling effects on wire delay. Challenges in deep submicron VLSI design 2817
Xiaoning Cao *see* Cao Xiaoning
Xiaoning Hu *see* Hu Xiaoning
Xiaoning Pan *see* Pan Xiaoning
Xiaonong Tao *see* Tao Xiaonong
Xiaonong Xu, Aimin Sun, Xin Jin, Hongchang Fan, Xixian Yao Method for calculating the induced voltage in a vibrating sample magnetometer detection coil system 7249
Xiaoou Tang, Stewart, W.K. Plankton image classification using novel parallel-training learning vector quantization network 50163
Xiaopeng Chen *see* Jin-Xing Cai 58380
Xiaopin Zhang *see* Zhang Xiaopin
Xiaoping Feng *see* Feng Xiaoping
XiaoPing Lang *see* Lang XiaoPing
Xiaoping Shao, Rommel, S.L., Orner, B.A., Berger, P.R., Kolodzey, J., Unruh, K.M. Low resistance ohmic contacts to p-$Ge_{1-x}C_x$ on Si 12545
Xiaoping Shui, Chung, D.D.L. Improved composite piezoresistive strain sensors 7260
Xiaoping Shui, Chung, D.D.L. A new electromechanical effect in discontinuous-filament elastomer-matrix composites 40697
Xiaoping Wang *see* Lei Huang 32215
Xiaoping Wang *see* Wang Xiaoping
Xiaoping Yan *see* Yan Xiaoping
Xiaoping Yun, Alptekin, G., Albayrak, O. Line and circle formation of distributed physical mobile robots 36905
Xiaoping Zhang *see* Zhang Xiaoping
Xiaoqi Lin *see* Lin Xiaoqi
Xiaoqiang Chen *see* Arulambalam, A. 5762
Xiaoqing, W., Tamamoto, H., Kinoshita, K. I_{DDQ} test vector selection for transistor short fault testing 11412
Xiaoqing Ding *see* Ding Xiaoqing
Xiaoqing Wen *see* Wen Xiaoqing
Xiaoqing Zhang *see* Zhang Xiaoqing
Xiaoqiu Song *see* Song Xiaoqiu
Xiaoqiu Zhang *see* Zhang Xiaoqiu
Xiaoquan Shong *see* Shong Xiaoquan
Xiaoquan Song *see* Song Xiaoquan
Xiaoqun Wang *see* Wang Xiaoqun
Xiaoqun Wu, Wilson, S.G. Importance sampling for estimating decoder performance 34629
Xiaoqun Zhou, Iiyama, K., Hayashi, K. Extended-range FMCW reflectometry using an optical loop with a frequency shifter 27952
Xiaorong Sun *see* Cox, L.A., Jr. 39916
Xiaorong Zhi *see* Li, X.R. 45816
Xiaoru Zhang *see* Zhang Xiaoru
Xiaoshen Wang *see* Li, T.Y. 10427
Xiaoshu Qian, Kumaresan, R. Joint estimation of time delay and pitch of voiced speech signals 4622
Xiaoshu Qian, Kumaresan, R. A variable frame pitch estimator and test results 14903
Xiaosong Du *see* Jianguo Zhu 52816
Xiaosong Zhu *see* Jiasheng Chen 58624
Xiaotao Chen *see* Tong Liu 32514
Xiaotao Deng *see* Deng Xiaotao
Xiaotian Cui *see* Cui Xiaotian
Xiaotian Wang *see* Wang Xiaotian
Xiaoting Liu *see* Liu Xiaoting
Xiaou Li *see* Li Xiaou
Xiaowei Jia *see* Jia Xiaowei
Xiaowei Sun *see* Sun Xiaowei
Xiaowei Yang, Wolf, M., Rozen, N. A fast simulation approach for availability study of FAA networks in support of GPS guided navigation 47882
Xiaowei Yao *see* Pyle, J.L. 40507
Xiaowei Zhang *see* Sexton, G. 57516
Xiaowen Li, Strahler, A. A knowledge-based inversion of physical BRDF model and three examples 8391
Xiaowen Li *see* Baoxin Hu 8304
Xiaowen Li *see* Baoxin Hu 8540
Xiaowen Li *see* Woodcock, C.E. 50030
Xiaowen Wu *see* Wu Xiaowen
Xiaoxian Li *see* Li Xiaoxian
Xiaoxin Qiu, Li, V.O.K. Performance analysis of PCS mobility management database system 47815
Xiaoxing Zhang, Kambayashi, N., Shinada, Y. A realization of active current-mode resonator with complex coefficients using CCIIs 41298
Xiaoya Fan *see* Fan Xiaoya
Xiaoyan Liu *see* Jinfeng Kang 32957
Xiaoyan Ma *see* Ma Xiaoyan
Xiaoyan Qiu *see* Qiu Xiaoyan
Xiaoyan Tang *see* Tang Xiaoyan

Xiaoyan Wang *see* Wang Xiaoyan
Xiaoyang Zhang *see* Mu, A. 6415
Xiaoying Liu *see* Liu Xiaoying
Xiaoyou Zhang *see* Zhang Xiaoyou
Xiaoyu Jiang *see* Jiang Xiaoyu
Xiaoyu Li *see* Yang, S. 17281
Xiaoyu Liu, Schumaker, L.L. Hybrid Bezier patches on sphere-like surfaces 521
Xiaoyu Shi *see* Anc, M.J. 22457
Xiaoyu Song *see* Langevin, M. 5848
Xiaoyu Zhang *see* Podilchuk, C. 25397
Xiaoyu Zhu *see* Zhu Xiaoyu
Xiaoyuan Chen *see* Qi Luo 40524
Xiaoyuan Chen *see* Qi Luo 52855
Xiaoyuan Chen *see* Xinfan Huang 12501
Xiaoyuan He, Zhu Xu, Wei Heng Spatial domain method of DSPI fringe pattern recognition 35322
Xiaoyuan Hou *see* Gubo Li 2352
Xiaoyuan Hou *see* Hou Xiaoyuan
Xiaoyuan Peng *see* Lei Xu 44808
Xiaoyuan Zhang *see* Zhang Xiaoyuan
Xiaoyun Li *see* Li Xiaoyun
Xiaoyun Sun, Golden, B., Wasil, E. The fine-tuned learning enhancement to the standard backpropagation algorithm 15704
Xiaozhong Dang *see* Dang Xiaozhong
Xiaozhong Guo *see* Guo Xiaozhong
Xiaozhou Tan *see* Tan Xiaozhou
Xiaozi Sun *see* Sun Xiaozi
Xibilia, M.G. *see* Arena, P. 4655
Xibin Shao *see* Jianxin Guo 17696
Xichao Ye *see* Ye Xichao
Xicheng Ai *see* Ai Xicheng
Xichun Liu *see* Liu Xichun
Xidong Chen, Gibson, J.M. Dramatic effect of post-oxidation annealing on (100) Si/SiO_2 roughness 42357
Xie, F., Van Compernolle, D. Speech enhancement by spectral magnitude estimation–a unifying approach 4575
Xie, F. *see* Peng, G. 5460
Xie, G.G., Lam, S.S. An efficient adaptive search algorithm for scheduling real-time traffic 57591
Xie, G.Y. *see* Li, W.S. 9476
Xie, K. *see* Burke, T. 32386
Xie, K. *see* Burke, T. 51401
Xie, K. *see* Flemish, J.R. 22586
Xie, K. *see* Lin, H. 7336
Xie, K. *see* Wang, Y. 10176
Xie, L. *see* Xiang, Q. 26680
Xie, L. *see* Xiang, Q. 26681
Xie, L. *see* Xu, A. 26679
Xie, M.-H., Zhang, J., Lees, A., Fernandez, J.M., Joyce, B.A. Surface segregation during molecular beam epitaxy: the site-blocking effects of surfactant atoms 10742
Xie, M.H. *see* Fernandez, J.M. 763
Xie, Q., Soong, B.-H., Gunawan, E., Soh, C.-B. Adaptive equalization with RLS-MLSE assisted by FEC block coding for fading mobile radio channels 47685
Xie, R.J., Kava, J.D. Aspect ratio independent metal etching in high density plasma: can we achieve it? 54479
Xie, S.L. *see* Prinet, V. 8041
Xie, W. *see* Wang, D. 15796
Xie, W.X., Bernage, P., Ramecourt, D., Douay, M., Taunay, T., Niay, P., Boulard, B., Gao, Y., Jacoboni, C., Da Costa, A., Poignant, H., Monerie, M. UV induced permanent gratings in Ce^{3+} or Eu^{2+} doped PZG glass thin-film waveguides deposited on CaF_2 substrates 24284
Xie, W.X. *see* Douay, M. 24268
Xie, W.X. *see* Douay, M. 55193
Xie, W.X. *see* Douay, M. 55261
Xie, W.X. *see* Taunay, T. 43967
Xie, X., Agarwal, V.K. Irradiation effects on electron trapping in thin dielectric films 32615
Xie, X., Atkinson, J.T. Absolute moire contouring 36911
Xie, X., Atkinson, J.T., Lalor, M.J., Burton, D. Effects on absolute moire contouring by using gratings with different period and profile and rotating angles 48864
Xie, X., Huang, C., Tong, C., Huang, Z. Collision of multi-changeover in Signaling System No. 7 57745
Xie, X.G. *see* Chen, H. 30793
Xie, X.G. *see* Chen, H. 42025
Xie, Y., Bhushan, B. Fundamental wear studies with magnetic particles and head cleaning agents used in magnetic tapes 55048
Xie, Y., Liu, C., Lee, M.J., Saadawi, T.N. Adaptive multimedia synchronization in a teleconference system 6283
Xie, Y.-H. *see* Jones, D.E. 7601
Xie, Y.-M. *see* Yap, D. 58356
Xie, Y.F. *see* Lee, J.L. 18819
Xie, Y.H. *see* Kurkov, A.S. 44399
Xie, Y.M. *see* Chu, D.N. 30674
Xie Aiguo *see* Aiguo Xie
Xie Chang-De *see* Zhang Tian-Cai 44442
Xie Guangping *see* Yin Chunyong 17787
Xie HaiQiang, Fan Yuezu, tZhidkov, V.N. Pilot-Assistant Navigation Expert System 37966
Xie Hengkun *see* Zhu Yutao 13259
Xie Huikai *see* Sun Xiqing 38765
Xie Jianlun *see* Pan Ziqiang 49818
Xie Jianping *see* Yang Bao 14016
Xie Jifan *see* Jifan Xie
Xie Jinxing *see* Jinxing Xie
Xie Jun, Chalmers, I.D. The influence of surface charge upon flash-over of particle-contaminated insulators in SF_6 under impulse-voltage conditions 60420
Xie Jun *see* Wang Ping 48724
Xie Junqing *see* Junqing Xie
Xie Kai *see* Yu Erkeng 28796
Xie Kefu *see* Liu Xichun 31107
Xie Lihua *see* Lihua Xie
Xie Lili *see* Li Dajian 15806
Xie Linzhen *see* Zhang Kan 47902
Xie Ming-Jie *see* Ming-Jie Xie
Xie Minjie *see* Minjie Xie
Xie Ning *see* Zhou Lei 32871
Xie Ning *see* Ning Xie
Xie Pang *see* Feng Tianwu 58055
Xie Ping *see* Ping Xie
Xie Ping Ding Iterative process with errors to locally strictly pseudocontractive maps in Banach spaces 10426
Xie Qun *see* Qun Xie
Xie Rongsheng, Zhou Yaohua, Wang Jihong, Zhao Feng, Wang Guicheng The vacuum protector of klystron for the 200 MeV electron linac at NSRL 59102
Xie Shaojun, Yan Yangguang Study on mathematic simulation of VSCF electric power generating systems 59960
Xie Sheng-Li *see* Sheng-Li Xie
Xie Sheng-Wu *see* Sheng-Wu Xie
Xie Shizhong, Liu Fenghai, Sun Chengcheng, Zhang Mingsheng, Xie Yong, Wang Jianbing, Yang Xiaohui, Mao Weimin, Fan Chongcheng, Zhou Bingkun 4×622 Mb/s HD-WDM nongenerated optical fiber transmission experiment over 282 km of conventional fiber 20835
Xie Shizhong *see* Wang Jianbing 27143
Xie Wancheng *see* Li Dajian 15806
Xie Wei *see* Fan Shuwei 19785
Xie Weixin *see* Huang Jianjun 11402
Xie Weixin *see* Huang Jingxiong 36228
Xie Xi-De *see* Ke San-Huang 42112
Xie Xiao-Gang *see* Chen Hong 786
Xie Xiaolan *see* Xiaolan Xie
Xie Xinjun *see* Xinjun Xie
Xie Xuebing *see* Xuebing Xie
Xie Yi, Wang Wenzhong, Qian Yitai, Yang Li, Chen Zhiwen Deposition and microstructural characterization of NiO thin films by a spray pyrolysis method 834
Xie Yi-Yuan *see* Yi-Yuan Xie
Xie Yixi *see* Zhao Xiongwen 14695
Xie Yong *see* Xie Shizhong 20835
Xie Yongjun, Liang Changhong The wide-band design method of the elliptical resonant iris in rectangular waveguide 14673
Xie Yongjun, Liang Changhong The variational solution of resonate frequency of the probe-coupled rectangular cavity 34162
Xie Yongsheng, Sun Hongbo, Xu Guoyu A short term hydrothermal scheduling with fuzzy inflows and loads 50479
Xie Yuan-Xiang *see* Xu Hu-Shan 18113
Xie-Ting Ling *see* Hong Zhou 34616
Xiehe Hu *see* Hu Xiehe
Xiejun Yang *see* Yang Xiejun
Xieqing Zhu, Haoning Liu, Rouse, J., Munro, E. Field function evaluation techniques for electron lenses and deflectors 33824
Xiequing Zhu *see* Chisholm, T. 32333
Xieting Ling *see* Ling Xieting
Xiewen Wang, Khare, M., Ma, T.P. Effects of water vapor anneal on MIS devices made of nitrided gate dielectrics 2657
Xiheng Hu Further simplification to 2-D filter stability test 41340
Xihong Ding *see* Ding Xihong
Xihong Lin *see* Malow, B.A. 59638
Xihu Zhi *see* Zhi Xihu
Xihui Yan, Quintana, V.H. An infeasible interior-point algorithm for optimal power-flow problems 60209
Xijun Zhang *see* Bin Ma 15034
Xijun Zhang *see* Chunming Qiao 36163
Xilang Zhou *see* Zhou Xilang
Xili Zu *see* Zu Xili
Xiliang Gu *see* Wang, P.P. 29000
Xilin Tan *see* Tan Xilin
Xiling Sheng *see* Sheng Xiling
Xiling Yu *see* Yu Xiling
Ximao Bao *see* Bao Ximao
Ximao Dai *see* Dai Ximao
Ximin Deng *see* Deng Ximin
Ximin Huang *see* Jianxin Guo 17696
Ximing Deng *see* Renzhong Hua 44616
Ximing Deng *see* Deng Ximing
Xin, D. Extension of the Welch-Berlekamp theorem with applications to decoding cyclic codes 56269
Xin, Q.-S. *see* Conrad, S. 10877
Xin, S. *see* Morton, R. 12442
Xin, S.H., Wang, P.D., Aie Yin, Kim, C., Dobrowolska, M., Merz, J.L., Furdyna, J.K. Formation of self-assembling CdSe quantum dots on ZnSe by molecular beam epitaxy 10810
Xin, S.H. *see* Sparing, L.M. 23665
Xin, Y., Brown, P.D., Dunin-Borkowski, R.E., Humphreys, C.J., Cheng, T.S., Foxon, C.T. Microstructural characterisation of GaN(As) films grown on (001) GaP by molecular beam epitaxy 30820
Xin, Z., Manabe, Y., Inokuchi, S. Estimation of illuminant spectral distribution with geometrical information 25713
Xin Ai *see* Ai Xin
Xin Chen, Keller, O. Photon drag in two electromagnetically coupled two-level quantum wells 42124
Xin Chen *see* Chen Xin
Xin Gao *see* Yujin Zheng 44705
Xin Hu *see* Hu Xin
Xin Huoping, Shi Xiaohong, Lin Chenglu, Xu, W.P., Zheng Lirong, Zou Shichang Field-ionization source induced phase transition from hBN to cBN during pulsed laser deposition 812
Xin Huoping *see* Huoping Xin
Xin Jianqiang, Zhang Ping Research on a new optimum code used in the Doppler heightmeter 48753
Xin Jin *see* Xiaonong Xu 7249
Xin Jingmin *see* Jingmin Xin
Xin Jun *see* Qi Bojin 61372
Xin Li, Ciric, I.R., Raghuveer, M.R. A new method for solving ionized fields of unipolar HVDC lines including effect of wind. I. FEM formulation 50608
Xin Li, Raghuveer, M.R., Ciric, I.R. On the corona voltage-current characteristic of unipolar HVDC transmission lines 50569
Xin Li, Raghuveer, M.R., Ciric, I.R. A new method for solving ionized fields of unipolar HVDC lines including effect of wind. II. Iterative techniques and numerical tests 50573
Xin Li, Zheng-Fan Li A new moment generation technique for interconnects characterized by generalized ABCD matrices 39806
Xin Li *see* Bing Zhou 33240
Xin Li *see* Butcher, K.S.A. 30941
Xin Li *see* Coffer, J.L. 12004
Xin Li *see* Li Xin
Xin Lin, Ohtsubo, J. Optical neural networks with terminal attractors for pattern recognition 46111
Xin Miao Unequally spaced channels for upgrading WDM system from 3-channel to 10-channel preserving no FWM crosstalk 16662
Xin Sun *see* Yukun Yang 48512
Xin Tianling *see* Wang Shanli 10788
Xin Xu, Nitta, S., Mutoh, A., Jayaram, S. Study on noise characteristics of multiconductor twisted-pair wire circuit –the case of n=2 47514
Xin Yao, Kanani, N. Call routing by simulated annealing 35531
Xin Yao *see* Darwen, P. 10386
Xin Yao *see* Guangming Lin 56311
Xin Yuan *see* Yuan Xin
Xin Zhang, Y. *see* Garnacho, F. 50672
Xin-Chang Ruan *see* Xin-Cheng Gao 53313
Xin-Cheng Gao, Hong Yi, Wang He, Xin-Chang Ruan Universal high speed complex multiplier accumulator GA3806 53313
Xin-Fang Ding *see* Meng-Nian Niu 48422
Xin-Qi Li Effect of dissipation on the ac response of a resonant-tunneling diode 22758
Xin-Qing Sheng *see* Jian-Ming Jin 56093
Xin-Wei Xu, Kunio Doi Image feature analysis for computer-aided diagnosis: detection of right and left hemidiaphragm edges and delineation of lung field in chest radiographs 7996
Xin-Xiang Jin, de Jong, C.D. Relationship between satellite elevation and precision of GPS code observations 26673
Xin-Xiang Jin *see* Jin Xin-Xiang
Xin-Xin Wu *see* Wu Xin-Xin
Xinchang Ruan *see* Ruan Xinchang
Xinchang Yang *see* Quan Yuan 44788
Xinding Sun *see* Sun Xinding
Xinfan Huang, Zhifeng Li, Wei Wu, Xiaoyuan Chen, Wei Li, Ling Hong, Qi Li, Kunji Chen KrF laser-induced nanometer Si crystallites formation and TEM observation 12501
Xinfang Ding *see* Ding Xinfang
Xinfeng Chen *see* Chen Xinfeng
Xinfeng Wang *see* Wang Xinfeng
Xinfeng Ye, Keane, J.A. A multicast primitive for mobile hosts 26105
Xinfu Zhuang *see* Zhuang Xinfu
Xing, H., Jarske, P. Frequency domain pilot equalization for the OFDM signal in multipath fading channels 45965
Xing, S. *see* Yu, W.W.H. 40998
Xing, W., Xue, J.S., Dahn, J.R. Optimizing pyrolysis of sugar carbons for use as anode materials in lithium-ion batteries 19958
Xing, X. *see* Lin, G.H. 32841
Xing, Z., Banerjee, P. A parallel hierarchical algorithm for module placement based on sparse linear equations [VLSI layout] 13072
Xing, Z., Chandy, J., Banerjee, P. Parallel global routing algorithms for standard cells 40843
Xing Bi Chen, Sin, J.K.O., Min Zhang, Bin Wang An analytical model for electric field distribution of positively beveled abrupt PN junctions 54163
Xing Dingjia *see* Dingjia Xing
Xing Hou Wei *see* Wei Xing Hou
Xing Jin *see* Jin Xing
Xing Jingshu *see* Pehl, R.H. 18098
Xing Qingbin, Zhu Qing, Sun Shenghe Iterative structure of Winograd FFT algorithm 10452
Xing Qirong *see* Shen Yuzhen 33462
Xing Song, Sivertsen, J., Judy, J., Payne, A. Comparisons of recording performance and MFM images of bit patterns recorded on single-layer

CoCrTaPt and multilayer Pd/Co perpendicular magnetic thin film media 43684
Xing Weibing, Wilson, A.M., Zank, G., Dahn, J.R. Pyrolysed pitch-polysilane blends for use as anode materials in lithium ion batteries 61039
Xing Wu, Bir Bhanu Gabor wavelet representation for 3-D object recognition 25630
Xing Wu *see* Yong Zhu 24103
Xing Xiu-San *see* Ding Hong-Zhi 2886
Xing Ye *see* Ye Xing
Xing Yuping *see* Zhang Yimin 8982
Xing Zhang *see* Zhang Xing
Xing Zheng Wei *see* Wei Xing Zheng
Xing Zhongqi *see* Zhongqi Xing
Xing-Ru Zhong *see* Zhong Xing-Ru
Xing-Zhao Liu *see* Liu Xing-Zhao
Xingahi Zheng *see* Zheng Xingahi
Xingcheng Han *see* Han Xingcheng
Xingchun Liu *see* Liu Xingchun
Xingdao He *see* He Xingdao
Xingde Jia Cayley digraphs of finite cyclic groups with minimal average distance 30494
Xingehu Sun *see* Sun Xingehu
Xingen Wen *see* Wen Xingen
Xinghai Tang, De, V.K., Meindl, J.D. Effects of random MOSFET parameter fluctuations on total power consumption 12961
Xinghai Tang *see* De, V.K. 2656
Xinghai Tang *see* De, V.K. 2698
Xinghao Liu *see* Sakamoto, A. 40084
Xinghu Zhang *see* Shaohua Tan 30569
Xinghua Miao *see* Miao Xinghua
Xinghua Qu *see* Qu Xinghua
Xinghuo Yu *see* Yang Xia 60759
Xinghuo Yu *see* Zai Sheng Jiang 60443
Xingjiang Liu, Momma, T., Osaka, T. Dependence on the electrolyte solution of the capacitance of active carbon fiber electrode for electric double layer capacitor 53709
Xingjiang Liu, Osaka, T. All-solid-state electric double-layer capacitor with isotropic high-density graphite electrode and polyethylene oxide/$LiClO_4$ polymer electrolyte 41536
Xingjiao Li *see* Jun Yu 43584
Xingjiao Li *see* Li Xingjiao
Xingjun Liu *see* Liu Xingjun
Xingkang Zhao *see* Zhao Xingkang
Xingke Wang *see* Wang Xingke
Xingliang Huang *see* Huang Xingliang
Xinglong Yan *see* Yan Xinglong
Xingming Li *see* Li Xingming
Xingnian Zheng *see* Zhanqing Li 18802
Xingpeng Zhou *see* Zhou Xingpeng
Xingping Sun *see* Ron, A. 10428
Xingping Wu *see* Wu Xingping
Xingqi Luo *see* Luo Xingqi
Xingquan Lu *see* Lu Xingquan
Xingren Wang *see* Wang Xingren
Xingshi Zheng *see* Jiayin Qin 13948
Xingshi Zheng *see* Zheng Xingshi
Xingtai Weng *see* Weng Xingtai
Xingwan Yao *see* Yao Xingwan
Xingwen Zeng *see* Zeng Xingwen
Xingxin Cai *see* Cai Xingxin
Xingyu Zhang *see* Shengzhi Zhao 23838
Xingyu Zhang *see* Zhang Xingyu
Xingyuan Li *see* Li Xingyuan
Xingzhao Liu, Sakamoto, A., Shimamoto, T. A genetic algorithm for maximum independent set problems 21071
Xingzhong Huang *see* Ya-Qiu Jin 33993
Xingzi Yang *see* Ning Zhu 53143
Xinheng Wang *see* Wang Xinheng
Xinhua Geng *see* Geng Xinhua
Xinhua He *see* He Xinhua
Xinhua Liu *see* Liu Xinhua
Xinhua Mu *see* Mu Xinhua
Xinhua Zhang, Liangji Lin, Jicheng Wang A decision fusion approach for target classification 24929
Xinhua Zhang *see* Zhang Xinhua
Xinhua Zhuang *see* Bing-Bing Chai 15561
Xinhui Yang *see* Yang Xinhui
Xinhui Zhang, Zhenghao Chen, Dafu Cui, Guozhen Yang, Ruizhong Wang Observation of a large dc Kerr effect in the intervalence subband of $Si_{1-x}Ge_x$/Si multiple quantum wells 2184
Xinjun Xie, Atkinson, J.T., Lalor, M.J., Burton, D.R. Three-map absolute moire contouring 17842
Xinlau, M., Guoping, C., Xuping, Z. Study of the structure of TiO_2 thin films for Gb range DRAM 21355
Xinli Wang *see* Wang Xinli
Xinliang Lu *see* Jingwen Zhang 4083
Xinmei Wang *see* Wang Xinmei
Xinmin Qi *see* Qi Xinmin
Xinmin Wang *see* Wang Xinmin
Xinmin Zhao *see* Ping Wang 36542
Xinowu Gong *see* Gong Xinowu
Xinping Qiu *see* Qiu Xinping
Xinping Zhang *see* Zhang Xinping
Xinqiang Chen *see* Chen Xinqiang
Xinqiao Lu *see* Lu Xinqiao
Xinqiao Wang *see* Hua Li 23909
Xinqing Sheng *see* Sheng Xinqing
Xinquing Sheng *see* Shanjia Xu 45294
Xinrong Qian *see* Qian Xinrong
Xinrong Zhao *see* Zhihong Mai 48513
Xinshan Li, Jiancheng Zhang, Zhongyan Meng Investigation of the humidity sensitivity in Fe_3O_4 thin films using porous ZrO_2 ceramics as carriers 59100
Xinshan Ma *see* Jiansheng Yuan 44944
Xinshan Ma *see* Ma Xinshan
Xinsheng, W. *see* Kumagai, S. 32701
Xinsheng Lou *see* Lou Xinsheng
Xintong Zhang, Dongming Zhao A parallel algorithm for detecting dominant points on multiple digital curves 56702
Xinwan Li *see* Li Xinwan
Xinwei Zhao *see* Komuro, S. 13809
Xinxian Bao, Chunfei Li Study of four-wave mixing based on excited state absorption 24089
Xinxian Bao, Chunfei Li Study on photoinduced birefringence in acceptor-donor azo dye doped in polymer 24232
Xinxian Bao, Chunfei Li, Hongjing Kan, Lu Dai, Tong, W.G. Excited-state optical storage study in a dye-doped film using four-wave mixing spectroscopy 55170
Xinxian Bao *see* Bao Xinxian
Xinxin Li, Minhang Bao, Shaoqun Shen Maskless etching of three-dimensional silicon structures in KOH 32591
Xinxin Zhou *see* Hashiguchi, S. 18552
Xinya Hao *see* Hao Xinya
Xinyang Yong *see* Yong Xinyang
Xinyu Ma, Nikias, C.L. Joint estimation of time delay and frequency delay in impulsive noise using fractional lower order statistics 4634
Xinyu Ma, Nikias, C.L. Robust methods for time delay estimation in the presence of impulsive noise 15186
Xinyu Ma, Nikias, C.L. Robust time delay estimation using lower-order statistics 25202
Xinzhang Wu, Jaggard, D.L. Planar chirowaveguide with discontinuities 56092
Xinzhang Wu, Jaggard, D.L. Discontinuities in planar chirowaveguides 56103
Xinzhi Chen *see* Chen Xinzhi
Xinzhou Dong *see* Dong Xinzhou
Xiong, C.M. *see* Shi, Y. 2115
Xiong, C.M. *see* Shi, Y. 12346
Xiong, F. *see* Wang, Q. 23887
Xiong, S.B. *see* Guo, X.L. 10882
Xiong, S.B. *see* Guo, X.L. 52807
Xiong, W.J. *see* Huang, Y.Z. 17882
Xiong, Y., Bruneel, H. A unifying queueing model for ATM and its analysis 25904
Xiong, Y.P. *see* Huang, C.B. 29527
Xiong, Z., Hanchun, Y., Xiaobing, Z. Image process of 3D reconstruction from hologram 14466
Xiong, Z., Ramchandran, K., Orchard, M.T. Space-frequency methods in image compression 35250
Xiong, Z., Ramchandran, K., Orchard, M.T. Space-frequency quantization for wavelet image coding 35331
Xiong, Z., Ramchandran, K., Orchard, M.T. Efficient arithmetic coding for wavelet image compression 56617
Xiong, Z., Ramchandran, K., Orchard, M.T. Efficient arithmetic coding for wavelet image compression 57348
Xiong, Z. *see* Li, K. 43941
Xiong Bing, Sun Yihe Research on ASIC for multi-speaker isolated word recognition 56374
Xiong Bingheng, Zhang Wenbi, Zhong Liyun, Yang Qimin A study on the relationship between groove depth of the master relief hologram and the efficiency of its embossing holograms 14468
Xiong Bingheng *see* Bingheng Xiong
Xiong Chen *see* Wan Weishui 21088
Xiong Fuqin *see* Fuqin Xiong
Xiong Gong *see* Pengfei Wu 44656
Xiong Gong *see* Gong Xiong
Xiong Guangcheng *see* Guangcheng Xiong
Xiong Junjiang, Gao Zhentong Confidence level of the p-S-N determined by the maximum likelihood principle 52911
Xiong Li *see* Li Xiong
Xiong Qingxu *see* Qingxu Xiong
Xiong Shaozhen *see* Shaozhen Xiong
Xiong Shengming *see* Huang Wei 24071
Xiong Shenshu, Zhou Zhaoying, Xu Changsheng Research on adaptive filtering of colored noise and its application 28202
Xiong Shixian *see* Guo Jianbo 19262
Xiong Sibei *see* Sibei Xiong
Xiong Xiangbao Inherent parameters of MOA and its performance evaluation 8965
Xiong Xuming *see* Huang Mingqiang 32908
Xiong Yalin *see* Yalin Xiong
Xiong Yan, Peng Jiaxiong, Ding Mingyue A new algorithm for the estimation of projective invariants from uncalibrated images 57332
Xiong Yan, Peng Jia-Xiong, Ding Ming-Yue, Xue Dong-Hui The unique solution of projective invariants of six points from four uncalibrated images 57191
Xiong Yi-Ming *see* Yi-Ming Xiong
Xiong Yizhi *see* Bian Songlin 46400
Xiong Yongzhing *see* Yongzhing Xiong
Xiong Zhaofei *see* Su Ting 56415
Xiong Zixiang *see* Zixiang Xiong
Xiongwei Hu *see* Hu Xiongwei
Xiongwen Zhao *see* Zhao Xiongwen
Xiongyan Zhao *see* Zhao Xiongyan
Xiqi Gao, Bo Hong, Lijun Luo, Zhenya He Fractal image coding using cosine-modulated filter banks 46306
Xiqi Gao *see* Lijun Luo 46305
Xiqing Sun *see* Sun Xiqing
Xiquan Gao *see* Gao Xiquan
Xirouhaki, C. *see* Mailis, S. 24301
Xisheng Cao, Wallaschek, J. Modelling and analysis of dynamic contact problems in travelling wave ultrasonic motors 19772
Xisheng Zhao *see* Zhao Xisheng
Xistris, G.D. *see* Zhang, S. 9161
Xiu Cuo Chang *see* Cuo Chang Xiu
Xiu Lincheng *see* Lincheng Xiu
Xiu Wang *see* Wang Xiu
Xiu-Feng Han, Yang, F.M., Zhu, J.J., Pan, H.G., Wang, Y.G., Wang, J.L., Tang, N., Zhao, R.W. Formation and magnetic properties of novel compounds $Tb_3(Fe_{1-x}V_x)_{29}$ 43628
Xiu-Feng Han *see* Yi-Zhong Wang 55029
Xiu-Lan Zhang *see* Yan-Qing Lu 4067
Xiu-San Xing *see* Xing Xiu-San
Xiucheng Wu *see* Ersoni, M. 36559
Xiudong Sun, Zhongxiang Zhou, Yan Li, Yongyuan Jiang, Kebin Xu, Jingwen Zhang Holographic associative memory using a coherently induced double phase conjugate mirror 44754
Xiudong Sun *see* Yan Li 44699
Xiudong Sun *see* Zhongxiang Zhou 14309
Xiufeng Han *see* Han Xiufeng
Xiufeng Wang, Elbuluk, M. Neural network control of induction machines using genetic algorithm training 38726
Xiugan Yuan *see* Yuan Xiugan
Xiuhong Hao *see* Hao Xiuhong
Xiuhua Zhang *see* Weiben Yuan 44809
Xiuhuang Guo *see* Guo Xiuhuang
Xiujun Li, de Jong, G., Meijer, G.C.M. The application of the capacitor's physics to optimize capacitive angular-position sensors 27503
Xiujun Li, Meijer, G.C.M. A new method for the measurement of very low speeds using a multiple-electrode capacitive sensor 27465
Xiuke Zhao *see* Zhao Xiuke
Xiulan Chang *see* Chang Xiulan
Xiulan Zhang *see* Zhang Xiulan
Xiulin Zou *see* Li, T.Y. 10476
Xiuling Ma *see* Ma Xiuling
Xiuling Ying *see* Ying Xiuling
Xiupu Zhang, Jorgensen, B.F. Noise characteristics and optimum fiber length of spectral inversion using four-wave mixing in a dispersion-shifted fiber 36186
Xiurong Guan *see* Ji Du 46394
Xiushan Zhao *see* Zhao Xiushan
Xiuwen Zhu, Whittaker, J. Product development strategy for small and mid-sized air-conditioning enterprises in China 20247
Xiuyin Zhou *see* Zhou Xiuyin
Xiuying Jiang *see* Ying Liu 14154
Xiuying Jiang *see* Yongsheng Zhao 3625
Xiuzeng Zhang *see* Zhang Xiuzeng
Xiuzhi Wang *see* Wang Xiuzhi
Xiuzi Ye Curvature continuous interpolation of curve meshes 30575
Xivry, E.Orban de *see* Orban de Xivry, E.
Xiwen Zhang *see* Zhang Xiwen
Xiwu Li *see* Li Xiwu
Xixia Li *see* Li Xixia
Xixian Chen *see* Weiping Li 16018
Xixian Yao *see* Xiaonong Xu 7249
Xixing, Z., Minhui, Z. The development of on-board imaging processor for airborne SAR in China 16944
Xiyao Cai *see* Cai Xiyao
Xiyong Song *see* Davis, G.M. 56718
Xiyun Mao *see* Mao Xiyun
Xizhang Luo, Cong Li Mini-optically pumped NH_3 cavity laser wide band emission at 67.2 μm 44349
Xizhang Luo, Rumen Qiu Optimized operation of optically pumped NH_3 laser emission at 12.08 μm and 12.81 μm 44348
Xizhang Luo *see* Jiayin Qin 13948
Xizhang Luo *see* Luo Xizhang
Xizhen Zhang *see* Zhang Xizhen
Xizhi Shi *see* Xuejun Wang 21114
Xizhi Shi *see* Yuying Yang 28375
Xjaoyin Hong *see* Jianping Lu 2486
Xu, A., Wu, D., Xiang, Q., Zhang, K., Wang, C., Xie, L. Analysis and experiment of multichannel WDM+EDFA optical fiber transmission systems 26679
Xu, A. *see* Xiang, Q. 26680
Xu, A. *see* Xiang, Q. 26681
Xu, A. *see* Yuan, H. 36119
Xu, C. *see* Niu, W. 36744
Xu, C. *see* Norwood, R.A. 3390
Xu, C.L. *see* Huang, W.P. 23553
Xu, C.N., Akiyama, M., Sun, P., Watanabe, T. A novel approach to electrochromism in WO_3 thin film using piezoelectric ceramics for power supply 43889
Xu, C.Q., Shinozaki, K., Okayama, H., Kamijoh, T. Three wave mixing using a fiber ring resonator 33643
Xu, C.Q., Takemasa, K., Nakamura, K., Shinozaki, K., Okayama, H., Kamijoh, T. Device length dependence of optical second-harmonic generation in AlGaAs quasiphase matched waveguides 44661
Xu, C.Q. *see* Okayama, H. 47489
Xu, D., Heiss, H., Kraus, S., Sexl, M., Bohm, G., Trankle, G., Weimann, G., Abstreiter, G. 0.15 μm double modulation doped InAs-inserted-channel

MODFETs: gate recess for optimum RF performances 41440
Xu, D. *see* Sun, X. 48592
Xu, D. *see* Yuan, D.R. 10632
Xu, D.-X. *see* Das, S.R. 42694
Xu, G., McGrath, P.B., Burns, C.W. Accelerated environmental and electrical aging of polymer insulators 38404
Xu, G. *see* Jeng, S.S. 6668
Xu, G. *see* Jin, J.S. 46462
Xu, G.L. *see* Bajaj, C.L. 21139
Xu, G.P., Tso, C.P., Tou, K.W. A review on direct liquid cooling channel flow with single-phase for electronic systems 20874
Xu, G.P., Tso, C.P., Tou, K.W. A review on cooling by channel flow boiling for electronic systems 39779
Xu, G.Q. *see* Zhou, L. 10960
Xu, H., Lu, W.-S., Antoniou, A. Low-delay cosine-modulated QMF bank for MPEG audio compression 4693
Xu, H., Sturm, J.C. Effects of reflective surfaces on silicon emissivity and temperature measurements 22497
Xu, H. *see* Ammons, J.C. 52170
Xu, H. *see* Chang, J.P. 42466
Xu, H. *see* Lu, W.-S. 4790
Xu, H. *see* Vandorpe, J. 27895
Xu, H. *see* Yan, F. 27634
Xu, H.Y. *see* Cai, Z.P. 23868
Xu, J., Chiu, S.Y., Glover, F. Using tabu search to solve the Steiner tree-star problem in telecommunications network design 5894
Xu, J., Weverka, R.T., Wagner, K. Wide-angular-aperture acoustooptic devices 3504
Xu, J. *see* Charette, A. 39268
Xu, J. *see* Kim, J.D. 48669
Xu, J. *see* Li, Y.Q. 2329
Xu, J. *see* Walker, D. 17392
Xu, J. *see* Walker, D. 48504
Xu, J. *see* Wu, X. 55879
Xu, J.B. *see* Lui, K.M. 30771
Xu, J.B. *see* Qicai Peng 12210
Xu, J.F. *see* Kang, W.P. 13175
Xu, J.F. *see* Kang, W.P. 53964
Xu, J.M. *see* Bismuth, J. 36111
Xu, J.M. *see* Sargent, E.H. 55624
Xu, J.M. *see* Xu, M.L. 3829
Xu, J.M. *see* Zhang, Q.M. 12899
Xu, J.P. *see* Lai, P.T. 42997
Xu, J.Y. *see* Pan, J.J. 23480
Xu, J.Z. *see* Xu, Z.Y. 2215
Xu, K. *see* Angell, C.A. 29557
Xu, L., Gokhale, M.R., Studenkov, P., Dries, J.C., Chao, C.-P., Garbuzov, D., Forrest, S.R. Monolithic integration of an InGaAsP-InP MQW laser/waveguide using a twin-guide structure with a mode selection layer 55693
Xu, L., Spielmann, C., Poppe, A., Brabec, T., Krausz, F., Hansch, T.W. Route to phase control of ultrashort light pulses 33437
Xu, L., Tippur, H.V. Crack tip field mapping and crack initiation at polymer-metal interfaces under transient loading conditions 325
Xu, L. *see* Ahmed-Zaid, S. 50346
Xu, L.P. *see* Petrov, M.P. 24107
Xu, M.G. *see* Volanthen, M. 48577
Xu, M.L., Tan, G.L., Clayton, R., Xu, J.M. Increased threshold for the first-order lateral mode lasing in low-ridge waveguide high power QW lasers 3829
Xu, N. *see* Britton, C.L., Jr. 59321
Xu, N.S., Latham, R.V., Goddard, B., Tan, J., Taylor, W. Concurrent optical and electrical observations of the 'spontaneous' surface flashover of solid insulators in vacuum 43443
Xu, N.S. *see* Goddard, B.J. 27983
Xu, Q., Refsum, A., Porrelli, R.A., Allan, K.H. Segmented compensation of split cored current transformers 19828
Xu, Q.F. *see* O'Neill, N.T. 35225
Xu, Q.J., Ding, X.M., Hou, X.Y.., Xun Wang Nitridation of GaAs surfaces stimulated by nitrogen glow discharge 2391
Xu, S.F. *see* Jin, B.B. 11698
Xu, S.J., Chua, S.J., Tang, X.H., Zhang, X.H. Strong interaction of Fermi-edge singularity and exciton related to n=2 subband in a modulation-doped $Al_xGa_{1-x}As/In_yGa_{1-y}As/GaAs$ quantum well 32034
Xu, S.J. *see* Rachid, A. 60821
Xu, S.Y. *see* Low, B.I. 30938
Xu, W. Sample dependence of the density of states in heterojunctions in strong magnetic fields 31949
Xu, W., Hagenauer, J., Hollmann, J. Joint source-channel decoding using the residual redundancy in compressed images 5035
Xu, W., Sandham, W.A., Fisher, A.C., Conway, M. Wavelet transform analysis of the seismocardiogram 49381
Xu, W., Stewart, S.M., Fisher, D.J., Zhang, C. Electrical generation of terahertz electromagnetic pulses by hot-electrons in quantum wells 42232
Xu, W., Wang, D., Zhou, Z., Chen, H. Fault diagnosis of power transformers: application of fuzzy set theory, expert systems and artificial neural networks 38786
Xu, W., Zhang, C. Nonlinear transport in steady-state terahertz-driven two-dimensional electron gases 41975
Xu, W., Zhang, C. Influence of electron temperature on population inversion among electronic subbands in optically pumped semiconductor quantum wells 44498
Xu, W. *see* King, T. 32753
Xu, W. *see* Sun, X. 48592
Xu, W.-J., Ourak, M. Angular measurement of acoustic reflection coefficient for substrate materials and layered structures by V(z) technique 52905
Xu, W.L., Tso, S.K., Wang, X.S. Conceptual design of an integrated laser-optical measuring system for flexible manipulator 27902
Xu, W.P. *see* Xin Huoping 812
Xu, W.W. *see* Wang, H.B. 32918
Xu, W.W. *see* Wang, H.B. 53611
Xu, W.W. *see* Xue, S.Q. 27232
Xu, X., Jayaram, S., Boggs, S.A. Prediction of breakdown in SF_6 under impulse conditions 32648
Xu, X., Nitta, S., Mutoh, A., Jayaram, S. Study on electromagnetic interference of multiconductor twisted-pair wire circuit–the case of two cored twisted-pair wires 56064
Xu, X., Rogers, G.J., Mathur, R.M. Investigation on the impact of infinite buses on power system dynamics simulation 19070
Xu, X. *see* Negahdaripour, S. 25482
Xu, X. *see* Pao, Y.-H. 31110
Xu, X. *see* Yang, J. 39126
Xu, X.D. *see* Zhang, L. 51876
Xu, X.L. *see* Dongchang Sun 43591
Xu, X.N. *see* Kang, S.S. 13413
Xu, Y., Yan, X. Microstructure and magnetic properties in percolating $(Ni\text{-}Fe)_x(SiO_2)_{1-x}$ granular films 3028
Xu, Y. *see* Bruchhaus, R. 52802
Xu, Y. *see* Li, B. 9559
Xu, Y. *see* Micchelli, C.A. 45862
Xu, Y.Z. *see* Jin, W. 27617
Xu, Z., Schwarte, R., Heinol, H., Lange, R., Li, J. Simulation of a 3D-color vision system based on synthetic non-linear modulation 35023
Xu, Z. *see* Castagnolo, B. 3440
Xu, Z. *see* Dixit, G.A. 42665
Xu, Z. *see* Li, J. 33766
Xu, Z. *see* Lu, Q. 19105
Xu, Z. *see* Pillay, P. 29330
Xu, Z. *see* Qi Tan 2951
Xu, Z. *see* Raza, H. 9650
Xu, Z.Y., Lu, Z.D., Yang, X.P., Yuan, Z.L., Zheng, B.Z., Xu, J.Z., Ge, W.K., Wang, Y., Wang, J., Chang, L.L. Carrier relaxation and thermal activation of localized excitons in self-organized InAs multilayers grown on GaAs substrates 2215
Xu Anshi *see* Huang Zhaoming 14260
Xu Anshi *see* Zhang Kan 47902
Xu Bai-Qiang *see* Bai-Qiang Xu
Xu Baokun *see* Peng Zuoyan 48715
Xu Bing, Wu Jianguang, Zhang Zhengquan, Xu Zhizhan Experimental studies on amplifier performance of Ti:sapphire 33461
Xu Bingyin *see* Dong Xinzhou 38446
Xu Bo *see* Bo Xu
Xu Bo-Ling *see* Yuan Zhing-Xuan 15079
Xu Bo-Ling *see* Bo-Ling Xu
Xu Bugong Robust controller design for uncertain systems with interval parameters 38234
Xu Bugong *see* Bugong Xu
Xu Chang-Qing *see* Chang-Qing Xu
Xu Changsheng, Sun Xinding, Zhou Zhaoying, Xu Zhenming, Xu Zhongxin, Zhang Xiao Research on adaptive Kalman filtering of cephalometric image 28087
Xu Changsheng, Xu Zhenming, Zhou Zhaoying, Liu Sixing Edge-preserving recursive noise-removing algorithm and its applications in image processing 46062
Xu Changsheng *see* Xiong Shenshu 28202
Xu Chen, Pease, R.F.W. Minimizing alignment error induced by asymmetric resist coating 22722
Xu Cheng *see* Knight, T.J. 30881
Xu Chenghe *see* Kang Gang 37920
Xu Chengzeng *see* Chengzeng Xu
Xu Chong *see* Chong Xu
Xu Chuan Xiang *see* Zhang Feng 13297
Xu Chuan Xiang *see* Zhang Feng 19852
Xu Chuan-Xiang *see* Chuan-Xiang Xu
Xu Chuanxiang *see* Zhong Lisheng 32599
Xu Dalun *see* He Junfang 23659
Xu Daxin, Xu Wenbin, Yuan Chunwei, Qian Weiping, On Laicheng, Shi Bixiong The experimental research of millimeter wave radiation effects on the amount of SOD in human blood 59838
Xu Daxin *see* Li Yanbao 20512
Xu De-Ju *see* De-Ju Xu
Xu Dehong *see* Dehong Xu
Xu Deming *see* Li Xinwan 41395
Xu Dezhi *see* Liu Linmao 33852
Xu Dong *see* Ding Guifu 51460
Xu Dong *see* Yuan Duo-Rong 44634
Xu Dong *see* Yuan Duorong 24099
Xu Dong *see* Dong Xu
Xu Dongkin *see* Dongkin Xu
Xu Duan Lin, Kyung Hi Chang Optimal PN sequence design for quasisynchronous CDMA communication systems 35970
Xu Enqi, Han Zhenxiang, Yan Hua Synchronous digital hierarchy (SDH) and its microwave transmission system for power system 35912
Xu Faming, Chen Shaohe, Chen Lanrong, Lu Qirong, Xu Shizhong, Fan Dianyuan, Deng Ximing Pulse chopping by fast-response electro-optic deflectors 24055
Xu Faming, Chen Shaohe, Fan Dianyuan, Deng Ximing Matrix expression for electro-optic deflector and application 33132
Xu Fang *see* Fang Xu
Xu Fei *see* Fei Xu
Xu Feng, Chen Wei, Zhang Zhengsong Analysis and measurement on the vibration characteristics of a 300 MW generator rotor seal-bearing system 29235
Xu Feng, Guo Xiuhuang, Tan Jie Multi-platform control of rotating table in anechoic room 58595
Xu Fuyong *see* Fuyong Xu
Xu Fuyun, Chi Zongtao Study on 3.39 μm laser beam attenuator 44605
Xu Gang *see* Gang Xu
Xu Guang *see* Guang Xu
Xu Guanghan *see* Guanghan Xu
Xu Guanghui *see* Guanghui Xu
Xu Guangyou *see* Liu Lifeng 15810
Xu Guangyou *see* Zhu Zhigang 5238
Xu Guangyou *see* Zhu Zhigang 15836
Xu Guangyou *see* Guangyou Xu
Xu Guheng *see* Guheng Xu
Xu Guo Fang *see* Guo Fang Xu
Xu Guochang *see* Guochang Xu
Xu Guoxiang *see* Guoxiang Xu
Xu Guoyu *see* Gao Feng 19114
Xu Guoyu *see* Sun Hongbo 38221
Xu Guoyu *see* Xie Yongsheng 50479
Xu Guozhong An experimental investigation of bipolar corona discharge 23157
Xu Guozhong, Wang Sanhu Eliminating paper separation electrification using ion flow 14527
Xu Haifeng *see* Zeng Shaoqun 18315
Xu Hongding *see* Sun Changqing 36785
Xu Hongjie *see* Zhao Xiaofeng 36994
Xu Hongqi *see* Hongqi Xu
Xu Hongqing, Palmiere, E.J. Particulate fracture during the thermomechanical processing of a SiC_p/Al metal matrix composite 10934
Xu Hu-Shan, Zhu Yong-Tai, Wei Zhi-Yong, Lu Jun, Li Song-Lin, Wang Qi, Xie Yuan-Xiang, Zhang Yu-Hu, Wu Zhong-Li, Yin Shu-Zhi, Gou Quan-Bu, Zhao Qing-Zhong, Song-Ming-Tao A compact isotope identification telescope with a wide dynamic range 18113
Xu Huaizhe, Zhu Meifang, Hou Boyuan Analytical expressions for resonant-tunneling lifetime in symmetrical double-barrier structures 12494
Xu Huijun *see* Tang Pingsheng 23824
Xu Jia-Yue *see* Jia-Yue Xu
Xu Jian *see* Kang Hui 4148
Xu Jian *see* Jian Xu
Xu Jian-Xin *see* Jian-Xin Xu
Xu Jiandong, Li Chunfei Novel method for measuring electro-optic coefficients of poled polymer 17847
Xu Jiandong, Liu Shutian, Yang Kun, Yang Miao, Li Chunfei Corona poling and second harmonic generation in fused silica 24239
Xu Jiandong *see* Bao Xinxian 32998
Xu Jianguang *see* Chen Junlin 38299
Xu Jianqiu *see* Li Juan 24046
Xu Jianwu *see* Jianwu Xu
Xu Jianxiong *see* Jianxiong Xu
Xu Jianxue, Fu Weiping, Zhang Xinhua Bifurcation of the electromechanically coupled subsynchronous torsional oscillating system with hysteretic behavior 60662
Xu Jianzhen *see* Jianzhen Xu
Xu Jin, Zhang Junying, Bao Zheng Graph coloring algorithms based on Hopfield network 10322
Xu Jin-Ping *see* Jin-Ping Xu
Xu Jinchao *see* Jinchao Xu
Xu Jing-Jun *see* Liu Si-Min 43988
Xu Jing-Jun *see* Sun Qian 33740
Xu Jingjing *see* Xu Zhongyou 53308
Xu Jingjun *see* Jingjun Xu
Xu Jingping *see* Lai, P.T. 2669
Xu Jingping *see* Lai, P.T. 42423
Xu Jingping *see* Wu Yanjun 59431
Xu Jingwei *see* Jingwei Xu
Xu Jinwu *see* Jinwu Xu
Xu Jun *see* Li Hongpu 33189
Xu Jun *see* Jun Xu
Xu Jun-Hao *see* Jun-Hao Xu
Xu Junguo *see* Junguo Xu
Xu Junying *see* Lu Liwu 32006
Xu Juyan *see* Yu Zongguang 53288
Xu Kebin *see* Li Yanqiu 4147
Xu Kebin *see* Zhao Hua 33715
Xu Kebin *see* Kebin Xu
Xu Keshu *see* Chen Weijun 46395
Xu Keshu *see* Keshu Xu
Xu Lei *see* Lei Xu
Xu Leslee *see* Leslee Xu
Xu Li, Zhu Jing, Jiang Jingping Application of symmetric multi-valued logic to genetic algorithms 10349
Xu Li *see* Li Xu
Xu Li-Hong *see* Li-Hong Xu
Xu Liang, Wen-Hua Liu, Qi-Rong Jiang, Zhong-Hong Wang, Xiang-Rong Li, Zun-Yi Liu, Jian-Shan Li Development of a voltage source inverter based static VAr generator 19217

Xu Liang, Wu Zhensen, Wang Wenbing Study of the fractal array antennas 45439
Xu Liang-Jun *see* Liang-Jun Xu
Xu Liangying *see* Liangying Xu
Xu Lihua, Xia Wuyong Virtual network and protocol 25960
Xu Liming, Wang Rui, Guo Jie Improving performance of high voltage MOA by single-unit structure in uneven heavy pollution area 50636
Xu Liqing Estimation of the channel capacity in the optical soliton communication system 58397
Xu Liu *see* Bin Wang 3520
Xu Liu *see* Jia-Yu Zhang 33283
Xu Liu *see* Yutang Ya 7497
Xu Lixing *see* Lixing Xu
Xu Longya *see* Longya Xu
Xu Lou *see* Lou Xu
Xu Meihe, Tang Zesheng A boundary element method for simulation of deformable objects 15834
Xu Min *see* Min Xu
Xu Ming *see* Yang Zhilin 50713
Xu Ming *see* Ming Xu
Xu Mingjie *see* Xiao Zhixiong 54038
Xu Mingzhen *see* He Yandong 2284
Xu Mingzhen *see* Mingzhen Xu
Xu Peiliang *see* Peiliang Xu
Xu Penggen *see* Chen Zhangyou 15589
Xu Pengshou *see* Pengshou Xu
Xu Pengshuo *see* Ji Hang 32209
Xu Ping *see* Guo Yong-Kang 44805
Xu Ping *see* Tang Jiyue 55923
Xu Pingmao *see* Pingmao Xu
Xu Qingrui *see* Qingrui Xu
Xu Ri, Ning Hui, Qiu Aici, Mo Fan, Qiu Yuchang Experiment researches of rep-rate gas spare gap insulation recovery 29502
Xu Rongqing *see* Zhao Shuqing 58431
Xu Ruren *see* Ruren Xu
Xu Senlin *see* Lu Xiangshun 37064
Xu Senlin *see* Lu Xiangshun 59119
Xu Shanjia *see* Sheng Xinqing 14672
Xu Shanjia *see* Shanjia Xu
Xu Shanjin *see* Shanjin Xu
Xu Shengbo, Wang Xinmei Study and implementation of techniques of authentication and encryption in group special mobile 47686
Xu Shengbo, Wu Chuankun, Wang Xinmei Authentication and key distribution for a mobile communication network 16626
Xu Shifa *see* Jin Biaobing 55146
Xu Shiyi, Dias, G.P. The methodology of testability prediction for sequential circuits 11380
Xu Shizhong *see* Xu Faming 24055
Xu Taishan, Xue Y, Han Zhenxiang Small-disturbance voltage stability analysis with EEAC method 28734
Xu Taoguang *see* Taoguang Xu
Xu Tian *see* Tian Xu
Xu Tian-Bing *see* Tian-Bing Xu
Xu W-Ping *see* W-Ping Xu
Xu Wan-Jing *see* Wan-Jing Xu
Xu Wei *see* Wei Xu
Xu Weiwei *see* Wu Peiheng 13501
Xu Weixuan *see* Weixuan Xu
Xu Wen *see* Wang Dazhong 19786
Xu Wen *see* Wen Xu
Xu Wenbin *see* Xu Daxin 59838
Xu Xiangdong *see* Cao Renfeng 29099
Xu Xiangdong *see* Jing Dong 38450
Xu Xiangdong *see* Zhang Tao 29084
Xu Xiao Lin *see* Wu Qihui 56414
Xu Xiaobin *see* Iwamoto, M. 31644
Xu Xiaofei *see* Wang Gang 47009
Xu Xiaojian *see* Xiaojian Xu
Xu Xiaoliang, Zhu Lixin, Chen, T.P., Fung, S., Li Shumin Optical transitions in germanium dioxide 3321
Xu Xiaolin *see* Li Deheng 29050
Xu Xiaonong *see* Xiaonong Xu
Xu Xin *see* Xin Xu
Xu Xin-Wei *see* Xin-Wei Xu
Xu Xue-Jun, Jiang Mei-Qun Parallel algorithms for a nonlinear monotone problem 501
Xu Xuejun *see* Xuejun Xu
Xu Yangzi *see* Yangzi Xu
Xu Yansheng *see* Yansheng Xu
Xu Yanyang, Zheng Xiaoguang, Hao Jingchen, Song Macheng A GaAs 1:8 demultiplexer on 1 K-gates GaAs gate array 53382
Xu Yanzhong, Qiu Muqing, Li Naipin, Cao Guangjun, Liu Sanqin A light addressing electrochromic device 44085
Xu Yao *see* Zheng Min 32823
Xu Yaoliang *see* Lin Ruisen 39431
Xu Yi *see* Yi Xu
Xu Yiheng *see* Zhao Futao 38507
Xu Yin-Lin *see* Li Hui-Jun 53468
Xu Ying *see* Wen Minghua 35676
Xu Ying *see* Ying Xu
Xu Yong *see* Jiang Yueyuan 38496
Xu Yongchen *see* Yongchen Xu
Xu Yongqin *see* Zhou Zhixin 60082
Xu Yongqing *see* Cao Pengzhi 58432
Xu You *see* You Xu
Xu Youfang About the intention-type management in power system development 60327
Xu Youren *see* Liu Chuntian 48688
Xu Youshi *see* Youshi Xu
Xu Yu *see* Chen Fushen 7470
Xu Yu *see* Yu Xu
Xu Yuan *see* Liu Chuntian 48688
Xu Yuan *see* Yuan Xu
Xu Yuanjian *see* Yuanjian Xu
Xu Yuanze *see* Yuanze Xu
Xu Yuchao *see* Dai Shiliang 50874
Xu Yuheng *see* Li Yanqiu 4147
Xu Yun Canard phenomenon in second-order autonomous unijunction transistor circuit 21463
Xu Zelin *see* Miettinen, J. 35146
Xu Zhang *see* Zhang Xu
Xu Zhaogen, Wang Zheming, Wang Weiying Design of SAW scrambler chips for CATV 58574
Xu Zhaopeng Methane/hydrogen-based reactive ion etching on GaAs 54415
Xu Zhen *see* Zhen Xu
Xu Zheng The extended Bergeron model for electromagnetic transient analysis in multiphase transmission lines 19320
Xu Zheng Characteristics of HVDC connected to weak AC systems. I 60356
Xu Zheng *see* Zheng Xu
Xu Zhengwei *see* Wu Chengke 46427
Xu Zhenjia *see* Zhenjia Xu
Xu Zhenlin *see* Wu Zhong 51043
Xu Zhenming *see* Xu Changsheng 28087
Xu Zhenming *see* Xu Changsheng 46062
Xu Zhenyao *see* Zhenyao Xu
Xu Zhicai *see* Zhicai Xu
Xu Zhigang *see* Zhigang Xu
Xu Zhiyong *see* Liao Guisheng 36229
Xu Zhizhan *see* Xu Bing 33461
Xu Zhizhan *see* Zhizhan Xu
Xu Zhizhong Optical properties of strained GaAs layers grown on the Ge_xSi_{1-x}(001) substrates 1998
Xu Zhongxin *see* Xu Changsheng 28087
Xu Zhongyou, Liu Honaxin, Chou Changsheng, Yang Xiaoli, Dai Lu, Xu Jingjing, Chi Li Top-down design for 32-bit RISC core 53308
Xu Zhu *see* Zhu Xu
Xu Zhuo *see* Fan Huiqing 43496
Xu Zihua *see* Li Qun 57765
Xu Zizong *see* Han Jiaxiang 37479
Xu Zong-Ben *see* Zong-Ben Xu
Xu Zuyan, Zhang Jingyuan, Yu Chaowen, Kong Yufel, Deng Daochun Femtosecond traveling-wave optical parametric amplifier with BBO 4073
Xu Zuyan *see* Zhang Yufei 24238
Xu Zuyan *see* Zhang Yufei 33712
Xu Zuyan *see* Zuyan Xu
Xu-Ming Wang *see* Qi Wang Song 13698
Xu-Ming Wang *see* Song, Q.W. 55168
Xuan, B., Barnberger, R.H. Complete FIR principal component filter banks 1591
Xuan, M.Tu *see* Tu Xuan, M.
Xuan, N.P. *see* Rhaimini, S.E. 33620
Xuan, Q.Y. *see* Song, Y.H. 8850
Xuan, Q.Y. *see* Song, Y.H. 8851
Xuan, Q.Y. *see* Song, Y.H. 19322
Xuan Bo *see* Bo Xuan
Xuan Jianhua *see* Jianhua Xuan
Xuan Liu *see* Liu Xuan
Xuan Thong Nguyen *see* Moini, A. 25700
Xuan Zhu *see* Zhu Xuan
Xuan Zongqiang *see* Zongqiang Xuan
Xuan-Dai Do *see* Belhadj, C. 19127
Xuan-Ying Lin *see* Lin Xuan-Ying
Xuanhui Lu *see* Shaomin Wang 44621
Xubang Shen *see* Shen Xubang
Xucai Chen, Phillips, D., Schwarz, K.Q., Mottley, J.G., Parker, K.J. The measurement of backscatter coefficient from a broadband pulse-echo system: a new formulation 59423
Xucyou Yan *see* Yan Xucyou
Xudong Wang, Hwu, R.J. FDTD simulation of ultrashort pulse generation via optoelectronic switches 44245
Xudong Wang, Hwu, R.J. A new source formulation for FDTD simulation of high-frequency integrated circuits with and without ground planes 53688
Xudong Zhang *see* Zhang Xudong
Xudong Zhao *see* Yirng-An Chen 31331
XuDuan Lin *see* KyungHi Chang 16614
Xue, D.P. *see* Abbas, H. 45817
Xue, J.S. *see* Xing, W. 19958
Xue, P. *see* Wilson, D.L. 25650
Xue, S. *see* Bult, K. 17268
Xue, S.Q., Li, H.H., Shen, X.C., Wang, H.B., Xu, W.W., Wu, P.H. High Tc harmonic mixer applied to Josephson junction array voltage standard at NIM 27232
Xue, S.Q. *see* Reymann, D. 58609
Xue, S.Q. *see* Wang, H.B. 32918
Xue, S.Q. *see* Wang, H.B. 53611
Xue, T., Kuh, E.S., Wang, D. Post global routing crosstalk risk estimation and reduction 11103
Xue, Y. *see* Luo Yusun 38225
Xue Chen-Chen *see* Chen-Chen Xue
Xue Cheng-Tian *see* Cheng-Tian Xue
Xue Dong-Hui *see* Xiong Yan 57191
Xue Fang *see* Yen-Wei Chen 15570
Xue Fangshi Subwave luminescence in Ge/Si superlattices and porous silicon 2135
Xue Fengzhang, Ni Jinlin Design of printed dipole antenna 56172
Xue Fengzhang, Ni Jinlin Synthesis of conformal phased array pattern 56221
Xue Fengzhang, Ni Jinlin Balun design for printed dipole feeding 56229
Xue Gi *see* Jin Shi 12347
Xue Guo-Qiang *see* Guo-Qiang Xue
Xue Jian-Jun *see* Jian-Jun Xue
Xue Jianan *see* Jianan Xue
Xue Jungong Computing the smallest eigenvalue of an M-matrix 595
Xue Qikun, Hashizume, T., Sakata, T., Hasegawa, Y., Ohno, T., Sakurai, T. Surface geometry of GaAs(001) surface Ga-rich phases grown by molecular beam epitaxy 30826
Xue Qiuzhen *see* Qiuzhen Xue
Xue Rongjian *see* Li Guobao 29562
Xue Rongjian *see* Rongjian Xue
Xue Shanjua *see* Shanjua Xue
Xue Shaolin, Lou Qihong, Wei Yourong An excimer laser pumped tunable picosecond dye laser 3711
Xue Shentain *see* Mao Zepu 59254
Xue Shouqing *see* Shouqing Xue
Xue Tianxiong *see* Hong Xianlong 52984
Xue Tianxiong *see* Tianxiong Xue
Xue Wang *see* Pols, L.C.W. 4579
Xue Y *see* Luo Yusun 28797
Xue Y *see* Xu Taishan 28734
Xue Yaoguo *see* Li Tianying 12081
Xue Yong *see* Yong Xue
Xue Yu *see* Yu Xue
Xue Yuwang, Chen Jingshao Fiber optical code division multiple access technology 46670
Xue Zengquan *see* Wang Kezhi 32097
Xue Zhijun *see* Liu Zhijing 40817
Xue Zhongde Analysis of static flying characteristics of magnetic disk slider with optimization method 32855
Xue-Bin Liang, Yamaguchi, T. On the analysis of global and absolute stability of nonlinear continuous neural networks 31071
Xue-Bo Chen, Stankovic, S. Overlapping decomposition and decentralized LQG control for interconnected power systems 28793
Xue-Feng Liu *see* Liu Xue-Feng
Xue-Hua Wang *see* Wang Xue-Hua
Xue-Jiang Duan *see* Duan Xue-Jiang
Xue-Jun Xu *see* Xu Xue-Jun
Xue-Lin Yang *see* Sheng-Wu Xie 24204
Xue-Qiang Cai *see* Cai Xue-Qiang
Xue-Song Wang *see* Wang Xue-Song
Xue-Song Zhou, Xiangdong Zhang, Daryoush, A.S. A new approach for a phase controlled self-oscillating mixer 41433
Xue-Wen Chen *see* Hong-Jun Su 57155
Xue-Yao Zhang *see* Ting-Yang Chen 18081
Xue-Zhi Qin *see* Qin Xue-Zhi
Xuebang Gao *see* Gao Xuebang
Xuebin Zhang *see* Zhang Xuebin
Xuebing Ren *see* Ren Xuebing
Xuebing Xie, Prince, J.L. Investigation on reference plane effective impedance matrix 40761
Xuechang Yang *see* Yang Xuechang
Xuecheng Hu *see* Hu Xuecheng
Xuechu Shen *see* Shen Xuechu
Xuede Chen *see* Chen Xuede
Xuedong Huang *see* Acero, A. 14931
Xuedong Huang *see* Alleva, F. 15141
Xuedong Huang *see* Mei-Yuh Hwang 14869
Xuefan Gu *see* Gu Xuefan
Xuefan Wang *see* Wang Xuefan
Xuefei Feng *see* Morris, J.E. 41620
Xuefei Tang, van der Ziel, J.P., Chin, A.K. Mode locking of individual array modes of a gain-guided single-quantum-well laser array with an external mirror 55677
Xuefeng Bai *see* Bai Xuefeng
Xuefeng Dong, Ten-Hwang Lai An efficient protocol for call setup and path migration in IEEE 802.6 based personal communication networks 46744
Xuefeng Dong, Ten-Hwang Lai An efficient protocol for call setup and path migration in IEEE 802.6 based personal communication networks 58202
Xueguan Chen *see* Chen Xueguan
Xuehui Zhang *see* Suxing Hu 24070
Xuejun Wang, Xizhi Shi, Zheng Lu The self-encoding genetic algorithm 21114
Xuejun Wang *see* Mai Wu 48904
Xuejun Xu, Likang Li Two-level Schwarz methods for Wilson element approximation of elasticity problem 52573
Xuejun Yang *see* Yang Xuejun
Xuejun Zhu *see* Zhu Xuejun
Xuekui Shen *see* Shen Xuekui
Xuekun Lu *see* Lu Xuekun
Xuelong Zhu *see* Doh-Suk Kim 24830
Xuelong Zhu *see* Doh-Suk Kim 24831
Xuelong Zhu *see* Zhu Xuelong
Xuelu Zou *see* Toratani, H. 32967
Xuemei Li *see* Guotong Du 14189
Xuemei Li *see* Ying Liu 14154
Xuemei Wang *see* Wang Xuemei
Xuemei Xi *see* Xi Xuemei
Xuemei Zhang, Silverstein, D.A., Farrell, J.E., Wandell, B.A. Color image quality metric S-CIELAB and its application on halftone texture visibility 46506
Xuemei Zhang *see* Farrell, J.E. 46374
Xuemei Zhang *see* Liu, W.K. 30752
Xueming Lin, Akansu, A.N. A distortion analysis and optimal design of orthogonal basis for DMT transceivers 16049

Xueqin Shen *see* Shen Xueqin
Xueqing Liu, Pinto, N.G. Frequency domain π-phase-shift reflectrometry for soil moisture measurement. I. Theory 28645
Xueqing Zhao *see* Zhao Xueqing
Xuerong Mao, Bugong Xu Comments on "An improved Razumikhin-type theorem and its applications" [and reply] 39977
Xueru Zhang *see* Zhang Xueru
Xuesong Wang, Shunping Xiao, Zhaowen Zhuang, Yonghu Zeng, Huamin Tao Target recognition based on polarization frequency stability 6927
Xuesong Wang, Shunping Xiao, Zhaowen Zhuang, Yonghu Zeng, Huamin Tao Target recognition based on extraction of dynamic polarization structure features 8648
Xuesong Wang *see* Shunping Xiao 6926
Xuesong Wang *see* Shunping Xiao 8647
Xuesong Wang *see* Wang Xuesong
Xuesong Zhou *see* Zhou Xuesong
Xuewei Shang *see* Shang Xuewei
Xuewen Gan *see* Gan Xuewen
Xuewen Ni *see* Ni Xuewen
Xuexia Zhang *see* Zhang Xuexia
Xuexiang Cai *see* Cai Xuexiang
Xuexiong Huang *see* Weiqin Zou 54930
Xueyi Wang *see* Wang Xueyi
Xueyin Lin *see* Lin Xueyin
Xueyou Yang *see* Yang Xueyou
Xueyun Chen *see* Chen Xueyun
Xuezhen Zhang *see* Zhang Xuezhen
Xuezhong Zhu *see* Zhu Xuezhong
Xuguang Yan *see* Yan Xuguang
Xuguang Yang, Ramchandran, K. A low-complexity region-based video compression framework using morphology 57277
Xuhong Hu, Meiyuan Wang, Min Zhang BiCMOS gate array circuits 53156
Xuming Xiong *see* Xiong Xuming
Xuming Zhang Asymptotic multiuser efficiency for decision-feedback multiuser detection 5803
Xun Hou *see* Hou Xun
Xun Li *see* Li Xun
Xun Wang, Xiao-Yuan Hou, Zhe-Shen Li, Xi-Ying Chen X-ray photoelectron spectroscopic studies of sulphur-passivated GaAs surfaces 2357
Xun Wang *see* Gubo Li 2352
Xun Wang *see* Wang, J.B. 2155
Xun Wang *see* Xian-An Cao 32369
Xun Wang *see* Xu, Q.J. 2391
Xun Wang *see* Wang Xun
Xun Yi On design and analysis of a new block cipher 56307
Xun Zhang Wen *see* Wen Xun Zhang
Xun-Min Ding *see* Xian-An Cao 32369
Xunlang Liu *see* Liu Xunlang
Xunlei Jiang Simulation of MESFET device by streamline-diffusion finite element methods 13036
Xunwei Wu *see* Pedram, M. 43307
Xunwei Wu *see* Qing Wu 43324
Xunwei Zhou *see* Hengchun Mao 38827
Xuping, Z. *see* Xinlau, M. 21355
Xuping Zhang *see* Zhang Xuping
Xuqiang Shen *see* Shen Xuqiang
Xusheng Chen, Venkata, S.S. A three-phase three-winding core-type transformer model for low-frequency transient studies 51092
Xuyun Chen, Ting Zhou, Qianling Zhang, Wei Li, Hao Min A VLSI architecture for discrete wavelet transform 57479
Xuyun Chen *see* Chen Xuyun
Xuzhou Chen, Chu, M.T. On the least squares solution of inverse eigenvalue problems 21156
Xuzhou Hu *see* Hu Xuzhou
Xuzong Chen *see* Yiqiu Wang 48306
Xydeas, C., Binshi Cao Source driven variable bit rate prototype interpolation coding 14901
Xydeas, C. *see* Haiyun Yang 4583
Xydeas, C.S. *see* Farrow, G.S.D. 15472
Xylomenos, G., Polyzos, G.C. IP multicast for mobile hosts 25927

y de Dompablo, M.E.Arroyo *see* Arroyo y de Dompablo, M.E.
y Del Sarmiento, J.L.Del Alamo *see* Del Alamo y Del Sarmiento, J.L.
y Leon, M.E.C.Coss *see* Coss y Leon, M.E.C.
Y Xue *see* Xue Y
Y-Jen, J. *see* Gorska, M. 42042
Ya Cheng *see* Jiun Shiu 30152
Ya Jiang Zhu *see* Zhu Ya Jiang
Ya Li *see* Li Ya
Ya Peihua *see* Peihua Ya
Ya Yutang *see* Yutang Ya
Ya-Chin King, Bin Yu, Pohlman, J., Chenming Hu Punchthrough diode as the transient voltage suppressor for low-voltage electronics 2573
Ya-Fang Lin *see* Ren-Ying Sun 13234
Ya-Hui Wang *see* Wang Ya-Hui
Ya-Lin Lu *see* Yan-Qing Lu 4067
Ya-Lin Lu *see* Lu Ya-Lin
Ya-Min Lee Joseph *see* Joseph Ya-Min Lee
Ya-Qin Jin Retrieval of crop biomass in 1989 by using ANN model of 1988 8565
Ya-Qin Zhan *see* Xiaobing Lee 15474
Ya-Qin Zhang *see* Martucci, S.A. 35185
Ya-Qin Zhang *see* Tihao Chiang 35198
Ya-Qin Zhang *see* Tihao Chiang 57098
Ya-Qin Zhang *see* Weiping Li 35188
Ya-Qin Zhang *see* Zixiang Xiong 56695
Ya-Qiu Jin, Xingzhong Huang Numerical T-matrix solution for polarized scattering from clusters of non-spherical scatterers 33993
Ya-Qiu Jin *see* Dajun Cheng 23347
Ya-Qiu Jin *see* Dajun Cheng 33815
Ya-Wei Wang *see* Yin-Liang Yuan 35157
Yaacoub, J. *see* Reveilles, J.-P. 5003
Yaba, M. *see* Nakamura, K. 17105
Yabe, H. *see* Fengchao Xiao 21215
Yabe, H. *see* Fengchao Xiao 56111
Yabe, H. *see* Harino, K. 58504
Yabe, H. *see* Marumoto, K. 22678
Yabe, H. *see* Marumoto, K. 31263
Yabe, H. *see* Xiao, F. 52993
Yabe, T. *see* Elsadek, H. 44768
Yabin Huang *see* Baolong Yu 44740
Yablokova, I.E. *see* Bagotzky, V.S. 61048
Yablonovitch, E. *see* Boroditsky, M. 3641
Yablonovitch, E. *see* Cheng, C.C. 41929
Yablonovitch, E. *see* Cheng, C.G. 22729
Yablonovitch, E. *see* Lee, X.Y. 38977
Yablonovitch, E. *see* Lee, X.Y. 38995
Yablonovitch, E. *see* Reese, C. 33243
Yablonovitch, E. *see* Wei Chang 33315
Yablonovitch, E. *see* Yang, H.-Y.D. 24552
Yablonski, D. Voice messaging in Vietnam: virtual solution for a real challenge 6000
Yablonskii, G.P., Gurskii, A.L., Lutsenko, E.V., Marko, I.P., Hamadeh, H., Soellner, J., Taudt, W., Heuken, M. Optically-pumped lasing of doped ZnSe epitaxial layers grown by metal-organic vapour-phase epitaxy 55601
Yablonskii, G.P. *see* Gurskii, A.L. 22364
Yablonskii, G.P. *see* Gurskii, A.L. 40476
Yabu, T., Sawa, S., Geshiro, M. Measurement of refractive index distribution of optical waveguides by the propagation mode near-field method employing an improved inverse analysis 43973
Yabu, T. *see* Segawa, M. 43025
Yabu, T. *see* Uehara, T. 2803
Yabukami, S. *see* Yamaguchi, M. 7533
Yabukami, S. *see* Yamaguchi, M. 7561
Yabuki, I. *see* Yamamoto, M. 52254
Yabumoto, M. *see* Kobayashi, F. 11236
Yabumoto, M. *see* Mogi, H. 7530
Yabumoto, N. *see* Kodate, J. 42400
Yabumoto, N. *see* Saito, K. 42372
Yabumoto, N. *see* Sato, Y. 42412
Yabusaki, H. *see* Vig, R. 58680
Yabuta, H. *see* Sone, S. 854
Yabuta, H. *see* Yamaguchi, H. 41538
Yabuta, H. *see* Yoshida, M. 11441
Yabuta, M. *see* Ueshima, M. 1360
Yabuta, Y. *see* Furukawa, H. 23935
Yabuta, Y. *see* Mizumoto, H. 15958
Yabuuchi, Y., Kobayashi, M., Watada, M., Ebihara, D., Takura, T., Okada, T. Application of a cylindrical moving coil linear DC motor to printer head 9279
Yabuuchi, Y. *see* Nishio, T. 39108
Yacamini, R. Overview on sources of harmonic distortion 60201
Yacamini, R., Bronzeado, H., Gordon, I. The impact of energy regeneration on isolated electrical system with multiple variable speed drives 61247
Yacamini, R., Paschoareli, D. A unified power flow controller using space vector modulation control 50465
Yacamini, R. *see* Bronzeado, H.S. 19783
Yacamini, R. *see* Chang, S.C. 61248
Yaccarino, R.G., Rengarajan, S.R. A comparison of two spherical wave expansion techniques 45351
Yaccarino, R.G. *see* Blanch, S. 34378
Yacef, K., Alem, L. Evaluation of learner's skills in the context of dynamic and complex systems 28585
Yachi, T. *see* Matsumoto, S. 32566
Yachi, T. *see* Matsumoto, S. 43078
Yachi, T. *see* Matsumoto, S. 43092
Yachida, M. *see* Haiyuan Wu 5612
Yachida, M. *see* Haiyuan Wu 5621
Yachida, M. *see* Haiyuan Wu 25506
Yachida, M. *see* Hua Yu 5110
Yachida, M. *see* Iwai, Y. 25330
Yachida, M. *see* Iwai, Y. 25708
Yachida, M. *see* Kimura, S. 25792
Yachida, M. *see* Pramadihanto, D. 25327
Yachida, M. *see* Pramadihanto, D. 25789
Yachida, M. *see* Qian Chen 57118
Yachida, M. *see* Shih-Chieh Wei 27903
Yachida, M. *see* Wu, H. 25791
Yachida, M. *see* Yagi, Y. 5325
Yachida, M. *see* Yagi, Y. 36680
Yachida, M. *see* Yagi, Y. 36682
Yachida, M. *see* Yokoyama, T. 25790
Yachizaka, J. *see* Adachi, M. 930
Yachyang Sun, Ting-Chi Wang, Wong, C.K., Liu, C.L. Routing for symmetric FPGAs and FPICs 41057
Yacobi, Y. *see* Maurer, U.M. 4542
Yacoby, A., Stormer, H.L., Baldwin, K.W., Pfeiffer, L.N., West, K.W. Magneto-transport spectroscopy on a quantum wire 12512
Yacoby, A., Stormer, H.L., Wingreen, N.S., Pfeiffer, L.N., Baldwin, K.W., West, K.W. Nonuniversal conductance quantization in quantum wires 12385
Yacoby, A. *see* Heiblum, M. 12465
Yacoob, Y. *see* Horprasert, T. 57376
Yacoob, Y. *see* Morimoto, C. 5619
Yacoub, S.B. *see* Kropatsch, W.G. 5004
Yacoub, S.B. *see* Kropatsch, W.G. 5400
Yacoub-George, E., Wolf, H., Koch, S., Woias, P. A miniaturized ISFET-ELISA system with a pre-treated fused silica capillary as reaction cartridge 27697
Yacoubi, A. *see* Devlaminck, V. 46511
Yacoubian, A. *see* Chao, T.-H. 7235
Yada, E. *see* Yoshida, H. 21760
Yada, H. *see* Nagasawa, M. 22096
Yada, M. *see* Terashima, M. 39322
Yada, M. *see* Terashima, M. 51744
Yada, T., Aoki, M., Maejima, T., Ishizu, A. Formation of a positive photoresist thin film by spin coating: influence of atmospheric temperature 32336
Yada, T. *see* Ogasawara, Y. 18225
Yada, T. *see* Sakata, M. 54990
Yada, T. *see* Wakabayashi, S. 2985
Yadav, K.L. *see* Pujari, S.B. 53706
Yadav, S.K. *see* Chaddah, P. 35175
Yadav, U.S. *see* Panicker, J. 3913
Yadava, R.S. *see* Singh, R. 24575
Yadava, Y.P. *see* Koshy, J. 3275
Yadid-Pecht, O., Pain, B., Staller, C., Clark, C., Fossum, E. CMOS active pixel sensor star tracker with regional electronic shutter 27684
Yadid-Pecht, O. *see* Clark, C. 59883
Yadigaroglu, G. *see* Arnold, H. 9078
Yadon, L.N. *see* Cha-Mei Tang 22149
Yadong Jiang, Zhiming Wu, Xiangdong Chen, Daben Yang, Shaohong Wang Nonlinear humidity effect of polymer based composite film 52857
Yadong Wang *see* Wang Yadong
Yadvish, R.D. *see* Morton, P.A. 16819
Yadvish, R.D. *see* Morton, P.A. 36126
Yae, S., Fujitani, M., Nakanishi, I., Uetsuji, M., Tsuda, R., Nakato, Y. Minority carrier controlled PEC solar cells, using n-Si electrodes modified with LB layers of ultrafine Pt particles 9545
Yaegashi, T. *see* Himeno, T. 53281
Yaegashi, Y. *see* Okada, M. 43763
Yaeger, D.L. *see* Anderson, D.R. 48348
Yaeger-Dror, M. Register as a variable in prosodic analysis: the case of the English negative 4582
Yaezaki, S. *see* Takano, Y. 51908
Yafarov, R.K. *see* Oleinik, V.A. 52761
Yafei Zhou, Dix, G.I., Quaife, P.W. Insulation condition monitoring and testing for large electrical machines 9178
Yaffe, M.J., Rowlands, J.A. X-ray detectors for digital radiography 37754
Yagasa, F. *see* Harada, R. 47459
Yagel, R. *see* Machiraju, R. 15923
Yagel, R. *see* Mueller, K. 49550
Yager, P. *see* Brody, J.P. 17556
Yager, T. NT workgroups and domains 5965
Yaghjian, A.D., Hansen, T.B., Devaney, A.J. Minimum source region for a given far-field pattern 56032
Yaghjian, A.D., Shore, R.A., Woodworth, M.B. Shadow boundary incremental length diffraction coefficients for perfectly conducting smooth, convex surfaces 14587
Yaghmai, F. *see* Park, Y.D. 49587
Yagi, A., Ogata, M. Measurement of work load using brain potentials during VDT tasks 59591
Yagi, E., Hasiguti, R.R., Aono, M. Electronic conduction above 4 K of slightly reduced oxygen-deficient rutile TiO_{2-x} 2060
Yagi, H. *see* Isobe, C. 52799
Yagi, H. *see* Shiraishi, T. 27662
Yagi, H. *see* Wada, S. 11578
Yagi, K. *see* Chujo, T. 37284
Yagi, K. *see* Minoda, H. 40406
Yagi, K. *see* Onuki, H. 59117
Yagi, N. *see* Hayashi, M. 17055
Yagi, R., Yamaguchi, T., Kazawa, H., Kobayashi, S.I. Capacitance dependence of critical tunneling resistance for superconductor-insulator transition in two-dimensional network of Josephson junctions 13509
Yagi, R. *see* Kazawa, H. 42344
Yagi, S. *see* Imai, T. 14437
Yagi, S. *see* Sasagawa, T. 24317
Yagi, T. *see* Seguchi, T. 58089
Yagi, T. *see* Yoshida, K. 3378
Yagi, T. *see* Yoshida, K. 3379
Yagi, T. *see* Yoshida, K. 23486
Yagi, Y., Izuhara, S., Yachida, M. The integration of an environmental map observed by multiple mobile robots with omnidirectional image sensor COPIS 36682
Yagi, Y., Nishii, W., Yamazawa, K., Yachida, M. Rolling motion estimation for mobile robot by using omnidirectional image sensor HyperOmniVision 5325
Yagi, Y., Nishii, W., Yamazawa, K., Yachida, M. Stabilization for mobile robot by using omnidirectional optical flow 36680
Yagi, Y. *see* Iwai, Y. 25330

Yagi, Y. *see* Iwai, Y. 25708
Yagi, Y. *see* Okamura, S. 2949
Yagi, Y. *see* Okamura, S. 32662
Yagi, Y. *see* Otani, H. 53842
Yagi, Y. *see* Shih-Chieh Wei 27903
Yagi, Y. *see* Wakui, S. 60641
Yagisawa, K., Kambara, T., Fuchikami, N., Naito, M. Complete phase locking in modulated relaxation oscillators described by a nonsmooth circle map: positive fractal dimension of the complementary set of phase-locked regions 1170
Yagisawa, T. *see* Sakai, K. 19932
Yagishita, A., Saito, T., Matsuda, S., Ushiku, Y. Effects of cleavage on local cross-sectional stress distribution in trench isolation structure 54424
Yagishita, Y. *see* Hamada, Y. 7081
Yagle, A.E. 1-D and 2-D minimum and non-minimum phase retrieval by solving linear systems of equations 15392
Yagle, A.E., Frolik, J.L. On the feasibility of impulse reflection response data for the two-dimensional inverse scattering problem 14560
Yagle, A.E. *see* Joshi, R.R. 10488
Yagmurov, V.Kh. *see* Danilov, S.V. 23493
Yagodzinskyj, V. *see* Shostak, V. 22136
Yagoura, H. *see* Tsutsumi, H. 12029
Yaguang Lian *see* Lian Yaguang
Yagubskii, E.B. *see* Mukhanov, V.A. 10581
Yaguchi, H., Miyoshi, S., Biwa, G., Kibune, M., Onabe, K., Shiraki, Y., Ito, R. Photoluminescence excitation spectroscopy of $GaP_{1-x}N_x$ alloys: conduction-band-edge formation by nitrogen incorporation 40455
Yaguchi, H. *see* Hosoya, T. 51867
Yaguchi, H. *see* Pan, W. 44556
Yaguchi, K. *see* Ohtsuka, T. 52024
Yaguchi, S. *see* Taya, H. 26921
Yaguchi, T. *see* Sasaki, S. 53900
Yagyu, H. *see* Itoh, T. 40610
Yagyu, H. *see* Nan Jiang 42365
Yagyu, H. *see* Won, J. 30885
Yagyu, M., Shiratori, M., Nishihara, A. Design of linear phase FIR digital filters using minimal number of adders and subtractors 53440
Yahagi, T. *see* Hasan, K. 11595
Yahagi, T. *see* Hasan, M.K. 4699
Yahara, A. *see* Shintomi, K. 40717
Yahara, A. *see* Shintomi, K. 49497
Yahata, H., Nishio, Y., Komiyaji, K., Toyoshima, H., Hiraishi, A., Kinoshita, Y. A 167-MHz 1-Mbit CMOS synchronous cache SRAM 53296
Yahata, S. *see* Shimizu, S. 48680
Yahata, T. *see* Kamahara, J. 6335
Yahia, H.M., Herlin, I.L., Vogel, L. Temporal tracking of oceanographic images by implicit functions 18897
Yahikozawa, K. *see* Xiao-Gang Zhang 51556
Yahiro, M. *see* Nagai, M. 61347
Yair Shoham *see* Bastiaan Kleijn, W. 14899
Yaita, M. *see* Otsuji, T. 55310
Yajima, A. *see* Hada, H. 36805
Yajima, A. *see* Ohno, H. 57800
Yajima, H. *see* Kato, M. 33369
Yajima, H. *see* Wakiwaka, H. 9273
Yajima, K. *see* Miyamoto, M. 9305
Yajima, M. Economic deregulation of electric utility industry and demand-side management 38262
Yajima, M., Hisada, Y., Ishida, Y., Saito, Y., Yamamoto, K., Murakami, S., Tanaka, S., Goto, N., Honjo, K. Trial manufacture of 26 GHz band solid state power amplifier (SSPA) module 53607
Yajima, M. *see* Murakami, S. 31501
Yajima, R. *see* Nakasu, E. 17035
Yajima, S. *see* Kasai, H. 51512
Yajima, S. *see* Ochi, H. 1033
Yajima, S. *see* Takagi, K. 53261
Yajima, Y., Fujie, T. A polyhedral approach for nonconvex quadratic programming problems with box constraints 40109
Yajun Wang *see* Hamers, R.J. 12173
Yajun Wang *see* Wang Yajun
Yakabe, T. *see* Harino, K. 58504
Yakam-Simen, F. *see* Nezry, E. 48066
Yakayama, K. *see* Yamanaka, T. 54179
Yakhin, E.A. *see* Davydov, N.I. 19529
Yakimenko, Y.I. *see* Poplavko, Y.M. 9912
Yakimets, I.V., Gluskin, I.Z., Narovlyanskii, V.G. Detection of electrical power system asynchronous regime on the basis of angle measurement 8948
Yakimets, I.V., Gluzkin, I.Z., Narovlyanskii, V.G. Detection of power system asynchronism by measurement of the phase angle between equivalent generator electromotive forces 28814
Yakimets, I.V., Vinokurov, V.A., Narovlyanskii, V.G. A transport system magnetic suspension based on a high temperature superconductor 9670
Yakimov, A.I., Dvurechenskii, A.V., Stepina, N.P., Scherbakova, L.A., Adkins, C.J., Chorniy, V.Z., Dravin, V.A., Groetzschel, R. The temperature-induced transition from 3d to 1d hopping conduction in porous amorphous $Si_{1-x}Mn_x$ 54109
Yakimov, A.I., Stepina, N.P., Dvurechenskii, A.V. Photostimulated mesoscopic current fluctuations in a-Si based microstructures 44197
Yakimov, A.N. Computer synthesis of antennas 45370
Yakimov, E. *see* Bondarenko, I. 31775
Yakimov, E.B. Microcharacterization of polycrystalline semiconductors by scanning electron microscopy in electron beam induced current mode 12133
Yakimov, E.B. *see* Dremova, N.N. 18122
Yakimov, E.B. *see* Feklisova, O.V. 31776
Yakimov, V.N. Vertical ramp-actuated inertial micropositioner with a rolling-balls guide 32755
Yakimov, V.N. A piezomotor-based versatile positioner for SPM 51065
Yakimova, R. *see* Hallin, C. 54261
Yakimova, R. *see* Marinova, Ts. 2221
Yakimova, R. *see* Raback, P. 52590
Yakimova, R. *see* Valcheva, E. 22243
Yakinci, M.E. Fabrication of $(BiGaPb)_2Sr_2Ca_2Cu_3O_{10+y}$ glass-ceramic superconductor rods 21375
Yakinthos, C.G. *see* Gourgoulis, D.E. 13220
Yako, T. *see* Sugai, K. 54492
Yakobsen, B.I. *see* La Rosa, A.H. 41865
Yakoob, N. *see* Bartter, W.D. 47266
Yakoob, N.A., Locher, M.R., Hogan, D.J. Service independent operations systems 26321
Yakoob, N.A. *see* Nichols, J.M. 26295
Yakovchuk, N.S. *see* Grekhov, I.V. 13945
Yakovchuk, N.S. *see* Grekhov, I.V. 13946
Yakovenko, S. *see* Janssen, P. 13737
Yakovenko, S.A. *see* Soldatov, E.S. 2732
Yakovenko, S.Ye. *see* Kohns, P. 13719
Yakovkin, I.B. *see* Bausk, E.V. 13395
Yakovleff, A. *see* Moini, A. 25700
Yakovlev, A., Kishinevsky, M., Kondratyev, A., Lavagno, L., Pietkiewicz-Koutny, M. On the models for asynchronous circuit behaviour with OR causality 31200
Yakovlev, A., Lavagno, L., Sangiovanni-Vincentelli, A. A unified signal transition graph model for asynchronous control circuit synthesis 31199
Yakovlev, A. *see* Cortadella, J. 41109
Yakovlev, A. *see* Kogan, Y. 52415
Yakovlev, A. *see* Semenov, A. 53100
Yakovlev, A.B., Hanson, G.W. On the nature of critical points in leakage regimes of a conductor-backed coplanar strip line 24539
Yakovlev, A.B., Hanson, G.W. Rigorous mathematical simulation of microstrip-like lines 31464
Yakovlev, A.B. *see* Hanson, G.W. 34146
Yakovlev, A.V., Koelmans, A.M., Semenov, A., Kinniment, D.J. Modelling, analysis and synthesis of asynchronous control circuits using Petri nets 21582
Yakovlev, D.R., Kavokin, K.V. Exciton magnetic polarons in semimagnetic quantum wells and superlattices 54209
Yakovlev, D.R. *see* Kochereshko, V.P. 12396
Yakovlev, D.R. *see* Kochereshko, V.P. 22371
Yakovlev, D.R. *see* Kulakovskii, V.D. 2156
Yakovlev, D.R. *see* Mackh, G. 22316
Yakovlev, D.R. *see* Mackh, G. 22369
Yakovlev, I.V. *see* Freidman, G.I. 18835
Yakovlev, L.V. *see* Andreyev, N.F. 14377
Yakovlev, P.P. *see* Vol'pyan, O.D. 48999
Yakovlev, V.P. *see* Gold, S.H. 7720
Yakovlev, V.P. *see* Karliner, M.M. 17956
Yakovlev, V.P. *see* Mawst, L.J. 44551
Yakovlev, V.P. *see* Syrbu, A.V. 3846
Yakovlev, V.V. *see* Bardeen, C.J. 33664
Yakovlev, V.V. *see* Barty, C.P. 14075
Yakovlev, V.V. *see* Barty, C.P.J. 3802
Yakovlev, V.V. *see* Barty, C.P.J. 7933
Yakovlev, V.V. *see* Barty, C.P.J. 13910
Yakovlev, V.V. *see* Kane, S. 3944
Yakovlev, V.V. *see* Wilson, K.R. 44677
Yakovlev, Y.P. *see* Popov, A.A. 23694
Yakovlev, Yu.O., Kalakov, B.A. The nonlinear optical properties of substituted stilbenes 24143
Yakovlev, Yu.P., Moiseev, K.D., Mikhailova, M.P., Ershov, O.G., Zegrya, G.G. Advanced tunnel-injection laser based on the type II broken-gap GaInAsSb/InAs heterojunction for the spectral range 3-3.5 μm 3890
Yakovlev, Yu.P. *see* Moiseev, K.D. 55654
Yakovlev, Yu.P. *see* Voronina, T.I. 54146
Yakovolev, V.P. Determination of the slant range swath for synthetic aperture radar with a given level of cross interference 6911
Yakovtseva, V.A. *see* Bondarenko, V.P. 42093
Yakowitz, S.J. *see* Morvai, G. 34498
Yaku, T. *see* Miyadera, Y. 26213
Yakubo, K. *see* Qing Hu 13050
Yakubov, A.N. *see* Vildanov, R.R. 59047
Yakubov, V.P., Masharuev, M.L. A method of double focusing for microwave tomography 17755
Yakubovskii, K.V. *see* Voronkova, G.M. 12556
Yakubovsky, Y.V. *see* Turmov, G.P. 50122
Yakuoh, T. *see* Izawa, T. 3774
Yakushev, A.A. *see* Bukhteev, L.A. 9563
Yakushev, M.V., Neumann, H., Tomlinson, R.D. Modification of the $CuInSe_2$ crystal surface during polishing and annealing 54419
Yakushev, M.V. *see* Gremenok, V.F. 22292
Yakushev, M.V. *see* Mullan, C.A. 30723
Yakushev, V.P. *see* Belov, A.S. 37190
Yakusheva, G.G. *see* Kozlovskii, V.I. 44479
Yakushigawa, H. *see* Mizukata, K. 27803
Yalabik, N. *see* Baykal, N. 18209
Yalamanchili, P. *see* Strifas, N. 1734
Yalamanchili, S. *see* Garg, V. 22107
Yalandin, M.I., Shpak, V.G., Shunailov, S.A., Ulmaskulov, M.R. Investigation into the formation and transportation of a relativistic high-current electron beam in a permanent-magnet-based focusing system 24371
Yalandin, M.I., Shpak, V.G., Shunailov, S.A., Ulmaskulov, M.R. An experimental study of the formation and the dynamics of transportation of a magnetically insulated high-current subnanosecond tubular electron beam 27997
Yalcin, H., Hayes, J.P., Sakallah, K.A. An approximate timing analysis method for datapath circuits 11345
Yalcin, M.E., Guzelis, C. CNNs with radial basis input function 35100
Yalcin, O. *see* Akarun, L. 56792
Yalcinkaya, F., Powner, E.T., Rocks, B.F. An intelligent multi-sensing sensor-array 7441
Yalcinkaya, G. *see* Bollen, M.H.J. 39460
Yalcinoz, T., Short, M.J. The economic dispatch-problem by artificial neural network 19182
Yalcinoz, T., Short, M.J. Large-scale economic dispatch using an improved Hopfield neural network 60258
Yalei, W. *see* Weiming, R. 36904
Yalei Kuang *see* Byungyou Hong 40606
Yales, J.T., Jr. *see* Nishino, H. 48474
Yaliang Fan *see* Fan Yaliang
Yalin Xiong, Shafer, S.A. Moment and hypergeometric filters for high precision computation of focus, stereo and optical flow 57160
Yaling Pei *see* Yuqi Yao 25519
Yalisove, S.M. *see* Karpenko, O.P. 752
Yalun Chen *see* Chen Yalun
Yam, C.-S. *see* Kiger, W.S., III 8122
Yam, C.-S. *see* Kiger, W.S., III 8127
Yam, Y.O. *see* Chen, W.D. 47573
Yam, Y.O. *see* Chen, W.D. 47574
Yam Yu-On *see* Yu-On Yam
Yamaashi, K., Kawamata, Y., Tani, M., Matsumoto, H. User-centered video: transmitting video images based on the user's interest 46470
Yamabayashi, N. *see* Kuhara, Y. 58274
Yamabayashi, N. *see* Kuhara, Y. 58275
Yamabayashi, N. *see* Kuhara, Y. 58392
Yamabayashi, N. *see* Nakanishi, H. 58307
Yamabayashi, Y. *see* Kawase, N. 46584
Yamabayshi, Y. *see* Tomizawa, M. 26789
Yamabe, M. *see* Iba, Y. 32308
Yamabe, T. *see* Nishio, S. 40635
Yamada, A., Baosheng Sang, Konagai, M. Atomic layer deposition of ZnO transparent conducting oxides 52820
Yamada, A., Fons, P., Niki, S., Shibata, H., Obara, A., Makita, Y., Oyanagi, H. A shallow state in molecular beam epitaxial grown $CuGaSe_2$ film detectable by 1.62 eV photoluminescence 31924
Yamada, A. *see* Fons, P. 732
Yamada, A. *see* Holmann, E. 35064
Yamada, A. *see* Kosaka, K. 20066
Yamada, A. *see* Kyoh, S. 22641
Yamada, A. *see* Miki, M. 61345
Yamada, A. *see* Miura, N. 54063
Yamada, A. *see* Ohtake, Y. 39064
Yamada, A. *see* Sone, T. 27663
Yamada, A. *see* Yamaguchi, M. 41258
Yamada, E., Kubota, H., Yamamoto, T., Sahara, A., Nakazawa, M. 10 Gbit/s, 10600 km, dispersion-allocated soliton transmission using conventional 1.3 μm single-mode fibres 48003
Yamada, E. *see* Higuchi, T. 50957
Yamada, E. *see* Higuchi, T. 60692
Yamada, E. *see* Nakada, Y. 28939
Yamada, E. *see* Oyama, J. 60694
Yamada, E. *see* Sasaki, S. 53900
Yamada, E. *see* Yoshida, E. 33429
Yamada, F. *see* Hara, S. 44120
Yamada, H. Stimulated emissions in the exact circular electron storage ring 17997
Yamada, H. Femtosecond X-ray pulse generation with a compact electron storage ring 18157
Yamada, H. DVD overview [removable storage media] 48259
Yamada, H., Hagihara, K., Tsukioka, M., Nagaya, K., Goto, M. Pipeline supervisory and control system by satellite communications 48388
Yamada, H., Ohara, S., Iwai, T., Yamaguchi, Y., Imanishi, K., Joshin, K. Self-linearizing technique for L-band HBT power amplifier: effect of source impedance on phase distortion 21925
Yamada, H., Ohta, T., Kaneko, H., Yamada, Y. A practical sputter equipment simulation system for aluminum including surface diffusion model 10862
Yamada, H., Okuda, T., Muroya, Y., Torikai, T., Mukaihara, K., Tomida, S., Uehara, K., Uji, T. Highly uniform low distortion 1.3 μm partially corrugated laser diodes for broadband optical analog CATV systems 17073
Yamada, H., Okuda, T., Torikai, T., Uji, T. Dynamic L-I characteristics measurement of laser diodes for analyzing intermodulation distortion mechanism 58287
Yamada, H., Saito, M. A fine pitch and high aspect ratio bump fabrication process for flip-chip interconnection 12015
Yamada, H., Tsunotani, M., Kaneyama, F., Seki, S. 20.8 Gb/s GaAs LSI self-routing switch for ATM switching systems 26428
Yamada, H., Tsutsui, K. Elastic edge sequence matching method for global extraction and local tracking of echocardiogram 8014

Yamada, H., Tsutsui, K. Elastic edge sequence matching method for global extraction and local tracking of dynamic images 25722
Yamada, H. *see* Hagihara, Y. 41206
Yamada, H. *see* Haruki, R. 5603
Yamada, H. *see* Haruki, R. 25716
Yamada, H. *see* Higuchi, K. 53856
Yamada, H. *see* Higuchi, T. 1289
Yamada, H. *see* Honma, S. 12013
Yamada, H. *see* Honma, S. 52206
Yamada, H. *see* Horiuchi, T. 5364
Yamada, H. *see* Ishibashi, R. 7082
Yamada, H. *see* Iwai, T. 42950
Yamada, H. *see* Iwata, M. 15912
Yamada, H. *see* Kaneyama, F. 11545
Yamada, H. *see* Kikuchi, Y. 7244
Yamada, H. *see* Kikuchi, Y. 43723
Yamada, H. *see* Miwa, T. 1332
Yamada, H. *see* Muroya, Y. 33536
Yamada, H. *see* Naoe, N. 19672
Yamada, H. *see* Okui, Y. 51114
Yamada, H. *see* Takada, K. 24309
Yamada, H. *see* Takano, Y. 51908
Yamada, H. *see* Tateyama, K. 10163
Yamada, H. *see* Togasaki, T. 10165
Yamada, H. *see* Wakiwaka, H. 9273
Yamada, H. *see* Yamakura, T. 24486
Yamada, I. Research project on Nano-Space Laboratory and related topics 10986
Yamada, I. Applications of gas cluster ion beams for materials processing 42435
Yamada, I., Matsuo, J. Lateral sputtering by gas cluster ion beams and its applications to atomic level surface modification 12775
Yamada, I., Matsuo, J. Nanoscale processing by gas cluster ion beams–novel technique in ion beam processing 12794
Yamada, I., Matsuo, J. Gas cluster ion beam processing for ULSI fabrication 43201
Yamada, I., Ogura, N., Goto, A., Sakaniwa, K. Constrained parallel projection methods for optimal signal estimation and design–constrained inconsistent signal feasibility problems 56589
Yamada, I. *see* Akizuki, M. 40535
Yamada, I. *see* Furuya, K. 12835
Yamada, I. *see* Goto, K. 42396
Yamada, I. *see* Matsuo, J. 22582
Yamada, I. *see* Muroyama, S. 51308
Yamada, I. *see* Takeuchi, D. 41868
Yamada, I. *see* Takeuchi, D. 42375
Yamada, I. *see* Tanomura, M. 41872
Yamada, J. Technical trends and future evolution of surface acoustic wave devices 16574
Yamada, J., Miwa, H., Ide, I., Takenaka, T. VP network control of self-sizing networks 35527
Yamada, J. *see* Ide, I. 26051
Yamada, J. *see* Miwa, H. 35535
Yamada, J. *see* Mutoh, S. 1450
Yamada, K., Nakajima, M., Hosokawa, T. Suppressing a longitudinal coupled-bunch instability in the Super-ALIS compact electron storage ring 37071
Yamada, K., Nakamura, K., Murai, H., Kunii, T., Ogawa, Y. Polarization insensitive electroabsorption modulators for high-speed optical gating 23589
Yamada, K., Nakano, T., Yamamoto, S. A method for dynamic range expansion of TV cameras for vehicles 46090
Yamada, K., Taguchi, A., Sone, M. Escapes from the speed down area on training using the back-propagation errors changeable algorithm 46105
Yamada, K., Ueda, H., Takahashi, H., Shimizu, E. Extracting three-dimensional information with complex amplitude pattern matching using a holographic method 15459
Yamada, K., Yamamoto, S. A measurement method of the wetting angle of molten solder 17775
Yamada, K. *see* Abudula, A. 29621
Yamada, K. *see* Araki, H. 29862
Yamada, K. *see* Aruga, R. 41251
Yamada, K. *see* Biswas, P. 41228
Yamada, K. *see* Choong-Gon Lee 29600
Yamada, K. *see* Endo, A. 29619
Yamada, K. *see* Fukunaga, H. 29617
Yamada, K. *see* Ghafouri-Shiraz, H. 44184
Yamada, K. *see* Hosokawa, T. 7747
Yamada, K. *see* Katoh, Y. 24020
Yamada, K. *see* Kizuka, T. 42244
Yamada, K. *see* Koike, T. 18960
Yamada, K. *see* Mineo, N. 16796
Yamada, K. *see* Miyazaki, T. 11272
Yamada, K. *see* Mizuno, M. 25768
Yamada, K. *see* Nakajima, N. 5643
Yamada, K. *see* Noguchi, T. 50932
Yamada, K. *see* Noguchi, T. 60744
Yamada, K. *see* Shichijyo, S. 33660
Yamada, K. *see* Sunouchi, K. 41169
Yamada, K. *see* Takebuchi, M. 42711
Yamada, K. *see* Teruya, M. 36890
Yamada, K. *see* Yoshida, T. 20245
Yamada, K. *see* Yoshida, Y. 25286
Yamada, M. Intensity noise in semiconductor lasers 14141
Yamada, M. 1.6 μm-band rare-earth-doped fiber amplifier 44393
Yamada, M., Esaki, S., Omiya, T. A study on IN basic call state model for packet switched network 26302
Yamada, M., Kanamori, A., Takayama, S. Experimental evidence of mode competition phenomena on the feedback induced noise in semiconductor lasers 23915
Yamada, M., Kanamori, T., Ohishi, Y., Shimizu, M., Terunuma, Y., Sato, S., Sudo, S. Pr^{3+}-doped fluoride fiber amplifier module pumped by a fiber coupled master oscillator/power amplifier laser diode 33423
Yamada, M., Ono, H., Kanamori, T., Sudo, S., Ohishi, Y. Broadband and gain-flattened amplifier composed of a 1.55 μm-band and a 1.58 μm-band Er^{3+}-doped fibre amplifier in a parallel configuration 55524
Yamada, M., Saitoh, M., Ooki, H. Electric-field induced cylindrical lens, switching and deflection devices composed of the inverted domains in $LiNbO_3$ crystals 13691
Yamada, M., Sakamoto, F., Katoh, T., Oguri, T., Ikeda, H., Yamazaki, M. Hardware technologies for supercomputer SX-4 20879
Yamada, M., Watanabe, K. A capacitive pressure sensor interface using oversampling Δ-Σ demodulation techniques 27502
Yamada, M., Yamamoto, H., Kosaka, T., Komori, Y., Ohora, Y. Fast output probability computation using scalar quantization and independent dimension multi-mixture 15008
Yamada, M., Yamamoto, H., Kosaka, T., Komori, Y., Ohora, Y. Fast output probability computation using scalar quantization and independent dimension multi-mixture 15108
Yamada, M., Yamane, Y. A design method for dielectric multilayer optical filters 33213
Yamada, M. *see* Ahmed, M. 13659
Yamada, M. *see* Anand, M.B. 2441
Yamada, M. *see* Chan, K.P. 4927
Yamada, M. *see* Furutani, K. 53299
Yamada, M. *see* Kajita, M. 26869
Yamada, M. *see* Kaneyama, F. 11545
Yamada, M. *see* Kato, D. 36336
Yamada, M. *see* Kato, D. 48212
Yamada, M. *see* Kikuchi, T. 12049
Yamada, M. *see* Kohama, T. 48761
Yamada, M. *see* Kosaka, H. 26873
Yamada, M. *see* Kozaru, K. 53297
Yamada, M. *see* Mihara, M. 1395
Yamada, M. *see* Miyamoto, M. 9305
Yamada, M. *see* Morioka, T. 26826
Yamada, M. *see* Nagata, H. 26816
Yamada, M. *see* Nishida, Y. 33422
Yamada, M. *see* Nohara, T. 35597
Yamada, M. *see* Ogawa, N. 9073
Yamada, M. *see* Ono, H. 55533
Yamada, M. *see* Tachibana, M. 21610
Yamada, M. *see* Temmyo, J. 3848
Yamada, M. *see* Tsuruda, T. 41139
Yamada, M. *see* Yamamoto, H. 24818
Yamada, N. Erasable phase-change optical materials 13548
Yamada, N., Ventzek, P.L.G., Date, H., Sakai, Y., Tagashira, H. A large area multi-frequency multiplanar coil inductively coupled plasma source 54471
Yamada, N. *see* Ichimura, M. 44201
Yamada, N. *see* Kaneko, Y. 32222
Yamada, N. *see* Tabuchi, M. 30750
Yamada, N. *see* Tanaka, H. 60525
Yamada, O. *see* Kawai, M. 232
Yamada, R. *see* Smith, R.P. 49321
Yamada, S. The strategy and deployment plan for VICS 7005
Yamada, S. An optimal block terminal assignment algorithm for VLSI data path allocation 40994
Yamada, S., Katou, M., Iwahara, M., Dawson, F.P. Defect images by planar ECT probe of meander-mesh coils 994
Yamada, S., Kubo, T., Yamauchi, K., Ohtsubo, J., Shinoda, M., Utakouji, T., Iwai, T. Testing parameters in a common test method for φ 90 mm/600 Mbyte phase-change optical disks 23458
Yamada, S., Yamane, T., Amemiya, K., Naruke, K. A self-convergence erase for NOR flash EEPROM using avalanche hot carrier injection 1343
Yamada, S. *see* Arita, K. 16395
Yamada, S. *see* Iwahara, M. 38844
Yamada, S. *see* Kamiyama, H. 41250
Yamada, S. *see* Kikutani, T. 31984
Yamada, S. *see* Koeppen, C. 23804
Yamada, S. *see* Koeppen, C. 33399
Yamada, S. *see* Matsuda, H. 55836
Yamada, S. *see* Matsukawa, N. 2836
Yamada, S. *see* Mori, H. 29904
Yamada, S. *see* Murakami, T. 49064
Yamada, S. *see* Shuto, S. 1365
Yamada, S. *see* Tanahashi, S. 60424
Yamada, T., Eriguchi, K., Kosaka, Y., Hatada, K. Impacts of antenna layout enhanced charging damage on MOSFET reliability and performance 43030
Yamada, T., Horio, K. Two-dimensional simulation of surface-state effects on slow current transients in GaAs MESFETs 13032
Yamada, T., Matsuse, K., Sasagawa, K. Sensorless control of direct-field-oriented induction motor operating at high efficiency using adaptive rotor flux observer 50973
Yamada, T., Nakano, R. Scheduling by genetic local search with multi-step crossover 10397
Yamada, T., Sasaki, T. On current testing of Josephson logic circuits using the 4JL gate family 55115
Yamada, T., Suzuki, T., Agata, M., Fujiwara, A., Fujita, T. Capacitance coupled bus with negative delay circuit for high speed and low power (10 GB/s<500 mW) synchronous DRAMs 1400
Yamada, T., Tachikawa, M., Sasaki, T., Mori, H., Kadota, Y. 7000 h continuous wave operation of multiple quantum well laser on Si at 50°C 44461
Yamada, T., Tani, K. Finite element time domain method using hexahedral elements 45071
Yamada, T., Yamazaki, K. A simulation-based diagnosis of logical faults in combinational circuits 11413
Yamada, T. *see* Aoki, M. 1349
Yamada, T. *see* Arai, Y. 15435
Yamada, T. *see* Arai, Y. 46123
Yamada, T. *see* Hatano, K. 48683
Yamada, T. *see* Horio, K. 43117
Yamada, T. *see* Ishikawa, K. 48689
Yamada, T. *see* Itoh, H. 36908
Yamada, T. *see* Kaito, T. 60830
Yamada, T. *see* Kajita, S. 32750
Yamada, T. *see* Kamada, M. 45875
Yamada, T. *see* Kawamoto, S. 19119
Yamada, T. *see* Kishida, T. 19787
Yamada, T. *see* Kitai, M. 46964
Yamada, T. *see* Komatsu, K. 3037
Yamada, T. *see* Nakamura, S. 3870
Yamada, T. *see* Nakamura, S. 23882
Yamada, T. *see* Nakamura, S. 33519
Yamada, T. *see* Nakamura, S. 33562
Yamada, T. *see* Nakamura, S. 44452
Yamada, T. *see* Oguchi, K. 38865
Yamada, T. *see* Okano, K. 53934
Yamada, T. *see* Onuki, H. 59117
Yamada, T. *see* Schaefer, N. 10645
Yamada, T. *see* Shohji, I. 10162
Yamada, T. *see* Sunaga, H. 6406
Yamada, T. *see* Takahashi, J. 54919
Yamada, T. *see* Takemura, Y. 3035
Yamada, T. *see* Takemura, Y. 13410
Yamada, T. *see* Tani, K. 44933
Yamada, T. *see* Tani, K. 51850
Yamada, T. *see* Todd, R.H. 20715
Yamada, T. *see* Yamaguchi, T. 38587
Yamada, T. *see* Yamamoto, Y. 29668
Yamada, T. *see* Yamashita, J. 32398
Yamada, Y. Optical hybrid integration technology using a PLC platform and spot-size converted devices 44309
Yamada, Y. Power plants monitoring system for wide-area maintenance in Japan 50668
Yamada, Y. Ensemble Monte Carlo simulation of electron transport in nonuniformly-doped channels of GaAs devices 54680
Yamada, Y. A drift-diffusion simulation including energy transport for submicrometer GaAs MESFETs 54681
Yamada, Y., Arizumi, M., Sato, S. Automated highway system and longitudinal/lateral control system 26374
Yamada, Y., Habara, K., Misawa, A., Sasayama, K., Tsukada, M., Matsunaga, T., Yukimatsu, K. Prototype of frequency-routing type photonic ATM switch (FRONTIERNET) with cascaded optical buffers 47491
Yamada, Y., Takahashi, T. Physical processes of effective V-F characteristics for submicrometer BP-SAINT GaAs MESFETs 54679
Yamada, Y., Yoshimura, K., Fujita, S.-I., Taguchi, T., Sasaki, F., Kobayashi, S., Tani, T. Ultraviolet stimulated emission due to biexciton decay process in ZnS-based quantum wells 42129
Yamada, Y. *see* Asami, E. 27622
Yamada, Y. *see* Hashimoto, T. 3646
Yamada, Y. *see* Ishikawa, K. 8861
Yamada, Y. *see* Ito, S. 49460
Yamada, Y. *see* Kina, H. 12244
Yamada, Y. *see* Kina, H. 33284
Yamada, Y. *see* Koga, H. 41166
Yamada, Y. *see* Mino, S. 3668
Yamada, Y. *see* Mino, S. 3884
Yamada, Y. *see* Miyata, H. 37384
Yamada, Y. *see* Nakamura, H. 28454
Yamada, Y. *see* Nakamura, K. 48770
Yamada, Y. *see* Niiori, Y. 30735
Yamada, Y. *see* Ohama, T. 18115
Yamada, Y. *see* Sasayama, K. 47915
Yamada, Y. *see* Satonaka, H. 58853
Yamada, Y. *see* Senyo, K. 37386
Yamada, Y. *see* Sugimoto, N. 3442
Yamada, Y. *see* Taguwa, T. 41156
Yamada, Y. *see* Takahashi, M. 38434
Yamada, Y. *see* Tanaka, Y. 49462
Yamada, Y. *see* Thieme, C.L.H. 55107
Yamada, Y. *see* Tokii, A. 49351
Yamada, Y. *see* Uchida, N. 26913
Yamada, Y. *see* Unno, Y. 37398
Yamada, Y. *see* Watanabe, K. 3302
Yamada, Y. *see* Watanabe, K. 13520
Yamada, Y. *see* Watanabe, K. 43842
Yamada, Y. *see* Yamada, H. 10862
Yamada, Y. *see* Yanagisawa, M. 58329
Yamada, Y. *see* Yoshida, T. 44263
Yamada, Y. *see* Yoshino, S. 3494
Yamadaya, M. *see* Morisue, M. 41088
Yamadera, H. *see* Kurosu, M. 57974
Yamafuji, K. *see* Akhmetov, A. 55148

Yamafuji, K. *see* Akiyama, H. 58715
Yamafuji, K. *see* Akiyama, I. 7460
Yamafuji, K. *see* Koike, A. 56831
Yamafuji, K. *see* Matsushita, T. 55092
Yamaga, Y. *see* Wilhite, H. 9728
Yamagami, K. *see* Yamazaki, M. 20256
Yamagata, J. *see* Yan, H. 43726
Yamagata, K. *see* Okamoto, T. 55931
Yamagata, K. *see* Sakaguchi, K. 42353
Yamagata, S., Kawashima, H., Sunaga, K. Application of photoelastic method to measurement of dynamic stress distribution for NS-GT cut quartz crystal resonator 13349
Yamagata, S. *see* Mitsuhashi, T. 38899
Yamagata, S.-I., Hirose, Y., Yamanaka, S., Takano, Y. Properties of silicon-rich aluminum alloys for new lightweight material used for housing semiconductor devices 10161
Yamagata, T., Shimomura, K. Optically controlled metal-oxide semiconductor field-effect transistor operated by long-wavelength light 12966
Yamagata, T. *see* Tomishima, S. 1419
Yamagata, T. *see* Tsuruda, T. 41139
Yamagata, T. *see* Yamamoto, Y. 35809
Yamagata, Y., Mochizuki, I., Ishibe, S. Surge arrestor technology for 1000 kV lines 50635
Yamagata, Y., Morita, S.-Y., Niino, T., Yamamoto, A., Higuchi, T. A trial fabrication of micro structures by ultra precision cutting–formation of micro spiral electrode 43414
Yamagata, Y., Sawada, T., Imai, K., Suzuki, K. Characterization of epitaxial ZnSe/GaAs (100) interface properties and their control by (HF+Se)-pretreatment 31953
Yamagata, Y., Shinkai, T., Saigo, H., Hioki, I., Miyake, N., Suzuki, K., Yokota, T., Yamashita, S., Kojima, S. Development of current interruption testing methods with delayed zero passing for 1000 kV HSGS 8966
Yamagata, Y., Terasawa, Y., Mizoguchi, H., Hioki, I., Yokota, T., Kojima, S., Ikeda, H. Development of an interrupting chamber for 1000 kV high-speed grounding switches 8967
Yamagata, Y. *see* Tamaki, E. 51075
Yamagishi, C. *see* Moritani, A. 13017
Yamagishi, H. *see* Iino, E. 52591
Yamagishi, H. *see* Iino, E. 52592
Yamagishi, H. *see* Kimura, M. 52602
Yamagishi, I. *see* Ohtaka, T. 191
Yamagishi, K. *see* Tsukamoto, O. 50851
Yamagishi, M., Miyatake, K. Intravascular ultrasound imaging of coronary artery 7944
Yamagishi, S., Sekine, Y., Yongchang Zhu, Takada, T. Dynamic variation of internal stress distribution in the curing process of epoxy resin, using high sensitive birefringence measurement system 30986
Yamagishi, S., Sekine, Y., Yongchang Zhu, Takada, T. Dynamic variation of internal stress distribution in the curing process of epoxy resin, using high sensitive birefringence measurement system 59029
Yamagishi, S. *see* Takahara, J. 55276
Yamagishi, Y., Ochiai, M., Ueda, H., Nakanishi, T., Kitazima, M. Pb free solder of Sn-58Bi improved with Ag 10225
Yamagishi, Y. *see* Idehara, T. 36832
Yamagishi, Y. *see* Yamaguchi, I. 11988
Yamagiwa, H. *see* Nakashima, Y. 54780
Yamagiwa, M. Positron-emitting radionuclide yield in deuterium beam-injected ^{3}He plasma 49430
Yamagiwa, T. *see* Hasegawa, T. 38894
Yamagiwa, T. *see* Kondo, T. 25723
Yamagiwa, T. *see* Yoshida, Y. 9429
Yamaguchi, A., Suwa, K., Kawasaki, R. Received signal level characteristics for radio channels up to 30 MHz bandwidth in line-of-sight microcells 47708
Yamaguchi, A. *see* Awano, H. 23354
Yamaguchi, A. *see* Furusawa, A. 52199
Yamaguchi, A. *see* Hiura, S. 7416
Yamaguchi, A. *see* Nakao, S. 42891
Yamaguchi, A. *see* Ogawa, T. 32312
Yamaguchi, A. *see* Seino, S. 58170
Yamaguchi, A. *see* Yasuda, A. 31135
Yamaguchi, A.A. *see* Kimura, A. 10724
Yamaguchi, A.A. *see* Sunakawa, H. 30734
Yamaguchi, C., Takeuchi, M. Influence of toner particle shape and size on electrophotographic image quality 44981
Yamaguchi, C. *see* Kawamura, T. 16508
Yamaguchi, C. *see* Tokumitsu, T. 31523
Yamaguchi, C. *see* Tokumitsu, T. 31532
Yamaguchi, F. *see* Hirose, H. 5272
Yamaguchi, F. *see* Uchida, H. 60542
Yamaguchi, F. *see* Yoshida, N. 377
Yamaguchi, H., Belk, J.G., Zhang, X.M., Sudijono, J.L., Fahy, M.R., Jones, T.S., Joyce, B.A. Precise control of two dimensional growth of InAs on GaAs (111)A surfaces studied by scanning tunneling microscopy 52703
Yamaguchi, H., Himi, H., Akita, S., Morishita, T. Analysis of self-heating in SOI high voltage MOS transistor 43091
Yamaguchi, H., Iizuka, T., Koga, H., Takemura, K., Sone, S., Yabuta, H., Yamamichi, S., Lesaicherre, P., Suzuki, M., Kojima, Y., Nakajima, K., Kasai, N., Sakuma, T., Kato, Y., Miyasaka, Y., Yoshida, M., Nishimoto, S. A stacked capacitor with an MOCVD-(Ba,Sr)TiO_3 film and a RuO_2/Ru storage node on a TiN-capped plug for 4 Gbit DRAMs and beyond 41538
Yamaguchi, H. *see* He, J. 18402
Yamaguchi, H. *see* Kinouchi, Y. 44873
Yamaguchi, H. *see* Koga, H. 41166
Yamaguchi, H. *see* Murakoshi, K. 46106
Yamaguchi, H. *see* Oka, K. 10601
Yamaguchi, H. *see* Pan, A.-W. 18227
Yamaguchi, H. *see* Saito, Y. 32236
Yamaguchi, H. *see* Sone, S. 854
Yamaguchi, H. *see* Tomita, M. 51039
Yamaguchi, H. *see* Xiao-Gang Zhang 51556
Yamaguchi, H. *see* Yamashita, J. 32398
Yamaguchi, H. *see* Yashima, M. 8902
Yamaguchi, H. *see* Yoshida, M. 11441
Yamaguchi, I., Ji-Yuan Liu, Kato, J.-I. Active phase-shifting interferometers for shape and deformation measurements 7661
Yamaguchi, I., Ji-Yuan Liu, Nakajima, T., Kato, J. Active stabilization and real time analysis of interference fringes 17817
Yamaguchi, I., Yoshikawa, M., Watanabe, Y., Ohtake, K., Mizukoshi, M., Kasai, J., Ochiai, M., Yamagishi, Y. Solder bump transcription technology using a dimple-plate method 11988
Yamaguchi, I. *see* Fukano, T. 17839
Yamaguchi, I. *see* Ji-Yuan Liu 7575
Yamaguchi, I. *see* Kuwamura, S. 15809
Yamaguchi, I. *see* Okamoto, T. 13692
Yamaguchi, I. *see* Okamoto, T. 33206
Yamaguchi, J., Takanishi, A. Multisensor foot mechanism with shock absorbing material for dynamic biped walking adapting to unknown uneven surfaces 27894
Yamaguchi, K. Development of LCR laser function trimming unit 14479
Yamaguchi, K., Kotani, K., Masuda, S., Kashiwabara, T. Maximum-weight-window problem of a planar graph 31033
Yamaguchi, K., Uematsu, Y., Ikoma, Y., Watanabe, F., Motooka, T., Igarashi, T. Thermal desorption spectroscopy and molecular beam time-of-flight studies of silicon wafer ultraviolet/ozone cleaning 42582
Yamaguchi, K. *see* CharnKeitKong, P. 24720
Yamaguchi, K. *see* Fujiwara, M. 3046
Yamaguchi, K. *see* Iwata, N. 21921
Yamaguchi, K. *see* Iwata, N. 31503
Yamaguchi, K. *see* Mizuta, H. 53598
Yamaguchi, K. *see* Nakamoto, T. 23070
Yamaguchi, K. *see* Takagi, K. 47265
Yamaguchi, M., Arai, K.I. Electromagnetic microstructure for high frequency applications 23390
Yamaguchi, M., Hirota, K., Oda, M., Iizuka, T. Advanced multilayer printed wiring boards for multimedia equipment 31602
Yamaguchi, M., Masukawa, K., Ikedo, N., Sawaki, N., Fujii, K., Goto, H. Tunneling and interference of electronic states in double quantum well 12492
Yamaguchi, M., Nagatomo, T., Omoto, O. Preparation and characterization of ferroelectric $Bi_4Ti_3O_{12}$ thin films grown on (100)-oriented silicon wafers 2921
Yamaguchi, M., Okuda, T., Taylor, S.J. Minority-carrier injection-enhanced annealing of radiation damage to InGaP solar cells 61090
Yamaguchi, M., Okuda, T., Taylor, S.J., Takamoto, T., Ikeda, E., Kurita, H. Superior radiation-resistant properties of InGaP/GaAs tandem solar cells 51581
Yamaguchi, M., Takamoto, T., Ohmori, M. Analysis of the anomalous spectral response of InP solar cells induced by high fluence proton irradiation 38968
Yamaguchi, M., Taylor, S.J., Matsuda, S., Kawasaki, O., Ando, K. Analysis of damage to silicon solar cells by high fluence electron irradiation 37976
Yamaguchi, M., Vargas-Aburto, C., Taylor, S.J., Ming-Ju Yang, Takamoto, T., Ikeda, E., Kurita, H., Ohmori, M., Uribe, R.M., Brinker, D., Scheiman, D.A. Radiation-resistance of InGaP solar cells 37975
Yamaguchi, M., Wakamatsu, S. Super-high efficiency solar cell R&D program in Japan 38971
Yamaguchi, M., Yabukami, S., Arai, K.I. A new permeance meter based on both lumped elements/transmission line theories 7533
Yamaguchi, M., Yabukami, S., Watanabe, M., Itagaki, A., Arai, K.I. Electromagnetic noise measurements using microstrip coil array 7561
Yamaguchi, M., Yamada, A., Nakaoka, T., Kambe, T. Architecture evaluation based on the datapath structure and parallel constraint 41258
Yamaguchi, M., Yamamoto, T., Hirabayashi, K., Matsuo, S., Koyabu, K. High-density digital free-space photonic-switching fabrics using exciton absorption reflection-switch (EARS) arrays and microbeam optical interconnections 6424
Yamaguchi, M. *see* Aoki, T. 58309
Yamaguchi, M. *see* Hashimoto, K. 13397
Yamaguchi, M. *see* Honda, T. 43719
Yamaguchi, M. *see* Kondoh, T. 46179
Yamaguchi, M. *see* Kudo, K. 52644
Yamaguchi, M. *see* Ming-Ju Yang 38986
Yamaguchi, M. *see* Nishikawa, Y. 58395
Yamaguchi, M. *see* Nishizawa, H. 24995
Yamaguchi, M. *see* Takeda, K. 55391
Yamaguchi, M. *see* Taylor, S.J. 54574
Yamaguchi, M. *see* Teramatsu, H. 58548
Yamaguchi, M. *see* Yamazaki, H. 26814
Yamaguchi, N., Terashima, K., Yoshida, T. Scanning tunnelling microscopy of diamond deposition at the nanometre scale holes on highly orientated pyrolytic graphite 52808
Yamaguchi, N. *see* Aota, T. 49366
Yamaguchi, N. *see* Ezure, H. 29905
Yamaguchi, S., Chiba, K., Saito, Y., Kobayashi, T. Laser microsoldering of tape-automated bonding leads using an Nd:YAG laser end-pumped by a laser diode bar with gradient index lens array coupling 24311
Yamaguchi, S., Igarashi, Y., Enomoto, A., Sato, I. Design of input and output couplers for linear accelerator structures 37158
Yamaguchi, S., Kobayashi, T., Saito, Y., Chiba, K. Collimation of emissions from a 1-cm aperture tightly arranged, multistripe laser-diode bar with a multiprism array coupling 55766
Yamaguchi, S., Tomimuro, H., Ohno, Y., Hino, S. Multichip module technology with a copper-polyimide thin-film multilayer substrate 12031
Yamaguchi, S. *see* Jungemann, C. 13137
Yamaguchi, S. *see* Jungemann, C. 43020
Yamaguchi, S. *see* Kadobayashi, Y. 57878
Yamaguchi, S. *see* Kamiyama, H. 41250
Yamaguchi, S. *see* Kimura, S. 21951
Yamaguchi, S. *see* Koterayama, W. 50150
Yamaguchi, S. *see* Noritake, K. 26247
Yamaguchi, S. *see* Oimatsu, K. 36201
Yamaguchi, S. *see* Tokumitsu, M. 43143
Yamaguchi, T. Silver-glass interactions in microelectronics 11996
Yamaguchi, T., Grattan, K.T.V., Uchiyama, H., Yamada, T. A practical fiber optic air-ratio sensor operating by flame color detection 38587
Yamaguchi, T., Imai, S., Nunokawa, H. PICTIVE-based method to integrate user interface design and object-oriented analysis of measurement systems 7158
Yamaguchi, T., Masuda, T., Kohgami, A., Mikoshiba, S. Degradation of moving-image quality in PDPs: dynamic false contours 58944
Yamaguchi, T., Matsui, K., Hayashi, K., Shinichi, H., You, Y. A novel PWM strategy to minimize surge voltage for current source converter 38821
Yamaguchi, T., Nakata, J. Tetragonal WSi_2 formation by 0.5-5 MeV Xe-ion-beam irradiation at 250°C and 450°C 42246
Yamaguchi, T., Yamamoto, Y., Tanaka, T., Demizu, Y., Yoshida, A. Large grain growth in $Cu(In,Ga)Se_2$ thin films with band gap of around 1.4 eV by thermal crystallization in saturated Se vapors 10869
Yamaguchi, T. *see* Gong, X.Y. 41935
Yamaguchi, T. *see* Jayatissa, A.H. 10734
Yamaguchi, T. *see* Jayatissa, A.H. 12208
Yamaguchi, T. *see* Katayama, H. 27180
Yamaguchi, T. *see* Kawase, Y. 50912
Yamaguchi, T. *see* Kobayashi, M. 32830
Yamaguchi, T. *see* Matsui, K. 38872
Yamaguchi, T. *see* Nakahata, A. 44985
Yamaguchi, T. *see* Ninomiya, K. 49906
Yamaguchi, T. *see* Noguchi, K. 34315
Yamaguchi, T. *see* Ohkubo, M. 40527
Yamaguchi, T. *see* Takahashi, K. 51576
Yamaguchi, T. *see* Tamada, H. 55293
Yamaguchi, T. *see* Xue-Bin Liang 31071
Yamaguchi, T. *see* Yagi, R. 13509
Yamaguchi, Y., Ishikawa, M. Learning of force control using visual information 25724
Yamaguchi, Y., Kim, I.J., Maeda, S., Iwamatsu, T., Ipposhi, T., Inoue, Y., Miyoshi, H. Improvement of leakage-current-related yield of SOI MOSFETs using nitrogen ion-implantation to the source and drain regions 22821
Yamaguchi, Y., Nagasawa, H., Shoki, T., Annaka, N., Mitsui, H. Properties of heteroepitaxial 3C-SiC films grown by LPCVD 10694
Yamaguchi, Y. *see* Ashikaga, K. 22680
Yamaguchi, Y. *see* Boerner, W.-M. 26948
Yamaguchi, Y. *see* Iwamatsu, T. 42993
Yamaguchi, Y. *see* Iwamatsu, T. 53114
Yamaguchi, Y. *see* Kawaguchi, Y. 54669
Yamaguchi, Y. *see* Kim, I.J. 43261
Yamaguchi, Y. *see* Kosaka, M. 27841
Yamaguchi, Y. *see* Maeda, S. 41066
Yamaguchi, Y. *see* Nakagawa, A. 42926
Yamaguchi, Y. *see* Oashi, T. 41171
Yamaguchi, Y. *see* Takeuchi, H. 26714
Yamaguchi, Y. *see* Ueda, K. 21568
Yamaguchi, Y. *see* Yamada, H. 21925
Yamaguchi, Y. *see* Yamakura, T. 24486
Yamaguchi, Y.-I. *see* Ohkubo, R. 22682
Yamaguti, A. *see* Amano, T. 5283
Yamaha, T., Naito, M. Electromigration characteristics of sputtered TiN/Ti/AlSiCu/TiON/Ti interconnects with aluminum reflow 2453
Yamahata, S. *see* Ida, M. 1705
Yamahata, S. *see* Ishii, Y. 13904
Yamahata, S. *see* Ito, H. 22782
Yamahata, S. *see* Matsuoka, Y. 12897
Yamahata, S. *see* Sano, E. 26900
Yamahata Shoji *see* Shoji Yamahata
Yamaillura, M. *see* Taiahashi, K. 10318
Yamaji, A. *see* Nakakita, E. 38070
Yamaji, K. *see* Akimoto, K. 28969
Yamaji, K. *see* Hasegawa, T. 8859
Yamaji, K. *see* Hasegawa, T. 9419
Yamaji, K. *see* Hasegawa, T. 9454
Yamaji, K. *see* Hasegawa, T. 38894
Yamaji, K. *see* Hirano, D. 38319
Yamaji, K. *see* Ishiguro, F. 60359

Yamaji, K. *see* Sato, M. 19281
Yamaji, K. *see* Shirakawa, S. 60354
Yamaji, K. *see* Yoshida, Y. 9429
Yamaji, M., Taniguchi, K., Hamaguchi, C. Multi-band Monte Carlo method using anisotropic-analytical multi-band model 12959
Yamaji, T., Itakura, T. An offset-compensated CMOS programmable gain amplifier 40925
Yamaji, Y. *see* Kato, K. 198
Yamakata, Y. *see* Matsuki, H. 8139
Yamakawa, A. *see* Mori, H. 37762
Yamakawa, E., Fukushima, M. A block-parallel conjugate gradient method for separable quadratic programming problems 486
Yamakawa, K., Ravichandran, D., Bhalla, A.S., Trolier-McKinstry, A., Dougherty, J.P., Roy, R. Sol-gel derived $SrBi_2Ta_2O_9$ thin films and electrical properties 32659
Yamakawa, K., Trolier-McKinstry, S., Dougherty, J.P. Preparation of lead zirconate titanate thin films by reactive magnetron co-sputtering 872
Yamakawa, K. *see* Barty, C.P. 14075
Yamakawa, K. *see* Barty, C.P.J. 3802
Yamakawa, K. *see* Barty, C.P.J. 13910
Yamakawa, N. *see* Watanabe, H. 45709
Yamakawa, S. *see* Sakashita, N. 1340
Yamakawa, T. Silicon implementation of a fuzzy neuron 1661
Yamakawa, T. *see* Kato, R. 18014
Yamakawa, T. *see* Shibata, Y. 20221
Yamakawa, Y. *see* Furuyabu, H. 61290
Yamaki, D. *see* Noda, K. 54984
Yamaki, J. *see* Nanjundaswamy, K.S. 38948
Yamaki, J. *see* Tobishima, S. 61043
Yamaki, J.I., Ohtsuka, H., Shodai, T. Rechargeable lithium thin film cells with inorganic electrolytes 29593
Yamaki, J.I. *see* Shodai, T. 29581
Yamaki, T. *see* Emi, K. 7794
Yamakido, M. *see* Nakanishi, T. 59450
Yamakita, J. *see* Asai, M. 14571
Yamakita, J. *see* Matsumoto, K. 45117
Yamakita, J. *see* Wakabayashi, H. 56123
Yamakita, M. *see* Takagi, M. 13393
Yamakoshi, K. *see* Tanaka, S. 18212
Yamakoshi, S. Semiconductor laser for optical communication systems 6851
Yamakoshi, Y., Kenjo, T. Expansion of the active area by covering SOFC air electrodes with Bi_2O_3 layers 51521
Yamakoshi, Y., Otaki, H., Shinozuka, N., Masuda, H. Internal tissue displacement measurement based on ultrasonic wave Doppler signal digital detection and its application to fetal movement monitoring 18343
Yamakura, T., Yamada, H., Yamaguchi, Y. Resolution improvement of the MUSIC algorithm utilizing two differently polarized antennas 24486
Yamama, S. *see* Miyata, H. 19352
Yamamatsu, J., Kawano, N., Arashi, T., Sato, A., Nakano, Y., Nomura, T. Reliability of multilayer ceramic capacitors with nickel electrodes 11764
Yamamichi, S. *see* Sone, S. 854
Yamamichi, S. *see* Yamaguchi, H. 41538
Yamamichi, S. *see* Yoshida, M. 11441
Yamamori, K. *see* Akiyama, T. 34775
Yamamori, K. *see* Kobayashi, T. 35177
Yamamori, S. *see* Ogasawara, Y. 18225
Yamamoro, M. *see* Sato, K. 55717
Yamamota, K., Maemura, K., Kasai, N., Yoshii, Y., Miyazaki, Y., Nakayama, M., Ogata, N., Takagi, T., Otsubo, M. A single-chip GaAs RF transceiver for 1.9-GHz digital mobile communication systems 16628
Yamamoto, A. Contour-based image representation 46214
Yamamoto, A., Niino, T., Ban, T., Higuchi, T. Performance improvement of electrostatic actuator by skewing electrodes 33848
Yamamoto, A., Niino, T., Ban, T., Higuchi, T. An analysis on performance improvement of electrostatic motor by skewing electrodes 60813
Yamamoto, A., Ohta, T. Thermoelectric figure of merit of silicide two-dimensional quantum wells 20068
Yamamoto, A., Ohta, T. Thermoelectric figure of merit of Si-Ge multilayered thin films 32046
Yamamoto, A., Yamauchi, Y., Ohkubo, M., Hashimoto, A., Saitoh, T. Heteroepitaxial growth of InN on Si(111) using a GaAs intermediate layer 30831
Yamamoto, A. *see* Inoue, Y. 49326
Yamamoto, A. *see* Kaneko, T. 23631
Yamamoto, A. *see* Miura, N. 54063
Yamamoto, A. *see* Naganuma, Y. 7608
Yamamoto, A. *see* Nakagawa, K. 6845
Yamamoto, A. *see* Nakahira, H. 41382
Yamamoto, A. *see* Nakajima, H. 52832
Yamamoto, A. *see* Niino, T. 33847
Yamamoto, A. *see* Otani, H. 53842
Yamamoto, A. *see* Terada, H. 7606
Yamamoto, A. *see* Yamagata, Y. 43414
Yamamoto, A. *see* Yamauchi, Y. 30873
Yamamoto, E. *see* Itagaki, H. 49461
Yamamoto, E. *see* Ito, M. 44596
Yamamoto, E. *see* Shima, T. 12445
Yamamoto, F., Kitamura, A. Asymmetrical excitation of pole-mounted distribution transformer due to direct current inflows 60831
Yamamoto, F. *see* Akhmad, K. 51597
Yamamoto, F. *see* Kitamura, A. 38662
Yamamoto, G. *see* Nakai, K. 53423
Yamamoto, H. Rate-distortion theory for the branching communication system 14766
Yamamoto, H. CRT phosphors and application to FED phosphors 17703
Yamamoto, H. Rate-distortion theory for the Shannon cipher system 56235
Yamamoto, H., Miyakawa, M. Reliability of a circular connected-(r,s)-out-of-(m,n):F lattice system 361
Yamamoto, H., Oshima, M., Fukuda, M., Isa, I., Yoshino, K. Characteristics of aluminium solid electrolytic capacitors using a conducting polymer 11760
Yamamoto, H., Yamada, M., Kosaka, T., Komori, Y., Ohora, Y. Independent calculation of power parameters on PMC method 24818
Yamamoto, H. *see* Akamatsu, H. 1261
Yamamoto, H. *see* Fang, Z.-Q. 12612
Yamamoto, H. *see* Fujiki, M. 56919
Yamamoto, H. *see* Haikawa, Y. 27194
Yamamoto, H. *see* Hanaki, M. 35588
Yamamoto, H. *see* Hirashi, K. 51228
Yamamoto, H. *see* Kawashima, S. 16710
Yamamoto, H. *see* Kobayashi, T. 51380
Yamamoto, H. *see* Kurishige, M. 9701
Yamamoto, H. *see* McArdle, N. 33182
Yamamoto, H. *see* Nishio, K. 37467
Yamamoto, H. *see* Shimizu, T. 15109
Yamamoto, H. *see* Shimizu, T. 15144
Yamamoto, H. *see* Wakamatsu, S. 45211
Yamamoto, H. *see* Yamada, M. 15008
Yamamoto, H. *see* Yamada, M. 15108
Yamamoto, H. *see* Yoshida, H. 35980
Yamamoto, H. *see* Zhao, X.D. 22419
Yamamoto, I. *see* Kobayashi, T. 10937
Yamamoto, I. *see* Nakagawa, M. 17588
Yamamoto, I. *see* Ota, T. 7910
Yamamoto, J., Uchino, S., Hattori, T., Yoshimura, T., Murai, F. Nanometer electron beam lithography with azide-phenolic resin resist systems 32317
Yamamoto, J. *see* Kikuchi, Y. 43723
Yamamoto, J. *see* Kim, S.W. 43864
Yamamoto, J. *see* Seki, J. 49536
Yamamoto, J. *see* Takacs, S. 43774
Yamamoto, J. *see* Tamura, H. 55130
Yamamoto, J. *see* Tanahashi, S. 60424
Yamamoto, J. *see* Yoshimura, T. 32263
Yamamoto, K., Asahi, H., Fushida, A.M., Iwata, K., Gonda, S. Gas source molecular beam epitaxy growth of TlInP for new infrared optical devices 30754
Yamamoto, K., Kitada, M. Magnetic and magnetoresistive properties of sputtered permalloy thin films 13423
Yamamoto, K., Lee, C., Shimokawa, H., Ishida, T., Soga, T. Development of Sn-Pb-Bi solder materials for fine pitch package 10078
Yamamoto, K., Maemura, K., Kasai, N., Yoshii, Y., Miyazaki, Y., Nakayama, M., Ogata, N., Takagi, T., Otsubo, M. A new GaAs negative voltage generator for a power amplifier applied to a single-chip T/R-MMIC front-end 21944
Yamamoto, K., Okada, Y. Development of high grade fiber-optic gyroscopes 58807
Yamamoto, K., Osato, K., Ichimura, I., Maeda, F., Watanabe, T. 0.8-numerical-aperture two-element objective lens for the optical disk 43907
Yamamoto, K., Shimono, T., Okada, T., Kawazawo, Y., Tatsuno, T. New method of purification of HF chemicals for very large scale integration manufacturing 42432
Yamamoto, K., Suzuki, T., Yoshimi, M., Nakajima, A. Low temperature fabrication of thin film polycrystalline Si solar cell on the glass substrate and its application to the a-Si:H/polycrystalline Si tandem solar cell 39029
Yamamoto, K. *see* Hartanto, A. 8265
Yamamoto, K. *see* Haruki, R. 5603
Yamamoto, K. *see* Haruki, R. 25716
Yamamoto, K. *see* Horiuchi, T. 5364
Yamamoto, K. *see* Kadoi, A. 29750
Yamamoto, K. *see* Kanzawa, Y. 30939
Yamamoto, K. *see* Kato, N. 29548
Yamamoto, K. *see* Kinoshita, K. 20237
Yamamoto, K. *see* Kitada, M. 13422
Yamamoto, K. *see* Kitada, M. 13472
Yamamoto, K. *see* Kitaoka, Y. 33081
Yamamoto, K. *see* Kitaoka, Y. 33647
Yamamoto, K. *see* Lee, C. 10083
Yamamoto, K. *see* Miyaki, I. 26054
Yamamoto, K. *see* Miyama, S. 32255
Yamamoto, K. *see* Miyata, H. 37384
Yamamoto, K. *see* Mizuuchi, K. 3978
Yamamoto, K. *see* Mizuuchi, K. 44657
Yamamoto, K. *see* Nakagawa, S. 15030
Yamamoto, K. *see* Nakamura, M. 11768
Yamamoto, K. *see* Nonaka, N. 37380
Yamamoto, K. *see* Ochiai, Y. 12468
Yamamoto, K. *see* Ohsugi, T. 37385
Yamamoto, K. *see* Ohsugi, T. 37392
Yamamoto, K. *see* Senyo, K. 37386
Yamamoto, K. *see* Simokawa, H. 10085
Yamamoto, K. *see* Suzuki, F. 47453
Yamamoto, K. *see* Takahashi, M. 38434
Yamamoto, K. *see* Terashima, M. 23623
Yamamoto, K. *see* Tohyama, O. 18231
Yamamoto, K. *see* Yajima, M. 53607
Yamamoto, M. Computation efficiency of parallel systems related to grain-size and application form in power system calculation 28722
Yamamoto, M., Hyeon, S.S. Determining 3D motion by shape-from-shading 15820
Yamamoto, M., Inutsuka, R., Sakurai, I., Mogi, S., Yabuki, I., Nagai, Y. Technologies for super high-speed SMD mounting machine 52254
Yamamoto, M., Itoh, K. Slot-coupled microstrip antenna with a triplate line feed where parallel-plate mode is suppressed 45399
Yamamoto, M., Koike, T., Nakagawa, S. A menu-guided spoken dialog system and its evaluation 56394
Yamamoto, M., Tanaka, E. Serial and parallel algorithms for computing distances between unrooted and cyclically ordered trees 10312
Yamamoto, M. *see* Chen, K.J. 1321
Yamamoto, M. *see* Chen, K.J. 23011
Yamamoto, M. *see* Chen, K.J. 32461
Yamamoto, M. *see* Dobashi, H. 44113
Yamamoto, M. *see* Eriguchi, H. 39392
Yamamoto, M. *see* Fukunaga, N. 23464
Yamamoto, M. *see* Gavrilov, N.M. 50064
Yamamoto, M. *see* Hashimoto, K. 50076
Yamamoto, M. *see* Hayami, Y. 46445
Yamamoto, M. *see* Hongqi Tian 50916
Yamamoto, M. *see* Itaya, K. 3872
Yamamoto, M. *see* Itaya, Y. 26909
Yamamoto, M. *see* Kajikawa, K. 38801
Yamamoto, M. *see* Kawano, R. 60485
Yamamoto, M. *see* Kitabayashi, H. 22757
Yamamoto, M. *see* Kondo, T. 25723
Yamamoto, M. *see* Kume, T. 4137
Yamamoto, M. *see* Maezawa, K. 56893
Yamamoto, M. *see* Nakao, M. 59686
Yamamoto, M. *see* Oishi, M. 44505
Yamamoto, M. *see* Ren, Y. 18826
Yamamoto, M. *see* Saifuddin, A. 47859
Yamamoto, M. *see* Sato, K. 3949
Yamamoto, M. *see* Sato, K. 44585
Yamamoto, M. *see* Shibata, Y. 13890
Yamamoto, M. *see* Shibuya, S. 60486
Yamamoto, M. *see* Shimada, T. 51513
Yamamoto, M. *see* Takeuchi, H. 55290
Yamamoto, M. *see* Takeuchi, T. 16728
Yamamoto, M. *see* Tode, H. 16040
Yamamoto, M. *see* Tode, H. 35810
Yamamoto, M. *see* Wada, M. 44468
Yamamoto, N., Kishi, K., Matsumoto, S., Kadota, Y., Iga, R., Okamoto, H., Mawatari, H. Electrical evaluation of InP surface damage caused by reactive ion etching with a mixture of methane (CH_4) or ethane (C_2H_6) and hydrogen (H_2) 42574
Yamamoto, N., Kobayashi, K., Nakagawa, K. Wafer level measurement using auto-focus [photolithography] 2479
Yamamoto, N., Makiuchi, M., Terada, K., Miura, K., Yano, M. High reliable bumper structure and passivation technique for flip chip back-illuminated pin photodiode array 13851
Yamamoto, N., Saito, S., Morishita, S., Haneishi, M. Radiation properties of shaped beam antenna using radial line microstrip array 34474
Yamamoto, N. *see* Nakamura, K. 48770
Yamamoto, N. *see* Nishimura, T. 39410
Yamamoto, N. *see* Tanaka, K. 55430
Yamamoto, O., Hara, T., Takuma, T., Matsuura, H., Tanabe, Y., Konishi, T. Numerical design of high voltage insulator structure considering SEEA charge accumulation in vacuum 28921
Yamamoto, O. *see* Arachi, Y. 51529
Yamamoto, O. *see* Chalmers, I.D. 28918
Yamamoto, O. *see* Hayashi, K. 61074
Yamamoto, O. *see* Ikuina, K. 41707
Yamamoto, O. *see* Phillipps, M. 51514
Yamamoto, O. *see* Takeda, Y. 29618
Yamamoto, O. *see* Yamamoto, T. 20007
Yamamoto, R., Sanada, K., Umemura, S. Capacitance modulation from submicron domain on ferroelectric-semiconductor media 3004
Yamamoto, R. *see* Iwatsuki, N. 29346
Yamamoto, R. *see* Jae-Geun Ha 43665
Yamamoto, S., Kobayashi, K., Fujita, Y. Application of BGO scintillators to absolute measurement of neutron capture cross sections between 0.01 eV and 10 eV 18119
Yamamoto, S., Matsumoto, M., Tateno, Y., Iinuma, T., Matsumoto, T. Quoit filter–a new filter based on mathematical morphology to extract the isolated shadow, and its application to automatic detection of lung cancer in X-ray CT 8016
Yamamoto, S., Matsuoka, S., Yano, S. The relationship between human mental variation and stereoscopic images–EEG approach 59592
Yamamoto, S., Watanabe, T., Oda, S. Junction formation in YBaCuO thin films by scanning probe technologies 43784
Yamamoto, S. *see* Ara, T. 29205
Yamamoto, S. *see* Edagawa, N. 26827
Yamamoto, S. *see* Harihara, S. 27182
Yamamoto, S. *see* Higuchi, K. 58923
Yamamoto, S. *see* Hirachi, K. 51300
Yamamoto, S. *see* Horiuchi, Y. 6824
Yamamoto, S. *see* Inoue, N. 24812
Yamamoto, S. *see* Ishiguro, T. 47590
Yamamoto, S. *see* Kamohara, S. 12648
Yamamoto, S. *see* Kimoto, S. 18592
Yamamoto, S. *see* Kobayashi, K. 37531
Yamamoto, S. *see* Kuroiwa, S. 26055

Yamamoto, S. *see* Kuroiwa, S. 46975
Yamamoto, S. *see* Mizuno, M. 25768
Yamamoto, S. *see* Morita, I. 6733
Yamamoto, S. *see* Morita, I. 58298
Yamamoto, S. *see* Nakano, T. 17237
Yamamoto, S. *see* Nakano, T. 49413
Yamamoto, S. *see* Niho, T. 15858
Yamamoto, S. *see* Sakaguchi, Y. 27417
Yamamoto, S. *see* Sakaguchi, Y. 48760
Yamamoto, S. *see* Sekimoto, Y. 14602
Yamamoto, S. *see* Sugihara, T. 4043
Yamamoto, S. *see* Suzuki, M. 58293
Yamamoto, S. *see* Taga, H. 58299
Yamamoto, S. *see* Tanaka, H. 60525
Yamamoto, S. *see* Tanaka, M. 34374
Yamamoto, S. *see* Yamada, K. 17775
Yamamoto, S. *see* Yamada, K. 46090
Yamamoto, S. *see* Yokoyama, T. 31528
Yamamoto, S.Y., Schultz, S., Yun Zhang, Bertram, H.N. Scanning magnetoresistance microscopy (SMRM) as a diagnostic for high density recording 32832
Yamamoto, T. Ferroelectric properties of the $PbZrO_3$-$PbTiO_3$ system 2933
Yamamoto, T., Ando, M., Goto, N., Takahashi, M. Application of radial line slot antenna to millimeter-wave systems at 60 GHz band 34223
Yamamoto, T., Itoh, H., Mori, M., Mori, N., Watanabe, T. Compatibility of mica glass-ceramics as gas-sealing materials for SOFC 51519
Yamamoto, T., Itoh, H., Mori, M., Mori, N., Watanabe, T., Imanishi, N., Takeda, Y., Yamamoto, O. Chemical stability between NiO/8YSZ cermet and alkaline-earth metal substituted lanthanum chromite 20007
Yamamoto, T., Jang, B.W.-L. Aerosol generation and decomposition of CFC-113 by the ferroelectric packed-bed plasma reactor 38108
Yamamoto, T., Katayama-Yoshida, H. P-type doping of the group V elements in $CuInS_2$ 12314
Yamamoto, T., Katayama-Yoshida, H. Materials design for the fabrication of low-resistivity p-type GaN using a codoping method 54336
Yamamoto, T., Kim, K.H., Kinugawa, T., Matsumoto, K., Sasaki, K., Minamitani, H. Optical waveguide type glucose sensor 27537
Yamamoto, T., Kobayashi, H., Ekawa, M., Ogita, S., Fujii, T., Higashi, T., Kobayashi, M. 156 Mbit/s, penalty-free 40 km transmission using a tapered-thickness waveguide BH MQW laser with external optical feedback 26778
Yamamoto, T., Kobayashi, H., Ishikawa, T., Takeuchi, T., Watanabe, T., Fujii, T., Ogita, S., Kobayashi, M. Low threshold current operation of 1.3 μm narrow beam divergence tapered-thickness waveguide lasers 23945
Yamamoto, T., Nakazawa, M. Highly efficient four-wave mixing in an optical fiber with intensity dependent phase matching 33034
Yamamoto, T., Suzuki, S., Suzuki, H., Kawaguchi, K., Takahashi, K., Yoshisato, Y. Effect of the field dependent permittivity and interfacial layer on $Ba_{1-x}K_xBiO_3$/Nb-doped $SrTiO_3$ Schottky junctions 55123
Yamamoto, T., Tanabe, A., Togo, M., Furukawa, A., Mogami, T. High-frequency characteristics and its dependence on parasitic components in 0.1 μm Si-MOSFETs 1727
Yamamoto, T. *see* Bekki, K. 11798
Yamamoto, T. *see* Chen, L.T. 47193
Yamamoto, T. *see* Futamura, S. 39480
Yamamoto, T. *see* Futamura, S. 61384
Yamamoto, T. *see* Hanaizumi, H. 56918
Yamamoto, T. *see* Higashi, T. 44581
Yamamoto, T. *see* Higashi, T. 58323
Yamamoto, T. *see* Higashikubo, T. 16519
Yamamoto, T. *see* Hirabayashi, K. 58084
Yamamoto, T. *see* Ihara, T. 47940
Yamamoto, T. *see* Ikegami, K. 7792
Yamamoto, T. *see* Inoue, M. 43607
Yamamoto, T. *see* Itoh, H. 51515
Yamamoto, T. *see* Itoh, H. 51547
Yamamoto, T. *see* Kemmochi, Y. 14237
Yamamoto, T. *see* Kinjo, H. 56513
Yamamoto, T. *see* Komukai, T. 13624
Yamamoto, T. *see* Komukai, T. 23515
Yamamoto, T. *see* Koyabu, K. 13570
Yamamoto, T. *see* Lawless, P.A. 29930
Yamamoto, T. *see* Makino, M. 35047
Yamamoto, T. *see* Mugino, A. 8523
Yamamoto, T. *see* Nagao, M. 32717
Yamamoto, T. *see* Nakagomi, S. 48722
Yamamoto, T. *see* Nakajima, H. 38111
Yamamoto, T. *see* Sasagawa, T. 24317
Yamamoto, T. *see* Shinohara, H. 59402
Yamamoto, T. *see* Takada, J. 22380
Yamamoto, T. *see* Takebe, T. 52687
Yamamoto, T. *see* Tanaka, K. 26915
Yamamoto, T. *see* Terada, K. 44539
Yamamoto, T. *see* Watanabe, S. 40666
Yamamoto, T. *see* Yamada, E. 48003
Yamamoto, T. *see* Yamaguchi, M. 6424
Yamamoto, Y. Physics and applications of squeezed light from semiconductor lasers 14159
Yamamoto, Y., Arai, S., Matsuda, T., Satoh, M., Inoue, T. Thermal decomposition of CeO_2 in ultra high vacuum as a cause of polycrystalline growth of Si films on epitaxial CeO_2/Si 40394
Yamamoto, Y., Higuchi, K. Development of heating holders for the field-emission scanning electron microscope 41811
Yamamoto, Y., Kita, Y., Yamagata, T., Ato, I., Nishigaki, A. Multimedia digital visual system 35809
Yamamoto, Y., Kusuhara, T., Kumazawa, Y., Nishiyama, Y., Takashima, H., Ohkawa, M., Tanabe, M. The effect of scattering in simultaneous acquisitions of ^{99m}Tc and ^{201}Tl–a fundamental study through phantom experiments 7926
Yamamoto, Y., Nakamura, T., Seki, Y., Akashi, K. Measuring system of impedance pharyngography for diagnosis of swallowing disorders 59613
Yamamoto, Y., Ogura, T., Yamada, T., Ichioka, T. Latest techniques for AC drive 29668
Yamamoto, Y. *see* Araki, N. 28410
Yamamoto, Y. *see* Cao, H. 42226
Yamamoto, Y. *see* Chuang, I.L. 45551
Yamamoto, Y. *see* Hayafuji, N. 22873
Yamamoto, Y. *see* Inoue, S. 55949
Yamamoto, Y. *see* Inoue, T. 30738
Yamamoto, Y. *see* Kato, T. 57999
Yamamoto, Y. *see* Khargonekar, P.P. 34971
Yamamoto, Y. *see* Kikuchi, Y. 7244
Yamamoto, Y. *see* Masuda, K. 22177
Yamamoto, Y. *see* Meguro, T. 2395
Yamamoto, Y. *see* Morooka, S. 19510
Yamamoto, Y. *see* Nohma, T. 9522
Yamamoto, Y. *see* Sasa, S. 12487
Yamamoto, Y. *see* Sumimoto, J. 46690
Yamamoto, Y. *see* Terada, H. 7605
Yamamoto, Y. *see* Wada, Y. 22636
Yamamoto, Y. *see* Yamaguchi, T. 10869
Yamamoto, Y. *see* Yang Dai 485
Yamamuka, M. *see* Kawahara, T. 837
Yamamuka, M. *see* Kawahara, T. 53301
Yamamuka, M. *see* Mikami, N. 21990
Yamamura, H. *see* Matsuyama, Y. 25469
Yamamura, H. *see* Mori, T. 21371
Yamamura, I. *see* Ueshima, M. 1360
Yamamura, K., Mishina, M. A contraction algorithm using a sign test for finding all solutions of piecewise-linear resistive circuits 1098
Yamamura, K. *see* Matsubara, H. 12011
Yamamura, K. *see* Miyata, H. 37384
Yamamura, K. *see* Nemoto, K. 3945
Yamamura, K. *see* Nemoto, K. 33604
Yamamura, K. *see* Nemoto, K. 55803
Yamamura, K. *see* Ohsugi, T. 37385
Yamamura, K. *see* Ohsugi, T. 37392
Yamamura, K. *see* Senyo, K. 37386
Yamamura, M. *see* Kamiya, A. 50484
Yamamura, N. *see* Izawa, T. 3774
Yamamura, T., Yasushi, T., Fujii, N., Hanakit, M. Customer network management for ATM networks 46904
Yamamura, T. *see* Hanaki, M. 35588
Yamamura, T. *see* Yoda, I. 5938
Yamamura, Y. *see* Ota, T. 7910
Yamamuro, K., Tachiki, M., Kobayashi, T. Pt/$SrBi_4Ti_4O_{15}$/Si-MOS system: preliminary study employing an inverted MOS configuration 12573
Yamana, M. *see* Itani, T. 32278
Yamana, M. *see* Itani, T. 32315
Yamana, M. *see* Itani, T. 42830
Yamana, M. *see* Yoshino, H. 42831
Yamana, Y. *see* Hayashi, K. 9739
Yamanaka, A. *see* Baranov, A.V. 24138
Yamanaka, A. *see* Kashima, T. 32938
Yamanaka, A. *see* Kobayashi, K. 37531
Yamanaka, C. *see* Kiriyama, H. 55565
Yamanaka, C. *see* Ohkubo, K. 53935
Yamanaka, C. *see* Roy, P.K. 1910
Yamanaka, G., Suganami, T., Tanaka, H. The present and future trends in living environment systems technologies 20255
Yamanaka, H. *see* Koseki, T. 13729
Yamanaka, J. *see* Avrillon, S. 37342
Yamanaka, J. *see* Avrillon, S. 59250
Yamanaka, J. *see* Ikeda, H. 18131
Yamanaka, J. *see* Ikeda, H. 18134
Yamanaka, J. *see* Ikeda, H. 59310
Yamanaka, J. *see* Okuno, S. 43577
Yamanaka, J. *see* Okuno, S. 59291
Yamanaka, K. Ultrasonic force microscopy 38122
Yamanaka, K., Komura, S., Kato, J., Ichikawa, H. Deriving protocols from message sequence charts in a communicating processes model 16080
Yamanaka, K., Momose, H., Mori, N., Hamaguchi, C., Arimoto, H., Imanaka, Y., Shimamoto, Y., Miura, N. Angular dependent cyclotron resonance in short period $(GaAs)_m/(AlAs)_n$ superlattices 12485
Yamanaka, K. *see* Higashiyama, Y. 55962
Yamanaka, K. *see* Kondo, T. 25723
Yamanaka, K. *see* Miura, N. 2198
Yamanaka, K. *see* Miyajima, T. 26490
Yamanaka, M. *see* Kashiwagi, Y. 41824
Yamanaka, M. *see* Kiriyama, H. 55565
Yamanaka, M. *see* Sakata, I. 31869
Yamanaka, M. *see* Sato, K. 39393
Yamanaka, M. *see* Sekiguchi, M. 42654
Yamanaka, M. *see* Tobari, T. 41274
Yamanaka, M. *see* Uehara, T. 2803
Yamanaka, M. *see* Yamashita, M. 38676
Yamanaka, M.D. *see* Gavrilov, N.M. 50064
Yamanaka, N., Doi, Y., Fukuda, H., Takenaka, T., Yashiro, Z. High-speed ATM switching system technologies 16504
Yamanaka, N., Kaizu, K., Kishimoto, T., Genda, K. 160 Gbit/s high-speed ATM switching system 16506
Yamanaka, N., Shiomoto, K., Hasegawa, I. ALPEN: an ATM multi-protocol emulation network, based on periodical performance check between edge nodes 6086
Yamanaka, N. *see* Furuichi, K. 29092
Yamanaka, N. *see* Genda, K. 16505
Yamanaka, N. *see* Iseki, Y. 20267
Yamanaka, N. *see* Kaizu, K. 16507
Yamanaka, N. *see* Kasukawa, A. 44482
Yamanaka, N. *see* Kawamura, T. 16508
Yamanaka, N. *see* Shiomoto, K. 35716
Yamanaka, N. *see* Yokouchi, N. 14130
Yamanaka, S., Fukuda, T., Ito, K., Tomita, J., Seguchi, T. An application of residual voltage for diagnosis of electrical power cable used in nuclear power station 19451
Yamanaka, S., Fukuda, T., Kawamura, H., Sawa, G., Tomita, J., Aida, F., Seguchi, T. The effect of electrode materials on TSC of EPR with hard clay 32726
Yamanaka, S. *see* Hayashi, K. 41835
Yamanaka, S. *see* Hirose, Y. 11675
Yamanaka, S. *see* Hirose, Y. 53520
Yamanaka, S. *see* Yamagata, S.-I. 10161
Yamanaka, T., Wakita, K., Yokoyama, K. Pure strain effect on reducing the chirp parameter in InGaAsP/InP quantum well electroabsorption modulators 23570
Yamanaka, T., Wakita, K., Yokoyama, K. Impact of quantum confinement and strain effects on the negative chirp parameter of InGaAsP/InP QW electroabsorption modulators 33127
Yamanaka, T., Yoshimoto, N., Wakita, K., Yakayama, K. On the field-induced refractive index change considering valence band nonparabolicity in quantum well structures 54179
Yamanaka, T. *see* Cao, X. 8754
Yamanaka, T. *see* Kawashima, S. 47591
Yamanaka, T. *see* Kiriyama, H. 55565
Yamanaka, T. *see* Minami, M. 53300
Yamanaka, T. *see* Noritsugu, T. 28407
Yamanaka, T. *see* Yoshida, H. 44409
Yamanaka, T. *see* Yoshimoto, N. 22405
Yamanaka, Y., Shinozuka, T. Measurement and estimation of BER degradation of PHS due to electromagnetic disturbance from microwave ovens 16599
Yamanaka, Y. *see* Miyamoto, S. 6609
Yamanaka, Y. *see* Miyamoto, S. 16542
Yamanashi, H., Ito, M. Image simulation of extreme ultraviolet lithography optics: effect of multilayer coatings 32310
Yamanashi, H. *see* Ogawa, T. 32312
Yamanashi, M., Kibayashi, Y., Toyada, F., Azechi, M. Optimum design in thermoelectric cooling systems 39232
Yamanashi, M. *see* Fukuda, K. 31903
Yamanashi, M. *see* Shimada, M. 8313
Yamane, I. *see* Aruga, R. 41251
Yamane, J. *see* Yokota, M. 23536
Yamane, K. *see* Abe, Y. 4211
Yamane, M. *see* Shibata, S. 33043
Yamane, N. *see* Morikawa, Y. 25299
Yamane, S. Timing verification for communication protocol based on automaton theory–real-time symbolic language inclusion verification method 57666
Yamane, S. *see* Kato, M. 33369
Yamane, S. *see* Okamoto, K. 48387
Yamane, T. *see* Yamada, S. 1343
Yamane, T. *see* Zhewang Ma 34169
Yamane, Y., Yamasaki, K., Hyuga, F., Tokumitsu, M. WSiN self-aligned GaAs-MESFET technology 11740
Yamane, Y. *see* Ahmed, M. 13659
Yamane, Y. *see* Hashimoto, K. 18120
Yamane, Y. *see* Sakurai, K. 24779
Yamane, Y. *see* Yamada, M. 33213
Yamanishi, H. *see* Suzuki, A. 12294
Yamanishi, K. Randomized approximate aggregating strategies and their applications to prediction and discrimination 40021
Yamanishi, K. Data compression and learning 56550
Yamanishi, K. *see* Kusakabe, Y. 30900
Yamanishi, K. *see* Takemoto, Y. 18339
Yamanishi, M. *see* Citrin, D.S. 53615
Yamanishi, M. *see* Nishikawa, T. 24043
Yamanl, A. Time domain automatic focusing of an Applebaum array 4761
Yamano, H. *see* Sato, T. 19544
Yamano, S. Media characteristics for high-speed digital transmission in NTT's local networks 47441
Yamano, Y. *see* Wada, H. 60893
Yamanobe, T. *see* Tani, K. 54943
Yamanoi, Y. *see* Noumi, H. 37073
Yamanouch, K. *see* Kato, S. 16529
Yamanouchi, K., Gonda, E., Morozumi, K., Takahashi, S., Kato, S. Unidirectional dispersive transducers and applications to efficient elastic convolver 13394
Yamanouchi, K., Odagawa, H., Kojima, T., Matsumura, T. Theoretical and experimental study of superhigh electromechanical coupling surface acoustic wave propagation in $KNbO_3$ single crystal 32661

Yamanouchi, K., Wagatsuma, Y., Aoki, K., Tsuji, T. 10 GHz-range surface acoustic wave inter-digital transducers and low loss filters using anodic oxidation technology 13390
Yamanouchi, K. *see* Odagawa, H. 13380
Yamanouchi, K. *see* Takeuchi, M. 13391
Yamanouchi, K. *see* Takeuchi, Y. 32775
Yamanouchi, K. *see* Tanaka, M. 13386
Yamanouchi, M. *see* Takamiya, S. 43114
Yamanouchi, N., Kawachiya, K. An experimental dynamic QoS control system for the Internet 26192
Yamanouchi, N. *see* Shiroshita, T. 5861
Yamanouchi, S.K. *see* Komatsu, R. 14284
Yamanouchi, T., Tamakashi, K., Kambe, T. Hybrid floorplanning based on partial clustering and module restructuring 11117
Yamanoue, H. The relation between size distortion and shooting conditions for stereoscopic images 58567
Yamaoka, H. *see* Inoue, Y. 49326
Yamaoka, H. *see* Takahashi, A. 44115
Yamaoka, M., Hasegawa, J. Numerical calculation of overhead transmission line galloping by double conductor method 19368
Yamaoka, N., Oda, K. On-line car-body measuring system using modified car-body welding robot 58837
Yamaoka, N. *see* Yoshida, A. 1175
Yamaoka, T., Yamauchi, T. Void-free metallization by controlling sputtering conditions of TiN barrier metal films 42786
Yamaoka, Y., Kanemaru, S., Itoh, J. Fabrication of silicon field emitter arrays integrated with beam focusing lens 31697
Yamaoka, Y. *see* Ishii, K. 49323
Yamaoka, Y. *see* Kaneko, Y. 32222
Yamasa, Y., Hariu, K., Okamoto, T., Otsu, Y. Study on feed systems of multibeam antennas for S-band mobile satellite communications 34484
Yamasaki, H. The future of sensor interface electronics 5505
Yamasaki, H., Hayakawa, K., Nagasaki, Y., Suzuki, M., Hanaoka, R., Takata, M., Okubo, M. Performances of closed cycle disk MHD generator with Ar/Cs 20057
Yamasaki, H. *see* Mawatari, Y. 55086
Yamasaki, H. *see* Okubo, M. 20055
Yamasaki, H. *see* Okubo, M. 39223
Yamasaki, H. *see* Okuno, Y. 20056
Yamasaki, H. *see* Yoshiie, R. 61100
Yamasaki, J. *see* Nderu, J.N. 3032
Yamasaki, K., Horiguchi, S. Research trends and future directions in ultra-high-speed compound semiconductor IC technology 13903
Yamasaki, K. *see* Aikawa, M. 31519
Yamasaki, K. *see* Harada, K. 41545
Yamasaki, K. *see* Tokumitsu, M. 43143
Yamasaki, K. *see* Tokumitsu, T. 31532
Yamasaki, K. *see* Yamane, Y. 11740
Yamasaki, K. *see* Yoshitomi, Y. 23325
Yamasaki, M. *see* Muroyama, S. 51308
Yamasaki, M. *see* Yoshioka, T. 21409
Yamasaki, N., Anzai, Y. Applying personal robots and active interface to video conference systems 57975
Yamasaki, N. *see* Sakamoto, O. 1361
Yamasaki, S. A reconstruction method of damaged two-dimensional signal blocks using error correction coding based on DFT 57062
Yamasaki, S., Umeda, T., Isoya, J., Tanaka, K. In situ electron-spin-resonance measurements of film growth of hydrogenated amorphous silicon 40556
Yamasaki, S. *see* Ishikawa, H. 32053
Yamasaki, S. *see* Koike, M. 13883
Yamasaki, S. *see* Mori, T. 12524
Yamasaki, T., Hattori, T. A new visual input system for handwriting characters and drawing based on backward image processing and the difference of image sequence from video camera–video tablet 57396
Yamasaki, T., Tanaka, H., Hinata, T., Hosono, T. Analysis of electromagnetic fields in inhomogeneous dielectric gratings with periodic surface relief 14600
Yamasaki, T. *see* Tanaka, H. 56017
Yamasaki, Y. Mathematical games. The arithmetic of reversed positional games 39999
Yamasawa, A. *see* Kawahito, S. 7238
Yamasawa, A. *see* Kawahito, S. 27524
Yamasawa, A. *see* Koga, S. 58714
Yamasawa, K. *see* Mikoshiba, T. 7565
Yamasawa, K. *see* Morikoshii, H. 695
Yamashina, H., Mizuyama, H., Ueno, J. Design for quality with an analytical approach 10197
Yamashina, H. *see* Ikeda, K. 20216
Yamashina, H. *see* Yamazaki, J. 59460
Yamashina, M., Tanda, T., Tanaka, T. PHS mobile multi-media terminal system 35979
Yamashina, M. *see* Izumikawa, M. 21731
Yamashina, M. *see* Izumikawa, M. 53391
Yamashina, M. *see* Tobise, M. 61366
Yamashiro, K. *see* Higuchi, T. 22637
Yamashiro, S., Kinoshita, H., Nakamura, K., Kimura, M., Fukushima, T. A flexible decision method for transmission system expansion planning considering power interruption cost 38312
Yamashiro, T. *see* Odo, S. 56847
Yamashiro, T. *see* Sokei, S. 56846
Yamashita, A., Dotani, T., Bautz, M., Crew, G., Ezuka, H., Gendreau, K., Kotani, T., Mitsuda, K., Otani, C., Rasmussen, A., Ricker, G., Tsunemi, H. Radiation damage to charge coupled devices in the space environment 59364
Yamashita, A., Kawamura, R., Hadama, H. Dynamic VP rearrangement in an ATM network 46908
Yamashita, A. *see* Nonomura, T. 36349
Yamashita, E. *see* Harima, K. 4289
Yamashita, E. *see* Kishi, N. 55529
Yamashita, E. *see* Lei Zhu 34248
Yamashita, E. *see* Lei Zhu 34259
Yamashita, E. *see* Lei Zhu 34297
Yamashita, E. *see* Lei Zhu 34309
Yamashita, E. *see* Tefiku, F. 35930
Yamashita, E. *see* Zhewang Ma 34169
Yamashita, F. *see* Fukunaga, H. 3122
Yamashita, H. Inverters for high-speed electric machines 20110
Yamashita, H., Cingoski, V., Mikami, M., Kaneda, K. Visual computing concept in finite element analysis 40273
Yamashita, H., Ema, T., Itoh, K., Nozue, H., Nomura, E. Electron scattering by electron-beam mask with tapered aperture in cell projection lithography 22703
Yamashita, H., Miyamoto, K., Maruyama, K., Hirosawa, H., Nakayoshi, K., Emura, T., Sumi, Y. A real-time data-acquisition and analysis system with distributed UNIX workstations 7215
Yamashita, H., Nozue, H., Nomura, E., Itoh, K., Ema, T., Hirasawa, S., Kojima, K., Tamura, T., Nakajima, K. Recent progress in electron-beam cell projection technology 32261
Yamashita, H., Yamazawa, K., Machidori, W., Wang, Y.S. The effect of tip curvature on the prebreakdown density change streamer in cyclohexane 23132
Yamashita, H. *see* Endou, E. 47468
Yamashita, H. *see* Ishihara, T. 47327
Yamashita, H. *see* Itoh, K. 22684
Yamashita, H. *see* Izaki, K. 51881
Yamashita, H. *see* Kuribayashi, T. 4194
Yamashita, H. *see* Murooka, Y. 23125
Yamashita, H. *see* Okubo, H. 43469
Yamashita, H. *see* Onodera, A. 2941
Yamashita, H. *see* Shoji, K. 1356
Yamashita, H. *see* Tamaki, N. 23182
Yamashita, H. *see* Tanaka, S. 17783
Yamashita, H. *see* Yamazawa, K. 23131
Yamashita, I. The latest FTTH technologies for full service access networks 58032
Yamashita, I. *see* Kanada, T. 35736
Yamashita, I. *see* Shibata, N. 26905
Yamashita, I. *see* Suzuki, K. 32318
Yamashita, J., Yamada, T., Uchida, S., Yamaguchi, H., Ishizawa, S. A relation between dynamic saturation characteristics and tail current of nonpunch-through IGBT 32398
Yamashita, J. *see* Kaneko, S. 16785
Yamashita, K., Asato, K., Hanba, S., Miyagi, H. A design method of two-dimensional adaptive generalized lattice filter 31374
Yamashita, K., Kanna, O., Hanba, S., Asato, S. A method of damping transient rush current of wind driven squirrel-cage induction generators 38720
Yamashita, K., Kanna, O., Miyagi, H., Asato, S. A method of damping rush current of squirrel-cage induction machines 38719
Yamashita, K., Kinjo, T., Hanba, S., Miyagi, H. The stability of two-dimensional recursive asymmetric half-plane lattice modelling 31373
Yamashita, K., Kinjyo, H., Hanba, S., Miyagi, H., Nakachi, T., Hamada, N. Three-dimensional IIR adaptive lattice algorithm for recursive filter 34714
Yamashita, K., Matsuki, K., Akeno, E. An automatic photomask defect classification method 22687
Yamashita, K., Nakashima, M., Kawano, H., Kikuzumi, S., Sakurai, T., Oe, K. Reducing wiring system for equipment 57779
Yamashita, K. *see* Horino, Y. 37188
Yamashita, K. *see* Inda, Y. 27535
Yamashita, K. *see* Morlet-Savary, F. 13545
Yamashita, K. *see* Nakachi, T. 15350
Yamashita, K. *see* Nakachi, T. 35053
Yamashita, K. *see* Uehara, T. 2803
Yamashita, M. The analysis of event-related potentials elicited during remembering task using the sequential difference method 59619
Yamashita, M., Murata, T., Tsuchiya, T. Derivation of linear model based on magnetic energy of induction motor 9237
Yamashita, M., Torizuka, K. Highly efficient femtosecond pulse compression using organic materials 24167
Yamashita, M., Wakayama, R., Yamanaka, M. Molded equipment manufacturing technology 38676
Yamashita, M. *see* Kakugawa, H. 35741
Yamashita, M. *see* Kawai, K. 17001
Yamashita, M. *see* Kuribayashi, I. 29574
Yamashita, M. *see* Shiroshita, T. 5861
Yamashita, M. *see* Suda, Y. 30787
Yamashita, M. *see* Suzuki, T. 22714
Yamashita, M. *see* Torizuka, K. 23770
Yamashita, M. *see* Warzanskyj, W. 26388
Yamashita, N., Fujita, Y., Okazaki, S. An integrated memory array processor with a synchronous-DRAM interface for real-time vision applications 11465
Yamashita, N., Fukushima, M. Equivalent unconstrained minimization and global error bounds for variational inequality problems 40118
Yamashita, N. *see* Hara, T. 12759
Yamashita, N. *see* Hashimoto, S. 8444
Yamashita, N. *see* Nakagawa, M. 17588
Yamashita, N. *see* Takemura, K. 18517
Yamashita, R., Takahashi, T., Oda, T. Humidify effect on non-thermal plasma processing for VOCs decomposition 39481
Yamashita, R. *see* Chp-Yeol Lee 56106
Yamashita, S., Hashimoto, H., Inomata, T. Development of an interface LSI [DN1860] for serial data communication 16230
Yamashita, S., Hotate, K. Single-polarization fiber laser composed of a normal single-mode erbium-doped fiber 23795
Yamashita, S., Hotate, K. Polarization properties of optical fiber amplifiers and their compensations 44391
Yamashita, S., Hotate, K. Polarization-independent depolarizers for highly coherent light using Faraday rotator mirrors 55367
Yamashita, S., Kambayashi, Y., Muroga, S. Design of logic circuits with wired-logic utilizing transduction method 21590
Yamashita, S., Kambayashi, Y., Muroga, S. Optimization methods for look-up table-type FPGAs based on permissible functions 41010
Yamashita, S., Sawada, H., Nagoya, A. A new method to express functional permissibilities for LUT based FPGAs and its applications 11353
Yamashita, S. *see* Marechal, N. 40449
Yamashita, S. *see* Mori, K. 57850
Yamashita, S. *see* Takushima, Y. 3717
Yamashita, S. *see* Yamagata, Y. 8966
Yamashita, T., Kuroi, T., Uchida, T., Komori, S., Kobayashi, K., Inuishi, M., Miyoshi, H. The impact of high pressure dry O_2 oxidation on sub-quarter micron planarized LOCOS 41172
Yamashita, T., Sasaki, K., Kobayashi, K., Matsumoto, K. Highly reliable power-supply system for fiber-optic subscriber network systems 51286
Yamashita, T. *see* Asano, A. 44167
Yamashita, T. *see* Chen, J. 3284
Yamashita, T. *see* Chiba, T. 12020
Yamashita, T. *see* Hayami, H. 35766
Yamashita, T. *see* Honjo, K. 29381
Yamashita, T. *see* Hoshijima, K. 51283
Yamashita, T. *see* Kamiyama, H. 41250
Yamashita, T. *see* Mizuhata, S. 39860
Yamashita, T. *see* Otomo, S. 3220
Yamashita, T. *see* Shibata, T. 53495
Yamashita, T. *see* Takenouchi, O. 32620
Yamashita, Y. Image compression by weighted Karhunen-Loeve transform 5427
Yamashita, Y., Kubota, M. Ultrasonic imaging of elasticity of soft tissue based on measurement of internal displacement and strain 18360
Yamashita, Y., Shibata, T., Ohmi, T. Write/verify free analog non-volatile memory using a neuron-MOS comparator 1644
Yamashita, Y. *see* Ashikaga, K. 22680
Yamashita, Y. *see* Harada, K. 11753
Yamashita, Y. *see* Kanai, H. 933
Yamashita, Y. *see* Li, M. 4657
Yamashita, Y. *see* Nagahara, S. 32313
Yamashita, Y. *see* Nakagawa, M. 17588
Yamashita, Y. *see* Okihara, N. 35864
Yamashita, Y. *see* Tanaka, T. 7856
Yamashita, Y. *see* Tokiguchi, K. 42290
Yamashita, Y. *see* Ueno, A. 37029
Yamasita, Y. *see* Mukaeda, S. 11775
Yamato, H. *see* Takagi, S. 11163
Yamato, H. *see* Takagi, S. 21474
Yamato, J. *see* Sudo, K. 25498
Yamato, K. *see* Kamiura, N. 53127
Yamato, K. *see* Kobashi, S. 49432
Yamato, K. *see* Kobashi, S. 49480
Yamato, K. *see* Morinaga, N. 49481
Yamauchi, A. *see* Fujii, K. 52651
Yamauchi, E. *see* Hasegawa, K. 6385
Yamauchi, F. *see* Kuge, H. 59825
Yamauchi, H., Iwata, T., Akamatsu, H., Matsuzawa, A. A 0.8 V/100 MHz/sub-5 mW-operated megabit SRAM cell architecture with charge-recycle offset-source driving (OSD) scheme 1412
Yamauchi, H., Iwata, T., Akamatsu, H., Matsuzawa, A. A 0.5 V/100 MHz over-V_{CC} grounded data storage (OVGS) SRAM cell architecture with boosted bit-line and offset source over-driving schemes 11442
Yamauchi, H. *see* Akamatsu, H. 1261
Yamauchi, H. *see* Ito, T. 38902
Yamauchi, H. *see* Iwata, T. 27814
Yamauchi, I. *see* Okamoto, T. 55931
Yamauchi, J., Ando, T., Akimoto, Y., Nakano, H. Propagating beam analysis of fiber wavelength filters with a depressed-index section 23503
Yamauchi, J., Aoki, S., Nakano, H. Reflectivity analysis of optical waveguides with coated and tilted facets using the FD-TD method with the PML absorbing boundary condition 44021
Yamauchi, J., Nishio, K., Nakano, H. Analysis of a lensed coreless fiber by a hybrid technique that involves FD-BPM and FD-TDM 33011

Yamauchi, J., Nishio, K., Nakano, H. Hybrid numerical technique combining the finite-difference beam-propagation method and the finite-difference time-domain method 55186

Yamauchi, J., Sekiguchi, M., Shibayama, J., Nakano, H. Technique of improving the multistep method for wide-angle beam propagation 23559

Yamauchi, J., Shibayama, J., Sekiguchi, M., Nakano, H. Finite-difference beam propagation method based on the generalized Douglas scheme for a nonuniform grid 24525

Yamauchi, J. *see* Nakano, H. 34413

Yamauchi, J. *see* Nakano, H. 34459

Yamauchi, J. *see* Nakano, H. 45376

Yamauchi, K. *see* Arai, Y. 37267

Yamauchi, K. *see* Arai, Y. 37268

Yamauchi, K. *see* Hashimoto, T. 45893

Yamauchi, K. *see* Hashimoto, T. 47547

Yamauchi, K. *see* Kurata, K. 26914

Yamauchi, K. *see* Nadaya, N. 46992

Yamauchi, K. *see* Oguri, K. 28387

Yamauchi, K. *see* Yamada, S. 23458

Yamauchi, M., Eiju, T. Optimization of optical systems using twisted nematic liquid crystal panels for spatial light phase modulation 58915

Yamauchi, M. *see* Iijima, T. 37238

Yamauchi, R. *see* Wada, A. 23507

Yamauchi, S., Yoshimaru, M. High reliable lead-zirconate-titanate growth using reactive sputtering and rapid thermal annealing 52804

Yamauchi, T., Okajima, Y., Kurosaki, K. Performance optimization of BiCMOS circuits under reduced supply voltage 43345

Yamauchi, T., Tsuchiya, C. BiCMOS technology for analogue/digital mixed LSI 13151

Yamauchi, T. *see* Miyaji, S. 13786

Yamauchi, T. *see* Sasada, I. 4278

Yamauchi, T. *see* Yamaoka, T. 42786

Yamauchi, Y., Shin-Ya Tomohiro, Ohkubo, M., Hashimoto, A., Yamamoto, A. Nitridation behavior of GaAs(111)B surfaces in NH_3 flow and evaluation of the nitrided GaAs(111)B as substrates for MOCVD growth of InN 30873

Yamauchi, Y. *see* Ishibashi, T. 16817

Yamauchi, Y. *see* Kojima, M. 34063

Yamauchi, Y. *see* Miura, N. 54063

Yamauchi, Y. *see* Yamamoto, A. 30831

Yamaura, H., Jinkawa, T., Tamaki, J., Moriya, K., Miura, N., Yamazoe, N. Indium oxide-based gas sensor for selective detection of CO 36758

Yamaura, H. *see* Kawahara, K. 25718

Yamaura, T. *see* Hashimoto, H. 15488

Yamaura, T. *see* Hashimoto, H. 46190

Yamawaki, C., Nakatani, M., Takeuchi, H., Kakiwaki, S., Tatsumi, H. Development of high-speed tape transfer technology for digital VCR 27181

Yamawaki, M., Kunori, Y. A low dark current CCD linear image sensor 27686

Yamawaki, M. *see* Andoh, F. 36704

Yamawaki, M. *see* Itsumi, M. 2354

Yamawaki, M. *see* Itsumi, M. 41851

Yamawaki, M. *see* Nakashima, T. 21946

Yamazaki, A., Ueda, K., Kawata, Y., Kusaka, T. The estimation of aerosol models by the reflectance analysis of the airborne POLDER data 8422

Yamazaki, G., Sakasegawa, H. Note on throughput in a queueing network with changing-speed servers and blocking 21035

Yamazaki, G. *see* Dijin Gong 30532

Yamazaki, H., Miura, Y. IDDQ testability of flip-flop structures 21652

Yamazaki, H., Sakata, Y., Yamaguchi, M., Inomoto, Y., Komatsu, K. Low drive voltage (1.5 $V_{p\text{-}p}$) and high power DFB-LD/modulator integrated light sources by bandgap energy controlled selective MOVPE 26814

Yamazaki, H. *see* Imai, T. 14437

Yamazaki, H. *see* Kohmura, Y. 37066

Yamazaki, H. *see* Miyata, K. 34379

Yamazaki, H. *see* Okada, T. 22658

Yamazaki, H. *see* Sotooka, K. 48184

Yamazaki, J., Yamashina, H., Morishita, T., Takano, M., Sugita, J., Takahashi, M. Evaluation of left ventricular wall motion by three-dimensional multigated cardiac pooling SPECT 59460

Yamazaki, J. *see* Aizawa, K. 58851

Yamazaki, K. Generalization of 3D eddy current analysis for moving conductors due to coordinate systems and gauge conditions 44942

Yamazaki, K. Modification of 2D nonlinear time-stepping analysis by limited 3D analysis for induction machines 51018

Yamazaki, K. Eddy current analysis using mixed moving coordinate systems for electrical machines including conductors moving at different velocities 60635

Yamazaki, K., Bevirt, J., Collins, J., Estes, M., Han, N., Ip, J., Nam Suk Kim, Ko, C., Nelson, K., Petersen, J., Yokoyama, Y. Development of a soccer-playing robot for ROBOCON '94: an example of hands-on education in mechatronics engineering 20445

Yamazaki, K., Kennedy, R.A. Blind equalization for QAM systems based on general linearly constrained convex cost functions 14783

Yamazaki, K., Ogino, M., Ueda, S. Operation of traffic control center (man-machine traffic control system) advanced traffic control system of Tokyo Metropolitan Police department 58649

Yamazaki, K. *see* Ikei, Y. 54837

Yamazaki, K. *see* Yamada, T. 11413

Yamazaki, M., Mantani, K., Fujie, K., Yamagami, K., Ishii, T. Development of MAW Series fully-automatic washing machines 20256

Yamazaki, M. *see* Mori, M. 794

Yamazaki, M. *see* Yamada, M. 20879

Yamazaki, S. High speed plastic optical fiber transmission for desk-top LAN 16284

Yamazaki, S., Sakaguchi, S., Yanagida, T., Itoh, K. Packaging education program at Hitachi 30066

Yamazaki, S. *see* Kato, K. 57202

Yamazaki, T., Gingras, D. A contextual classification system for remote sensing using a multivariate Gaussian MRF model 5158

Yamazaki, T., Imai, K., Yoshida, H., Kinoshita, Y., Suzuki, H. Process integration technologies for sub-half micron BiCMOS LSIs 2847

Yamazaki, T., Irii, H. An objective method for evaluating the quality of speech with code errors using pattern matching techniques 45668

Yamazaki, T., Karaki, S., Muraoka, T., Matsumoto, Y., Oonishi, K., Inno, S. Development and field test results of the AC 275 kV compact filter 9449

Yamazaki, T., Oishi, N., Namikawa, T., Yamazaki, Y. Frictional forces in an SOFC stack with sliding seals 51528

Yamazaki, T., Terayama, K., Shimazaki, T., Nakatani, H. Impurity-doped GaSe radiation detector evaluated at 100°C 37416

Yamazaki, T. *see* Anzai, H. 45242

Yamazaki, T. *see* Fukutani, K. 56198

Yamazaki, T. *see* Ikeuchi, K. 6946

Yamazaki, T. *see* Imai, K. 2806

Yamazaki, T. *see* Madihian, M. 11722

Yamazaki, T. *see* Madihian, M. 41509

Yamazaki, T. *see* Matsushima, N. 11991

Yamazaki, T. *see* Naito, Y. 45241

Yamazaki, T. *see* Nakamura, K. 35071

Yamazaki, T. *see* Nunokawa, F. 47842

Yamazaki, T. *see* Sayyah, K. 3475

Yamazaki, T. *see* Suzuki, H. 21673

Yamazaki, T. *see* Terayama, K. 48421

Yamazaki, T. *see* Toyoshima, H. 1333

Yamazaki, T. *see* Yoshioka, T. 17720

Yamazaki, Y. Cavity systems which suppress coupled-bunch instabilities 37058

Yamazaki, Y. Design issues for high-intensity, high-energy proton accelerators 49130

Yamazaki, Y. *see* Asuke, N. 43707

Yamazaki, Y. *see* Ide, T. 61057

Yamazaki, Y. *see* Motoki, T. 61076

Yamazaki, Y. *see* Nirasawa, H. 19661

Yamazaki, Y. *see* Oishi, N. 51526

Yamazaki, Y. *see* Tanaka, H. 32672

Yamazaki, Y. *see* Ueno, A. 37029

Yamazaki, Y. *see* Yamazaki, T. 51528

Yamazato, T., Nakagawa, H., Katayama, H., Ogawa, A. Performance of bit-by-bit interleaved trellis coded 16DAPSK on Rayleigh fading channel 45511

Yamazato, T. *see* Ishiguro, T. 35907

Yamazato, T. *see* Ishiguro, T. 35974

Yamazato, T. *see* Jamalipour, A. 6616

Yamazato, T. *see* Jamalipour, A. 16647

Yamazato, T. *see* Kuno, S. 46668

Yamazato, T. *see* Nakagawa, H. 35906

Yamazato, T. *see* Okada, H. 26533

Yamazato, T. *see* Saito, M. 36061

Yamazato, T. *see* Sato, T. 46665

Yamazato, T. *see* Wakaki, I. 25886

Yamazawa, K., Sugiura, K., Yamashita, H. Prebreakdown light emission, density change streamer and current pulses in liquid nitrogen 23131

Yamazawa, K. *see* Yagi, Y. 5325

Yamazawa, K. *see* Yagi, Y. 36680

Yamazawa, K. *see* Yamashita, H. 23132

Yamazo, N. *see* Shimizu, Y. 27462

Yamazoe, N., Hosohara, S., Fukuda, T., Isono, K., Miura, N. Gas sensing interfaces of solid electrolyte based carbon dioxide sensors attached with metal carbonate 17590

Yamazoe, N., Miura, N. Prospect and problems of solid electrolyte-based oxygenic gas sensors 27748

Yamazoe, N., Tamaki, J., Miura, N. Role of heterojunctions in oxide semiconductor gas sensors 17579

Yamazoe, N. *see* Ando, M. 36733

Yamazoe, N. *see* Geyu Lu 27733

Yamazoe, N. *see* Harada, T. 48736

Yamazoe, N. *see* Miura, N. 17570

Yamazoe, N. *see* Miura, N. 17591

Yamazoe, N. *see* Miura, N. 27732

Yamazoe, N. *see* Miura, N. 27753

Yamazoe, N. *see* Yamaura, H. 36758

Yamazoe, R. *see* Hashimoto, H. 58575

Yambe, T. *see* Tanaka, A. 59793

Yambe, T. *see* Yoshizawa, M. 59792

Yambe, T. *see* Yoshizawa, M. 59797

Yamdagni, N. *see* Engstrom, M. 59305

Yamin Li, Wanming Chu A new non-restoring square root algorithm and its VLSI implementations 1274

Yaming Zhu *see* Zhu Yaming

Yamishita, H. *see* Watson, P.K. 23128

Yamizaki, N., Kojima, Y., Iino, K., Mogi, M. On the method of thermal analysis for telecommunication equipment 35557

Yamnahakki, A. *see* Degond, P. 32354

Yamomoto, S., Jiang, H., Matsumoto, M., Tateno, Y., Iinuma, T., Matsumoto, T. Image processing for computer-aided diagnosis of lung cancer by CT(LSCT) 28146

Yamoto, H. *see* Isobe, C. 52799

Yampolski, Y.M., Bliokh, P.V., Beley, V.S., Galushko, V.G., Kascheev, S.B. Non-linear interaction between Schumann resonances and HF signals 56053

Yampolski, Y.M. *see* Bezrodny, V.G. 38061

Yampolski, Y.M. *see* Hysell, D.L. 58449

Yamrone, B., Roberts, K., Kelly, J. LeCroy MQT300-charge to time converter 59335

Yan, A., Wei-Bo Gong Rational approximation of ATM cell loss probabilities under self-similar traffic 35441

Yan, B.P. *see* Chai, C.C. 21337

Yan, C. *see* Ye, Y. 54477

Yan, C.H. *see* Lew, A.Y. 792

Yan, D.-G., Yan, H. An efficient algorithm for smoothing, linearization and detection of structural feature points of binary image contours 25558

Yan, F., Yao, Y., Jian, S. Characteristics investigation of a Lyot optical fiber depolarizer for the depolarized I-FOG 27635

Yan, F., Yao, Y., Jian, S., Xu, H., Du, X., Zhang, W. Investigation of the depolarized single-mode fiber optic gyroscope 27634

Yan, F.N., Yip, S.T., Wong, H.K. Experiments on a coupled oscillator 11209

Yan, G.-M. *see* Chern, T.-L. 9600

Yan, H., Awai, I., Yamagata, J., Wang, Q. Resonant mode characteristics of a magnetostatic resonator in yttrium iron garnet (YIG) films 43726

Yan, H. *see* Mirhosseini, A.R. 46154

Yan, H. *see* Yan, D.-G. 25558

Yan, J., Archambault, S. Performance analysis of residential broadband access architectures 47413

Yan, J. *see* Ayandeh, S. 35636

Yan, J.D., Fang, M.T.C., Liu, Q.S. Dielectric breakdown of a residual SF_6 plasma at 3000 K under diatomic equilibrium 54909

Yan, J.H. *see* Campbell, S.A. 2694

Yan, L., Onishi, T., Ma, F., Inagawa, Y., Murakami, T. COB (chip on board) technology in China 10129

Yan, M.L. *see* Bie, Q.S. 43661

Yan, R., Tokuda, N., Miyamichi, J. A model-based active landmarks tracking method 4959

Yan, S. *see* Maleki, L. 53569

Yan, X., Quintana, V.H. An efficient predictor-corrector interior point algorithm for security-constrained economic dispatch 60301

Yan, X. *see* Xu, Y. 3028

Yan, Y. *see* Huang, G. 15801

Yan, Y. *see* Kushawaha, V. 14071

Yan, Y. *see* Yuan, S. 3349

Yan, Y.-S., Cheng, C.-C., Lin, C.-L., Gan, J.-Y., Wu, T.B., Tuo, L.C., Wang, J.J. Ta-Si-O absorptive shifter for the attenuated phase-shifting mask 22645

Yan Aru *see* Chen Zhongmin 32809

Yan Baiping *see* Liu Jian 40880

Yan Bing *see* Bing Yan

Yan Bonu *see* Zhou Jun 54825

Yan Chen, Qijin Chen, Zhangda Lin High efficiency deposition of diamond film by hot filament chemical vapor deposition 10920

Yan Chen *see* Lee, S.-T. 21292

Yan Chen *see* Chen Yan

Yan Cheung Shun *see* Shun Yan Cheung

Yan Da-Peng *see* Da-Peng Yan

Yan Dapeng *see* Dapeng Yan

Yan Ding Bao *see* Ding Bao Yan

Yan Fuwang *see* Pan Zhijian 58494

Yan Guo'an *see* Gao Yingjun 12832

Yan Hai *see* Hai Yan

Yan Han A novel VLSI design for survivor memory unit in Viterbi decoder 56270

Yan Han *see* Yaoming Chen 54738

Yan Han *see* Han Yan

Yan Hong *see* Hong Yan

Yan Hongwei *see* Hongwei Yan

Yan Houzhong *see* Houzhong Yan

Yan Hua *see* Xu Enqi 35912

Yan Jianguo *see* Lu Jinchao 58642

Yan Jianping *see* Zhou Jian 60032

Yan Jinhua *see* Jinhua Yan

Yan Jinliang *see* Tian Jingquan 7417

Yan Jun *see* Zhao Ticheng 3324

Yan Jun *see* Jun Yan

Yan Kuin Su *see* Chun Hsing Liu 776

Yan Li, Wanjun Sun, Zhongxiang Jiang, Yongyuan Jiang, Kebin Xu Homodyne detection of phase-modulated optical signals through photorefractive crystals 44732

Yan Li, Zhongxiang Zhou, Xiudong Sun, Yongyuan Jiang, Kebin Xu Photorefractive two-wave mixing of rapidly phase modulated signals 44699

Yan Li *see* Xiudong Sun 44754

Yan Li *see* Zhongxiang Zhou 14309

Yan Li *see* Li Yan

Yan Lian, Huang Jiayu, Luo Xiaochuan Transient stability study of East China power system during light load 19045

Yan Lian *see* Lian Yan

Yan Lie-Tong *see* Lie-Tong Yan

Yan Maosong *see* Zhang Shaohua 19609

Yan Meng, Kon Max Wong, Qiang Wu Direction finding for point and dispersed sources: VEC-MUSIC and its performance 25129
Yan Mingshan *see* He Youping 13537
Yan Pong Mang *see* Pong Mang Yan
Yan Qian *see* Wang Zhengrong 14231
Yan Rongchang, Feng Wenyi, Huang Weikang Aliasing probability of hybrid linear feedback signature registers 53162
Yan Rongchang *see* Feng Wenyi 53163
Yan Rui Hu *see* Hu Yan Rui
Yan Shanchang, Wu Ge, Wang Jing, Yang Zhicheng The construction of Hainan public information network 26101
Yan Shao *see* Spaepen, F. 54027
Yan Shen *see* Linsen Chen 44796
Yan Shi, Zhao, J.H., Hao Lee, Sarathy, J., Cohen, M., Olsen, G. Resonant cavity enhanced GaInAsSb photodetectors grown by MBE for room temperature operation at 2.35 μm 17353
Yan Shi-Shen *see* Shi-Shen Yan
Yan Shuxia *see* Zhang Weilian 30719
Yan Voon, L.F.C.Lew *see* Lew Yan Voon, L.F.C.
Yan Wang *see* Wang Yan
Yan Wei *see* Wei Yan
Yan Wei-Yong *see* Wei-Yong Yan
Yan Weili *see* Wu Qing 51389
Yan Wen-Ming *see* Wen-Ming Yan
Yan Xiaona *see* Xiaona Yan
Yan Xiaoping, Ye Peiida Theory study of NOLM demultiplexing 46606
Yan Xihui *see* Xihui Yan
Yan Xinglong, Chang Zenghu, Ren Youlai, Yang Hongru, Hou Xun Laser diode pumped additive pulse mode-locked Nd:YLF laser 44429
Yan Xinglong *see* Ren Youlai 14022
Yan Xiong *see* Xiong Yan
Yan Xucyou *see* Zeng Zhoumo 58586
Yan Xuguang, Jiang Jianliang Bistability of a SQW semiconductor laser with an output-feedback loss-modulation scheme 3885
Yan Yang *see* Liu Shenggang 56098
Yan Yangguang *see* Liu Xiang 38852
Yan Yangguang *see* Xie Shaojun 59960
Yan Yao *see* Yao Yan
Yan Yaoping, Sun Xiaozi, Hu Fangming Research on active adaptive noise cancellation 34852
Yan Ye *see* Ye Yan
Yan Yi, Zhang Wenzhi, Lu Lingen A high sub-clutter visibility noncoherent VHF radar 58465
Yan Yihua, Peng Bo, Zhang Xizhen Noise suppression with wavelets in image reconstruction for aperture synthesis 27120
Yan Yingbai *see* Yingbai Yan
Yan Yisheng *see* Zhao Junwei 58492
Yan Yong *see* Yong Yan
Yan Yonghong *see* Yonghong Yan
Yan Yongtie *see* Yongtie Yan
Yan Yu *see* Yu Yan
Yan Zehong Study on a sensor system for land mobile satellite communications 47875
Yan Zhang *see* Zhang Yan
Yan Zhao *see* Zhao Yan
Yan Zhaohui *see* Zhaohui Yan
Yan Zhixin *see* Zhixin Yan
Yan Zhong, Lin Yang, Rafie, M. A generic convolutional code Viterbi decoder generator 56271
Yan Zhou *see* Feng Zhou 55236
Yan Zhou *see* Zhou Yan
Yan Zhu, Zhu Yan Computerized tumor boundary detection using a Hopfield neural network 28215
Yan Zhu *see* Zhu Yan
Yan Zhu Ning *see* Ning Yan Zhu
Yan Zongfu, Liu Mingye The RTL binding and mapping approach of VHDL high-level synthesis system HLS/BIT 11131
Yan-Da Li *see* Chaung-Bai Xiao 4652
Yan-Feng Chen, Shi-Ning Zhu, Yong-Yuan Zhu, Nai-Ben Ming, Biao-Bing Jin, Ri-Xing Wu High-frequency resonance in acoustic superlattice of periodically poled $LiTaO_3$ 32764
Yan-Feng Chen *see* Yong-Yuan Zhu 3022
Yan-Qing Lu, Ya-Lin Lu, Chen-Chen Xue, Jian-Jun Zheng, Xiang-Fei Chen, Gui-Peng Luo, Nai-Ben Ming, Bao-Hua Feng, Xiu-Lan Zhang Femtosecond violet light generation by quasi-phase-matched frequency doubling in optical superlattice $LiNbO_3$ 4067
Yan-Qing Lu *see* Lu Yan-Qing
Yan-Rong Li *see* Li Yan-Rong
Yan-Song Chen *see* Bi-Zhen Dong 12838
Yan-Wei Liu *see* Liu Yan-Wei
Yana, K. *see* Yoshida, H. 59392
Yanabu, S. *see* Watanabe, K. 29464
Yanagawa, H. *see* Amano, K. 27188
Yanagawa, K. *see* Ahatani, S. 33146
Yanagawa, T., Kurokawa, Y., Kasai, H., Nakanishi, H. Degenerate four-wave mixing using an optical parametric oscillator as an incoherent light source 55815
Yanagi, H. *see* Hosoya, T. 51867
Yanagi, S. *see* Noguchi, K. 52378
Yanagida, H. Two dimensional design of intelligent materials–introduction to Froc-Project 21388
Yanagida, H. *see* Hayakawa, Y. 30782
Yanagida, H. *see* Kwun-Yao Ho 17593
Yanagida, H. *see* Okubo, A. 22205
Yanagida, H. *see* Sang-Jin Jung 48709
Yanagida, K., Yoshikawa, H., Mizuno, A., Suzuki, S., Hori, T., Itoh, Y., Yokomizo, H. General expression for current transformer [pulsed linear accelerator] 7750
Yanagida, K. *see* Suzuki, S. 49030
Yanagida, K. *see* Yoshikawa, H. 49102
Yanagida, M. *see* Kojima, T. 51504
Yanagida, M. *see* Otawa, H. 7946
Yanagida, N., Takahashi, H., Taikamatsu, Y. A method of multiple fault diagnosis in sequential circuits by sensitizing sequence pairs 21646
Yanagida, N. *see* Takahashi, H. 11414
Yanagida, S. *see* Toufuku, K. 36808
Yanagida, T. *see* Yamazaki, S. 30066
Yanagida, Y. *see* Ohkura, M. 58907
Yanagidaira, T., Sato, M., Hirano, K. A streak mode soft X-ray imaging system 18158
Yanagihara, K. *see* Honjo, K. 29381
Yanagihara, K. *see* Mizuno, A. 38107
Yanagihara, Y., Hama, H. A study of estimating the qualities of PET images using t-statistical examination 18288
Yanagimoto, M. *see* Nagasaki, M. 47460
Yanagisawa, H., Noya, A., Sasaki, K., Abe, Y. Diffusion barrier effects of Al_2Zr/Zr bilayered films interposed between Al and Si 42733
Yanagisawa, H. *see* Nakamura, T. 58221
Yanagisawa, H. *see* Yoshimoto, K. 32247
Yanagisawa, J., Nakayama, H., Wakaya, F., Yuba, Y., Gamo, K. Formation of buried two-dimensional electron gas in GaAs by Si ion doping using MBE-FIB combined system 10821
Yanagisawa, J., Nakayama, H., Wakaya, F., Yuba, Y., Gamo, K. Fabrication of laterally selected Si doped layer in GaAs using a low-energy focused ion beam/molecular beam epitaxy combined system 22538
Yanagisawa, J., Onishi, N., Nakayama, H., Gamo, K. Characterization of directly deposited silicon films using low-energy focused ion beam 30891
Yanagisawa, J. *see* Wakaya, F. 12658
Yanagisawa, J. *see* Wakaya, F. 42201
Yanagisawa, K., Itoh, N., Ichikawa, T. Evaluation of the 1040×1040 PtSi CSD for astronomical use 27665
Yanagisawa, K., Kuwano, H., Nakano, S. High-aspect-ratio patterning of thick polyimide film by N_2 ion beam etching 43415
Yanagisawa, K., Kuwano, H., Tago, A. Electromagetically driven microvalve 54828
Yanagisawa, K. *see* Ichikawa, T. 27666
Yanagisawa, K. *see* Ito, M. 44596
Yanagisawa, K. *see* Kaneko, S. 32582
Yanagisawa, K. *see* Kuwano, H. 13155
Yanagisawa, K. *see* Watanabe, T. 1388
Yanagisawa, M., Moriwaki, K., Yasu, M., Shuto, K., Hibino, Y., Hashimoto, T., Yamada, Y., Inoue, Y. A new planar lightwave circuit platform for cost-effective optical hybrid modules 58329
Yanagisawa, M., Sato, A., Ajiki, K., Watanabe, F. Design concept of contact sliders for high density recording 23356
Yanagisawa, M. *see* Hashimoto, T. 3646
Yanagisawa, M. *see* Mino, S. 3668
Yanagisawa, M. *see* Mino, S. 3884
Yanagisawa, S. *see* Hiyoshi, M. 51154
Yanagisawa, S. *see* Imamura, T. 51909
Yanagisawa, T. Estimation of the degradation of amorphous silicon solar cells 61088
Yanagisawa, T., Naemura, T., Kaneko, M., Harashima, H. Handling of 3-D objects using ray space 15659
Yanagisawa, T. *see* Akiyama, T. 25520
Yanagisawa, T. *see* Naemura, T. 15457
Yanagisawa, Y., Oyabe, M., Goto, K. Coupling capacitor 38339
Yanagitani, A. *see* Takasu, I. 23336
Yanai, Y., Aibara, N., Dohke, H., Tanaka, T., Kamada, A. Development of 36 cm (15-inch) CROMACLEAR color display tube 36809
Yanaka, M. *see* Futatsugi, T. 40736
Yanaka, O. *see* Harihara, S. 27182
Yanan Guo *see* Guo Yanan
Yanari, T. *see* Hanai, M. 54979
Yanari, T. *see* Inoue, T. 9300
Yanaru, T. *see* Ishibashi, Y. 21452
Yanase, N. *see* Kawakubo, T. 43588
Yanase, S. *see* Wakiwaka, H. 51045
Yanase, T. *see* Matsumoto, A. 31174
Yanashima, K. *see* Toda, A. 40464
Yanbao Li *see* Li Yanbao
Yanbiao Liao *see* Liao Yanbiao
Yancao Zhang *see* Zhang Yancao
Yanch, J.C., Harte, K.J. Monte Carlo simulation of a miniature, radiosurgery X-ray tube using the ITS 3.0 coupled electron-photon transport code 8108
Yanch, J.C. *see* Dobrzeniecki, A.B. 8012
Yanchao Ji *see* Ji Yanchao
Yancharina, A.M. *see* Chernikova, E.V. 13952
Yanchen Zhang *see* Zhang Yanchen
Yanchuk, Z.Z. *see* Panchenko, T.V. 13798
Yanchun Shen *see* Shen Yanchun
Yanders, K.P. *see* Chung, B.C. 42540
Yandong He *see* Changhua Tan 12569
Yandong He *see* He Yandong
Yandong Yu *see* Zhudeng Wang 52478
Yanenko, A.V. *see* Chumakov, A.I. 21698
Yanfeng Chen *see* Li Sun 55159
Yang, A.T. *see* Corey, S.D. 11083
Yang, A.T. *see* Corey, S.D. 39818
Yang, A.T. *see* Kwan, K.H. 1624
Yang, B., Carotta, M.C., Guidi, V., Ferroni, M., Martineui, G., Sberveglieri, G., Faglia, G., Groppelli, S. A multilayer perceptron quantifier based on a novel preprocessing function 58897
Yang, B., Ishikawa, Y., Doumae, Y., Miki, T., Ohyama, T., Isshiki, M. Growth and characterization of high purity CdTe single crystals 41943
Yang, B. *see* Kavcic, A. 24911
Yang, B. *see* Raza, H. 9650
Yang, B. *see* Snoeks, E. 52685
Yang, B. *see* Variale, V. 37072
Yang, B.X. *see* Yin, Z. 41882
Yang, C., Herczfeld, P.R., Billmers, R.I., Contarion, V.M., Rankin, M., Dressler, E., Laux, A. Temporal response of extremely narrowband optical filters at 532 nm and their application in lidar systems 3573
Yang, C. *see* Hu, Z. 35334
Yang, C. *see* Lee, S.M. 36606
Yang, C.-M. *see* Loe, Y.-C. 42656
Yang, C.-S. *see* Hsu, L.-S. 43672
Yang, C.C. *see* Chih-Wei Hsu 3865
Yang, C.C. *see* Jian-Jang Huang 54214
Yang, C.C. *see* Jian-Jang Huang 55732
Yang, C.D. *see* Ku, T.K. 41740
Yang, C.D. *see* Shiau, T.N. 50878
Yang, C.H., Wang, Y.Y., Wan, C.C., Chen, C.J. A search for the mechanism of direct copper plating via bridging ligands 12817
Yang, C.H. *see* Badakhshan, A. 42652
Yang, C.H. *see* Brusic, V. 54485
Yang, C.K.K., Horowitz, M.A. A 0.8-μm CMOS 2.5 Gb/s oversampling receiver and transmitter for serial links 16481
Yang, C.R., Perng, J.T., Wang, Y.Y., Wan, C.C. Conductive behaviour of lithium ions in poly-acrylonitrile 29537
Yang, C.Y. *see* Jian Mi 12527
Yang, C.Y. *see* Tan, K.P.S. 22018
Yang, D., Bei, W. Electronic flexible hybrid composite films PVDF/SiO_2 13296
Yang, D., Deng, W., Jiang, Y., Wang, S., Wu, Z. Organic electronic crystals N-phenyl-phthalic imidine and their properties 13244
Yang, D., Flockton, S.J. Robust adaptive subspace extraction for DOA tracking 25120
Yang, D. *see* Flockton, S.J. 34752
Yang, D.C. *see* Lucas, K.D. 2522
Yang, D.H., Wang, F.Z., Wang, Y.Q. A compact diode laser system for small optically pumped cesium beam frequency standards 27322
Yang, D.I., Shin, Y.J., Yu, P.R., Choi, I.H., Choi, Y.D., Kim, W.T., Park, H. Growth of cubic (Zinc blende) CdSe by electron beam evaporation and the structural characteristics of CdSe/GaAs epi-layers 40439
Yang, D.K. *see* Chang, G.S. 7073
Yang, E.-H. *see* Ahlswede, R. 24729
Yang, E.-H. *see* Zhang, Z. 24730
Yang, E.H., Han, S.W., Yang, S.S. Fabrication and testing of a pair of passive bivalvular microvalves composed of p+ silicon diaphragms 32592
Yang, E.H., Yang, S.S. The quantitative determination of the residual stress profile in oxidized p^+ silicon films 12146
Yang, E.S. *see* Hai-Jiang Ou 53586
Yang, E.S. *see* Yue-Fei Yang 2610
Yang, F. *see* Hansen, D.A. 54421
Yang, F.H. *see* Knap, W. 54169
Yang, F.M. *see* Wang, J.L. 23297
Yang, F.M. *see* Xiu-Feng Han 43628
Yang, F.S., Marhic, M.E., Kazovsky, L.G. CW fibre optical parametric amplifier with net gain and wavelength conversion efficiency >1 16689
Yang, F.S. *see* Marhic, M.E. 14328
Yang, F.S. *see* Marhic, M.E. 33699
Yang, G. Introduction to information network architecture 35753
Yang, G., Billmers, R.I., Herczfeld, P.R., Contarino, V.M. Temporal characteristics of narrow-band optical filters and their application in lidar systems 55373
Yang, G., Collins, M.J., Peng Gong Multisource data integration with neural networks: optimal selection of net variables for lithologic classification 8367
Yang, G., Kim, J.H., Yang, S., Weiss, A.H. Depth profile analysis of surfaces produced by annealing ultra-thin films of Au deposited on Si(100) 32055
Yang, G. *see* Manteuffel, T. 622
Yang, G.-C., Kwong, W.C. Image transmission in multicore-fiber code-division multiple access network 47957
Yang, G.-C. *see* Kwong, W.C. 26215
Yang, G.-C. *see* Kwong, W.C. 26849
Yang, G.-R., Mathur, D., McDonald, J.F., Lu, T.-M. Study on the interfaces of Cu/PA-N and PA-N/Si by secondary ion mass spectroscopy and scanning electron microscopy 12566
Yang, G.-R., Mathur, D., Wu, X.M., Dabral, S., McDonald, J.F., Lu, T.-M., Bakhru, H. Microstructures of parylene-N thin films and the effect on copper diffusion 12586
Yang, G.-R., Zhao, Y.-P., Abburi, M., Dabral, S., Tong, B.Y. Comparison of low-temperature oxidation of crystalline Si and B with a-Si:B alloy: an X-ray photoelectron spectroscopy study 32212
Yang, G.-R. *see* Hu, Y.Z. 42440
Yang, G.-R. *see* Neirynck, J.M. 40682
Yang, G.J. *see* Yi-Ping Hung 17660

Yang, G.M. Thermal stability of NLO effects in polymers 55895
Yang, G.M., Sessler, G.M., Muller, H., Roth, W. Electret behavior of PET films in various stages of production 54973
Yang, G.M. *see* Das-Gupta, D.K. 13206
Yang, G.M. *see* Kim, J.-H. 12705
Yang, G.M. *see* Sessler, G.M. 33110
Yang, G.M. *see* Sessler, G.M. 54873
Yang, H., Brandt, O., Trampert, A., Ploog, K.H. Initial stage of growth of GaN/GaAs(001) in plasma-assisted molecular beam epitaxy 788
Yang, H., Mawst, L.J., Nesnidal, M., Lopez, J., Bhattacharya, A., Botez, D. 10W near-diffraction-limited peak pulsed power from Al-free, 0.98 μm-emitting phase-locked antiguided arrays 24011
Yang, H., Mawst, L.J., Nesnidal, M., Lopez, J., Bhattacharya, A., Botez, D. 10 W near-diffraction-limited pulsed power from Al-free phase-locked antiguided arrays 55729
Yang, H., Saif, M. Observer design and fault diagnosis for retarded dynamical systems 30371
Yang, H. *see* Brandt, O. 21249
Yang, H. *see* Jorgensen, M. 57996
Yang, H. *see* Ploog, K.H. 30837
Yang, H. *see* Trampert, A. 31846
Yang, H.-K., Snelgrove, M. Symbol timing recovery using oversampling techniques 1196
Yang, H.-P.D., Hwang, F.C. Very high current density pseudomorphic double channel $In_{0.49}Ga_{0.51}P/In_{0.3}Ga_{0.7}As/GaAs$ HEMT 41467
Yang, H.-P.D. *see* Yeong-Lin Lai 32267
Yang, H.-Y.D., Alexopoulos, N.G., Yablonovitch, E. Photonic band-gap materials for high-gain printed circuit antennas 24552
Yang, H.C., Lee, L.K., Co, R.S. A low jitter 0.3-165 MHz CMOS PLL frequency synthesizer for 3 V/5 V operation 41279
Yang, H.C., Lu, J.H., Young, B., Horng, H.E. Critical current characteristics of step-edge $YBa_2Cu_3O_y$ weak links 43836
Yang, H.C. *see* Co, R.S. 57844
Yang, H.C. *see* Kim, J.M. 58930
Yang, H.H., Amari, S. Two gradient descent algorithms for blind signal separation 15274
Yang, H.H., Wong, D.F. Balanced partitioning 21629
Yang, H.H. *see* Amari, S. 56388
Yang, H.H. *see* Herrmann, M. 34749
Yang, H.Hua *see* Hua Yang, H.
Yang, H.Q., Li, D.P., Han, S., Li, N., Lin, B.X. Vanadium-manganese complex oxides as cathode materials for aqueous solution secondary batteries 9524
Yang, H.X., Marshall, R.H., Brinkworth, B.J. Validated simulation for thermal regulation of photovoltaic wall structures 50834
Yang, H.Y. *see* Lucovsky, G. 43016
Yang, H.Y.D. Finite difference analysis of 2-D photonic crystals 24519
Yang, H.Y.D. Characteristics of guided and leaky waves on multilayer thin-film structures with planar material gratings 45328
Yang, H.Y.D., Alexopoulos, N., Dias, R. Reflection and transmission of waves from artificial-material layers made of periodic material blocks 33994
Yang, I. *see* Ramsteiner, M. 31830
Yang, I.-J., Teng, M.-Y., Huan, W.-I., Sun, Y.-L. Decontamination of the reactor coolant pump in Maanshan nuclear power plant 19518
Yang, I.Y., Antoniadis, D.A., Smith, H.I. Fabrication of back-gated complementary metal-oxide semiconductor devices using mixed and matched optical and X-ray lithographies 22727
Yang, I.Y., Lochtefeld, A., Antoniadis, D.A. Silicon-on-insulator-with-active-substrate (SOIAS) technology 22967
Yang, I.Y., Vieri, C., Chandrakasan, A., Antoniadis, D.A. Back-gated CMOS on SOIAS for dynamic threshold voltage control 54810
Yang, I.Y. *see* Sherony, M.J. 13005
Yang, J., Chen Wu, Litva, J. Microstrip ring antennas for PCS application 34450
Yang, J., Huang, S.C., Lin, K.P., Czernin, J., Wolfenden, P., Dahlbom, M., Hoh, C.K., Phelps, M.E. A new axial smoothing method based on elastic mapping 28240
Yang, J., Huang, S.C., Mega, M., Lin, K.P., Toga, A.W., Small, G.W., Phelps, M.E. Investigation of partial volume correction methods for brain FDG PET studies 28235
Yang, J., Kuikka, J. Attenuation maps for SPECT determined by fan beam transmission computed tomography 28286
Yang, J., Ozawa, S. Correspondence in road image sequence 4955
Yang, J., Wang, J., Huang, S. Speckle filtering for SAR images based on orthonormal wavelet transform 26955
Yang, J., Winter, M., Besenhard, J.O. Small particle size multiphase Li-alloy anodes for lithium-ion-batteries 29563
Yang, J., Xu, X., Banerjee, A., Guha, S. Progress in triple-junction amorphous silicon alloy solar cells with improved current mismatch in component cells 39126
Yang, J., Zhang, D., Ohnishi, N., Sugie, N. Uniqueness of shape recovery based on interreflections 35013
Yang, J. *see* Atia, M. 17282
Yang, J. *see* Burkett, S.L. 55042
Yang, J. *see* Glatfelter, T. 38654
Yang, J. *see* Jiang, L. 9555
Yang, J. *see* Khan, M.A. 43137
Yang, J. *see* Knap, W. 54169
Yang, J. *see* Mahan, A.H. 39132
Yang, J. *see* Palsule, C. 42077
Yang, J. *see* Sugiyama, S. 29637
Yang, J.-F. *see* Chan, D.-Y. 15205
Yang, J.-M., Kim, S.-Y., Kim, S.-J., Jeon, B.-T. Implementation of a coherent detector with minimum errors for radar receiver 48120
Yang, J.-Y. *see* Chin-Yu Tsai 43347
Yang, J.C.-Y., Clarke, D.W. A self-validating thermocouple 48428
Yang, J.G. *see* Seong-Heon Seo 60892
Yang, J.H. *see* Yang, P.H. 27757
Yang, J.J., Chen, L.J. High resolution transmission electron microscope study of solid phase epitaxial growth of very high dose, low energy P^+ implanted (001)Si 41847
Yang, J.J. *see* Loe, Y.-C. 42656
Yang, J.P. *see* Qadri, S.B. 41902
Yang, J.S., Tiersten, H.F. The influence of the free edge on the vibration characteristics of a contoured, beveled cylindrical quartz resonator 13357
Yang, J.W., Sun, C.J., Chen, Q., Anwar, M.Z., Asif Khan, M., Nikishin, S.A., Seryogin, G.A., Osinsky, A.V., Chernyak, L., Temkin, H., Chimin Hu, Mahajan, S. High quality GaN-InGaN heterostructures grown on (111) silicon substrates 12341
Yang, J.W. *see* Burm, J. 41443
Yang, J.W. *see* Chen, Q. 58757
Yang, J.W. *see* Jiang, H.X. 41899
Yang, J.W. *see* Khan, M.A. 13902
Yang, J.W. *see* Khan, M.A. 31509
Yang, J.W. *see* Luther, B.P. 22425
Yang, J.W. *see* Ping, A.T. 54458
Yang, J.W. *see* Sun, C.J. 44277
Yang, J.Y. *see* Lim, B.W. 7365
Yang, K. *see* Gutierrez-Aitken, A.L. 26734
Yang, K. *see* Seong-Don Hwang 42909
Yang, K. *see* Shen, B. 41880
Yang, K. *see* Syao, K.-C. 26784
Yang, K. *see* Syao, K.C. 47993
Yang, K.H., Chang, H.L., Liu, D.Y., Tsuei, B.Y., Su, T.B., Tsai, C.D. The analysis of a waste heat recovery system for a large-scale fossil-fueled plant 19532
Yang, K.H., Hwang, R.L., Hwang, W.J. The dynamic analysis of thermal energy storage air-conditioning systems in Taiwan area 20248
Yang, K.S. *see* Adam, A. 37280
Yang, K.T. *see* Huang, H.J. 30291
Yang, K.T. *see* Liao, Q.D. 31311
Yang, L., Albregtsen, F., Lonnestad, T., Grottum, P., Iversen, J.-G., Rotnes, J.S., Rottingen, J.-A. Measuring shape and motion of white blood cells from sequences of fluorescence microscopy images 18201
Yang, L., Li, Q., Li, C. Error performance of coherent DS-CDMA with orthogonal codes in Nakagami frequency-selective fading channels 35463
Yang, L., Yang, T. Synchronization of Chua's circuits with parameter mismatching using adaptive model-following control 35909
Yang, L. *see* Birta, L.G. 40233
Yang, L. *see* Carlson, D.E. 39124
Yang, L. *see* Chen, L. 39150
Yang, L. *see* Chung, T.R. 41848
Yang, L. *see* Zhicheng Qiu 8562
Yang, L.-B. *see* Yang, T. 35099
Yang, L.X. *see* Baoyun Wang 53286
Yang, L.Y., Leong, K.C. Thermal dissipation characteristics of a tape automated bonding electronic package 20875
Yang, M., Jackson, R., Lassiter, T. Controlling of microloading effect of polysilicon etching in high density ECR etcher 54467
Yang, M.-C., Wu, J.-L. A novel interpretation of the two-dimensional discrete Hartley transform 4856
Yang, M.-C., Wu, J.-L. New algorithms of two-dimensional discrete Hartley transform 45927
Yang, M.J. *see* Wagner, R.J. 42107
Yang, M.S. *see* Huang, J.C.A. 30824
Yang, O.W. *see* Zhang, H. 25861
Yang, O.W.W. *see* Zhou, P. 47229
Yang, P.H., Yang, J.H., Chen, C.S., Peng, D.K., Meng, G.Y. Performance evaluation of SO_x (x=2,3) gas sensors using Ag-β″-alumina solid electrolyte 27757
Yang, Q., Butler, C., Baird, P. Error compensation of touch trigger probes [on CMM] 7296
Yang, Q. *see* Chen, L. 54488
Yang, R.Q., Chih-Hsiang Lin, Murry, S.J., Pei, S.S., Liu, H.C., Buchanan, M., Dupont, E. Interband cascade light emitting diodes in the 5-8 μm spectrum region 44293
Yang, R.Q. *see* Chih-Hsiang Lin 44547
Yang, R.Q. *see* Malin, J.I. 3891
Yang, R.Y. *see* Mo, Y.L. 9010
Yang, S., Chang, K.-C. Comparison of score metrics for Bayesian network learning 21054
Yang, S., Vayshenker, I., Xiaoyu Li, Scott, T.R., Zander, M. Optical detector nonlinearity: simulation 17281
Yang, S. *see* Atanasov, P. 7459
Yang, S. *see* Bohr, M. 41067
Yang, S. *see* Lala, P.K. 36435
Yang, S. *see* Maytal, B.-Z. 32897
Yang, S. *see* Said, A.A. 24227
Yang, S. *see* Wagner, B. 17671
Yang, S. *see* Xia, T. 4092
Yang, S. *see* Yang, G. 32055
Yang, S.-H., Morris, S., Tian, S., Morris, M., Parab, K., Obradovich, B., Tasch, A., Snell, C. An accurate Monte Carlo binary collision model for BF_2 implants into (100) single-crystal silicon 54344
Yang, S.-H. *see* Ghante, V. 12687
Yang, S.-H. *see* Morris, S. 12661
Yang, S.-H. *see* Morris, S. 54343
Yang, S.-H. *see* Morris, S.J. 42398
Yang, S.-H. *see* Parab, K.B. 12693
Yang, S.-J. *see* Whidden, T.K. 42843
Yang, S.H., Adourian, A.S., Westervelt, R.M., Campman, K.L., Gossard, A.C. Conductance oscillations in a deformable quantum ring 12497
Yang, S.H. *see* Lee, H.S. 27213
Yang, S.H. *see* Moon, H.S. 3931
Yang, S.J. *see* Lin, W.J. 10883
Yang, S.L. Delta-wave in simple 1-D 2×2 hyperbolic problem 641
Yang, S.M., Jeng, C.A. Structural vibration suppression by concurrent piezoelectric sensor and actuator 32770
Yang, S.M., Lee, G.S. Vibration control of smart structures by using neural networks 52866
Yang, S.Q. *see* Zhao, J.P. 40630
Yang, S.S. *see* Yang, E.H. 12146
Yang, S.S. *see* Yang, E.H. 32592
Yang, S.T., Imai, Y., Oka, M., Eguchi, N., Kubota, S. Frequency-stabilized, 10-W continuous-wave, laser-diode end-pumped, injection-locked Nd:YAG laser 3747
Yang, S.T. *see* Niemann, R.C. 39255
Yang, S.Y., Yeh, S.M., Bor, S.S., Huang, S.R., Hwang, C.C. Electromagnetic backscattering from aircraft propeller blades 48055
Yang, T., Chaichimansour, M., Park, W., Wagner, B.K., Schaus, C., Sun, S.-S., Thomas, E., Wang, Z.L., Summers, C.J. MBE growth and characterization of $SrGa_2S_4$:Ce blue phosphor for thin-film electroluminescence 55439
Yang, T., Yang, L.-B., Wu, C.W., Chua, L.O. Fuzzy cellular neural networks: applications 35099
Yang, T. *see* Kapat, J.S. 50794
Yang, T. *see* Ni, J. 5771
Yang, T. *see* Nie, J.C. 13484
Yang, T. *see* Yang, L. 35909
Yang, T.-C., Saraswat, K.C. Effect of growth conditions on the reliability of ultrathin MOS gate oxides 42612
Yang, T.-S.G. Performance analysis on distributed network management system 6185
Yang, T.-S.G. ATM switch evolution and performance test 6404
Yang, T.-S.G., Li, V.O.K. Joint virtual path routing and capacity design for ATM networks 25968
Yang, T.C. Applying H_∞ optimisation method to power system stabiliser design. I. Single-machine infinite bus systems 19152
Yang, T.C. Applying H_∞ optimisation method to power system stabiliser design. II. Multi-machine power systems 19153
Yang, T.C., Munro, N. Application of a pole assignment algorithm to multi-machine power system stabiliser design 38240
Yang, T.C., Yates, T.W. Acoustic inversion of bottom reflectivity and bottom sound-speed profile 18757
Yang, T.C. *see* Cimen, H. 19239
Yang, T.C.K., Viswanath, D.S. In-situ measurement of emissivities of ceramic-polymer composite materials 40680
Yang, T.K. *see* Park, S.T. 49313
Yang, V.K. *see* Chua, C.L. 55687
Yang, W. Neuromorphic CMOS circuitry for active bidirectional delay lines 2824
Yang, W., Merchant, J.W. Variations in land cover area estimated from remotely sensed data 8402
Yang, W., Shen, Z., Li, Z. Passive position location and tracking based on the extended Kalman filter 26947
Yang, W. *see* Miller, J. 1200
Yang, W. *see* Nishino, H. 48474
Yang, W. *see* Steiner, P. 1522
Yang, W. *see* Steiner, P. 21771
Yang, W.-B. *see* Geraniotis, E. 26669
Yang, W.-P. *see* Li, Z.-Y. 15590
Yang, W.Q. A self-balancing circuit to measure capacitance and loss conductance for industrial transducer applications 17732
Yang, W.S. *see* Lee, J.J. 52780
Yang, X., Brillson, L.J., Raisanen, A.D., Vanzetti, L., Bonanni, A., Franciosi, A., Grundmann, M., Bimberg, D. Evolution of deep levels and internal photoemission with annealing temperature at ZnSe/GaAs interfaces 54157
Yang, X., Kawamata, M., Higuchi, T. Balanced realisations and model reduction of periodically time-varying state-space digital filters 15203
Yang, X., Ramchandran, K. Region-based video coding using backward motion field segmentation 56883
Yang, X. *see* Smilowitz, L. 44636
Yang, X. *see* Wen, Z. 44133
Yang, X.H. *see* Morkoc, H. 12362
Yang, X.P. *see* Xu, Z.Y. 2215

Yang, X.Q., Goh, C.J. A method for convex curve approximation 40099
Yang, Y., Ma, J., Zhang, W. Fail self-diagnosing technique in closed-loop I-FOG and its application in redundant strapdown inertial measure unit 27636
Yang, Y. *see* Campbell, M. 58802
Yang, Y. *see* Wallace, P.A. 48585
Yang, Y. *see* Ye, X.Y. 11013
Yang, Y. *see* Ye, X.Y. 27932
Yang, Y.D. *see* Wang, S.C. 12824
Yang, Y.H. Interaction correction to AC conductivity in the disordered tunneling superlattice 42209
Yang, Y.K., Lou, J.H. New results on the resistance of an n-cube 53010
Yang, Y.L. *see* White, M.H. 1368
Yang, Y.T., Heh, D., Wei, P.K., Fann, W.S., Gray, M.H., Hsu, J.W.P. Vibration dynamics of tapered optical fiber probes 36597
Yang, Z., Li, L.K., Wang, W.I. P-type Mg-doped GaN grown by molecular beam epitaxy using ammonia as the nitrogen source 21268
Yang, Z., Sou, I.K., Yeung, Y.H., Wong, G.K.L., Jie Wang, Cai-Xia Jin, Xiao-Yuan Hou Interface states of ZnSe/GaAs interface 54159
Yang, Z. *see* Brookes, W. 6155
Yang, Z.C., Hao, P.H., Wang, L.C. Au/In/Pd/Te/Pd ohmic contact to n-GaSb 12530
Yang, Z.J. *see* Cha, Y.S. 43760
Yang, Z.J. *see* Hu, W.S. 10841
Yang, Z.J. *see* Zhang, G.Y. 52678
Yang Bai *see* Gao Mingyuan 31828
Yang Bailing *see* Duo Liping 23755
Yang Bang-Chao *see* Liu Xing-Zhao 2230
Yang Bao, Ming Hai, Xie Jianping Theoretical study on pulse nonlinear amplification in Er^{3+}-doped fiber power amplifier 14016
Yang Bi-Ke *see* Bi-Ke Yang
Yang Bin *see* Zhou Shuangxi 28730
Yang Bin *see* Bin Yang
Yang Bing *see* Zhang Bingzhong 36883
Yang Bingchuan *see* Jin Biaobing 55146
Yang Bingfan, Zhou Junfeng, Guan Xialing, Qin Jiuchang, Zhang Chanzhe, Shu Shengyong An improvement on the laddertron in Beijing HI-13 49044
Yang Bo Ling *see* Li Bin 3698
Yang Bojun *see* Yu Jianjun 58265
Yang Cao, Zhongfu Xia, Gang Yuan, Hongyan Zhang, Huamao Lin, Jianwei Zhu Numerical study of space charge dispersive transport in non-polar electrets 54901
Yang Cao *see* Cao Yang
Yang Chang-Fa *see* Chang-Fa Yang
Yang Chang-Ping *see* Chang-Ping Yang
Yang Changxi *see* Changxi Yang
Yang Chanjuan, Shi Lin, Yang Washai The initiated technique of the recursive digital filter 41329
Yang Chankyong *see* Chankyong Yang
Yang Chen-Kuang, Su Hua-Tsung, Ku Chen-Tzung The application trend of distribution automation and intelligent meters 50535
Yang Chen-Kuang *see* Jeng Yih 60223
Yang Cheng-Fu *see* Cheng-Fu Yang
Yang Cheng-Qing *see* Cheng-Qing Yang
Yang Cheon-Soon *see* Cheon-Soon Yang
Yang Chi-Ching *see* Chi-Ching Yang
Yang Chien Kuo *see* Chien Kuo Yang
Yang Ching-Chao *see* Ching-Chao Yang
Yang Ching-Mei *see* Ching-Mei Yang
Yang Ching-Wen *see* Ching-Wen Yang
Yang Ching-Yuan *see* Ching-Yuan Yang
Yang Chong Ho *see* Chong Ho Yang
Yang Chun *see* Chun Yang
Yang Chungsen *see* Ding Guifu 51460
Yang Chunling *see* Chunling Yang
Yang Chunxin, Yuan Xiugan Analysis of the heat transfer behaviour of the cold plate of avionics 59927
Yang Ciann-Dong *see* Ciann-Dong Yang
Yang Daben *see* Daben Yang
Yang Dafeng *see* Dafeng Yang
Yang Dai, Jianming Shi, Yamamoto, Y. Global optimization problem with multiple reverse convex constraints and its application to out-of-roundness problem 485
Yang Deng-Ke *see* Deng-Ke Yang
Yang Dong *see* Li Jun 57386
Yang Donghai *see* Donghai Yang
Yang En-Chung *see* En-Chung Yang
Yang Enze *see* Pan Ji 3414
Yang Eui-Hyeok *see* Eui-Hyeok Yang
Yang Fan *see* Fan Yang
Yang Fangchun *see* Fangchun Yang
Yang Fengfang *see* Fengfang Yang
Yang Foo Han *see* Han Yang Foo
Yang Fuming *see* Pan Hongge 23296
Yang Fusheng *see* Zhang Tong 8062
Yang Gao, McLellan, J.F. Development of integrated GPS positioning and navigation systems 17004
Yang Gao, McLellan, J.F., Schleppe, J.B. An optimized GPS carrier phase ambiguity search method focusing on speed and reliability 16653
Yang Geng *see* Geng Yang
Yang Guang-Zhong *see* Guang-Zhong Yang
Yang Guangbin *see* Guangbin Yang
Yang Gun-Chang *see* Gun-Chang Yang
Yang Guo-Wen *see* Guo-Wen Yang
Yang Guo-Zhen *see* Guo-Zhen Yang
Yang Guoguang *see* Guoguang Yang
Yang Guohong *see* Yu Zhangyuan 3381
Yang Guohong *see* Zhao Jianlong 11254
Yang Guozhen *see* Guozhen Yang
Yang Guu-Chang *see* Guu-Chang Yang
Yang Gye Mo *see* Gye Mo Yang
Yang Hai-Won *see* Hai-Won Yang
Yang Haiqing *see* Haiqing Yang
Yang Haiyun *see* Haiyun Yang
Yang He *see* Yang Jia-Xiang 13291
Yang He *see* Yang Jia-Xiang 14510
Yang Ho *see* Ho Yang
Yang Hoi Doh *see* Cheol Su Kim 55174
Yang Hong *see* Hong Yang
Yang Hong-Ming *see* Hong-Ming Yang
Yang Hong-Tzer *see* Hong-Tzer Yang
Yang Hongru *see* Ren Youlai 14022
Yang Hongru *see* Yan Xinglong 44429
Yang Hoon-Gee *see* Hoon-Gee Yang
Yang Hsin-Tai *see* Hsin-Tai Yang
Yang Huaijiang, Shen Ke, Weng Zhaoheng, Zhou Liwei Adaptive control of chaotic optical systems with neural networks 4076
Yang Huang-Lin *see* Huang-Lin Yang
Yang Huaquan *see* Yang Hui 29554
Yang Huazhong, Wang Hui, Liu Runsheng, Fan Chongzhi An optimization-based synthesizer for analog cells 2766
Yang Huazhong, Wang Hui, Liu Runsheng, Fan Chongzhi Deep submicron trends and implications on electronic design automation 13094
Yang Hui, Yang Huaquan, Lu Yinlin, Li Neng, Li Bingxiong Research of Zn-Mn spinel electrode material for aqueous secondary batteries 29554
Yang Hui *see* Le Jialing 49003
Yang Hui *see* Lu Liwu 32006
Yang Hui *see* Yang Zhixing 6848
Yang Hui *see* Hui Yang
Yang Huimin, Chen Hongyi, Sun Yihe A 2.4 kbps MBE-LPC speech codec algorithm suitable for VLSI implementation 58049
Yang Hung-Yu David *see* Hung-Yu David Yang
Yang Jae Choon *see* Jae Choon Yang
Yang Jar-Ferr *see* Jar-Ferr Yang
Yang Jeen-Mo *see* Jeen-Mo Yang
Yang Jeng-Rern *see* Jeng-Rern Yang
Yang Jeon-Wook *see* Jeon-Wook Yang
Yang Ji, Jingjuan Zhang, Jingcong Wang Binary optics design with genetic algorithm 44160
Yang Ji-Woon *see* Ji-Woon Yang
Yang Ji-Yi *see* Ji-Yi Yang
Yang Jia-Xiang, Chi Xiao-Chun, Liu Ji, Ding Li-Jian, Yang He Electrostatic enhanced heat transfer in a dielectric liquid 13291
Yang Jia-Xiang, Chi Xiao-Chun, Liu Yong A suppression method of oil flow electrification on surface of insulating paper 19812
Yang Jia-Xiang, Ding Li-Jian, Chi Xiao-Chun, Liu Ji, Yang He Influences of electrical field on boiling-condensation heat transfer system 14510
Yang Jia-Xiang *see* Chi Xiao-Chun 19813
Yang Jia-Xiang *see* Huang Yun-Jin 32725
Yang Jiamin *see* Yi Rongqing 28055
Yang Jian, Lin Qingnong Design and realization of RD-800/B EMS network database 28794
Yang Jian, Lin Qingwong, Liu Ji, Yu Xianfeng, Chen Hong The advanced application software in RD-800/B distributed energy management system 38286
Yang Jian *see* Jian Yang
Yang Jian-Bo *see* Jian-Bo Yang
Yang Jianhue *see* Feng Zhenghe 58461
Yang Jianrong *see* Wang Shanli 10788
Yang Jiawei Topological conditions for unique solvability of RLC op amp networks 21509
Yang Jiawei *see* Zhu Ying 46807
Yang Jie *see* Gao Chun-Xiao 40310
Yang Jie *see* Jie Yang
Yang Jin-Shry *see* Chang Chih-Sheng 50655
Yang Jin-Shyr *see* Jin-Shyr Yang
Yang Jingan *see* Jingan Yang
Yang Jingjian Generating sharing image for YFSIM interactive subsystem 25694
Yang Jingming *see* Liu Zheng 2283
Yang Jingyu *see* Lu Jianfeng 49521
Yang Jingyu *see* Jingyu Yang
Yang Jui-Ling *see* Jui-Ling Yang
Yang Jun *see* Jun Yang
Yang Juping *see* Juping Yang
Yang Jyh-Shinn *see* Jyh-Shinn Yang
Yang Kai, Qin Lin-Hong, Zhang Rong, Shen Bo, Zheng You-Dou, Huang Zhen-Chun, Chen, J.C. Photocurrent studies of ultraviolet detector based on gallium nitride epilayer 48516
Yang Kai *see* Kai Yang
Yang Keming *see* Sun Longhe 8708
Yang Kezhong *see* Du Biao 56174
Yang Kuan Liu *see* Ning Gu 42845
Yang Kun *see* Xu Jiandong 24239
Yang Kun *see* Kun Yang
Yang Kyeongcheol *see* Kyeongcheol Yang
Yang Laidi *see* Mao Sen 23444
Yang Leiling, Qiu Weihua, Liu Qingguo Polyaniline cathode material for lithium batteries 29583
Yang Leiling *see* Qiu Weihua 29587
Yang Leiling *see* Wang Shujun 29589
Yang Li, Wang Shuhua Initial alignment systems of inertial navigation using BP neural network 28548
Yang Li *see* Xie Yi 834
Yang Li *see* Li Yang
Yang Liansiang *see* Liansiang Yang
Yang Lianxiang *see* Lianxiang Yang
Yang Lianxing *see* Li Wei 56811
Yang Lianxing *see* Yuan Xin 53271
Yang Libing *see* Libing Yang
Yang Lieliang, Li Chengshu Direct-sequence spread-spectrum multiple-access communication mode based on residue number system and its performance 5811
Yang Lin *see* Lin Yang
Yang Lin-Bao *see* Lin-Bao Yang
Yang Ling *see* Chen Gen-Xiang 43939
Yang Lu *see* Feng Wang 54378
Yang Luren *see* Luren Yang
Yang Mau, Zhang Sheling, Tan Hong Developing a multimedia demonstration system of a phased array radar in Windows 58469
Yang Meiqun *see* Meiqun Yang
Yang Miao *see* Xu Jiandong 24239
Yang Miao *see* Miao Yang
Yang Min *see* Min Yang
Yang Ming *see* Goad, C.C. 36070
Yang Ming-Chwen *see* Ming-Chwen Yang
Yang Ming-Ju *see* Ming-Ju Yang
Yang Mingzhong *see* Zhao Yong 20795
Yang Mo Kim *see* Jin Sung Kim 53031
Yang Muh-Rong *see* Muh-Rong Yang
Yang Nan Echo cancellation for digital subscriber lines 58036
Yang Nianzu *see* Jiang Yueyuan 29049
Yang Nianzu *see* Li Dezhong 38500
Yang O-Seung *see* O-Seung Yang
Yang Pai-Chuan *see* Pai-Chuan Yang
Yang Ping Li *see* Li Yang Ping
Yang Pingyong *see* Li Zhenhua 33463
Yang Qiaoxu *see* Cao Yunfeng 37957
Yang Qiguang *see* Qiguang Yang
Yang Qimin, Zhang Wenbi, Zhong Liyun, Gong Ailing The diffraction of holographic relief grating 14469
Yang Qimin *see* Xiong Bingheng 14468
Yang Qimin *see* Qimin Yang
Yang Qiming *see* Qiming Yang
Yang Qing *see* Jia Jianyuan 48926
Yang Qingxin *see* Wu Qing 51389
Yang Qinqing *see* Qinqing Yang
Yang Qiru, Huang Yunjia, Lei Qingquan Thermally stimulated current study of low-density polyethylene with and without inorganic filler 32727
Yang Qiru *see* Qiru Yang
Yang Qiuheng *see* Wu Yusheng 50371
Yang Qixun *see* Liu Guoxian 38284
Yang Quanrang *see* Wu Wen 14688
Yang Ren-Kuei *see* Ren-Kuei Yang
Yang Rijie Wang Jianqiang *see* Yang Xiao Dong 53074
Yang Rong-Guang *see* Yu Zhien 46134
Yang Rong-Pyng *see* Rong-Pyng Yang
Yang Ruichang *see* Zheng Rongchuan 17868
Yang Ruikang *see* Ruikang Yang
Yang Rung-Chiung *see* Rung-Chiung Yang
Yang Saeyang *see* Saeyang Yang
Yang Sang-Sik *see* Sang-Sik Yang
Yang Seen-Ok *see* Seen-Ok Yang
Yang Sen *see* Sen Yang
Yang Seung-Hak *see* Seung-Hak Yang
Yang Seung-Hun *see* Seung-Hun Yang
Yang Shang-Jin *see* Huang Wen-Zhong 44354
Yang Shanshui *see* Liu Xiang 38852
Yang Shaopeng, Zhang Mingrui Power utilization coefficient and intermodulation interference of wide-band transponders 56068
Yang Sheng, Wu Cheng Normal Petri net and its backward optimal scheduling 10323
Yang Sheng-Hui *see* Sheng-Hui Yang
Yang Shi-Nine *see* Shi-Nine Yang
Yang Shih-Hsuan *see* Shih-Hsuan Yang
Yang Shih-Tsung *see* Shih-Tsung Yang
Yang Shiwen, Li Hongfu, Qiang Ji Study of 8 mm high power mode converter 21866
Yang Shiwen *see* Shiwen Yang
Yang Shiyou, Ni Guangzheng, Li Yan, Tang Renyuan Shape optimization of pole shoes in harmonic exciting synchronous generators using a stochastic algorithm 50956
Yang Shiyuan *see* Luo Yupin 57676
Yang Shiyuan *see* Wei Naihong 11613
Yang Shiyuan *see* Shiyuan Yang
Yang Shuhua *see* Wang Ke 46135
Yang Shuren *see* Liu Baolin 2136
Yang Shuren *see* Wang Jing 774
Yang Shuting *see* Wang Haihong 823
Yang Shuwen, Yao Jianguo, Zhang Dengguo Fiber soliton ring laser 13991
Yang Shuwen *see* Yao Jianguo 23823
Yang Shyh-Shyan *see* Shyh-Shyan Yang
Yang Si-Ze *see* Si-Ze Yang
Yang Sianglin *see* Cao Shunxiang 3572
Yang Size *see* He Xiangjun 918
Yang Sung Hoon *see* Sung Hoon Yang
Yang Sung-Bong *see* Sung-Bong Yang
Yang Suntao *see* Suntao Yang
Yang Tae-Hyun *see* Tae-Hyun Yang
Yang Tao *see* Huang Mingqiang 32908
Yang Tao *see* Yang Wenku 17448
Yang Tao *see* Tao Yang
Yang Wang, Bhattacharya, P. Image analysis and segmentation using gray connected components 25342
Yang Wang *see* Ilgu Yun 44253

Yang Washai *see* Yang Chanjuan 41329
Yang Wei *see* Wei Yang
Yang Wei-Pang *see* Wei-Pang Yang
Yang Weiqin *see* Jiang Hong 30376
Yang Wen-Hao *see* Wen-Hao Yang
Yang Wen-Juh *see* Wen-Juh Yang
Yang Wen-Ling *see* Wen-Ling Yang
Yang Wenku, Yang Tao, Deng Wenrong Study on radiation temperature measurement with infrared fiber at low temperature 17448
Yang Weon Lee, Hong Jeong A study on the optimal data association in multi-target tracking by Hopfield neural network 8638
Yang Won-Young *see* Won-Young Yang
Yang Woo-Seung *see* Woo-Seung Yang
Yang Wooseung *see* Wooseung Yang
Yang Xia, Xinghuo Yu, Oghanna, W. Switching control strategy for the inverter-fed motor 60759
Yang Xiahui *see* Qiu Zhiliang 46879
Yang Xiang Lin *see* Li Hong 36192
Yang Xiang Lin *see* Xiang Lin Yang
Yang Xianglin *see* Wang Faqiang 4049
Yang Xiangyang *see* Xiangyang Yang
Yang Xiao Dong, Yang Rijie Wang Jianqiang, Zhao Junwei New methods of widening Wien-bridge oscillator's tuning range 53074
Yang Xiao-Feng *see* Xiao-Feng Yang
Yang Xiao-Ping *see* Luo Ke-Jian 31993
Yang Xiaohuan *see* Xiaohuan Yang
Yang Xiaohui *see* Xie Shizhong 20835
Yang Xiaojun *see* Yao Yiping 49923
Yang Xiaojun *see* Xiaojun Yang
Yang Xiaoli *see* Xu Zhongyou 53308
Yang Xiaowei *see* Xiaowei Yang
Yang Xiejun *see* Wang Ping 57764
Yang Xinchang *see* Xinchang Yang
Yang Xingzi *see* Xingzi Yang
Yang Xinhui *see* Liu Zengji 47476
Yang Xue-Lin *see* Xue-Lin Yang
Yang Xuechang, Qi Qingcheng, Cui Yibin Determination of equivalent parameters of the transformer winding for transient analyses 1747
Yang Xuejun *see* Hu Changqing 58073
Yang Xueyou, Ren Dahai, Wang Zhong, Ye Shenghua, Lu Hongbo, Duan Jilin The application of total distributed control system in car-body inspection 39886
Yang Xuguang *see* Xuguang Yang
Yang Yan *see* Yan Yang
Yang Yang, Qibing Pei Efficient green-blue polymer light emitting electrochemical cells 3622
Yang Yang, Qibing Pei Efficient blue-green and white light-emitting electrochemical cells based on poly[9, 9-bis(3, 6-dioxaheptyl)-fluorene-2, 7-diyl] 44260
Yang Yang, Qibing Pei Light-emitting electrochemical cells from a blend of p-type and n-type luminescent conjugated polymers 44269
Yang Yang *see* Heeger, A.J. 4993
Yang Yang *see* Pei Qibing 13878
Yang Yang *see* Yang Yang
Yang Yaochao *see* Yaochao Yang
Yang Yawpo *see* Yawpo Yang
Yang Ye *see* Ming Fang 19176
Yang Yee-Hong *see* Yee-Hong Yang
Yang Yexin *see* Yexin Yang
Yang Yi *see* Yi Yang
Yang Yi-Bing *see* Yi-Bing Yang
Yang Yibin *see* Yibin Yang
Yang Yihan *see* Cao Shiguang 50396
Yang Yihe *see* Wang Lijun 5266
Yang Yihe *see* Wang Lijun 5267
Yang Yihong *see* Yihong Yang
Yang Ying *see* Shen Yuehong 15313
Yang Yixin *see* Zhou Jian 56173
Yang Yon-Dae *see* Yon-Dae Yang
Yang Yong Suk *see* Yong Suk Yang
Yang Yongjun Low temperature low frequency low noise bipolar transistors 54610
Yang Young-Kyu *see* Young-Kyu Yang
Yang Youtang *see* Jiang Hong 30376
Yang Yuan Wang *see* Ru Huang 22751
Yang Yuan-Ting, Liang Yi-Kung The development of the chemistry in Taipower's thermal power plants in the recent ten years 29054
Yang Yue-Fei *see* Yue-Fei Yang
Yang Yukun *see* Yukun Yang
Yang Yunping *see* Yunping Yang
Yang Yuying *see* Yuying Yang
Yang Zhao, Yunyi Wang Three-dimensional finite element computation of electromagnetics for nondestructive testing 21417
Yang Zhao *see* Cunkai Wu 24036
Yang Zhao *see* Jinjin Li 36915
Yang Zhao *see* Zhao Yang
Yang Zheng *see* Han Dehua 13430
Yang Zhengju *see* Zhengju Yang
Yang Zhenhua *see* Wang Guirong 24373
Yang Zhenjiang, Zeng Yugeng, Wang Huiyun, liu Zijun Development of a detection and processing system of the 8-channel electromyogram in the maxillofacial region 49646
Yang Zhicheng *see* Yan Shanchang 26101
Yang Zhijian *see* Tong Yuzhen 54082
Yang Zhilin, Li Shixing, Xu Ming The analysis of thermal hydraulics in a heater of steam generator secondary side 50713
Yang Zhiping The project of Philips SOPHO-S digital PABX used in XX coalmine bureau digital private telecommunication network 58072
Yang Zhiping *see* Li Shurong 50399
Yang Zhiping *see* Sun Yuanzhang 38280
Yang Zhixing, Chai Yanjie, Yang Hui, Fan Chongcheng, Peng Jiangde Study on the properties of high speed optical fiber communication systems 6848
Yang Zhonghai *see* Zhonghai Yang
Yang Ziqiang, Li Dazhi, Liang Zheng A study of frequency characteristics for relativistic backward-wave oscillator 21865
Yang Zude *see* Wu Yi 38288
Yang-Gyun Oh, Hyeong-Pyo Hong, Sang-Joon Ilan, Chong-Son Chun, Byung-Kook Kim Fuzzy logic utilization for the diagnosis of metallic loose part impact in nuclear power plants 29002
Yang-Ho Choi Burst synchronisation and error detection with a single CRC decoder 24662
Yang-Ho Choi *see* Myung-Sung Lee 58211
Yang-Hueng Chang *see* Wen-Chung Tsai 54147
Yang-Tse Cheng, Drew, G., Gillispie, B., Simko, S.J., Militello, M.C., Waldo, R.A., Wong, C.A. Vapor deposited thin gold coatings for high temperature electrical contacts 11808
Yang-Tung Huang *see* Jen-Tsorng Chang 44750
Yang-Tung Huang *see* Jen-Tsorng Changa 44779
Yang-Weon Lee, Hong Jeong A neural network approach to the optimal data association in multi-target tracking 56593
Yang-Woo Lee *see* Chang-Sun Hwang 9265
Yang-woong Jeong *see* Seok-Yoon Kim 24900
Yang-Woong Jeong *see* Seok-Yoon Kim 26007
Yangchao Tian *see* Wu Lu 42800
Yangguang Yan *see* Yan Yangguang
Yanghai Tsin, Yaotong Li System identification in the presence of unmodeled dynamics–a principal components extraction approach 40025
Yanghee Choi *see* Eunyong Ha 58203
Yanghee Choi *see* Ju-Hyun Lee 58087
Yanghee Choi *see* Park Kyeongho 58015
Yanghee Choi *see* Taeck-Geun Kwon 15676
Yanghee Choi *see* Yongjun Im 46821
Yanghee Nam, Kwangyun Wohn Recognition of hand gestures with 3D, nonlinear arm movement 46227
Yangin Li *see* Li Yangin
Yangjian Den *see* Cheng Liao 14559
Yangjun Zhang *see* Zhang Yangjun
Yangkun Zhang *see* Dempsey, B.J. 57821
Yangping Zhao, Edwards, R.M., Lee, K.Y. Hybrid feedforward and feedback controller design for nuclear steam generators over wide range operation using genetic algorithm 38471
Yangqin Zhan *see* Zhan Yangqin
Yangsoo Lee, Hyang-beom Lee, Song-yop Hahn, Kisik Lee Temperature analysis of induction motor with distributed heat sources by finite element method 51021
Yangyuan Wang *see* Changhua Tan 12569
Yangyuan Wang *see* Jinfeng Kang 32957
Yangyuan Wang *see* Wang Yangyuan
Yangzi Xu *see* Weiqin Zou 54930
Yanhong Liu *see* Liu Yanhong
Yanhong Yuan *see* Zeyi Wang 22931
Yanhua Hong *see* Hong Yanhua
Yanik, A.F. *see* Sin'kov, M.V. 59389
Yanjie Chai *see* Chai Yanjie
Yanjun He *see* Charap, S.H. 32846
Yanjun Wu *see* Wu Yanjun
Yanka, R.W. *see* Pereiaslavets, B. 13033
Yankelevich, D.R. *see* Knoesen, A. 55315
Yankelwich, D.R. *see* Hill, R.A. 26719
Yankielun, N.E. *see* Arcone, S.A. 50174
Yankov, R.A., Hatzopoulos, N., Skorupa, W., Danilin, A.B. Proximity gettering of copper in separation-by-implanted-oxygen structures 32116
Yankov, R.A. *see* Kalitzova, M. 32129
Yankov, R.A. *see* Pacaud, Y. 31884
Yanli Fan *see* Fan Yanli
Yanling Wang *see* Wang Yanling
Yanming Liu, Antos, A.J., Bhagavatula, V.A., Newhouse, M.A. Single-mode dispersion-shifted fibers with effective area larger than 80 μm² and good bending performance 13597
Yanming Liu *see* Liu Yanming
Yann Soon Ing *see* Ing Yann Soon
Yann-Chang Huang, Hong-Tzer Yang, Ching-Lien Huang Solving the capacitor placement problem in a radial distribution system using Tabu Search approach 19288
Yann-Chang Huang, Hong-Tzer Yang, Ching-Lien Huang A new intelligent hierarchical fault diagnosis system [for power networks] 50651
Yann-Chang Huang, Hong-Tzer Yang, Ching-Lien Huang An evolutionary computation based fuzzy fault diagnosis system for a power transformer 51077
Yann-Chang Huang, Hong-Tzer Yang, Ching-Lien Huang Developing a new transformer fault diagnosis system through evolutionary fuzzy logic 51090
Yann-Chyn Jeng, Shin-Ming Guo Quality improvement for RC06 chip resistor 31535
Yann-Fey Chu *see* Chu Yann-Fey
Yann-Hang Lee, Chow, R., Cheung, S.E. Circular window control schemes in fast packet switches 46630
Yann-Hang Lee *see* Kyungshik Lim 47092
Yannacopoulos, S. *see* German, N. 55229
Yannakakis, M. *see* Lee, D. 57655
Yannan Zhao *see* Ling Liu 21856
Yannan Zhao *see* Zhao Yannan
Yanni, P. *see* Donn, M. 19034
Yano, E. *see* Asai, S. 2494
Yano, F. *see* Uchida, K. 32220
Yano, H. *see* Matsuno, N. 32563
Yano, H. *see* Nakata, T. 27852
Yano, H. *see* Suzuki, Y. 47937
Yano, J., Tada, A., Ito, S., Sekita, H., Tanabe, H., Ogura, Y. Monochromatic projection optical system for ArF excimer-laser lithography 54550
Yano, J.-I. *see* Tanabe, H. 2478
Yano, K., Mitsui, M., Morita, J., Kasuga, M., Shimizu, A. Application of a junction field effect transistor structure to a low loss diode 54576
Yano, K., Okada, M., Matsunaga, H., Urahama, K. Edge preserving smoothing by robust energy minimization 25182
Yano, K. *see* Hasegawa, K. 6385
Yano, K. *see* Iwase, N. 30265
Yano, K. *see* Nakashima, M. 8913
Yano, K. *see* Shimizu, A. 61083
Yano, K. *see* Takayanagi, S. 20268
Yano, K. *see* Watanabe, K. 36920
Yano, M., Nogami, M., Yonezu, I., Nishio, K., Akai, Y., Kurimura, M. Mercury-free zinc alloy powder for alkaline manganese battery. I. The effect of additives to zinc powder surface on the discharge characteristics of alkaline manganese battery 60988
Yano, M. *see* Hara, S. 22651
Yano, M. *see* Sasaki, S. 243
Yano, M. *see* Tanaka, K. 26915
Yano, M. *see* Tanaka, K. 55430
Yano, M. *see* Terada, K. 44539
Yano, M. *see* Tsuchida, M. 58040
Yano, M. *see* Yamamoto, N. 13851
Yano, S., Akagi, K., Inohara, H., Ishiura, N. Application of full scan design to embedded memory arrays 41186
Yano, S., Ishiura, N. Application of scan path approach to sequential circuits including memory arrays 11408
Yano, S. *see* Eguchi, K. 51522
Yano, S. *see* Konno, Y. 53086
Yano, S. *see* Tomonoh, Y. 21546
Yano, S. *see* Yamamoto, S. 59592
Yano, S. *see* Yoshida, H. 10984
Yano, T. *see* Hada, H. 36805
Yano, T. *see* Hashizume, M. 11411
Yano, T. *see* Kajiyama, K. 22479
Yano, T. *see* Kawamura, K. 22460
Yano, T. *see* Morooka, S. 19510
Yano, T. *see* Shibata, S. 33043
Yano, T. *see* Tachimori, M. 42293
Yano, Y. A report from a Japanese microelectronics company concerning education 9862
Yano, Y., Katayama, T. RIKEN RI Beam Factory project 17884
Yano, Y., Tachika, H., Fujino, T. Performance of DS/GMSK/PSK modulation with four-phase correlator and its application to demodulator LSI 26536
Yano, Y. *see* Fujihira, T. 13079
Yano, Y. *see* Jin, Q. 10319
Yano, Y. *see* Kamigaito, O. 49213
Yanobe, T. *see* Itoyama, K. 43459
Yanoff, L. The Alcatel 1100 HSS™ multiservice switching platform 35872
Yanong He *see* He Yanong
Yanovich, E.A. *see* Dan'shin, S.N. 49317
Yanovsky, F.J. Self-adapting sensor for atmospheric electricity measuring 8475
Yanovsky, V. *see* Stuart, B.C. 44427
Yanovsky, V.P., Korytin, A., Wise, F.W., Cassanho, A., Jenssen, H.P. Femtosecond diode-pumped Cr:LiSGAF lasers 55586
Yanp-Han Lee, Le-Pond Chin, Jingshown Wu, Hen-Wai Tsao Multi-star-ring fiber-optic/coaxial CATV networks for cellular mobile wireless communication 6713
Yanping Deng *see* Deng Yanping
Yanping Huang *see* Huang Yanping
Yanping Ma *see* Doeff, M.M. 51453
Yanping Mang *see* Mang Yanping
Yanping Yu *see* Yu Yanping
Yanpu Gan *see* Gan Yanpu
Yanqing Chen, Liuqing Pei Analysis of the recovered signal in synchronized Chua's communication system 4419
Yanqing Du, Zhan, M. Dielectrometry measurements of effects of anti-static additives on transformer board 38790
Yanqiu Chen *see* Guoan Bi 30682
Yanqiu Li, Fanglin Hou, Shutian Liu, Wanjun Sun, Kebin Xu Photorefractive properties with multiple traps and two types of charge carriers in doped KNSBN crystals 23436
Yanqiu Li, Shutian Liu, Miao Yang, Kun Yang, Kebin Xu, Fanglin Hon Superior real-time holographic storage properties in doped potassium sodium strontium barium niobate crystal 44773
Yanqiu Li *see* Li Yanqiu
Yanru Chen *see* Chen Yanru
Yanru Zhong *see* Zhong Yanru
Yansheng Xu, Bosisio, R.G. A study of planar ferrite circulators with inhomogeneous magnetization for MMIC technology 21943
Yansheng Xu, Bosisio, R.G. A study on the solutions of chirowaveguides and bianisotropic

waveguides with the use of coupled-mode analysis 56094
Yansong Chen, Dehua Li Design of the hybrid refraction-diffraction lens with wavelength 10.6 μm 44604
Yansong Chen, Dehua Li, Yunlong Sheng Beam-shaping element with reduced sensitivity to input variations 33599
Yansong Chen *see* Shangqing Liu 23481
Yantchev, J.T. *see* Josephs, M.B. 1260
Yantosca, R. *see* Aarons, J. 24485
Yanushkevich, A.I. *see* Yarmolik, V.N. 53107
Yanwei Wu *see* Wu Yanwei
Yanwen Zhang *see* Zhang Yanwen
Yanwu Zhang *see* Willcox, J.S. 50146
Yanxin Zhang, Shengjiang Chang, Zhanbing Feng, Shengquan Gao, Guoguang Mu Multimode operation in an optical/digital neuroprocessor with 1024 neurons 44134
Yanxin Zhang *see* Yong-Jing Wang 13739
Yanxin Zhang *see* Zhang Yanxin
Yanyang Xu *see* Xu Yanyang
Yanyn Wei *see* Guofen Yu 12083
Yanyu Zhao, Palais, J.C. Fiber Bragg grating coherence spectrum modeling, simulation, and characteristics 23498
Yanyun Wang *see* Huimin Liu 24218
Yanzhi Zhang *see* Zhang Yanzhi
Yanzhong Xu *see* Xu Yanzhong
Yao, A.Chi-Chih *see* Chi-Chih Yao, A.
Yao, D. *see* Shang, J.K. 10103
Yao, D. *see* Tan, Q. 27155
Yao, G.D. *see* Dixit, G.A. 42665
Yao, H.-W., Wang, C., Zaki, A.K. Quarter wavelength ceramic combline filters 21874
Yao, H.H. *see* Keil, N. 26748
Yao, H.H. *see* Keil, N. 47934
Yao, J. *see* Bult, K. 17268
Yao, J. *see* Ye, X.Y. 11013
Yao, J.-G. *see* Glick, S. 35399
Yao, J.-H., Chen, Y.-M., Verma, T. MPEG-based audio-on-demand experiment for the Internet 27187
Yao, J.C. *see* Cubiotti, P. 40075
Yao, J.G., Mellor, J., Ritch, M. Simulation of queue service algorithms in a local area ATM switch node 35860
Yao, K. *see* Lorenzelli, F. 15325
Yao, K. *see* Lorenzelli, F. 24887
Yao, K. *see* Lorenzelli, F. 25035
Yao, K. *see* Wang, A. 28442
Yao, K. *see* Wang, A. 28686
Yao, K. *see* Wang, A. 34645
Yao, L., Chowanietz, E., McCormick, M., Lees, A. Design and simulation of high aspect ratio motion sensors 36533
Yao, M. *see* Appel, A. 2814
Yao, M. *see* Petrenko, A. 25930
Yao, M. *see* Wu, Z. 36187
Yao, P. *see* Toga, A.W. 59490
Yao, S., Maleki, L. New results with the opto-electronic oscillators (OEO) 21900
Yao, T., Kawamura, E. Novel optimization method for anti-reflection coating [photolithography] 2466
Yao, T. *see* Bagnall, D.M. 55710
Yao, T. *see* Jung, H.D. 42381
Yao, T. *see* Kimura, K. 22521
Yao, T. *see* Miwa, S. 10762
Yao, T. *see* Miwa, S. 54374
Yao, T. *see* Narusawa, T. 30765
Yao, T. *see* Tomasini, P. 754
Yao, T. *see* Tomiye, H. 22449
Yao, T. *see* Wang, J. 52823
Yao, X.S., Maleki, L. A novel high performance microwave local oscillator based on laser light modulation 48313
Yao, Y., Acharya, R.S. An orientation-independent image coding and retrieval algorithm 35260
Yao, Y. *see* Yan, F. 27634
Yao, Y. *see* Yan, F. 27635
Yao, Y. *see* Zhou, S.D. 4461
Yao, Y. *see* Zhu, W. 49548
Yao, Y.-D. *see* Hsu, L.-S. 43672
Yao, Y.C. *see* Hwang, F.K. 35419
Yao, Y.D., Huang, D.R., Hsieh, C.C., Chiang, D.Y., Wang, S.J. Simulation study of the magnetic coupling between radial magnetic gears 43729
Yao, Y.D., Huang, D.R., Hsieh, C.C., Chiang, D.Y., Wang, S.J., Ying, T.F. The radial magnetic coupling studies of perpendicular magnetic gears 3262
Yao, Y.R. *see* Zhang, Y.J. 57747
Yao, Y.S., Chellappa, R. Selective stabilization of images acquired by unmanned ground vehicles 5609
Yao, Z. *see* Charette, A. 39268
Yao, Z.J., MacDonald, N.C. Single crystal silicon supported thin film micromirrors for optical applications 54857
Yao Baolen *see* Feng Zhenghe 58461
Yao Baoli *see* He Junfang 23659
Yao Changjin *see* Zhang Shudan 53617
Yao Da *see* Gu Chang-Zhi 893
Yao Dongjin *see* Wang Maosen 53677
Yao Dongsheng *see* Wang Feng 24035
Yao Fuqiang *see* Chen Jianzhong 53310
Yao Hebao *see* He Qingli 11211
Yao Huang Ching *see* Ching Yao Huang
Yao Huannian *see* Bai Juyan 19118
Yao Hui-Wen *see* Hui-Wen Yao
Yao Jian-Quan *see* Chen Li-Chun 55454
Yao Jianguo, Yang Shuwen, Zhang Dengguo A fiber soliton laser and its application as an amplifier in the optical soliton transmission experiment 23823
Yao Jianguo *see* Yang Shuwen 13991
Yao Jianhua *see* Jianhua Yao
Yao Jianqua *see* Peng Xiang 27954
Yao Li The cryogenic performance of bipolar device and ECL circuits 53252
Yao Li, Ting Wang, Fasanella, K. 4×16 polymer fiber optical array couplers 13585
Yao Li, Ting Wang, Kosaka, H., Kawai, S., Kasahara, K. Fiber-image-guide-based bit-parallel optical interconnects 13763
Yao Li *see* Dong-Xue Wang 58772
Yao Li *see* Kosaka, H. 26876
Yao Li *see* Li Yao
Yao Lian *see* Lian Yao
Yao Liang Qian *see* Jin Gang Liu 55973
Yao Linsheng *see* Linsheng Yao
Yao Lixiao, Zhang Dongzheng Evaluation of the reliability of the distribution system 28872
Yao Mingyu *see* Mingyu Yao
Yao Pei *see* Khursheed, A. 31689
Yao Qingdong *see* Han Yan 2786
Yao Qingdong *see* Li Guangqui 17062
Yao Shengli *see* Gao Yingjun 12832
Yao Shouzhuo *see* Shouzhuo Yao
Yao Susu *see* Susu Yao
Yao Takafumi *see* Takafumi Yao
Yao Wang, Lee, O. Use of two-dimensional deformable mesh structures for video coding .I. The synthesis problem: mesh-based function approximation and mapping 15475
Yao Wang, Lee, O., Vetro, A. Use of two-dimensional deformable mesh structures for video coding. II. The analysis problem and a region-based coder employing an active mesh representation 15691
Yao Wang *see* Jenghwa Chang 28155
Yao Wang *see* Wenwu Zhu 57133
Yao Wang *see* Yuqi Yao 25519
Yao Wang-Bei, Sun Cheng-Shou Research about adaptive equalizer in simulation communication channel 58086
Yao Xi *see* Fan Huiqing 43496
Yao Xi *see* Xi Yao
Yao Xiaowei *see* Xiaowei Yao
Yao Xin *see* Xin Yao
Yao Xingwan *see* Lan Wenguang 36371
Yao Xixian *see* Xixian Yao
Yao Xu *see* Xu Yao
Yao Yan *see* Xiao Weimin 45258
Yao Yiping, Yang Xiaojun, Li Peiqiong Dynamic fault tree analysis for digital fly-by-wire flight control system 49923
Yao Yuh-Lin *see* Yuh-Lin Yao
Yao Yuqi *see* Yuqi Yao
Yao Zhenyu *see* Huang Dading 30803
Yao Zhimin *see* Zhimin Yao
Yao Zhishang *see* Wu Jun 53549
Yao Zhixin, Pan Boliang, Wang Junying, Jin Yongxing Discharge excited Sr^+ recombination laser 3701
Yao Zhongxing An investigation into a wide-band and high gain receiving antenna system and the minimization of an antenna site 45440
Yao Zhongxing, Luo Pengling A kind of modified Applebaum adaptive array 34453
Yao Zongxi *see* Nie Shiqi 12066
Yao Zou *see* Thornton, R.L. 3903
Yao Zu Song, Kulenovic, R., Groll, M. Investigation of phase specklegram characteristics 24287
Yao-Chang Chang, Demkowicz, L. Solution of viscoelastic scattering problems in linear acoustics using hp boundary/finite element method 58497
Yao-Ching Liu, Douligeris, C. Nested threshold cell discarding with dedicated buffers and fuzzy scheduling 5719
Yao-Ching Liu *see* Durand, R. 57964
Yao-Gang Liu *see* Ke-Ming Wang 23532
Yao-Huang Kao *see* Hung-Tser Lin 3874
Yao-Huang Kao *see* Tzong-Liang Lin 16632
Yao-Jin Qian *see* Greensite, F. 59668
Yao-Jun Qiao *see* Tie-Jun Chang 23982
Yao-Min Chen, Sasaki, G.H. Routing in quasi torus networks 16133
Yao-Ming Mu *see* Fu, Y. 2636
Yao-Nan Yu Which higher transmission voltage development has priority 50509
Yao-Tsorng Liu *see* Shi-Hong Jeng 5616
Yao-Tsung Tsai, Jian-Ming Shyu, Bay-Ann Yuan A sparse matrix solver for circuit simulation 11069
Yao-Tsung Tsai, Li-Chung Huang Simulation of amorphous silicon thin-film transistor including adapted Gummel method 43050
Yao-Wen Chang, Wong, D.F., Zhua, K., Wong, C.K. On a new timing-driven routing tree problem [FPGA] 1311
Yao-Wen Chang *see* Thakur, S. 41058
Yao-Wu Mo *see* Mo Yao-Wu
Yao-Xiong Huang Wave four-vectors for the electromagnetic waves in relatively moving dielectric media 56062
Yao-Yong Li, Nan-Ning Zheng, Li-Xing Yuan Controlling the chaotic neural network–a way of information integration 24973
Yaochao Yang, Brews, J.R. Crosstalk estimate for CMOS-terminated RLC interconnections 24507
Yaofei Liu, Chatterjee, I. Impedance method computation of induced currents in a simple model of a child exposed to electromagnetic fields of an electric blanket 8184
Yaogen Din *see* Din Yaogen
Yaogen Ding *see* Ding Yaogen
Yaoguo Xue *see* Xue Yaoguo
Yaohong Liu *see* Liu Yaohong
Yaohua Lu *see* Lu Yaohua
Yaohua Zhou *see* Zhou Yaohua
Yaohuan Gong *see* Gong Yaohuan
Yaohuang Luo *see* Luo Yaohuang
Yaohui Zhang *see* Zhang Yaohui
Yaoi, T. *see* Negoro, Y. 43725
Yaoi, T. *see* Sugawara, N. 48840
Yaokui Zhang, Klann, R., Grahn, H.T., Ploog, K.H. Transition between synchronization and chaos in doped GaAs/AlAs superlattices 42203
Yaokun Qin Dielectric lens antenna with scan reflector 34213
Yaokun Qin, Yexin Yang Improved slotted-filter for over-mode rectangular waveguide 53546
Yaolan, F., Shubing, Z. The simulation for high temperature characteristics of MOS devices made on SOI material 22476
Yaolan Wang *see* Tiaosheng Tong 44341
Yaoliang Hong *see* Hong Yaoliang
Yaoliang Xu *see* Xu Yaoliang
Yaoming, Z. *see* Pyt'ev, Yu.P. 36359
Yaoming Chen, Yan Han, Dongming Qiu ASIC design of an integrable simulated inductor with huge inductance 54738
Yaoming Wang *see* King-Jet Tseng 53035
Yaoming Wang *see* Wang Yaoming
Yaoming Zhou *see* Zhou Yaoming
Yaonan Liu *see* Liu Yaonan
Yaoning Zhang *see* Zhang Yaoning
Yaoping Yan *see* Yan Yaoping
Yaorong Ge, Fitzpatrick, J.M. On the generation of skeletons from discrete Euclidean distance maps 5486
Yaotong Li *see* Yanghai Tsin 40025
Yaow-Ming Chen, O'Connell, R.M. Active power line conditioner with a neural network control 38241
Yaowang Lin *see* Zhong Pan 55611
Yaowu Mo *see* Mo Yaowu
Yaowu Shi *see* Shi Yaowu
Yaoxhong Ge *see* Ge Yaoxhong
Yaoyu Wang *see* Wang Yaoyu
Yaozhong Shen *see* Shen Yaozhong
Yaozu Song *see* Song Yaozu
Yaozu Yin, Guoqiang Li, Xiaona Yan, Liren Liu Stacked module of optical cellular automaton using table lookup 13768
Yaozu Yin *see* Guoqiang Li 44130
Yaozu Yin *see* Huiquan Cheng 13756
Yaozu Yin *see* Liren Liu 23612
Yap, D., Xie, Y.-M., Walden, R.H., Brown, Y.K., Kardos, M.B., Williams, F. Radio frequency optoelectronic receiver for high-performance analog systems 58356
Yap, D. *see* Negri, A.J. 47925
Yap, D. *see* Wang, H.T.M. 58361
Yap, E.J. *see* Lim, T.K. 36815
Yap, H.Y. *see* Lim, T.K. 36815
Yap, J.H. *see* Allen, L.P. 42289
Yap, K. *see* Simpson-Young, B. 47073
Yap Yeeping *see* Yeeping Yap
Yap-Peng Tan, Kulkarni, S.R., Ramadge, P.J. Extracting good features for motion estimation 56736
Yap-Peng Tan *see* Saur, D.D. 57341
Yaping Du, Burnett, J. Magnetic shielding principles of linear cylindrical shield at power-frequency 45209
Yapsir, A. *see* Voldman, S. 22978
Yaqin Zhou *see* Zhou Yaqin
Yaqing Tu, Shanglian Huang Two kinds of neural network algorithms suitable for fiber optic sensing array signal processing 48596
Yarai, A. *see* Nakanishi, T. 36706
Yarali, A. *see* Broadwater, R.P. 38922
Yaramishev, S.G. *see* Kolomiets, A.A. 49028
Yaravoi, V.V. *see* Kirsanov, A.V. 55807
Yarborough, R. *see* Hill, D. 21975
Yarborough, R. *see* Hin-Fai Chau 31500
Yarborough, R. *see* Ming-Yih Kao 43153
Yarbrough, L. *see* Beechick, A. 40999
Yardim, A., Laakso, T.I., Sabel, L.P., Cain, G.D. Frequency-sampling design of delay-root-Nyquist filters 21808
Yardimci, Y. *see* Cetin, A.E. 45891
Yardley, J.T. *see* Eldada, L. 55346
Yardley, J.T. *see* Ilic, I. 36105
Yardley, J.T. *see* Norwood, R.A. 3390
Yarema, R. *see* Antos, J. 37373
Yarigin, S.N. *see* Sobenin, N.P. 49063
Yarigin, S.N. *see* Sobenin, N.P. 49206
Yarin, A.L. Some problems of low Reynolds number hydrodynamics and theory of elasticity arising in optoelectronic technology 13578
Yarin, P.M. *see* Efanov, V.M. 51402
Yariv, A., Blauvelt, H., Huff, D., Zarem, H. An experimental and theoretical study of the suppression of interferometric noise and distortion in AM optical links by phase dither 47917
Yariv, A., Orlov, S.S., Rakuljic, G.A. Holographic storage dynamics in lithium niobate: theory and experiment 13551

Yariv, A. *see* Eliyahu, D. 33472
Yariv, A. *see* O'Brien, J. 14105
Yariv, A. *see* Rosen, J. 15688
Yariv, A. *see* Xiaolin Tong 4136
Yariv, A. *see* Xiaolin Tong 14448
Yariv, A. *see* Xiaolin Tong 24260
Yariv, A. *see* Xiaolin Tong 55945
Yariv, A. *see* Yuanjian Xu 31977
Yarker, S. *see* Allison, W.W.M. 37269
Yarkin, D.G. *see* Balagurov, L.A. 12136
Yarmchuk, E.J. *see* Krongelb, S. 33911
Yarmoff, J.A. *see* Simpson, W.C. 54401
Yarmolik, V.N., Yanushkevich, A.I., Karpovski, M.G. Iddq testing of iterative CMOS logic ICs 53107
Yarmolik, V.N. *see* Bykov, Yu.V. 7174
Yarmolik, V.N. *see* Karpovsky, M.G. 31270
Yarmonenko, S.P., Buchman, P.E., Gel'buch, S.I., Semenov, Yu.S., Suchkov, A.V. Heliotron "Artificial Sun" 49772
Yarng Yuung-Der *see* Yuung-Der Yarng
Yarnitsky, D. *see* Zaslansky, R. 18403
Yaroshchuk, O.V. *see* Glushchenko, A.V. 13550
Yaroshetskii, I.D. *see* Averbukh, B.Y. 12332
Yaroslavsky, L.P. Pseudo-random numbers, evolutionary models in image processing and biology and nonlinear dynamic systems 25522
Yaroslavsky, L.P. Local adaptive image restoration and enhancement with the use of DFT and DCT in a running window 25592
Yaroslavsky, L.P. Efficient algorithm for discrete sinc interpolation 35111
Yaroslavsky, L.P. Adaptive nonlinear correlators with improved discrimination capability: parameter optimization 44731
Yaroslavsky, L.P. Signal sinc-interpolation: a fast computer algorithm 45922
Yarovoy, A.G. Small-slope iteration technique for wave scattering from a rough interface of two media 4217
Yarovoy, A.G. New analytical technique for wave scattering from a rough interface 45028
Yarsun Hsu *see* Kalns, E.T. 27154
Yartsev, I.M. *see* Batenin, V.M. 23198
Yartys, V.A., Gutfleisch, O., Harris, I.R. Hydrogen-induced phase and magnetic transformations in $Nd_{1.1}Fe_4B_4$ 3052
Yarykin, N.A. *see* Feklisova, O.V. 31776
Yasai-Ardekani, M. *see* Arogyaswamy, K. 20756
Yasaka, A. *see* Aita, K. 22691
Yasaka, H., Sanjoh, H., Ishii, H., Yoshikuni, Y., Oe, K. Finely tunable wavelength conversion of high bit-rate signals by using a superstructure-grating distributed Bragg reflector laser 36104
Yasaka, H. *see* Ishii, H. 44494
Yasaka, H. *see* Tanobe, H. 3534
Yasaka, H. *see* Tanobe, H. 26934
Yasar, G., Devins, J., Tsyrkina, Y., Stadtlander, G., Millham, E. Growable FPGA macro generator 11433
Yaseen, M. *see* Abo-Zahhad, M. 41327
Yashchin, E. *see* Flehinger, B.J. 10213
Yashchishyn, E. Analysis of a grating array in the impedance approximation 45449
Yasheng Qian, Leib, H. An enhanced anti-multipath modulation approach (SDPSK/SMPDI) 4428
Yashi Wang *see* Tingkai Qin 53524
Yashiki, H., Fukagawa, T. Secondary recrystallization behavior in grain-oriented 2.3% Si–1.7% Mn steel 23327
Yashima, H., Wang, Q., Bhargava, V.K. Performance of chip coding in FFH SSMA systems 16540
Yashima, H. *see* Inaba, N. 45625
Yashima, J. *see* Abe, K. 59233
Yashima, M., Kakihana, M., Yoshimura, M. Metastable-stable phase diagrams in the zirconia-containing systems utilized in solid-oxide fuel cell application 29614
Yashima, M., Takuma, T., Kawamoto, T., Fujinami, H., Hata, H., Yamaguchi, H. A study on basic property of hybrid gas-insulated transmission line (H-GIL) 8902
Yashima, Y. *see* Osako, F. 46097
Yashin, V.E. *see* Badziak, J. 23837
Yashin, V.E. *see* Mazurenko, Y.T. 4086
Yashina, N. *see* Sirenko, Y. 45037
Yashiro, H. *see* Okuda, I. 33366
Yashiro, Z. *see* Yamanaka, N. 16504
Yashkin, A.S. *see* Agranovski, A.V. 8177
Yashnov, Yu.M. *see* Kozyrev, S.P. 29913
Yashunskaya, N.I. *see* Perner, P. 18306
Yasi Jiang *see* Jiang Yasi
Yasin, H. *see* Shokraila, S.S. 51025
Yasin, M.R. *see* Basak, A. 23378
Yasinskii, V.M. Polarization dynamics in He-Ne ring laser 14210
Yasinskii, V.M. Characteristics of four-wave operation of a single-isotope He-Ne ring laser with linear and circular wave polarisations 23726
Yasmeen, N. *see* Parkerson, J.P. 53877
Yassar, A. *see* Garnier, F. 22807
Yassar, A. *see* Novikova, T.S. 44219
Yasseen, A.A., Mourlas, N.J., Mehregany, M. Chemical-mechanical polishing for polysilicon surface micromachining 42507
Yassfy, A., Mihalovic, M., Cadoret, M., Robert, C., Bideux, L., Gruzza, B., Vazsony, E. Characterisation of sputter-cleaned porous silicon layers (P.S.L.) by multi-angle, spectroscopic ellipsometry 12720
Yassievich, I.N. *see* Altukhov, I.V. 22198
Yassievich, I.N. *see* Gusev, O.B. 22203
Yassin, G., Padman, R., Withington, S., Jacobs, K., Wulff, S. Broadband 230 GHz finline mixer for astronomical imaging arrays 48200
Yassin, G., Withington, S. Analytical expression for the input impedance of a microstrip probe in waveguide 11664
Yassin, G. *see* Withington, S. 58520
Yassin, I. *see* El Razaz, Z. 19077
Yassin, I. *see* Emarah, A.S. 19179
Yassine, A.M., Tsong-Ming Chen, C. Electromigration noise measurements using a novel AC/DC wafer-level noise measurement system 17762
Yasu, M. *see* Yanagisawa, M. 58329
Yasuda, A., Okamura, T., Namie, H., Kawamura, M. Reception of the DGPS correction data broadcasting by MF marine radiobeacon 48183
Yasuda, A., Suzuki, O., Zhu, P., Wei, W., Fan, C., Chiba, H., Kawamura, M. Data transmission to ships and local positioning system using the Japanese domestic geostationary satellites 7008
Yasuda, A., Takanashi, H., Nito, K., Matsui, E. A novel gray-scale method for ferroelectric liquid crystal displays utilizing ultra-fine particles 36820
Yasuda, A., Tanimoto, H. Noise shaping dynamic element matching method using tree structure 21775
Yasuda, A., Tanimoto, H., Takahashi, C., Yamaguchi, A., Koizumi, M. An adder-free method for a small size $\pi/4$ shift QPSK signal generator 31135
Yasuda, A. *see* Namie, H. 48180
Yasuda, A. *see* Tanimoto, H. 11570
Yasuda, E. *see* Roy, P.K. 1910
Yasuda, E.J. *see* Lindroth, A. 8856
Yasuda, E.J. *see* Lindroth, A. 8857
Yasuda, H., Arai, S., Kai, J., Ooae, Y., Abe, T., Maruyama, S., Kiuchi, T. Multielectron beam blanking aperture array system SYNAPSE-2000 22675
Yasuda, I., Ogasawara, K., Hishinuma, M., Kawada, T., Dokiya, M. Oxygen tracer diffusion coefficient of $(La,Sr)MnO_{3\pm\delta}$ 29620
Yasuda, J. *see* Asano, T. 31699
Yasuda, K., Hatano, H., Ferid, T., Minamide, M., Maejima, T., Kawamoto, K. Growth characteristics of (100)HgCdTe layers in low-temperature MOVPE with ditertiarybutyltelluride 10767
Yasuda, K., Kawamoto, K., Maejima, T., Minamide, M., Kawaguchi, K., Maeba, H. Metalorganic vapor phase epitaxy of (100) CdZnTe layers using diisopropylzinc source 706
Yasuda, K. *see* Fujita, T. 30534
Yasuda, K. *see* Katoh, T. 17107
Yasuda, K. *see* Kishimoto, T. 35880
Yasuda, K. *see* Kuwano, H. 38112
Yasuda, K. *see* Mizuhata, M. 51538
Yasuda, M., Goi, Y., Toyokura, M., Shibata, H., Nakatani, S., Akiyama, T. MPEG2 video decoder LSI MN67740 for DVD player 46451
Yasuda, M. *see* Matsuoka, N. 33382
Yasuda, M. *see* Shackleford, B. 1030
Yasuda, M. *see* Soga, Y. 17770
Yasuda, N., Ohwa, H., Asano, S. Dielectric properties and phase transitions of $Ba(Ti_{1-x}Sn_x)O_3$ solid solution 2932
Yasuda, N. *see* Iijima, T. 37238
Yasuda, N. *see* Ishitobi, N. 11649
Yasuda, N. *see* Takagi, S. 43334
Yasuda, T. *see* Hamamoto, Y. 5604
Yasuda, T. *see* Kimura, K. 22521
Yasuda, T. *see* Miura, H. 43373
Yasuda, T. *see* Miwa, S. 10762
Yasuda, T. *see* Miwa, S. 54374
Yasuda, T. *see* Morgan, B.A. 22435
Yasuda, T. *see* Nomura, T. 13396
Yasuda, T. *see* Rossow, U. 2375
Yasuda, T. *see* Takada, S. 3090
Yasuda, T. *see* Tonouchi, M. 43765
Yasuda, Y. *see* Ihara, K. 48226
Yasuda, Y. *see* Ikeda, H. 2379
Yasuda, Y. *see* Kimoto, T. 56676
Yasuda, Y. *see* Nagata, T. 58082
Yasuda, Y. *see* Yasuno, T. 5262
Yasue, M., Mori, K., Saito, T., Hasegawa, J., Toriwaki, J. Thinning algorithms for three-dimensional gray images and their application to medical images with comparative evaluation of performance 7858
Yasufuku, S. Application of poly(ethylene naphthalate) films to electrical and audio-visual uses in Japan 10965
Yasugi, H., Shima, N., Nakamura, R. Driving environment recognition system on highway 58854
Yasuhara, K. *see* Oka, H. 49396
Yasuhara, M. *see* Tong Huang 25340
Yasuhara, N. *see* Nakagawa, A. 42926
Yasuhara, R. OCN for electronic commerce 47111
Yasuhara, Y. *see* Murase, K. 18273
Yasuhira, M. *see* Kato, Y. 43314
Yasui, H. *see* Brosio, A. 26856
Yasui, I. *see* Teraoka, E. 47461
Yasui, K., Nakagawa, T. Reliability analysis of a hybrid ARQ system finite response time 26016
Yasui, K., Nakagawa, T. Performance evaluations of hybrid automatic repeat request schemes for a data communication system 46746
Yasui, K., Ninagawa, N., Akahane, T. Improvement of the crystallinity of 3C-SiC films by lowering the electron temperatures in the afterglow plasma region using triode plasma CVD 52821
Yasui, K. *see* Hashimoto, A. 36790
Yasui, M., Noguchi, N., Murakoshi, H. Electronic toll system on trial in Malaysia 58132
Yasui, M. *see* Ugai, Y. 36828
Yasui, M. *see* Ugai, Y. 36829
Yasui, T., Araki, T., Suzuki, N. Intermittent frequency offset lock of a symmetric three-mode stabilized He-Ne laser to an iodine stabilized He-Ne laser 33377
Yasui, T., Nakase, K., Tahara, H., Yoshikawa, T. Long electron cyclotron resonance plasma source for reactive sputtering 891
Yasui, T. *see* Komatsu, T. 9721
Yasui, T. *see* Morgan, B.A. 22435
Yasukawa, H. Adaptive filtering for broad band signal reconstruction using spectrum extrapolation 45693
Yasukawa, H. A simple method of broad band speech recovery from narrow band speech for quality enhancement 45694
Yasukawa, H. Restoration of wide band signal from telephone speech using linear prediction residual error filtering 45711
Yasukawa, K. *see* Terada, H. 7605
Yasukawa, M. *see* Hosono, H. 2072
Yasukawa, S. *see* Nozawa, M. 43865
Yasukawa, Y. *see* Ishitobi, N. 11649
Yasui, K., Konno, S. High-power high-repetition fourth-harmonic generation by using a high-brightness Q-switched Nd:YAG laser 14378
Yasumi, M. *see* Kawai, M. 18334
Yasumoto, E. *see* Hatoh, K. 61070
Yasumoto, K., Matsunaga, M. Coupled-Mode analysis of coupled multiple microstrip lines 45305
Yasumoto, K. *see* Kim, G.R. 56039
Yasumoto, K. *see* Watanabe, K. 55266
Yasumoto, T., Asai, H., Monma, J., Iwase, N. Etching resistivity of AlN ceramics surface 10943
Yasumoto, T. *see* Hara, T. 12810
Yasumoto, T. *see* Iwase, N. 30265
Yasumura, K. *see* Shiozawa, K. 32101
Yasumura, M. FANUC robot LR Mate 100i Clean Type 20814
Yasumura, M. A practical use of soft switching power supply on the self-oscillating system resonant type converter by using cross transformer 51250
Yasunaga, A. *see* Gotoh, S. 49822
Yasunaga, H. *see* Natori, A. 42236
Yasunaga, M., Hachiya, I. SOM (self-organizing map) implemented by wafer scale integration–its self-organizing behavior under defects 21851
Yasunaga, M., Hachiya, I., Keiji, M. Fault-tolerance evaluation of SOM (self-organizing map) using a neuro-computer: MY-NEUPOWER 31428
Yasunaga, M. *see* Hirai, Y. 31426
Yasunaga, S. *see* Harada, R. 47459
Yasuno, T., Ichimura, J., Yasuda, Y. Representation of dynamic 3D objects using the coaxial camera system 5262
Yasuno, Y. *see* Miura, K. 58592
Yasuo, T. *see* Taniguchi, S. 51518
Yasuo Kuga, Le, C.T.C., Ishimaru, A. Analytical, experimental, and numerical studies of angular memory signatures of waves scattered from 1-dimensional rough surfaces 8508
Yasuoka, A., Arimoto, K. Circuit technology for giga-bit/low voltage operating SOI-DRAM 41187
Yasuoka, A., Kuroi, T., Shimizu, S., Shirahata, M., Okumura, Y., Inoue, Y., Inuishi, M., Nishimura, T., Miyoshi, H. The effects on metal oxide semiconductor field effect transistor properties of nitrogen implantation into p^+ polysilicon gate 43013
Yasuoka, A. *see* Fujino, T. 22740
Yasuoka, A. *see* Iwamatsu, T. 53114
Yasuoka, A. *see* Mazumder, M.K. 54278
Yasuoka, A. *see* Sakashita, N. 1340
Yasuoka, A. *see* Sakashita, N. 41142
Yasuoka, I. *see* Nakazawa, Y. 29790
Yasuoka, K., Miyake, M., Ibuka, S., Ishii, S. UV light excited by the ferroelectric electron emission in N_2 gas 32673
Yasuoka, K. *see* Mizuno, T. 33247
Yasuoka, Y., Kobayashi, H., Shimizu, T. Antenna coupled thin-film far-infrared radiation detectors 27563
Yasuoka, Y. *see* Kobayashi, H. 34196
Yasuoka, Y. *see* Uchida, T. 17380
Yasushi, T. *see* Yamamura, T. 46904
Yasuta, A. *see* Takahashi, M. 19511
Yasutake, K., Takeuchi, A., Kakiuchi, H., Okuyama, Y., Yoshii, K., Kawabe, H. Low temperature growth of InGaAs/GaAs strained-layer single quantum wells 52631
Yasutake, M., Wakiyama, S., Kitamura, M., Fujino, N., Karino, I., Oumori, M. Instrumentation of a wafer inspection large sample atomic force microscope 338
Yasutake, M. *see* Fujino, N. 42433
Yasutake, M. *see* Fujino, N. 42486
Yasutomi, F. *see* Okuda, Y. 52298
Yasutsune, H. *see* Uchiori, Y. 51856
Yasuura, H. *see* Hirose, K. 53247
Yasuura, H. *see* Ishihara, T. 13127
Yasuura, H. *see* Ishihara, T. 43317
Yasuura, H. *see* Shackleford, B. 1030
Yasuura, H. *see* Suzuki, F. 41068
Yasuura, H. *see* Suzuki, F. 47453

Yasuzato, T., Ishida, S., Kasama, K. Improvement of resist pattern fidelity with partial attenuated phase shift mask 2461
Yasuzato, T. *see* Ishida, S. 22633
Yat Wah Lam *see* Ka Wai Wong 2299
Yata, K. *see* Kurahashi, T. 16605
Yata, S., Okamoto, E., Satake, H., Kubota, H., Fujii, M., Taguchi, T., Kinoshita, H. Polyacene capacitors 11765
Yata, S. *see* Nishio, S. 40635
Yatabe, S. *see* Sato, T. 40917
Yatagai, T. *see* Harada, K. 23615
Yatagai, T. *see* Ishiwata, H. 57140
Yatagai, T. *see* Jianping Ding 46398
Yater, J. *see* Shih, A. 41759
Yater, J.A., Landis, G.A., Bailey, S.G., Olsen, L.C., Addis, F.W. ZnSe window layers for GaAs solar cells 38980
Yates, D. Access: ATM's missing link 6395
Yates, D.F. *see* Finch, I. 48068
Yates, D.W., Ray, J.W., Jr. A solution to the problem of registration of engineering technologists 20615
Yates, H.M., Flavell, W.R., Pemble, M.E., Johnson, N.P., Romanov, S.G., Sotomayor-Torres, C.M. Novel quantum confined structures via atmospheric pressure MOCVD growth in asbestos and opals 40653
Yates, J.T. *see* Bornscheuer, K.H. 40591
Yates, J.T., Jr *see* Rusu, C. 32749
Yates, R., Rose, C., Rajagopalan, S., Badrinath, B.R. Analysis of a mobile-assisted adaptive location management strategy 6636
Yates, R., Williams, C., Shearwood, C., Mellor, P. A micromachined rotating gyroscope 27548
Yates, R. *see* Rose, C. 35762
Yates, R.B. *see* Riocreux, P.A. 57115
Yates, T.W. *see* Yang, T.C. 18757
Yati, V.P. *see* Wood, W.D., Jr. 33990
Yating Li *see* Li Yating
Yato, F. *see* Inoue, N. 24812
Yato, F. *see* Kuroiwa, S. 26055
Yato, F. *see* Morimoto, T. 4618
Yatomi, Y. *see* Sasada, I. 4278
Yatsenko, L.P. *see* Klimusheva, G.V. 13717
Yatsu, K. *see* Cho, T. 37568
Yatsuda, H. Design techniques for SAW filters using slanted finger interdigital transducers 55013
Yatsuda, H., Elmura, T. Flip chip assembly technique for SAW devices 13405
Yatsui, K. *see* Komi, T. 55498
Yatsui, K. *see* Matsugata, K. 51378
Yatsuzuka, K. *see* Asano, K. 33853
Yatsuzuka, M., Nakayama, M., Hashimoto, Y., Nobuhara, S., Young, D., Ishihara, O. Frequency study of microwave generation in an axially extracted virtual cathode oscillator 12090
Yatsuzuka, M., Sumitani, Y., Hashimoto, Y., Nobuhara, S. Effect of slow wave structure length on microwave emission from a high-power backward-wave oscillator 12114
Yau, S. *see* Ball, A. 22029
Yau, S. S.-T. *see* Zhang, Q.-L. 46457
Yau, S.S.-T., Guo-Qing Hu New direct method for Yau filtering system with arbitrary initial conditions 45815
Yau, S.S.-T. *see* Hon-Wing Cheng 45829
Yau, S.S.T., Rasoulian, A. The structure of Ω-matrix in nonlinear filters 34841
Yau, T.T.-H. *see* MacGregor, I.J.D. 37365
Yau Chi *see* Chi Yau
Yau Hon-Fai *see* Hon-Fai Yau
Yau Sze Fong *see* Sze Fong Yau
Yau-Hwang Kuo *see* Chao-Lieh Chen 53453
Yau-Hwang Kuo *see* Jar-Shone Ker 53347
Yau-Liang Tsai *see* Yi-Ping Hung 17660
Yau-Ming Chen, Kun-Chieh Wang Numerical and experimental studies on laminar forced convective heat transfer in a channel with surface-mounted heated blocks 39795
Yau-Sheng Chang, Pie-Yau Chien, Ming-Wen Chang Distance and velocity measurements by the use of an orthogonal Michelson interferometer 33770
Yau-Sheng Chang *see* Pie-Yau Chien 27603
Yaun-Chung Hsu *see* Kim, J. 1313
Yaunzhong Zhou *see* Chaplin, C.P. 8459
Yavas, A. *see* Sefton, M. 10267
Yavas, O. *see* Schilling, A. 17861
Yavich, B., Souza, P.L., Pamplona-Pires, M., Henriques, A.B., Goncalves, L.C.D. Single and periodically Si δ-doped InP grown by LP-MOVPE 54353
Yavich, B.S. *see* Kaliteevski, M.A. 12397
Yavon, Y. *see* Zaitsev, E.F. 45464
Yavor, K.I. Perturbation methods in field and transfer matrix calculation: an extension of analytical methods in electron optics 33829
Yavor, S. *see* Baranova, L. 33825
Yavor, S.Ya. *see* Baranova, L.A. 55976
Yavorskii, I.N., Mikhailishin, V.Yu. Probabilistic models and statistical analysis of stochastic oscillations 34713
Yaw-Ming Chen *see* Chen Yaw-Ming
Yaw-Ruey Chan *see* Zemanian, A.H. 21464
Yawpo Yang, Soliman, S.S. A suboptimal algorithm for modulation classification 34507
Yaxin Zhang, Togneri, R., Alder, M. Phoneme-based vector quantization in a discrete HMM speech recognizer 24838
Yazaki, H., Sawabe, T., Sakaguchi, A. Color management system (CMS) for newspaper companies 5472
Yazawa, Y. *see* Kondow, M. 14106
Yazawa, Y. *see* Kondow, M. 14124
Yazawa, Y. *see* Kondow, M. 30833
Yazdani, M., Ferry, D.K., Akers, L.A. Microprocessor pin predicting 41249
Yazdi, H.R., King, T.G. Automatic machine vision for lace inspection 35150
Yazdi, N., Mason, A., Najafi, K., Wise, K.D. A smart sensing microsystem with a capacitive sensor interface 7315
Yazgan, B. *see* Erer, I. 57313
Yazgan, E. *see* Afacan, E. 24578
Yazgan, E. *see* Saka, B. 24560
Yazgan, E. *see* Saka, B. 34454
Yazhi Jing *see* Jing Yazhi
Yazhou Zhang *see* Zhang Yazhou
Yazici, B., Kashyap, R.L. Signal modeling and parameter estimation for 1/f processes using scale stationary models 25027
Yazici, B., Kashyap, R.L. A class of second-order stationary self-similar processes for 1/f phenomena 34785
Yazici, B. *see* Kliman, G.B. 51734
Yazlyeva, A.I. *see* Slobodchikov, S.V. 44251
Ybarra, G.A., Wu, S.M., Avent, R.K. Effect of Doppler shift on the optimal processing of frequency-stepped CW radar data 26944
Yclon, J. *see* Picand, F. 47328
Ye, A. *see* Casasent, D. 5452
Ye, H. *see* Pai, M.A. 50392
Ye, J. *see* Liou, S.P. 19709
Ye, J.H., Kaji, K., Itaya, K. Atomic-scale elucidation of the anisotropic etching of (110) n-Si in aqueous NH_4F: studies by in situ scanning tunneling microscopy 42429
Ye, K.D. *see* Lu, Y.F. 13455
Ye, P., Weiss, D., Gerhardts, R.R., Lutjering, G., von Klitzing, K., Nickel, H. Electrons in mesoscopically inhomogeneous magnetic fields 2202
Ye, P. *see* Hong Wang 26808
Ye, P. *see* Wang, H. 26678
Ye, S. *see* Wang, C. 36627
Ye, S.W. *see* Zhang, Z.P. 7798
Ye, S.Z. *see* Huang, Y.Z. 17882
Ye, X., Li, Z. Edge-preserving vector quantization using neural network 15795
Ye, X., Tabarrok, B., Walsh, D. Temperature dependence of associated liquid species, heat capacity and enthalpy of mixing for CdTe solution growth 30731
Ye, X.Y., Zhang, J.H., Zhou, Z.Y., Yang, Y. Measurement of Young's modulus and residual stress of micromembranes 27932
Ye, X.Y., Zhou, Z.Y., Yang, Y., Zhang, J.H., Yao, J. Determination of the mechanical properties of microstructures 11013
Ye, Y., Ma, D., Hanawa, H., Loewenhardt, P., Zhao, A., Shiau, J., Yan, C., Webb, T., Mak, S., Papanu, J., Yin, G. 0.35-micron and sub-0.35-micron metal stack etch in a DPS chamber - DPS chamber and process characterization 54477
Ye, Y., Roy, K. Efficient synthesis of AND/XOR networks 41123
Ye, Z. *see* Gottwald, T. 29788
Ye, Z. *see* Gottwald, T. 39289
Ye Anqi *see* Anqi Ye
Ye Bing, Wu Shixiong, Bao Liangbi, Wang Jian, Tang Jing A new development of laser dynamic precision measurer of fine wire diameters 58984
Ye Bo, Chen Yuhua, Zheng Zengyu A new structure of testability design using partial parallel scan 1225
Ye Bo, Huang Lan, Ren Jun-Yan, Zheng Zeng-Yu Design for testability, placement and routing of a new oversampled Σ-Δ modulator 53357
Ye Bo-Yuan *see* Bo-Yuan Ye
Ye Cai Li *see* Schwarz, K.-P. 8352
Ye Chao *see* Chao Ye
Ye Chun *see* Chun Ye
Ye Chunfei, Liu Gang, Zhang Wenxun Studies on a new type of millimeter wave integrated antenna 14728
Ye Feng *see* Zhu Yaming 38798
Ye Hui *see* Hui Ye
Ye Hyun Kim *see* Woo Seop Lee 18963
Ye Jing *see* Li Jiaxu 36581
Ye Jun *see* Jun Ye
Ye Li, Liu, K.J.R. Static and dynamic convergence behavior of adaptive blind equalizers 5670
Ye Li, Liu, K.J.R. Blind adaptive spatial-temporal equalization algorithms for wireless communications using antenna arrays 26501
Ye Li, Liu, K.J.R., Razavilar, J. A parameter estimation scheme for damped sinusoidal signals based on low-rank Hankel approximation 34793
Ye Li, Liu, K.J.R., Zhi Ding Length- and cost-dependent local minima of unconstrained blind channel equalizers 5669
Ye Li, Ray Liu, K.J. On blind equalization of MIMO channels 5682
Ye Li, Ray Liu, K.J. Learning characteristics for general class of adaptive blind equalizer 5684
Ye Li *see* Razavilar, J. 25108
Ye Li *see* Sampath, B. 5683
Ye Li *see* Li Ye
Ye Ming *see* Gu Limin 35851
Ye Minjun *see* Dai Wenmin 23375
Ye Ning *see* Ning Ye
Ye Nong *see* Nong Ye
Ye Pei-Xian *see* Gao Hong 44633
Ye Peida *see* Peida Ye
Ye Peihua *see* Jacobsson, H. 12311
Ye Peiida *see* Yan Xiaoping 46606
Ye Peixian *see* Peixian Ye
Ye Qian *see* Qian Ye
Ye Qingsong *see* Zhou Jun 54825
Ye Qiubo *see* Qiubo Ye
Ye Runtao *see* Zheng Haidong 54615
Ye Shenghua *see* Yang Xueyou 39886
Ye Shenghua *see* Shenghua Ye
Ye Shizhang *see* Mao Zepu 59254
Ye Shuhua New observing facilities and recent progress in China 7409
Ye Wei Harmonic analysis and measurement of electronic ballast 9719
Ye Wei *see* Bao Zheng 16851
Ye Xia *see* Chiussi, F.M. 57558
Ye Xiangyun, Hu Dongliang, Qi Feihu Radius vectors based invariant shape classification 5263
Ye Xichao *see* Le Jialing 49003
Ye Xinfeng *see* Xinfeng Ye
Ye Xing, Tabarrok, B., Walsh, D. The influence of thermosolutal convection on CdTe growth by the traveling heater method 30696
Ye Xiuzi *see* Xiuzi Ye
Ye Yan *see* Li Dezhong 38500
Ye Yang *see* Yang Ye
Ye Yinyu *see* Yinyu Ye
Ye Yizheng *see* Chen Xin 53141
Ye YiZheng *see* Zhang Yan 53138
Ye Yukang *see* Wu Xiangbing 1722
Ye Yutang *see* Li Jiaxu 36581
Ye Zhisheng *see* Ren Guoquan 24305
Ye Zhizhen *see* Cao Qing 879
Ye Zhizhen *see* Chen Weihua 30888
Ye Zhongfu, Shen Fenglin Direction finding using spatial differencing technique 6999
Ye Zhongming, Pan Zushan, Li Dongsheng A study of 3-phase factor correction 19112
Ye Zifeng *see* Liu Xiaoting 48914
Ye-In Chang *see* Chung-Ming Huang 16097
Yea Ji-Hae *see* Ji-Hae Yea
Yea-Chul Rho *see* Jang-Hyun Park 46674
Yeadon, N. *see* Pegler, D. 47345
Yeager, J. *see* Sahoo, P. 25559
Yeager, K. *see* Vasseghi, N. 1443
Yeager, R. *see* Camp, W.O., Jr. 47601
Yeam-Ik Choi *see* Seong-Dong Kim 2710
Yean, R. *see* Chun-Li Hou 1161
Yean Kuen Fang *see* Kan Yuan Lee 54636
Yean-Kuen Fang *see* Kan-Yuan Lee 54290
Yean-Kuen Fang *see* Kan-Yuan Lee 54644
Yeap, G., Wild, A. Introduction to low-power VLSI design 43204
Yeap, T. *see* Abdel-Raheem, E. 34813
Yeap, T. *see* Aweya, J. 46702
Yeap Choh-Fei *see* Choh-Fei Yeap
Yeargan, J., Laker, K., Aukland, J., Jackson, D. Life long learning–Industry 2000 continued 20665
Yearn-Ik Choi, Il-Yong Park An analytical model for the parallel-plane breakdown voltage of punch-through diodes 2570
Yearn-Ik Choi *see* Cheol-Min Park 41783
Yearn-Ik Choi *see* Jin-Young Jung 54572
Yearn-Ik Choi *see* Moo-Sup Lim 53969
Yearn-Ik Choi *see* Seung-Youp Han 54634
Yearn-Ik Choi *see* Yong-Sung Chung 2130
Yeates, P.D. *see* Delavaux, J.-M.P. 26731
Yeatman, E.M. *see* Fardad, M.A. 3419
Yebin Wang *see* Chuangtian Chen 14280
Yecheng Wu *see* Woodcock, C.E. 50030
Yeckel, A. *see* Xiao Qiang 10662
Yedavalli, R.K., Tseng, Y.W. Control of aeroelastic dynamics by smart structures via matrix second order framework 2995
Yeddanapudi, M., Bar-Shalom, Y., Pattipati, K. IMM estimation for multitarget-multisensor air traffic surveillance 28586
Yeddanapudi, M. *see* Popp, R.L. 38027
Yeddanapudi Murali *see* Murali Yeddanapudi
Yee, D. *see* Assaderaghi, F. 2839
Yee, E. *see* Betts, W. 59222
Yee, G., Sechen, C. Low voltage and low power: how low can you go? 2754
Yee, K.F. *see* Sun, J.J. 54633
Yee, K.S., Chen, J.S. The finite-difference time-domain (FDTD) and the finite-volume time-domain (FVTD) methods in solving Maxwell's equations 44859
Yee, N.S. *see* Jones, C.A. 89
Yee, P. *see* Haykin, S. 56559
Yee, R. *see* Lee, P.H.Y. 18885
Yee, R. *see* Lee, P.H.Y. 18889
Yee, S. Tin/lead coating directly on copper [PCB surface finish] 22040
Yee, S., Ladhar, H. The influence of pad geometry on ceramic ball grid array solder joint reliability 20933
Yee, S.S. *see* Chinowsky, T.M. 27966
Yee, S.S. *see* Homola, J. 48435
Yee, S.S. *see* Jung, C.C. 7385
Yee, S.S. *see* Karlsen, S.R. 7312
Yee, S.S. *see* Shen, S. 48489
Yee Gin *see* Gin Yee
Yee Hee-Jin *see* Hee-Jin Yee
Yee Hwan Kim *see* Il Hwan Kim 53960
Yee Kwok Chee *see* Chee Yee Kwok

Yee Soung Ryong *see* Soung Ryong Yee
Yee-Hong Yang *see* Kung-Hao Liang 57196
Yee-Lu Zhaog *see* Wen-Hao Tsai 17706
Yee-Wen Chen, Liang-Gee Chen, Mei-Juan Chen A very low bit rate video coding system using adaptive region-classified vector quantization 15897
Yeeheng Lee *see* Hongyue Liu 39147
Yeeheng Lee *see* Lihong Jiao 12151
Yeeping Yap, Teckyong Tou, Kuanhiang Kwek Measurements of time delays in superradiant laser emissions from binary dye mixtures 13985
Yefimov, A.V. *see* Marchuk, L.A. 4765
Yeganeh, M.S. *see* Qi, J. 2241
Yegin, K., Martin, A.Q. Broadband characteristics of capacitively loaded monopole antennas 34313
Yegnanarayana, B. *see* Chandra Sekhar, C. 34653
Yegnanarayana, B. *see* Raghu, P.P. 15483
Yegnanarayana, B. *see* Raghu, P.P. 57395
Yegnanarayanan, S., Trinh, P., Jalali, B. Recirculating photonic filter: a wavelength-selective time delay for optically controlled phased-array antenna 56213
Yegnanarayanan, S., Trinh, P.D., Coppinger, F., Jalali, B. Compact silicon-based integrated optic time delays 55292
Yegnanarayanan, S. *see* Coppinger, F. 31357
Yegnanarayanan, S. *see* Coppinger, F. 58455
Yegnanarayanan, S. *see* Jalali, B. 3421
Yegnanarayanan, S. *see* Trinh, P.D. 13656
Yegnanarayanan, S. *see* Trinh, P.D. 33089
Yegoshkina, L.A. *see* Kovalev, L.K. 60703
Yegoshkina, L.A. *see* Kovaliov, L.K. 29266
Yeh, A.S. *see* Stormer, H.L. 12470
Yeh, C.F. *see* Chung, S.S. 43054
Yeh, C.L. *see* Jong-Chul Lee 3667
Yeh, C.P. *see* Hu, K.X. 22111
Yeh, C.P. *see* Huang, Y. 30208
Yeh, C.S. *see* Luo, H.J. 43097
Yeh, D., Feygin, G., Chow, P. RACER: a reconfigurable constraint-length 14 Viterbi decoder 21575
Yeh, E.-C., Tram, H. Information integration in computerized distribution system planning 60385
Yeh, E.M. *see* Kovacevic, J. 25646
Yeh, G.K., Yen-Wen Lu, Burr, J.B. A low-power video motion estimation array processor 5271
Yeh, G.K. *see* Yen-Wen Lu 1491
Yeh, G.P. *see* Antos, J. 37373
Yeh, J.C.H. *see* RayChaudhuri, T. 15697
Yeh, J.H.-J. *see* Partovi, A. 3354
Yeh, P. *see* Antos, J. 37373
Yeh, P. *see* Changxi Yang 14412
Yeh, P. *see* Wen, Z. 44133
Yeh, P. *see* Xianmin Yi 23449
Yeh, S.-N. *see* Chang, S.-C. 9601
Yeh, S.M. *see* Yang, S.Y. 48055
Yeh, T., Wang, G., Berg, L., Casey, D., Yue, J. Topography and its effect on magnetization reversal of coupled NiFeCo film 3181
Yeh, T.I. *see* Lin, Y.F. 48300
Yeh, T.I. *see* Mangum, B.W. 27206
Yeh, Y.C.M., Chu, C.L., Krogen, J., Ho, F.F., Datum, G.C., Billets, S., Olson, J.M., Timmons, M.L. Production experience with large area, dual junction space cells 37982
Yeh Chao-Pin *see* Chao-Pin Yeh
Yeh Chi-Hsiang *see* Chi-Hsiang Yeh
Yeh Chien-Chung *see* Chien-Chung Yeh
Yeh Ching-Fa *see* Ching-Fa Yeh
Yeh Chingfa *see* Tseng Weitsu 43419
Yeh Hen-Geul *see* Hen-Geul Yeh
Yeh Hsien-Chi *see* Hsien-Chi Yeh
Yeh Hsing-Chung *see* Hsing-Chung Yeh
Yeh Jang-Hun *see* Jang-Hun Yeh
Yeh Jinn-Yi *see* Jinn-Yi Yeh
Yeh Li-Ming *see* Li-Ming Yeh
Yeh Mei-Ling *see* Mei-Ling Yeh
Yeh Min-Hung *see* Min-Hung Yeh
Yeh Ming-Yuan *see* Ming-Yuan Yeh
Yeh Nien-Tze *see* Nien-Tze Yeh
Yeh Pochi *see* Pochi Yeh
Yeh Sheng-Nian *see* Sheng-Nian Yeh
Yeh Shore-Ting *see* Shore-Ting Yeh
Yeh Shu-Ming *see* Shu-Ming Yeh
Yeh Ta Hsun *see* Ta Hsun Yeh
Yeh Ta-Hsun *see* Ta-Hsun Yeh
Yeh Wen-Kuan *see* Wen-Kuan Yeh
Yeh Yuan-Hau *see* Yuan-Hau Yeh
Yeh Yung-Hui *see* Yung-Hui Yeh
Yeh-Chin Ho, Jong-Chuang Tsay Fully static processor-optimal assignment of data-flow graphs 56538
Yehoda, J. *see* Olsson, J. 12364
Yei Wo *see* Wo Yei
Yekai Wu *see* Wu Yekai
Yelamos, D. *see* Nafria, M. 13209
Yelensky, L.V. *see* Zeldis, V.I. 16941
Yelick, K. *see* Patterson, D. 53275
Yeliseyeva, N. *see* Gorobets, N. 45364
Yelizarov, A.A. *see* Pchelnikov, Y.N. 43205
Yellapantula, R.V. *see* Tahernezhadi, M. 6373
Yelle, N.V. *see* Beauchamp, P.M. 59963
Yelle, R.V. *see* Beauchamp, P.M. 36693
Yelle, R.V. *see* Rodgers, D.H. 59861
Yellia, D., Vardy, A., Amrani, O. Joint equalization and coding for intersymbol interference channels 34589
Yellin, D., Friedlander, B. Blind multi-channel system identification and deconvolution: performance bounds 4690
Yellin, S. *see* Abe, K. 37234
Yellin, S. *see* Shutt, T. 37472
Yelmo, J.C., Carrasco, F.J., Sanchez, C., Gil, J.J., Ramos, C., Felipe, M.I. FDT based development of an interworking unit between LANs and X.25 networks 16282
Yelon, A. *see* Ciureanu, P. 3153
Yelon, A. *see* Meunier, M. 17581
Yelon, A. *see* Rudkowski, P. 23313
Yelsukov, Y.P. *see* Yermakov, A.Y. 52831
Yelverton, J.W. Quality approaches to enhance plant safety [nuclear plants] 38556
Yemelyanov, K. *see* Nikitskiy, S. 45318
Yemez, Y., Sankur, B., Anarim, E. Region growing motion segmentation and estimation in object-oriented video coding 57286
Yen, A., Tritchkov, A., Stirniman, J.P., Vandenberghe, G., Jonckheere, R., Ronse, K., Van den Hove, L. Characterization and correction of optical proximity effects in deep-ultraviolet lithography using behavior modeling 22738
Yen, A. *see* Goethals, A.M. 2523
Yen, A. *see* Kee-Ho Kim 2496
Yen, A. *see* Op de Beeck, M. 2531
Yen, A. *see* Ronse, K. 2790
Yen, A.C. *see* Wu, D.Y. 47941
Yen, D.L.W. *see* Juing-Yi Cheng 42510
Yen, E. *see* Chang, J.J.K. 32831
Yen, H.C. *see* Chen, Y.C. 53672
Yen, H.W. *see* Loo, R.Y. 58456
Yen, H.W. *see* Negri, A.J. 47925
Yen, H.W. *see* Ng, W. 58358
Yen, H.W. *see* Wang, H.T.M. 58361
Yen, J. *see* Chih-Wei Chang 49482
Yen, K.K. *see* Ghoshray, S. 21112
Yen, W. *see* Akyildiz, I.F. 5924
Yen, W.C., Huang, C.T., Liu, H.P., Lee, L.P. A Nd:YAG laser with a flat-top beam profile and constant divergence 55553
Yen, W.M., Basun, S., Happek, U., Raukas, M. Luminescence and photoconductivity of cerium compounds 13814
Yen, W.M. *see* Evans, D.R. 13825
Yen, W.M. *see* Raukas, M. 13823
Yen John *see* John Yen
Yen Li *see* Li Yen
Yen Po-Wen *see* Po-Wen Yen
Yen Shun Tung *see* Shun Tung Yen
Yen Shun-Tung *see* Shun-Tung Yen
Yen Sisong, Huang Genyu Dynamic performance of towing system–simulation and model experiment 50093
Yen Sung-Ming *see* Sung-Ming Yen
Yen Ti-Yen *see* Ti-Yen Yen
Yen Weichung *see* Yung, F.I. 3695
Yen-Ann Chen, Nai-Yuan Liang, Li-Hong Laih, Wen-Chin Tsay, Mao-Nan Chang, Jyh-Wong Hong Improvement of current injection of porous silicon 55403
Yen-Ann Chen *see* Li-Hong Laih 58761
Yen-Ann Chen *see* Tean-Sen Jen 44286
Yen-Chang Tzeng *see* Po-Lun Chen 44102
Yen-Chen Chen *see* Wen-Hao Tsai 17706
Yen-Feng Hsu *see* Hsu Yen-Feng
Yen-Hsyang Chu, Chien-Ya Wang Interferometry observations of three-dimensional spatial structures of sporadic E irregularities using the Chung-Li VHF radar 60056
Yen-Jen Lee, Horng-Juing Lee, Wei-Hsiu Ma, Du, D.H.C. A systematic approach to design the network-based learning environment for home and office 52021
Yen-Kuang Chan *see* Chien-Yeh Chang 50726
Yen-Kuang Chen, Yun-Ting Lin, Kung, S.Y. A feature tracking algorithm using neighborhood relaxation with multi-candidate pre-screening 57284
Yen-Kuang Chen *see* Kung, S.Y. 25749
Yen-Kuang Chen *see* Yun-Ting Lin 57025
Yen-Kuang Kuo, Unlu, F., Sanggeon Lee, Man-Fang Huang, Birnbaum, M., Fuqua, P.D., Dunn, B. Saturable absorber Q-switches for tunable near-IR solid-state lasers 3776
Yen-Lu Chow *see* Bellegarda, J.R. 14890
Yen-Ping Ho *see* Shih-Hsiang Hsu 36153
Yen-Shin Lai, Bowes, S.R. A universal space vector modulation strategy based on regular-sampled pulse-width modulation [invertors] 51098
Yen-Shung Chang *see* Mill-Jer Wang 54766
Yen-Tang Lyu *see* Ching-Ting Lee 22427
Yen-Tang Lyu *see* Ching-Ting Lee 54264
Yen-Ting Chen, Kuo-Sheng Cheng, Jia-Kuang Liu Automated cephalogram landmarking 7903
Yen-Wei Chen, Nakao, Z., Arakaki, K. Blind deconvolution based on genetic algorithms 56845
Yen-Wei Chen, Nakao, Z., Xue Fang, Tamura, S. A parallel genetic algorithm for image restoration 15570
Yen-Wei Chen, Zensho Nakao, Arakaki, K., Nakamura, I., Tamura, S. Reconstruction of neutron penumbral images by a constrained genetic algorithm 15560
Yen-Wen Huang *see* Jiun Shiu 30152
Yen-Wen Lu, Yeh, G.K., Burr, J.B. A 15 mW 1.6 Gb/s wormhole data router for 2-D meshes 1491
Yen-Wen Lu *see* Yeh, G.K. 5271
Yenchek, M.R., Cole, G.P. Thermal modeling of portable power cables 39477
Yener, A., Rose, C. Genetic algorithms applied to cellular call admission: local policies 36005
Yener, A., Rose, C. Local call admission policies for cellular networks using genetic algorithms 36037
Yener, B. Virtual embeddings on regular topology networks 16291
Yener, B. *see* Ofek, Y. 57618
Yeng Chai Soh *see* Lihua Xie 45830
Yeng-Dong Kim *see* In-Su Cha 19778
Yenisey, M.M. *see* Kahraman, C. 10004
Yeo, A. *see* Yeo, C.K. 22026
Yeo, C.K., Mhaisalkar, S., Pang, H.L.J. Solder joint reliability study of 256 pin, 0.4 mm pitch, PQFP 236
Yeo, C.K., Mhaisalkar, S., Pang, H.L.J., Yeo, A. Experimental study of solder joint reliability in a 256 pin, 0.4 mm pitch PQFP 22026
Yeo, H., Hu, Y.H. A high-throughput modular architecture for three-step search block matching motion estimation 25428
Yeo, J.S. *see* Huang, T.F. 21311
Yeo, K.S. *see* Wu, J.H. 222
Yeo, L.H. *see* Zaslavsky, A. 46942
Yeo, S.H., Farhang-Boroujeny, B. Improved synthesis of transmit digital and receive analogue filters for high-speed data transmission systems 47456
Yeo, S.H., Low, C.W., Yong, K.H. A rule-based frame system for concurrent assembly machines 11895
Yeo, S.H. *see* Hou, M. 36814
Yeo, S.K.N., Parfitt, A.J. Finite array analysis using iterative spatial Fourier windowing of the generalized periodic Green's function 34363
Yeo, S.K.N., Parfitt, A.J. Generalized Green's function analysis of infinite arrays of microstrip antennas with various configurations 34365
Yeo, S.P., Tan, L.J. Symmetrical N-port microstrip ring couplers 53541
Yeo, S.P. *see* Teo, S.G. 45299
Yeo, T.S. *see* Deng, T.Q. 11717
Yeo, T.S. *see* Deng, T.Q. 53539
Yeo, Y.K. *see* McCrae, J.E. 42026
Yeo, Y.K. *see* Silkowski, E. 12621
Yeo, Y.K. *see* Silkowski, E. 54369
Yeo Boon-Lock *see* Boon-Lock Yeo
Yeo Chai Kiat *see* Chai Kiat Yeo
Yeo Hangu *see* Hangu Yeo
Yeo Hong Yoon *see* Kyung Joo Mo 30384
Yeo In-Seon *see* In-Seon Yeo
Yeo Tat-Soon *see* Tat-Soon Yeo
Yeoh, A., Prabhu, G., Persad, C. Liquation cracking and its effects in aluminum alloy armatures 33877
Yeoh, A. *see* Persad, C. 24411
Yeoh, A. *see* Persad, C. 33875
Yeol Choi Jeong *see* Jeong Yeol Choi
Yeol Rheem Jae *see* Jae Yeol Rheem
Yeol Ryu Bong *see* Bong Yeol Ryu
Yeol Song Byeong *see* Byeong Yeol Song
Yeom, H.W., Abukawa, T., Takakuwa, Y., Nakamura, M., Kimura, M., Kakizaki, A., Kono, S. Initial stage growth and interface formation of Al on Si(001)2×1 2253
Yeom, H.Y., Jungsoo Ha, Ilhwan, K. IP multiplexing by transparent port-address translator 16321
Yeom, K., Hinckley, J.M., Singh, J. Calculation of electron and hole impact ionization coefficients in SiGe alloys 2083
Yeom, K., Jiang, H., Singh, J. High power laser semiconductor interactions: a Monte Carlo study for silicon 31762
Yeom, K.H. *see* Lee, D.H. 2809
Yeom Kyehee *see* Kyehee Yeom
Yeom Tae Ho *see* Tae Ho Yeom
Yeoman, T.K. *see* Milan, S.E. 45144
Yeomans, K.D. *see* Campbell, S.L. 52560
yeon Chung-Kyu *see* Chung-Kyu yeon
Yeon Kim Cha *see* Cha Yeon Kim
Yeon Na Su *see* Su Yeon Na
Yeon Park Seo *see* Seo Yeon Park
Yeon Wan Koh *see* Min-Yong Jeon 14003
Yeon-Geon Koo *see* Young-Kyu Sohn 34247
Yeon-Jung Kim, Seong-Won Choi Stabilization of the perovskite phase and dielectric properties of ceramics in the $Pb(Fe_{2/3}W_{1/3})O_3$-$PbTiO_3$ system 54941
Yeon-Soek Lee, Jang-Gyu Lee Statistical analysis technique for nonlinear dynamic systems 21048
Yeong Bae Yoon *see* Yoon Yeong Bae
Yeong Chan Kok *see* Kok Yeong Chan
Yeong Cho Woo *see* Woo Yeong Cho
Yeong Teo Ming *see* Ming Yeong Teo
Yeong-An Jeong, Dong-Wook Kim, Sung-Hyun Han, Jong-Soo Choi Application of uncovered region prediction for very low bit rate video coding 57057
Yeong-Geon Seo, Moon-Ryul Jung, Hae-Seok Oh Sending, receiving and presenting multimedia data over network for tele-medical diagnosis (MediNet) 8018
Yeong-Ho Ha *see* Gi-Seok Kim 57059
Yeong-Ho Ha *see* Yong-Suk Kim 57064
Yeong-Ho Ha *see* Young-Sik Park 57061
Yeong-Ho Park *see* Jong-Arm Jun 58077
Yeong-Kang Lai, Liang-Gee Chen, Ming-Cheng Chiang A novel video signal processor with reconfigurable pipelined architecture 1494
Yeong-Kang Lai *see* Po-Cheng Wu 56801
Yeong-Lin Lai, Chang, E.Y., Chun-Yea Chang, Yang, H.-P.D., Nakamura, K., Shy, S.L. A simple fabrication process of T-shaped gates using a deep-

UV/electron-beam/deep-UV tri-layer resist system and electron-beam lithography 32267
Yeong-Maw Chen, Jin-Shown Shie, Thunter Hwang Parameter extraction of resistive thermal sensors 36469
Yeong-Maw Chen *see* Jin-Shown Shie 17395
Yeong-Taeg Kim Decolored LI filter lattice: a subclass of LI filters useful in practice 15363
Yeong-Taeg Kim Contrast enhancement using brightness preserving bi-histogram equalization 46301
Yeong-Taek Lee, Ki-Whan Song, Byung-Gook Park, Jong-Duk Lee Indium doped nMOSFETs and buried channel pMOSFETs with n^+ polysilicon gate 54650
Yeongchang Chou *see* Chou Yeongchang
Yeonhee Lee *see* Ji-Eun Lim 41853
Yeop Lee Hyun *see* Hyun Yeop Lee
Yeop Song Hong *see* Hong Yeop Song
Yeou-Jyh Tsai *see* Changdon Kee 27114
Yeouchang Lee *see* Lee Yeouchang
Yeoul Park Jong *see* Jong Yeoul Park
Yeoun, B.-S. *see* Kim, M.-B. 18258
Yeoung-Ho Park Bi-directional 3-port ATM CAM supporting fast look-up and reduced cycle time 58076
Yeow, Y.-T. *see* Tanner, P.G. 22917
Yeow-Meng Chee *see* Lim, A. 35714
Yepes, P. A fast track pattern recognition 18086
Yeping Wang *see* Wang Yeping
Yepishin, V.A., Maslov, V.A., Militinskiy, I.M., Svich, V.A., Topkov, A.N. Fourier-mode of open resonator with uniform amplitude on one reflector 3927
Yeqing Tang *see* Tang Yeqing
Yeqing Zhang *see* Dougherty, E.R. 23636
Yeqiong Song, Simonot-Lion, F., Navet, N. Validation of distributed real time systems thanks to performance evaluation of their physical architecture 57859
Yerazunis, W.S. *see* Waters, R.C. 57941
Yeremian, A.D., Miller, R.H. NLC electron injector beam dynamics 17991
Yeremian, D. *see* Ruth, R.D. 49165
Yeremian, D. *see* Tang, H. 49299
Yeremin, A.V. *see* Saro, S. 37275
Yeremina, L. *see* Dyshel, D. 27739
Yeremina, L. *see* Vorotyntsev, V. 36759
Yeremka, V.D. *see* Zeldis, V.I. 16941
Yeremy, M.L. *see* Ozard, J.M. 18758
Yergeau, D.W. *see* Chen, T. 13109
Yermachenko, V.M. *see* Naumov, N.V. 44358
Yermakov, A.Y., Uimin, M.A., Shangurov, A.V., Zarubin, A.V., Chechetkin, Y.V., Shtolz, A.K., Kondratyev, V.V., Konygin, G.N., Yelsukov, Y.P., Enzo, S., Macri, P.P., Frattini, R., Cowlam, N. Magnetoresistance and structural state of Cu-Co, Cu-Fe compounds obtained by mechanical alloying 52831
Yermolenko, A.S. *see* Gabay, A.M. 43629
Yerofeyev, S.A. Designing of piezotransducers and devices on their basis 36488
Yerofeyev, S.A. Design of piezotransformers and assemblies 54997
Yerong Zhang *see* Zhang Yerong
Yerraballi, R. *see* Stoica, I. 57641
Yesavage, J.A. *see* Ford, J.M. 18412
Yesberg, J. *see* Anderson, M. 26108
Yeshu Yuan *see* Yuan Yeshu
Yeskov, D.N. *see* Ivanova, N.L. 3487
Yeu-Cherng Shiau *see* Wen-Kuan Yeh 40565
Yeu-Chuen Huang, Chien Chou, Ming Chang Direct measurement of refractive indices (n_e, n_o) of a linear birefringent retardation plate 17845
Yeu-Jent Hu, Chern Sheng Lin, Rong-Seng Chang A new thinning algorithm and its applications 57153
Yeu-Jong Huang *see* Gwo-Sheng Peng 48935
Yeung, B. *see* Tangtrakul, A. 40996
Yeung, G.K. *see* Gardner, W.A. 4804
Yeung, H., Kitchin, R.H., Ryan, H.M. A new passive filter arrangement for harmonic reduction in power systems 19065
Yeung, K.H. *see* Chiu, Y.M. 58553
Yeung, K.L., Nanda, S. Channel management in microcell/macrocell cellular radio systems 6528
Yeung, K.L. *see* Chan, K.S. 46582
Yeung, M.M., Boon-Lock Yeo Video content characterization and compaction for digital library applications 57336
Yeung, N., Shapiro, R.S., Glajchen, N., Stock, R. CT appearance of the Syed-Neblett device for interstitial brachytherapy of gynecologic malignancies 18513
Yeung, P.H. *see* Kuah, T.H. 20873
Yeung, R.W. *see* Roche, J.R. 56335
Yeung, Y.H. *see* Yang, Z. 54159
Yeung, Y.N.A., Yiu, P.C.H., Chow, W.K. Active noise control: evaluation in ventilation systems 45802
Yeung Tsang Kwok *see* Kwok Yeung Tsang
Yevick, D., Jun Yu, Schmidt, F. Analytic studies of absorbing and impedance-matched boundary layers 24447
Yevick, D. *see* Yu, J. 33129
Yevtushenko, N. *see* Petrenko, A. 20824
Yew, J.Y., Chen, L.J., Nakamura, K. Epitaxial growth of $NiSi_2$ on (111)Si inside 0.1-0.6 μm in size oxide openings prepared by electron beam lithography 42695
Yew, J.Y., Tseng, H.C., Chen, L.J., Nakamura, K., Chang, C.Y. Formation of self-aligned $CoSi_2$ on selective epitaxial growth silicon layer on (001)Si inside 0.1-0.6 μm oxide openings prepared by electron beam lithography 10722
Yew, J.Y. *see* Chen, L.J. 42689
Yew, T.R. *see* Wang, K.C. 882
Yew Kee Wong, Poliakoff, J.F., Thomas, P.D., Sherkat, N. Automated path segmentation for 2-dimensional vectorised data 25338
Yew Tri-Rung *see* Tri-Rung Yew
Yewen Cao *see* Cao Yewen
Yewen Zhang, Lewiner, J., Alquie, C., Hampton, N. Evidence of strong correlation between space-charge buildup and breakdown in cable insulation 32641
Yexin Yang *see* Yaokun Qin 53546
Yezzi, A. *see* Berg, J. 39731
Yezzi, A., Jr., Kichenassamy, S., Kumar, A., Olver, P., Tannenbaum, A. A geometric snake model for segmentation of medical imagery 49547
Yi, F. *see* Tang, E. 54536
Yi, H., Diaz, J., Lane, B., Razeghi, M. Optical losses of Al-free lasers for λ=0.808 and 0.98 μm 3868
Yi, H. *see* Diaz, J. 21229
Yi, H. *see* Lane, B. 40408
Yi, H.J. *see* Lane, B. 42059
Yi, H.J. *see* Wu, D. 23980
Yi, J. *see* Jianming Li 12591
Yi, J. *see* Yubazaki, N. 21712
Yi, M., Sun, W., Tian, X., Jia, G., Liu, S. A practical electro-optic sampler for characterization internal to GaAs ICs 22912
Yi, S.-Y. *see* Lee, S.-H. 5453
Yi, S.H. *see* Hahn, S.R. 30774
Yi, S.I. *see* Chan-Hwa Chung 12706
Yi, S.I. *see* Ying-Lan Chang 2383
Yi, W. *see* Fengling, H. 50562
Yi, W.S. *see* Choe, K.S. 43124
Yi, Y., Fengping, Y., Shuisheng, J., Zhijun, G., Weixue, Z., Jin, J., Henchun, L., Wu, X. Experiment of fiber optical gyroscope for railway positioning and trackage inspection use 29822
Yi Aiping *see* Wang Feng 24035
Yi Bian Modelling and simulation of WADGPS systems 48171
Yi Bian, Last, D. Eigen-decomposition techniques for Loran-C skywave estimation 36275
Yi Bian, Last, D. High-efficiency Loran-C interference identification by synchronous sampling 36276
Yi Cai *see* Kun Liu 54078
Yi Cai *see* Cai Yi
Yi Cao *see* Cao Yi
Yi Chaehag *see* Chaehag Yi
Yi Chen *see* Chen Yi
Yi Cheng *see* Cheng Yi
Yi Chu, Wen-Hsien Fang, Shun-Hsyung Chang A higher order statistics-based subspace method for the 2-D harmonic retrieval problem 25148
Yi Dong-Young *see* Dong-Young Yi
Yi Du *see* Du Yi
Yi Fan *see* Fan Yi
Yi Ge *see* Zhenhua Li 55547
Yi Ge *see* Ge Yi
Yi Guanghua *see* Guanghua Yi
Yi Gyu-Chul *see* Gyu-Chul Yi
Yi Hong *see* Hong Yi
Yi Hu *see* Novosel, D. 8979
Yi Huang Prediction of radio coverage inside rooms 34084
Yi Huang, Parsons, D. A time domain approach for measuring the dielectric properties and thickness of walls of a building 36850
Yi Huang *see* Huang Yi
Yi Huang Tai *see* Tai Yi Huang
Yi Jae-Woong *see* Jae-Woong Yi
Yi Jae-Yel *see* Jae-Yel Yi
Yi Jeong-Hyong *see* Jeong-Hyong Yi
Yi Jingzeng *see* Zhu Weili 44827
Yi Jwo-Hwu The refined strategy for substation main transformer and feeder load balancing 38340
Yi Kang *see* Kang Yi
Yi Kechu *see* Ding Yumei 15919
Yi Kui *see* Shao Jianda 27910
Yi Lin *see* Qing-Ping Hu 467
Yi Liu *see* Liu Yi
Yi Lu, Tisler, A. Machine vision inspection of VF display boards 355
Yi Luo, Chang-Zheng Sun, Nakano, Y., Tada, K. Analysis of gain and index coupling coefficients of DFB semiconductor lasers using a practical model 14134
Yi Luo *see* Luo Yi
Yi Ma *see* Liu, C.T. 43291
Yi Pan, Singh, G. A fault-tolerant protocol for election in chordal-ring networks with fail-stop processor failures 57802
Yi Pan *see* Pan Yi
Yi Pun *see* Pun Yi
Yi Qian *see* Qian Yi
Yi Rongqing, Sun Kexu, Wang Hongbin, Yang Jiamin, Ma Hongliang, Cheng Zhenglin, Cui Mingqi, Li Gang, Cui Chongwu Absolute calibration of sensitivity of XRD on the synchrotron radiation source 28055
Yi Rongqing *see* Cui Mingqi 37405
Yi Sang-Bae *see* Sang-Bae Yi
Yi Sang-Yi *see* Sang-Yi Yi
Yi Sang-Yun *see* Sang-Yun Yi
Yi Seung Hwan *see* Seung Hwan Yi
Yi Shi *see* Feng Wang 54378
Yi Su *see* Liang-Yao Chen 48970
Yi Sun *see* Sun Yi
Yi Sung-Dae *see* Sung-Dae Yi
Yi Wang, Johnston, D.L., Breen, J.F., Huston, J., III, Jack, C.R., Julsrud, P.R., Kiely, M.J., King, B.F., Riederer, S.L., Ehman, R.L. Dynamic MR digital subtraction angiography using contrast enhancement, fast data acquisition, and complex subtraction 7986
Yi Wang *see* Weiping Li 16018
Yi Wang Jun *see* Jun Yi Wang
Yi Wang Wen *see* Wang Wen Yi
Yi Weng, Zeng, G.L., Gullberg, G.T. Analytical inversion formula for uniformly attenuated fan-beam projections 59502
Yi Weng *see* Zeng, G.L. 37676
Yi Wu *see* Wu Yi
Yi Xa *see* Hoffmeyer, P.D. 8695
Yi Xianmin *see* Xianmin Yi
Yi Xie *see* Xie Yi
Yi Xu, Hoffmeyer, P.D., Narayanan, R.M., Curtis, J.O. Signal processing aspects of polarimetric random noise radar data for shallow subsurface imaging 8357
Yi Xun *see* Xun Yi
Yi Yan *see* Yan Yi
Yi Yang *see* Baijun Chen 23696
Yi Yu, Tan, S., Vaderwalle, J., Deprettere, E. Near-optimal construction of wavelet networks for nonlinear system modeling 1105
Yi Yuan Chen, Lei Yin, Xiao-Wei Zhu, Wei Hong A versatile numerical method and software package for E-plane filter design 31473
Yi Yuchan *see* Yuchan Yi
Yi Zhang *see* Zhong Pan 55611
Yi Zhang You *see* You Yi Zhang
Yi Zheng *see* Zheng Yi
Yi-Ben Xia *see* Xia Yi-Ben
Yi-Bing Lin Mobility management for cellular telephony networks 6596
Yi-Bing Lin Reducing location update cost in a PCS network 36018
Yi-Bing Lin Calling for control 36027
Yi-Bing Lin Modeling techniques for large-scale PCS networks 36030
Yi-Bing Lin OA&M for the GSM network 47742
Yi-Bing Yang, Tsui, H.-T. Mobile robot localization by geometric hashing and model-based scene matching 5068
Yi-Cheng Tong *see* Tong Yi-Cheng
Yi-Chin Chu *see* Franco, P. 48353
Yi-Chung Chao *see* Changdon Kee 27114
Yi-Fan Guo *see* Jiansen Zhu 30263
Yi-Feng Hung Determining safety stock for semiconductor manufacturing 20826
Yi-Feng Hung, Jui-Ling Yang Scheduling jobs with machine-dependent processing times 30153
Yi-Gao Sha, Ching-Hua Su, Lehoczky, S.L. Intrinsic carrier concentration and electron effective mass in $Hg_{1-x}Zn_xTe$ 41907
Yi-Hua Fan, An-Chen Lee, Foam-Zone Hsiao Design of a permanent/electromagnetic magnetic bearing-controlled rotor system 51446
Yi-Hua Liu, Chen Chen, Lin Zhang, Shi-Shen Yan, Liang-Mo Mei Giant magneto-inductive effect in soft magnetic FeCrSiB nanocrystalline films 13418
Yi-Hua Tang, Hunt, R.T., Robertazzi, R., Fisher, M., Coughlin, J., Patt, R., Track, E., Potenziani, E. Cryocooled primary voltage standard system 36361
Yi-Jang Wu *see* Nen-Fu Huang 57626
Yi-Jen Chan, Chao-Shin Su, Kuo-Tung Sung Reactive-ion etching of WSi_x in CF_4+O_2 and the associated damage GaAs 54395
Yi-Jen Chan, Chia-Song Wu, Chun-Hung Chen, Jia-Lin Shieh, Jen-Inn Chyi Characteristics of a $In_{0.52}(Al_xGa_{1-x})_{0.48}As/In_{0.53}Ga_{0.47}As(0\leq x\leq 1)$ heterojunction and its application on HEMT's 54704
Yi-Jen Chan *see* Chun-Yi Chai 54253
Yi-Jiunn Chien *see* Jen-Inn Chyi 7323
Yi-Jun Zhao *see* Zhi-Ping Jiang 4986
Yi-Kan Cheng, Chin-Chi Teng, Dharchoudhury, A., Rosenbaum, E., Sung-Mo Kang A chip-level electrothermal simulator for temperature profile estimation of CMOS VLSI chips 13132
Yi-Kan Cheng, Rosenbaum, E., Sung-Mo Kang Improvement on chip-level electrothermal simulator–ILLIADS-T 2782
Yi-Kug Kang, Yong-Deok Shin Effect of Li_2O and K_2O addition on the microstructure and humidity sensitivity of V_2O_5-doped TiO_2 27443
Yi-Kung Liang *see* Liang Yi-Kung
Yi-Liang Zang *see* Chia-Chen Hsu 4018
Yi-Long Chen, Jyh-Charn Liu A hybrid interconnection network for integrated communication services 46835
Yi-Ming Ferng *see* Ferng Yi-Ming
Yi-Ming Xiong *see* Suzuki, I. 59065
Yi-Mo Zhang, Wei Liu, He-Qiao Li Holographic associative memory with parallel processing architecture 23457
Yi-Mo Zhang, Wei Liu, He-Qiao Li Four-channel real-time holographic associative memory 43921
Yi-Mo Zhang, Wen-Yao Lin, Ge Zhou, Hong Zhang, Xiao-Qing He, Feng Hua Basic considerations of improving communication performances

for parallel multi-processor system (PMPS) with optical interconnection network 57917
Yi-Mo Zhang, Yu-Wen Qin, Bao-Zhen Ge, Zhan-Hua Huang, Xi-Ming Chen Nonlinear joint transform correlator used for moving object tracking 46393
Yi-Mo Zhang *see* Yu-Wen Qin 48414
Yi-Ping Hung, Dong-Yueh Liu, Yau-Liang Tsai, Yang, G.J. A new high performance automatic geometry alignment system for monitor manufacturing 17660
Yi-Ping Hung *see* Chu-Song Chen 5128
Yi-Ping Hung *see* Ho-Chao Huang 5583
Yi-Ping Hung *see* Sheng-Wen Shih 5322
Yi-Qiang Qin *see* Shi-Ning Zhu 44742
Yi-Qiang Qin *see* Yong-Yuan Zhu 3022
Yi-Tin Ho, Li-Chen Fu, Han-Shen Huang Architecture and implementation of a multisensor system for robotic assembly environment 48429
Yi-Yuan Xie *see* Feng-Chi Yuan 10840
Yi-Zhong Wang, Bo-Ping Hu, Gui-Chuan Liu, Hong-Shuo Li, Xiu-Feng Han, Chang-Ping Yang Hard magnetic properties of the novel compound $Sm_3(Fe,Cr)_{29}N_y$ 55029
Yia-Chung Chang *see* Guozhong Wen 32011
Yia-Chung Chang *see* Setlur, G.S. 31851
Yia-Chung Chang *see* Zhi Chen 22463
Yian Chang *see* Cohen, D.A. 16700
Yian Chang *see* Cohen, D.A. 56215
Yiannopoulou, A. *see* Eyler, E.E. 23772
Yianxin Chao *see* Chao Yianxin
Yiaohui Zhang *see* Zhang Yiaohui
Yiaowei Zheng, Julstrom, B.A., Weidong Cheng Design of vector quantization codebooks using a genetic algorithm 56314
Yibin Cui *see* Cui Yibin
Yibin Yang, Liu, M.T. A traffic oriented pre-arbitrated slot reuse scheme in DQDB networks 57913
Yibin Zhang *see* Zhang Yibin
Yicai Sun *see* Junsheng Shi 48823
Yichia Chen *see* Chen Yichia
Yichuang Sun, Fidler, J.K. Structure generation and design of multiple loop feedback OTA-grounded capacitor filters 21794
Yichuang Sun, Fidler, J.K. General multiple loop feedback OTA-C filter architectures 31366
Yichuang Sun, Fidler, J.K. Current-mode multiple-loop feedback filters using dual-output OTAs and grounded capacitors 53401
Yichun Liu, Giorgis, F., Pirri, C.F. Thermal modification of wide-bandgap hydrogenated amorphous silicon-carbon alloy films grown by plasma-enhanced chemical vapour deposition from C_2H_2+SiH_4 mixtures 52778
Yici Cal *see* Cal Yici
Yick, K. *see* Verbauwhede, I. 31299
Yidong Chen *see* Dougherty, E.R. 23636
Yidong Huang *see* Huang Yidong
Yie-Shein Her, Matijevic, E., Min Che Chon Controlled double-jet precipitation of uniform colloidal crystalline particles of Zr- and Sr-doped barium titanates 10951
Yie-Tone Chen Power factor correction of a single-phase on-line UPS with the half-bridge inverter 51224
Yieh, E. *see* Iyer, R. 951
Yifan Gong Stochastic trajectory modeling and sentence searching for continuous speech recognition 24839
Yifan Gong *see* Haizhou Li 34642
Yifan Gong *see* Siohan, O. 15038
Yifan Gong *see* Gong Yifan
Yifan Tang Characterization, numerical analysis and design of switched reluctance motor for improved material productivity and reduced noise 29271
Yifang Luo *see* Luo Yifang
Yigao Sha *see* Sha Yigao
Yigit, K.S. *see* Contreras, A. 50692
Yigong Zhao *see* Zhao Yigong
Yih, C.M., Chung, S.S., Hsu, C.C.-H. A numerical model for simulating MOSFET gate current degradation by considering the interface state generation 12976
Yih Jeng *see* Jeng Yih
Yih Juang Jeng *see* Jeng Yih Juang
Yih Shuih-Jong *see* Shuih-Jong Yih
Yih Swu *see* Swu Yih
Yih Wan Chieh *see* Chieh Yih Wan
Yih Wang, T.Min *see* Min Yih Wang, T.
Yih-Chuan Lin, Sehn-Chaun Tai Fast full-search block-matching algorithm for motion-compensated video compression 5659
Yih-Chuan Lin, Shen-Chuan Tai Dynamic windowed codebook search algorithm in vector quantization 5515
Yih-Chyun Jenq *see* Hussain, S.S. 57572
Yih-Chyun Jenq *see* Zhaohui Yan 46658
Yih-Fang Huang *see* Gollamudi, S. 57605
Yih-Jyi Jeng, Chien-Chung Yeh Cluster-based blind nonlinear-channel estimation 56563
Yih-Neng Lin, Chern-Lin Chen Automatic IM parameter measurement under sensorless field-oriented control 9635
Yih-Shing Lee, Kao-Shiang Liao, Tseung-Yuen Tseng Microstructure and crystal phases of praseodymium oxides in zinc oxide varistor ceramics 2741
Yih-Shing Lee, Tseung-Yuen Tseng Effects of spinel phase formation in the calcination process on the characteristics of ZnO-glass varistors 52843
Yih-Yuh Chen Randomly synchronizing chaotic systems 16150
Yihan Yang *see* Yang Yihan
Yihang Qin *see* Qin Yihang
Yihe Sun *see* Yuhai Ma 54768
Yihe Sun *see* Sun Yihe
Yihe Yang *see* Yang Yihe
Yiheng Xu *see* Xu Yiheng
Yihong Qi, Lizhong Zhu Optimum design of parallel dipole antenna array 34412
Yihong Qi *see* Lizhong Zhu 34190
Yihong Qi *see* Wutu Wang 34464
Yihong Qin *see* Qin Yihong
Yihong Yang, Glover, G.H., van Gelderen, P., Mattay, V.S., Santha, A.K.S., Sexton, R.H., Ramsey, N.F., Moonon, C.T.W., Weinberger, D.R., Frank, J.A., Duyn, J.H. Fast 3D functional magnetic resonance imaging at 1.5 T with spiral acquisition 7992
Yihua Gao *see* Gao Yihua
Yihua Yan *see* Yan Yihua
Yii-Yih Liaw *see* Kuo-Hsing Cheng 1262
Yiin, L.-H. *see* Zeng, W. 46210
Yiin Lih-Huah *see* Lih-Huah Yiin
Yiin Lihbor *see* Lihbor Yiin
Yijun Lu, Shen, C.Y. A domain decomposition finite-difference method for parallel numerical implementation of time-dependent Maxwell's equations 45046
Yijun Zhao *see* Zhao Yijun
Yikai Su *see* Zheng Li 6835
Yikun Lin *see* Jiayin Qin 13948
Yikun Lin *see* Lin Yikun
Yilbas, B.S. Theoretical and experimental investigation into laser melting of steel samples 39752
Yilbas, B.S. A study into CO_2 laser cutting process 44608
Yilbas, B.S., Yilbas, Z., Akcakoyun, N. Investigation into absorption of the incident laser beam during Nd:YAG laser processing of metals 10931
Yilbas, B.S., Yilbas, Z., Sami, M. Thermal processes taking place in the bone during CO_2 laser irradiation 18509
Yilbas, Z. *see* Yilbas, B.S. 10931
Yilbas, Z. *see* Yilbas, B.S. 18509
Yildirim, M. *see* Tuzemen, S. 12217
Yildirim, N. *see* Sen, Y. 1728
Yildirim, O. Diffraction of obliquely incident plane waves by a three-part conductive plane 45004
Yildirim, O., Okulu, H.H. Atmospheric effects due to different particle shapes on propagation 4257
Yildirim, V. A computer program for the free vibration analysis of elastic arcs 27926
Yildiz, H., Hizal, A. Propagation characteristics of slotted coaxial cable and strip line on dielectric covered metallic cylinder 4301
Yilin Chang *see* Chang Yilin
Yilin Zhao Evaluation of GPS receivers for automotive applications 58507
Yilin Zhou *see* Zhou Yilin
Yiling Feng *see* Feng Yiling
Yillbyung Lee *see* Younki Min 5644
Yilmaz, G., Kalenderli, O. The effect of thickness and area on the electric strength of thin dielectric films 13285
Yilmaz, H., Guler, S. The effect of electrode shape, gap and moisture on dielectric breakdown of transformer oil 23145
Yilmaz, S. *see* Goebel, R. 27556
Yilmaz, T. *see* Sahin, B. 50759
Yilu Yu *see* Yu Yilu
Yim, L.W.K., Davey, A.B., Travis, A.R.L. Optically addressed spatial light modulators using the twisted smectic C* liquid crystal effect 33161
Yim, S., Pawate, B.I. Computationally efficient algorithm for time scale modification (GLS-TSM) 15255
Yim Changhoon *see* Changhoon Yim
Yim Chu Hwan *see* Chu Hwan Yim
Yim Chung-Hyuk *see* Chung-Hyuk Yim
Yim Dong-Gyu *see* Dong-Gyu Yim
Yim Jaegeol, Lee Gyeyoung, Lee Taekyung A study on improving efficiency of FPN 442
Yim Joon-Seo *see* Joon-Seo Yim
Yim Joonseo *see* Joonseo Yim
Yim Kangbin *see* Kangbin Yim
Yim Yong Tae *see* Yong Tae Yim
Yim Zung Kon *see* Zung Kon Yim
Yimer, B., Adami, M. Parametric study of phase change thermal energy storage systems for space application 28573
Yimin He *see* He Yimin
Yimin Jiang *see* Kunrong Wang 60854
Yimin Li *see* Yiqiu Wang 48306
Yimin Qiao *see* Qiao Yimin
Yimin Zhang *see* Zhang Yimin
Yimin Zhao *see* Zhao Yimin
Yin, G., Kelly, P.A., Wei-Bo Gong Convergence analysis of a digital diffusion network 46145
Yin, G. *see* L'Ecuyer, P. 30580
Yin, G. *see* Ye, Y. 54477
Yin, G.Y. *see* Barty, C.P.J. 13910
Yin, G.Y. *see* Jain, M. 14273
Yin, G.Z. *see* Loewenhardt, P.K. 54478
Yin, H. *see* Singler, T.J. 30316
Yin, J., Nomizu, S., Matusda, J.-I. Reconstruction of three-dimensional magnetic stray fields for magnetic heads using reflection electron beam tomography 55060
Yin, J. *see* Abel, R.J.R. 52395
Yin, J. *see* Nomizu, S. 7531
Yin, J.Z. *see* Feldman, A. 49731
Yin, K.-M. *see* Ramasubramanian, M. 30853
Yin, S., Zhang, J., Yu, F.T.S., Jutamulia, S., Lou, D.Y., Fedors, R. Tunable narrowband filter using single crystal photorefractive fiber 55208
Yin, S. *see* Li, S. 20880
Yin, S.C., Su, C.C., Shiue, M.T., Huang, L.Y., Wang, C.K., Jou, S.J., Way, W.I. A new VSB modulation technique and shaping filter design 7074
Yin, W.Y., Wan, W., Wang, W.B. Mode bifurcation and attenuation in circular Faraday chirowaveguide–summary 4329
Yin, W.Y., Zhao, H.L., Wan, W. Parametric study on the scattering characteristics of two impedance cylinders eccentrically coated with Faraday chiral materials 24461
Yin, X. *see* Zhang, Y. 32229
Yin, Y., McKenzie, D.R. Electric field control of plasma and macroparticles in cathodic arc deposition as a practical alternative to magnetic fields in ducts 10849
Yin, Y., McKenzie, D.R., McFall, W.D. Cathodic arc deposition of solar thermal selective surfaces 9566
Yin, Y. *see* Li, G. 13770
Yin, Z., Akkerman, Z., Yang, B.X., Smith, F.W. Optical properties and microstructure of CVD diamond films 41882
Yin Aie *see* Aie Yin
Yin Bo *see* Zhou Yaqin 36957
Yin Chan *see* Shang-Hung Lin 25763
Yin Chunyong, Xie Guangping, Cheng Xiangyin Measurement method of the rolling angle [using Faraday cell] 17787
Yin Chunyong *see* Guo Jihua 7115
Yin Fang-Fang *see* Fang-Fang Yin
Yin Heling *see* Zhou Huaichun 50771
Yin Hong *see* Dai Wenmin 23375
Yin Hongcheng, Deng Shuhui, Ruan Yingzheng, Xiao Zhihe, Huang Peikang On the conditions for obtaining angular glint by backscattering echo relative phase 16850
Yin Hongcheng *see* Hongcheng Yin
Yin Hu, Teng, C.W., Houston, T.W., Joyner, K., Aton, T.J. Design and performance of SOI pass transistors for 1 Gbit DRAMs 1358
Yin Jianping *see* Jianping Yin
Yin Jingjiang, Qi Huang, Zhou Junming, Yin Jingou Effect of growth temperature on the orientation of CdTe on GaAs prepared by molecular beam epitaxy 54098
Yin Jingjiang *see* Jingjiang Yin
Yin Jingou *see* Yin Jingjiang 54098
Yin Jingou *see* Jingou Yin
Yin Lei *see* Lei Yin
Yin Pinglin *see* Chen Lijun 50447
Yin Qi Huai *see* Qi Huai Yin
Yin Shi *see* Shi Yin
Yin Shizhuo *see* Shizhuo Yin
Yin Shu-Zhi *see* Xu Hu-Shan 18113
Yin Tianxiao *see* Tianxiao Yin
Yin Wei-Ming *see* Wei-Ming Yin
Yin Weiyi *see* Liu Naian 46880
Yin Wenyan *see* Tian Feng 55988
Yin Wenyan *see* Wenyan Yin
Yin Xia Wu *see* Xia Wu Yin
Yin Xianggen *see* Su Hongbo 50896
Yin Yaozu *see* Yaozu Yin
Yin Yingzen *see* Zheng Huili 14742
Yin Yuan-Zhao *see* Yuan-Zhao Yin
Yin Yuen Shiu *see* Shiu Yin Yuen
Yin Yung-Chang *see* Yung-Chang Yin
Yin Zhenliang *see* Wang Huiqiang 47066
Yin Zhiyu, Tie Wei, Liu Yunlong, Ai Bo, Chen Junliang Implementation of intelligent network service logic 47253
Yin Zhonghang, Ma Haichao, Mao Erke, Han Yueqiu A real time tracking algorithm with position and rate measurements 56540
Yin Zongmin *see* Li Xinwan 41395
Yin-Jun Wang *see* Wang Yin-Jun
Yin-Liang Yuan, Ya-Wei Wang, Bai-Qiang Xu Research on improving of the method of testing tensile strength of material by 3-D image 35157
Yin-Lin Xu *see* Xu Yin-Lin
Yin-Ming Zhu *see* De-Man Wang 24421
Yin-Peng Ma *see* Ma Yin-Peng
Yin-Ting Lin *see* Zhibin Lei 46050
Yin-Tsung Hwang, Ching-Long Sue A new design approach and VLSI implementations of recursive digital filters 1618
Yin-Tsung Hwang, Ching-Long Su Parallel and pipelined architecture designs for distributed arithmetic-based recursive digital filters 31285
Yin-Xiu Li, Gen, M. Nonlinear mixed integer programming problems using genetic algorithm and penalty function 21098
Yinchao Chen, Mittra, R., Harms, P., Beyene, W. A technique for deriving the equivalent circuit of an SOP package using the FDTD in conjunction with TOUCHSTONE 39817
Yinchao Chen *see* Ming-Sze Tong 56013
Yindeepol, W. *see* Brown, K.C. 54824

Ying, C.D., Hong, T.G. Fabrication of the metal tip cathode arrays for field emission 22165
Ying, C.J., Chiang, H.-C., Moses, R.L., Potter, L.C. Complex SAR phase history modeling using two dimensional parametric estimation techniques 6899
Ying, H., Ankang, Z. A study on ultrahigh frequency polysilicon emitter bipolar transistors 22785
Ying, J., de Oliveira, M.M., Ekstrom, A., Long, W.F. Digital simulation of advanced static VAr compensator with EMTP and verification 19203
Ying, J.L., Chua, S.W., Tan, K.S. Automatic testing system for calibration of ac/dc transfer standards 27355
Ying, J.Y. *see* Trudeau, M.L. 11841
Ying, S.J. *see* Pace, P.E. 3446
Ying, T.F. *see* Yao, Y.D. 3262
Ying, Y. *see* Elsherbeni, A.Z. 1685
Ying, Z.C. *see* Li, C.M. 1980
Ying Chen, Zhiang Deng, Williamson, C.L. A model for self-similar Ethernet LAN traffic: design, implementation, and performance implications 47151
Ying Chen *see* Arlitt, M.F. 47152
Ying Chen *see* Feng-Zhen Guo 55307
Ying Chen De *see* De Ying Chen
Ying Dan Li *see* Nishizuka, N. 31552
Ying Fei Chen *see* Kojouharov, R. 32925
Ying Feng *see* Feng Ying
Ying Fu *see* Fu Ying
Ying Guey Fuh Andy *see* Andy Ying Guey Fuh
Ying Han *see* Han Ying
Ying Hao *see* Hao Ying
Ying Hong *see* Li Tianyun 38797
Ying Hong *see* Li Tianyun 51076
Ying Huang, Suter, B. A study of refinable function vectors via a nonlinear operator 34948
Ying Huang, Suter, B. Fractional wave packet transform 45916
Ying Huang *see* Huang Ying
Ying Jiang, Ekstrom, F. General analysis of harmonic transfer through converters 51137
Ying Kuo Ming *see* Ming Ying Kuo
Ying Li, Kawai, J., Ebinuma, Y., Fujiwara, Y., Ohki, Y., Tanaka, Y., Takada, T. Space charge behavior under ac voltage in water-treed PE observed by the PEA method 54960
Ying Li *see* Quoc Vu 57228
Ying Li *see* Tik-Bin Oon 35464
Ying Li *see* Li Ying
Ying Liang *see* Hong Luo 53544
Ying Liu Canonical orders and base language of fractals 14817
Ying Liu Nonlinear dynamics and cryptosystem 24680
Ying Liu, Guotong Du, Zhiling Wang, Xiuying Jiang, Xuemei Li, Junfeng Song, Xiaobo Zhang, Dingsan Gao Vertical-cavity surface-emitting laser fabricated by two implantations using tungsten wires as mask 14154
Ying Liu *see* Guotong Du 14189
Ying Liu *see* Yongsheng Zhao 3625
Ying Liu *see* Liu Ying
Ying Lu, Zuying Zhang, Wei Guo Brightness temperature emitted by layered media with nonuniform temperature profile 24445
Ying Lu *see* Lu Ying
Ying Sla *see* Sla Ying
Ying Sun *see* Sun Ying
Ying Tzung-Hua *see* Tzung-Hua Ying
Ying Wu *see* Wu Ying
Ying Xiangtao, Zheng De Computer aided design for SAW pulse compressor 58458
Ying Xiuling *see* Ding Yaogen 53990
Ying Xu, Olman, V., Uberbacher, E.C. A segmentation algorithm for noisy images 15748
Ying Xu, Uberbacher, E.C. 2D image segmentation using minimum spanning trees 25280
Ying Xu *see* Xu Ying
Ying Yang *see* Yang Ying
Ying Zhang *see* Zhang Ying
Ying Zhao *see* LaPre, C. 25395
Ying Zhinong *see* Zhinong Ying
Ying Zhu *see* Li, J.K.-J. 59427
Ying Zhu *see* Zhu Ying
Ying Zou *see* Zou Ying
Ying-Che Fang *see* Roy, U. 20790
Ying-Che Tseng *see* Chin, S.C. 21569
Ying-Chuan Hsiao *see* Pao-Ta Yu 5545
Ying-Dar Lin, Chia-Jen Wu, Wei-Ming Yin PCUP: pipelined cyclic upstream protocol over hybrid fiber coax 35840
Ying-Dar Lin, Horng-Zhu Lai, Yuan-Cheng Lai A hierarchical network storage architecture for video-on-demand services 57991
Ying-Dar Lin, Ren-Kuei Yang, Chi-Chun Lo Alarm correlation for congestion diagnosis in ATM networks 35644
Ying-Dar Lin, Tian-Ren Huang, Yuan-Cheng Lai Characterization and control of highly correlated traffic in high speed networks 47206
Ying-Dar Lin, Wen-Jong Su, Chi-Chun Lo Virtual path management in ATM networks 5736
Ying-Jun Jin *see* White, L.W. 21130
Ying-Keung Leung, Kuehne, S.C., Huang, V.S.K., Nguyen, C.T., Paul, A.K., Plummer, J.D., Wong, S.S. Spatial temperature profiles due to nonuniform self-heating in LDMOS's in thin SOI 12990
Ying-Lan Chang, Cao, R., Spicer, W.E., Pianetta, P., Song Shi, Hu, E., Merz, J. Interaction of hydrogen ions with oxidized GaAs(100) and AlAs(100) surfaces 54072
Ying-Lan Chang, Yi, S.I., Song Shi, Hu, E., Weinberg, W.H., Merz, J. Hydrogen ion treatments of oxidized GaAs(100) and AlGaAs(100) surfaces: surface stoichiometry and electronic properties 2383
Ying-Lang Wang *see* Wei-Tsu Tseng 42537
Ying-Li Tian, Tsui, H.T. Shape from shading for non-Lambertian surfaces from one color image 5079
Ying-Li Tian, Tsui, H.T. 3D shape recovery from two-color image sequences using a genetic algorithm 15567
Ying-Li Tian, Tsui, H.T. Shape recovery from a color image for non-Lambertian surfaces 46016
Ying-Luan Han *see* Chaur-Heh Hsieh 53450
Ying-Moh Liu Plate design and cost of ownership for in-process FPD test systems 48784
Ying-Shieh Kung *see* Taikang Ning 48934
Ying-Tung Hsiao *see* Chih-Wen Liu 50476
Ying-Tung Hsiao *see* I-Sheng Chou 38201
Ying-Wah Wu, Shih-Chun Chang Coding scheme for synchronous-CDMA systems 56336
Ying-Yen Cheng *see* Chia-Chen Hsu 4018
Ying-Yi Hong An educational software package based on expert systems for power system analysis 19149
Ying-Yi Hong An enhanced expert system with fuzzy reasoning for line flow control in power systems 60285
Ying-Yi Hong *see* Hong Ying-Yi
Ying-Yu Chen *see* Chen Ying-Yu
Ying-Yu Tzou, Hau-Jean Hsu, Tien-Sung Kuo FPGA-based SVPWM control IC for 3-phase PWM inverters 51101
Ying-Yu Tzou, Hsing-Chung Yeh DSP-based adaptive repetitive control of a PWM inverter for UPS with very low harmonic distortion 51109
Ying-Yu Tzou, Ming-Fa Tsai, Yuh-Farn Lin, Hwa Wu Dual DSP based fully digital control of an AC induction motor 9627
Ying-Yu Tzou, Shore-Ting Yeh, Hua Wu DSP-based rotor time constant identification and slip gain auto-tuning for indirect vector-controlled induction drives 51665
Ying-Yu Tzou *see* Ming-Fa Tsai 61116
Yingbai Yan *see* Jinhui Zhai 43923
Yingbai Yan *see* Shifu Yuan 13760
Yingbai Yan *see* Wenyi Feng 48415
Yingbin Shao *see* Shao Yingbin
Yingbo Hua, Abed-Meraim, K., Wax, M. Blind system identification using minimum noise subspace 45481
Yingbo Hua *see* Abed-Meraim, K. 25813
Yingbo Hua *see* Qi Cheng 25113
Yingbo Hua *see* Wanzhi Qiu 25818
Yingcai Li *see* Li Yingcai
Yingcai Wang *see* Wang Yingcai
Yingduo Han, Lincheng Xiu, Zhonghong Wang, Qi Chen, Shaohua Tan Artificial neural networks controlled fast valving in a power generation plant 50376
Yingen, X., Wang, D., Guangzhao, Z. Integrated method of stereo matching for computer vision 35264
Yinghua Lui, Junhong Lin, Yougang Gao The surge coupling to transmission lines 34135
Yinghua Min *see* Wong, M.W.T. 40846
Yinghua Min *see* Yingquan Zhou 22925
Yinghua Min *see* Zhuxing Zhao 52941
Yinghua Zou *see* Zou Yinghua
Yinghui Tang *see* Tang Yinghui
Yingjie Li, Feuerstein, M., Reudink, D. Effects of hysterisis level and switching time on the performance of a cellular base station multibeam antenna 4389
Yingjie Li, Feuerstein, N.J., Reudink, D.O. Performance evaluation of a cellular base station multibeam antenna 35998
Yingjie Zhao *see* Zhenghe Feng 53542
Yingjie Zhao *see* Zhao Yingjie
Yingjun Dai *see* Dai Yingjun
Yingjun Gao *see* Gao Yingjun
Yingjun Pan, Yuan Gu, Shanglian Huang Revised scheme of a polarization controller based on a fiber-recirculating delay line 13625
Yinglan Ruan *see* Ruan Yinglan
Yingli Chen *see* Lifu Gong 55258
Yingli Liu *see* Liu Yingli
Yingli Wen, Cinquemani, P.L. Behavior of medium voltage EPR cables designed for operation under high electrical fields 38363
Yingli Wen, Cinquemani, P.L. Performance of reduced wall EPR insulated medium voltage power cables. II. Mechanical characteristics 50592
Yingli Wen *see* Cinquemani, P.L. 50591
Yinglin Song *see* Song Yinglin
Yinglin Yu *see* Zhou Wang 24655
Yingling, C.D. *see* Noss, R.S. 18409
Yingling, J.C., Luo, Z., Sottile, J., Jr. On-line control strategies to minimize peak loads on mine conveyor networks using surge units with variable discharging capability 39479
Yingning Peng *see* Peng Yingning
Yingping Li *see* Toksoz, N.M. 29128
Yingping Zheng *see* Zheng Yingping
Yingquan Zhou, Wong, M.W.T., Yinghua Min Hardware reduction in continuous checksum-based analog checkers: algorithm and its analysis 22925
Yingquan Zhou *see* Wong, M.W.T. 40846
Yingsong Song *see* Song Yingsong
YinGuan Sun *see* Sun YinGuan
Yingxiang Guo *see* Guo Yingxiang
Yingxin Sun *see* Sun Yingxin
Yingxue Li *see* Li Yingxue
Yingyong Qi *see* Ning Bi 34689
Yingyu Deng *see* Zhenhong Zhou 54905
Yingzen Yin *see* Yin Yingzen
Yingzheng Ruan *see* Ruan Yingzheng
Yingzhi Sun, Guanjun Zhai Research of fiber gratings, applications in optical communications 55220
Yingzhu Xi *see* Xi Yingzhu
Yinlin Lu *see* Lu Yinlin
Yinn-Nien Huang, Kang Cheng Solar cycle variations of the equatorial ionospheric anomaly in total electron content in the Asian region 24482
Yinong Ding, Vaccaro, R.J. Determination of data matrix dimensions for subspace-based parameter estimation algorithms 25118
Yinsheng Wang *see* Wang Yinsheng
Yinyi Lin, Tsung-Chieh Ko A modified model-based error diffusion 35115
Yinyi Lin *see* Pi-Hai Liu 4497
Yinyu Ye *see* Andersen, E.D. 30521
Yinzhao Lei *see* Lei Yinzhao
Yioultsis, T.V., Tsiboukis, T.D. Development and implementation of second and third order vector finite elements in various 3-D electromagnetic field problems 44886
Yiourgalis, N., Kokkinakis, G. A TtS system for the Greek language based on concatenation of formant coded segments 4581
Yip, H.T. Integrated generator protection–user benefits 19676
Yip, K. Clock tree distribution 53380
Yip, L., Massingill, T., Naini, H. Moisture sensitivity evaluation of ball grid array packages 207
Yip, M. *see* Lau, F.C.M. 56075
Yip, P. *see* Li, J. 45847
Yip, R.K.K., Ho, W.P. Multi-level based stereo line matching with structural information using dynamic programming 57245
Yip, R.K.K. *see* Chan, T.S. 5356
Yip, R.K.K. *see* Ho, W.P. 5297
Yip, R.Y.-F., Ait-Ouali, A., Bensaada, A., Desjardins, P., Beaudoin, B.M., Isnard, C.L., Brebner, J.L., Currie, J.F., Masut, R.A. Strain and relaxation effects in InAsP/InP multiple quantum well optical modulator devices grown by metal-organic vapor phase epitaxy 33115
Yip, S.T. *see* Yan, F.N. 11209
Yip, T.G., Loh, D. Design of a flexible data acquisition and control system 7221
Yip, T.G. *see* Nadworny, E.B. 334
Yip Hoi-Man *see* Hoi-Man Yip
Yip Wai-Yeung *see* Wai-Yeung Yip
Yipeng Sun *see* Sun Yipeng
Yiping Cui *see* He, G.S. 14050
Yiping Cui *see* He, G.S. 24244
Yiping Cui *see* He, G.S. 33397
Yiping Cui *see* Cui Yiping
Yiping Wang, Cruz, J.R. Performance analysis of CDMA cellular systems with adaptive antenna arrays over multipath channels 6510
Yiping Yao *see* Yao Yiping
Yiping Zeng *see* Dong Pan 7334
Yiping Zeng *see* Zeng Yiping
Yiping Zhang, Kachru, R. Photon-echo novelty filter for measuring a sudden change in index of refraction 13791
Yiqi Zhuang *see* Zhuang Yiqi
Yiqian Yuan *see* Yuan Yiqian
Yiqiang Chen, Mwinyiwiwa, B., Wolanski, Z., Boon-Teck Ooi Regulating and equalizing DC capacitance voltages in multilevel STATCOM 50435
Yiqiang Chen *see* Mwinyiwiwa, B. 29456
Yiqiang Zhao *see* Zhao Yiqiang
Yiqing Zhang *see* Zhang Yiqing
Yiqiu Wang, Yimin Li, Jianhua Gan, Xuzong Chen, Donghai Yang Some considerations on the cesium atomic fountain standard 48306
Yiqiu Wang *see* Donghai Yang 48321
Yiqun Song *see* Song Yiqun
Yirang Yuan *see* Yuan Yirang
Yirga, S. *see* Wang, L. 60307
Yirng-An Chen, Clarke, E., Pei-Hsin Ho, Hoskote, Y., Kam, T., Khaira, M., O'Leary, J., Xudong Zhao Verification of all circuits in a floating-point unit using word-level model checking 31331
Yisheng Yan *see* Yan Yisheng
Yishi Duan *see* Duan Yishi
Yisok Oh An exact evaluation of Kirchhoff approximation for backscattering from a one-dimensional rough surface 34001
Yisok Oh *see* Young-Kyu Sohn 34247
Yisong Dai A precision noise measurement and analysis method used to estimate reliability of semiconductor devices 52335
Yisong Dai *see* Dai Yisong
Yitai Qian *see* Qian Yitai
Yitzchaik, S. *see* Lundquist, P.M. 44727
Yitzhaky, Y., Kopeika, N.S. Identification of blur parameters from motion blurred images 35248
Yiu, K. *see* Anderson, M. 26108

Yiu, P.C.H. *see* Yeung, Y.N.A. 45802
Yiu-Fai Chan *see* Donnelly, K.S. 11610
Yiu-Fai Wong, Tsuhan Chen Compression of medical volumetric data in a video-codec framework 28139
Yiu-Hung Fok, Au, O.C., Chang, C. Bit rate and blocking artifact reduction by iterative pre-distortion 57085
Yiwei Duan *see* Lei Huang 32215
Yiwei Lu *see* Collins, R.W. 39125
Yiwei Zhang, Wehenkel, L., Rousseaux, P., Pavella, M. First- and multi-swing transient stability limits of a longitudinal system using the SIME method 8726
Yixi Xie *see* Xie Yixi
Yixiao Luo *see* Luo Yixiao
Yixin Ni *see* Ming Fang 19176
Yixin Ni *see* Ming Fang 19284
Yixin Ni *see* Ni Yixin
Yixin Yang *see* Yang Yixin
Yixin Yu *see* Yu Yixin
Yixin Zhang *see* Zhang Yixin
Yixin Zhong *see* Youshou Wu 1659
Yiyoung Sun Improved simulation accuracy and reduced design time for electronic ballast designs which incorporate fixed frequency controller ICs 39382
YiZheng Ye *see* Ye YiZheng
Yizhi Gao *see* Gao Yizhi
Yizhi Gu *see* Gu Yizhi
Yizhi Xiong *see* Xiong Yizhi
Yizhu Fu *see* Fu Yizhu
Yizhu Sun *see* Sun Yizhu
Yizhuang Huang *see* Huang Yizhuang
Ylilammi, M. Preparation and analysis of thin film electroluminescent devices 17622
Ylinen, E.T. The basic design of the power station and the electric propulsion system 29812
Ylitalo, J. Synthetic aperture ultrasound imaging using a convex array 28110
Ylostalo, J., Berglund, P., Niinikoski, T.O., Voutilainen, R. Cryogenic temperature measurement for large applications 17855
Ymeri, H.M. On the external field of an ideal toroid with arbitrary cross section 41550
Yngvesson, S. *see* Basco, R. 11735
Yo-Han Lee *see* Bum-Seok Suh 38808
Yo-Han Lee *see* Jae-Hyeong Suh 29378
Yo-Hwan Koh, Jin-Hyeok Choi, Myung-Hee Nam, Ji-Woon Yang Body-contacted SOI MOSFET structure with fully bulk CMOS compatible layout and process 32545
Yo-Jen Wang *see* Yo-Sheng Lin 43010
Yo-Sheng Lin, Shey-Shi Lu The effect of extrinsic capacitances on the microwave performance of $Ga_{0.51}In_{0.49}P$/GaAs MISFETs (0 nm≤t≤10 nm) grown by GSMBE 54631
Yo-Sheng Lin, Tai-Ping Sun, Shey-Shi Lu $Ga_{0.51}In_{0.49}P/In_{0.15}Ga_{0.85}As$/GaAs pseudomorphic doped-channel FET with high-current density and high-breakdown voltage 41446
Yo-Sheng Lin, Yo-Jen Wang, Shey-Shi Lu, Chin-Chun Meng, C. Fabrication and simulation of high-power high-speed $Ga_{0.51}In_{0.49}P$/GaAs airbridge gate MISFET's grown by GSMBE 43010
Yo-Sung Ho *see* Dong-Ho Lee 5021
Yoan Lee Jae *see* Jae Yoan Lee
Yochelson, D. *see* Kalayjian, Z. 1641
Yocom, J. Current developments in fine line flex circuits 1832
Yocom, J. Current developments in fine line flex circuits 41649
Yocom, P.N. Future requirements of display phosphors from an historical perspective 17653
Yocom, P.N., Meltzer, R.S., Jang, K.W., Grimm, M. New green phosphors for plasma displays 17704
Yocom, P.N. *see* Warren, W.L. 44227
Yocoub, S. *see* Gondran, C. 18472
Yocum, P.N. *see* Evans, D.R. 55410
Yoda, H., Ohtera, Y., Hanaizumi, O., Kawakami, S. Analysis of polarization-insensitive tunable optical filter using liquid crystal: connection formula and apparent paradox 55370
Yoda, H. *see* Watarai, H. 17396
Yoda, I., Yamamura, T. ATM network management based on TMN 5938
Yoda, I. *see* Fujii, N. 35599
Yoda, I. *see* Tohjo, H. 5957
Yoda, J. *see* Onae, A. 27820
Yoda, K., Saito, Y. A wavelet transform approach to inverse problems of Vandermonde type systems 44892
Yoda, M. *see* Ueda, T. 29506
Yoda, S. *see* Kawai, A. 966
Yoden, N. *see* Harada, K. 35695
Yoder, M.A. Visual transitions: using multimedia to tie ideas together 20642
Yoder, M.A. *see* McClellan, J.H. 9918
Yoder, M.J., Seliverstov, D. End-to-end laser radar range code for coherent CW lasers 8674
Yoder, P.D. *see* Korner, T.O. 17383
Yodh, A.G. *see* Qi, J. 2241
Yodoshi, K. *see* Uetani, T. 33494
Yoerger, D. *see* Singh, H. 48157
Yoganathan, A.P. *see* Nygaard, H. 28441
Yoguchi, K. *see* Saito, K. 16277
Yoh-Han Pao Dimension reduction, feature extraction and interpretation of data with network computing 15665
Yohanis, Y. *see* Waterfield, P. 51634
Yohannes, T., Solomon, T., Inganaes, O. Polymer-electrolyte-based photoelectrochemical solar energy conversion with poly(3-methylthiophene) photoactive electrode 39082
Yohansson, L.G. *see* Kojouharov, R. 32925
Yoke Lin Tan, Youyi Wang Transient stabilization using adaptive excitation and dynamic brake control 50437
Yokell, L. Convergence strategies [digital networking] 6094
Yoko, T., Hu, L., Kozuka, H., Sakka, S. Photoelectrochemical properties of TiO_2 coating films prepared using different solvents by the sol-gel method 2293
Yokoba, M. *see* Koide, Y. 12517
Yokoda, S. *see* Seniyu, T. 29351
Yokoda, S. *see* Senjyu, T. 9286
Yokoda, S. *see* Senjyu, T. 39261
Yokoda, S. *see* Senjyu, T. 51059
Yokoda, S. *see* Senjyu, T. 60816
Yokogawa, T. *see* Yoshii, S. 54259
Yokohama, I. *see* Asobe, M. 55826
Yokohama, I. *see* Ishibashi, S. 14073
Yokohama, I. *see* Shuto, Y. 33721
Yokohira, T. *see* Michinishi, H. 11415
Yokohira, T. *see* Michinishi, H. 53123
Yokoi, H., Toyoizumi, H., Saito, H., Ohno, Y. A dimensioning method for VPC bandwidth by using the self-sizing 35434
Yokoi, H. *see* Fat'yanov, O.V. 33893
Yokoi, H. *see* Kuma, H. 36817
Yokoi, H. *see* Shioda, S. 46814
Yokoi, K. *see* Aoki, T. 27831
Yokoi, N. *see* Takai, M. 12239
Yokoi, S., Sugai, Y., Matsuuchi, H., Nishiyama, T., Iizuka, Y., Mito, T., Matsuo, T., Ishikawa, A. Internet/facsimile/telephone communication system 16274
Yokoi, S. *see* Katsukawa, H. 58794
Yokoi, T., Suzuki, Y., Hayashi, J. The mold products applied in gas insulating equipments 38674
Yokoi, T. *see* Dementyev, D.V. 37249
Yokoi, T. *see* Shinohara, H. 59402
Yokoi, T. *see* Sumimoto, J. 46690
Yokoi, T. *see* Tanaka, K. 18341
Yokokawa, H., Horita, T., Sakai, N., Dokiya, M., Kawada, T. Thermodynamic representation of nonstoichiometric lanthanum manganite 29616
Yokokawa, H., Horita, T., Sakai, N., Dokiya, M., Van Herle, J., Seung-Goo Kim Phase diagram calculation of the ZrO_2-CeO_2-$YO_{1.5}$ system 51537
Yokokawa, H. *see* Itoh, H. 51547
Yokokawa, H. *see* Kawada, T. 38962
Yokokawa, H. *see* Ota, K. 51503
Yokokawa, H. *see* Rak-Hyun Song 51525
Yokomichi, H. *see* Takeda, K. 55391
Yokomizo, H. *see* Suzuki, S. 49030
Yokomizo, H. *see* Yanagida, K. 7750
Yokomizo, H. *see* Yoshikawa, H. 49102
Yokomizu, Y., Matsumura, T., Henmi, R., Kito, Y. Total voltage drops in electrode fall regions of SF_6 arcs between electrodes of Cu-W, Cu, Fe, Ti, C and W in current range from 10 to 20000 A 9424
Yokomizu, Y. *see* Tanaka, Y. 9425
Yokomizu, Y. *see* Tanaka, Y. 51390
Yokomoto, C. *see* Rizkalla, M.E. 9852
Yokomoto, C.F. *see* Rizkalla, M.E. 20811
Yokoo, A. *see* Takara, H. 14263
Yokoo, H. An improvement in the pointer coding of LZ77 data compression method 34579
Yokoo, K. *see* Kawasaki, S. 18049
Yokoo, Y. *see* Robertson, E.E. 55277
Yokosawa, K., Shinomura, R., Sano, S., Ito, Y., Ishikawa, S., Sato, Y. A 120-MHz ultrasound probe for tissue imaging 59541
Yokosawa, K. *see* Kobayashi, M. 41324
Yokoshi, M. *see* Hara, T. 12810
Yokosuka, H. Photonic sensing components for fiber networks 58367
Yokosuka, M., Imazeki, K. Ferroelectricity and phase relations in the system $Pb(Yb_{1/2}Nb_{1/2})O_3$-$PbZrO_3$ 2934
Yokota, H., Iisaku, S., Asami, T. High-speed processing method of event correlation in network management operations 5995
Yokota, H., Sugai, E., Sasaki, Y. Optical irradiation method for fiber coupler fabrications 55211
Yokota, H. *see* Inoue, W. 47275
Yokota, H. *see* Kawahara, Y. 17108
Yokota, H. *see* Shacham, N. 57621
Yokota, H. *see* Tanaka, T. 17072
Yokota, I. *see* Syo, T. 13110
Yokota, M. Analysis of four wave mixing in slab waveguide under the undepleted pump approximation 33723
Yokota, M., Miyamoto, M. Analysis of four wave mixing under the undepleted pump approximation 24147
Yokota, M., Takaishi, S., Yamane, J. Analysis of radiated second-harmonic wave in the grating couplers 23536
Yokota, M. *see* Ezure, H. 50743
Yokota, M. *see* Nishikawa, T. 24043
Yokota, S., Yoshida, K., Otsubo, Y., Edamura, K. A micromotor using a kind of dielectric fluids 38758
Yokota, S. *see* Kikuchi, T. 20969
Yokota, T., Sakitani, A., Egashira, S. Representation and numerical analysis of a stepped-radius antenna by a loaded antenna 45352
Yokota, T. *see* Nakada, K. 60370
Yokota, T. *see* Ujita, H. 60498
Yokota, T. *see* Yamagata, Y. 8966
Yokota, T. *see* Yamagata, Y. 8967
Yokota, W., Fukuda, M., Okumura, S., Arakawa, K., Nakamura, Y., Nara, T., Agematsu, T., Ishibori, I. Performance and operation of a beam chopping system for a cyclotron with multiturn extraction 49266
Yokota, Y., Iwata, A., Yoshida, Y. A study on estimating coding gain of pyramid-type non-orthogonal subband filters 25701
Yokota, Y., Iwata, A., Yoshida, Y. ECG coding by pyramid-type non-orthogonal subband filter 28317
Yokota, Y., Tachibana, T., Miyata, K., Kobashi, K., Shintani, Y. Heteroepitaxial diamond growth on platinum (111) by Shintani process 30762
Yokota, Y., Usui, S. A method for estimating coding gain of orthogonal wavelet transform considering higher order statistic 25296
Yokota, Y. *see* Chujo, T. 37284
Yokotani, A. *see* Oda, M. 21342
Yokotani, A. *see* Takezoe, N. 10963
Yokotani, T., Ichihashi, T. A proposal of flow control mechanism for multicast ABR and its performance 26141
Yokotani, T., Ichihashi, T. A proposal of flow control mechanism for multicast ABR and its performance 57819
Yokouchi, H. *see* Baba, R. 7947
Yokouchi, H. *see* Ogura, T. 7948
Yokouchi, J. *see* Takahashi, S. 58306
Yokouchi, K. *see* Sogawa, T. 9707
Yokouchi, N., Yamanaka, N., Iwai, N., Nakahira, Y., Kasukawa, A. Tensile-strained GaInAsP-InP quantum-well lasers emitting at 1.3 μm 14130
Yokouchi, N. *see* Uchiyama, S. 23971
Yokoya, E. Bunchlengthening above threshold in electron storage rings 17905
Yokoya, K. *see* Neuffer, D. 7694
Yokoya, K. *see* Shintake, T. 37131
Yokoya, N. *see* Araki, S. 4946
Yokoya, N. *see* Funayama, R. 5386
Yokoya, N. *see* Ogihara, T. 4503
Yokoya, N. *see* Tatsuno, Y. 5622
Yokoya, N. *see* Tatsuno, Y. 15818
Yokoya, Y. *see* Higuchi, T. 22637
Yokoyama, A. *see* Abe, S. 28594
Yokoyama, A. *see* Kobayashi, T. 38292
Yokoyama, A. *see* Miyata, H. 19352
Yokoyama, A. *see* Mizuno, T. 33247
Yokoyama, A. *see* Nagata, M. 19120
Yokoyama, A. *see* Nagata, M. 28789
Yokoyama, C. *see* Ishii, K. 49323
Yokoyama, C. *see* Kajino, F. 37402
Yokoyama, H., Tamamoto, H. Built-in multiple weighted random testing based on genetic algorithms 11410
Yokoyama, H. *see* Hartanto, A. 8265
Yokoyama, H. *see* Kurita, H. 55714
Yokoyama, H. *see* Wakamatsu, T. 33266
Yokoyama, J. *see* Toyohara, A. 47983
Yokoyama, K. *see* Fukano, H. 23958
Yokoyama, K. *see* Hirono, T. 42184
Yokoyama, K. *see* Huang, W.P. 23553
Yokoyama, K. *see* Inoue, T. 37062
Yokoyama, K. *see* Ishibashi, K. 19843
Yokoyama, K. *see* Itaya, Y. 26909
Yokoyama, K. *see* Komagata, M. 10952
Yokoyama, K. *see* Lui, W.W. 24548
Yokoyama, K. *see* Lui, W.W. 33074
Yokoyama, K. *see* Lui, W.W. 44055
Yokoyama, K. *see* Skimoyama, T. 30576
Yokoyama, K. *see* Yamanaka, T. 23570
Yokoyama, K. *see* Yamanaka, T. 33127
Yokoyama, M., Watanabe, A., Takahashi, H. A fast adaptive Volterra filter 45874
Yokoyama, M. *see* Chun Hsing Liu 776
Yokoyama, M. *see* Katsume, T. 13799
Yokoyama, M. *see* Kondo, K. 12826
Yokoyama, M. *see* Masu, K. 2435
Yokoyama, M. *see* Shimoma, I. 48386
Yokoyama, M. *see* Su, S.H. 40526
Yokoyama, M. *see* Su, S.H. 55440
Yokoyama, M. *see* Wang, C.W. 44270
Yokoyama, M. *see* Wang, C.W. 44271
Yokoyama, N., Imamura, K., Takatsu, M., Mori, T., Adachihara, T., Sugiyama, Y., Sakuma, Y., Tackeuchi, A., Muto, S. Resonant tunnelling hot electron transistors: present status and future prospects 12905
Yokoyama, N. *see* Awano, Y. 22393
Yokoyama, N. *see* Futatsugi, T. 13029
Yokoyama, N. *see* Horiguchi, N. 42195
Yokoyama, N. *see* Horiguchi, N. 54219
Yokoyama, N. *see* Nakajima, A. 41151
Yokoyama, N. *see* Nakajima, A. 43145
Yokoyama, N. *see* Shoji, H. 44578
Yokoyama, N. *see* Shoji, K. 1356
Yokoyama, N. *see* Torii, K. 55001
Yokoyama, N. *see* Wada, H. 60893
Yokoyama, N. *see* Yoshida, C. 12349
Yokoyama, R., Ito, K. Operational strategy of a cogeneration system under a complex utility rate structure 38603
Yokoyama, R., Ito, K. A revised decomposition method for MILP problems and its application to operational planning of thermal storage systems 38604

Yokoyama, R., Ito, K., Matsumoto, Y. Optimal multistage expansion planning of a gas turbine cogeneration plant 29108
Yokoyama, R., Niimura, T. Thermal generating unit maintenance scheduling by multi-stage application of simulated annealing 29073
Yokoyama, R. *see* Fujita, T. 30534
Yokoyama, R. *see* Ito, K. 50789
Yokoyama, R. *see* Kermanshahi, B. 8875
Yokoyama, R. *see* Lai, L.L. 50426
Yokoyama, R. *see* Lai, L.L. 50661
Yokoyama, R. *see* Niimura, T. 19434
Yokoyama, S., Goto, H., Miyamoto, T., Ikeda, N., Shibahara, K. Atomic layer controlled deposition of silicon nitride and in situ growth observation by infrared reflection absorption spectroscopy 54451
Yokoyama, S. *see* Iji, M. 11849
Yokoyama, S. *see* Ito, Y. 2908
Yokoyama, S. *see* Ito, Y. 52748
Yokoyama, S. *see* Maeda, J. 55475
Yokoyama, S. *see* Nakada, K. 60370
Yokoyama, S. *see* Shibahara, K. 43064
Yokoyama, S. *see* Ushikubo, M. 52750
Yokoyama, T., Kunihisa, T., Nishijima, M., Yamamoto, S., Nishitsuji, M., Nishii, K., Nakayama, M., Ishikawa, O. Low current dissipation pseudomorphic MODFET MMIC power amplifier for PHS operating with a 3.5 V single voltage supply 31528
Yokoyama, T., Miki, N., Ogawa, Y. On construction method of 3-D modeling of vocal tract shape 15824
Yokoyama, T., Wu, H., Yachida, M. Automatic detection of facial feature points and contours 25790
Yokoyama, T. *see* Horiba, S. 1359
Yokoyama, T. *see* Kawamura, A. 39326
Yokoyama, T. *see* Kawamura, A. 51747
Yokoyama, T. *see* Mori, H. 37762
Yokoyama, T. *see* Yoshida, A. 1175
Yokoyama, Y. *see* Kozma, R. 38466
Yokoyama, Y. *see* Nakanishi, T. 36706
Yokoyama, Y. *see* Yamazaki, K. 20445
Yokozawa, M. *see* Miyamoto, T. 58547
Yokozawa, O. *see* Nawa, M. 17802
Yokozeki, S. *see* Arai, Y. 15435
Yokozeki, S. *see* Arai, Y. 46123
Yokozeki, S. *see* Asano, A. 25530
Yokozeki, S. *see* Asano, A. 44167
Yokozeki, S. *see* Asano, A. 56929
Yokozuka, T., Ishikawa, T., Baba, E., Yoshiwara, S., Mihata, Y. Characteristics of two-speed capacitor motors with series-connected windings 29308
Yolkin, G. *see* Gaigerov, B. 27332
Yom, S.S., Wang, C.H. Surface morphology of $PbTiO_3$ thin films grown by MOCVD 21352
Yom, S.S., Wang, C.H., Yong Tae Kim Formation of circular-shaped crystalline phases embedded in amorphous $PbTiO_3$ thin films grown by MOCVD 52797
Yom, S.S. *see* Kim, E.K. 52792
Yoma, N.B., McInnes, F., Jack, M. Lateral inhibition net and weighted matching algorithms for speech recognition in noise 4596
Yoma, N.B., McInnes, F., Jack, M. Robust speech pulse detection using adaptive noise modelling and non-stationarity measure 45675
Yon Ryu Jai *see* Jai Yon Ryu
Yon-Dae Yang *see* Een-Kee Hong 47664
Yon-Dohn Chung, Yoon-Joon Lee, Myoung-Ho Kim A broadcasting data organization scheme for mobile computing 26227
Yona, Z. *see* Givens, G. 18638
Yoneda, C. *see* Wang, J.W. 49051
Yoneda, D. *see* Miyashita, E. 23374
Yoneda, E.S. *see* Kashima, T. 32938
Yoneda, H. *see* Sasaki, A. 13961
Yoneda, I. *see* Kanai, H. 22646
Yoneda, I. *see* Noda, A. 26736
Yoneda, K. Optimal number of digits to report 7119
Yoneda, M., Arai, F., Fukuda, T., Miyata, K., Naito, T. Multimedia tele-operation of crane system supported by interactive adaptation interface 26372
Yoneda, M. *see* Ogino, S. 54465
Yoneda, N., Miyazaki, M., Nishino, T., Asao, H., Nakaguro, H., Betsudan, S. Analysis of circular-to-rectangular waveguide T-junction using mode-matching technique 45348
Yoneda, T., Shibayama, A., Nanya, T. Verification of asynchronous logic circuit design using process algebra 41092
Yoneda, T. *see* Harada, S. 12635
Yoneda, Y. *see* Ueshima, M. 1360
Yoneda Ko *see* Ko Yoneda
Yonehara, H. *see* Ego, H. 37045
Yonehara, T. *see* Kumomi, H. 52642
Yonehara, T. *see* Sakaguchi, K. 42353
Yonekawa, I. ITER control and data acquisition system 36442
Yonekura, T. *see* Takemata, K. 8317
Yonekura, Y., Ishida, Y., Magata, Y., Miyake, Y., Hayashida, K., Ishizu, K., Okazawa, H., Kudo, T., Higashi, T., Tamaki, N., Kasagi, K., Konishi, J. Clinical value of positron emission tomography (PET) using automated production system of oxygen-15 water 59475
Yonekura, Y. *see* Kawabata, K. 60038
Yonemori, H. *see* Kambe, A. 51302
Yonemori, H. *see* Michihira, M. 19847
Yonemoto, T. *see* Ohtaka, T. 191
Yonemura, M. *see* Zhang, T. 3973
Yonemura, M. *see* Zhang, T. 33470
Yonemura, N., Fukuda, M., Shigi, T. Heat analysis on insulated metal substrates 10134
Yonemura, N., Fukuda, M., Shigi, T. Heat analysis on insulated metal substrates [power electronics] 31093
Yonemura, N. *see* Fukuda, M. 11187
Yonemura, N. *see* Saitoh, T. 11186
Yonemura, S. *see* Tsuchiya, H. 30763
Yonenaga, I., Sumino, K., Niwa, E., Masumoto, K. Characterization of native dislocations in chalcopyrite $AgGaS_2$ by X-ray topography 2097
Yonenaga, K., Aisawa, S., Takachio, N., Iwashita, K. Reduction of four-wave mixing induced penalty in unequally spaced WDM transmission system by using optical DPSK 6748
Yonetani, H. *see* Kawamura, H. 3670
Yonetsu, C. *see* Sasajima, M. 35652
Yoneyama, A. *see* Nakajima, Y. 57360
Yoneyama, K. *see* Ohtomo, N. 7872
Yoneyama, M. *see* Honda, K. 58552
Yoneyama, M. *see* Iwano, Y. 46483
Yoneyama, M. *see* Otsuji, T. 31210
Yoneyama, M. *see* Sano, E. 3651
Yoneyama, M. *see* Takeuchi, H. 55290
Yoneyama, M. *see* Yuasa, K. 46493
Yoneyama, T., Honjo, K. Recent advance of millimeter wave technology in Japan 21954
Yoneyama, T., Kamiyama, T., Izawa, K. Legibility evaluation of displayed characters using a measure of detectability of pictorial pattern 46080
Yoneyama, T. *see* Kuroki, F. 26491
Yoneyama, T. *see* Maitelli, A.L. 59748
Yoneyama, T. *see* Watanabe, Y. 10133
Yonezaki, T., Shikano, K. Entropy coded vector quantization with hidden Markov models 24814
Yonezawa, E. *see* Watanabe, Y. 13176
Yonezawa, R., Takahashi, T., Chiba, I., Katagi, T. Beam pointing method in a deployable phased array antenna for space use 56200
Yonezawa, R. *see* Takahashi, T. 56202
Yonezawa, S. *see* Torazawa, K. 44121
Yonezawa, T., Sugiyama, T., Hidaka, I. Development of a 1000 kV SF_6 gas circuit breaker 51379
Yonezawa, T. *see* Horinouchi, K. 38895
Yonezawa, T. *see* Ito, Y. 2908
Yonezawa, T. *see* Ito, Y. 52748
Yonezawa, T. *see* Okamoto, K. 41207
Yonezawa, T. *see* Ushikubo, M. 52750
Yonezawa, Y., Akagi, M. Modeling of contextual effects and its application to word spotting 24871
Yonezawa, Y. *see* Araki, H. 36827
Yonezawa, Y. *see* Hashimoto, M. 8168
Yonezawa, Y. *see* Ohtake, N. 37889
Yonezu, H. *see* Shin, J.-K. 55350
Yonezu, H. *see* Takagi, Y. 54062
Yonezu, I. *see* Yano, M. 60988
Yong, A.C. *see* Li, D. 49702
Yong, C.K. *see* Sloan, R. 21871
Yong, K.H. *see* Yeo, S.H. 11895
Yong, S.-H., Snell, C.M., Morris, S.J., Tian, S., Parab, K., Obradovich, B., Morris, M., Tasch, A.F. A Monte Carlo binary collision model for BF_2 implants into (100) single-crystal silicon 12655
Yong, T.-Y., Wang, J. Yield effects of interactions between high polymer forming metal etch processes and post-etch ash processes 43272
Yong, Y.-K. A new storage scheme for the Lanczos solution of large scale finite element models of piezoelectric resonators 23268
Yong Bai Kim *see* Matuszczyk, M. 48767
Yong Beom Cho *see* Yoon Ho Chung 43015
Yong Chen *see* Tredicucci, A. 14271
Yong Chen *see* Chen Yong
Yong Cheng, MacDougal, M.H., Chao-Kun Lin, Dapkus, P.D. Confinement effects of AlAs native-oxide apertures buried in quantum well lasers 44568
Yong Cheng *see* Dapkus, P.D. 33555
Yong Cheng *see* Cheng Yong
Yong Choe Il *see* Il Yong Choe
Yong Chol Lee *see* Tanaka, K. 33378
Yong Chu Hye *see* Hye Yong Chu
Yong Deok Jang *see* Younggyun Kim 7099
Yong Deok Noh Computational algorithm for an M-stage open tandem queue with blocking and feedback operation 30441
Yong Du *see* Du Yong
Yong Gu *see* Gu Yong
Yong Gun Shul *see* Min Woo Park 51544
Yong Guo *see* Guo Yong
Yong Hee Lee *see* Chan Hong Kim 45457
Yong Hee Lee *see* Hyo-Hoon Park 3820
Yong Hee Lee *see* Hyo-Hoon Park 24004
Yong Ho Chin Single-beam collective effects in the KEK B-factory 17954
Yong Ho Kim, Dae Young Kim Modeling of Standard and Poor's 500 data using Kalman filter 56451
Yong Ho Kim, Wook Hyun Kwon, Hong Seong Park Stability and a scheduling method for network-based control systems 47062
Yong Hong Sung *see* Sung Yong Hong
Yong Hoon Kang, Jae Hyung Jang, Hyuk Lee, Sang Kyu Jin Analysis of the diffracted wave from a volume hologram stored with an irregular pattern 44757
Yong Hoon Kim, Kyung Ha Lee, Hyung Jin Choi Performance evaluation of symbol timing recovery for direct broadcasting via satellite 47863
Yong Hoon Lee *see* Woo Jin Oh 15280
Yong Hoon Lee *see* Young-Seog Song 4623
Yong Huang *see* Huang Yong
Yong Hyuk Kim, Kawamura, H., Nawata, M. The effect of Cr_2O_3 additive on the electrical properties of ZnO varistor 43167
Yong Ii Cho *see* Min Woo Park 51544
Yong Il Jun *see* Moung Ho Lee 41596
Yong Jiao *see* Jiao Yong
Yong Kang Byoung *see* Byoung Yong Kang
Yong Keol Kim, Young Sik Baek, Seong Il Jin, Sung Hyun Cho Recovery in a shared disk parallel database system using DFeRAM 55010
Yong Kim *see* Chang-Sik Son 31815
Yong Kim *see* Pill-Soo Kim 44983
Yong Kim *see* Seong-Il Kim 10756
Yong Kim Dong *see* Dong Yong Kim
Yong Kim Sang *see* Sang Yong Kim
Yong Kwan Kim, Rin Chul Kim, Sang Uk Lee Three-dimensional subband coding of an image sequence based on temporally adaptive decomposition 15974
Yong Kwan Park *see* Nuyts, R.J. 26788
Yong Lee Jae *see* Jae Yong Lee
Yong Lee Jeong *see* Jeong Yong Lee
Yong Lee Ki *see* Ki Yong Lee
Yong Lee Moon *see* Moon Yong Lee
Yong Li *see* Li Yong
Yong Li Zhi *see* Zhi Yong Li
Yong Liang *see* Liang Yong
Yong Lin *see* Lin Yong
Yong Ling Wang *see* Da Zhi Sun 2900
Yong Liu *see* Liu Yong
Yong Lu, Nathan, A. Metglas thin film with as-deposited domain alignment for smart sensor and actuator applications 43632
Yong Lu *see* Bhatnagar, Y.K. 13154
Yong Moon Sang *see* Sang Yong Moon
Yong Ohm Woo *see* Woo Yong Ohm
Yong Park Chan *see* Chan Yong Park
Yong Qiang Li, Salama, A.T., Seufert, M., Schvan, P., King, M. Design and characterization of sub-micron BiCMOS compatible high-voltage NMOS and PMOS devices 23020
Yong Qiu *see* Qiu Yong
Yong Rae Kwon *see* Jeong Hun Choi 47306
Yong Rui, She, A.C., Huang, T.S. Automated region segmentation using attraction-based grouping in spatial-color-texture space 56723
Yong Seok Kang, Yong Tae Yim, Sungho Kang An efficient path-delay fault simulator for mixed level circuits 11398
Yong Seong Pyong *see* Pyong Yong Seong
Yong Shen, Bo-Ling Xu, Jia-Zheng Sha, Geddes, E. Comments on "An introduction to bandpass loudspeaker systems" [with reply] 48271
Yong Shi, Heeseok Lee A binary integer linear program with multi-criteria and multi-constraint levels 30511
Yong Shi *see* Heeseok Lee 16187
Yong Sim Yoo, Chul Woong Park, Jae Won Hahn Detection of the endpoint in the SiO_2/Si etching process by using a two-color emission spectroscopic method 54405
Yong Soo Cho *see* Ki Hyun Yoon 2274
Yong Soo Cho *see* Won Gi Jeon 3223
Yong Soo Choi, Hong Goo Kang, Dae Hee Youn A fast VSELP speech coder based on mutually orthonormal regular pulse vectors 15056
Yong Suk Yang, Su Jae Lee, Byung Gyu Chae, Heung Jin Joo, Seong Hun Kim, Min Su Jang Preparation and ferroelectricity of Sr-modified lead zirconate titanate thin films prepared by the sol-gel method 23177
Yong Suk Yang, Su Jae Lee, Seong Hyun Kim, Byung Gyu Chae, Min Su Jang Sr-modified lead zirconate titanate thin film capacitors 43586
Yong Suk Yang *see* Byung Gyu Chae 23176
Yong Sun, Miyasato, T., Wigmore, J.K. Possible origin for (110)-oriented growth of grains in hydrogenated microcrystalline silicon films 40599
Yong Sung Gun *see* Gun Yong Sung
Yong Surk Lee, Joh, P., Jae Hee You, Kyu Tae Park Fast and gate-count efficient arithmetic logic unit 1233
Yong Surk Lee, Tae Young Lee, Kyu Tae Park A novel PE-based architecture for lossless LZ compression 31348
Yong Tae Kim Achievement of zero temperature coefficient of resistance with RuO_2 thin film resistors 21983
Yong Tae Kim, Chang Woo Lee Advantages of RuO_2 bottom electrode in the dielectric and leakage characteristics of $(Ba,Sr)TiO_3$ capacitor 23174
Yong Tae Kim *see* Yom, S.S. 52797
Yong Tae Yim *see* Yong Seok Kang 11398
Yong Taek Jeoung *see* Byung Kwon Song 30776
Yong Taek Jeoung *see* Myung Soo Han 30779
Yong Tan Liu *see* Zhixin Zhou 50045
Yong Up Lee, Jinho Choi, Iickho Song, Seong Ro Lee Distributed source modeling and direction-of-arrival estimation techniques 45940
Yong Up Lee, Seong Ro Lee, Hyung Myung Kim, Song, I. Estimation of direction of arrival for angle-perturbed sources 34736
Yong Wang *see* Wang Yong
Yong Xie *see* Xie Yong

Yong Xinyang, Cai Xiyao, Chen Ping Comparison of six methods for requirements description 36257
Yong Xu *see* Xu Yong
Yong Xue, Lawrence, S.P., Llewellyn-Jones, D.T. On the net long-wave radiation determination from satellite data 8386
Yong Yan Mass flow measurement of bulk solids in pneumatic pipelines 29751
Yong Yook-Kong *see* Yook-Kong Yong
Yong Yoon-Joong *see* Yoon-Joong Yong
Yong Zhang *see* Millunchick, J.M. 40384
Yong Zhang *see* Zhang Yong
Yong Zhao, Boxiang Wang, Wei Zhao, Lida Dong Applying incompletely connected feedforward neural network to ambulatory ECG data compression 37799
Yong Zhao *see* Zhao Yong
Yong Zhu, Daofan Zhang, Xiaojuan Niu, Xing Wu High efficiency self-pumped phase conjugation from 45°-cut Ce:$BaTiO_3$ 24103
Yong-Bae Jung *see* Chang-Eob Kim 50981
Yong-Bin Kim, Chen, T. Assessing merged DRAM/logic technology 1298
Yong-Bin Kim, Chen, T. Clock skew on DRAM/logic merged technology based systems 1300
Yong-Bin Kim, Chen, T. A CMOS delayed locked loop (DLL) for reducing clock skew to under 500 ps 40841
Yong-Bum Lee *see* Jaiwan Cho 46021
Yong-Cheng Liu *see* Canann, S.A. 40265
Yong-Cheol Kang *see* Sang-Hee Kang 50622
Yong-Ching Lim *see* Chee-Kiang Goh 1585
Yong-Choon Ra *see* Cheol-Jin Lee 23692
Yong-Da Sun *see* Sun Yong-Da
Yong-Deok Shin *see* Yi-Kug Kang 27443
Yong-Gyoo Kim, Kee Sool Gam, Jeong Hoon Lee The thermoelectric inhomogeneity of palladium wire 48465
Yong-Han Yoon, Jae-Chul Kim, Chan-Soo Chung, Hee-Ro Kwak, Dong-Jin Kweon On-line estimation of partial discharge location in power transformer 38767
Yong-Han Yoon *see* Seong-Gon Kong 60973
Yong-Hee Lee *see* Hyun-Eoi Shin 3899
Yong-Hee Lee *see* Lott, J.A. 55423
Yong-Hee Lee *see* Young-Gu Ju 44522
Yong-Hoon Lee, Myung-Ju Kang, Chi-Geun Han A genetic algorithm for obtaining a near-optimal solution in rural postman problem 10310
Yong-Hyon Cho *see* Dong-Hoon Han 25349
Yong-Jae Lee, Seek-Ho Kang, Kukjin Chun Micromachined self-aligned microlens (SAM) for microcolumn electron beam 42864
Yong-Jian Zheng, Bhanu, B. Adaptive object detection based on modified Hebbian learning 15531
Yong-Jian Zheng, Bhanu, B. Adaptive object detection from multisensor data 25497
Yong-Jing Wang, Zhuanyun Guo, Zhiguo Meng, Yanxin Zhang, Teiqun Zhang, Shaozhen Xiong Transmissive liquid crystal light valve for parallelism optical thresholding operation 13739
Yong-joo Chung *see* Dong-wan Tcha 36019
Yong-Jun Cho, Young-Taek Song, Young-Cheol Kim, Jeoung-Chill Shim, Seok-Kyoung Hong, Sun-Ung Kim, Mann-Jang Park Computer simulation of composition profile in the epitaxial $Hg_{1-x}Cd_xTe$ by LPE 30775
Yong-Jun Wu, Da-Cheng Li, Mang Cao, Yue-Chuan Lu In-process laser diode heterodyne profilometer with moving-coil objective lens 33781
Yong-Kang Guo *see* Guo Yong-Kang
Yong-Kuan Zhao *see* Zhao Yong-Kuan
Yong-Kuk Lee, Bong-Chool Suk, Hak-Il Kim, Jae-Kyung Oh Bathymetry and side scan imagery of SeaBeam 2000 multi-beam echo sounder on the Eastern Ulleung basin, East Sea of Korea (Japan Sea) 50123
Yong-Kwan Lee, Byung-Hak Cho, Sang-Joon Kim, Joung-Eun Park KEPKO's 3-pack simulator development plan 8724
Yong-Kwan Park *see* Jae-Hyung Lee 51596
Yong-Kweon Kim *see* Jong-Woo Shin 13178
Yong-Kweon Kim *see* Sang-Wook Lee 36851
Yong-Kweon Kim *see* Seok-Whan Chung 13158
Yong-Kweon Kim *see* Seok-Whan Chung 44149
Yong-Lin Lai *see* Chun-Yi Chai 54253
Yong-Lu You *see* You Yong-Lu
Yong-Lun Luo *see* Luo Yong-Lun
Yong-Min Ha *see* Jae-Ik Woo 12981
Yong-Ming Liu *see* Shaw, M.T. 13270
Yong-Moo Chae *see* Myong-Hee Lee 50623
Yong-Moo Kwon *see* Hyoung-Gon Kim 1498
Yong-Nam Koh *see* Tae-Sung Jung 1329
Yong-Nam Koh *see* Young-Joon Choi 1403
Yong-Oak Jin *see* Young-Il Kim 6497
Yong-Pil Seo *see* Myong-Hee Lee 50623
Yong-Qing Cheng *see* Syeda-Mahmood, T.F. 5587
Yong-Qing Li, Edwards, P.J., Lynam, P., Cheung, W.N. Quantum-correlated light from transverse junction stripe laser diodes 14142
Yong-Sang Kim, Kwon-Young Choi, Min-Koo Han A study of hydrogenation effects on low-temperature processed and high-temperature processed poly-Si thin film transistors 43012
Yong-Sang Kim *see* Kwon-Young Choi 22795
Yong-Seok Kang, Jong-Cheol Lee, Sungho Kang Parallel BIST architecture for CAMs 21664
Yong-Seok Yoon *see* Sung-Hark Chung 26882
Yong-Soo Cho *see* Dae-Sun Oh 3202
Yong-Su Seo *see* Young-Choon Kim 15677
Yong-Suk Kim, Kyu-Phil Han, Eung-Joo Lee, Yeong-Ho Ha Robust 3-D depth estimation using genetic algorithm in stereo image pairs 57064
Yong-Suk Kim *see* Young-Sik Park 57061
Yong-Sun Yoon, Kyu-Ha Baek, Kee-Soo Nam CMOS device with self-aligned source/drain using amorphous silicon local interconnection layer 43256
Yong-Sung Chung, Seung-Youp Han, Yearn-Ik Choi, Sang-Koo Chung Closed-form analytical expressions for the breakdown voltage of GaAs parallel-plane p*n junction in ⟨100⟩, ⟨110⟩ and ⟨111⟩ orientations 2130
Yong-Sung Jin *see* Sang-Yun Yi 44715
Yong-Sung Kim, Whoi-Yul Kim An efficient image data format for lossless compression and its application to interactive viewing 59384
Yong-Tae Do *see* Seog-Hwan Yoo 41284
Yong-Taek Jeoung *see* Kyung-Ku Choi 32112
Yong-Tai Zhu *see* Zhu Yong-Tai
Yong-Wan Kim, Young-Boong Chung, In-Won Lee Construction and evaluation of a FIR spectral radiance measurement system 17388
Yong-Wan Park *see* Een-Kee Hong 47664
Yong-Woo Lee *see* Nung-Pyo Hong 43445
Yong-Wook Kim *see* Sang-Wook Lee 36851
Yong-Yi Yu, Van Wie, B.J., Koch, A.R., Moffett, D.F., Davis, W.C. Kinetic modeling and analysis of a vesicle system for immunosensor development 58860
Yong-Yoo Kim, Don-Ha Hwang, Jin-Bong Kim, Hee-Gon Kim, Myong-Soo Park, Sang-Joong Lee Novel partial discharge measurement techniques in hydro-generator stator windings 60581
Yong-Yuan Zhu, Nai-Ben Ming The effect of asymmetry of boundary conditions on the properties of acoustic superlattices 60108
Yong-Yuan Zhu, Shi-De Cheng, Nai-Ben Ming Acoustooptic interactions with an acoustic superlattice as a transducer 3495
Yong-Yuan Zhu, Yan-Feng Chen, Shi-Ning Zhu, Yi-Qiang Qin, Nai-Ben Ming Acoustic superlattices and ultrasonic waves excited by crossed-field scheme 3022
Yong-Yuan Zhu *see* Shi-De Cheng 2983
Yong-Yuan Zhu *see* Shi-Ning Zhu 44742
Yong-Yuan Zhu *see* Yan-Feng Chen 32764
Yong-Zhong Wang, Wen-Bing Wang Analysis of the propagation and reflection of a monopulse in layered and lossy media using a multiscale wavelet collocation method 45039
Yongacoglu, A. *see* D'Amours, C. 6474
Yongacoglu, A. *see* Penicaud, M. 47821
Yongacoglu, A. *see* Trabelsi, C. 16556
Yongan Zhang *see* Bingheng Xiang 44790
Yongbiao Qian *see* Qian Yongbiao
Yongchang Gu *see* Gu Yongchang
Yongchang Huang *see* Huang Yongchang
Yongchang Jiao *see* Jiao Yongchang
Yongchang Lin *see* Manqing Tan 33216
Yongchang Lin *see* Lin Yongchang
Yongchang Zhu, Tatsuo Takada, Demin Tu Filamentary surface charging phenomena observed by dynamic surface charge distribution measurement 54893
Yongchang Zhu *see* Itoh, K. 59055
Yongchang Zhu *see* Yamagishi, S. 30986
Yongchang Zhu *see* Yamagishi, S. 59029
Yongchao Shen *see* Shen Yongchao
Yongchao Shi *see* Shi Yongchao
Yongchen Xu, Pelzl, J. Data storage in ferroelectrical films by near-field optical probe 54932
Yongcheng Li, Zhigang Chen, See-Mong Tan, Campbell, R.H. Security enhanced MPEG player 6334
Yongde Wang *see* Wang Yongde
Yongdeak Kim *see* Sangjoong Kim 46303
Yongdong Zhao, San-Qi Li Feedback control of multiloop ABR traffic in presence of CBR/ABR traffic transmission 5790
Yongduek Seo, Ki Sang Hong Sequential reconstruction of lines in projective space 5119
Yongfei Zhu, Desu, S.B., Tingkai Li, Ramanathan, S., Nagata, M. $SrBi_2Ta_2O_9$ thin films made by liquid source metal-organic chemical vapor deposition 52781
Yonggil Kim *see* Sangjoong Kim 46303
Yonggong Sun *see* Sun Yonggong
Yongguang Chen *see* Chen Yongguang
Yongguang Zhang, Son Dao A "persistent connection" model for mobile and distributed systems 46796
Yonggui Li *see* Junbiao Zhu 23223
Yonggui Li *see* Li Yonggui
Yonghao Sun, Kagawa, Y. Identification of electric charge distribution using dual reciprocity boundary element models 44910
Yonghe Hong *see* Hong Yonghe
Yongho Kim, Hyunmin Jo, Deokjung Kim A new peak power tracker for cost-effective photovoltaic power system 29153
Yonghong Bing *see* Duorong Yuan 32982
Yonghong Bing *see* Bing Yonghong
Yonghong Li *see* Li Yonghong
Yonghong Liu *see* Liu Yonghong
Yonghong Yan, Barnard, E. Experiments for an approach to language identification with conversational telephone speech 14982
Yonghong Yan *see* Cole, R.A. 14998
Yonghu Zeng *see* Shunping Xiao 6926
Yonghu Zeng *see* Shunping Xiao 8647
Yonghu Zeng *see* Xuesong Wang 6927
Yonghu Zeng *see* Xuesong Wang 8648
Yonghua Song *see* Woo Wai Lau 13406
Yongjian, Y., Shunji, H., Torre, A. Partially correlated polarimetric K-distribution for multi-look polarimetric SAR images 36215
Yongjin Huaz *see* Huaz Yongjin
Yongjun Im, Youngseok Lee, Sunjoo Wi, Yanghee Choi Delay constrained distributed multicast routing algorithm 46821
Yongjun Song *see* Song Yongjun
Yongjun Xie *see* Xie Yongjun
Yongjun Yang *see* Yang Yongjun
Yongkang Jia *see* Huan Wu 24948
Yongkang Jia *see* Jia Yongkang
Yongkyu Kim *see* Seunghyeon Rhee 56487
Yongle Pan *see* Pan Yongle
Yongliang Wang *see* Wang Yongliang
Yonglin Bai *see* Bai Yonglin
Yonglin Sun, Bow, S.T. Fast wavelet transform for color image compression 57290
Yongmin Jiang *see* Jiang Yongmin
Yongmin Kim *see* Jihong Kim 5513
Yongmin Kim *see* Jihong Kim 21728
Yongmin Kim *see* Jihong Kim 46299
Yongmin Kim *see* Jihong Kim 56503
Yongming Guo, Aizin, G., Chen, Y.C., Linfei Zeng, Cavus, A., Tamargo, M.C. Photo-pumped ZnCdSe/ZnCdMgSe blue-green quantum well lasers grown on InP substrates 44453
Yongming Li *see* Li Yongming
Yongning Peng *see* You He 26961
Yongping Diao *see* Diao Yongping
Yongqi Chen *see* Jianping Lu 2486
Yongqi He *see* He Yongqi
Yongqian Liu, Sang-Gyu Park, Weiner, A.M. Enhancement of narrow-band terahertz radiation from photoconducting antennas by optical pulse shaping 3609
Yongqian Liu, Sang-Gyu Park, Weiner, A.M. Terahertz waveform synthesis via optical pulse shaping 53515
Yongqian Wang *see* Wang Yongqian
Yongqiang Shi, Wenshen Wang, Olson, D.J., Weipin Lin, Bechtel, J.H. Electro-optic polymer modulators: manufacturing, packaging, and testing 23581
Yongqiang Shi, Wenshen Wang, Weiping Lin, Olson, D.J., Bechtel, J.H. Double-end crosslinked electro-optic polymer modulators with high optical power handling capability 44070
Yongqiang Shi *see* Chen, A. 13541
Yongqiang Shi *see* Datong Chen 55306
Yongqiang Shi *see* Wenshen Wang 56214
Yongqiang Sun *see* Letian He 35515
Yongqiang Wang *see* Kaufmann, J. 11751
Yongqiang Wang *see* Kaufmann, J. 27564
Yongqin Xu *see* Xu Yongqin
Yongqing Gong *see* Gong Yongqing
Yongqing Liu *see* Wei Wang 21021
Yongqing Xiang, Raphan, T., Liang, X., Wang, L., Ho, P.P., Alfano, R.R. Image-quality enhancement of objects in turbid media by use of a combined computational-photonics approach 46009
Yongqing Xu *see* Xu Yongqing
Yongquan Lei *see* Weihong Liu 9527
Yongqun Tang *see* Mirfakhraei, N. 5782
Yongrong Dai *see* Dai Yongrong
Yongsam Moon *see* Sungjoon Kim 2820
Yongsheng Gui *see* Gui Yongsheng
Yongsheng Xie *see* Xie Yongsheng
Yongsheng Zhao, Ying Liu, Xiuying Jiang, Zhiling Wang, Baoquan Liu, Jin Xing, Zhongzhe Sun, Xiaobo Zhang, Guotong Du Comparison of two kinds of AlGaAs terraced substrate inner stripe superluminescent diodes 3625
Yongshun Ruan *see* Ruan Yongshun
Yongtang Liu *see* Liu Yongtang
Yongtie Yan *see* Miura, N. 17591
Yongwei Sheng, Zong-Guo Xia A comprehensive evaluation of filters for radar speckle suppression 6890
Yongwha Chung, Jongwook Woo, Nevatia, R., Prasanna, V.K. Load balancing strategies for symbolic vision computations 25452
Yongwha Chung, Prasanna, V.K. An asynchronous parallel algorithm for symbolic grouping operations in vision 15577
Yongwu Wen *see* Wen Junding 53555
Yongxi Qian *see* Radisic, V. 24583
Yongxine Zhang *see* Zhang Yongxine
Yongxing Jin *see* Jin Yongxing
Yongxing Zheng *see* Zheng Yongxing
Yongxuan Hu *see* Hu Yongxuan
Yongyao Xia, Yoshi, M. Studies on the Li-Mn-O spinel system (obtained from melt-impregnation method) as positive electrodes for 4 V lithium batteries. III. Characterization of capacity and rechargeability 29573
Yongyi Cheng *see* Cheng Yongyi
Yongyuan Jiang *see* Xiudong Sun 44754
Yongyuan Jiang *see* Yan Li 44699
Yongyuan Jiang *see* Yan Li 44732
Yongyuan Jiang *see* Zhongxiang Zhou 14309
Yongzai Man *see* Man Yongzai
Yongze Shu *see* Shu Yongze
Yongze Su *see* Jianjiang Zhou 6915

Yongzhang Huang, Miyahara, Y. Simulation on the emittance of the RF gun including the Schottky effect 41747
Yongzhe Zhang *see* Zhang Yongzhe
Yongzhi Liu *see* Yutang Ya 7497
Yongzhi Liu *see* Liu Yongzhi
Yongzhing Xiong *see* Wen Junding 53555
Yongzhong Song On the convergence of the MAOR method 52548
Yongzhong Sun *see* Sun Yongzhong
Yoo, B. *see* Dang, K. 42448
Yoo, B.-S. *see* Chu, H.Y. 3809
Yoo, B.H. *see* Kwon, K.H. 40141
Yoo, C.D. Selective all-pole modeling of degraded speech using M-band decomposition 15075
Yoo, C.D. *see* Lee, T.S. 30312
Yoo, D.-Y. *see* Lee, K.-C. 1396
Yoo, D.J. *see* Shin, H.K. 40637
Yoo, H.J. *see* Kim, D.H. 2491
Yoo, H.J. *see* Shin, H.K. 40637
Yoo, H.S. *see* Lee, S.H. 9243
Yoo, I.J. *see* Baek, J.T. 32092
Yoo, J., Chung, H., Ko, J., Kim, H. Effect of Au and Mg addition to Ag sheath on microstructure and superconducting properties of BSCCO-2223 tapes 13481
Yoo, J. *see* Leight, J.E. 44144
Yoo, J.-H. *see* Lee, K.-C. 1396
Yoo, K.-H., Park, J.C., Park, J.W., Choi, J.B. Fabrication of single-electron tunneling devices 22660
Yoo, K.M. *see* Ching-Yue Wang 55551
Yoo, S.-M. *see* Lee, K.-C. 1396
Yoo, S.-Y., Park, J.-H., Kwark, Y.-M. Experimental study on the local heat transfer characteristics of electronic chips 30292
Yoo, S.D. *see* Edwards, N.V. 41982
Yoo, S.J.B., Caneau, C., Bhat, R., Koza, M.A., Rajhel, A., Antoniades, N. Polarization-independent, multichannel wavelength conversion by difference frequency generation in quasi-phase-matched AlGaAs waveguides 4032
Yoo, S.J.B. *see* Lee, T.P. 58326
Yoo, S.K., Kim, N.H., Song, J.S., Lee, T.H., Kim, K.M. Simple self-tuned notch filter in a bio-potential amplifier 49719
Yoo, S.S., Rodricks, B., Sivananthan, S., Faurie, J.P., Montano, P.A. Synchrotron X-ray photoconductor detector arrays made on MBE grown CdTe 7836
Yoo, S.S. *see* Wijewarnasuriya, P.S. 2305
Yoo, W., Sekiguchi, T., Kobayashi, N., Haga, T. Development of the high resolution angle sensing apparatus by using the sub-micro displacement servo action 17779
Yoo, Y., Ortega, A. Adaptive quantization without side information using scalar-vector quantization and trellis coded quantization 14793
Yoo, Y., Ortega, A., Bing Yu Adaptive quantization of image subbands with efficient overhead rate selection 57248
Yoo, Y.G., Kim, W.T., Yu, S.C., Kim, Y.D. Temperature dependence of magnetization in nanocrystalline Cu-Fe-Co alloys 3143
Yoo, Y.J. *see* Lee, H.J. 56789
Yoo Bum Hou *see* Byung Kwon Song 30776
Yoo Bum Hou *see* Myung Soo Han 30779
Yoo Byueng-Su *see* Byueng-Su Yoo
Yoo Changsik *see* Changsik Yoo
Yoo Chung-Hee *see* Chung-Hee Yoo
Yoo Dong *see* Dong Yoo
Yoo Gwonjong *see* Gwonjong Yoo
Yoo Hea-Yeal *see* Hea-Yeal Yoo
Yoo Hoi-Jun *see* Hoi-Jun Yoo
Yoo Hyuck *see* Hyuck Yoo
Yoo Hyung Joun *see* Hyung Joun Yoo
Yoo Jae Soo *see* Jae Soo Yoo
Yoo Jae-Wook *see* Jae-Wook Yoo
Yoo Jang Hoon *see* Jang Hoon Yoo
Yoo Jei-Hwan *see* Jei-Hwan Yoo
Yoo Ji-Yoon *see* Ji-Yoon Yoo
Yoo Jisang *see* Jisang Yoo
Yoo Ju Hyun *see* Ju Hyun Yoo
Yoo Juhn-Suk *see* Juhn-Suk Yoo
Yoo Kee-Young *see* Kee-Young Yoo
Yoo Kun Ho *see* Kun Ho Yoo
Yoo Kwan-Hee *see* Kwan-Hee Yoo
Yoo Kyung Joun *see* Kyung Joun Yoo
Yoo Kyung-Hwa *see* Kyung-Hwa Yoo
Yoo Sang Dong *see* Sang Dong Yoo
Yoo Sang-Bong *see* Sang-Bong Yoo
Yoo Sang-Shin *see* Sang-Shin Yoo
Yoo Seog-Hwan *see* Seog-Hwan Yoo
Yoo Seung-Moon *see* Seung-Moon Yoo
Yoo Sun Hi *see* Sun Hi Yoo
Yoo Tae-Whan *see* Tae-Whan Yoo
Yoo Tae-Woong *see* Tae-Woong Yoo
Yoo Won Jong *see* Won Jong Yoo
Yoo Woo Sik *see* Woo Sik Yoo
Yoo Yong Sim *see* Yong Sim Yoo
Yoo Young-Seok *see* Young-Seok Yoo
Yoo Youngjun *see* Youngjun Yoo
Yook, J.-G., Chandramouli, V., Katehi, L.P.B., Sakallah, K.A., Arabi, T.R., Schreyer, T.A. Computation of switching noise in printed circuit boards 41578
Yook Jong-Gwan *see* Jong-Gwan Yook
Yook-Kong Yong Third-order Mindlin plate theory predictions for the frequency-temperature behavior of straight crested wave modes in AT- and SC-cut quartz plates 13253
Yool Kwon *see* Hong-Shik Park 47474
Yooming Qin *see* Ciric, I.R. 45072
Yoon, B.D. *see* Kim, E.S. 51301
Yoon, C.J., Chiu Chan, C. Optimization of routing protocol for packet radio networks 60153
Yoon, D. *see* Kim, S. 6648
Yoon, E. *see* Kim, Y.D. 21228
Yoon, G., Epstein, Y. Cycle time improvement in manufacturing nitrided gate oxides for ULSI CMOS applications 42445
Yoon, G.J. *see* Jung, I.H. 40214
Yoon, G.J. *see* Kwon, K.H. 40141
Yoon, H. *see* Cho, K.-H. 46593
Yoon, H. *see* Feiler, D. 30791
Yoon, H. *see* Goorsky, M.S. 37301
Yoon, H. *see* McGregor, D.S. 37313
Yoon, H. *see* Schlesinger, T.E. 37554
Yoon, H. *see* Toney, J.E. 37317
Yoon, H. *see* Van Scyoc, J.M. 7837
Yoon, H.S. *see* Park, J.H. 22689
Yoon, H.S. *see* Sohn, J.M. 22630
Yoon, J.-S., Lee, S.-D., Kim, B.-R. A study on the effect of plasma etching process on the characteristics of MOS devices with N_2O and pure gate oxides 23010
Yoon, J.B. *see* Chang, S.H. 29560
Yoon, J.H., Im, J.S. Excimer-laser crystallization of Si films via bi-directional irradiation of dual-layer films on transparent substrates 12184
Yoon, J.U. *see* Allen, L.P. 12592
Yoon, J.U. *see* Krska, J.-H.Y. 2267
Yoon, J.U. *see* Krska, J.-H.Y. 22462
Yoon, J.W. *see* Jang, G.H. 9260
Yoon, J.Y. *see* Chon, Y.K. 9307
Yoon, K. *see* Lee, J. 1711
Yoon, K.-Y. *see* Iwashige, J. 24496
Yoon, K.H. *see* Cho, J.S. 52758
Yoon, K.H. *see* Song, M.H. 13860
Yoon, M.L. *see* Kim, J.R. 2455
Yoon, P.A. *see* Barlow, J.L. 21150
Yoon, S., Turner, G., Garboushian, V. Thin, lightweight, 18% efficient space silicon solar cell and array 37996
Yoon, S. *see* Garboushian, V. 37991
Yoon, S. *see* Garboushian, V. 39184
Yoon, S.F. Going wireless cuts the cord for GaAs IC technology 43173
Yoon, S.F., Ji, R., Ahn, J. Doping and microwave power effects on the properties of a-SiC:H and μc-SiC:H films prepared using ECR-CVD 30894
Yoon, S.F., Ji, R., Ahn, J. Influence of boron doping on the properties of amorphous and microcrystalline SiC films prepared using ECR-CVD 52785
Yoon, S.F., Ji, R., Ahn, J. Some effects of boron doping in a-SiC:H films prepared by the ECR-CVD method 54351
Yoon, S.F., Ji, R., Ahn, J., Milne, W.I. Microwave power effects on the properties of phosphorus-doped SiC:H films prepared using ECR-CVD 40605
Yoon, S.F., Ji, R., Ahn, J., Milne, W.I. Some effects of boron and phosphorus doping on the properties of SiC:H films prepared using electron cyclotron resonance-chemical vapor deposition 40616
Yoon, S.F., Miao, Y.B., Radhakrishnan, K. Some characteristics of silicon-doped $In_{0.52}Al_{0.48}As$ grown lattice-matched on InP substrates by molecular beam epitaxy 31812
Yoon, S.F., Miao, Y.B., Radhakrishnan, K., Swaminathan, S. Photoluminescence and Raman scattering characterization of silicon-doped $In_{0.52}Al_{0.48}As$ grown on InP (100) substrates by molecular beam epitaxy 10738
Yoon, S.H., Lee, Y.J., Moon, T.H., Ko, Y.H., Hong, D.S., Kang, C.E. A trellis shaping on multi-dimensional constellation 45592
Yoon, S.H. *see* Kim, J.H. 15855
Yoon, S.H. *see* Rao, S.S. 25686
Yoon, S.J. *see* Lee, S.H. 9243
Yoon, S.Y. *see* Lee, J.-W. 32859
Yoon, S.Y. *see* Lee, J.-W. 43682
Yoon, T., Jalali, B. 1 Gbit/s fibre channel CMOS transimpedance amplifier 40936
Yoon, T.-H. *see* Kang, K.H. 6863
Yoon, Y. *see* Park, J. 16048
Yoon, Y.C., Leib, H. Maximizing SNR in improper complex noise and applications to CDMA 25895
Yoon, Y.S. *see* Papageorge, M. 20921
Yoon, Y.T. *see* Ilic, M.D. 60348
Yoon, Y.W., Moon, J.S., Moon, B.M., Ahn, S.K., Jeong, D.K. A study on the architecture and logic block design of FPGA 41096
Yoon Byeong-Nam *see* Byeong-Nam Yoon
Yoon Byoung-Soo *see* Byoung-Soo Yoon
Yoon Byung Sik *see* Byung Sik Yoon
Yoon Byung-Do *see* Byung-Do Yoon
Yoon Byung-Woo *see* Byung-Woo Yoon
Yoon Chan Geun *see* Chan Geun Yoon
Yoon Cheon Byoung *see* Byoung Yoon Cheon
Yoon Dae Sung *see* Dae Sung Yoon
Yoon Dong-Soo *see* Dong-Soo Yoon
Yoon En Sup *see* En Sup Yoon
Yoon Euijoon *see* Euijoon Yoon
Yoon Geun-Young *see* Geun-Young Yoon
Yoon Hee Chang *see* Ki Hyun Yoon 2940
Yoon Hee Soo *see* Hee Soo Yoon
Yoon Heebyung *see* Heebyung Yoon
Yoon Ho Chung, Jong Hwan Kim, Bueong Gyu Roh, Hwan Sool Oh, Yong Beom Cho Hot-carrier effects in sub-micron scaled buried-channel p-MOSFETs 43015
Yoon Hongil *see* Hongil Yoon
Yoon Hwang Seok *see* Seok Yoon Hwang
Yoon Hyung Jin *see* Hyung Jin Yoon
Yoon Hyung-Sup *see* Hyung-Sup Yoon
Yoon Hyunsoo *see* Hyunsoo Yoon
Yoon Ji Taek *see* Ji Taek Yoon
Yoon Joong-Suk *see* Joong-Suk Yoon
Yoon Jun-Bo *see* Jun-Bo Yoon
Yoon Kang Sa *see* Sa Yoon Kang
Yoon Kang-Sik *see* Kang-Sik Yoon
Yoon Ki Hyun *see* Ki Hyun Yoon
Yoon Kihyun *see* Kihyun Yoon
Yoon Kim Byoung *see* Byoung Yoon Kim
Yoon Kim Dong *see* Dong Yoon Kim
Yoon Kwan-Ki *see* Kwan-Ki Yoon
Yoon Kwang Sub *see* Kwang Sub Yoon
Yoon Kwang-Sub *see* Kwang-Sub Yoon
Yoon Kyoung-Ryul *see* Kyoung-Ryul Yoon
Yoon Kyung Choi *see* Jung-Wook Cho 53504
Yoon Kyunghoon *see* Kyunghoon Yoon
Yoon Sang-Baeck *see* Sang-Baeck Yoon
Yoon Sei Seung *see* Sei Seung Yoon
Yoon Seok-Hwan *see* Seok-Hwan Yoon
Yoon Seok-Jin *see* Seok-Jin Yoon
Yoon Shinil *see* Shinil Yoon
Yoon Soo Young *see* Soo Young Yoon
Yoon Soon-Gil *see* Soon-Gil Yoon
Yoon Sung Pil *see* Sung Pil Yoon
Yoon Sung-Hyun *see* Sung-Hyun Yoon
Yoon Tae Hoon *see* Tae Hoon Yoon
Yoon Tae-Hoon *see* Tae-Hoon Yoon
Yoon Uh *see* Jin-Up Kim 47579
Yoon Wan Chul *see* Wan Chul Yoon
Yoon Yeo Hong *see* Yeo Hong Yoon
Yoon Yeong Bae *see* Eun Kee Kim 38543
Yoon Yong-Han *see* Yong-Han Yoon
Yoon Yong-Seok *see* Yong-Seok Yoon
Yoon Yong-Sun *see* Yong-Sun Yoon
Yoon Young-Soo *see* Young-Soo Yoon
Yoon-Hak Bang *see* Myung-Sung Lee 58211
Yoon-Ho Kim, Hoi-Doo Ha Design of interface circuits with electrical battery models 39357
Yoon-Ho Kim, Young-Seok Yoo, Hoi-Doo Ha Interface circuits for regenerative operation of an electric vehicle 51749
Yoon-Ho Kim *see* Byung-Do Yoon 51671
Yoon-Ho Kim *see* In-Tae Kim 32665
Yoon-Ho Song *see* Sung Weon Kang 41768
Yoon-Hwa Choi, Pong-Gyou Lee Concurrent error detection and fault location in a fast ATM switch 57580
Yoon-Joon Lee *see* Yon-Dohn Chung 26227
Yoon-Joong Yong, Jai-Young Lee Characteristics of hydrogenated aluminum nitride films prepared by reactive sputtering and their application to surface acoustic wave devices 32678
Yoon-Sik-Choe *see* Ji-Hyung Kim 56460
YoonHyun Lee *see* JooSung Jun 34220
Yoonkee Kim *see* Stewart, J.T. 13353
Yopshino, T., Takahashi, Y., Gojyuki, M. Imperfection errors in glass block Faraday effect current sensor 58706
Yordanov, O.I. *see* Ivanova, K. 14597
Yordanov, R. *see* Heflin, J.R. 4091
Yordanova-Markova, I.T. *see* Metev, B.S. 52511
Yordi, B., Stainforth, D., Gillett, W., Edwards, H., Gerhold, V., Riesch, G., Blaesser, G. The Commission of the European Communities' (EC) demonstration and THERMIE programmes for photovoltaic (PV) applications 60601
Yorgensen, R.S. *see* Holley, W.H., Jr. 39166
Yorgov, V., Ziapkov, N. Doubly even self-dual [40,20,8] codes with automorphism of an odd order 45594
Yorino, N., Danyoshi, M., Kitagawa, M. Interaction among multiple controls in tap change under load transformers 51070
Yorino, N., Harada, S. A new formulation and its solution method for a maximum loading point in electric power systems 60180
Yorino, N., Harada, S., Haozhong Cheng A method to approximate a closest loadability limit using multiple load flow solutions 50309
Yorino, N. *see* Agbenyo, F.K. 28786
Yorino, N. *see* Komla A., F. 38295
Yorita, A. *see* Taguchi, M. 26565
Yorita, J. *see* Kaminaga, K. 50594
York, B.R., Pfizenmayer, H.L., Lee, C.H., Carnes, R.O. Residual stress and lattice distortion mapping of patterned devices which failed electromigration testing using the microbeam X-ray diffraction (MXRD) technique 42795
York, E.V. *see* Rosenthal, J. 24700
York, E.V. *see* Rosenthal, J. 24744
York, R.A. *see* Alexanian, A. 21976
York-Yih Sun *see* Tsung-Lieh Hsien 50933
Yorke, J.A. *see* Auerbach, D. 3818
Yorke, J.A. *see* Hunt, B.R. 24883
Yorkston, J. *see* Antonuk, L.E. 28253
Yorkston, J. *see* Antonuk, L.E. 59463
Yorkston, J. *see* Siewerdsen, J.H. 28252
Yorozu, M., Okada, Y., Endo, A. Two dimensional rotational temperature measurement by multiline laser induced fluorescence of nitric oxide in combustion flame 7670
Yorozu, S. *see* Ohkoshi, S. 43614
Yoshi, M. *see* Yongyao Xia 29573

Yoshida, A., Nonaka, S., Aoki, I., Nishino, A. Electric double-layer capacitors with sheet-type polarizable electrodes and application of the capacitors 11766
Yoshida, A., Taya, T., Yamaoka, N., Matsumoto, S., Yokoyama, T. A data recovery circuit for burst signal using 440 MHz CMOS direct phase controlled VCO 1175
Yoshida, A. *see* Kuriyama, T. 51873
Yoshida, A. *see* Tsukagoshi, T. 51874
Yoshida, A. *see* Yamaguchi, T. 10869
Yoshida, A. *see* Yoshida, C. 12349
Yoshida, C., Tamura, H., Yoshida, A., Kataoka, Y., Fujimaki, N., Yokoyama, N. Electric field effect in $LaTiO_3/SrTiO_3$ heterostructure 12349
Yoshida, E., Tamura, K., Yamada, E., Nakazawa, M. Femtosecond fiber laser at 10 GHz and its application as a multi-wavelength optical pulse source 33429
Yoshida, E. *see* Hashimoto, T. 22530
Yoshida, F. *see* Iseki, Y. 20267
Yoshida, H., Funaki, A., Yano, S. On the responses and responsive shape control of environmentally responsive composites with embedded Ti-Ni alloy as effector 10984
Yoshida, H., Gonno, Y., Nakano, K., Taniguchi, S., Hino, T., Ishibashi, A., Ikeda, M., Chuang, S.L., Hegarty, J. Gain characteristics of gain-guided II-VI laser diodes 14161
Yoshida, H., Hoshi, Y., Uematsu, K., Kitazawa, Y. A single, small particle launch system by electrothermal gun and microsabot [for impact tests of heat engine materials] 31007
Yoshida, H., Kawaguchi, T. 1/f noise generation circuit by utilizing Brown motion 11202
Yoshida, H., Kayama, H., Yamamoto, H., Ichikawa, T. The architecture and control method of packet data communication for Personal Handy-Phone system 35980
Yoshida, H., Kiyama, M., Takebe, T., Fujita, K., Akai, S. Heat-treatment study of deep-level defects in semi-insulating liquid-encapsulated Czochralski gallium arsenide substrates 31835
Yoshida, H., Kozakai, T., Murayama, Y. Precise null balancing technique for 10-V Josephson junction array voltage standard system 27344
Yoshida, H., Kozakai, T., Yada, E., Murayama, Y. Precise measurement of the accuracy of 24 bit ADC by AC Josephson effect 21760
Yoshida, H., Kunieda, M. Determination of arc plasma temperature in EDM process by spectroscopic analysis 29911
Yoshida, H., Mizuta, H., Gouhara, T., Suzuki, Y., Yana, K., Okuyama, F. Statistical properties of simultaneously recorded fluctuations in pupil diameter and heart rate 59392
Yoshida, H., Murayama, Y., Endo, T. A new 10-V array of Josephson junctions based on low-frequency designs scaled up to 94 GHz 27337
Yoshida, H., Nishikawa, R.M., Giger, M.L., Doi, K. Signal/background separation by wavelet packets for detection of microcalcifications in mammograms 28208
Yoshida, H., Yoshida, K., Yamanaka, T., Nakai, S. Long life operation of krypton arc lamps for continuous pumping of solid-state-lasers 44409
Yoshida, H. *see* Derong Pan 35076
Yoshida, H. *see* Ichioka, Y. 35075
Yoshida, H. *see* Ishii, A. 46140
Yoshida, H. *see* Kamata, A. 40474
Yoshida, H. *see* Kamiyama, H. 41250
Yoshida, H. *see* Madihian, M. 11722
Yoshida, H. *see* Madihian, M. 41509
Yoshida, H. *see* Makino, T. 42080
Yoshida, H. *see* Mizutani, Y. 38127
Yoshida, H. *see* Mizutani, Y. 50240
Yoshida, H. *see* Murayama, Y. 27216
Yoshida, H. *see* Murohka, H. 59271
Yoshida, H. *see* Nishio, T. 6770
Yoshida, H. *see* Nishio, T. 46995
Yoshida, H. *see* Sawada, S. 31845
Yoshida, H. *see* Sekimoto, Y. 14602
Yoshida, H. *see* Shizuki, Y. 16564
Yoshida, H. *see* Suzuki, H. 21673
Yoshida, H. *see* Suzuki, T. 1139
Yoshida, H. *see* Suzuki, T. 38873
Yoshida, H. *see* Suzuki, T. 50241
Yoshida, H. *see* Tada, S. 39239
Yoshida, H. *see* Takiya, T. 27991
Yoshida, H. *see* Toyoshima, H. 1333
Yoshida, H. *see* Wang Zhonglei 38849
Yoshida, H. *see* Yamazaki, T. 2847
Yoshida, H. *see* Yuying Wu 16715
Yoshida, I. *see* Hasegawa, T. 38903
Yoshida, I. *see* Hashimoto, J. 14185
Yoshida, I. *see* Saeki, T. 1385
Yoshida, I. *see* Yoshikawa, S. 32965
Yoshida, J. Low-cost optical modules for fiber-to-the-home 58327
Yoshida, J., Nagano, T., Hashimoto, T. Characterization of localized states in thin $PrBa_2Cu_3O_{7-x}$ tunnel barriers 43808
Yoshida, J. *see* Akatsu, Y. 16729
Yoshida, J. *see* Fukano, H. 23958
Yoshida, J. *see* Fukuda, M. 3840
Yoshida, J. *see* Zylbersztejn, A. 26901
Yoshida, K., Dai, Z., Takami, H., Sonoda, A. Attractive-levitation experiments of 1/2-scale controlled-PM LSM Maglev vehicle under an extremely unbalanced condition of one controlled-PM 61258
Yoshida, K., Ju Lee, Young Jung Kim 3-D FEM field analysis in controlled-PM LSM for Maglev vehicle 51755
Yoshida, K., Kalinin, V., Stoner, S., Kato, T. Requirements and interfaces to cryogenic and power supply plants for the ITER magnet system 43837
Yoshida, K., Minami, A., Kanda, Y. Development of a traveling-wave type $LiNbO_3$ optical modulator with superconducting electrodes. I 55303
Yoshida, K., Ohya, J., Kishino, F., Tanaka, H. 3D shape and color reconstruction by active vision based on symmetry 15822
Yoshida, K., Satoh, T., Enomoto, N., Yagi, T., Hihara, H., Oku, M. Fracture origins of optical fibers fabricated by hybridized process 3378
Yoshida, K., Satoh, T., Enomoto, N., Yagi, T., Hihara, H., Oku, M. Studies on the strength of optical fiber fabricated by a hybridized process 3379
Yoshida, K., Satoh, T., Enomoto, N., Yagi, T., Hihara, H., Oku, M. Fabrication of low loss optical fibers by hybridised process 23486
Yoshida, K., Satoh, T., Hihara, H., Oku, M. Core eccentricity error of optical fiber fabricated by hybridized CIP process 3387
Yoshida, K., Takami, H., Kanehiro, M., Arima, S. A basic study on HTSC bulk motor 60808
Yoshida, K. *see* Arai, S. 49038
Yoshida, K. *see* Hirayama, H. 24833
Yoshida, K. *see* Inoue, T. 50298
Yoshida, K. *see* Ito, H. 22379
Yoshida, K. *see* Kitagawa, M. 7079
Yoshida, K. *see* Koga, F. 58684
Yoshida, K. *see* Koga, F. 58694
Yoshida, K. *see* Koga, H. 41166
Yoshida, K. *see* Kurisu, M. 26417
Yoshida, K. *see* Mikawa, M. 36115
Yoshida, K. *see* Nagasaki, M. 47460
Yoshida, K. *see* Nakanishi, H. 58307
Yoshida, K. *see* Namba, Y. 14625
Yoshida, K. *see* Sone, K. 28491
Yoshida, K. *see* Takezoe, N. 10963
Yoshida, K. *see* Tanaka, M. 58906
Yoshida, K. *see* Tanaka, S. 58800
Yoshida, K. *see* Yokota, S. 38758
Yoshida, K. *see* Yoshida, H. 44409
Yoshida, M. High power Er-doped fiber amplifiers 44388
Yoshida, M., Oishi, T., Honda, T., Torii, T. A calibration technique for gas-flow ionization chambers with short half-lived rare gases 37288
Yoshida, M., Yabuta, H., Sone, S., Takemura, K., Sakuma, T., Kato, Y., Miyasaka, Y., Iizuka, T., Yamamichi, S., Yamaguchi, H., Lesaicherre, P.-Y., Nishimoto, S. Thin film $(Ba,Sr)TiO_3$ over stacked RuO_2 nodes for Gbit DRAM capacitors 11441
Yoshida, M. *see* Amano, H. 10807
Yoshida, M. *see* Fat'yanov, O.V. 33893
Yoshida, M. *see* He, G.S. 24244
Yoshida, M. *see* He, G.S. 44625
Yoshida, M. *see* Hozumi, N. 50574
Yoshida, M. *see* Katakami, K. 31712
Yoshida, M. *see* Kawahito, S. 35342
Yoshida, M. *see* Miyazaki, T. 6799
Yoshida, M. *see* Ohmori, Y. 13861
Yoshida, M. *see* Ohmori, Y. 55442
Yoshida, M. *see* Ohmori, Y. 55466
Yoshida, M. *see* Okubo, H. 19889
Yoshida, M. *see* Okubo, H. 38926
Yoshida, M. *see* Okuda, H. 60828
Yoshida, M. *see* Okuno, R. 49783
Yoshida, M. *see* Saito, H. 35428
Yoshida, M. *see* Sone, S. 854
Yoshida, M. *see* Wann, C.H. 2642
Yoshida, M. *see* Wong, H. 1417
Yoshida, M. *see* Yamaguchi, H. 41538
Yoshida, M. *see* Zaitsu, Y. 40659
Yoshida, N. Graph types for monadic mobile processes 56303
Yoshida, N., Lin Lou, Kenichi Sakane, Saika, S., Yamaguchi, F. Adaptive sign detection method of 4×4 determinant method. II. Sign detection method for arbitrary homogeneous polynomials 377
Yoshida, N., Mitani, A. Decentralized processing for multitarget motion analysis 24961
Yoshida, N., Tanaka, K. Direct fabrication of microrelief patterns by electron-beam exposure in Ag-As-S glasses 32174
Yoshida, N. *see* Hyodo, T. 12960
Yoshida, N. *see* Kobayashi, Y. 25617
Yoshida, N. *see* Koide, T. 1031
Yoshida, N. *see* Koide, T. 1032
Yoshida, N. *see* Koide, T. 21427
Yoshida, N. *see* Koide, T. 22944
Yoshida, N. *see* Nishikawa, M. 23598
Yoshida, N. *see* Suzuki, T. 1076
Yoshida, N. *see* Takano, H. 22661
Yoshida, N. *see* Tochigi, M. 11685
Yoshida, N. *see* Yoshitake, M. 51542
Yoshida, O., Ishikawa, J., Endo, K., Kitaori, N. Analysis of columnar microstructure in Fe-N thin films prepared by an ion-assisted vapor deposition method 40578
Yoshida, S., Annoi, H., Funae, K. Traffic message channel receiver 9710
Yoshida, S., Kamano, T., Suzuki, T., Harada, H. Application of genetic algorithm to speed servo system and positioning system 29512
Yoshida, S., Sasaki, M. Cubic GaN formation using dimethylhydrazine and an etching method 31859
Yoshida, S., Suprapedi, Widiastuti, R., Irfan, Marincan, Septriyanti, Julinda, Faisal, A., Kusnowo, A. A novel nondestructive testing system based on speckle interferometry 21394
Yoshida, S., Suprapedi, Widiastuti, R., Marincan, Septriyanti, Julinda, Faisal, A., Kusnowo, A. Phase unwrapping for dual-beam electronic speckle pattern interferometry: method 36886
Yoshida, S., Tanaka, S., Matsuo, K., Hotta, T., Sawamoto, H., Shimizu, T. Instruction fetch and dispatch scheme with Flag in Cache/in IBR 53340
Yoshida, S. *see* Feuillet, G. 40306
Yoshida, S. *see* Hayashi, M. 31604
Yoshida, S. *see* Nishikawa, H. 57714
Yoshida, S. *see* Ohoka, H. 48390
Yoshida, S. *see* Okumura, H. 31855
Yoshida, T., Chino, T., Matsuda, K., Kobayashi, Y., Fujimoto, H., Hatada, K. Surface-emitting laser array module mounted on Si-submount using MBB technology 16795
Yoshida, T., Fujimoto, H., Hatada, K., Ikeda, Y., Takahashi, K., Fujita, S., Sagawa, M., Sakai, H., Inoue, K. A new millimeter-wave IC on Si substrate using MBB technology 11719
Yoshida, T., Fujinami, H., Kawamoto, T. V-t characteristics of SF_6 gas for lightning surges 9427
Yoshida, T., Hashizume, T., Hasegawa, H. Characterization of interface electronic properties of low-temperature ultrathin oxides and oxynitrides formed on Si(111) surfaces by contactless capacitance-voltage and photoluminescence methods 54301
Yoshida, T., Kaga, K., Yamada, K., Koto, S. A system for designing heat exchangers 20245
Yoshida, T., Koide, H., Andoh, M., Mukaizawa, I., Someya, Y., Tsunoda, A. Polarization analysis of planar solid oxide fuel cells 61056
Yoshida, T., Miura, Y. A generation method of vector sets based on cyclic code for ADR to mask multiple stuck-at faults on bus 57944
Yoshida, T., Miyagawa, M., Shioiri, T., Sugimoto, M., Masaki, N. Insulation characteristics of various composite insulations using C-GIS 9430
Yoshida, T., Nishitoba, M., Ashizawa, T. Multifunctional harmonics suppressor that improves the application environment for variable-speed driving systems 29670
Yoshida, T., Sakai, Y. Reliability metric for multiparameter motion estimation and it's application 56867
Yoshida, T., Sawada, K. Spatio-temporal scalable video coding using subband and adaptive field/frame interpolation 57060
Yoshida, T., Takizawa, M. Transactions on distributed mobile replicated objects 6073
Yoshida, T., Tanda, M., Kato, S., Horiguchi, M., Watanuki, Y., Hama, T., Ichikawa, Y., Sakai, H., Sakai, N., Kurihara, J., Ishikawa, O. Roofing material integrated flexible a-Si PV modules 51590
Yoshida, T., Yamada, Y., Orii, T. A novel electroluminescent diode with nanocrystalline silicon quantum dots 44263
Yoshida, T. *see* Abe, H. 2993
Yoshida, T. *see* Abe, H. 7241
Yoshida, T. *see* Amagi, S. 40518
Yoshida, T. *see* Fujikake, S. 39127
Yoshida, T. *see* Hamada, Y. 7081
Yoshida, T. *see* Hattori, T. 59111
Yoshida, T. *see* Holmann, E. 35064
Yoshida, T. *see* Horiba, S. 1359
Yoshida, T. *see* Ichihangase, H. 58039
Yoshida, T. *see* Ishigure, Y. 17608
Yoshida, T. *see* Ishikawa, N. 38655
Yoshida, T. *see* Kiriyama, H. 55565
Yoshida, T. *see* Kohama, T. 48761
Yoshida, T. *see* Kutsuwa, T. 11864
Yoshida, T. *see* Matsuse, K. 29741
Yoshida, T. *see* Ohwaki, T. 40560
Yoshida, T. *see* Okura, K. 56947
Yoshida, T. *see* Sakamoto, M. 1461
Yoshida, T. *see* Shuke, K. 17076
Yoshida, T. *see* Suzuki, K. 35977
Yoshida, T. *see* Takeuchi, S. 49147
Yoshida, T. *see* Wakabayashi, H. 43275
Yoshida, T. *see* Yamaguchi, N. 52808
Yoshida, Y. An optimal stopping problem in dynamic fuzzy systems with fuzzy rewards 10329
Yoshida, Y., Abe, M. Generation of wideband speech from narrowband speech 14956
Yoshida, Y., Bao-Yu Song, Okuhata, H., Onoye, T., Shirakawa, I. Low-power consumption architecture for embedded processor 53306
Yoshida, Y., Miyazawa, T., Kazama, A. Development of surface-wave ion source using coaxial-type cavity 31482
Yoshida, Y., Sakai, H., Ogawa, K., Yamada, K., Ishii, J. Unqualified object detection system for refuse crusher plants 25286
Yoshida, Y., Yamaji, K., Hatano, M., Shinohara, R., Rokunohe, T., Endo, F., Yamagiwa, T. Insulation characteristics of disconnecting switch for DC 500 kV GIS 9429
Yoshida, Y. *see* Hakoda, K. 14957
Yoshida, Y. *see* Horiike, K. 46088

Yoshida, Y. *see* Iijima, T. 37238
Yoshida, Y. *see* Kitai, M. 46964
Yoshida, Y. *see* Minemura, K. 6592
Yoshida, Y. *see* Nagahara, S. 32313
Yoshida, Y. *see* Nakano, H. 44111
Yoshida, Y. *see* Niiori, Y. 30735
Yoshida, Y. *see* Sahu, S.K. 37360
Yoshida, Y. *see* Sakatsu, T. 12018
Yoshida, Y. *see* Yokota, Y. 25701
Yoshida, Y. *see* Yokota, Y. 28317
Yoshidaya, H., Murakami, K., Tsuchiya, F., Nagai, H. Simulation of the characteristics of 850 nm superluminescent diodes 23701
Yoshie, H. *see* Maruyama, F. 32783
Yoshie, K. *see* Watanabe, I. 40579
Yoshie, N. *see* Nishimoto, H. 58308
Yoshie, N. *see* Teshigawara, Y. 35633
Yoshifuji, N. *see* Kaminaga, K. 50594
Yoshigoe, A., Hirano, S., Mase, K., Urisu, T. In situ observation of surface reactions with synchrotron radiation induced semiconductor processes by infrared reflection absorption spectroscopy using buried metal layer substrates 42441
Yoshihara, H. *see* Deguchi, K. 32291
Yoshihara, H. *see* Ozawa, A. 49362
Yoshihara, K. *see* Ono, N. 16606
Yoshihara, K. *see* Shizuki, Y. 16564
Yoshihara, K. *see* Slobodchikov, E. 3783
Yoshihara, S. *see* Nagatsuka, K. 49433
Yoshihara, T., Kotsuji, S., Suzuki, K. Sputtered TaX film properties for X-ray mask absorbers 32304
Yoshihara, T. *see* Fujii, K. 21669
Yoshihashi, M., Kashima, M., Mochizuki, S., Otsuta, K., Aoshima, N. FX Series energy-saving room air-conditioners 20240
Yoshihiro, A. *see* Kazihara, K. 40940
Yoshihiro, M. *see* Takao, H. 44112
Yoshihiro Shimazu *see* Shimazu Yoshihiro
Yoshii, H. Distributed PACT 56828
Yoshii, H. *see* Ohoka, H. 48390
Yoshii, K. *see* Yasutake, K. 52631
Yoshii, M., Iida, Y. Characteristic of polyaniline EC-element having PVA layer impregnated with a supporting electrolytic 23588
Yoshii, M. *see* Sato, H. 59166
Yoshii, S., Yokogawa, T., Sasai, Y. Au-Ag/Ni/Te metal multilayer contact to p-type ZnSe 54259
Yoshii, T. *see* Saeki, T. 1385
Yoshii, Y. *see* Yamamota, K. 16628
Yoshii, Y. *see* Yamamoto, K. 21944
Yoshiie, R., Nakanishi, J., Okuno, Y., Kabashima, S., Yamasaki, H. Adiabatic efficiency and Joule dissipation in supersonic Faraday MHD generator 61100
Yoshikado, S. *see* Maruyama, A. 40559
Yoshikawa, A., Kajihara, S., Numa, M., Kinoshita, K. A diagnosis method for single logic design errors in gate level combinational circuits 11403
Yoshikawa, A. *see* Hashimoto, T. 12248
Yoshikawa, A. *see* Nabae, A. 50348
Yoshikawa, A. *see* Suzuki, T. 22714
Yoshikawa, A. *see* Takayama, T. 14117
Yoshikawa, H., Hori, T., Suzuki, S., Yanagida, K., Itoh, Y., Mizuno, A., Taniuchi, T., Sakaki, H., Kuba, A., Fukushima, S., Kobayashi, T., Asaka, T., Yokomizo, H. Injector linac of SPring-8 49102
Yoshikawa, H. *see* Gofuku, A. 38519
Yoshikawa, H. *see* Suzuki, S. 49030
Yoshikawa, H. *see* Takahashi, M. 19511
Yoshikawa, H. *see* Yanagida, K. 7750
Yoshikawa, K. Impact of cell threshold voltage distribution in the array of flash memories on scaled and multilevel flash cell design 1364
Yoshikawa, K. *see* Masuda, K. 22177
Yoshikawa, K. *see* Okuno, Y. 20056
Yoshikawa, K. *see* Takebuchi, M. 42711
Yoshikawa, M. Vehicular terminal equipment for ITS 29829
Yoshikawa, M., Fujimura, S., Tanaka, S., Nishii, R. Design method of triplet decision tree classifier with division-wait mechanism 46386
Yoshikawa, M., Toshida, N., Nakajima, H., Harada, Y., Tsurugai, M., Nakata, Y. On-line economic load dispatch based on fuel cost dynamics 50365
Yoshikawa, M. *see* Aota, T. 49366
Yoshikawa, M. *see* Nakaura, S. 18495
Yoshikawa, M. *see* Ohsugi, T. 37385
Yoshikawa, M. *see* Ohsugi, T. 37392
Yoshikawa, M. *see* Unno, Y. 37395
Yoshikawa, M. *see* Yamaguchi, I. 11988
Yoshikawa, S., Nemoto, M., Shimaoka, K., Niki, K., Yoshida, I., Yoshisato, Y. Ka-band performance of step-edge Josephson junctions using $Tl_2Ba_2CaCu_2O_x$ films on MgO substrates 32965
Yoshikawa, S. *see* Jiehui Zheng 23262
Yoshikawa, S. *see* Koopmann, G.H. 13345
Yoshikawa, S. *see* Lesieutre, G.A. 3009
Yoshikawa, S. *see* Markowski, K. 23168
Yoshikawa, S. *see* Meyer, R., Jr. 2930
Yoshikawa, S. *see* Ooi, Y. 46448
Yoshikawa, T., Furuhashi, T., Uchikawa, Y. The effects of combination of DNA coding method with Pseudo-Bacterial GA 56313
Yoshikawa, T. *see* Kawakami, T. 23986
Yoshikawa, T. *see* Yasui, T. 891
Yoshikawa, T. *see* Zhang, X. 41330
Yoshiki, K., Saito, T., Iriyama, E., Fujii, T., Matsuo, M. Base-station antenna for indoor PHS use 16570
Yoshiki, M. *see* Takemura, H. 31701
Yoshiki, M. *see* Takemura, H. 53962
Yoshikuni, H. A brief description of the sampling robot system for scrap 25618
Yoshikuni, Y. *see* Ishii, H. 44494
Yoshikuni, Y. *see* Tanobe, H. 3534
Yoshikuni, Y. *see* Tanobe, H. 26934
Yoshikuni, Y. *see* Yasaka, H. 36104
Yoshimaru, M. *see* Yamauchi, S. 52804
Yoshimatsu, H. Smoothing of miniature eye movement using wavelet analysis when gazing a fixed target 45731
Yoshimi, H. *see* Ishikawa, Y. 54408
Yoshimi, I., Shirai, S., Sakurai, S. Two mega-pixel 51-cm color display tube 17649
Yoshimi, M., Isshiki, K. Data transfer between SDFs without interrupting service execution 35796
Yoshimi, M., Nishiyama, A., Arisumi, O., Terauchi, M., Matsuzawa, K., Shigyo, N. Reduction of the floating-body effect in SOI-MOSFETs by the bandgap engineering method 42986
Yoshimi, M., Terauchi, M., Nishiyama, A., Arisumi, O., Murakoshi, A., Matsuzawa, K., Shigyo, N., Takeno, S., Tomita, M., Suzuki, K., Ushiku, Y., Tango, H. Suppression of the floating-body effect in SOI MOSFET's by the bandgap engineering method using a $Si_{1-x}Ge_x$ source structure 32410
Yoshimi, M., Terauchi, M., Nishiyama, A., Numano, M., Kubota, H., Watanabe, S., Tango, H. Advantages of low voltage applications and issues to be solved in SOI technology [DRAMs] 11455
Yoshimi, M. *see* Fuse, T. 41104
Yoshimi, M. *see* Ishibashi, H. 26653
Yoshimi, M. *see* Kikuchi, T. 60367
Yoshimi, M. *see* Nishiyama, A. 13002
Yoshimi, M. *see* Noda, Y. 22281
Yoshimi, M. *see* Terauchi, M. 21663
Yoshimi, M. *see* Terauchi, M. 43300
Yoshimi, M. *see* Yamamoto, K. 39029
Yoshimi, N. *see* Asai, K. 27121
Yoshimi, T. *see* Shabani, M.B. 42356
Yoshimitsu, T. *see* Motobe, H. 1792
Yoshimori, K., Itoh, K., Ichioka, Y. A novel spread function for observation of random surface 15807
Yoshimoto, H. *see* Nagatsuka, K. 49433
Yoshimoto, K., Sasaki, K., Yanagisawa, H., Noya, A. Preparation of $CuTi-Cu_3Ti$ compound alloy films and their applications as diffusion barrier in $Cu/CuTi-Cu_3Ti/TiN/Si$ multilayered contact system 32247
Yoshimoto, M. *see* Fujii, T. 31878
Yoshimoto, M. *see* Koinuma, H. 10787
Yoshimoto, M. *see* Koinuma, H. 52609
Yoshimoto, N., Yamanaka, T., Kondo, S., Noguchi, Y., Wakita, K. Large field-induced refractive-index change on TM-polarized light in an InGaAlAs-InAlAs MQW waveguide structure 22405
Yoshimoto, N. *see* Shibata, Y. 13890
Yoshimoto, N. *see* Yamanaka, T. 54179
Yoshimoto, R. *see* Kubuki, M. 54907
Yoshimoto, S., Kitano, Y., Furukawa, T., Urahama, K. A fast adaptive algorithm based on the gradient method for the reduction of the computational requirements 4736
Yoshimoto, S. *see* Ezura, E. 49245
Yoshimoto, T. *see* Mino, K. 59500
Yoshimoto, T. *see* Mino, K. 59511
Yoshimura, F. *see* Chiba, R. 51553
Yoshimura, H. *see* Hara, T. 59462
Yoshimura, H. *see* Inaba, S. 2653
Yoshimura, H. *see* Takagi, M.T. 43276
Yoshimura, H. *see* Tamai, T. 27174
Yoshimura, K. *see* Yamada, Y. 42129
Yoshimura, M. *see* Kajiyoshi, K. 54889
Yoshimura, M. *see* Kitaura, Y. 43121
Yoshimura, M. *see* Nakanishi, H. 58307
Yoshimura, M. *see* Takao, K. 20157
Yoshimura, M. *see* Yashima, M. 29614
Yoshimura, N. *see* Fan, Z.H. 32747
Yoshimura, N. *see* Kumagai, S. 32701
Yoshimura, N. *see* Ohno, H. 57800
Yoshimura, N. *see* Tanaka, M. 34374
Yoshimura, R. *see* Hida, Y. 44035
Yoshimura, S. *see* Nohma, T. 9522
Yoshimura, S. *see* Ohtsuka, T. 52024
Yoshimura, S. *see* Yu, H.A. 3604
Yoshimura, S. *see* Yu, H.A. 29629
Yoshimura, T., Kohinata, N. Characteristics of iterative deconvolution algorithm with fast convergence speed of the iterations 15843
Yoshimura, T., Ohta, H., Yamamoto, J., Uchino, S., Gotoh, Y., Terasawa, T. Nanofabrication with a novel EB system with a large and stable beam current 32263
Yoshimura, T., Shiraishi, H., Terasawa, T., Okazaki, S. Acid-diffusion suppression in chemical amplification resists by controlling acid-diffusion channels in base matrix polymers 32276
Yoshimura, T. *see* Fujimura, N. 759
Yoshimura, T. *see* Fukunaga, H. 3122
Yoshimura, T. *see* Tanioka, M. 41706
Yoshimura, T. *see* Yamamoto, J. 32317
Yoshimura, Y. *see* Iida, Y. 61365
Yoshimura, Y. *see* Onozawa, T. 19494
Yoshinaga, H. *see* Kikushima, K. 26835
Yoshinaga, J. *see* Hongo, H. 43165
Yoshinaga, M. *see* Tabuchi, J. 38947
Yoshinaga, T. *see* Kitajima, H. 1648
Yoshinaga, T. *see* Unuma, M. 50682
Yoshinaga, Y., Murakami, M., Kobatake, H. Development of malignant tumor detection system in mammography 49453
Yoshinaka, K. *see* Ikeuchi, K. 28403
Yoshino, H., Itani, T., Hashimoto, S., Yamana, M., Samoto, N., Kasama, K., Timko, A.G., Nalamasu, O. Investigation of environmental stability in chemically amplified resists 42831
Yoshino, H. *see* Itani, T. 32278
Yoshino, H. *see* Itani, T. 32315
Yoshino, H. *see* Itani, T. 42830
Yoshino, H. *see* Itsumi, M. 2301
Yoshino, K., Hosoda, K., Fujii, A., Ishikawa, M. Optical properties and EL characteristics of poly[(disilanylene)oligophenylenes] 55453
Yoshino, K. *see* Frolov, S.V. 3761
Yoshino, K. *see* Fujii, A. 33254
Yoshino, K. *see* Hamaguchi, M. 33275
Yoshino, K. *see* Hamaguchi, M. 33289
Yoshino, K. *see* Kobayashi, J. 13714
Yoshino, K. *see* Kyokane, J. 11757
Yoshino, K. *see* Ohmori, Y. 13861
Yoshino, K. *see* Ohmori, Y. 55442
Yoshino, K. *see* Ohmori, Y. 55466
Yoshino, K. *see* Onoda, M. 55390
Yoshino, K. *see* Saeki, T. 1385
Yoshino, K. *see* Sagioka, K. 33654
Yoshino, K. *see* Tada, K. 55388
Yoshino, K. *see* Takeshita, T. 44560
Yoshino, K. *see* Ueno, A. 37029
Yoshino, K. *see* Wakita, K. 26832
Yoshino, K. *see* Watanabe, Y. 21102
Yoshino, K. *see* Yamamoto, H. 11760
Yoshino, M. *see* Inoue, K. 4013
Yoshino, R. *see* Tokuno, K. 10166
Yoshino, S., Tazaki, S., Tsuzuki, S., Yamada, Y. Performance comparisons of multi-level codes for high density MO recording 3494
Yoshino, S. *see* Tsuchiya, T. 29105
Yoshino, T. *see* Nakamura, K. 36102
Yoshino, Y. *see* Haneda, T. 22695
Yoshino, Y. *see* Sakurai, A. 13377
Yoshinobu, T. *see* Inoue, S. 7453
Yoshinobu, T. *see* Nakao, M. 17560
Yoshinuma, M. *see* Taya, H. 26921
Yoshio, M., Noguchi, H., Xia, Y., Ikeda, K. Preparation of cathode materials for lithium batteries by melt impregnation method. IV. Preparation of stoichiometric spinel $LiMn_2O_4$ and nonstoichiometric spinel $Li_xMn_2O_4$ and its electrochemical behavior 60989
Yoshio, M. *see* Gotoh, T. 11763
Yoshio, M. *see* Nakamura, H. 29553
Yoshio, N. *see* Nagasawa, M. 22096
Yoshio, N. *see* Tanigawa, S. 10153
Yoshioka, H., Nishikawa, S., Nakajima, S., Asai, M., Takeoka, S., Matsutani, T., Suzuki, A. Non hot-spot PV module using solar cells with bypass diode function 39168
Yoshioka, H., Shirai, S., Sakurai, S. Power saving 41-cm color display tube 17648
Yoshioka, H., Yuasa, M. Heart wall contour extraction on ultrasound images using the automated contour tracking (ACT) method 59459
Yoshioka, H. *see* Nakano, K. 58185
Yoshioka, H. *see* Seino, H. 20159
Yoshioka, K. *see* Futsuhara, M. 12840
Yoshioka, K. *see* Sakamoto, S. 43859
Yoshioka, M., Omatu, S. Image compression by nonlinear principal component analysis 15744
Yoshioka, M. *see* Kato, R. 18014
Yoshioka, M. *see* Shimizu, S. 28082
Yoshioka, M. *see* Tsuji, H. 18338
Yoshioka, N. *see* Ge, Q.-W. 52503
Yoshioka, O. *see* Arai, K. 56393
Yoshioka, O. *see* Taketani, N. 52230
Yoshioka, S., Urushibata, H. Simulation of cathode dissolution and shorting for molten carbonate fuel cells 61060
Yoshioka, S., Urushibata, H. Superiority of Li_2CO_3/Na_2CO_3 electrolyte in molten carbonate fuel cells. I. Influence of operation conditions on polarization behavior 61071
Yoshioka, S., Urushibata, H. Superiority of Li_2CO_3/Na_2CO_3 electrolyte in molten carbonate fuel cell. II. Effect of the basicity of the electrolyte on the life performance 61073
Yoshioka, S. *see* Kuroda, T. 5023
Yoshioka, S. *see* Sato, M. 10130
Yoshioka, S. *see* Sato, M. 39826
Yoshioka, S. *see* Urushibata, H. 61077
Yoshioka, T., Sato, M., Yamazaki, T. Precision measurement of audio frequency voltage based on the least squares method and application of the method for voltage ratio measurement 17720
Yoshioka, T., Yamasaki, M., Shikida, M., Sato, K. Tensile testing of thin-film materials on a silicon chip 21409
Yoshioka, T. *see* Butsuen, T. 29865
Yoshioka, T. *see* Nakasuji, A. 58045
Yoshioka, Y. *see* Aritomi, M. 36973
Yoshisato, Y. *see* Yamamoto, T. 55123
Yoshisato, Y. *see* Yoshikawa, S. 32965
Yoshita, M. *see* Takahashi, T. 54087

Yoshitake, A., Harada, K., Todaka, T., Ishihara, Y., Hirata, K. Dynamic analysis of a linear oscillatory actuator under feedback control 51434
Yoshitake, M., Tamura, M., Yoshida, N., Ishisaki, T. Studies of perfluorinated ion exchange membranes for polymer electrolyte fuel cells 51542
Yoshitake, M. *see* Kuribayashi, K. 23076
Yoshitake, M. *see* Okamoto, A. 48728
Yoshitake, R., Kataoka, R. Measurement of TFT/LCD flicker for ISO compliance 58919
Yoshitake, S., Matsuki, K., Hirano, R., Tojo, T. Pattern shift error induced by coating and developing 22634
Yoshitake, T. *see* Fukuzawa, M. 32621
Yoshitani, Y. *see* Umemoto, T. 4719
Yoshitani, Y. *see* Umemoto, T. 21212
Yoshitome, E. *see* Hashimoto, H. 28126
Yoshitomi, H. *see* Munaka, T. 57938
Yoshitomi, K. Polarization characteristics of the radiation field from an aperture in an impedance surface 4350
Yoshitomi, T., Ohguro, T., Saito, M., Ono, M., Morifuji, E., Momose, H.S., Iwai, H. High performance 0.15 μm single gate Co salicide CMOS 2795
Yoshitomi, T. *see* Minetomo, K. 27185
Yoshitomi, T. *see* Momose, H.S. 41463
Yoshitomi, T. *see* Ohgaro, T. 2802
Yoshitomi, T. *see* Ohguro, T. 41460
Yoshitomi, Y., Takahashi, N., Tanaka, O., Ishibashi, M., Mishima, Y., Yamasaki, K. Ultrathick glassless high-permeability, grain-oriented silicon steel sheets with high workability 23325
Yoshiue, T. *see* Kobayashi, M. 22249
Yoshiwara, S. *see* Hosokawa, H. 49608
Yoshiwara, S. *see* Yokozuka, T. 29308
Yoshizaka, S. *see* Lu, S. 56823
Yoshizaki, R. *see* Miyake, K. 12176
Yoshizaki, S., Inagaki, Y., Suruki, R., Ishiyama, Y., Iida, H., Nakashiba, T., Kurokawa, K., Taguchi, H. Design environment for 0.35 μm CMOS LSI 43315
Yoshizawa, H., Huang, Y., Temes, G.C. Improved SC amplifiers with low sensitivity to op-amp imperfections 40921
Yoshizawa, H., Nakashiro, M., Kihara, S., Umaki, H. Plastic deformation and creep damage measurement by intra-granular distortion analysis 19543
Yoshizawa, H., Temes, G.C., Ferguson, P., Jr., Krummenacher, F. Novel design techniques for high-linearity MOSFET-only switched-capacitor circuits 1568
Yoshizawa, J. *see* Murakami, T. 49064
Yoshizawa, K. *see* Katoh, H. 27157
Yoshizawa, M., Kikuchi, A., Mori, M., Fujita, N., Kishino, K. Growth of self-organized GaN nanostructures on Al_2O_3(0001) by RF-radical source molecular beam epitaxy 52689
Yoshizawa, M., Kisanuki, M., Abe, K.-I., Yambe, T., Nitta, S.-I. Hemodynamic waveform estimation for monitoring of artificial hearts using artificial neural networks 59797
Yoshizawa, M., Tanaka, A., Abe, K., Takeda, H., Yambe, T., Nitta, S., Abe, Y., Imachi, K. Optimal operating point controller for total artificial heart 59792
Yoshizawa, M. *see* Arai, S. 49038
Yoshizawa, M. *see* Tanaka, A. 59793
Yoshizawa, M. *see* Toyokawa, H. 37522
Yoshizawa, M. *see* Watanabe, E. 43512
Yoshizawa, M. *see* Watanabe, T. 37036
Yoshizawa, N. *see* Ogawa, T. 32253
Yoshizawa, S. *see* Higuchi, T. 1289
Yoshizawa, S. *see* Kanada, H. 47099
Yoshizawa, S. *see* Takeuchi, M. 21419
Yoshizawa, T. *see* Fujiwara, H. 48909
Yoshizawa, T. *see* Oda, I. 55909
Yoshizawa, T. *see* Otani, Y. 36912
Yoshizawa, T. *see* Otani, Y. 59063
Yoshizuka, H. *see* Hara, M. 23138
Yoshizuka, H. *see* Wang, Z.-C. 13523
Yoshizumi, A. *see* Ota, H. 10081
Yoshizumi, K. *see* Kubuki, M. 54907
Yoshizumi, K. *see* Tsuru, S.-I. 31678
Yoshuda, T. *see* Sone, Y. 20241
Yosi Shacham-Diamand *see* Bhaumik, K. 2633
Yoskimura, S. *see* Kudoh, Y. 11758
Yossian, D. *see* Satinger, D. 44218
Yost, B. *see* Deyhim, A. 208
Yost, F. *see* Kokas, J. 1809
Yost, F.G., Holm, E.A. Capillary flow on narrow strips and in V-shaped grooves 30963
Yost, F.G. *see* Hosking, F.M. 1797
Yost, F.G. *see* Hosking, F.M. 31628
Yota, J., Brongo, M.R., Dyer, T.W., Rafftesaeth, K.P., Bondur, J.A. Integration of ICP high-density plasma CVD with CMP and its effects on planarity for sub-0.5 μm CMOS technology 54801
Yots, C.M. *see* Weaver, E.R. 21987
Yotsumoto, K. *see* Ichimura, M. 51491
Yotsumoto, K. *see* Okada, S. 37024
Yotsumoto, Y. *see* Maeda, Y. 52456
You, B. *see* Bie, Q.S. 43661
You, H., Nagy, Z., Huang, K. X-ray scattering study of porous silicon growth during anodic dissolution 42436
You, J., Cohen, H.A., Zhu, W.P., Pissaloux, E. A robust and real-time texture analysis system using a distributed workstation cluster 25407
You, J., Shen, H., Cohen, H.A. An efficient parallel texture classification for image retrieval 35317
You, J., Shen, H., Pissaloux, E. Fast parallel image identification in distributed computing environments 25326
You, J. *see* Brock, I.C. 37039
You, Q. *see* Alam, M.R. 40628
You, Q. *see* Shu, N. 43495
You, W.-H. *see* Lin, Z.-S. 28624
You, Y. *see* Yamaguchi, T. 38821
You, Y.H., Cho, H.R., Joo, M.S., Kang, C.E. Detection technique for a serial DS-SS code synchronisation in a fading mobile channel 47687
You, Y.H., Kang, M.G., Cheong, H.Y., Kang, C.E. Statistical analysis of decision threshold for parallel acquisition with reference filtering in Rician fading channel 6495
You, Z.P. *see* Li, B. 9559
You Bum-Jae *see* Bum-Jae You
You Cheol-Woo *see* Cheol-Woo You
You Fan *see* Fan You
You Gwon-Jong *see* Gwon-Jong You
You Han-Yang *see* Han-Yang You
You He, Xiangwei Meng, Yongning Peng Performance of a new CFAR detector based on trimmed mean 26961
You He *see* He You
You Jae Hee *see* Jae Hee You
You Jaehee *see* Jaehee You
You Jiangsheng, Bao Shanglian An analytic formula for fully 3D image reconstruction 35227
You Kim Sun *see* Sun You Kim
You Ming-Young *see* Ming-Young You
You Wan-Sik *see* Wan-Sik You
You Wang, Miyagi, M. Simultaneous measurement of optical constants of dispersive material at visible and infrared wavelengths 36944
You Wen-Tong *see* Wen-Tong You
You Xu, Crebbin, G. Image blur identification by using higher order statistic techniques 57496
You Yi Zhang Redundancy of parallel thinning 46221
You Yong-Lu *see* Huang Wen-Zhong 44354
You Yu-Li *see* Yu-Li You
You-Dou Zheng *see* Zheng You-Dou
You-Hua Qian *see* Liang-Yao Chen 48970
You-Jie Zhang *see* Zhang You-Jie
You-Kee Lee *see* Jong-Wan Park 52776
You-Li Chen, Bor-Sen Chen Model-based multirate representation of speech signals and its application to recovery of missing speech packets 45702
You-Ming Chiu *see* Chung-Wei Ku 5179
You-Ming Chiu *see* Chung-Wei Ku 25385
You-Ming Chiu *see* Chung-Wei Ku 56954
Youan Ke *see* Ke Youan
Youbin Peng, Arte, P., Hanus, R. Quantitative model-based fault diagnosis using belief functions 52358
Youdou Zheng *see* Feng Wang 54378
Youdou Zheng *see* Shulin Gu 10851
Youdou Zheng *see* Zheng Youdou
Youer Liu *see* Liu Youer
Youfang Xu *see* Xu Youfang
Youfen Li *see* Li Youfen
Youfu Li A filter design method for robot tip velocity derivation 59017
Youg-Hak Chang *see* Young-Cheol Lim 50398
Yougang Gao *see* Yinghua Lui 34135
Yougiun Zhao *see* Zhao Yougiun
Yougui Wang *see* Jinhai Si 3993
Youhong La *see* Joshi, S. 34865
Youhong Lu, Morris, J.M. Novel critical-sampled discrete Gabor transforms 34866
Youhong Lu, Morris, J.M. A novel design technique of filterbank systems 34909
Youhong Lu, Morris, J.M., Feichtinge, H.G. On a complementary condition to derivation of discrete Gabor expansions 24988
Youhua Qian *see* Qian Youhua
Youjie Ma *see* Ma Youjie
Youjie Zhang *see* Zhang Youjie
Youk, G.U. Dose rate effects of a bipolar A/D converter 41276
Youl Kang Seok *see* Seok Youl Kang
Youl Kang Seung *see* Seung Youl Kang
Youl Kim Sang *see* Sang Youl Kim
Youl-Moon Sung, Hee-Kap Park, Yun-Seok Jang, Jung-Soo Cho, Chung-Hoo Park Development of the protective thin-film coating technology in the cooling water pipe of the nuclear power plant 9059
Youlai Ren *see* Ren Youlai
Youle, G., Cochrane, N. A multi-channel general purpose research echo sounder 50185
Youlin Li, Bhushan, B. Wear and friction studies of contact recording interface with microfabricated heads 55052
Youmans, D. *see* Corbett, F. 36262
Youmei Sun *see* Sun Youmei
Youming Feng *see* Feng Youming
Youn, C. *see* Ryu, J.H. 47231
Youn, C.J. *see* Keunjoo Kim 54439
Youn, D.H. *see* Choi, Y.S. 45667
Youn, H.Y., Choo, H. On multistage interconnection networks with unit step buffering (USB) scheme 25847
Youn, J., Shin, K., Park, H., Kim, D. Effects of process parameters on microloading in sub-halfmicron aluminum etching 54508
Youn, K.-K. *see* Kim, S.-M. 21974
Youn, L.T. *see* Bollini, R. 29057
Youn, L.T. *see* Chen, J.-S. 45964
Youn, L.T. *see* Jen-Shiun Chen 14661
Youn, S., Terrill, K., Wu, C.-C., Shy, P., Lien, C.-D. Reliability issue on pipeline defects in CMOS memory devices 41179
Youn Chang Joo *see* Chang Joo Youn
Youn Chang-Joo *see* Chang-Joo Youn
Youn Chen Ing *see* Ing Youn Chen
Youn Cheong *see* Cheong Youn
Youn Choung Dual-band offset gimballed reflector antenna 34232
Youn Choung *see* Chen, C.H. 34486
Youn Dae Hee *see* Dae Hee Youn
Youn Dae-Hee *see* Ju Kyoung-Hwan 34838
Youn Dae-Hee *see* Dae-Hee Youn
Youn Kim Kyung *see* Kyung Youn Kim
Youn Myung Joong *see* Myung Joong Youn
Youn Myung-Joong *see* Myung-Joong Youn
Youn Sung-Kie *see* Sung-Kie Youn
Youn Tae Kim, Chi-Hoon Jun, Jin Ho Lee, Jong Tae Baek, Hyung Joun Yoo TiN barrier layer formation by the two-step rapid thermal conversion process 12615
Youn Wang *see* Wang Youn
Youn Won-Sik *see* Won-Sik Youn
Youn Young Sik *see* Young Sik Youn
Youn-Kwae Jeong *see* Byeong-Cheol Choi 58187
Youn-Long Lin Computing brokerage and its application in VLSI design 43210
Youn-Long Lin *see* Tsung-Yi Wu 21449
Youn-Long Lin *see* Yu-Wen Tsay 40831
Youn-Myung Kim *see* Jong-Woon Choi 3678
Youn-Oh Jung *see* Jung-Hoon Paik 58080
Youn-Seo Roh *see* Tracy, M. 10969
Youn-Sik Hong, Choong-Hee Cho, Gajski, D.D. A quantitative analysis for optimizing memory allocation 41177
Younan, K. *see* Glatfelter, T. 38654
Younan Xia *see* Wang, D. 42808
Younce, R.C. *see* Melsa, P.J.W. 16009
Younce, R.C. *see* Melsa, P.J.W. 16463
Younes, K.B. *see* Girod, B. 35945
Younes, K.Ben *see* Ben Younes, K.
Younes, L. *see* Azencott, R. 5140
Younes, L. *see* Azencott, R. 46076
Young, A., Pankaj, R. Hierarchical topologies for all-optical networks 48019
Young, A. *see* Zwart, T. 36368
Young, A.M. *see* McCleary, A.D. 17795
Young, A.P., Wieder, H.H. Evidence for the occupation of DX centers in $In_{0.29}Al_{0.71}As$ 54156
Young, A.R. Reliable compact electrical power source systems for space launch vehicles 18692
Young, B. Return path inductance in measurements of package inductance matrixes 30202
Young, B. Wideband 2N-port S-parameter extraction from N-port S-parameter data 39820
Young, B. *see* Bo Gu 17668
Young, B. *see* Yang, H.C. 43836
Young, B.A. *see* Cabrera, B. 37470
Young, B.A. *see* Shutt, T. 37472
Young, C., Casinovi, G., Fowler, J., Kerstetter, P. An algorithm for power estimation in switched-capacitor circuits 11113
Young, C.-M., Liu, C.-C., Liu, C.-H. New inverter-driven design and control method for two-phase induction motor drives 9599
Young, C.T. *see* Dai, R. 34272
Young, C.W., Young, M.S., Li, Y.C., Lin, M.T. A new ultrasonic method for measuring minute motion activities on rats 37747
Young, D., Ishihara, O., Grabowski, C., Gahl, J., Schamitloglu, E. Effects of different slow wave structures and finite magnetic field on microwave emission in a BWO 12115
Young, D. *see* Gahl, J.M. 1946
Young, D. *see* Santangelo, D. 49970
Young, D. *see* Yatsuzuka, M. 12090
Young, D.B. *see* Wipiejewski, T. 3841
Young, D.B. *see* Wipiejewski, T. 55736
Young, D.I. *see* Honnrill, C. 60976
Young, D.J., Beaulieu, N.C. On the generation of correlated Rayleigh random variates by inverse discrete Fourier transform 45811
Young, D.J. *see* Alexiades, A.N. 50408
Young, D.J. *see* Knight, R.C. 38297
Young, D.T. Miniaturized high performance sensors for space plasmas 8456
Young, E.T. *see* Barber, H.B. 37663
Young, E.W.A., De Wit, A.R., Van Weert, A.A.M., Van Der Voort, E., Gelderland, S.M.R., Fokkink, L.G.J., Blees, M.H., Balkenende, A.R. Application of metallization patterns to glass 58941
Young, F.J. *see* Kent, G. 41535
Young, G. Telstra's rapid deployment of a broadband network 48235
Young, G.J. *see* Attas, E.M. 35336
Young, G.L., McDonald, K.A., Palazoglu, A. Thermal stress analysis of crystal growth in a horizontal Bridgman furnace 30721
Young, G.R. *see* Britton, C.L., Jr. 59321
Young, G.R. *see* Emery, M.S. 59331
Young, G.R. *see* Ericson, M.N. 59314
Young, G.R. *see* Jackson, R.G. 59322
Young, G.R. *see* Simpson, M.L. 28049
Young, G.R. *see* Smith, R.S. 59336
Young, G.R. *see* Wintenberg, A.L. 59316

Young, I.R., Dalton, M.A., McMahon, P.J., Verhagen, L.A. Design of an integrated shallow water wave experiment 50089
Young, I.R. *see* Burl, M. 7962
Young, I.R. *see* Eastham, J.F. 49486
Young, I.T. Sampling density for image analysis 5578
Young, J. *see* Graham, D. 26301
Young, J.A., McMillan, L.A. Data error performance bounds for co-sited advanced waveforms 60148
Young, J.A.De *see* De Young, J.A.
Young, J.F. *see* Dennis, T. 36151
Young, J.F. *see* Kanskar, M. 43997
Young, J.F. *see* Morin, R. 23985
Young, J.F. *see* Nguyen, L. 36194
Young, J.F. *see* Pacradouni, V. 3409
Young, J.S. *see* Kozlowski, D.A. 23988
Young, K. *see* Rindos, A. 46563
Young, K.K. Superkamiokande. Observatory for the physics and astrophysics of neutrinos is nearing completion 28038
Young, K.M. *see* Beck, S.E. 42443
Young, K.M. *see* Beck, S.E. 42523
Young, K.M. *see* George, M.A. 42467
Young, K.M. *see* Krasilnikov, A.V. 37524
Young, L. *see* Bok, H. 39954
Young, L. *see* Lawrence, G. 49177
Young, L.E., Jefferson, D.C., Lichten, S.M., Tjoelker, R.L., Maleki, L. Formation of a GPS-linked global ensemble of hydrogen masers, and comparison to JPL's linear ion trap 26663
Young, L.E. *see* Jefferson, D.C. 27334
Young, L.M. *see* Billen, J.H. 49129
Young, L.M. *see* Garnett, R.W. 17896
Young, L.M. *see* Krawczyk, F.L. 7704
Young, L.M. *see* Nath, S. 49168
Young, L.M. *see* Nath, S. 49170
Young, L.M. *see* Stovall, J.E. 49169
Young, L.M. *see* Takeda, H. 49055
Young, M. *see* Wang, C.M. 33051
Young, M.G., Koch, T.L., Koren, U., Raybon, G., Gnauck, A.H., Miller, B.I., Chien, M., Dreyer, K., Behringer, R.E., Tennant, D.M., Feder, K. Six-channel WDM transmitter module with ultra-low chirp and stable λ selection 26833
Young, M.G. *see* Koren, U. 44483
Young, M.G. *see* Raybon, G. 26697
Young, M.G. *see* Raybon, G. 26936
Young, M.S. *see* Lio, H.P. 48811
Young, M.S. *see* Young, C.W. 37747
Young, N. *see* Golin, M.J. 14860
Young, N.D., Harkin, G., Bunn, R.M., McCulloch, D.J., French, I.D. The fabrication and characterization of EEPROM arrays on glass using a low-temperature poly-Si TFT process 1342
Young, N.D., Harkin, G., Bunn, R.M., McCulloch, D.J., Wilks, R.W., Knapp, A.G. Novel fingerprint scanning arrays using polysilicon TFT's on glass and polymer substrates 17545
Young, P., Sun, D., Larson, D., Pasquinelli, R., Anderson, K., Bieniosek, F., Schmidt, C.W., Popovic, M., McCrory, E., Webber, R., Link, J., Krohn, K., Bida, J. Progress update on the development of the ^{3}He linac for PET isotope production 37201
Young, P. *see* McCrory, E. 37154
Young, P.R., Collier, R.J. Low loss phase shifter for dielectric waveguide 11670
Young, R. *see* Morehead, F. 41894
Young, R. *see* Schatzki, T.F. 46120
Young, R.C. *see* Howell, J. 340
Young, R.C.D., Chatwin, C.R. Computation of the forward and inverse Radon transform via the central slice theorem employing a non-scanning optical technique 5459
Young, R.E., Xiang Li, Perone, S.P. Prediction of individual cell performance in a long-string lead/acid peak-shaving battery: application of artificial neural networks 29541
Young, R.H. *see* Lin, L.-B. 44205
Young, R.H. *see* Weiss, D.S. 33834
Young, R.I. *see* Macgregor, A.E. 56836
Young, R.K. *see* Sibul, L.H. 24991
Young, S. Affordable reliable packaging technologies for avionics systems of the coming era 49916
Young, S., Sibata, C.H., Ho, A.K., Shin, K.H. Neural network object recognition for inspection of patient setup in radiation therapy using portal images 28428
Young, S. *see* Currie, A. 60104
Young, S. *see* Duvvury, C. 2655
Young, S. *see* White, R.G. 16955
Young, S.J., Adda-Dekker, M., Aubert, X., Dugast, C., Gauvain, J.-L., Kershaw, D.J., Lamel, L., Steeneken, H.J.M., Woodland, P.C. Multilingual large vocabulary speech recognition: the European SQALE project 56368
Young, S.J. *see* Jones, G.J.F. 14923
Young, S.J. *see* Knill, K.M. 15049
Young, S.J. *see* Valtchev, V. 15067
Young, S.M. *see* Berwick, K. 37306
Young, S.S., Scott, P.D., Bandera, C. Foveal automatic target recognition using a neural network 56780
Young, S.S., Scott, P.D., Nasrabadi, N.M. Object recognition using multilayer Hopfield neural network 35290
Young, S.T., Tzeng, W.L., Kuo, Y.L., Hsiao, M.L., Chiang, S.R. Real-time tracing of spermatozoa 18266
Young, T., Conradi, J., Tinga, W.R. BER characteristics of π/4 DQPSK microwave subcarrier signals on optical fiber using Mach-Zehnder modulator nonlinear upconversion 6726
Young, T. *see* Oh, S.Y. 43240
Young, T.L. *see* Sproul, A.B. 39001
Young, V.E. *see* Korpi, M.F. 17102
Young, W.K. *see* Collingridge, D.R. 49407
Young, W.T. *see* Shreter, Yu.G. 12269
Young -Ki Baek *see* Jin-Boo Choo 60238
Young Bae Choi *see* Tang, A. 35616
Young Bae Lee, Kwang Pyo Chae Crystallographic and magnetic properties of a Y-Gd-Fe-In-O garnet system 23339
Young Bong Kang *see* Hu, G.Y. 13038
Young Bong Kang *see* Sang Chil Lee 54189
Young Boo Kim, Soon Seok Lee, Chang Hwan Oh, Young Sun Kim, Chimoon Han, Chu Hwan Yim An architecture of scalable ATM switching system and its call processing capacity estimation 16491
Young Bum Koh *see* Tai-Su Park 42593
Young Cho Kim *see* Hoi Hwan Chung 12737
Young Choi Tae *see* Choi Tae Young
Young Choon Kim, Won Sik Chung, Joong Gon Kim, Kuhn Il Lee Predictive motion estimation algorithm using spatio-temporal correlation of motion vector 4947
Young Gyu Rho *see* Coffer, J.L. 12004
Young Gyun Jeong, Jin Su Kim, Myoung Jin Kim Implementation of code tracking loop for PCS system 58181
Young Hee Lee *see* Keunjoo Kim 2402
Young Ho Park, Cha Hwan Oh, Pill Soo Kim, Sung Hoon Yang, Ho Seong Lee Frequency stabilization of a semiconductor laser using Zeeman modulation method 3948
Young Hun Seo *see* Kee Suk Nahm 42428
Young Hwan Lee, Se Hyug Kwon Methodology on measuring the quality of service in telecommunications 46845
Young Hwang Sun *see* Sun Young Hwang
Young Il Kim *see* Jun Mo Koo 47764
Young Jae Huh, Jong Sung Kim, Tae Young Nam, Sung Chul Kim Deformation effects and recording characteristics of compact disc-recordables 43898
Young Jei Oh *see* Seung Hyun Kim 32618
Young Jin Jeon *see* Di Fabrizio, E. 42886
Young Jin Kim *see* Seong-Wog Suh 43484
Young Jin Kim *see* Tae Young Ma 21322
Young Jo Bang, Sang Wu Kim A new spreading scheme for convolutionally coded CDMA communication in a Rayleigh-fading channel 6482
Young Joon Im *see* Chang Min Kim 44039
Young Joong Joe *see* Cat, H.H. 55355
Young Jun Park *see* Jung Ho Park 44190
Young June Park *see* Kyung Goo Moh 43128
Young Jung Kim *see* Yoshida, K. 51755
Young Keun Chang *see* Su-An Choi 36774
Young Kil Kim *see* Kim Young Kil
Young Kim Dae *see* Dae Young Kim
Young Kim Duk *see* Duk Young Kim
Young Kim Jae *see* Jae Young Kim
Young Kim Jin *see* Jin Young Kim
Young Kim Kwang *see* Kwang Young Kim
Young Kim Moo *see* Moo Young Kim
Young Kuk Ham *see* Kang-Sik Yoon 46176
Young Kuu-Young *see* Kuu-Young Young
Young Kwak Mi *see* Mi Young Kwak
Young Lee Chin *see* Chin Young Lee
Young Lee Jae *see* Jae Young Lee
Young Lee Keun *see* Keun Young Lee
Young Lee Nak *see* Nak Young Lee
Young Lee Tae *see* Tae Young Lee
Young Ma Tae *see* Tae Young Ma
Young Min Kang *see* Kyeong Seok Lee 54920
Young Min Kwon, Jin Ho Song Feasibility of long term feed and bleed operation for total loss of feedwater event 19520
Young Mo Hwang *see* Jung Ho Park 44190
Young Moon Park, Gwang-Won Kim, Jin-Man Sohn A logic based expert system (LBES) for fault diagnosis of power system 50653
Young Myoung Kim, Jai Hyun Kim, Soung Hie Kim Formalization of the operations systems for the management of telecommunications network using MADM methodology 46915
Young Nam Tae *see* Tae Young Nam
Young Park Joo *see* Joo Young Park
Young Ryul Lee *see* Sung Kim 50704
Young Shik Moon *see* Sang Jin Kim 57976
Young Sik Baek *see* Yong Keol Kim 55010
Young Sik Kim *see* Tae Moon Roh 13021
Young Sik Sun, Seung Hoon Woo, Chang Hyun Kim, Seung Ho Lee A development of the 10 MHz FORWARD ZVS-MRC isolated power module for on-board application 51281
Young Sik Youn, Chong Kwan Un Performance of dilated banyan network with back-pressure mechanism 16135
Young So Park *see* Soon Oh Park 1350
Young Sohn Kwang *see* Kwang Young Sohn
Young Sohn So *see* So Young Sohn
Young Soo Kim, Kwang Sub Yoon An analog layout floorplanner using its parameterized module layout structure 54753
Young Soo Kim *see* Min Jeon 48080
Young Soo Park *see* Sung Hoon Kim 30883
Young Suh Ki *see* Ki Young Suh
Young Sun Kim *see* Young Boo Kim 16491
Young Sun Ryu *see* Byung Kwon Song 30776
Young Tae Kim *see* Choung Suk Oh 15682
Young Uk Jeong *see* Sung Oh Cho 7718
Young Um Ki *see* Ki Young Um
Young Whan Na *see* Joo Hyun Cho 29043
Young Yoon Soo *see* Soo Young Yoon
Young-An Kim, Nakagawa, M. R-ALOHA protocol for SS inter-vehicle communication network using head spacing information 26376
Young-Bae Choo *see* Seok-Gyu Oh 50931
Young-Bae Lim *see* Young-Soo Seo 20136
Young-Bae Park, Xiaodong Li, Shi-Woo Rhee Characterization of the Si/SiO_2 interface formed by remote plasma enhanced chemical vapor deposition from SiH_4/N_2O with or without chlorine addition 54299
Young-Bin Kwon *see* Min-Ki Kim 5600
Young-Bog Kim *see* Byung-Jin Cho 42511
Young-Bog Kim *see* Se-Ang Jang 54445
Young-Bog Park, Schroder, D.K., Il-Hwan Lim C-t analysis of MOS capacitors under constant current stress 42322
Young-Boong Chung *see* Yong-Wan Kim 17388
Young-Bum Koh *see* Byung-Hyuk Jun 55374
Young-Bum Koh *see* Myoung-Bum Lee 41540
Young-Cheol Kim, Jeoung-Chill Shim, Young-Jun Cho, Young-Taek Song, Soek-Kyoung Hong, Sun-Ung Kim, Mann-Jang Park Thermal distribution in the boat using finite element method and growing of MCT by LPE 30778
Young-Cheol Kim *see* Yong-Jun Cho 30775
Young-Cheol Lim, Young-Gook Jung, Seok-Hwan Na, Chan-Hak Choi, Youg-Hak Chang, Seung-Hak Yang A DSP based power analyzing and control system using three-dimensional current coordinates 50398
Young-Cho Shim *see* Jong-Uk Bu 17255
Young-Chon Kim *see* Ho-Sook Lee 58319
Young-Choon Kim, Sung-Won Ban, Joong-Gon Kim, Yong-Su Seo, Kuhn-Il Lee Multispectral image data compression using classified vector quantization 15677
Young-Chul Shim Developing a managed system in a telecommunication management network 5955
Young-Chun Kim *see* Young-Soo Seo 20136
Young-Dae Son *see* Gyu-Tak Kim 61151
Young-Duk Park *see* Seon-Ja Kim 58008
Young-Geun Lee *see* Kwang-Sik Lee 2889
Young-Gil Kim *see* Soon-Jin Cho 52249
Young-Gon Kim *see* Kwang-Seong Choi 54682
Young-Gook Jung *see* Young-Cheol Lim 50398
Young-Gu Ju, Jung-Hoon Ser, Yong-Hee Lee Analysis of metal-interlaced-grating vertical-cavity surface-emitting lasers using the modal method by modal expansion 44522
Young-Gyoon Ryu *see* Su-Il Pyun 29597
Young-Hee Kim, Jae-Yoon Sim, Hong June Park, Jae-Ik Doh, Kun-Woo Park, Hyun-Woong Chung, Jong-Hoon Oh, Choon-Sik Oh, Seung-Han Ahn Analysis and prevention of DRAM latch-up during power-on 21666
Young-Hie Lee *see* In-Gil Park 43423
Young-Ho Cho *see* Jeung Sang Go 13169
Young-Ho Cho *see* Ki Bang Lee 13191
Young-Ho Cho *see* Ki Bang Lee 23038
Young-Ho Cho *see* Ki Bang Lee 23078
Young-Ho Cho *see* Kyoung-Sun Seo 13774
Young-Ho Cho *see* Kyoung-Sun Seo 23630
Young-Ho Cho *see* Kyoung-Sun Seo 44152
Young-Ho Kim *see* Seong-Hoon Lee 32197
Young-Ho Kim *see* Soo-Ho Bae 33264
Young-Ho Lee, Jin-Woo Shin, Sang-Jin Kim, Pan-Seok Shin, Chang-Yul Cheon Numerical analysis of double feeder cavity characteristics using scattering parameters 41412
Young-Ho Lee, Kawamata, M., Higuch, T. GA-based design of multiplierless 2-D state-space digital filters with very small roundoff noise 15279
Young-Ho Lee, Kawamata, M., Higuchi, T. GA-based design of multiplierless 2-D digital filters with very low roundoff noise 53435
Young-Ho Lim *see* Tae-Sung Jung 1329
Young-Hun Lim, Varadan, V.V., Varadan, V.K. Finite-element modeling of the transient response of MEMS sensors 48437
Young-Hwan Kim, Sung-Hwan Ong, Cheol-Woo You, Chang-Eon Kang, Dae-Sik Hong A detection method for partial response signaling on the digital magnetic recording systems 55057
Young-Hwan Ohk *see* Doo-Sung Shin 19375
Young-Hyun Cho *see* Han-Soo Lee 29046
Young-Hyun Moon *see* Se-Ho Kim 50544
Young-Il Ha *see* Hyung-Rae Park 6612
Young-Il Kim, Yong-Oak Jin A study on traffic analysis in voice/data mixed PCS system 6497
Young-Jae Cho, Noma, M., Hamakawa, Y. Filtered full-color thin-film electroluminescent device with ZnS:TbOF/ZnS:PrOF phosphor layers 44266
Young-Jin Choi, Jin-Suk Wang Fabrication and characterization of cover glasses for space solar cells 51584
Young-Jin Hong, Oh, S.M. Fabrication of polymer electrolyte fuel cell (PEFC) H_2 sensors 7481
Young-Jo Ko, Jae-Yel Yi, Seong-Ju Park, El-Hang Lee, Chang, K.J. Theoretical study of epitaxial growths on As-covered Si(100) surfaces 52734
Young-Joon Baik *see* Seongjin Kim 53961

Young-Joon Choi, Kang-Deog Suh, Yong-Nam Koh, Jong-Wook Park, Ki-Jong Lee, Yun-Jin Cho, Byung-Hoon Suh A high speed programming scheme for multi-level NAND flash memory 1403
Young-Joon Choi *see* Tae-Sung Jung 1329
Young-Jou Lai *see* Shih-Yen Lin 52316
Young-Jun Cho *see* Young-Cheol Kim 30778
Young-June Park *see* In-Young Chung 11440
Young-June Park *see* Jai-Hyuk Song 2627
Young-June Park *see* Jin-Yang Kim 54625
Young-June Park *see* Jong-Ho Lee 54643
Young-Jung Kim *see* Sang-Baeck Yoon 51046
Young-Kai Chen *see* Jenshan Lin 41717
Young-Kai Chen *see* Minch, J. 55681
Young-Keun Park, Gyungho Lee ATM cell scheduling with queue length-based priority scheme 46654
Young-Keun Park, Gyungho Lee A modular and scalable ATM switch using shared buffer architecture 58079
Young-Kil Shin Numerical prediction of operating conditions for magnetic flux leakage inspection of moving steel sheets 39865
Young-Kil Shin, Yushi Sun, Lord, W. Numerical techniques for solving magnetostatic problems involving motion and nonuniform geometry 44922
Young-Kiu Choi *see* Hyun-Sik Kim 60793
Young-Kook Lee, Dong-Seok Hyun The switching characteristics of MOS-controlled thyristor and a PSPICE model for circuit simulation 42970
Young-Kung Kim *see* Sang-Shin Yoo 47484
Young-Kwan Moon *see* Dong-Joon Kim 60583
Young-Kwon Hahm Trellis-coded 16-QAM with base station antenna switching in slow Rayleigh fading channel 56342
Young-Kyu Kwon *see* Seo-Kyu Lee 54665
Young-Kyu Sohn, Yisok Oh, Yeon-Geon Koo Analysis of a parasitic-tuned microstrip antenna using the FDTD method 34247
Young-Kyu Yang *see* Kyoung-Ok Kim 57523
Young-Mo Gu, Choong Woong Lee Multilevel coded 16-QAM schemes for Rayleigh fading channels 34561
Young-Mon Hwang *see* Seok-Gyu Oh 50931
Young-Moon Park, Kwang-Ho Lee Application of expert system to power system restoration in subcontrol center 60295
Young-Moon Park, Seung-Ho Hyun, Jin-Ho Lee A synchronous generator stabilizer design using neuro inverse controller and error reduction network 19107
Young-Moon Park, Un-Chul Moon, Lee, K.Y. A power system stabilization with an adaptive fuzzy logic controller 50383
Young-Moon Park *see* Heung-Jae Lee 9445
Young-Moon Park *see* Heung-Jae Lee 9455
Young-Moon Park *see* Jin-Boo Choo 60238
Young-Nam Hwang, Sanghun Shin, Hong Lee Park, Seung-Han Park, Ung Kim, Hong Sik Jeong, Eunjoo Shin, Dongho Kim Raman shifts of CdSe quantum dots in glass matrices 12500
Young-Nam Hwang, Sanghun Shin, Hong Lee Park, Seung-Han Park, Ung Kim, Hong Sik Jeong, Eun-Joo Shin, Dongho Kim Effect of lattice contraction on the Raman shifts of CdSe quantum dots in glass matrices 22392
Young-No Kim, Hae Dong Lee, Sun Young Hwang An interconnect allocation algorithm for performance-driven datapath synthesis 31041
Young-Pil Park *see* Byung-Kwon Min 59004
Young-Pyung Kim *see* Jong-Woon Choi 3678
Young-Sam Jun *see* Jong-Uk Bu 17255
Young-Sang Kim *see* Seung Soo Chae 7070
Young-Se Kwon *see* Choong-Mo Nam 41514
Young-Se Kwon *see* Dong-Wook Kim 11689
Young-Se Kwon *see* Jong-Wan Jung 41527
Young-se Kwon *see* Kye-ik Jeon 32446
Young-Se Kwon *see* O-Seung Yang 33294
Young-Seek Oh *see* Sang-Keun Kwon 41331
Young-Seog Kang, Tanaka, I., Adachi, H., Soon Ja Park Growth mechanism of $BaTiO_3$ thin film by theoretical calculation of electronic structure 13247
Young-Seog Song, Yong Hoon Lee Formulas for McClellan transform parameters in designing 2-D zero-phase FIR fan filters 4623
Young-Seok Jung *see* Jun-Young Lee 51274
Young-Seok Kim, Jun-Young Ahn, Wan-Sik You, Kyu-Min Cho A speed sensorless vector control for brushless DC motor using binary observer 51040
Young-Seok Kim, Seoung-Beom Kim, Jin-Soo Kim, Chung-Hee Yoo, Hyun-Jung Kim Two-degree-of-freedom speed control of induction motor having two-mass resonant system 50976
Young-Seok Kim *see* Sang-Uk Kim 9233
Young-Seok Kim *see* Sang-Uk Kim 29252
Young-Seok Yoo *see* Yoon-Ho Kim 51749
Young-Shik Moon *see* Dong-Ho Lee 5021
Young-Shik Moon *see* Tae-Hyeon Kim 25468
Young-Shik Moon *see* Tae-Hyeon Kim 53776
Young-Shik Moon *see* Tae-Hyeon Kim 58643
Young-Sik Baek *see* Ji-Ho Park 50980
Young-Sik Park, Gi-Seok Kim, Yong-Suk Kim, Kun-Woen Song, Yeong-Ho Ha Efficient hierarchical segmentation based on PSNR for low bit rate coding 57061
Young-Sik Park *see* Gi-Seok Kim 57059
Young-Soo Kim *see* Chang-Joo Kim 24632
Young-Soo Myung, Hu-Gon Kim, Dong-Wan Tcha Optimal load balancing on SONET bidirectional rings 58304
Young-Soo Seo, Young-Bae Lim, Dae-Yong Sung, Young-Chun Kim Low speed drive of induction motors using the least order disturbance observer 20136
Young-Soo Yoon *see* Seok-Keun Koh 14232
Young-Soung Kim *see* Dong-Chan Kim 42673
Young-Sun Kim *see* Chun-Kwan Park 25874
Young-Sup Kim *see* Hong-Shik Park 47474
Young-Tae Park *see* Seok-Myeong Jang 50659
Young-Tae Park *see* Seok-Myeong Jang 51048
Young-Taek Song *see* Yong-Jun Cho 30775
Young-Taek Song *see* Young-Cheol Kim 30778
Young-Wan Choi, Kwangjoon Kim, O-Kyun Kwon Logical and relational operations of optical bistable devices operating without external bias 23616
Young-Wook Cha, Jong-Oh Kim, Kyou-Ho Lee, Ki-Jun Han Multiaccess ATM network for residential and small business subscribers 57563
Young-Wook Cha *see* Jong-Oh Kim 57736
Youngbluth, O. *see* Woods, D.C. 8465
Youngbok Choi, Tode, H., Okada, H., Ikeda, H. A large capacity photonic ATM switch for wavelength division multiplexing networks 47500
Youngchan Moon *see* Okhyun Jeong 56185
Youngchun Kim, Akhtar, S. Simulation of Shuffenet multichannel network under single link failure 46820
Youngdahl, C.A. *see* Cha, Y.S. 32954
Younggyun Kim, Jaekyun Moon, Soon Tae Kim, Yong Deok Jang, Sun Tae Lee Equalizer and detector performance in digital VCRs 7099
Youngho Lee, Byung Ha Lim, Park, J.S. A hub location problem in designing digital data service networks: Lagrangian relaxation approach 57681
Youngin Shin Oh, Farison, J.B. Model and optimal filtering of linearly-additive spatially-invariant continuous-measurement imaging 5166
Youngjin Choi, Jinsuk Wang Stability analysis of a voltage-temperature (V/T) limit circuit for satellite power system 18669
Youngjun Yoo, Ortega, A., Ramchandran, K. A novel hybrid technique for discrete rate-distortion optimization with applications to fast codebook search for SVQ 24657
Youngkon Lee, Songchun Moon Dynamic replication control scheme using logical configuration information: DYRECT 46729
Youngkwon Cho, Jae Hong Lee Performance of narrowband interference suppression filters in a direct sequence code division multiple access system 47535
Youngkyun Kim *see* Taeyeon Kim 46910
Youngs, I.J. *see* Stemp, P.W. 48826
Youngs, L., Billus, G., Jones, A., Paramanandam, S. Design of the UltraSPARC™-I microprocessor for manufacturing performance 41236
Youngs, L., Paramanandam, S. Mapping and repairing embedded-memory defects 31317
Youngs, L. *see* Paramanandam, S. 41237
Youngseok Lee *see* Yongjun Im 46821
Youngseok Suh *see* Tae Moon Roh 13021
Youngsoo Shin, Kiyoung Choi Software synthesis through task decomposition by dependency analysis 11344
Youngwoo Kwon, Pavlidis, D., Hein, K., Brock, T. Striped-channel InAlAs/InGaAs HEMTs with shallow-grating structures 11682
Youngzhao Shen *see* Jie Gu 35318
Younis, K.S., Rogers, S.K., DeSimio, M.P. Vector quantization based on dynamic adjustment of Mahalanobis distance 5275
Younki Min, Sung-Bae Cho, Yillbyung Lee A data reduction method for efficient document skew estimation based on Hough transformation 5644
Younkin, R. *see* Johnson, K.S. 2484
Younsi, A. *see* Braun, J.-M. 19337
Younsi, A. *see* Scully, B.G. 13282
Youping He *see* He Youping
Youping Zhao *see* Zhao Youping
Youqing Wang *see* Wang Youqing
Youra, H., Inoue, T., Masuzawa, T., Fujiwara, H. On the synthesis of synchronizable finite state machines with partial scan 11407
Youra, H. *see* Inoue, T. 53129
Youren Xu *see* Xu Youren
Yourong Wei *see* Wei Yourong
Yousef, S.Y., Schormans, J.A. Performance, interarrival, and correlation analysis of four-phase MMPP model in ATM-based B-ISDN 16039
Yousef, S.Y., Schormans, J.A. Modelling the ATM bursty and correlated input processes with a 4-state MMBP 25906
Yousef, S.Y., Schormans, J.A. Performance, interarrival, and correlation analysis of the 4-phase MMPP model in the ATM based B-ISDN 25908
Yousef-Zai, F.Q., O'Kelly, D. Solid-state on-load transformer tap changer 9295
Yousefi-Koma, A. *see* Vukovich, G. 2996
Youshi Xu A modified Euclidean algorithm and the VLSI implementation 1441
Youshou Wu, Huisheng Chi, Yixin Zhong, Aike Guo, Zong Sha Neural network research achievements in China 1659
Yousong Mei *see* Chunming Qiao 36161
Yousong Mei *see* Chunming Qiao 57950
Youssef, A. *see* Bellaachia, A. 46646
Youssef, A. *see* Maly, K. 39623
Youssef, A.M., Tavares, S.E. Information leakage of a randomly selected Boolean function 4508
Youssef, A.M., Tavares, S.E. A comparison of two families of block ciphers 45634
Youssef, A.M., Taveres, S.E. Cryptanalysis of 'non-linear-parity circuits' proposed at Crypto '90 45622
Youssef, A.M. *see* Badawi, A.M. 18358
Youssef, E.-S.A. *see* El-Khamy, S.E. 58176
Youssef, G.M.A., El Mously, M.K., Martinelli, G. Determination of minority carrier transport parameters in CZ-silicon of different thicknesses used in solar cell 12209
Youssef, G.M.A., El Mously, M.K., Martinelli, G. Solar cell parameters for silicon wafers having variable crystallite sizes 20049
Youssef, H. *see* Sait, S.M. 32503
Youssef, S.A., Habib, I.W., Saadawi, T.N. A neural network control for effective admission control in ATM networks 5720
Youssef, S.A., Habib, I.W., Saadawi, T.N. A neurocomputing controller for bandwidth allocation in ATM networks 25854
Youssof, S. *see* Morris, J.E. 41620
Youssouf, A., Kinnaert, M. Observer based residual generator for singular systems 30373
Youtang Yang *see* Yang Youtang
Youting Shen *see* Shen Youting
Youtsey, C., Adesida, I., Bulman, G. Broad-area photoelectrochemical etching of GaN 32195
Youtsey, C., Adesida, I., Soole, J.B.D., Amersfoort, M.R., LeBlanc, H.P., Andreadakis, N.C., Rajhel, A., Caneau, C., Koza, M.A., Bhat, R. Fabrication of InP-based wavelength division multiplexing arrayed waveguide filters using chemically assisted ion beam etching 23642
Youtsey, C. *see* Panepucci, R. 22377
Youtsey, C. *see* Soole, J.B.D. 23529
Youtsey, C. *see* Soole, J.B.D. 26929
Youtsey, C. *see* Soole, J.B.D. 48000
Youwei Du *see* Zaibing Guo 43642
Youwei Du *see* Du Youwei
Youwen Xiao *see* Xiao Youwen
Youyan Liu *see* Liu Youyan
Youyi Lin *see* Lin Youyi
Youyi Wang *see* Yoke Lin Tan 50437
Yovanof, G.S. Compression in a printer pipeline 5330
Yovanof, G.S. *see* Konstantinides, K. 35298
Yovanovich, M.M. *see* Teertstra, P. 30304
Yovanovich, M.M. *see* Teertstra, P. 52258
Yovanovich, M.M. *see* Teertstra, P. 52290
Yovine, S. *see* Maler, O. 1231
Yow, H.K. *see* Lye, B.C. 12896
Yow Ho-Kwang *see* Ho-Kwang Yow
Yow Lin Ta *see* Ta Yow Lin
Yowell, R.J. *see* Parrot, M. 48197
Ypsilantis, T. *see* Weilhammer, P. 37429
Yssel, W.J., Torrez, W.C., Lematta, R.A. Measures of effectiveness for multiple ROTHR track data fusion (MRTDF) 27082
Ytrehus, O. *see* Hole, M.F. 24743
Ytterdal, T., Shur, M.S., Hurt, M., Peatman, W.C.B. Enhancement of Schottky barrier height in heterodimensional metal-semiconductor contacts 43123
Ytterdal, T. *see* Jacunski, M.D. 12953
Yu, A. The future of microprocessors 11490
Yu, A., Lee, R., Flynn, M. An evaluation of video fidelity metrics 46373
Yu, A.M. *see* Choe, H.C. 56591
Yu, B. *see* Barette, J. 59207
Yu, B. *see* Kern, A. 51907
Yu, B. *see* Li, P. 4710
Yu, B. *see* Wang, R. 7232
Yu, B. *see* Wu, X. 55879
Yu, B.-G. *see* Lee, S.-H. 1410
Yu, B.-H. *see* Kern, A. 9328
Yu, B.C., Donohoe, G.W. A comparative review of boundary completion problem 15517
Yu, C. *see* Russell, L. 57925
Yu, C.-C. Adaptive iterative approach for determining the permittivity and thickness of dielectric slab 43434
Yu, C.-H. *see* de N. Donaldson, N. 28391
Yu, C.C., Morton, D., Stumpf, C., White, R.G., Wilkes, J.E., Ulema, M. Low-tier wireless local loop radio systems. I. Introduction 47438
Yu, C.C., Morton, D., Stumpf, C., White, R.G., Wilkes, J.E., Ulema, M. Low-tier wireless local loop radio systems .2. Comparison of systems 47439
Yu, C.C. *see* Huang, J.C.A. 30824
Yu, C.C. *see* Kumar, R. 21381
Yu, C.F. *see* Su, Y.K. 48523
Yu, C.H. *see* Chang, W.C. 3132
Yu, C.W., David, A.K. Pricing transmission services in the context of industry deregulation 50368
Yu, C.X., Namiki, S., Haus, H.A. Noise of the stretched pulse fiber laser. II. Experiments 55530
Yu, C.X., Namiki, S., Wong, W.S., Haus, H.A. Noise performance of the stretched-pulse ring laser 33409
Yu, C.X. *see* Maniki, S. 33415
Yu, C.X. *see* Namiki, S. 23818
Yu, D., DeMoranville, K., Wong, T., Wong, J. $(Nb,Ti)_3Sn$/Cu multifilamentary superconducting wire with Nb/Ti and Nb/NbTi composite filaments 55097
Yu, D.C., Ramasamy, S., Pai Tang, Niu Gang, Chen, D., He Tang, Flinn, D.G. A Windows based GUI

software tool for system protection simulations in PC environment 8956
Yu, D.G., Chen, C.-H., Holmes, A.L., Jr., Hu, E.L., DenBaars, S.P. Comparing ion damage in GaAs and InP 41936
Yu, D.G., Chen, C.-H., Keller, B.P., Holmes, A.L., Jr., Hu, E.L., Baars, S.P.D. Investigation of improved regrown material on InP surfaces etched with methane/hydrogen/argon 22567
Yu, D.G. *see* Ching-Hui Chen 22568
Yu, D.H. *see* Furst, J.E. 3473
Yu, D.H. *see* Hayes, P.A. 41773
Yu, E.T. Nanoscale characterization of semiconductor materials and devices using scanning probe techniques 31831
Yu, E.T. *see* Lew, A.Y. 792
Yu, E.T. *see* Lew, A.Y. 22335
Yu, E.T. *see* Liu, Q.Z. 40305
Yu, F.F.-K., Meliksetian, D.S., Chen, C.Y.R. Resource management issues of a video server 46055
Yu, F.T.S. Dynamics of photorefractive fiber holograms 44785
Yu, F.T.S. Exploitation of incoherent source for partially coherent processing 57403
Yu, F.T.S., Purwosumarto, P., Jutamulia, S. Application of source encoding to incoherent Talbot imaging and the Lau effect 15686
Yu, F.T.S. *see* Chun-Te Li 46117
Yu, F.T.S. *see* Guowen Lu 35112
Yu, F.T.S. *see* Guowen Lu 46112
Yu, F.T.S. *see* Jianzhong Zhang 24271
Yu, F.T.S. *see* McClain, J.L., Jr. 3481
Yu, F.T.S. *see* Yin, S. 55208
Yu, G., Pei, Q., Heeger, A.J. Planar light-emitting devices fabricated with luminescent electrochemical polyblends 44257
Yu, G.H. *see* Suzuki, T. 11997
Yu, H. *see* Vuwong, V. 15804
Yu, H.-P. *see* Ventrice, C.A., Jr. 2248
Yu, H.A., Kaneko, T., Yoshimura, S., Suhng, Y., Otani, S., Sasaki, Y. The spectro-photovoltaic characteristics of a carbonaceous film/n-type silicon (C/n-Si) photovoltaic cell 29629
Yu, H.A., Kaneko, T., Yoshimura, S., Suhng, Y., Sasaki, Y., Otani, S. The junction characteristics of carbonaceous film/n-type silicon (C/n-Si) layer photovoltaic cell 3604
Yu, H.K. *see* Lee, S. 31498
Yu, H.T., Shao, K.R., Li, L.R., Gu, C.L. Edge-nodal coupled method for computing 3D eddy current problems 44959
Yu, I.A. *see* Walsworth, R.L. 44324
Yu, I.G. *see* Cho, H.J. 40582
Yu, J., Douard, M., Rambaldi, P., Vezin, B., Wolf, J.P. Laser-diode injection seeding of a flashlamp-pumped Q-switched Ti:Al_2O_3 laser oscillator 3737
Yu, J., Rolland, C., Yevick, D., Somani, A., Bradshaw, S. A novel method for improving the performance of InP/InGaAsP multiple-quantum-well Mach-Zehnder modulators by phase shift engineering 33129
Yu, J., Schell, M., Bimberg, D. Generation of single mode picosecond light pulses with tuneable wavelength (48 nm) and repetition rate (0.6 to 5.1 GHz) by a self-injected self-pulsing Fabry-Perot laser diode (1.5 μm) 23936
Yu, J. *see* Adams, D.M. 36140
Yu, J. *see* Ahn, E.C. 39836
Yu, J. *see* Ahn, E.C. 39837
Yu, J. *see* Lawetz, C. 55299
Yu, J.D. *see* Lee, P.C.Y. 13252
Yu, J.E. *see* Holander-Gleixner, S. 42414
Yu, J.E. *see* Robinson, H.G. 2307
Yu, J.G., Cai, Y., Case, S.H., Irving, M.R. Modelling and numerical solution of multibranched DC rail traction power systems [comment and reply] 39309
Yu, J.S. *see* Huang, J.H. 32674
Yu, J.S. *see* Lee, S.H. 23813
Yu, J.S. *see* Shi, B. 30639
Yu, J.W. *see* Horng, R.H. 32087
Yu, J.X., Kian-Lee Tan An analysis of selective tuning schemes for nonuniform broadcast 57936
Yu, K.-B., Hussain, M.A. Sub-array-based phase-only transmit nulling for jamming and clutter suppression 27050
Yu, K.C. *see* Fineberg, A.B. 15118
Yu, K.K. *see* Chou, Y.C. 32449
Yu, K.K. *see* Chou, Y.C. 32450
Yu, K.K. *see* Li, G.P. 22889
Yu, K.M. *see* Cheung, K.K. 46504
Yu, K.M. *see* Duxstad, K.J. 42251
Yu, K.M. *see* Wolk, J.A. 52599
Yu, L. *see* Antos, J. 37373
Yu, L. *see* Donnelly, K.S. 11610
Yu, L. *see* Fleitz, P.A. 24216
Yu, L. *see* Shi, Y. 47949
Yu, L.S. *see* Liu, Q.Z. 42250
Yu, M. *see* Shan, Z.S. 13450
Yu, M.K., Sloboda, R.S., Murray, B. Linear accelerator photon beam quality at off-axis points 49763
Yu, M.L., Ho-Seob Kim, Hussey, B.W., Chang, T.H.P., Mackie, W.A. Energy distributions of field emitted electrons from carbide tips and tungsten tips with diamondlike carbon coatings 22151
Yu, M.L. *see* Chang, T.H.P. 22673
Yu, M.L. *see* Chang, T.H.P. 54555
Yu, M.L. *see* Kim, H.S. 31683
Yu, M.L. *see* Kratschmer, E. 24367
Yu, O.T.W., Leung, V.C.M. Connection architecture and protocols to support efficient handoffs over an ATM/B-ISDN personal communications network 6638
Yu, P. *see* Cheng, L. 19870
Yu, P. *see* Liao, H.B. 24076
Yu, P. *see* Xiao, R.F. 23098
Yu, P.C., Hae-Seung Lee A 2.5-V, 12-b, 5-MSample/s pipelined CMOS ADC 11536
Yu, P.K.L. *see* Jian Mi 12527
Yu, P.K.L. *see* Jiang, H. 58354
Yu, P.K.L. *see* Kellner, A.L. 6426
Yu, P.K.L. *see* Liao, H.H. 58352
Yu, P.K.L. *see* Liu, Q.Z. 58349
Yu, P.K.L. *see* Orazi, R.J. 26899
Yu, P.K.L. *see* Rao, H.G. 6425
Yu, P.K.L. *see* Rao, H.G. 26766
Yu, P.K.L. *see* Welstand, R.B. 3457
Yu, P.K.L. *see* Welstand, R.B. 58350
Yu, P.K.L. *see* Zhu, J.T. 22423
Yu, P.R. *see* Yang, D.I. 40439
Yu, P.Y. *see* Choi, I.-H. 22285
Yu, Q., Round, S.D., Norum, L.E., Undeland, T.M. A new control strategy for a unified power flow controller 50516
Yu, Q., Shiratori, M. A study of mechanical and thermal stress behavior due to global and local thermal mismatch of dissimilar materials in electronic packaging 30245
Yu, Q., Takasawa, Y. Extraction of fundamental frequency from piano music sound 56554
Yu, Q. *see* Fink, T. 7160
Yu, Q. *see* Shiratori, M. 30248
Yu, R., Pierson, R., Zampardi, P., Runge, K., Campana, A., Meeker, D., Wang, K.C., Petersen, A., Bowers, J. Packaged clock recovery integrated circuits for 40 Gbit/s optical communication links 36181
Yu, R., Zhou, J., Yu, S., Chi, D. Fractal-based wavelet transform coding for low bit rate video 15797
Yu, R. *see* Chuang, J.C.-I. 58210
Yu, S. Review of new developments in the field of induction accelerators (electrons and ions) 49040
Yu, S., Eylon, S., Henestroza, E., Grote, D. Space-charge dominated heavy ion beams in electrostatic quadrupole (ESQ) accelerators 18027
Yu, S., Thomson, K.J., Forrest, S.R., Mykietyn, E., Lange, M., Olsen, G.H. A monolithically integrated 1×4 switchable photodiode array with preamplifier for programmable frequency filters and optical interconnects 55471
Yu, S. *see* Eylon, S. 49182
Yu, S. *see* Grote, D.P. 59129
Yu, S. *see* Henestroza, E. 49183
Yu, S. *see* Yu, R. 15797
Yu, S.-C. *see* Lee, C.-H. 806
Yu, S.C. *see* Kim, K.S. 3041
Yu, S.C. *see* Yoo, Y.G. 3143
Yu, S.F. Double-tapered-waveguide distributed feedback lasers for high-power single-mode operation 14186
Yu, S.F., Wong, W.N., Shum, P., Li, E.H. Theoretical analysis of modulation response and second-order harmonic distortion in vertical-cavity surface-emitting lasers 14129
Yu, S.K.W. *see* Hedges, K.R. 19519
Yu, S.S., Eylon, S., Henestroza, E., Peters, C., Reginato, L., Tauschwitz, A., Grote, D., Deadrick, F. 2 MV injector as the Elise front-end and as an experimental facility 59107
Yu, S.S. *see* Barnard, J.J. 59104
Yu, S.S. *see* Houck, T.L. 49092
Yu, S.S. *see* Kim, J.S. 37026
Yu, S.S. *see* Tauschwitz, A. 59162
Yu, S.S. *see* Westenskow, G.A. 49091
Yu, T. *see* Sun, L. 10847
Yu, T.-H. *see* Ramponi, G. 5247
Yu, T.-H. *see* Wu, T.-F. 51124
Yu, T.C.B., Mears, R.J., Davey, A.B., Crossland, W.A., Snook, M.W.G., Collings, N., Birch, M. An analogue spatial light modulator for learning in neural networks 23622
Yu, T.P.Y., Stoschek, A., Donoho, D.L. Translation- and direction-invariant denoising of 2-D and 3-D images: Experience and algorithms 37589
Yu, T.P.Y. *see* Stoschek, A. 5394
Yu, W., Gregory, G., Ingram, P., Devonshire, R. Studies of oxide-cathode/low pressure discharge lamps in a manufacturing test cell 41765
Yu, W. *see* Deblonde, G. 60042
Yu, W. *see* Fu, G.S. 40642
Yu, W.W.H., Xing, S. Performance evaluation of FPGA implementations of high-speed addition algorithms 40998
Yu, W.Y., Salib, M.S., Petrou, A., Jonker, B.T., Warnock, J. Band alignment in ZnSe/Zn_{1-x-y},Cd,Mn,Se quantum-well structures 32040
Yu, X., Pasupathy, S. Error performance of innovations-based MLSE for Rayleigh fading channels 6451
Yu, X. *see* Hoff, L.E. 5551
Yu, X. *see* O'Hara, M. 59678
Yu, X.-C. Advancing reference information systems on the Web 26159
Yu, X.J. A multigrid method for nonlinear parabolic problems 644
Yu, Y., Krause, T.W., Weyman, P., Atherton, D.L. Tensor magnetic hysteresis loop measurements of a steel cube 43636
Yu, Y., Tan, S., Deprettere, E. Stable construction of multi-scale fuzzy-wavelet system for image recovery and compression 25270
Yu, Y. *see* Amos, N. 37445
Yu, Y. *see* Cremaldi, L. 59262
Yu, Y. *see* Lemma, A.N. 25175
Yu, Y.-J. *see* Kim, C.-S. 7423
Yu, Y.M., Chani, V.I., Shimamura, K., Fukuda, T. Growth of $Ca_3(Li,Nb,Ga)_5O_{12}$ garnet crystals from stoichiometric melts 30725
Yu, Y.U. *see* Jung, J.W. 6649
Yu, Z., Flodstrom, A. Pressure dependence of growth mode of HFCVD diamond 40607
Yu, Z. *see* Chen, W.M. 7548
Yu, Z. *see* Richards-Babb, M. 21277
Yu, Z. *see* Sato-Iwanaga, J. 43142
Yu, Z. *see* Voorde, P.V. 43071
Yu, Z. *see* Wang, K. 13101
Yu, Z.X. *see* Huang, X.G. 23862
Yu, Z.X. *see* She, W.L. 24207
Yu Aishui *see* Aishui Yu
Yu Baolong *see* Baolong Yu
Yu Bianzhang *see* Li Ning 16849
Yu Bin *see* Bin Yu
Yu Bing *see* Bing Yu
Yu Bo *see* Lin Zhenghua 10334
Yu Boa-Hua *see* Boa-Hua Yu
Yu Byung Kil *see* Byung Kil Yu
Yu Cei *see* Cei Yu
Yu Chang Feng *see* Chang Feng Yu
Yu Chang-Tai *see* Chang-Tai Yu
Yu Chaowen *see* Xu Zuyan 4073
Yu Chen-Zhou *see* Liu Wen-Hua 9496
Yu Chengfang *see* Wang Xiaolin 53164
Yu Chien-Ning *see* Chien-Ning Yu
Yu Chih-Ho *see* Chih-Ho Yu
Yu Ching-Zhi *see* Yuan Zhing-Xuan 15079
Yu Chuan-Ing *see* Chuan-Ing Yu
Yu Chunying *see* Chunying Yu
Yu Congxuan *see* Zhu Peiwang 3315
Yu Crid *see* Crid Yu
Yu Dan-Chu *see* Dan-Chu Yu
Yu Daoyin *see* Daoyin Yu
Yu Dapeng *see* Dapeng Yu
Yu Donggang *see* Donggang Yu
Yu Donghan *see* Donghan Yu
Yu Donghau, Sheng Biao Applied and analysed in reinforced concrete construction by GPR with duration of 1 ns [EM wave propagation] 56022
Yu Erkeng, Liu Guangyi, Wang Mingjun Distribution automation and its development–application software for distribution management systems 19294
Yu Erkeng, Xie Kai, Zhou Jingyang, Liu Guangyi Discussion on energy management system under electricity market condition 28796
Yu Erkeng *see* Cao Shiguang 50396
Yu Erkeng *see* Hao Yuguo 50316
Yu Erkeng *see* Hao Yuguo 50373
Yu Erkeng *see* Liu Guangyi 50536
Yu Erkeng *see* Liu Guangyi 60376
Yu Erkeng *see* Pan Yi 38298
Yu Erkeng *see* Pun Yi 50375
Yu Fang, Albicki, A. Joint scheduling and allocation for low power 13064
Yu Feihong *see* Feihong Yu
Yu Gang High performance photonic devices made with semiconducting polymers 13879
Yu Gong *see* Gong Yu
Yu Gongsan *see* Gongsan Yu
Yu Gongxin, Zhou Hui, Qi Xinmin, Zhang Xiaohai, Li He Study on the laws of extension of corrosion crack in super-high strength steel by holographic interferometry 44819
Yu Guang-Rui *see* Wang Jian-Hua 2143
Yu Guanghui *see* Sun Hongbo 44441
Yu Guofen, Gong Yubin, Wang Wenxiang Analysis on a new slow-wave structure for millimeter wave TWT 54004
Yu Guofen *see* Guofen Yu
Yu Guohua, Xiang Qing, Ren Xuebing, Liu Yonghong, Huang Dexiu Loss theory of GRIN lens off-axis coupling 44156
Yu Gwon-Jong *see* Gwon-Jong Yu
Yu Gyun Shin *see* Han Sin Lee 2361
Yu Gyun Shin *see* Tai-Su Park 42593
Yu Haiwu *see* Haiwu Yu
Yu Hajin *see* Hajin Yu
Yu Hao *see* Han Jinghong 36724
Yu Haoping *see* Haoping Yu
Yu He Ching *see* He Ching Yu
Yu Hee-Yeal *see* Hee-Yeal Yu
Yu Hen Hu *see* Hangu Yeo 35074
Yu Hen Hu *see* Jong-Min Park 4922
Yu Hengbo *see* Meng Zhang 35565
Yu Hong Woo *see* Hong Woo Yu
Yu Hong-Fwu *see* Hong-Fwu Yu
Yu Hongmin *see* Zhao Zhimin 44820
Yu Hsiu Chang *see* Juei Tsang Hsu 39467
Yu Hua *see* Hua Yu
Yu Huaiyuan *see* Huaiyuan Yu
Yu Huang, Akizuki, K., Iwamoto, S. On bifurcations in power systems under nonlinear resonances 8755
Yu Huang *see* Huang Yu
Yu Hui Wang *see* Wang Yu Hui
Yu Huihua *see* Wang Xiaolin 53164
Yu Huihua *see* Zhang Qian-Ling *(editor)* 51932
Yu Hyun Kyu *see* Hyun Kyu Yu

Yu Ji, Inagaki, K., Miura, R., Karasawa, Y. Optical feed for multibeam microwave array antennas 34442
Yu Jianguo, Pei Wen, Hsu Dasiung Pixels encoding technique for generating kinetic diffraction grating image 44798
Yu Jianguo *see* Yu Jianjun 58265
Yu Jianguo *see* Jianguo Yu
Yu Jianjun, Yu Jianguo, Yang Bojun Using normal dispersion fiber elimination chirp to research optical soliton transmission 58265
Yu Jianlin *see* Jianlin Yu
Yu Jianming *see* Tong Xiangqian 19046
Yu Jianping, Wang Xinmei, Zhang Yanzhi Soft-decision pseudo-sequential decoding of block codes 14788
Yu Jianyun *see* Jianyun Yu
Yu Jick *see* Jick Yu
Yu Jihui *see* Huang Jian 44946
Yu Jin *see* Geng Rongli 59188
Yu Jing *see* Jing Yu
Yu Juebang *see* Chen Chaoyang 1277
Yu Jun *see* Jun Yu
Yu Kai Kou *see* Kai Kou Yu
Yu Kai-Bor *see* Kai-Bor Yu
Yu Kee-Ho *see* Kee-Ho Yu
Yu Kenan *see* Kenan Yu
Yu Kin Man *see* Kin Man Yu
Yu Kwonjong *see* Kwonjong Yu
Yu Kyoung-Sang *see* Kyoung-Sang Yu
Yu Lei *see* Lei Yu
Yu Liao *see* Liao Yu
Yu Linhua *see* Linhua Yu
Yu Lukang *see* Lukang Yu
Yu Luping *see* Luping Yu
Yu Man-Fai *see* Man-Fai Yu
Yu Meifang, Shen Keqiang The investigation of the heat transfer characteristics of CMOS flow sensor 58696
Yu Meifang *see* Wang Shanli 10788
Yu Min-Zhong *see* Min-Zhong Yu
Yu Mingren *see* Fan Honglei 32208
Yu Mingxiang *see* Fan Jiangshui 48547
Yu Mingyan *see* Chen Xin 53141
Yu Mo Chiun *see* Mo Chiun Yu
Yu Pao-Ta *see* Pao-Ta Yu
Yu Peng *see* Peng Yu
Yu Peng Mao *see* Mao Yu Peng
Yu Pu *see* Zhang Shouyu 7589
Yu Qian *see* Qian Yu
Yu Qiang *see* Qiang Yu
Yu Qifeng *see* Qifeng Yu
Yu Qin, Shanshan Du Comparison of fuzzy logic and digital PI control of single phase power factor pre-regulator for an on-line UPS 51220
Yu Qing *see* Qing Yu
Yu Qing Chen, Ray-Chaudhuri, D.K., Qing Xiang Constructions of partial difference sets and relative difference sets using Galois rings. II 34553
Yu Qingjian *see* Qingjian Yu
Yu Qingxuan, Peng Ruiwu, Li Cuiyun Control of background concentration in GaInP and composition in Zn-doped GaInP grown by MOCVD 870
Yu Ruan *see* Jin-Hui Zhai 3339
Yu Ruan *see* Jinhui Zhai 43923
Yu Ruan *see* Ruan Yu
Yu Shenglin *see* Pei Wenjiang 56500
Yu Shengsheng *see* Yuan Shuangqing 27158
Yu Shiann-Jeng *see* Shiann-Jeng Yu
Yu Shiaw-Shian *see* Shiaw-Shian Yu
Yu Shiqian *see* Shiqian Yu
Yu Shuyong *see* Wang Maosen 53677
Yu Sia *see* Sia Yu
Yu Sile *see* Cheng Yong 27159
Yu Songyang *see* Songyang Yu
Yu Songyu *see* Li Jun 57386
Yu Sun *see* Haddad, S. 1351
Yu Sun *see* Shibata, H. 38753
Yu Sunil *see* Sunil Yu
Yu Syoung Gon *see* Syoung Gon Yu
Yu Ta-Lee *see* Ta-Lee Yu
Yu Tao Solution of elementary function of expansion parameter of loaded antenna 56130
Yu Tao *see* Wu Ji 18994
Yu Tao *see* Tao Yu
Yu Tat-Kwan *see* Tat-Kwan Yu
Yu Tian-Hu *see* Tian-Hu Yu
Yu Tiejun, Zhang Xuexia, Gao Baoxin, Wu Peiheng HTSC microstrip transmission line and its discontinuities 13524
Yu Tong *see* Tong Yu
Yu Tong-Lo *see* Tong-Lo Yu
Yu Torshin A new method for investigating impulse discharge mechanism in the vicinity of minimal breakdown voltage 32714
Yu Tsai Jung *see* Jung Yu Tsai
Yu Tufa *see* Wu Xiangbing 1722
Yu Wang *see* Liang-Yao Chen 48970
Yu Wang *see* Wang Yu
Yu Wei *see* Liu Xiangdong 4481
Yu Wei *see* Ning Gu 42845
Yu Wei *see* Wei Yu
Yu Weiyong *see* Fan Chunju 38424
Yu Wei *see* Wu Lu 42800
Yu Wen *see* Zhang Ming 32061
Yu Wenhu *see* Ni Weidou 28976
Yu Wenhua *see* Wenhua Yu
Yu Wentao *see* Yuan Duorong 24099
Yu Wentao *see* Wentao Yu
Yu Xi-Jun Multigrid method for the linear parabolic problem 646
Yu Xianchun *see* He Youping 13536
Yu Xianfeng *see* Yang Jian 38286
Yu Xiangdong *see* Xiangdong Yu
Yu Xianggang *see* Xianggang Yu
Yu Xiao-Hu *see* Xiao-Hu Yu
Yu Xiaoguang *see* Xiaoguang Yu
Yu Xiaoli *see* Xiaoli Yu
Yu Xiling, Sun Yi, Jiang Huizhu, Zhang Shujun Growth kinetics of the metastable tetragonal phase of potassium dideuterium phosphate (DKDP) crystals 10590
Yu Xinghuo *see* Xinghuo Yu
Yu Xu *see* Xiangyang Yang 23455
Yu Xu *see* Xiangyang Yang 23459
Yu Xu *see* Zhiqing Wen 23451
Yu Xu *see* Xu Yu
Yu Xue *see* Songyang Yu 28203
Yu Yan, Jin Hanmin, Zhao Tiesong Nd-Nd exchange interaction in $Nd_2Fe_{14}B$ 43711
Yu Yandong *see* Yandong Yu
Yu Yanping Intermediate frequency-domain adaptive equalization in microwave radio system 26514
Yu Yao-Nan *see* Yao-Nan Yu
Yu Yi *see* Yi Yu
Yu Yilu *see* Chen Junlin 38299
Yu Yinglin *see* Yinglin Yu
Yu Yixin, Li Guoqing, Dai Hongwei Basic theories and methods on voltage stability of power systems 28732
Yu Yixin, Li Guoqing, Zhang Lianbin Basic theories and methods on voltage stability of power systems. III 28774
Yu Yixin *see* Lin Jikeng 50315
Yu Yixin *see* Wang Yaoyu 28870
Yu Yong-Yi *see* Yong-Yi Yu
Yu Yu-Tien *see* Yu-Tien Yu
Yu Yuan-Huan *see* Yuan-Huan Yu
Yu Yue, Ke Youan Compactly supported sampling function for wavelet subspaces 4692
Yu Zan Qi *see* Zan Qi Yu
Yu Zang De *see* De Yu Zang
Yu Zhang *see* Zhang Yu
Yu Zhangyuan, Chen Lujun, Duan Yishi, Yang Guohong The interaction of coupled optical solitons 3381
Yu Zhao *see* Zhao Yu
Yu Zhen-Xin *see* She Wei-Long 44635
Yu Zheng Jiang *see* Jiang Yu Zheng
Yu Zhengchen *see* Zhengchen Yu
Yu Zhenli *see* Zhenli Yu
Yu Zhenxin *see* She Weilong 33713
Yu Zhien, Wang Ke, Yang Rong-Guang Next best view of range sensor 46134
Yu Zhien *see* Wang Ke 46135
Yu Zhiwei *see* Wang Yuanmei 59526
Yu Zhonghai *see* Zhonghai Yu
Yu Zhongqing, Zhang Jianrong, Du Youwei Magnetic properties and preparation of Fe_3N compound 953
Yu Zhou *see* Zhou Yu
Yu Zhu, Song Wei, He Guangyy, Man Defa Study on enhancing diffraction efficiency and resolution of optical fiber image plane hologram 44789
Yu Zongguang, Xu Juyan, Wei Tongli EEPROM and flash memory 53288
Yu Zongguang *see* Cai Yueming 53368
Yu Zunquan, He Renfu, Song Yingsong, Su Zhan Two-dimensional numerical calculation of the optical phase conjugation in stimulated Brillouin scattering 24236
Yu Zuwei *see* Zuwei Yu
Yu-Chee Tseng, Tong-Ying Juang, Ming-Chih Du Some heuristics and experiments for building a multicasting tree in a high-speed network 57685
Yu-Cheng Zhao *see* Zhao Yu-Cheng
Yu-Chin Hsu *see* Goli, A. 11393
Yu-Chin Hsu *see* Ming-Der Shieh 11292
Yu-Chin Hsu *see* Su, A. 1084
Yu-Chin Hsu *see* Vahid, F. 1087
Yu-Chong Tai *see* Gupta, B. 23056
Yu-Chong Tai *see* Miller, R.A. 23633
Yu-Chong Tai *see* Miller, R.A. 54852
Yu-Chong Tai *see* Shuyun Wu 23360
Yu-Chong Tai *see* Weilong Tang 23093
Yu-Chuan Lin, Kuo, C.-C.J. Sequential modulation classification of dependent samples 24631
Yu-Chun Pan *see* Sun, Y.S. 57826
Yu-Chung Huang *see* Hong-Ming Yang 36539
Yu-Chung Huang *see* Hong-Ming Yang 48494
Yu-De Lin, Syh-Nan Tsai Coplanar waveguide-fed uniplanar bow-tie antenna 34211
Yu-Faye Chao, Shi-Chang Lin, Chen-Sheng Hung Phase retardation measured by a simple polarimeter 17826
Yu-Feng Chung *see* Moh, W.M. 6138
Yu-Fu Hsieh *see* Chiang, J.Y. 25350
Yu-Guang Ma *see* Ma Yu-Guang
Yu-He Zhang *see* Wang Song, Q. 24275
Yu-Heng Jan, Heimbuch, M.E., Coldren, L.A., DenBaars, S.P. 45 nm wavelength tuning range of an InP/InGaAsP photonic integrated tunable receiver 6842
Yu-Hu Zhang *see* Zhang Yu-Hu
Yu-Huai Shao *see* Zhang Wang 60839
Yu-Hyun Kim, Changhwan Oh Simulation of a new priority control method in VP-based ATM networks 16050
Yu-Jane Mei, Ting-Chang Chang, Jeng-Dong Sheu, Wen-Kuan Yeh, Fu-Ming Pan, Chun-Yen Chang Anomalous selective tungsten growth by chemical vapor deposition 42681
Yu-Jane Mei, Ting-Chang Chang, Jeng-Dong Sheu, Wen-Kuan Yeh, Fu-Ming Pan, Chun-Yen Chang Thermal stability and interaction between SiOF and Cu film 42683
Yu-Jen Chien *see* Moh, W.M. 47381
Yu-Jung Huang, Fei-Chun Fang, Kuo-Hong Hsiau, Shen-Li Fu A packaging system for built-in microcircuits in multilayer substrates 10088
Yu-Kang Lo, Chern-Lin Chen A new on-line dead time assignment technique for single-phase PWM inverters 51108
Yu-Li Hsueh *see* Ching-Fuh Lin 55657
Yu-Li You, Kaveh, M. Pyramidal image compression using anisotropic and error-corrected interpolation 25572
Yu-Li You, Kaveh, M. Anisotropic blind image restoration 57272
Yu-Liang Wu, Chang, D., Marek-Sadowska, M., Tsukiyama, S. Not necessarily more switches more routability [sic.] 40766
Yu-Lin Chu *see* Hsin-Hsien Li 2626
Yu-Lin Chu *see* Hsin-Hsien Li 54638
Yu-Lin Su *see* Bing-Fei Wu 40024
Yu-min Jia *see* Jia Yu-min
Yu-Min Wang *see* Ing-Jer Huang 40797
Yu-Ming Hung *see* Hung Yu-Ming
Yu-Ming Tu *see* Chun-Lin Liao 24518
Yu-On Yam, Chi-Wai Cheung High efficiency power amplifier with travelling-wave combiner and divider 53053
Yu-Pin Liao *see* Ruei-Chang Lu 44009
Yu-Ping Lan *see* Wen-Ling Yang 17727
Yu-Po Wang, Prakash, M. Reliability studies of leadless chip carrier assemblies using the integrated matrix creep method 287
Yu-Qin Cai *see* Cai Yu-Qin
Yu-Qiu Gu *see* Gu Yu-Qiu
Yu-Quan Chen *see* Guo-Long Tan 27717
Yu-Ru Juang *see* Hwann-Kaeo Chiou 41502
Yu-Ru Syau Sequences in a fuzzy metric space 40074
Yu-Sheng Lu *see* Jingxin Shi 9154
Yu-Shu Hu, Modarres, M. Evaluating system behavior through dynamic master logic diagram (DMLD) modeling 30397
Yu-Shyan Lin *see* Jan-Shing Su 2701
Yu-Shyan Lin *see* Jan-Shing Su 42051
Yu-Sun Liu, Hughes, B.L. Universal decoding and error exponents for the multiple-access channel 35476
Yu-Tai Chang, Chin-Liang Wang, Ching-Hsien Chang A new systolic architecture for fast DCT computation 1453
Yu-Tien Yu *see* Yung-Sheng Chen 5242
Yu-Tien Yu *see* Yung-Sheng Chen 5360
Yu-Tong Li *see* Li Yu-Tong
Yu-Wang, V. *see* Allen, L.R. 22559
Yu-Wen Chang, Geraniotis, E. Optimal policies for handoff and channel assignment in CDMA cellular networks 36035
Yu-Wen Qin, Bao-Zhen Ge, Yi-Mo Zhang, Xiao-Dong Zhao, Zhan-Hua Huang Real-time hybrid joint transform correlator with parallel processing architecture 48414
Yu-Wen Qin *see* Yi-Mo Zhang 46393
Yu-Wen Tsay, Hsiao-Pin Su, Youn-Long Lin An improved objective for cell placement 40831
Yuan, A. *see* Sui Shen 37907
Yuan, C. *see* Chaudhuri, J. 54140
Yuan, C. *see* Tan, H.H. 12675
Yuan, C. *see* Thompson, A.G. 10702
Yuan, C. *see* Zolper, J.C. 12674
Yuan, C.-M. *see* Lucas, K.D. 13106
Yuan, C.P. *see* Jong, J.-M. 53085
Yuan, D.R., Zhang, N., Tao, X.T., Xu, D., Liu, M.G., Hou, W.B., Bing, Y.H., Jiang, M.H. Growth of a new highly efficient organic nonlinear optical crystal: 3-methoxy-(MHBA) 10632
Yuan, F. *see* Shi, H. 41589
Yuan, F.Y. Signal integrity analysis of simultaneous switching noises and decoupling capacitors in digital packages and PCB systems 39816
Yuan, F.Y. *see* Tuncer, E. 39824
Yuan, H., Wang, C., Wu, D., Xu, A. The degradation due to the nonlinear interaction of the signal and ASE noise in the single channel system using cascaded amplifiers 36119
Yuan, H.-T. *see* Chin-Yu Tsai 43347
Yuan, H.X., Perera, A.G.U., Francombe, M.H., Gamage, S.K., Liu, H.C., Buchanan, M., Schaff, W.J. GaAs homojunction interfacial workfunction internal photoemission far-infrared detectors 48509
Yuan, H.X. *see* Perera, A.G.U. 48530
Yuan, J. Performance analysis of IWU interconnecting LANs across ATM network 26191
Yuan, J. *see* Paczkowski, M.A. 53779
Yuan, J.S. *see* Song, J. 54607
Yuan, J.Y. *see* Evans, D.J. 21148
Yuan, M. *see* Liang, C. 22907
Yuan, R., Biswas, S.K., French, L.J., Li, J., Raychaudhuri, D. A signaling and control architecture for mobility support in wireless ATM networks 47689

Yuan, R., Biswas, S.K., Raychaudhuri, D. A signaling and control architecture for mobility support in wireless ATM networks 6507
Yuan, R. *see* Li, J. 47666
Yuan, R. *see* Raychaudhuri, D. 6089
Yuan, R.K. *see* Wang, Y.B. 12605
Yuan, R.L. *see* Geaghan, B.S. 58151
Yuan, S., Kim, Y., Jagadish, C., Burke, P.T., Gal, M., Zho, J., Cai, D.Q., Cockayne, D.J.H., Cohen, R.M. Novel impurity-free interdiffusion in GaAs/AlGaAs quantum wells by anodization and rapid thermal annealing 42136
Yuan, S., Krenn, H., Springholz, G., Ueta, Y., Bauer, G., McCann, P.J. Magnetoreflectivity of $Pb_{1-x}Eu_xTe$ epilayers and $PbTe/Pb_{1-x}Eu_xTe$ multiple quantum wells 42192
Yuan, S., Wu, M., Yan, Y., Jin, G. Complementary encoding holographic associative memory using a photorefractive crystal 3349
Yuan, T.D. Convection modelling of flip chip and wirebond surface mounted modules 271
Yuan, W.S., Georghiades, C.N. An application of the generalized likelihood function to sequence estimation for frequency nonselective Rayleigh fading channels 34504
Yuan, X., Melhem, R., Gupta, R. Distributed path reservation algorithms for multiplexed all-optical interconnection networks 35507
Yuan, Y., Jambunathan, R., Singh, J., Bhattacharya, P. Finite-difference time-domain analysis and experimental examination of the performance of a coupled-cavity MQW laser/active waveguide at 1.54 μm 33565
Yuan, Y., Zhang, X., Bhattacharya, P. Low photocurrent GaAs-$Al_{0.3}Ga_{0.7}As$ multiple-quantum-well modulators with selective erbium doping 13693
Yuan, Y. *see* Pauza, A.J. 43829
Yuan, Y. *see* Tang, X. 13658
Yuan, Y. *see* Zhang, X. 44576
Yuan, Y.J. *see* Talaie, A. 48701
Yuan, Z., Mokhtari, S., Ferdinand, A., Eakin, J., Bartholomew, L. Optimization of SiO_2 film conformality in $TEOS/O_3$ APCVD 40542
Yuan, Z.L. *see* Xu, Z.Y. 2215
Yuan Baozong *see* Huang Yu 5198
Yuan Baozong *see* Zhou Guoqing 17509
Yuan Bay-Ann *see* Bay-Ann Yuan
Yuan Bin, Ma Weixin, Wang Xinfeng Operator training simulator used in the Chinese power system 19173
Yuan Bin, Yun Aidong, Ma Weixin, Chen Shousun The computer network and its application in the State Key Laboratory of Power System 28731
Yuan Chang Zhong *see* Zhong Yuan Chang
Yuan Chen Chun *see* Chun Yuan Chen
Yuan Chen Yi *see* Yi Yuan Chen
Yuan Cheng-Ming *see* Cheng-Ming Yuan
Yuan Cheng-Tung *see* Cheng-Tung Yuan
Yuan Chunwei *see* Xu Daxin 59838
Yuan Duo-Rong, Xu Dong, Zhang Nan, Liu Ming-Guo, Jiang Min-Hua Organic nonlinear optical crystal MHBA for compact blue-violet laser 44634
Yuan Duorong, Xu Dong, Liu Mingguo, Yu Wentao, Fang Qi, Hou Wenbo, Bing Yonghong, Sun Suoying, Jiang Minhua A new type of high-efficient complex crystal for laser diode frequency doubling: cadmium mercury thiocyanate 24099
Yuan Duorong *see* Duorong Yuan
Yuan Feng-Chi *see* Feng-Chi Yuan
Yuan Gang *see* Gang Yuan
Yuan Gu *see* Yingjun Pan 13625
Yuan Guo, Randklev, P.C. Assessing and solving lifted leads under coplanarity consideration in SMT 41690
Yuan Guo *see* Kelly, J.P. 39835
Yuan Guo *see* Lieske, R. 41672
Yuan Guo *see* Guo Yuan
Yuan Hai Wen *see* Chen Degui 19908
Yuan Jianming *see* Jianming Yuan
Yuan Jiansheng *see* Jiansheng Yuan
Yuan Jianzhong *see* Jianzhong Yuan
Yuan Jih *see* Jih Yuan
Yuan Jing *see* Zhong Xi-Hua 58982
Yuan Jinsha *see* Cui Xiang 51081
Yuan Jiren *see* Jiren Yuan
Yuan Jixiu Brief introduction to protective communication interface standard 28932
Yuan Jun *see* Jun Yuan
Yuan Kam Pooi *see* Pooi Yuan Kam
Yuan Lee Kan *see* Kan Yuan Lee
Yuan Li *see* Marwah, M. 20817
Yuan Li-Pen *see* Li-Pen Yuan
Yuan Li-Xing *see* Li-Xing Yuan
Yuan Lixiang *see* Lixiang Yuan
Yuan Lu *see* Lu Yuan
Yuan Ma *see* Shen, B. 13190
Yuan Mei *see* Zhang Guangjun 36728
Yuan Mingwen *see* Zhu Guoliang 53613
Yuan Ping *see* Liu Zhanwen 37169
Yuan Ping *see* Shen Yuquan 14251
Yuan Quan *see* Quan Yuan
Yuan Ruixi *see* Ruixi Yuan
Yuan Shao *see* Shao Yuan
Yuan Shi, Pan, J.J. A tunable quasi-unidirectional Er^{3+}-doped fiber ring laser without isolator 23794
Yuan Shifu *see* Shifu Yuan
Yuan Shixin *see* Wang Shanli 10788
Yuan Shuai *see* Shuai Yuan
Yuan Shuangqing, Yu Shengsheng, Zhou Jingli, Deng Jinjun Research on VGA to TV scan converter technology and system implementation 27158
Yuan Shun Thermal deformation of electrodes of vacuum interrupter during interrupting current 29469
Yuan Tang *see* Haddad, S. 1351
Yuan Tsorng-Dih *see* Tsorng-Dih Yuan
Yuan Tzu Ting, Li Wei Chao, Wei Chung Chao A practical implementation of dynamic testing of an AD converter 53353
Yuan Wang Yang *see* Yang Yuan Wang
Yuan Weiben *see* Weiben Yuan
Yuan Weidong, Wang Jianping, Shen Chunlin A new algorithm for optimal terrain following/terrain avoidance trajectory 28547
Yuan Weili *see* Liu, W.K. 10781
Yuan Xiao *see* Zargari, N.R. 29454
Yuan Xiao-Ming *see* Xiao-Ming Yuan
Yuan Xiaobu *see* Chen Xuede 25680
Yuan Xiaolong, Shen Xubang A new operation scheduling algorithm 52982
Yuan Xin, Li Wei, Li Qing, Xiao Ping, Hu Jingyu, Yang Lianxing High speed SDRAM interface circuit 53271
Yuan Xin *see* Li Wei 56811
Yuan Xiugan *see* Yang Chunxin 59927
Yuan Xu Lagrange interpolation on Chebyshev points of two variables 571
Yuan Xu *see* Xu Yuan
Yuan Yanhong *see* Yanhong Yuan
Yuan Yeshu *see* Quan Taifan 8652
Yuan Yin-Liang *see* Yin-Liang Yuan
Yuan Yiqian *see* Bai Qinglan 17474
Yuan Yirang Finite difference method and analysis for three-dimensional semiconductor device of heat conduction 22749
Yuan Zhejun *see* Feng Zhijing 48341
Yuan Zhing-Xuan, Xu Bo-Ling, Yu Ching-Zhi A kind of fuzzy-neural networks for text-independent speaker identification 15079
Yuan Zhong *see* Zhong Yuan
Yuan Zijun A full page cryptographic security for rainbow holographic anti-counterfeiting marking 44806
Yuan-Chen Liu *see* Liang-Gee Chen 5174
Yuan-Cheng Lai *see* Ying-Dar Lin 47206
Yuan-Cheng Lai *see* Ying-Dar Lin 57991
Yuan-Chieh Hsu, Gupta, S.K. A simulator for at-speed robust testing of path delay faults in combinational circuits 11264
Yuan-Fang Wang, Uecker, D.R., Wang Yulun Choreographed scope manoeuvring in robotically-assisted laparoscopy with active vision guidance 28392
Yuan-Fu Liao, Wen-Yuan Chen, Sin Horng Chen Continuous Mandarin speech recognition using hierarchical recurrent neural networks 34641
Yuan-Hau Yeh, Chen-Yi Lee Scalable VLSI architectures for full-search block matching algorithms 53348
Yuan-Hsiang Chang *see* Bin Zheng 8031
Yuan-Hua Chu *see* Hong-Yi Huang 1308
Yuan-Hua Chu *see* Hong-Yi Huang 2832
Yuan-Hua Chu *see* Hong-Yi Luang 1154
Yuan-Huan Yu *see* Qi-Yuan Wang 54037
Yuan-Hwang Liao, Winful, H.G. Extremely high-frequency self-pulsations in chirped-grating distributed-feedback semiconductor lasers 3869
Yuan-Hwang Liao, Winful, H.G. Dynamics of distributed feedback fiber lasers 23803
Yuan-Ji He *see* He Yuan-Ji
Yuan-Kai Wang, Kuo-Chin Fan Applying genetic algorithms on pattern recognition: an analysis and survey 5561
Yuan-Kai Wang, Kuo-Chin Fan A genetic approach to the normalization of distorted character images 25505
Yuan-Kuang Tu *see* Chang-Da Tsai 58753
Yuan-Kuang Tu *see* Ching-Ting Lee 22427
Yuan-Kuang Tu *see* Wen-Jeng Ho 44316
Yuan-Liang Kao *see* Wen-Yaw Chung 7363
Yuan-Lin Chen Weak bus-oriented optimal multiobjective VAr planning 19243
Yuan-Pei Lin, Vaidyanathan, P.P. Theory and design of two-parallelogram filter banks 4635
Yuan-Pei Lin, Vaidyanathan, P.P. On the study of four-parallelogram filter banks 4636
Yuan-Pei Lin, Vaidyanathan, P.P. Two-dimensional four-parallelogram filter banks 15177
Yuan-Pei Lin, Vaidyanathan, P.P. Nonseparable sampling theorems for two-dimensional signals 15387
Yuan-Sheng Tyan, Hatwar, T.K., Farruggia, G., Victora, R.H., Culver, M.W., Brucker, C.F. Co/Pt disks with a simplified structure 43900
Yuan-Shin Lee, Daftari, D. Handling protrusion features with virtual pockets for automated process planning 5535
Yuan-Sun Chu *see* Ching-Lung Chang 16329
Yuan-Ting Yang *see* Yang Yuan-Ting
Yuan-Tsu Hsieh *see* Wei-Tsu Tseng 42592
Yuan-Tsu Hsieh *see* Wei-Tsu Tseng 42684
Yuan-Tung Cheng *see* Hong-Twu Chen 34258
Yuan-Tzu Ting *see* Chanchin Su 11127
Yuan-Tzu Ting *see* Chauchin Su 58629
Yuan-Xiang Xie *see* Xie Yuan-Xiang
Yuan-Yih Hsu *see* Feng-Chang Lu 60965
Yuan-Yih Hsu *see* Lin-Her Jeng 19608
Yuan-Yih Hsu *see* Tain-Syh Luor 38308
Yuan-Zhao Yin Synchronization of chaos in a modified Chua's circuit using continuous control 40856
Yuancheng Zhang *see* Zhang Yuancheng
Yuanda Shan *see* Shan Yuanda
Yuanfang Wen *see* Wen Yuanfang
Yuang, M.C., Liang, S.T., Chen, Yu.G., Shen, C.L. Dynamic video playout smoothing method for multimedia applications 6329
Yuang, M.C., Tien, P.L. A novel intra-media synchronization mechanism for multimedia communications 47389
Yuang, M.C., Tien, P.L., Liang, S.T. Intelligent video smoother for multimedia communications 26350
Yuang, M.C. *see* Hah, J.M. 5743
Yuang, M.C. *see* Hah, J.M. 57571
Yuang, M.C. *see* Haung, Y.R. 5744
Yuang, M.C. *see* Haung, Y.R. 46580
Yuang, M.C. *see* Liang, S.T. 25876
Yuang, M.C. *see* Liu, J.C. 47044
Yuang Rong-Heng *see* Rong-Heng Yuang
Yuang-Cheh Hsueh *see* Jia-Hong Lee 15461
Yuanheng Qiu *see* Ronghong Jin 34209
Yuanhong Song *see* Song Yuanhong
Yuanhong Zhang *see* de Souza, R. 169
Yuanji Zhang *see* Sammes, N. 51534
Yuanjian Xu, Shakouri, A., Yariv, A. The effect of temperature on the resonant tunneling and electric field domain formation in multiple quantum well superlattices 31977
Yuanjin He *see* He Yuanjin
Yuankai Deng *see* Deng Yuankai
Yuanling Zhan *see* Zhan Yuanling
Yuanlu Zhang *see* Zhang Yuanlu
Yuanmei Wang *see* Wang Yuanmei
Yuanong Zhang *see* Zhang Yuanong
Yuanping Zhao *see* Zhao Yuanping
Yuanqing Ge *see* Ning Zhu 53143
Yuanwen Chen *see* Chen Yuanwen
Yuanxiang Sun *see* Sun Yuanxiang
Yuanxin Li *see* Li Yuanxin
Yuanxun Wang, Hao Ling Extraction of higher-order modes in open microstrip lines via FDTD and joint time-frequency analysis 24542
Yuanying Qin *see* Qin Yuanying
Yuanyong Deng, Guoxiang Ai, Jingshan Wang Inhomogeneous distribution of brightness in the split-element filter 55375
Yuanyu Cai *see* Cai Yuanyu
Yuanyuan Wang, Fish, P.J. Correction for nonstationarity and window broadening in Doppler spectrum estimation 24990
Yuanyuan Zhang *see* Zhang Yuanyuan
Yuanyuan Zhong *see* Junbiao Zhu 23223
Yuanze Xu *see* Tian Hao 968
Yuanzhag Sun *see* Sun Yuanzhag
Yuanzhang Sun *see* Sun Yuanzhang
Yuanzhe Zhao *see* Zhao Yuanzhe
Yuanzhong Zhou *see* Shu Qin 12669
Yuasa, K., Sawai, H., Yoneyama, M. Restoration of degraded character dot image using discrete Hopfield neural network 46493
Yuasa, K. *see* Matsumoto, K. 51555
Yuasa, M. *see* Yoshioka, H. 59459
Yuasa, S. *see* Okubo, H. 23212
Yuasa, S. *see* Okubo, H. 23213
Yuasa, T., Akiba, M., Takeda, T., Kazama, M., Hoshino, A., Watanabe, Y., Hyodo, K., Dilmanian, F.A., Akatsuka, T., Itai, Y. Reconstruction method for fluorescent X-ray computed tomography by least-squares method using singular value decomposition 37671
Yuasa, Y. *see* Kimura, T. 60541
Yub Park Chang *see* Chang Yub Park
Yuba, K. *see* Abe, S. 28594
Yuba, Y. *see* Sakakibara, K. 4451
Yuba, Y. *see* Wakaya, F. 12658
Yuba, Y. *see* Wakaya, F. 42201
Yuba, Y. *see* Yanagisawa, J. 10821
Yuba, Y. *see* Yanagisawa, J. 22538
Yubazaki, N., Otani, M., Ashida, T., Muto, A., Yi, J., Hirota, K., Pedrycz, W. Fuzzy control based on interpolation algorithm 21712
Yubiao Zhao *see* Zhao Yubiao
Yubin Gong *see* Gong Yubin
Yubin Guo *see* Guo Yubin
Yubo Chen *see* Wan Zhuang 30640
Yubo Pei, Zhe Chen, Hung, J.C. BITAN-II: an improved terrain aided navigation algorithm 49925
Yucel, M.D. *see* Rajab, H.A. 4457
Yuchai Guo *see* Guo Yuchai
Yuchan Yi *see* Rapp, R.H. 18902
Yuchang Cao, Sridharan, S., Moody, A. Multichannel speech separation by eigendecomposition and its application to co-talker interference removal 56369
Yuchang Cao, Sridharan, S., Moody, M. Co-talker separation using the "cocktail party effect" 45645
Yuchang Qiu *see* Qiaogen Zhang 13307
Yuchang Qiu *see* Qiu Yuchang
Yuchao Shen *see* Shuqun Shen 44816
Yuchao Xu *see* Xu Yuchao
Yuchi Liu *see* Liu Yuchi
Yuchun Tian Delay estimation in chaotic time series 21052
Yuda, M. *see* Kato, K. 3434
Yudas, V.I. *see* Azanov, I.B. 28543

Yudelev, M. *see* Rosenfeld, A.B. 28465
Yudian Fan *see* Xiangjun He 54516
Yudian Fan *see* Fan Yudian
Yudin, L.A., Kapchinsky, M.I., Korenev, I.L., Koshkarev, D.G. Linac for charge-symmetrical four-isotopic heavy-ion driver 59110
Yudin, L.A. *see* Koshkarev, D.G. 49029
Yudin, Yu.V., Aulchenko, V.M., Fedorenko, V.E., Grigoriev, D.N., Ruban, A.A., Smakhtin, V.P. Analogue electronics of the endcap calorimeter of the CMD-2 detector 37485
Yudin, Yu.V. *see* Akhmetshin, R.R. 37253
Yudin, Yu.V. *see* Chertovskikh, A.G. 37490
Yudin, Yu.V. *see* Logashenko, I.B. 37034
Yudong Fang *see* Fang Yudong
Yudong Li *see* Li Yudong
Yudson, V.I., Rozman, M.G., Reineker, P. Bound states of two particles confined to parallel two-dimensional layers and interacting via dipole-dipole or dipole-charge laws 42217
Yue, C.P., Ryu, C., Lau, J., Lee, T.H., Wong, S.S. A physical model for planar spiral inductors on silicon 41559
Yue, C.P. *see* Loke, A.L.S. 12570
Yue, D.-F. *see* Bandyopadhyay, S. 54183
Yue, J. *see* Liu, S.T. 22910
Yue, J. *see* Yeh, T. 3181
Yue, R. *see* Wang, Y. 10176
Yue, R.X. *see* Hickernell, F.J. 10859
Yue, T.M. *see* Ho, C.K. 40501
Yue Cao *see* Lian Yao 28169
Yue Chaoyu *see* Chaoyu Yue
Yue Fang *see* Fang Yue
Yue Feng *see* Feng Yue
Yue Feng Wan, Cabestaing, F., Postaire, J.-G. An analytical comparison of the performances of two edge detectors 25507
Yue Feng Wan *see* Khoudour, L. 57493
Yue Guangqi *see* Chen Gelin 8567
Yue Hao *see* Hao Yue
Yue Kaiduan, Wang Chuangshe, Zhang Feng, Wang Zhao, Tan Yushan Electronic speckle phase-locked interferometer system 17823
Yue Kaiduan *see* Wang Chuangshe 58902
Yue Li Phase aberration correction using near-field signal redundancy. I. Principles [Ultrasound medical imaging] 59417
Yue Li, Lloyd, J.D., Horst, G.E. Switched reluctance motor with DC assisted excitation 29742
Yue Li, Robinson, D., Carpenter, D. Phase aberration correction using near-field signal redundancy. II. Experimental results 59418
Yue Liu *see* Morgan, R.A. 47953
Yue Liu *see* Liu Yue
Yue Pan *see* Pan Yue
Yue Wang, Adah, T., Chi Lau, Shih-Chung Ben Lo Quantification of computed medical images by neural net histogram analysis 59557
Yue Wang, Adali, T. Efficient learning of standard finite normal mixtures for image quantification 25751
Yue Yu *see* Yu Yue
Yue-Chuan Lu *see* Yong-Jun Wu 33781
Yue-Dar Jou *see* Chaur-Heh Hsieh 53450
Yue-Fei Yang, Chung-Chi Hsu, Yang, E.S. A GaInP/GaAs HBT with a selective buried sub-collector layer grown by MOCVD 2610
Yue-Fei Yang *see* Hai-Jiang Ou 53586
Yue-Liang Zhou *see* Da-Fu Cui 32679
Yue-Liang Zhou *see* Zhou Yue-Liang
Yue-Ming Zhou *see* Zhou Yue-Ming
Yue-Shan Chang *see* Chang Yue-Shan
Yue-Tsang Chen *see* Chanchin Su 11127
Yuefeng Liao Design of a brushless doubly-fed induction motor for adjustable speed drive applications 29743
Yuefeng Zhang Adaptive ordered dither 35273
Yueh, S.H. *see* Alhumaidi, S.M. 8433
Yueh, S.H. *see* Huddleston, J.N. 8451
Yueh, S.H. *see* Nghiem, S.V. 38078
Yueh, S.H. *see* West, R.D. 8454
Yueh, S.H. *see* Wilson, W.J. 8424
Yueh Chaur-Jou *see* Chaur-Jou Yueh
Yueh-Min Huang, Shiao-Li Tsao An efficient data placement and retrieval scheme of zoned-disks to support interactive playout for video servers 48254
Yuehong Shen *see* Shen Yuehong
Yuehua Zhou *see* Zhou Yuehua
Yuei-An Liou, England, A.W. A one-dimensional hydrology/radiobrightness model for freezing/thawing soils 8510
Yuejian Wu, Adham, S. BIST fault diagnosis in scan-based VLSI environments 43185
Yuejin Han *see* Han Yuejin
Yuejin Huang, Tung-Sang Ng Performance of coherent receiver with weighted despreading sequence for DS-CDMA 25890
Yueliang Zhou *see* Jie Zhang 30808
Yueliang Zhou *see* Zhou Yueliang
Yuelin Li, Peixiang Lu, Pretzler, G., Fill, E.E. Lasing in neonlike sulphur and silicon 13964
Yuelin Li *see* Peixiang Lu 33383
Yuelong Zhao *see* Zhao Yuelong
Yueming Cai *see* Cai Yueming
Yueming Pan *see* Pan Yueming
Yueming Xiao *see* Buchman, S. 7545
Yuen, C.H. *see* Matthews, E.W. 34465
Yuen, C.W. *see* Ho, C.K. 40501
Yuen, H., Hanzo, L. Block-run run-length coding of handwriting and bilevel graphics based on quadtree segmentation 56660
Yuen, H., Li, C.K. Quadtree segmented two-dimensional predictive visual pattern BTC image coding 5161
Yuen, H.P. *see* D'Ariano, G.M. 34495
Yuen, N., Friedlander, B. Higher-order ESPRIT for localization of near-field sources: an asymptotic performance analysis 4680
Yuen, N., Friedlander, B. Asymptotic performance analysis of three ESPRIT algorithms 4882
Yuen, N., Friedlander, B. DOA estimation in multipath: an approach using fourth-order cumulants 56569
Yuen, S.Y. *see* Lam, W.C.Y. 5195
Yuen, W., Li, G.S., Chang-Hasnain, C.J. Low-threshold multiple-wavelength vertical-cavity laser arrays with single-mode operation 55737
Yuen, W. *see* Giaretta, G. 36553
Yuen, W. *see* Giaretta, G. 55735
Yuen, W. *see* Lim, S.F. 44546
Yuen, W. *see* Lim, S.F. 58740
Yuen, W. *see* Vail, E.C. 55650
Yuen, W.T. *see* Artus, L. 22413
Yuen, W.T. *see* Dizhur, E.M. 22349
Yuen, W.T. *see* Rahman, F. 23411
Yuen Hung *see* Hung Yuen
Yuen Lau Wai *see* Wai Yuen Lau
Yuen Shiu Yin *see* Shiu Yin Yuen
Yuen Tseng Tseung *see* Tseung Yuen Tseng
Yuen Wupen *see* Wupen Yuen
Yuen-Chuen Chan *see* Sheng Lan 3855
Yuen-Haw Chang *see* Hsin-Teng Sheu 31036
Yuen-Pat Lau *see* Qing-Xin Chu 14660
Yuen-Wen Lee, Ward, R., Kossentini, F., Smith, M.J.T. Very low rate DCT-based video coding using dynamic VQ 56958
Yueping Tang *see* Zheng Li 6835
Yueping Zhang *see* Zhang Yueping
Yueqiang Li *see* Li Yueqiang
Yueqiu Han *see* Han Yueqiu
Yuesen Cu *see* Cu Yuesen
Yuet Li, Parhi, K.K. Star RLS lattice adaptive filters 1587
Yueting Zhuang *see* Zhuang Yueting
Yuexian Wang *see* Wang Yuexian
Yueyuan Jiang *see* Jiang Yueyuan
Yuezhong Tang *see* Tang Yuezhong
Yuezu Fan *see* Fan Yuezu
Yufang Mao *see* Mao Yufang
Yufei Chen, Li Song, Evans, J.W. Modeling studies on battery thermal behaviour, thermal runaway, thermal management, and energy efficiency 29758
Yufei Zhang *see* Zhang Yufei
Yufel Kong *see* Kong Yufel
yufen Wang *see* Wang yufen
Yufeng, L. *see* Jie, K. 15792
Yufeng Chen *see* Maoqing Li 7483
Yufeng Li, Menon, A. A model of slider/disk interface wear for proximity recording 13444
Yufeng Li, Menon, A., Goglia, P. Evaluations of diamond-like-carbon film optical constants and their effects on flying height determination 13439
Yufeng Liang High-performance image processing system for powder mixture analysis 35159
Yufeng Liang *see* Kaur, M. 35161
Yufeng Liang *see* Wiener, S.M. 35160
Yufeng Tong *see* Sanghadasaa, M. 24217
Yuferev, S. *see* Ida, N. 45066
Yuferev, V.S. *see* Durst, F. 41944
Yufit, G.A. *see* Zaitsev, E.F. 45464
Yugami, H., Naito, H., Arashi, H. Development of solar-pumped lasers and its application to laser power beaming in space 29156
Yugami, J. *see* Itoga, T. 54448
Yugami, J. *see* Kawahara, T. 1331
Yugang Fang, Cohen, M.A., Kincaid, T.G. Dynamics of a winner-take-all neural network 1654
Yugawa, T., Morita, M., Harumoto, H., Okamoto, K. Video network server "VideoShower" 16273
Yuge, T. *see* Noguchi, K. 52378
Yugeng Xi *see* Xi Yugeng
Yugeng Zeng *see* Zeng Yugeng
Yugova, T.G. *see* Vdovin, V.I. 22302
Yuguan Feng *see* Feng Yuguan
Yuguang Huang, McColl, W.F. An improved simplex method for function minimization 21089
Yuguang Ma *see* Baijun Chen 23696
Yuguang Ma *see* Runguang Sun 10961
Yuguo Hao *see* Hao Yuguo
Yuh, I. *see* Ota, T. 7910
Yuh, J. *see* Negahdaripour, S. 25482
Yuh, P. *see* Feld, D.A. 11302
Yuh Hsu Ken *see* Ken Yuh Hsu
Yuh-Farn Lin *see* Ying-Yu Tzou 9627
Yuh-Hwan Liu, Yung-Nien Sun, Chi-Wu Mao, Chii-Jeng Lin Edge-shrinking interpolation for medical images 59487
Yuh-Lin Chen *see* Jer-Min Jou 1504
Yuh-Lin Yao *see* Chi-Chao Chao 14835
Yuh-Maoh Sun, Jyh-Ming Wang, Meng-Chyi Wu Liquid-phase epitaxial growth of GaInAsSb and the properties of AlGaSb/GaSb/GaInAsSb separate absorption and multiplication avalanche photodiodes 743
Yuh-Min Tseng *see* Jinn-Ke Jan 24753
Yuh-Ming Ferng, Shau-Shei Ma Investigation of system responses of the Maanshan nuclear power plant to the loss of residual heat removal during midloop operation using a RELAP5/MOD3 simulation 9039
Yuh-Ming Huang *see* Ming-Chwen Yang 56573
Yuh-Sheng Jean, Ching-Yuan Wu The threshold-voltage model of MOSFET devices with localized interface charge 32411
Yuh-Sheng Lee, Wu, A.C.-H. A performance and routability-driven router for FPGAs considering path delays 53249
Yuh-Yuan Guh *see* Cheng-Chuang Hon 30452
Yuhai Ma, Wanchun Shi A novel approach to the analysis of VLSI device test programs 48350
Yuhai Ma, Yihe Sun, Hongyi Chen System level test generation and fault simulation for VLSI circuits 54768
Yuhai Mel *see* Wu, S.X. 39758
Yuhara, T. *see* Kajioka, H. 36589
Yuhas, C.M. *see* Bernstein, L. 35615
Yuhe Chai *see* Chai Yuhe
Yuhe Ren The approximate regularization of index-2 differential-algebraic problems 40142
Yuheng Peng *see* Peng Yuheng
Yuheng Xu *see* Xu Yuheng
Yuheng Zhang *see* Qianwang Chen 32189
Yuheng Zhang *see* Zhang Yuheng
Yuhmaoh Sun *see* Sun Yuhmaoh
Yuhong Wang *see* Wang Yuhong
Yuhua Chen *see* Chen Yuhua
Yuhua Cheng, Min-Chie Jeng, Zhihong Liu, Jianhui Huang, Mansun Chan, Kai Chen, Ping Keung Ko, Chenming Hu A physical and scalable I-V model in BSIM3v3 for analog/digital circuit simulation 21826
Yuhua Cheng, Min-Chie Jeng, Zhihong Liu, Kai Chen, Bin Yu, Kiyotaka Imai, Chenming Hu Quarter-micrometre surface and buried channel PMOSFET modelling for circuit simulation 12991
Yuhua Cheng *see* Kai Chen 12923
Yuhua Li *see* Li Yuhua
Yuhua She *see* She Yuhua
Yuhua Tang *see* Tang Yuhua
Yuhui Zhang *see* Zhang Yuhui
Yui-Lam Chan, Wan-Chi Siu Efficient interframe transform coding using temporal context 5178
Yui-Lam Chan, Wan-Chi Siu Variable temporal-length 3-D discrete cosine transform coding 57187
Yuille, A.L. *see* Song Chun Zhu 15828
Yuin-Hong Liu Voltage stability study considering load model 50318
Yuitoo, I., Sasaki, S., Hamakawa, Y. Study of the direction of magnetization and noise of magnetic thin films using a scanning Kerr effect microscope 23359
Yuji, J.-I. *see* Shida, K. 7270
Yuji, T. *see* Minoru, S. 29019
Yujiang Wang *see* Wang Yujiang
Yujin Chung *see* Jin-Hi Shin 22783
Yujin Zheng, Sasaki, P., Xin Gao Multiple phase conjugator and orthoscopic projection of a three-dimensional object in a Cu:KNSBN crystal 44705
Yujing Huo, Dekker, P., Dawes, J., Piper, J., Pu Wang, Zibiao Wei, Ziaofeng Fan, Shufang He, Baosheng Lu Laser-diode-pumped Q-switched self-frequency-doubling laser 3779
Yujiri, L. *see* Shoucri, M. 18643
Yujun Li, Ma, T.P. A study of worst case degradation in both SOI/NMOSFETs and PMOSFETs by the use of gated-diode measurement 12998
Yuk, D.-S. *see* Lin, Q. 15117
Yuk, K.C. *see* Kim, B.J. 48871
Yuk, T.T. *see* Fook Loong Lo 16310
Yuk Dong-Suk *see* Dong-Suk Yuk
Yuk Keun Cheol *see* Keun Cheol Yuk
Yuk Tak Chow *see* Zhuang Zhuo 33071
Yuk-Hee Chan *see* Choy, S.S.O. 5150
Yuk-Hee Chan *see* Choy, S.S.O. 25511
Yuk-Hee Chan *see* Lap-Pui Chau 1611
Yuk-Hee Chan *see* Sung-Wai Hong 57087
Yuk-Hee Chnn *see* Choy, S.S.O. 15983
Yuk-Wah Pang, Wing-Yun Sit, Chiu-Sing Choy, Cheong-Fat Chan, Wai-Kuen Cham An asynchronous cell library for self-timed system designs 41107
Yukalov, V.I. Relaxation regimes of spin maser 55481
Yukang Ye *see* Ye Yukang
Yukawa, A. *see* Nishida, Y. 31346
Yukawa, K. *see* Sato, T. 19544
Yukawa, T., Kuwabara, K., Koumoto, K. Electrodeposition of $CuInS_2$ from aqueous solution. II. Electrodeposition of $CuInS_2$ film 40506
Yukawa, T. *see* Ugai, Y. 36828
Yukawa, T. *see* Ugai, Y. 36829
Yukawa, T. *see* Ugai, Y. 44084
Yuke Wang, Abd-El-Barr, M. A new algorithm for RNS decoding 14840
Yuki, K., Hirai, Y., Morimoto, K., Morita, K., Uenoyama, T. Fabrication of Si double barrier structure 22399
Yuki, M. *see* Kobayashi, H. 34196
Yukihira, K. Electromagnetic compatibility in power electronics equipment. II. Low frequency EMC phenomena and (national and international) standards 11172
Yukihira, K. A method to separate harmonic current flows according to the directions of their sources in a distribution substation 60372
Yukimatsu, K. *see* Matsunaga, T. 16493
Yukimatsu, K. *see* Sasayama, K. 47915
Yukimatsu, K. *see* Yamada, Y. 47491

Yukimura, K. *see* Maruyama, A. 40559
Yukimura, K. *see* Shimizu, Y. 53888
Yukishita, M. *see* Matsuura, A. 40993
Yuknis, D. *see* Amarandos, M. 47485
Yukoyama, K. *see* Moyoshi, M. 59721
Yukoyama, Y., Aoki, T., Ushiruzawa, S., Okoshi, T. The MELWALL 3000 series network security system 16354
Yuksel, E.M., Kara, S., Taspinar, N. Time-varying parametric modeling and simulation of ultrasonic Doppler signals 37763
Yukseler, N.H. The effects of six-phase conversion on capability chart's voltage stability boundaries 8761
Yukun Yang, Wenming Li, Lei Yu, Xin Sun, Lixing Xu, Lantain Hou Novel infrared detector 48512
Yukushenkov, Y.G. The choice of an optical scheme for high precision electro-optical tracking or measuring devices 3528
Yul Chu, Mahmood, A., Lynch, D.J. Parallel SOLVE for direct circuit simulation on a transputer array 21426
Yul Jung Soo *see* Soo Yul Jung
Yul Moon Hyun *see* Hyun Yul Moon
Yul Park Oi *see* Oi Yul Park
Yule, T.J. *see* McMichael, G.E. 7706
Yuli Zhang *see* Wengong Shi 50247
Yuliang Zheng *see* Sakurai, K. 24792
Yulin Huang, Shenheng Guan, Hyun Sik Kim, Marshall, A.G. Ion transport through a strong magnetic field gradient by RF-only octupole ion guides 7749
Yulin Li *see* Li Yulin
Yulin Ma *see* Ma Yulin
Yulin Qiu *see* Qiu Yulin
Yulin Zhang *see* Zhengming Wan 8375
Yuling Tang *see* Tang Yuling
Yull Suh Kune *see* Kune Yull Suh
Yulong Mo *see* Mo Yulong
Yulun Wang *see* Wang Yulun
Yum, P., Ake, K., Tai-Wu Kao The application of readily available software packages in communication and radar system simulations 27062
Yumashev, A.V. *see* Akimov, V.A. 28024
Yumashev, K.V., Prokoshin, P.V., Malyarevich, A.M., Mikhailov, V.P. Transient bleaching/induced absorption in reduced $SrTiO_3$ under picosecond excitation 44675
Yumashev, K.V., Prokoshin, P.V., Malyarevich, A.M., Mikhailov, V.P., Artemyev, M.V., Gurin, V.S. Optical transient bleaching and induced absorption of surface-modified copper sulfide nanocrystals 33612
Yumashev, K.V. *see* Malyarevich, A.M. 14386
Yumei Ding *see* Ding Yumei
Yumei Wen *see* Wen Yumei
Yumiba, H. *see* Fukuzawa, M. 32621
Yumin Lee, Cox, D.C. MAP selection diversity DFE for indoor wireless data communications 47529
Yumin Lee, Lin-Shan Lee, Chiu-Yu Tseng Isolated Mandarin syllable recognition with limited training data specially considering the effect of tones 24840
Yumin Wang *see* Wang Yumin
Yuming Jin *see* Jin Yuming
Yuming Liu, Moylan, P.J. Multi-level threshold for priority buffer space management in ATM networks 5715
Yuming Pan *see* Pan Yuming
Yuming Zeng, Malik, O.P. A dynamic emulator for power system control applications 19130
Yumoto, M., Ohkawa, T., Komoda, N., Miyasaka, N. Fault detection of heat source system for an air conditioning system by stochastic qualitative reasoning 51863
Yumoto, M., Sakai, T. Energy distribution of reflected electrons from electrodes with impurities 22139
Yumoto, M. *see* Shimizu, Y. 12062
Yumov, I. On the scattering vibrations of the plane periodic grating 45089
Yumov, I. The resonance on small non-homogeneity in the waveguide 45344
Yumura, H. *see* Ohmatsu, K. 23423
Yumura, T. *see* Harada, K. 35695
Yun, B.T., Choi, D.H. Analysis of heat and fluid flow in a PCB channel using KAICUBE/Hanbit-1 parallel computer 53749
Yun, C.E. *see* Lee, S. 53918
Yun, C.M., Kim, J.H., Han, M.K., Choi, Y.I. Comparison of lateral IGBT and lateral emitter switched thyristor with a partial buried oxide layer 54617
Yun, C.M., Kim, S.D., Han, M.K., Choi, Y.I. A new power MOSFET with self-current limiting capability 43108
Yun, C.M. *see* Kim, S.D. 43146
Yun, C.S. *see* Lee, J.H. 12743
Yun, D.Y.Y. *see* Khan, J.I. 15428
Yun, D.Y.Y. *see* Zong Ling 54735
Yun, F. *see* Shi, Z. 12678
Yun, F. *see* Zhao, J. 29640
Yun, F. *see* Zhao, J.-H. 39159
Yun, H. *see* Edwards, A. 23697
Yun, H.D. *see* Zowarka, R.C. 24416
Yun, H.J. *see* Bai, D.S. 30390
Yun, J.H., Lee, H.J., Kim, J.K. Design and analysis of six port-TEM cell for generating standard electromagnetic fields 4285
Yun, K.-L., Choi, H.-W., Ahn, B.-H. The accounting revenue division in international telecommunications: conflicts and inefficiencies 57691
Yun, K.Y., Beerel, P.A., Vakilotojar, V., Dooply, A.E., Arceo, J. The design and verification of a high-performance low-control-overhead asynchronous differential equation solver 53236
Yun, K.Y., Donohue, R.P. Pausible clocking: a first step toward heterogeneous systems 6139
Yun, K.Y. *see* Chakraborty, S. 53233
Yun, K.Y. *see* Nowick, S.M. 53238
Yun, L.C., Messerschmitt, D.G. Digital video in a fading interference wireless environment 16581
Yun, L.H. *see* Cho, Y.K. 4243
Yun, L.H. *see* Hong, J.P. 45419
Yun, L.H. *see* Lee, J.I. 45055
Yun, S. *see* Jeong, Y. 34106
Yun, S.-J. *see* Lee, J.-G. 42260
Yun, S.H. *see* Culverhouse, D.O. 23648
Yun, S.I. *see* Ju, J.J. 24240
Yun, S.I. *see* Kwon, T.Y. 44728
Yun, T.Y., Han, J.H., Park, M.S. 10 Gbit/s tuned PIN-HEMT hybrid optical receiver with high sensitivity and wide dynamic range 26735
Yun, W.Y. *see* Oh, S.H. 38467
Yun, Z.Q., Tan, B.D., Huang, J. A comparison of different transfer matrices for the calculation of an inverse problem using BEM 44867
Yun, Z.Q., Tan, B.D., Huang, J. Alternative vector potential formulations for magnetostatics 44926
Yun Aidong *see* Yuan Bin 28731
Yun Bae Joo *see* Joo Yun Bae
Yun Chul Chung *see* Ki Nam Oh 40294
Yun Do-Hong *see* Do-Hong Yun
Yun Dong Hyun *see* Dong Hyun Yun
Yun Dongun *see* Dongun Yun
Yun Doseon *see* Doseon Yun
Yun Goo Kim *see* Hee Sang Chung 44063
Yun Hi Lee, Man Ho Song, Byeong Kwon Ju, Dong Ki Shin, Myung Hwan Oh Thin film phosphor prepared by physical vapor deposition for field emission display application 58927
Yun Hi Lee *see* Jae Hoon Jung 53955
Yun Hi Lee *see* Sanjo Lee 53966
Yun Hi Lee *see* Seongjin Kim 53961
Yun Hi Lee *see* Tae Ho Yeom 23690
Yun Ho Kim, Kee-Young Yoo Partitioning systolic arrays based on the basis vectors of array partition space 11492
Yun Huang *see* Huang Yun
Yun Il Dong *see* Il Dong Yun
Yun Ilgu *see* Ilgu Yun
Yun Kyong Kim, Byung Moon Ghil Integrals of fuzzy-number-valued functions 40045
Yun Kyung Suk *see* Kyung Suk Yun
Yun Lang-sheng *see* Lang-sheng Yun
Yun Lee Sang *see* Sang Yun Lee
Yun Li *see* Li Yun
Yun Liu, Davis, P. Adaptive optical sequence generation for collision avoidance using chaos 25537
Yun Liu *see* Kikuchi, N. 14184
Yun Sang-Ki *see* Sang-Ki Yun
Yun Sangwon *see* Sangwon Yun
Yun Seek-Min *see* Seek-Min Yun
Yun Seok Hyun *see* Seok Hyun Yun
Yun Shao *see* Shao Yun
Yun Sik Lee, Maurer, P.M. Bit-parallel multidelay simulation 21630
Yun Sun Jin *see* Sun Jin Yun
Yun Sun-Jin *see* Sun-Jin Yun
Yun Sung-Hyun *see* Sung-Hyun Yun
Yun Sup Shin *see* Hyun Su Kim 3760
Yun Tae Jin *see* Tae Jin Yun
Yun TaeIn *see* TaeIn Yun
Yun Taek Hyun *see* Taek Hyun Yun
Yun Wan Soo *see* Wan Soo Yun
Yun Wang *see* Wang Yun
Yun Weimin, Xi Yugeng The analysis of global convergence and computational efficiency for genetic algorithms 10402
Yun Wohn Kwang *see* Kwang Yun Wohn
Yun Wu *see* Wu Yun
Yun Xiaohan *see* Xiaohan Yun
Yun Xiaoping *see* Xiaoping Yun
Yun Xu *see* Xu Yun
Yun Zhang, Shtrikman, S., Bertram, H.N. Playback pulse shape and spectra for shielded MR heads 43696
Yun Zhang *see* Da-Fu Cui 32679
Yun Zhang *see* Yamamoto, S.Y. 32832
Yun Zhang *see* Zhang Yun
Yun Zhang Shao *see* Zhang Shao Yun
Yun Zhenqing *see* Huang Jian 44946
Yun Zhou *see* Zhou Yun
Yun-Chan Myung *see* Hyun-Ki Hong 15683
Yun-Chao Hu *see* Blankers, P. 26322
Yun-Gi Kim *see* Il-Kwon Kim 41170
Yun-Hi Lee, Byeong-Kwon Ju, Man-Ho Song, Dong-Ho Kim, Taek-Sang Hahn, Myung-Hwan Oh White-light emitting thin-film electroluminescent device using micromachined structure 17710
Yun-Hi Lee *see* Woo-Beom Choi 54320
Yun-Hong Zhou *see* Zhong Shi 29542
Yun-Jiang Rao In-fibre Bragg grating sensors 58776
Yun-Jiang Rao, Webb, D.J., Jackson, D.A., Lin Zhang, Bennion, I. In-fiber Bragg-grating temperature sensor system for medical applications 58818
Yun-Jin Cho *see* Young-Joon Choi 1403
Yun-Jin Huang *see* Huang Yun-Jin
Yun-Lung Chang *see* Chiang, J.Y. 25345
Yun-Lung Chang *see* Chiang, J.Y. 25350
Yun-Nam Chang *see* Satyanarayana, J.H. 1251
Yun-Nan Chang, Ching-Yi Wang, Parhi, K.K. DSP synthesis with heterogeneous functional units using the MARS-II system 4797
Yun-Pan Ho *see* Wen-Ben Jone 53221
Yun-Peng Lin *see* Lin Yun-Peng
Yun-Ping Sun *see* Ciann-Dong Yang 38199
Yun-Seok Jang *see* Youl-Moon Sung 9059
Yun-Ting Lin, Yen-Kuang Chen, Kung, S.Y. Object-based scene segmentation combining motion and image cues 57025
Yun-Ting Lin *see* Yen-Kuang Chen 57284
Yun-Ting Tin *see* Kung, S.Y. 25749
Yun-Yan Li *see* Li Yun-Yan
Yunakov, N.N. *see* Bizioukov, A.A. 7774
Yuncai Wang *see* Wang Yuncai
Yuncheng Wang *see* Wang Yuncheng
Yundong Zhang *see* Zhang Yundong
Yunfen Ji, Davis, R. Reducing the uncertainty in fluorescent lamp/ballast system compatibility 39383
Yunfeng Bai, Zucheng Zhou, Junbi Chen The implementation of MIL STD 1553B processor 53312
Yunfeng Cao *see* Cao Yunfeng
Yung, E.K.N., Leung, S.-W. Integrated training program on product design in an undergraduate course 30046
Yung, E.K.N. *see* Chen, W.D. 47573
Yung, E.K.N. *see* Chen, W.D. 47574
Yung, E.K.N. *see* Chen, Z.N. 34305
Yung, E.K.N. *see* Chen, Z.N. 34328
Yung, E.K.N. *see* Chen Ru Shan 31506
Yung, E.K.N. *see* Chen Ru Shan 41449
Yung, E.K.N. *see* Ding, H.Y. 41405
Yung, E.K.N. *see* Ho, Y.A. 34476
Yung, E.K.N. *see* Hui, H.T. 34487
Yung, E.K.N. *see* Hui, H.T. 56150
Yung, E.K.N. *see* Hwang, Y. 45387
Yung, E.K.N. *see* Leung, K.W. 4348
Yung, E.K.N. *see* Leung, K.W. 45360
Yung, E.K.N. *see* Leung, K.W. 45386
Yung, E.K.N. *see* Liu, Y.W. 33962
Yung, E.K.N. *see* Liu, Y.W. 34034
Yung, E.K.N. *see* Luo, Y.L. 34035
Yung, F.I., Yen Weichung, Lui Haipei, Lih Weicheng Arc sprayed helical electrodes resonant silent discharge CO_2 laser 3695
Yung, G. *see* Bult, K. 17268
Yung, H.C., Lai, H.S. New feature preserving noise removal algorithm based on the discrete cosine transform and the a prior knowledge of pixel type 56933
Yung, H.C. *see* Lai, A.H.S. 23637
Yung, K.L., Cheng, K.W., Zhou, Z.Y., Song, G. Analysis of stepping motor torque ripple control for precision profiling 38763
Yung, K.N. *see* Chen, R.S. 41472
Yung, K.N. *see* Chen, R.S. 41473
Yung, K.N. *see* Chen Ru Shan 11692
Yung, M. *see* Burmester, M. 24678
Yung, M. *see* Frankel, Y. 14797
Yung, M. *see* Franklin, M. 35498
Yung, M. *see* Garay, J.A. 46922
Yung, N.H.C. *see* Lau, A.C.K. 25920
Yung, R. Design decisions influencing the UltraSPARC's instruction fetch architecture 21715
Yung, W.K.C., Fenn, R., Ralph, B., Lee, W.B. Ultrasonic measurement of titanium welds with elevated temperature compensation factor 30197
Yung, Y.L. *see* Lee, K.F. 34356
Yung Hwan Oh *see* Hwan Jin Choi 4588
Yung Jui Chen *see* Shih-Hsiang Hsu 36153
Yung Jung Choong *see* Choong Yung Jung
Yung Park, Ho-Gi Kim Effect of pressure and electric field on the phase transition in zirconium titanate 54951
Yung-Chang Chen *see* Wen-Hao Wang 46228
Yung-Chang Yin A current-mode biquad filter with multi-output using CCIIs 21796
Yung-Cheng Lee *see* Goodwill, D.J. 55468
Yung-Cheng Lee *see* McLaren, T.S. 58394
Yung-Chieh Hsieh, Mansuripur, M., Volkmer, J., Brewen, A. Measurement of the thermal coefficients of nonreversible phase-change optical recording films 32997
Yung-Chih Chen *see* Chua-Chin Wang 1420
Yung-Gu Zoo *see* Hyun-Eoi Shin 3899
Yung-Hei Lee *see* Joon-Seo Yim 41225
Yung-Hui Chuang *see* Ci-Ling Pan 36885
Yung-Hui Yeh, Jiun-Tsuen Lai, Joseph Ya-Min Lee Low contact-resistance and shallow Pd/Ge ohmic contacts to n-$In_{0.53}Ga_{0.47}$ on InP substrate formed by rapid thermal annealing 12534
Yung-Hwan Oh *see* Hajin Yu 34701
Yung-Jui Chen *see* Haifeng Li 47498
Yung-Jui Chen *see* Jin-Xing Cai 58380
Yung-Kwon Kim *see* Chun-Kwan Park 25874
Yung-Kwon Sung *see* Cheol-Jin Lee 2560
Yung-Kwon Sung *see* Cheol-Jin Lee 23692
Yung-Lung Chin *see* Wen-Yaw Chung 7363
Yung-Ming Fang, Wong, D.F. Multiplexor network generation in high level synthesis 1052
Yung-Nien Sun *see* Jiann-Shu Lee 25562
Yung-Nien Sun *see* Yuh-Hwan Liu 59487

Yung-Pin Lee, Liang-Gee Chen, Mei-Juan Chen, Chung-Wei Ku A new design and implementation of 8×8 2-D DCT/IDCT 35070
Yung-Pin Lee *see* Chung-Wei Ku 5179
Yung-Pin Lee *see* Chung-Wei Ku 25385
Yung-Pin Lee *see* Chung-Wei Ku 56954
Yung-Sheng Chen Automatic identification for a Chinese seal image 5240
Yung-Sheng Chen, Tsay-Der Lin Simulation of closure process for line patterns 5369
Yung-Sheng Chen, Yu-Tien Yu Thinning approach for noisy digital patterns 5242
Yung-Sheng Chen, Yu-Tien Yu Thinning noisy binary patterns using human visual symmetry 5360
Yung-Sung Son *see* Sang-Yun Yi 44715
Yung-Ting Lee *see* Ju-Hong Lee 34832
Yung-Yaw Chen, Chi-Hung Chen, Win-Li Lin Neural networks modeling of temperature field distribution in hyperthermia 49769
Yung-Yaw Chen *see* Chung-Jie Lin 47858
Yung-Yuan Chen *see* Mill-Jer Wang 54766
Yungil Joe *see* Haksoo Han 58391
Yungseon Eo *see* Sang-Gi Lee 43014
Yunhan Dong, Forster, B., Ticehurst, C. Polarimetric image classification using optimal decomposition of radar polarization signatures 6889
Yunhao Liu *see* Liu Yunhao
Yunhe Pan *see* Pan Yunhe
Yunho Choi *see* Sungjoon Kim 2820
Yunhong Ma *see* Zheren Lai 51144
Yunhong Wang *see* Chunling Yang 26983
Yunhyun Cho, Joo Lee An investigation on the characteristics of a single-sided linear induction motor at standstill for Maglev vehicle 51763
Yunjia Huang *see* Huang Yunjia
Yunjie Han *see* Han Yunjie
Yunju Baek, Hwang-Seok Oh, Heung-Kyu Lee An efficient block-matching criterion for motion estimation and its VLSI implementation 15948
Yunjun Li *see* Li Yunjun
Yunjun Xia *see* Xia Yunjun
Yunlian Sun *see* Sun Yunlian
Yunlong Liu *see* Liu Yunlong
Yunlong Sheng *see* Yansong Chen 33599
Yunlong Zhao *see* Zhao Yunlong
Yunlu Zou *see* Pedrini, G. 4114
Yunming Li, Wong, W.C.K. An efficient and robust method to detect object centre 57192
Yunovich, A.E. *see* Turkin, A.N. 23698
Yunpeng, L., Cunzhi, L., Enze, L. A new approach to tunneling 54573
Yunping Feng *see* Feng Yunping
Yunping Yang *see* Dongsheng Wang 36917
Yunqi Liu *see* Liu Yunqi
Yunshan Wang *see* Wang Yunshan
Yunsu Zhu *see* Zhu Yunsu
Yunsuo Duan *see* Duan Yunsuo
Yuntao Liu *see* Liu Yuntao
Yunwei Cao *see* Cao Yunwei
Yunxin Zhao *see* Bing-Bing Chai 15561
Yunyi Wang *see* Jiazong Zhang 34194
Yunyi Wang *see* Yang Zhao 21417
Yunyi Wang *see* Wang Yunyi
Yunzhan Gong *see* Gong Yunzhan
Yuon-Tsu Hsieh *see* Wei-Tsu Tseng 54380
Yuou Sun *see* Sun Yuou
Yupin Luo, Shiyuan Yang, Dongcheng Hu Constructing an edge-route guaranteed optimal fault-tolerant routing for biconnected graphs 57671
Yupin Luo *see* Luo Yupin
Yuping Xing *see* Xing Yuping
Yuping Zheng *see* Zheng Yuping
Yuqi Jin *see* Jin Yuqi
Yuqi Yao, Yao Wang, Yaling Pei, Wenwu Zhu, Barbour, R.L., Brooklyn Frequency-domain optical imaging of absorption and scattering distributions by a Born iterative method 25519
Yuqi Yao *see* Wenwu Zhu 57133
Yuqin Chang *see* Li Feng 29578
Yuqing Fu *see* Fu Yuqing
Yuqing Zhu, Qinqing Yang, Qiming Wang Effect of Si-Ge interdiffusion on the waveguide properties of SiGe-Si MQW photodetector 58750
Yuquan Hao *see* Peigang Li 43602
Yuquan Shen *see* Shen Yuquan
Yuquan Zhang *see* Zhang Yuquan
Yura, H.T. *see* Rose, B. 36919
Yura, S., Sakamura, K. Real-time browser for the Digital Museum available with low-cost terminals and low-bandwidth networks 26340
Yura, S. *see* Morimoto, W. 31696
Yurchenko, A.P. *see* Barchuk, I.P. 32085
Yurchenko, A.P. *see* Barchuk, I.P. 43259
Yurchenko, N.I. *see* Arlantsev, S.V. 13953
Yurchenko, V. *see* Buzykaev, A. 37237
Yurchenko, V.B. Effective figure of merit increase at the large temperature drops 39229
Yurchenko, V.I. Additional coordinate chambers to suppress the background due to nuclear interactions and delta-electrons 28025
Yurchenko, V.I. *see* Aulchenko, V.M. 37243
Yurchuk, S.Yu. *see* Kol'tsov, G.I. 12630
Yurevich, N.M. *see* Nazarov, A.A. 58242
Yurevich, V.A. Quasichaotic structure of radiation from injection lasers with an external cavity 14119
Yurevich, V.A. Mode self-locking conditions in a semiconductor injection laser with external cavity 33515
Yuri, M., Ueda, T., Lee, H., Itoh, K., Baba, T., Harris, J.S., Jr. Vapor phase epitaxy of GaN using gallium tri-chloride and ammonia 21307
Yuri, M. *see* Onuki, H. 59117
Yuri, M. *see* Takayama, T. 14117
Yuri, M. *see* Ueda, T. 21306
Yurin, Yu.I. *see* Kayukov, S.V. 4162
Yurish, S.Y., Dudykevych, V.B. Microelectronics CAD education and researches: Where is Ukraine going? 9880
Yurish, S.Y., Mokrenko, P.V. Program-simulated methods for frequency/code converters 1649
Yurish, S.Y. *see* Mokrenko, P.V. 17604
Yurjev, G.S. *see* Fainer, N.I. 40546
Yurke, B., Roukes, M.L., Movshovich, R., Pargellis, A.N. A low-noise series-array Josephson junction parametric amplifier 3290
Yurkin, A.M. *see* Antsigin, V.D. 13684
Yurkin, I.M. *see* Kranjcec, M. 33167
Yurkin, Yu.T. *see* Dmitrenko, V.V. 59282
Yurko, M. *see* Kagan, H. 37508
Yurko, M. *see* Shipsey, I. 59232
Yurko, M. *see* Spencer, M.B. 59274
Yurkov, M.V. *see* Dolbilov, G.V. 37044
Yurkov, M.V. *see* Saldin, E.L. 37040
Yurkovets, D.I. *see* Sokolov, V.N. 12132
Yurong Ma *see* Jingbiao Cui 887
Yusa, G., Sakaki, H. Trapping of photogenerated carriers by InAs quantum dots and persistent photoconductivity in novel GaAs/n-AlGaAs field-effect transistor structures 22396
Yusa, G. *see* Narihiro, M. 22337
Yusa, K. *see* Tsujita, Y. 37285
Yuschuk, N.D. *see* Sundukov, A.V. 8098
Yushan Shi *see* Hanlin Wang 24149
Yushan Tan *see* Tan Yushan
Yushchenko, A.G., Chizhov, V.V. New cell of precision microwave dielectric substrates testing 27834
Yusheng Feng *see* Oden, J.T. 617
Yusheng Rao, Jiannan Wu, Taoguang Xu A broad beam cold cathode Penning ionization gauge ion source for ion-beam-assisted deposition 7769
Yusheng Tang *see* Tang Yusheng
Yusheng Wu *see* Wu Yusheng
Yushi Sun *see* Young-Kil Shin 44922
Yushin, N.K., Smirnova, E.P. Quasi-static susceptibility derived from field induced strain in electrostrictive ceramics 23164
Yushkevich, Yu. *see* Latuszynski, A. 28005
Yushkov, A.N. *see* Baru, S.E. 37227
Yushkov, G. *see* Oks, E. 23210
Yushu Zhan *see* Zhan Yushu
Yushuang Cai *see* Cai Yushuang
Yushun Guo *see* Guo Yushun
Yusoff, M.M.B.M., Sengupta, N., Alder, C , Glover, I.A., Watson, P.A., Howell, R.G., Bryant, D.L. Evidence for the presence of turbulent attenuation on low-elevation angle Earth-space paths. I. Comparison of CCIR recommendation and scintillation observations on a 3.3° path 24473
Yusov, D.E. *see* Pastushenkov, Yu.G. 55021
Yussef, H. *see* Pospelova, T.G. 8732
Yussouff, M. *see* Brailsford, A.D. 27716
Yussouff, M. *see* Brailsford, A.D. 36768
Yuste, C. *see* Alberdi, J. 37564
Yuster, R. *see* Alon, N. 21082
Yustin, I., Suyama, K. Analysis of switched-capacitor and switched-current networks with complete settling assumption 1118
Yusuf, S.M., Rao, L.M. Magnetic studies in mesoscopic length scale using polarized neutron spectrometer at Dhruva reactor, Trombay 18142
Yusun Luo *see* Luo Yusun
Yuta, H. *see* Abe, K. 37234
Yuta, H. *see* Abe, K. 59233
Yuta, S. *see* Maeyama, S. 27899
Yuta, S. *see* Ohno, T. 35210
Yutaka Suzuki *see* Pyong Sik Pak 19569
Yutang Ya, Yongzhi Liu, Xu Liu The determination of the interference fringe order in the split-beam liquid crystal display cell gap meter 7497
Yutang Ye *see* Ye Yutang
Yutang Zhang *see* Zhang Yutang
Yutani, N. *see* Wada, H. 58846
Yutao Feng, Gelenbe, E. Image content classification using geometric recurrent random neural networks 57521
Yutao Zhu *see* Zhu Yutao
Yutian Liu *see* Liu Yutian
Yutian Wang *see* Wang Yutian
Yuuki, A. *see* Kawahara, T. 837
Yuuki, A. *see* Kawahara, T. 53301
Yuuki, A. *see* Mikami, N. 21990
Yuung-Der Yarng *see* Zone-Ching Lin 10560
Yuvarajan, S. *see* Da Feng Weng 38825
Yuwang Xue *see* Xue Yuwang
Yuwei Chang, Wei, V.K.-W. q-ary turbo codes with QAM modulations 45612
Yuxi Chu *see* Chu Yuxi
Yuxia Wang *see* Wang Yuxia
Yuxia Zhang *see* Garcia-Luna-Aceves, J.J. 5864
Yuxiang Shi *see* Shi Yuxiang
Yuxiang Zheng *see* Zheng Yuxiang
Yuxing Gu *see* Zicai Liang 54952
Yuxing Peng *see* Peng Yuxing
Yuxing Zhao An analytical model for Pr^{3+}-doped fluoride fibre upconversion lasers 23789
Yuyama, I. Three-dimensional television and coding 45550
Yuyama, I. *see* Okano, F. 58924
Yuyama, I. *see* Wentao Zheng 46102
Yuyan Wu *see* Iyengar, S.S. 25451
Yuying An *see* Xiaodong Zeng 55796
Yuying Li *see* Coleman, T.F. 10416
Yuying Wu, Ikeda, H., Yoshida, H., Shinohara, S. Parallel transmission of square-wave FM multifrequency control signal using optical fiber 16715
Yuying Yang, Xizhi Shi Feature extraction of brainstem auditory evoked potential signals based on wavelet transform 28375
Yuyuan Du *see* Jinghua Li 53151
Yuyun Liao, Walker, D.M.H. Fault coverage analysis for physically-based CMOS bridging faults at different power supply voltages 32549
Yuzawa, T. *see* Ando, D. 13378
Yuzbe Chen *see* Tehrani, P.F. 2427
Yuzhakov, A.A. *see* Nazarov, A.A. 399
Yuzhakov, V. *see* Bandyopadhyay, S. 54183
Yuzhang Liu, Fangchun Yang, Junliang Chen Service interaction and its resolving approach 6296
Yuzhe Chen, Zhaoqing Chen, Jiayuan Fang Optimum placement of decoupling capacitors on packages and printed circuit boards under the guidance of electromagnetic field simulation 1763
Yuzhe Chen *see* Jiayuan Fang 41355
Yuzhen Huang *see* Biying Huang 9520
Yuzhen Huang *see* Biying Huang 9526
Yuzhen Shen *see* Shen Yuzhen
Yuzhen Tong *see* Tong Yuzhen
Yuzhi Wang *see* Wang Yuzhi
Yuzhi Zhang *see* Bahar, E. 56034
Yuzhong Sun, Daozheng Wei A parallel test generation for combinational circuits based on Boolean satisfiability 11399
Yuzhou Zhong *see* Qi Wei 57346
Yuzhu Feng *see* Feng Yuzhu
Yuzhu Wang *see* Jianping Yin 48556
Yuzhuo Zhong *see* Zhong Yuzhuo
Yvinec, M. *see* Avnaim, F. 40192
Yzuel, M.J. *see* Ahouzi, E. 57334
Yzuel, M.J. *see* Caulfield, H.J. 15838
Yzuel, M.J. *see* Hild, R. 44176

Zaafrani, E. *see* Medromi, H. 27897
Zaaiman, W. *see* Helmke, C. 36522
Zaaiman, W. *see* Osterwald, C.R. 39167
Zabal, X. *see* Alsup, J.M. 16979
Zabala, N. *see* Gorria, P. 3080
Zabalawi, I.H. *see* Ali, A.A. 6468
Zaban, A. *see* Bechinger, C. 13696
Zabar, Z. *see* Liao, M. 24419
Zabar, Z. *see* Mancini, R. 9456
Zabar, Z. *see* Vottis, P.M. 24420
Zabarnick, S. *see* Heneghan, S.P. 18743
Zabaronick, N., Sherrer, D., Claus, R., Murphy, K., Duncan, P., Shinpaugh, K. Remote optical interrogation of embedded optical fiber sensors 17405
Zabaronick, N. *see* Huston, D.R. 20152
Zabaronick, N. *see* Rutherford, P. 17401
Zabberoni, P. *see* Kramer, A. 21831
Zabel, H.-J. *see* Knopp, M.V. 8010
Zabih, R. *see* Pass, G. 25466
Zabin, S.M., Wright, G.A. Nonparametric techniques for non-Gaussian interference system 4787
Zabinsky, S.I. *see* Ming-Chieh Lee 35187
Zaboronkova, T.M., Kondrat'ev, I.G., Kudrin, A.V. Wave emission from a VLF plasma-waveguide antenna system under ionospheric conditions 45423
Zaboronkova, T.M., Kostrov, A.V., Kudrin, A.V., Smirnov, A.I., Shaikin, A.A. Structure of the electromagnetic fields of loop radiators in magnetized plasmas over the whistler frequency range 45422
Zaboronkova, T.M. *see* Gorbachev, A.A. 4374
Zaborovski, V. *see* Lopota, V. 16245
Zaborowski, M. *see* Grabiec, P.B. 43397
Zabukovec, M. *see* Jager, F. 49624
Zabulonov, M.I. *see* Evtikhiev, N.N. 5457
Zaccaria, P. *see* Collarin, P. 29437
Zaccaria, R. *see* Giuffrida, F. 27900
Zaccaria, R. *see* Giuffrida, F. 36897
Zaccarin, A. *see* Bolduc, P. 19013
Zaccarin, A. *see* LeQuang, D. 56879
Zaccherni, C., Bacchetta, M., Pavia, G., Riva, L., Savoia, C. Evaluation of microstructure evolution of Al-1% Si-0.5% Cu thin film induced by post deposition processing 42782
Zacchiroli, P. *see* Ambrosini, R. 36301
Zacek, M. *see* Rosenkranz, J. 17711
Zach, F.C. *see* Ertl, H. 31130
Zacharia, N., Rajski, J., Tyszer, J., Waicukauski, J.A. Two-dimensional test data decompressor for multiple scan designs 40984
Zachariades, H.A. *see* Karageorghis, A. 10544
Zachariah, K.J. *see* Finch, J.W. 38681
Zachariah, M.R. *see* McMillin, B.K. 32216

Zachariah, S.G., Sanders, J.E. Interface mechanics in lower-limb external prosthetics: a review of finite element models 18538
Zacharias, H. *see* Seongtae Jeong 31788
Zacharias, L. *see* Knorr, U. 60871
Zacharias, M., Weigand, R., Dietrich, B., Stolze, F., Blasing, J., Veit, P., Drusedau, T., Christen, J. A comparative study of Ge nanocrystals in $Si_xGe_yO_z$ alloys and SiO_x/GeO_y multilayers 41822
Zachariasse, J.M.F., Walker, J.F. Direct write patterning of titanium films using focused ion beam implantation and plasma etching 42817
Zachariou, A., Barnham, K.W.J., Griffin, P., Nelson, J., Button, C., Hopkinson, M., Pate, M., Epler, J. A new approach to p-doping and the observation of efficiency enhancement in InP/InGaAs quantum well solar cells 38988
Zacharski, J. *see* McClelland, T. 27822
Zacharski, R. *see* Delin, J. 56362
Zachary, D.S. *see* Franz, A. 36445
Zachary, J.F. *see* O'Brien, W.D., Jr. 59829
Zachary, J.L. An introduction to computing for engineers: new approaches to content and pedagogy 20481
Zachary, W.W. *see* Mahmood, M.F. 13566
Zachary, W.W. *see* Ryder, J.M. 57766
Zacharyash, V.F. *see* Bagayev, S.N. 21936
Zacheja, J. *see* Hofmann, T. 27516
Zacheja, J. *see* Hofmann, T. 48423
Zachepilo, P.S. *see* Bushik, A.I. 22128
Zachepilo, P.S. *see* Bushik, A.I. 23219
Zacher, D.M. New charged-plate monitor design offers greater flexibility 20820
Zaciu, R., Lamba, C., Burlacu, C., Nicula, G. Motion estimation and motion compensation using an overcomplete discrete wavelet transform 57029
Zadeh, L.-A. Decision analysis and fuzzy mathematics: a personal perspective 10282
Zadernovsky, A.A. *see* Rivlin, L.A. 13911
Zadgaonkar, A.S., Shukla, A., Tiwari, A. Speech pathological study of epinosic patient using artificial neural network 4590
Zadiraka, V.K., Melnikova, S.S. Fast multiplication of long numbers using FFT 34539
Zador, A. *see* Stevens, C.F. 59630
Zadro, K., Babic, E., Liu, H.K., Dou, S.X. Irreversible magnetization and critical currents in silver-sheathed $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10-y}$ tape 23396
Zadrozny, J. Computer and laboratory simulation of small induction motor 50966
Zadzora, T. *see* Sheldon, S. 18650
Zaeferani, M.S. *see* Parvin, P. 44329
Zaengl, W. *see* Der Houhanessian, V. 19797
Zaengl, W.S. *see* Der Houhanessian, V. 9311
Zaengl, W.S. *see* Kachler, A.J. 9297
Zafar, S. *see* Zurcher, P. 1378
Zafar Iqbal, M. Porous silicon - an overview 12156
Zafer, B. *see* Ryan, W.E. 3211
Zaffanella, C., McGorty, C. Miniature analog sun sensors–a unique building block approach 49902
Zaffanella, L.E., Sullivan, T.P., Visintainer, I. Magnetic field characterization of electrical appliances as point sources through in situ measurements 33787
Zafirovic-Vukotic, M., Ilic, A., Orlic, D., Popovic, D., Beleslin, M., Boskovic, M., Vuckovic, D. EPAK: computer communications network of EPS [Serbian power utility] 19208
Zafrir, H. *see* Pernick, A. 37473
Zaganczyk, R. *see* Popkiewicz, M. 49345
Zaganlaris, A. *see* Ims, L.A. 26380
Zagar, B. *see* Ferrara, K.W. 28134
Zagar, B. *see* Ferrara, K.W. 28186
Zagar, M., Muzak, G., Trupec, D., Kuresevic, A. Network operations automatic analysis system 36339
Zagar, M. *see* Kovac, M. 41234
Zager, S. Smart pressure transmitters in the fieldbus era 7268
Zaghloul, M. *see* Hodge, A. 1675
Zaghloul, M. *see* Szu, H.H. 59737
Zaghloul, M.E. *see* Hsu, C.C. 1656
Zaghloul, M.E. *see* Milanovic, V. 5695
Zaghloul, M.E. *see* Milanovic, V. 12871
Zaghloul, M.E. *see* Milanovic, V. 53686
Zagidulin, R.V. Current model for a surface defect with nonuniform "magnetic charge" distribution on its sides 52881
Zagidullin, M.V., Nikolaev, V.D., Svistun, M.I., Khvatov, N.A., Ufimtsev, N.I. Highly efficient supersonic chemical oxygen-iodine laser with a chlorine flow rate of 10 mmol s^{-1} 55487
Zagidullin, M.V. *see* Blayvas, I. 13928
Zaginaylov, G.I., Turbin, P.V. Rigorous numerical theory of finite length periodic structure excitation 41793
Zaglia, M.R. *see* Brezinski, C. 593
Zagolski, F. *see* Nezry, E. 48066
Zagorska, M. *see* Barta, P. 23668
Zagorska, M. *see* Barta, P. 55449
Zagorski, A. *see* Jeda, W. 55889
Zagorskii, A.V. Optimal energy and mass input into an electro-thermal launcher 33869
Zagorskii, A.V. *see* Katsnel'son, S. 24402
Zagoruiko, Yu.A. *see* Dubovik, M.F. 13230
Zagozdzon-Wosik, W. *see* Montandon, S. 42378
Zagreev, B.V. *see* Akimov, V.A. 28024
Zagrobelny, T. *see* Pawszak, T. 16167
Zagrodzinski, J.A. *see* Pawlikowski, R. 32919
Zagumennyi, A.I. *see* Mikhailov, V.A. 44402
Zagumennyi, A.I. *see* Umyskov, A.F. 3784
Zagursky, V. *see* Allen, G. 18192
Zagursky, V. *see* Gertners, A. 21772
Zagwijn, P.M., Frenken, J.W.M., Van Slooten, U., Duine, P.A. A model system for scandate cathodes 53903
Zagwijn, P.M. *see* Polman, A. 31759
Zah, C.E., Pathak, B., Amersfoort, M.R., Favire, F., Lin, P.S.D., Andreadakis, N.C., Rajhel, A., Bhat, R., Caneau, C., Koza, M.A., Curtis, L. High power 10-wavelength DFB laser arrays with integrated combiner and optical amplifier 55630
Zah, C.E. *see* Amersfoort, M.R. 44511
Zah, C.E. *see* Lee, T.P. 58326
Zaharescu, M. *see* Cobianu, C. 40517
Zahariadis, T., Pramataris, K., Stassinopoulos, G. Internet access over residential ATM networks 57784
Zaharie, I. *see* Mihalca, I. 3065
Zaharis, Z., Miaris, G., Vafiadis, E., Sahalos, J.N. On the design of base station hybrid antenna arrays 26584
Zaharova, T.P. *see* Chvykov, V.V. 8106
Zahar'yash, T.I. *see* Ovsyuk, V.N. 17374
Zahawi, B.A.T.Al *see* Al Zahawi, B.A.T.
Zahedi, A., Voumard, P.R. Computer based learning of power flow analysis and design. A learning model for undergraduate power engineering classes 20539
Zahedi, E., Nezhadi, H. PC-based, low cost 3-D medical ultrasonic imaging 18241
Zahir, S.S., Kanefsky, M. A guide-aided predictive coding technique for images 35352
Zahirzami, S. *see* Dehili, A. 5407
Zahirzami, S. *see* Dehili, A. 57222
Zahka, J. *see* Mouche, L. 32328
Zahlan, N., Emmerson, G.T. Using optical sensors to understand core crush in composite panels during processing 10954
Zahle, M., Ziezold, H. Fractional derivatives of Weierstrass-type functions 10495
Zahlmann, P. *see* Brocke, R. 14637
Zahm, U., Hollstein, T., Herpel, H.-J., Wehn, N., Glesner, M. Advanced method for industry related education with an FPGA design self-learning kit 11313
Zahn, B.A., Stout, R.P. Evaluation of isothermal and isoflux natural convection coefficient correlations for utilization in electronic package level thermal analysis 52275
Zahn, D.R.T. *see* Beyer, R. 43228
Zahn, D.R.T. *see* Proesch, G. 40477
Zahn, D.R.T. *see* Schneider, A. 52667
Zahn, D.R.T. *see* von der Emde, M. 796
Zahn, D.R.T. *see* Von der Emde, M. 21240
Zahn, D.R.T. *see* Werninghaus, T. 41898
Zahn, M. Power dissipation and magnetic forces on MAGLEV rebars 44937
Zahn, M. *see* Badent, A. 23150
Zahn, M. *see* Du, Y. 9312
Zahn, M. *see* Gung, T.J. 32706
Zahn, M. *see* Mamishev, A. 13203
Zahn, M. *see* Mamishev, A.V. 36523
Zahn, M. *see* Schlicker, D. 19792
Zahn, M. *see* Schlicker, D. 32715
Zahn, M. *see* Ustandag, A. 13260
Zahn, M. *see* Ustundag, A. 27813
Zahn, M. *see* Washabaugh, A.P. 23249
Zahn, R. *see* Schlott, M. 27020
Zahn, R.W. The design of a future X-band SAR 16909
Zahnert, T., Vogel, U., Hofmann, G., Huttenbrink, K.-B. Problems of laser vibrometry of temporal bone specimens 59457
Zahnert, T. *see* Vogel, U. 37715
Zahnow, D. *see* Campajola, L. 7751
Zahorian, S.A. *see* Cycon, H.L. 14962
Zahorian, S.A. *see* Norton, C.A., III 14963
Zahorski, D., Stehle, J.L., Piel, J.P., Rey, J.P., Escadafals, L., Iwasaki, A., Kamiyama, Y. Automated spectroscopic ellipsometry for characterization of complex multilayers for 550×650×0.7 mm LCD production control 58931
Zahurak, J.K. *see* Iliadis, A.A. 43151
Zahzah, E. *see* Menard, M. 56610
Zai Sheng Jiang, Jian Zhang, Xinghuo Yu A DSP based multi-user type single phase electricity meter with automatic meter reading 60443
Zai-Guang Li *see* Jun Li 3682
Zai-Guang Li *see* Li Zai-Guang
Zaibing Guo, Jianrong Zhang, Ning Zhang, Weiping Ding, He Huang, Youwei Du Electrical properties of $La_{0.7-x}Pr_xSr_{0.3}MnO_3$ perovskite 43642
Zaichenko, E.Yu., Zaichenko, Yu.P. Finding the maximal flow and analyzing the network fail-safety indices 16127
Zaichenko, Yu.P. *see* Zaichenko, E.Yu. 16127
Zaider, M. *see* Amols, H.I. 59767
Zaidi, H. Comparative methods for quantifying thyroid volume using planar imaging and SPECT 7908
Zaidi, H. Assessment of thyroid volume with pinhole emission computed tomography 7968
Zaidi, H. Quantitative SPECT: recent developments in detector response, attenuation and scatter compensation techniques 37757
Zaidi, H. *see* Paulmier, D. 53725
Zaidi, M., Vanbotsele, R., Robert, A., Derwael, C., Fesler, R., Brohet, C. QT dispersion in myocardial infarction: influence of lead combination 37818
Zaidi, S.H. Practical problems associated with laser anemometry in high speed turbomachines 36978
Zaidi, S.H. Difficulties in applying laser technique to measure drop sizes in vertical and inclined annular gas-liquid flows 48913
Zaidi, S.H. *see* Chen, X. 7501
Zaidi, S.H. *see* Xiaolan Chen 22698
Zaidman, B. Research area selection in academic departments 52079
Zaidman, B. *see* Tzidony, D. 106
Zaidman, E.G., Freund, H.P. GATOR: A 3D time-dependent simulation code for helix TWTs 12121
Zaidman, E.G. *see* Freund, H.P. 12119
Zaidman, E.G. *see* Jensen, K.L. 41770
Zaidman, E.G. *see* Phillips, P.M. 31702
Zaiguang Li *see* Li Zaiguang
Zaika, V., Shishatsky, A., Nadtochy, V., Rogoza, M. Control for the electric power saving in coal mines 20290
Zaikin, A.D. *see* Wilhelm, F.K. 43804
Zaikin, A.E. *see* Gureev, D.M. 39762
Zaikin, V.I. *see* Kouzmin, V.S. 49869
Zaikov, N.K., Mushnikov, N.V., Gaviko, V.S. Reversible $TbFe_2H_x$-base permanent magnet 55063
Zailsev, S.V. *see* Maksimov, M.V. 44463
Zailu Huang *see* Huang Zailu
Zaima, E. *see* Kato, S. 28924
Zaima, S. *see* Ikeda, H. 2379
Zaimidoroga, O.A. *see* Golubchikov, A.V. 18091
Zain, A.A., Sundar Rajan, B. Dual codes of systematic group codes over Abelian groups 24757
Zainud-Dean, S.H. *see* Balinacy, A.I. 56159
Zainud-Deen, S.H. Elimination of backscattering from conducting surfaces using externally loaded straight wire system 56012
Zaiping Nie *see* Nie Zaiping
Zaitsev, A. *see* Sanghvi, N.T. 28413
Zaitsev, A.I. *see* Sysoev, A.M. 54939
Zaitsev, A.M., Kobelev, A.S., Kremeshnyi, Yu.A., Likhodeev, S.I., Pakin, A.I. Two-speed asynchronous condenser motors with a fan load 60776
Zaitsev, A.M. *see* Job, R. 42915
Zaitsev, B.D., Kuznetsova, I.E. Surface acoustic waves in a gallium arsenide-conducting layer structure 3018
Zaitsev, B.D., Kuznetsova, I.E., Popov, V.V. Influence of the field effect on the characteristics of surface acoustic waves in a gallium arsenide MIS structure 22469
Zaitsev, D. *see* Aulchenko, V.M. 37214
Zaitsev, D.B. *see* Ptitsyna, N.G. 28456
Zaitsev, E.F., Yavon, Y., Yufit, G.A., Beltran, M.R., Khodorkovsky, J.S. Low-cost microwave and MM-wave integrated phased arrays with ferrite control 45464
Zaitsev, E.V. *see* Sokolov, O.B. 32151
Zaitsev, G.F. *see* Kruzhalov, S.V. 14035
Zaitsev, G.M. *see* Georgievskii, A.M. 31513
Zaitsev, S.I. *see* Dremova, N.N. 18122
Zaitsev, S.V., Gordeev, N.Yu., Sherniakov, Yu.M., Ustinov, V.M., Zhukov, A.E., Egorov, A.Yu., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I., Ledentsov, N.N., Kirstaedter, N., Bimberg, D. Radiation characteristics of injection lasers based on vertically coupled quantum dots 44520
Zaitsev, S.V. *see* Kop'ev, P.S. 23931
Zaitsev, S.V. *see* Ledentsov, N.N. 2177
Zaitsev, S.V. *see* Ledentsov, N.N. 24005
Zaitsev, S.V. *see* Shernyakov, Yu.M. 55653
Zaitsev, S.V. *see* Zhukov, A.E. 44487
Zaitsev, V.I. *see* Volkov, G.S. 18151
Zaitsev, V.K. *see* Fedorov, M.I. 31909
Zaitsev, V.V., Zaitsev, V.V. Analysis of the speckle suppression algorithms based on the MAP approach 16869
Zaitsev, V.V. *see* Zaitsev, V.V. 16869
Zaitsu, T. *see* Tanaka, H. 51326
Zaitsu, Y., Shimizu, T., Takeuchi, J., Matsumoto, S., Yoshida, M., Abe, T., Arai, E. Stress of ECR plasma CVD Si_3N_4 films on FZ-Si 40659
Zaiwang Dong *see* Jianxin Wang 58531
Zaiyong Wang *see* Wang Zaiyong
Zajac, D.J., Lutz, R., Mayo, R. Microphone sensitivity as a source of variation in nasalance scores 28265
Zajac, H.R. *see* Crain, B.R. 49918
Zajac, W. *see* Szelag, A. 51773
Zajc, B. *see* Frost, A. 11147
Zajc, B. *see* Trost, A. 53197
Zajczyk, R., Szczerba, Z. Local control of the generating node during transients as a new philosophy of protection against loss of stability 19436
Zak, T., Jiraskova, Y., Schneeweiss, O., Solyom, A., Marko, P. High temperature magnetization of 3.5% Si steel 3089
Zakarian, A.V. *see* Vleeming, B.J. 3287
Zakatov, L.P. *see* Barinov, N.U. 29386
Zakatov, L.P. *see* Dolgachev, G.I. 19899
Zakatov, S.P. *see* Demyanov, S.E. 49942
Zakel, E., Reichl, H. Reliability of inner lead and outer lead contacts for TAB technology: An overview of metallurgical reactions in the ternary Cu-Sn-Au system 30399
Zakel, E. *see* Aschenbrenner, R. 20897
Zakel, E. *see* Aschenbrenner, R. 30260
Zakel, E. *see* Azdasht, G. 12811
Zakel, E. *see* Azdasht, G. 22091

Zakel, E. *see* Beutler, U. 22092
Zakel, E. *see* Jung, E. 12010
Zakel, E. *see* Jung, E. 20910
Zakel, E. *see* Jung, E. 22094
Zakel, E. *see* Kallmayer, C. 22090
Zakel, E. *see* Kallmayer, C. 31649
Zakel, E. *see* Kloeser, J. 12009
Zakel, E. *see* Kloeser, J. 53829
Zakel, E. *see* Ostmann, A. 22085
Zakharchenko, Yu.F., Sinitsyn, N.I., Gulyaev, Yu.V. Distributed generator with extended interaction on field emitter arrays 53967
Zakharchenko, Yu.F., Sinitsyn, N.L., Gulyaev, Yu.V. Simulation of field emission and electrodynamic characteristics for triode near-cathode modulators with edge field emitter arrays 53959
Zakharchenko, Yu.F. *see* Gulyaev, Yu.V. 53897
Zakharchenko, Yu.F. *see* Gulyaev, Yu.V. 53953
Zakharchenya, B.P. *see* Gusev, O.B. 22203
Zakharenko, A.B. *see* Izosimov, D.B. 29315
Zakharenko, A.B. *see* Izosimov, D.B. 60746
Zakharenkov, V.F., Starichenkova, V.D., Mel'nik, V.E., Prokof'eva, V.V. Analysis of the radiation characteristics of geostationary satellites from the results of observations by Earth-based astronomy 28493
Zakharin, B. *see* Stricker, J. 15959
Zakharov, A.N. *see* Bugaev, S.P. 21354
Zakharov, D.N. *see* Vasil'ev, A.G. 30899
Zakharov, G.A. *see* Muminov, R.A. 51569
Zakharov, I.M. *see* Kurishev, G.L. 17502
Zakharov, L.Yu. *see* Baru, V.G. 12582
Zakharov, S., Manykin, E. Digital data flow control based on the photon echo phenomenon 13769
Zakharov, S.M., Manykin, E.A. Digital vector-matrix multiplication on the basis of a photon echo 3508
Zakharov, S.M. *see* Goryachev, V.A. 55808
Zakharov, V.A. *see* Ul'yanov, A.I. 52909
Zakharova, I.B. *see* Belyakov, L.V. 44242
Zakharova, I.G., Karamzin, Yu.N., Trofimov, V.A. Diffraction effects in the interaction of counter-propagating light beams in an optically bistable scheme with a mirror with hole on its axis 4060
Zakhary, S.G. *see* Abdelaziz, M.E. 28007
Zakharyash, T.I. *see* Ovsyuk, V.N. 17376
Zakharyash, T.I. *see* Ovsyuk, V.N. 36562
Zakharyash, T.I. *see* Vasilyev, V.V. 36550
Zakharyash, V.F. *see* Bagayev, S.N. 27376
Zakhidov, A.A. *see* Fujii, A. 33254
Zakhidov, A.A. *see* Onoda, M. 55390
Zakhidov, A.A. *see* Tada, K. 55388
Zakhidov, R.A., Kiseleva, E.I., Orlova, N.I., Tadzhiev, U.A. Criteria of windmill power plants selection to meet wind conditions in the regions of their installation 50861
Zakhleniuk, N.A., Bennett, C.R., Constantinou, N.C., Ridley, B.K., Babiker, M. Theory of optical-phonon limited hot-electron transport in quantum wires 32014
Zakhor, A. *see* Chang, E. 17058
Zakhor, A. *see* Chang, E. 47347
Zakhor, A. *see* Chang, N.L. 46257
Zakhor, A. *see* Cobb, N. 2510
Zakhor, A. *see* Ellis, W.S. 18476
Zakhor, A. *see* Neff, R. 35189
Zakhor, A. *see* Shah, N.R. 57032
Zakhvalinskii, V.S. *see* Laiho, R. 22228
Zakhvittcevich, C.A. *see* Raspereza, A.V. 41805
Zaki, A.K. *see* Yao, H.-W. 21874
Zaki, F.W. *see* Ashour, M. 58178
Zaki, K.A. *see* Chi Wang 24532
Zaki, K.A. *see* Chi Wang 31475
Zaki, K.A. *see* Wei Luo 36848
Zakidal'skii, A.I. *see* Sin'kov, M.V. 59389
Zakirov, B.S. *see* Tsipenyuk, Yu.M. 59189
Zakirzyanova, L.Kh. *see* Bayazitov, R.M. 32145
Zakordonets, V.S., Logvinov, G.N. Thermoelectric figure of merit of monopolar semiconductors with finite dimensions 54010
Zakordonets, V.S. *see* Bulat, L.P. 31737
Zakordonets, V.S. *see* Logvinov, G.N. 31738
Zakosarenko, V. *see* Il'ichev, E. 43787
Zakosarenko, V. *see* Kotitz, R. 49513
Zakoutayev, A.N. *see* Ivanov, Yu.F. 10925
Zakowicz, W. Two coupled dielectric cylindrical waveguides 45321
Zakrevskii, A.D. *see* Bibilo, P.N. 31159
Zakrevsky, A.D., Romanov, V.I. Realization of logical approach to word-by-word speech recognition 45698
Zakrzewski, A. *see* Le Van Khoi 12344
Zakrzewski, A.K. *see* Skierbiszewski, C. 12252
Zaks, S. *see* Eilam, T. 25978
Zaks, S. *see* Gerstel, O. 25868
Zaks, Y. *see* Zwolinski, M. 22032
Zaks, Y. *see* Zwolinski, M. 41634
Zaky, A.A., Megahed, I.Y., Abdallah, M.A. Effect of cross-field flow on conduction current and breakdown in transformer oil using point-to-plane electrodes and direct voltage 23239
Zaky, A.A. *see* Megahed, I.Y. 19810
Zaky, S.G. *see* Chappel, J.F. 31198
Zakzewski, C.A., Li, J.K.-J., Amory, D.W., Jensen, J.C., Kalatzis-Manolakis, E. Design and implementation of a constant-current pulsed iontophoretic stimulation device 18496
Zalamansky, G. *see* Vernotte, F. 17021
Zalamansky, G. *see* Vernotte, F. 36929
Zalchor, A. *see* Tan, W. 58048
Zalevsky, Z., Mendlovic, D. Light propagation analysis in graded index fiber–review and applications 33046
Zalevsky, Z., Mendlovic, D., Caulfield, J.H. Localized, partially space-invariant filtering 46012
Zalevsky, Z., Mendlovic, D., Garcia, J. Invariant pattern recognition by use of wavelength multiplexing 46010
Zalevsky, Z., Mendlovic, D., Shabtay, G. Optical transfer function design by use of a phase-only coherent transfer function 46008
Zalevsky, Z. *see* Garcia, J. 15758
Zalevsky, Z. *see* Garcia, J. 15841
Zalevsky, Z. *see* Mendlovic, D. 13792
Zalevsky, Z. *see* Shabtay, G. 46181
Zalewska, E., Rowinska-Marcinska, K., Hausmanowa-Petrusewicz, I. Quantitative evaluation of double motor unit potentials' shape 59716
Zalewska, E. *see* Wudkiewicz, A. 16151
Zalewski, J., Raczkowski, K. Quality of services within Polish Telecom 16168
Zalewski, W. *see* Nazarko, J. 8878
Zalewski, W. *see* Nazarko, J. 19306
Zalewski, W. *see* Nazarko, J. 19928
Zalipaev, V.V. Calculation of the wave field scattered by an echelette grating in the short-wave approximation: transverse electric case 14617
Zallo, A. *see* Paolucci, P. 37242
Zalnoski, J. *see* Mullenix, P. 32479
Zaltsman, V. *see* Fiorino, M.E. 51284
Zalubas, E.J. *see* Williams, W.J. 25268
Zalucki, Z. Influence of current frequency on the dynamic voltage/current characteristics of vacuum arcs 22132
Zalucki, Z., Janiszewski, J., Kutzner, J. Modes of high current vacuum arc between butt-type electrodes 54957
Zalucki, Z. *see* Janiszewski, J. 23201
Zaluzny, M. Comment on "Many-body analysis of the effects of electron density and temperature on the intersubband transition in GaAs/Al_xGa_{1-x}As multiple quantum wells" 2052
Zaluzny, M. On the normal incidence second and third-harmonic generation in L-valley asymmetric quantum wells 3980
Zaluzny, M., Bondarenko, V. Doubly resonant second-harmonic generation in quantum wells with anisotropic and tilted valleys: resonant screening effects 44683
Zaluzny, M., Bondarenko, V. Influence of the nonparabolicity on the second-harmonic generation spectrum in doubly resonant quantum well systems 55892
Zaluzny, M., Nalewajko, C. On the photoionization spectra of quantum wells 42152
Zama, K. *see* Kawai, H. 32663
Zamai, E., Chaillet-Subias, A., Combacau, M., de Bonneval, A. A hierarchical structure for control of discrete events systems and monitoring of process failures 48366
Zaman, M.Arif uz *see* Arif uz Zaman, M.
Zamanillo, J., Lopez, R., San Martin, C. A case of integration of different telecommunication management systems 5953
Zamanillo, J.M. *see* Herrera, A. 58240
Zambelli, T. *see* Cigolini, R. 39717
Zamboni, M. *see* Cocchini, P. 2774
Zamborsky, E.J. Design for environment series: fume extraction 1782
Zamenhof, R. *see* Riley, K. 8126
Zamenhof, R.G. *see* Harling, O.K. 8123
Zamenhof, R.G. *see* Ingersoll, D.T. 8125
Zamenhof, R.G. *see* Kiger, W.S., III 8122
Zamenhof, R.G. *see* Kiger, W.S., III 8127
Zamir, R. The rate loss in the Wyner-Ziv problem 24715
Zamkov, A.V. *see* Sysoev, A.M. 54939
Zammit, C.C. *see* Stefanyi, P. 54021
Zammit, U., Scudieri, F., Marinelli, M., Caruso, G., Foglietti, S.V., Bearzotti, R.A. Photothermal reflectance for non destructive testing and evaluation in materials and devices 52923
Zamora, M. *see* Gazecki, J. 12523
Zamorano, J.C. *see* Sala, G. 38650
Zamorano, L. *see* Qing Hang Li 18219
Zampa, N. *see* Arfelli, F. 49329
Zampa, N. *see* Arfelli, F. 59555
Zampardi, P. *see* Yu, R. 36181
Zamparo, R. *see* Endersz, G.G. 6168
Zamperoni, P., Starovoitov, V. On measures of dissimilarity between arbitrary gray-scale images 46433
Zamperoni, P. *see* Philipp, S. 57503
Zampieri, S. *see* Fagnani, F. 24701
Zampino, M.A. *see* Kinzy Jones, W. 52891
Zamrii, V.N. Multiplex registration of signal parameters with nanosecond discrete timing 49344
Zan Qi Yu Research of the reason to increase stray conductance and tg_δ of impregnant of capacitor voltage transformer 29374
Zanarini, M. *see* Chirco, P. 37316
Zanarini, M. *see* Rossi, M. 31003
Zanasi, R. Power-oriented graphs for modeling electrical machines 9190
Zanasi, R. *see* Bonivento, C. 9594
Zanasi, R. *see* Bonivento, C. 29731
Zanasi, R. *see* Genghini, M. 52044
Zanatta, A.R., Landers, R., de Castro, S.G.C., Kleiman, G.G., Chambouleyron, I. XPS study of non-stoichiometric amorphous GeN alloys (a-GeN_x, $0 \leq x \leq 0.3$) 2067
Zanatta, A.R., Nunes, L.A.O., Tessler, L.R. Erbium luminescence from hydrogenated amorphous silicon-erbium prepared by cosputtering 41843
Zanchetta, J.V. *see* Salam, F. 12302
Zanchetta, P. *see* Dell'Aquila, A. 51172
Zanchi, C. *see* Plana, R. 53566
Zanchi, V., Papic, V., Cecic, M. Tracking points of human motion 37697
Zand, H. *see* Crowe, D. 30058
Zandbergen, H.W. *see* van Zwet, E.J. 31731
Zandbergen, P. *see* Gehoel-van Ansem, W.F.J. 42839
Zanden, K.Van Der *see* Van Der Zanden, K.
Zander, J. *see* Anderlind, E. 47525
Zander, J. *see* Obayashi, S. 34044
Zander, M. *see* Yang, S. 17281
Zander, W. *see* Schoning, M.J. 27486
Zandhuis, J.A., Pycock, D., Quigely, S.F., Webb, P.W. A novel thermal calibration technique for electronic module inspection using an optical image 39871
Zandi, A., Boliek, M., Schwartz, E.L., Keith, A. Compression with reversible embedded wavelets with an enhanced binary mode 25575
Zandi, A., Langdon, G.G., Jr. Adaptation for non-stationary binary sources for data compression 5331
Zandian, M. *see* Bajaj, J. 708
Zandian, M. *see* Benson, J.D. 21287
Zandian, M. *see* Bubulac, L.O. 2099
Zandian, M. *see* Dhar, N.K. 40418
Zandian, M. *see* Kozlowski, L.J. 17493
Zandian, M. *see* Motamedi, M.E. 58848
Zandler, G., Saraniti, M., Rein, A., Vogl, P. Cellular automata for device simulation–concepts and applications 12858
Zandler, G. *see* Canali, C. 2593
Zanela, A. *see* Taraglio, S. 35089
Zanella, G., Zannoni, R. The role of the quantum efficiency on the DQE of an imaging detector 18100
Zanella, G. *see* Costa, S. 18146
Zanella, G. *see* Gennaro, G. 37668
Zanella, S. *see* Felt, E. 11104
Zanetta, L. *see* di Martino, P. 35838
Zanetta, L.C., Jr. *see* Martinez, M.L.B. 19408
Zanetta, P.M. *see* Lucia, A.C. 7629
Zanetti, A. *see* Buchner, H. 43566
Zang, S.L. *see* Jia, L. 12708
Zang, Z., Vo, B., Cantoni, A., Teo, K.L. Applications of discrete-time Laguerre networks to envelope constrained filter design 15358
Zang De Yu *see* De Yu Zang
Zang Gengyuan Some arguments on research of semiconductor lightning eliminator 60432
Zang Xiaofei *see* Xiaofei Zang
Zang Yi-Liang *see* Yi-Liang Zang
Zang-Hee Cho *see* Chung-Ming Chen 28236
Zangara, R. *see* Lanzara, E. 39607
Zangari, G., Bucher, P., Lecis, N., Cavallotti, P.L., Callegaro, L., Puppin, E. Magnetic properties of electroplated Co-Pt films 3144
Zanghellini, J., El-Kholi, A., Mohr, J. Development behaviour of irradiated microstructures 42863
Zangrando, F. *see* Bliem, C. 29122
Zanichelli, F. *see* Caselli, S. 36892
Zanier, S., Berroir, J.M., Culdner, Y., Vieren, J.P., Sagnes, I., Garchery, L., Badoz, P.A. Alloy scattering limited hole mobility in Si/SiGe modulation-doped heterostructures 12335
Zanier, S. *see* Berroir, J.M. 2170
Zanier, S. *see* Berroir, J.M. 12393
Zaninelli, D. *see* Berizzi, A. 8806
Zaninelli, D. *see* Berizzi, A. 50959
Zaninelli, D. *see* Lamedica, R. 38344
Zaninetti, W. *see* Anoardo, E. 17233
Zanini, P. *see* Boeck, R. 20175
Zaninic, V. *see* Cambiaso, A. 18930
Zanji Wang *see* Wang Zanji
Zank, G. *see* Xing Weibing 61039
Zank, J., Mehlin, M., Fritz, H.P. Electrochemical codeposition of indium and gallium for chalcopyrite solar cells 40494
Zankowski, C.E., Podgorsak, E.B. Calibration of photon and electron beams with an extrapolation chamber 49829
Zanna, A. *see* Calvo, M.P. 10532
Zannali, S. A 24-bit digital signal processor for telecom and multimedia 1430
Zanne, C., Aubry, J.-F., Iung, C. Modelisation of electromechanical processes as hybrid dynamical systems 60700
Zanne, C., Ibrahim, F., Iung, C. A simulation tool for the control of a hybrid dynamical system application to electrical drives 61163
Zanne, C. *see* Elmasri, A. 9343
Zanne, C. *see* Elmasri, A. 60907
Zanne, C. *see* Sawicki, J.-P. 60899
Zanner, S. *see* Schex, A. 6796
Zannoli, S. Radio-frequency identification and registration 26500
Zannoli, S. DSP on CPLD [digital signal processing with complex programmable logic of the Altera Flex series] 31196
Zannoli, S. An optimised microprocessor for Java 31308
Zannoli, S. A multichannel ADC with simultaneous sampling 31343

Zannoli, S. A single-chip, multi-standard telephone 35846
Zannoli, S. A mixed-signal RISC micrcontroller 41196
Zannoli, S. 64-bit RISC processors 41218
Zannoni, R. *see* Costa, S. 18146
Zannoni, R. *see* Gennaro, G. 37668
Zannoni, R. *see* Zanella, G. 18100
Zanobetti, D. *see* Borghetti, A. 9098
Zanoli, S. *see* Conte, G. 46279
Zanon, A. *see* Spolaore, P. 23207
Zanoni, E. *see* Canali, C. 2593
Zanoni, E. *see* Meneghesso, G. 2703
Zanoni, E. *see* Meneghesso, G. 2728
Zanoni, E. *see* Meneghesso, G. 43152
Zanoni, E. *see* Meneghesso, G. 54694
Zanotti, L. *see* Alessandrello, A. 7819
Zanotti, L. *see* Alessandrello, A. 37480
Zanotti, L. *see* Carra, S. 10639
Zanotti, L. *see* Sassella, A. 30915
Zanotti, L. *see* Zeng, L. 10614
Zanotti, P. *see* Cappelletto, E. 29726
Zanotti Fregonara, C. *see* Mazzer, M. 40479
Zanotti-Fregonara, C. *see* Griffin, P.R. 3601
Zanotti-Fregonara, C. *see* Holt, D.B. 39036
Zante, A. *see* Anamkath, H. 60865
Zanten, A.J.Van *see* Van Zanten, A.J.
Zanthier, J.von *see* von Zanthier, J.
Zanzonico, P. *see* Lu, P. 37739
Zanzottera, E. *see* Andreoni, A. 3739
Zao Chen *see* Giurgiutiu, V. 1012
Zao Chen *see* Giurgiutiu, V. 40746
Zaopo, A. *see* Mazzanti, G. 13284
Zaopo, A. *see* Penuzzottii, F. 32704
Zaopo, A. *see* Peruzzotti, F. 50584
Zaoshen Teng *see* Tiaosheng Tong 44341
Zapalac, G. *see* Abe, K. 59233
Zaparov, Sh. *see* Vylov, T. 7833
Zaparozhchenko, R.G. *see* Apanasevich, P.A. 14397
Zapata, C. *see* Villasenor, J. 25485
Zapata, E.L. *see* Antelo, E. 15201
Zapata, E.L. *see* Boo, I. 57478
Zapata, E.L. *see* Boo, M. 34551
Zapata, E.L. *see* Guil, N. 15578
Zapata, E.L. *see* Guil, N. 57108
Zapata, E.L. *see* Pena, T.F. 12862
Zapelloni, G. *see* Annovazzi-Ledi, V. 33015
Zapendowski, M. *see* Womicki, J.M. 35323
Zapevalov, V.E., Tsimring, Sh.E. Experimental study of intense screw beams with trapped electrons 7726
Zapevalovf, V.E. *see* Lygin, V.K. 53987
Zapol'skii, A.F. *see* Velikanov, S.D. 44333
Zaporowski, B. Modelling and simulation of energy conversion in combined gas-steam power plant integrated with coal gasification 29111
Zaporozhchenko, V.A. *see* Apanasevich, P.A. 14397
Zaporozhchenko, V.A. *see* Chekhlov, O.V. 33438
Zaporozhets, A., Seville, A. Modelling of radiowave propagation in urban environment 34098
Zaporozhets, E.V. *see* Bocharova, I.A. 22320
Zaporozhets, Yu.M. *see* Kutkovetskii, V.Ya. 4180
Zapp, P. Environmental analysis of solid oxide fuel cells 20012
Zappa, F., Lacaita, A., Samori, C. Characterization and modeling of metal-resistance-semiconductor photodetectors 58769
Zappa, F. *see* Cova, S. 58766
Zappa, F. *see* Ghioni, M. 1199
Zappa, G. *see* Bollini, P. 6874
Zappatore, S. *see* Davoli, F. 20444
Zappe, H.H. On the nature of future MEMS–a perspective 43374
Zappe, H.P., Hofstetter, D. Photonic integrated circuits for optical displacement sensing 48884
Zappe, H.P., Hofstetter, D., Maisenholder, B. Monolithic optical interferometers for MEMS applications 44304
Zappe, H.P. *see* Hofstetter, D. 58677
Zappettini, A. *see* Fornari, R. 12656
Zarandy, A., Grawes, E., Roska, T., Werblin, F., Chua, L.O. CNN model for identifying colors under different illumination conditions via Land's experiments 35093
Zarandy, A., Stoffels, A., Roska, T., Chua, L.O. Morphological operators on the CNN Universal Machine 35091
Zarandy, A. *see* Foldesy, P. 35105
Zarba, G. *see* Accatino, L. 34488
Zarcone, M. *see* Akimov, D.A. 14346
Zare, R.N. *see* Williams, S. 33644
Zareba, A. *see* Jakubowski, A. 54761
Zareba, A. *see* Mycielski, A. 10627
Zarebski, J. *see* Stepowicz, W.J. 32377
Zarebski, M. *see* Poltyniewica, R. 57533
Zarei, S. *see* Drakunov, S. 9690
Zarei, S. *see* Feng Liang 29868
Zarek, W. Influence of Si, Al and C on the crystal structure and magnetic properties of Sm_2Fe_{17} 3133
Zarem, H. Not just for troubleshooting [PCS networks and repeaters] 58166
Zarem, H. *see* Yariv, A. 47917
Zaremba, J. *see* Sahraoui, B. 24153
Zaremba, J. *see* Sahraoui, B. 55861
Zaremba, P. *see* Mikityuk, Z. 23597
Zaremba, R. *see* Cenian, A. 55509
Zarembinski, S. *see* Chen, Y.F. 32924
Zargari, A., Blackburn, T.R. Modified optical fibre sensor for PD detection in high-voltage power equipment 9317
Zargari, A., Blackburn, T.R. Detection of partial discharge signals in unknown noisy environment 32692
Zargari, A., Blackburn, T.R. Application of optical fibre sensor for partial discharge detection in high-voltage power equipment 38793
Zargari, N.R., Rizzo, S. An integrated medium voltage (2300 V-6900 V) AC drive/VAr compensator 19215
Zargari, N.R., Yuan Xiao, Bin Wu A multi-level thyristor rectifier with improved power factor 29454
Zari, M.C. *see* Anderson, C.S. 6708
Zari, M.C. *see* Anderson, C.S. 16881
Zari, M.C. *see* Anderson, S. 46011
Zaridze, R., Karkashadze, D., Djobava, R.G., Pommerenke, D., Aidam, M. Numerical calculation and measurement of transient fields from electrostatic discharges 24336
Zaridze, R. *see* Jobava, R. 24349
Zaridze, R.S. *see* Bogdanov, F.G. 45013
Zaridze, R.S. *see* Jobava, R.G. 45079
Zarifis, V. *see* Targ, R. 27088
Zarka, A., Capelle, B., Detaint, J., Palmier, D., Philippot, E., Zvereva, O.V. Studies of GaPO4 crystals and resonators 13229
Zarka, A., Capelle, B., Detaint, J., Palmier, D., Philippot, E., Zvereva, O.V. Studies of $GaPO_4$ crystals and resonators 23183
Zarka, A. *see* Chartier, J.-M. 14245
Zarka, A. *see* Detaint, J. 13331
Zarkadis, D. Paging and location updating signalling in GSM networks 26588
Zarker, L. *see* Ellison, T. 51591
Zarki, M.El *see* El Zarki, M.
Zarnikau, J.W. *see* Baughman, M.L. 50366
Zarnikau, J.W. *see* Baughman, M.L. 50367
Zarowin, C.B. PACE, a dry etch, ultra-high speed, precision machining and polishing process for micro/macroscopic features w/o subsurface damage 42442
Zarowin, C.B. Comparison of PACE and RIE 54472
Zarowski, C.J. Connection splice fault location in fibre optic cables 16797
Zarowski, C.J. Some extensions to the interpolatory graphical display algorithm for numerical computations involving wavelet packet functions 40293
Zarowski, C.J. An approach to initializing the wavelet packet transform 56535
Zarrabi, D. *see* Carstensen, C. 10559
Zarrinch, K., Chickermane, V., Nicholls, G., Palmer, M. A design for test perspective on I/O management 1048
Zarrinkoub, H., Mermelstein, P. Switched prediction and quantization of LSP frequencies 14974
Zarrow, P. *see* Dickerson, S. 22051
Zarrow, P. *see* Heller, D. 53754
Zartov, G. *see* Panajotovo, K.R. 44171
Zarubin, A.V. *see* Yermakov, A.Y. 52831
Zarubina, T.V. *see* Kopp, V.I. 14347
Zarychta, D. *see* Granosik, G. 5221
Zarzana, F. *see* Giorgi, L. 51506
Zarzoso, V. *see* Nandi, A.K. 15261
Zasavitski, E.A. *see* Andronik, K.I. 40489
Zasimova, A.V. *see* Vysloukh, V.A. 14616
Zaslansky, R., Sprecher, E., Katz, Y., Rozenberg, B., Hemli, J.A., Yarnitsky, D. Pain-evoked potentials: what do they really measure? 18403
Zaslavskij, Y.A. *see* Warnecke, P. 17172
Zaslavsky, A., Yeo, L.H., Lai, S.J., Mitelman, B. Petri nets analysis of transaction and submitter management protocols in mobile distributed computing environment 46942
Zaslavsky, A. *see* Gennser, U. 2162
Zaslavsky, D. *see* Kempe, M. 7935
Zasovenko, V. *see* Chumachenko, V. 45309
Zastawny, A. Standardization of gas amplification description in proportional counters 49325
Zastrow, A. *see* Osterwald, C.R. 39167
Zastrow, W. *see* Moebius, H.H. 48991
Zatezalo, A. *see* Kastella, K. 49961
Zatman, M. The effect of bandwidth on STAP 36219
Zatman, M., Marshall, D. Forwards-backwards averaging for adaptive beamforming and STAP 24949
Zatrudina, R. *see* Anikeev, B. 24059
Zatsepin, G.T. *see* Dan'shin, S.N. 49317
Zatsepin, N.N. Theory of the magnetic field of a slit-type surface defect in a ferromagnetic material remagnetized by a variable magnetic field with allowance for eddy currents. I. Calculation of dynamic surface magnetization over the noninteracting walls of the slit 40747
Zatsepin, N.N. Theory of the magnetic field of a slit-type surface defect in a ferromagnetic material remagnetized by a variable magnetic field with allowance for eddy currents. II. Calculation of the complex amplitude of the tangential component of field strength and its real and imaginary parts 52883
Zatsepin, N.N., Kovriga, A.N. Theory of the magnetic field of a slit-type surface defect in a ferromagnetic material remagnetized by a variable magnetic field with allowance for eddy currents. III. Numerical calculation of certain parameters of the defect 52886
Zatsman, A., Rossman, M., Greene, R., Hooper, W., Halmark, P., Valentine, B., Skolnick, D. Video codec sets new standards for cost, image quality and flexibility 58054
Zatz, J. *see* Blumenthal, R. 26317
Zaugg, T. *see* Sherman, J. 7707
Zaugg, T.J. *see* Sherman, J.D. 49174
Zaugg, T.J. *see* Thompson, D.C. 13745
Zauls, V., Liberts, G. Hyper-Rayleigh scattering and SHG studies of indandione-1,3 pyridinium betaine molecules and Langmuir-Blodgett films 44648
Zaumseil, P. *see* Osten, H.J. 757
Zaumseil, P. *see* Osten, H.J. 22280
Zauner, K.-P., Conrad, M. Parallel computing with DNA: toward the anti-universal machine 12005
Zavacky, J.O., Migalik, Y.Y. Multichannel signal digitization 34822
Zavada, J.M. The Army's research program in infrared sensors 50255
Zavada, J.M., Abernathy, C.R., Pearton, S.J., Mackenzie, J.D., Mileham, J.R., Wilson, R.G., Schwartz, R.N., Haggerott-Crawford, M., Shul, R.J., Kilcoyne, S.P., Zhang, D., Kolbas, R.M. Microdisk laser structures formed in III-V nitride epilayers 33578
Zavada, J.M. *see* Abernathy, C.R. 12672
Zavada, J.M. *see* Lee, J.W. 23942
Zavada, J.M. *see* Pearton, S.J. 22262
Zavada, J.M. *see* Wu, X. 54088
Zavadzev, A.A. *see* Sobenin, N.P. 49206
Zavala, J.A. *see* Rosano, F.L. 50766
Zavala, M. *see* Perera, A.H. 32175
Zavala-Hamz, V.A., Alvarez-Borrego, J. Circular harmonic filters for the recognition of marine microorganisms 35113
Zavaliagkos, G., Schwartz, R., McDonough, J. Maximum a posteriori adaptation for large scale HMM recognizers 15096
Zavaliagkos, G. *see* McDonough, J. 15095
Zavaliche, F. *see* Ciurea, M.L. 41877
Zavaljevski, A., Dhawan, A.P., Kelch, D.J., Riddell, J., III Adaptive multilevel classification and detection in multispectral images 5511
Zavalov, V.E. *see* Galushkin, M.G. 55489
Zavalov, Yu.N. *see* Galushkin, M.G. 55489
Zavarise, G. *see* Galtarossa, A. 33035
Zavarise, G. *see* Morandi Cecchi, M. 52554
Zavartsev, Yu.D. *see* Mikhailov, V.A. 44402
Zavartsev, Yu.D. *see* Umyskov, A.F. 3784
Zavarzin, V.G. *see* Aksenov, G.A. 36440
Zavarzin, V.G. *see* Anashkin, E.V. 37232
Zavattini, E. *see* Cantatore, G. 27512
Zave, P. *see* Courtiat, J.-P. 5851
Zavecz, T.E. *see* Dusa, M. 2465
Zavelani-Rossi, M. *see* Magni, V. 3756
Zaveta, K. *see* Basso, V. 3086
Zaveta, K. *see* Kraus, L. 3062
Zavidovique, B., Serot, J., Quenot, G.M. Massively parallel dataflow computer dedicated to real-time image processing 15761
Zavodinsky, V.A., Kuyanov, I.A. Influence of P, As and Ga doping on electronic structure of Al/Si(111) interface 54257
Zavodinsky, V.G., Kuyanov, I.A. Computer study of the electronic structure of the nanoscale Al/SiO_2/Si system 2275
Zavodinsky, V.G., Kuyanov, I.A. Schottky barrier formation in a Au/Si nanoscale system: a local density approximation study 32068
Zavodinsky, V.G., Kuyanov, I.A. Electronic structure of the nanoscale Al/SiO_2/Si system 42328
Zavolsky, N.A. *see* Goldenberg, A.L. 41790
Zavosh, F. *see* Kokotoff, D.M. 14548
Zavracky, P.M., Majumder, S., McGruer, N.E. Micromechanical switches fabricated using nickel surface micromachining 43384
Zavracky, P.M. *see* Vu, B. 54847
Zavriyev, A. *see* Mandl, A. 33396
Zavrsnik, M. *see* Donlagic, D. 27453
Zavtrak, S.T. Liquid dielectric with dispersed particles as an active medium for an "acoustic" laser 18955
Zawadzki, C. *see* Keil, N. 26748
Zawadzki, C. *see* Keil, N. 47934
Zawadzki, P. *see* Thompson, A.G. 10853
Zawadzki, P. *see* Thompson, A.G. 40329
Zawadzki, P. *see* Tingkai Li 31265
Zawawi, A.M.O.El *see* El Zawawi, A.M.O.
Zawirski, K. Power electronic system simulator for basic education 52038
Zawirski, K. Control of self-commutated synchronous motor with dynamic decoupling 61148
Zawislanski, J. *see* Miedzinski, B. 41566
Zawislanski, P.T. *see* Celata, C.M. 60027
Zawodzinski, T.A. *see* Campbell, I.H. 22443
Zawodzinski, T.A., Jr. *see* Rubin, S. 23441
Zayachuk, D.M. The dominant mechanisms of charge-carrier scattering in lead telluride 42021
Zayarnaya, T.Ye. *see* Kurlyandskaya, G.V. 3092
Zayas, J.L. *see* De Ramirez, L.M. 20487
Zayed, A.I. On the relationship between the Fourier and fractional Fourier transforms 15260
Zayegh, A. *see* Mohapatra, G.R. 19303
Zayer, J. *see* Cowie, J. 14799
Zaygel, J.P. *see* Gaffiot, F. 9885
Zayhowski, J.J. Nonlinear frequency conversion with passively Q-switched microchip lasers 14286

Zayhowski, J.J. Periodically poled lithium niobate optical parametric amplifiers pumped by high-power passively Q-switched microchip lasers 33680
Zaytoon, J., Richard, E., Moughamir, S., Angelloz, L. A formalism for complex control systems: application to a machine for training and re-education of lower limbs 59741
Zazhivikhin, V.V. *see* Volkov, G.S. 18151
Zazo, M. *see* Hernandez, P. 3161
Zazo-Bello, S. *see* Perez-Alvarez, I.A. 16462
Zazula, D. *see* Sostaric, A. 45784
Zazzera, L.A., Evans, J.F., Deruelle, M., Tirrell, M., Kessel, C.R., Mckeown, P.J. Bonding organic molecules to H-terminated silicon wafers 23047
Zbierski, P. *see* Frankiewicz, R. 21016
Zbierzchowski, B. *see* Skrzeszewski, T. 1258
Zbinden, H., Gautier, J.D., Gisin, N., Huttner, B., Muller, A., Tittel, W. Interferometry with Faraday mirrors for quantum cryptography 45623
Zbinden, H. *see* Muller, A. 34546
Zbiri, N., Djenidi, R., Verge, M. Sensor failure detection using neural network architectures 58700
Zborovskii, I.A. Recovery voltage across transformer tap changer thyristor switch 38868
Zborowska-Lindert, I. *see* Paszkiewicz, B. 3645
Zbroszczyk, J., Ciurzynska, W.H., Tanaka, Y., Enokizono, M., Olszewski, J., Hasiak, M. Microstructure and some magnetic properties of high-silicon Fe-Si sheets 23332
Zbroszczyk, J., Narita, K., Olszewski, J., Ciurzynska, W., Lijun, W., Wyslocki, B., Szymura, S., Hasiak, M. Effect of Co addition on the microstructure and magnetic properties of Fe-Cu-Nb-Si-B alloy 23309
Zbroszczyk, J., Varga, L.K., Olszewski, J., Ciurzynska, W.H., Wyslocki, B., Szymura, S., Hasiak, M., Haneczok, G. After-effect and microstructure of nanocrystalline alloys with different as-quenched disorder 23308
Zdansky, K. *see* Gurevich, Yu.G. 31844
Zdebel, P. *see* Wennekers, P. 32451
Zdenkovic, J., Kuljic, Z., Canic, S., Perkovac, M., Klobucar, V. The induction machine vector controlled drive in the volumetric dosage application 61184
Zdenkovic, J., Kuljic, Z., Pasalic, N. Speed sensorless drive with induction machine based on natural field orientation 51713
Zdesenko, Yu.G. *see* Georgadze, A.Sh. 18101
Zdravkovic, Z., Vukelja, P., Drobnjak, G., Mrvic, J. Winding insulation breakdown risks from lightning strokes to portal towers located above HV power transformers 19815
Zdrodowski, K. *see* Berghmans, F. 44091
Zdunek, K.J., Ucci, D.R., LoCicero, J.L. Packet radio performance of inhibit sense multiple access with capture 35967
Zduniak, A., Dyakonov, M.I., Knap, W. Universal behaviour of magnetoconductance due to weak localisation in two-dimensional systems–example of GaInAs quantum wells 12399
Zduniak, A. *see* Dmowski, L.H. 22348
Zduniak, A. *see* Knap, W. 22347
Ze Shi *see* Wei-Ping Zhong 33039
Ze Zhang *see* Lisen Cheng 40385
Ze Zhang *see* Zhang Ze
Ze-Chun Cao *see* Hui-Qing Shao 22905
Ze-Jin Liu *see* Zhi-Ping Jiang 4986
Ze-Kai Hsiau, Kan, E.C., Bang, D.S., McVittie, J.P., Dutton, R.W. Modeling and characterization of three-dimensional effects in physical etching and deposition simulation 12741
Ze-Nian Li On multi-resolution and variable-resolution 25353
Ze-Nian Li, Bing Yan Recognition kernel for content-based search 25344
Zeakes, J. *see* Rutherford, P. 17401
Zeballos, E.Cerron *see* Cerron Zeballos, E.
Zebaza Kana, M.G. *see* Oberafo, A.A. 54310
Zebda, Y., Qasaimeh, O. Analysis of transient response of light amplifying optical switch 23680
Zebib, A. *see* Zhou, H. 680
Zebker, H.A. *see* Rosen, P.A. 28607
Zebo Peng *see* Eles, P. 1325
Zebo Peng *see* Eles, P. 31043
Zebracki, J. *see* Kaleta, J. 27931
Zebrev, G.I. *see* Shvetzov-Shilovsky, I.N. 22997
Zebrowski, J.J., Buchner, T., Baranowski, R., Poplawska, W. Nonlinear analysis of heart dynamics 49597
Zebrowski, J.J. *see* Buchner, T. 49601
Zec, J. *see* Jones, W.L. 50055
Zec, S. *see* Marinkovic, S. 914
Zecun Zhou *see* Zhou Zecun
Zedek, M. *see* Hodge, C. 39740
Zedelmayer, E. *see* Gordaninejad, F. 30982
Zediraka, V.K. Optimization of a class of information compression algorithms 34538
Zee, R.H. *see* Zhang, C. 19934
Zee Chi-Shing *see* Chi-Shing Zee
Zeeb, E. *see* Fiedler, U. 26763
Zeek, E. *see* Backus, S. 33663
Zeevi, A.J., Meir, R. Density estimation through convex combinations of densities: approximation and estimation bounds 21132
Zeevi, Y.Y. *see* Geva, A.B. 49672
Zeevi, Y.Y. *see* Lindenbaum, M. 52031
Zeevi, Y.Y. *see* Shmouely, M. 57296
Zeevi, Y.Y. *see* Stanhill, D. 15301
Zeevi, Y.Y. *see* Stanhill, D. 45919
Zeevi, Y.Y. *see* Zibulski, M. 5577
Zeffler, K.-P. First results from EURESCOM P408 Pan-European-TMN laboratory "PET-Lab" A joint European research effort in TMN 35629
Zegadi, L. *see* Tenant, P. 43650
Zegenhagen, J. *see* Bohringer, M. 30769
Zegenhagen, J. *see* Smilgies, D.-M. 32241
Zeger, A.E., Abrams, B.S., Abrams, D.S. Antimultipath system measurement of ultralow sidelobe level antenna patterns 45384
Zeger, K. *see* Hamkins, J. 34621
Zeger, K. *see* Hamkins, J. 58427
Zeger, K. *see* Linder, T. 34596
Zegers-Van Duijnhoven, A.T.A. *see* Wolters, D.R. 12585
Zeggel, T., Bryngdahl, O. Gradient-controlled iterative half-toning 35110
Zeghbroeck, B.Van *see* Van Zeghbroeck, B.
Zeghlache, D. *see* Khan, F. 6618
Zeghlache, D. *see* Khan, F. 46663
Zeglen, T. *see* Ptasinski, L. 20772
Zegrya, G.G. *see* Andreev, A.D. 32016
Zegrya, G.G. *see* Andreev, A.D. 42194
Zegrya, G.G. *see* Andreev, A.D. 54177
Zegrya, G.G. *see* Yakovlev, Yu.P. 3890
Zegura, E.W. *see* Calvert, K.L. 46828
Zegura, E.W. *see* Won-Bae Park 5775
Zehavi, E. *see* Kofman, Y. 34593
Zehavi, E. *see* Kofman, Y. 34594
Zeheb, E. *see* Elgrichi, Y. 56427
Zeheb, E. *see* Naimark, L. 30596
Zehetmayer, M. *see* Ertl, A. 18586
Zehl, A., Kusch, T.P. IP over ATM: a practical performance analysis 46757
Zehnder, U. *see* Waag, A. 23959
Zehner, R.W. *see* Dhirani, A. 41699
Zehnle, V. *see* Lepers, C. 13926
Zehnle, V. *see* Lepers, C. 23739
Zehong Yan *see* Yan Zehong
Zehua Lu *see* Lu Zehua
Zeidler, D., Stavreva, Z., Plotner, M., Drescher, K. Characterization of Cu chemical mechanical polishing by electrochemical investigations 42638
Zeidler, D. *see* Stavreva, Z. 42427
Zeidler, D. *see* Stavreva, Z. 42637
Zeidler, J.H. *see* Ffrench, P.A. 35292
Zeidler, J.R. *see* Axford, R.A., Jr. 5698
Zeidler, J.R. *see* Haykin, S. 56559
Zeidler, J.R. *see* Wei, P.C. 34782
Zeidmanis, I.Ya., Kartashov, S.Ye. Software for real-time power system load-flow calculations (KORONA-93) 8731
Zeigamik, V.A. *see* Swallom, D.W. 20053
Zeigarnik, Yu.A. *see* Golovanov, A.V. 29101
Zeigler, J. *see* Liang, G. 32941
Zeijts, J.van *see* van Zeijts, J.
Zeile, A. Getting ready for multimedia 26265
Zeimer, U. *see* Sato, M. 42135
Zein El Din, A.S. High performance PLC controlled stepper motor in robot manipulator 9290
Zein El Din, A.S., El-Shebiny, M.E., Khater, M.M. Microcomputer-controlled universal motor 9165
Zein-Sabatto, S. *see* Bodruzzaman, M. 59398
Zeindl, H. *see* Knoll, D. 2600
Zeindl, H.P. *see* Kim, M. 2191
Zeiner, H. *see* Dickschas, A. 49458
Zeininger, H., Feucht, H.-D., Jansen, H., Schmidt, H. Eco-COMPASS: the comprehensive life cycle assessment tool 39948
Zeira, A., Friedlander, B. Interpolated array minimum variance beamforming for correlated interference rejection 25209
Zeira, A. *see* Friedlander, B. 16977
Zeiske, U. *see* Kunzmann, S. 7789
Zeisler, E.D., Bolton, D., Tang, A., Choi, D., Choi, T., Weng, H.F. A customer-to-carrier interface for trouble administration 46901
Zeisler, E.D., Bolton, D.H., Jones, G.B. A customer-to-carrier gateway for multiple services 57746
Zeitler, M. *see* Geier, S. 40430
Zeitlin, B.A. *see* Wang, J.-Q. 55093
Zeitlin, M.G. *see* Fedorova, A.N. 45997
Zeitnitz, C. *see* Ferguson, M.I. 37283
Zeitoun, Ph. *see* MacPhee, A.G. 13967
Zeitouni, O. *see* Atar, R. 45896
Zeitzoff, P. *see* Angelo, D. 54814
Zejdel, R.J. ISDN services in the KOMERTEL network 16366
Zejin Liu *see* Zhiping Jiang 33607
Zejin Liu *see* Liu Zejin
Zejing Liu *see* Liu Zejing
Zelaya, O. *see* Stolik, D. 9535
Zelaya De La Parra, H. *see* Bresnahan, K. 60736
Zelaya De La Parra, H. *see* Francis, C.J. 39278
Zelaya dela Parra, H. *see* Teodorescu, R. 53028
Zelaya-Angel, O. *see* Becerril, M. 42389
Zelaya-Angel, O. *see* de Melo, O. 2007
Zelaya-Angel, O. *see* Picos-Vega, A. 41917
Zelaya-Angel, O. *see* Vigil, O. 2008
Zelazny, M. Wireless payphones 46949
Zelazny, Z. *see* Popkiewicz, M. 49345
Zeldis, V.I., Kalmykov, A.I., Komarov, V.G., Kurekin, A.S., Ryazantzev, V.Yu., Gavrilenko, A.S., Yeremka, V.D., Igolkin, V.V., Podolukh, I.Ya., Yelensky, L.V. An X-band spaceborne synthetic aperture-real aperture radars for small size satellites 16941
Zel'dovich, B.Y. *see* Kataevskii, N.G. 32966
Zeldovich, B.Ya. *see* Bolshtyansky, M.A. 24248
Zel'dovich, B.Ya. *see* Darsht, M.Ya. 23501
Zelefsky, M. *see* Ling, C.C. 8088
Zelenak, S. *see* Chaboki, A. 24431
Zelenka, J. The influence of the dimensions of electrodes on the frequency-temperature characteristics of AT and BT-cut quartz resonators 23256
Zelenka, J. Influence of electrode mass-loading on the electrical equivalent circuit of the trapped-energy AT-cut quartz resonators 23273
Zelenka, J. *see* Mateescu, I. 13332
Zelenka, J. *see* Mateescu, I. 23283
Zelenokhat, N.I. The analysis of conditional properties of controlled interconnection with static volt-amperes compensator 60261
Zelenokhat, N.I., Barguti, Kh.S., Levchenko, S.A. Evaluation of transient electromechanical oscillations in an electrical power system 8735
Zelenskaya, T. *see* Kovalenko, E. 24264
Zelensky, A.A. *see* Anukhin, I.P. 45438
Zelensky, A.A. *see* Kalmykov, A.I. 16923
Zelensky, A.A. *see* Lukin, V.V. 5253
Zelensky, A.A. *see* Lukin, V.V. 26956
Zelensky, A.A. *see* Melnik, V.P. 15930
Zeleznikar, A.P. Informational transition of the form α encodes β and its decomposition 4417
Zeliang Ma *see* Ma Zeliang
Zelin Xu *see* Xu Zelin
Zelinka, D., Shaw, M. A comparative study of TOSL, TRL, and TRL* network analyzer calibration techniques, using microstrip test fixtures 17163
Zelinski, J. *see* Ruth, R.D. 49165
Zelinski, R. Microphone arrays with superdirective properties for speech communication 7107
Zelinsky, A. *see* Cheng, G. 56820
Zeljkovic, I. Decoding optimal state sequence with smooth state likelihoods 15140
Zell, C., Medvedev, A. Sampled-data flux estimation in induction machines 9225
Zell, C.W., Hamilton, D.J. A simple simultaneous switching noise (SSN) modeling and simulation methodology 43236
Zell, F.A. *see* Fisher, T.S. 30209
Zell, G. *see* Lai, R. 41496
Zelle, J. *see* Arseneau, R. 27306
Zeller, A. *see* Schubert, J. 32943
Zeller, A.F. *see* Zhang, B. 49161
Zeller, C. *see* Vieville, T. 15829
Zeller, J., Eliseev, P.G., Sartori, P., Perlin, P., Osinski, M. Electrical properties of Nichia AlGaN/InGaN/GaN blue LEDs in a wide current/temperature range 13886
Zeller, J., Rudolph, W., Sheik-Bahae, M. Experimental and theorectical study of quenched dye lasers 23765
Zeller, M. *see* Fernow, R.C. 17931
Zeller, M. *see* Sharma, R. 14947
Zelli, C., Impagnatiello, F., Alberti, G. Developments in satellite radar altimetry 50026
Zellmer, H. *see* Czarske, J.W. 36967
Zellouf, D., Saint-Pierre, N., Jayet, Y., Tatibouet, J. Piezoelectric implant: monitoring the water degradation in polymer based composites 11007
Zelter, G.R. *see* Lim, N.S. 61041
Zeltwanger, H. A comparison of controller area network (CAN) implementations 35709
Zemaityte, D. *see* Ulbikas, J. 28369
Zeman, A.M. *see* Kuznetsov, V.I. 862
Zeman, R.K. *see* Davros, W.J. 59454
Zeman, V. *see* Vrba, K. 11559
Zemanian, A.H. Nonstandard electrical networks and the resurrection of Kirchhoff's laws 31038
Zemanian, A.H. The existence and uniqueness of node voltages in a non-linear resistive transfinite electrical network 40853
Zemanian, A.H., Yaw-Ruey Chan Does a series-parallel network of monotone resistors make sense? Yes or no? 21464
Zembilgotov, A.G. *see* Pertsev, N.A. 2952
Zemchikhin, E.M. *see* Djubua, B.C. 53912
Zemchikhin, E.M. *see* Djubua, B.Ch. 41763
Zemek, J. *see* D'Anna, E. 901
Zemel, J.N. Future directions for thermal information sensors 7310
Zemel, J.N. *see* Furlan, R. 23062
Zemel, J.N. *see* Hsieh, H.Y. 27974
Zemin Liu *see* Liu Zemin
Zeming Jiang *see* Jiang Zeming
Zemke, D. *see* Amon, J. 10640
Zemlianov, P. *see* Rosten, H.I. 52280
Zemlianskii, M. New phase method of measuring particles size with laser Doppler radar 6972
Zemmouri, J., Lecoeuche, V., Segard, B., Randoux, S. Brillouin fiber lasers: dynamics and stability 23776
Zemmouri, J. *see* Lecoeuche, V. 23791
Zemmouri, J. *see* Lecoeuche, V. 23816
Zemor, C. *see* Cohen, G.D. 24713
Zemor, G. *see* Decreusefond, L. 52483
Zempo, Y. *see* Hinamoto, T. 15176
Zemskii, V.I., Veresov, A.V. Quenching of luminescence of ruthenium (II) complexes in a porous glass by molecular oxygen 13812
Zemskov, K.I., Petrash, G.G., Chvykov, V.V. Optical systems with metal vapour brightness amplifiers 4164
Zemskov, K.I. *see* Chvykov, V.V. 8106
Zemskov, K.I. *see* Isaev, A.A. 3992

Zemva, A. *see* Frost, A. 11147
Zemva, A. *see* Trost, A. 53197
Zen, G.De *see* De Zen, G.
Zen, H. *see* Koizumi, T. 17339
Zen, M. *see* Cambiaso, A. 18930
Zen, M. *see* Grattarola, M. 58864
Zen, M. *see* Lui, A. 48463
Zen, M. *see* Vianello, F. 50213
Zen Chen *see* Jen-Hui Chuang 46226
Zen Chen *see* Jui-Man Chiu 46334
Zen Chen *see* Tsorng-Lin Chia 5306
Zen Hong Bor *see* Bor Zen Hong
Zen Qingjun *see* Song Aiguo 27442
Zen Quan *see* Xiang Cailan 162
Zenan Fang *see* Fang Zenan
Zendri, J.P. *see* Cantatore, G. 27512
Zendri, J.P. *see* Maraner, A. 3304
Zeneli, D., Tavlet, M., Coninckx, F. Behaviour of alanine dosimeters in an ozone environment 28478
Zenevich, A.O. *see* Gulakov, I.R. 44231
Zeng, G. *see* Dou, W.B. 13470
Zeng, G.L., Gullberg, G.T. An SVD study of truncated transmission data in SPECT 37677
Zeng, G.L., Yi Weng, Gullberg, G.T. Iterative reconstruction with attenuation compensation from cone-beam projections acquired via nonplanar orbits 37676
Zeng, G.L. *see* Yi Weng 59502
Zeng, G.M. *see* Sharma, L.B. 33460
Zeng, H.C. *see* Lim, L.C. 683
Zeng, H.H., Shiyu Zeng, Lang Tong On the performance of blind equalization using the second-order statistics 25819
Zeng, H.H., Tong, L. Some new results on blind channel estimation: Performance and algorithms 34632
Zeng, H.H. *see* Lang Tong 46538
Zeng, H.H. *see* Zeng, S. 5680
Zeng, J. *see* Mawby, P.A. 42977
Zeng, L., Zha, M., Ardoino, M., Franzosi, P., Zanotti, L., Zuccalli, G., Paorici, C. Solution crystal growth of urea and derivatives for nonlinear optical applications 10614
Zeng, L. *see* Jiang, Y. 31351
Zeng, L. *see* Shum, K. 12363
Zeng, L. *see* Snoeks, E. 52685
Zeng, Q. *see* Liang, C. 22907
Zeng, Q.Y. *see* Tso, S.K. 60254
Zeng, S., Zeng, H.H., Tong, L. Blind equalization using CMA: performance analysis and a new algorithm 5680
Zeng, T., Ohnuki, T., Matsumoto, H., Kawachi, K. Dynamic angle measurement using an acousto-optic deflector 48912
Zeng, W., Jiang, S.S., Ferrari, C., Gennari, S., Salviati, G., Jiang, J.H. Misfit dislocations in strained $In_xGa_{1-x}As$ heterostructure on patterned GaAs (001) substrate 22319
Zeng, W., Tan, Y.-P., Liu, B., Yiin, L.-H. A novel approach to unequal error protection for image/video delivery with source detector 46210
Zeng, W. *see* Liu, W.J. 32984
Zeng, X., Lai, P.T., Ng, W.T. A novel technique of N_2O-treatment on NH_3-nitrided oxide as gate dielectric for nMOS transistors 2629
Zeng, X., Lai, P.T., Ng, W.T. AC hot-carrier-induced degradation in NMOSFETs with N_2O-based gate dielectrics 22847
Zeng, X., Tse, C.K., Tang, P.S. Complete clock-feedthrough cancellation in switched-current circuits by combining the replica technique and the n-step principle 41361
Zeng, X. *see* Koehl, L. 52454
Zeng, X. *see* Lai, P.T. 2669
Zeng, X. *see* Lai, P.T. 42997
Zeng, Y. *see* Pan, D. 48510
Zeng, Z. *see* Hekstra, G.J. 25269
Zeng, Z. *see* Qiang Du 589
Zeng, Z. *see* Qiang Du 40199
Zeng Beikai *see* Chen Xuede 25680
Zeng Bing *see* Bing Zeng
Zeng Chufu The realization of AGC in Guangxi Electric Power System 28771
Zeng Daowen *see* Dai Shiliang 50874
Zeng Daowen *see* Li Qiong 29227
Zeng Fenfang *see* Wang Jianhua 25323
Zeng Hongjun, Guo Lurong, Tang Jiyue, Zhu Jianhua Investigation on available lifetime of methylene blue sensitized dichromated gelatin 44823
Zeng Hongjun *see* Tang Jiyue 55921
Zeng Hongjun *see* Zhu Jianhua 44824
Zeng Hui *see* Han Jiaxiang 37479
Zeng Ji Liu *see* Ming Zhou 5797
Zeng Ji Liu *see* Liu Zeng Ji
Zeng Jinbo *see* He Youping 13537
Zeng Jiyong, Gao Shangrui, Zhao Qingiu, Wu Jianhong Laser-resisting holographic protective film 44815
Zeng Lieguang *see* Zhang Xiaoru 58059
Zeng Lijiang *see* Lijiang Zeng
Zeng Linfei *see* Linfei Zeng
Zeng Min *see* Fu Ying 38219
Zeng Shaoqun, Luo Qingming, Liu Xiande, Xu Haifeng, Li Zaiguang Depth image formation in optical coherence tomography system 18315
Zeng Shiyu *see* Shiyu Zeng
Zeng Shuo Wei *see* Shuo Wei Zeng
Zeng Wenjun *see* Wenjun Zeng
Zeng Wenlong *see* Wenlong Zeng
Zeng Xiaodong *see* Xiaodong Zeng
Zeng Xingwen *see* Liu Naian 46880
Zeng Yiping *see* Lin Jinmin 7356
Zeng Yiping *see* Yiping Zeng
Zeng Yonghu *see* Yonghu Zeng
Zeng Yugeng *see* Yang Zhenjiang 49646
Zeng Yuming *see* Yuming Zeng
Zeng Zhaohui *see* Zhaohui Zeng
Zeng Zhaoqi *see* Zhang Qiping 60243
Zeng Zheng, Wu Wengang, Luo Jinsheng Two-dimensional simulation of surface states effects on the performance of AlGaAs/GaAs HBT 54594
Zeng Zheng *see* Zhang Wanrong 11697
Zeng Zheng *see* Zhang Wanrong 31891
Zeng Zhihong *see* Zhang Qiushuang 53158
Zeng Zhiqiang *see* Zhiqiang Zeng
Zeng Zhoumo, Li Changying, Sun Jiazi, Yan Xucyou Measurement of video flutter of VTR's movement 58586
Zeng-Sun Jin *see* Jin Zeng-Sun
Zeng-Yu Zheng *see* Zheng Zeng-Yu
Zenger, C. *see* Backschat, M. 16250
Zengerie, R., Burkhard, H., Ries, R., Hubner, B., Greus, C., Kuphal, E. Large-spot laser diodes with stable carrier frequency by an external fiber grating 44484
Zengerle, R. *see* Jacobs, B. 54394
Zengerle, R. *see* Leminger, O. 55244
Zengerle, R. *see* Weiershausen, W. 6709
ZengFu Wang, Ohnishi, N. Stereo matching as a multistage grouping process 25488
Zenghu Chang *see* Chang Zenghu
Zenginoglou, H.M., Kosmopoulos, J.A. Linearized wave-optical approach to the grating effect of a periodically distorted nematic liquid crystal layer 45164
Zengji Liu *see* Liu Zengji
Zengqi Zhou *see* Zhong Pan 55611
Zengquan Xue *see* Xue Zengquan
Zengsheng Li *see* Li Zengsheng
Zengyu Zheng *see* Zheng Zengyu
Zeni, L. *see* Cutolo, A. 44076
Zenios, S.A. *see* Dafeng Yang 30540
Zenk, A.M. *see* Hagouel, P.I.L. 32284
Zenker, T. *see* Roths, J. 28626
Zenkevich, O.A. *see* Guslyakov, V.T. 48222
Zennaro, M. *see* Hairer, E. 21170
Zennaro, M. *see* Jackiewicz, Z. 10537
Zenobi, M. *see* Franco, P. 33688
Zenoni, A. *see* Agnello, M. 37458
Zensho Nakao *see* Yen-Wei Chen 15560
Zentel, R. *see* Boldt, P. 24182
Zentel, R. *see* Fischer, B. 43476
Zenteno, L.A. *see* De La Rosa, E. 58810
Zenteno, L.A. *see* Starodumov, A.N. 27589
Zenteno, L.A. *see* Starodumov, A.N. 55518
Zenzerovic, Z. Capacity bottleneck analysis using the queueing theory 35488
Zenzo, M.Di *see* Di Zenzo, M.
Zepernick, H.-J. On computing the performance of linear block codes in nonindependent channel errors 4477
Zepka, A. *see* Backer, D.C. 48204
Zeppenfeld, T. *see* Waibel, A. 14945
Zepu Mao *see* Mao Zepu
Zequn Mei TSOP solder joint reliability 246
Zerai, A.A., Bucklew, J.A. Poisson approximation for excursions of adaptive algorithms with a lattice state space 34856
Zerbe, V., Keller, H., Schorcht, G. Parallel matrix computations and their applications for biomagnetic fields 37742
Zerbetto, S.C., Vasconcellos, E.C.C., Zink, L.R., Evenson, K.M. Difluoromethane far-infrared lasers: new laser lines and frequency measurements 44345
Zerbetto, S.C. *see* Vasconcellos, E.C.C. 44344
Zerbetto, S.C. *see* Vasconcellos, E.C.C. 44346
Zerbi, G. *see* Anchisini, R. 27482
Zerbi, G. *see* Anchisini, R. 58720
Zerbini, E. *see* Passeri, P. 47414
Zerbini, M., Amadeo, P., Buratti, P. Experimental results of amplitude modulation reflectometry on the FTU tokamak 36862
Zerguine, A., Cowan, C.F.N., Bettayeb, M. Adaptive echo cancellation using statistical shaping 4877
Zerguine, A., Cowan, C.F.N., Bettayeb, M. Adaptive echo cancellation using least mean mixed-norm algorithm 57557
Zerhouni, E.A. *see* Atalar, E. 7989
Zerhouni, E.A. *see* Guttman, R.L. 28084
Zerhouni, N. *see* Amer-Yahia, C. 454
Zerhouni, O. *see* Arianer, J. 37191
Zerhouni, S.N. *see* Decreuze, C. 52138
Zerhusen, W. *see* Bachstein, W. 11470
Zernike, F. *see* Kania, D.R. 22664
Zernov, A. *see* Gustafsson, L. 7830
Zernova, T.Yu. *see* Voitylov, V.V. 58993
Zerr, B. *see* Stage, B. 48131
Zerroual, L. *see* Fitas, R. 9525
Zerroug, M., Nevatia, R. Volumetric descriptions from a single intensity image 5493
Zerrouk, D. *see* Nolhier, N. 43208
Zerrouki, A. *see* Ehrlich, J. 17225
Zerubia, J. *see* Lett, C. 46027
Zerubia, J. *see* Merlet, N. 46034
Zerubia, J. *see* Morris, R.D. 46488
Zerubia, J. *see* Shekarforoush, H. 25544
Zerubia, J. *see* Sziranyi, T. 25555
Zerubia, J. *see* Sziranyi, T. 35090
Zervas, E. *see* Modeas, I. 26548
Zervas, E. *see* Sakkas, V. 26506
Zervas, M.N. *see* Barcelos, S. 13592
Zervas, M.N. *see* Cole, M.J. 26779
Zervas, M.N. *see* Culverhouse, D.O. 44128
Zervas, M.N. *see* Ennser, K. 26780
Zervas, M.N. *see* Laming, R.I. 16829
Zervas, M.N. *see* Loh, W.H. 14220
Zervas, M.N. *see* Poulsen, C.V. 6756
Zervas, M.N. *see* Taverner, D. 13601
Zervas, T., McMullan, J.T., Williams, B.C. Direct smelting and alternative processes for the production of iron and steel 39449
Zervos, N.A. *see* Lawrence, V.B. 16434
Zesheng Tang *see* Tang Zesheng
Zetta, L. *see* Aiello, S. 1483
Zetta, L. *see* Aiello, S. 49328
Zetti, F. *see* Antos, J. 37373
Zettler, J.-T. *see* Steimetz, E. 12443
Zettler, J.-T. *see* Steimetz, E. 40348
Zettler, J.-T. *see* Steimetz, E. 52624
Zeunel, S., Allen, S.J., Maranowski, K.D., Gossard, A.C. Photon-assisted tunneling in GaAs/AlGaAs superlattices up to room temperature 2138
Zeuner, S., Keay, B.J., Allen, S.J., Maranowski, K.D., Gossard, A.C., Bhattacharya, U., Rodwell, M.J.W. Transition from classical to quantum dynamics in superlattices in intense THz electrical fields 54236
Zeuner, S. *see* Allen, S.J. 12488
Zeuner, S. *see* Keay, B.J. 2200
Zeungnam Bien *see* Hak-Yeong Chung 29001
Zevgolis, D. *see* Katsenos, J. 26585
Zeyer, K.-P. *see* Forster, A. 15223
Zeyfang, E. *see* Jung, M. 51264
Zeyfang, E. *see* Jung, M. 51272
Zeyi Wang, Yanhong Yuan, Qiming Wu A parallel multipole accelerated 3-D capacitance simulator based on an improved model 22931
Zeyi Wang *see* Wenming Zhou 43211
Zeylikovich, I., Alfano, R.R. Ultrafast dark-field interferometric microscopic reflectometry 7633
Zezell, D.M. *see* Ranieri, I.M. 10604
Zezula, P. *see* Ciaccia, P. 4444
Zezulka, F., Hrdlicka, M., Novotny, M., Peka, K. AS-interface bus and its use in gathering data from the technological process 36443
Zgainski, F.-X., Marechal, Y., Coulomb, J.-L., Vanti, M.G., Raizer, A. An a priori indicator of finite element quality based on the condition number of the stiffness matrix 40272
Zgainski, F.-X. *see* Coulomb, J.-L. 44930
Zgainski, F.X. *see* Migliano, A.C.C. 43710
Zgallai, W. *see* Sabry-Rizk, M. 28324
Zgonik, M. *see* Cudney, R.S. 43480
Zgonik, M. *see* Garces Chavez, V. 14332
Zgonik, M. *see* Medrano, C. 14313
Zguris, G.C. VRLA separators–past, present, ideas for the future 51477
Zha, H., Muramatsu, S., Nagata, T. 3-D shape recovery using a relaxation algorithm based on surface feature consistency 4962
Zha, H., Shibata, T., Nagata, T. Recognition of polyhedral objects–aspect graph generation based on a learning-by-showing approach 25352
Zha, H., Zhang, Z. Computing the optimal commuting matrix pairs 40187
Zha, H.-B. *see* Maeda, M. 46173
Zha, M. *see* Zeng, L. 10614
Zha, Q.-Z., Chen, W.-K. Transmission zeros and the two-port parameters 52935
Zha Hong-Bin *see* Hong-Bin Zha
Zha Hongbin *see* Hongbin Zha
Zha Kaide *see* Wang Xiangyang 3383
Zha Leping *see* Leping Zha
Zhai, G.J. *see* Mai, Z.H. 30729
Zhai, H.R. *see* Bie, Q.S. 43661
Zhai, H.R. *see* Kang, S.S. 13413
Zhai Guanjun *see* Guanjun Zhai
Zhai Guofu *see* Zhang Xiaoyou 50317
Zhai Hongchen *see* Kang Hui 4131
Zhai Huajing *see* Zhao Hao 3382
Zhai Jianfeng *see* Shen Yuquan 14251
Zhai Jin-Hui *see* Jin-Hui Zhai
Zhai Jinhui, Ruan Yu, Li Zaiguang Binary computer-generated hologram designed by iterative search algorithm 4146
Zhai Jinhui *see* Jinhui Zhai
Zhai Pengji *see* Zhao Yunlong 37476
Zhai Xiaoling, Garate, E., Prohaska, R., Benford, G. Plasma density measurement in a gas-filled X-band backward wave oscillator with a double conversion heterodyne microwave interferometer 22184
Zhalilova, S.M. *see* Shanin, O.I. 46057
Zhan, M. *see* Yanqing Du 38790
Zhan, P. *see* Waibel, A. 14945
Zhan Changqing, Lo Taichin, Liu Litian, Tsien Peihsin A silicon membrane micropump with integrated bimetallic actuator 18131
Zhan Chen, Koren, I. Layer reassignment for antenna effect minimization in 3-layer channel routing 32537
Zhan He, Nose, T., Sato, S. Molecular orientations and optical transmission properties of liquid crystal cells with slit-patterned electrodes 55323
Zhan He Wang, Ito, H., Nakao, M., Kamimura, K., Onuma, Y. Preparation and piezoresistive characteristics of polycrystalline SnO_2 films 12291

Zhan Hui *see* Hui Zhan
Zhan Liu *see* Liu Zhan
Zhan Shubo, Zhang Qishan The algorithm and implementation of coordinate transformation in GPS/DRM 27108
Zhan Su, Poulin, D. Partnership management within the virtual enterprise in a network 9965
Zhan Su *see* Su Zhan
Zhan Ya-Qin *see* Ya-Qin Zhan
Zhan Yangqin *see* Hu Hongzhang 3427
Zhan Yuanling *see* Kang Hui 4131
Zhan Yuanling *see* Kang Hui 4148
Zhan Yushu, Ren Jun, Tan Shengbin Studies of optoelectronic heterodyne detection with avalanche photodiode 36580
Zhan-Guo Wang *see* Wang Zhan-Guo
Zhan-Hua Huang *see* Yi-Mo Zhang 46393
Zhan-Hua Huang *see* Yu-Wen Qin 48414
Zhan-Jia Hou *see* Hou Zhan-Jia
Zhanbing Feng *see* Yanxin Zhang 44134
Zhang, A. *see* Futamura, S. 39480
Zhang, A.X., Sy-Ming Guu Properties of the multiple lot-sizing problem with rigid demands and general yield distributions 40120
Zhang, B., Zeller, A.F., DeKamp, J., Johnson, P., Sherill, B., Swanson, R., Zink, R. High gradient, large aperture quadrupoles for the NSCL superconducting spectrometer 49161
Zhang, B., Zhu, Z. Developing a linear piezomotor with nanometer resolution and high stiffness 51047
Zhang, B. *see* Bai, L. 15786
Zhang, B. *see* Bai, L. 15793
Zhang, B. *see* Barette, J. 59207
Zhang, B. *see* Huang, C.X. 21441
Zhang, B. *see* Morgan, V.T. 8903
Zhang, B. *see* Wang, J.B. 2155
Zhang, B.P. *see* Chen, W.M. 7548
Zhang, B.X. *see* Schiferl, R.F. 60722
Zhang, C., Zee, R.H., Thoma, P.E. Development of Ni-Ti based shape memory alloys for actuation and control 19934
Zhang, C. *see* Neves, B.R.A. 12391
Zhang, C. *see* Xu, W. 41975
Zhang, C. *see* Xu, W. 42232
Zhang, C. *see* Xu, W. 44498
Zhang, C.N., Bachtiar, T.M., Chou, W.K. Optimal fault-tolerant design approach for VLSI array processors 41023
Zhang, C.N. *see* Christian, B.S. 13138
Zhang, D. High performance VLSI compressors for large data matrix in digital neural networks implementation 21857
Zhang, D., Elmasry, M.I. Mapping neural networks onto systolic arrays 1658
Zhang, D., Elmasry, M.I. A parallel digital layered perceptrons implementation 31443
Zhang, D., Jullien, G.A. VLSI neural system architecture for finite ring recursive reduction 53497
Zhang, D., Wang, Z. Impulse noise detection and removal using fuzzy techniques 46065
Zhang, D. *see* Chih-Hsiang Lin 44547
Zhang, D. *see* Nomura, Y. 5121
Zhang, D. *see* Peng, H. 35278
Zhang, D. *see* Tomastik, R.N. 40087
Zhang, D. *see* Yang, J. 35013
Zhang, D. *see* Zavada, J.M. 33578
Zhang, D.D. A system design methodology for fuzzy clustering neural networks 21850
Zhang, D.D. Parallel VLSI neural system design for time-delay speech recognition computing 34704
Zhang, D.H. *see* Huang, Y.Z. 17882
Zhang, D.P. *see* Wongchotiqul, K. 10795
Zhang, D.Q. *see* Chiricozzi, E. 61156
Zhang, D.Q. *see* Parasiliti, F. 9576
Zhang, F., Zhang, H. A note on the number of perfect matchings of bipartite graphs 40069
Zhang, F. *see* Wagner, B. 17671
Zhang, G. Simultaneous tolerancing for design and manufacturing 10005
Zhang, G., Ovtchinnikov, A., Nappi, J., Smekalin, K., Savolainen, P., Pessa, M., Asonen, H. Far-field, efficiency and loss of 980 nm InGaAs/GaInAsP/GaInP SCH quantum well lasers 44492
Zhang, G., Pollard, R.D., Snowden, C.M. Large-signal optically controlled HEMT model and oscillator design 11706
Zhang, G., Tsang, L., Kuga, Y. Studies of the angular correlation function of scattering by random rough surfaces with and without a buried object 50237
Zhang, G. *see* Bin Yu 2688
Zhang, G. *see* Bin Yu 22806
Zhang, G. *see* Braun, B. 55569
Zhang, G. *see* Chen, K. 43006
Zhang, G. *see* Fluck, R. 3773
Zhang, G. *see* Henderson, A.J. 18942
Zhang, G. *see* Javidi, B. 15754
Zhang, G. *see* Surinach, S. 3367
Zhang, G. *see* Wu, X. 55879
Zhang, G.X. *see* Lee, S. 59348
Zhang, G.Y., Tong, Y.Z., Jin, S.X., Dang, X.Z., Yang, Z.J., Gan, Z.Z. Effects of thermal convection on growth rate of GaN by MOVPE 52678
Zhang, G.Y. *see* Chen, X.B. 4080
Zhang, H. Interpolator for all-digital receivers 34808
Zhang, H., Knightly, E.W. RCSP and stop-and-go: A comparison of two non-work-conserving disciplines for supporting multimedia communication 16418
Zhang, H., Prasad, V., Bliss, D.F. Modeling of high pressure, liquid-encapsulated Czochralski growth of InP crystals 40300
Zhang, H., Yang, O.W., Mouftah, H. Adaptive rate-based congestion control in ATM switching networks 25861
Zhang, H. *see* Abel, R.J.R. 52395
Zhang, H. *see* Chai, Y. 33521
Zhang, H. *see* Schellenberg, F.M. 2536
Zhang, H. *see* Zhang, F. 40069
Zhang, H. *see* Zou, Y.F. 10610
Zhang, H.B. *see* Hou, M. 36814
Zhang, H.C., Kuo, T.C. A graph-based approach to disassembly model for end-of-life product recycling 21007
Zhang, H.M. *see* Pingmao Xu 54936
Zhang, H.Y., He, X.H., Shih, Y.H., Schurman, M., Feng, Z.C., Stall, R.A. Study of nonlinear optical effects in GaN:Mg epitaxial film 4042
Zhang, I. *see* Moh, W.M. 47381
Zhang, J. Speed sensorless AC drive fed by a 3-level inverter with improved low-speed torque and speed control 51661
Zhang, J., Canady, W.J. Using high speed pulse as an analysis tool [for secondary batteries] 61008
Zhang, J., Farzaneh, M., Chen, X. Influence of air temperature on flashover along ice surfaces 8938
Zhang, J., Hu, H. Lidar calibration: A new method 50039
Zhang, J., Narayanan, R.M., Tracy, B.T., Gwilliam, B.L., Bolus, R.L., Pangburn, T., McKim, H.L. Multisensor estimation of vegetation characteristics 8414
Zhang, J. *see* Cathignol, D. 38137
Zhang, J. *see* Dziong, Z. 35584
Zhang, J. *see* Farzaneh, M. 8932
Zhang, J. *see* Farzaneh, M. 38395
Zhang, J. *see* Fernandez, J.M. 763
Zhang, J. *see* Garcia-Hernandez, J. 35582
Zhang, J. *see* Hui, S.Y.R. 51351
Zhang, J. *see* King, T.L. 33900
Zhang, J. *see* Lin, C. 42309
Zhang, J. *see* Mond, B. 21084
Zhang, J. *see* Osterwald, C.R. 39167
Zhang, J. *see* Shah, K.S. 37339
Zhang, J. *see* Tok, E.S. 52679
Zhang, J. *see* Tompkins, M.W. 33906
Zhang, J. *see* Xie, M.-H. 10742
Zhang, J. *see* Yin, S. 55208
Zhang, J.-G., Kwong, W.C. Effective design of optical code-division multiple access networks by using the modified prime code 36122
Zhang, J.-G. *see* McGraw, J.M. 21364
Zhang, J.F. *see* Al-Kofahi, I.S. 32091
Zhang, J.G., Lin, X.Y., Sugimura, K. Characteristics and electric contact behavior of tarnished film covered on silver plated surface formed by indoor air exposure 11809
Zhang, J.G., Zhou, Y.L., Sugimura, K., Nagae, A. A comprehensive experiment of water soluble lubricant covered on gold plated surface 11810
Zhang, J.H. *see* Ye, X.Y. 11013
Zhang, J.H. *see* Ye, X.Y. 27932
Zhang, J.P., Li, Y.X., Zhang, X., Wang, Y.Y. Recent developments and circuit applications of thin film SOI materials in China 42308
Zhang, J.P. *see* Brehmer, D.E. 12875
Zhang, J.Q. *see* Sullivan, J.M., Jr. 52578
Zhang, J.R. *see* Guo, Z.B. 32781
Zhang, J.W. *see* Zou Lyufan 54355
Zhang, J.Y. *see* Boyd, I.W. 51829
Zhang, J.Z., Chen, L.H. Nonmonotone Levenberg-Marguardt algorithms and their convergence analysis 40150
Zhang, J.Z. *see* Jin, B.B. 11698
Zhang, K. *see* Miller, J.R. 7983
Zhang, K. *see* Shiloh, M. 32898
Zhang, K. *see* Tran, A.T.T.D. 43371
Zhang, K. *see* Tran, A.T.T.D. 58746
Zhang, K. *see* Xu, A. 26679
Zhang, K.X., Osburn, C.M. The impact of in-situ rapid thermal gate dielectric processes on deep submicron MOSFETs 54627
Zhang, L. Estimation of eye and mouth corner point positions in a knowledge-based coding system 15593
Zhang, L., Aris, I.B., Hulley, L.N. A knowledge-based system for on-line fault diagnosis of power inverter circuits for AC machine drive 61133
Zhang, L., Fray, D.J., Dekeyser, J.C., De Schutter, F. Reference electrode of simple galvanic cells for developing sodium sensors for use in molten aluminum 36527
Zhang, L., Gong, L.H., Xu, X.D. Study of effect of heat transfer in the cold head to the performance of a 4.2 K G-M refrigerator 51876
Zhang, L., Norman, R., Shepherd, W. Long-range predictive control of current regulated PWM for induction motor drives using the synchronous reference frame 20140
Zhang, L., Ramer, J., Brown, J., Zheng, K., Lester, L.F., Hersee, S.D. Electron cyclotron resonance etching characteristics of GaN in plasmas with and without hydrogen 12785
Zhang, L., Watthanasarn, C. An efficient space vector modulation algorithm for AC-AC matrix converters: analysis and implementation 9364
Zhang, L. *see* Brady, G.P. 27596
Zhang, L. *see* Brady, G.P. 36601
Zhang, L. *see* Fallon, R.W. 58785
Zhang, L. *see* Hardan, F. 51683
Zhang, L. *see* Jones, K.S. 41893
Zhang, L. *see* Lester, L.F. 2226
Zhang, L. *see* Liu, X. 44777
Zhang, L. *see* Ma, P. 2609
Zhang, L. *see* Molony, A. 13576
Zhang, L. *see* Rao, Y.J. 17417
Zhang, L. *see* Rao, Y.J. 48571
Zhang, L. *see* Sugden, K. 55190
Zhang, L. *see* Webb, D.J. 37700
Zhang, L. *see* Xia, X.-G. 25067
Zhang, M. On the discretization of parameter domain in Hough transformation 5408
Zhang, M. *see* Chen, M. 32361
Zhang, M. *see* Sun, X. 48592
Zhang, M.L. *see* Han, B. 21176
Zhang, N., Chwan-Hwa Wu Improving bits allocation and quantization level control for MPEG2 encoders 46137
Zhang, N. *see* Yuan, D.R. 10632
Zhang, N.F. *see* Kacker, R. 52299
Zhang, P.C. *see* Zhou, L. 10960
Zhang, P.F. *see* Prussin, S. 54338
Zhang, P.F. *see* Prussin, S. 54340
Zhang, P.Z., Tapp, W.N., Reisman, S.S., Natelson, B.H. Respiration response curve analysis of heart rate variability 49666
Zhang, Q., Mikhael, W.B. Estimation of the clutter rank in the case of subarraying for space-time adaptive processing 48038
Zhang, Q. *see* Raebiger, J. 1976
Zhang, Q. *see* Wang, Q. 23887
Zhang, Q. *see* Zhang, X. 25399
Zhang, Q.-J. *see* Li, M. 14512
Zhang, Q.-J. *see* Mihan, K.K. 30231
Zhang, Q.-L., Chang, S.-K., Yau, S. S.-T. A unified approach to iconic indexing, retrieval, and maintenance of spatial relationships in image databases 46457
Zhang, Q.J. *see* Lihong Zhang 2747
Zhang, Q.K. *see* Chellamuthu, K.C. 44851
Zhang, Q.M., Huntao Hu, Sitch, J., Surridge, R.K., Xu, J.M. A new large signal HBT model 12899
Zhang, Q.M., Jianzhong Zhao, Uchino, K., Jiehui Zheng Change of the weak-field properties of $Pb(ZrTi)O_3$ piezoceramics with compressive uniaxial stresses and its links to the effect of dopants on the stability of the polarizations in the materials 32685
Zhang, Q.M. *see* Wang, H. 2898
Zhang, Q.M. *see* Zhao, J. 2899
Zhang, Q.T. Probability of error for equal-gain combiners over Rayleigh channels: some closed-form solutions 47526
Zhang, Q.T. *see* Chen, R.S. 41473
Zhang, Q.T. *see* Tan, L. 16586
Zhang, R., Li, J., Liu, P., Li, Q., Zhang, X. A new torus antenna with modified generatrix revolving about bias axis 56154
Zhang, R., Phillis, Y.A. Fuzzy service rate control of queueing systems 21032
Zhang, R. *see* Liu, J.L. 12418
Zhang, R. *see* Serafini, L. 17990
Zhang, R. *see* Shen, B. 41880
Zhang, R.D. *see* Firmin, C. 39857
Zhang, S., Chen, C. Optical general binary cellular automata for optical computing 33188
Zhang, S., Ganesan, R., Xistris, G.D. Self-organising neural networks for automated machinery monitoring systems 9161
Zhang, S., Kschischang, F.R. Design of good linear block codes with fixed state complexity 45639
Zhang, S. *see* Fatemi, O. 15500
Zhang, S. *see* Meyer, B. 48994
Zhang, S.-L. *see* Mouroux, A. 42677
Zhang, S.-L. *see* Mouroux, A. 42690
Zhang, S.K. *see* Liu, Y.G. 55742
Zhang, S.K. *see* Lu, F. 54148
Zhang, S.K. *see* Wang, J.B. 2155
Zhang, S.L., Lane, P.M., O'Reilly, J.J. Assessment of the nonlinear effects of a Mach-Zehnder modulator for analogue fibre-radio systems 26695
Zhang, S.L., Lane, P.M., O'Reilly, J.J. A millimetre-wave fibre radio system for a broadband access network delivering ATM based services 47524
Zhang, S.L., O'Reilly, J.J. Effect of dynamic stimulated Brillouin scattering on millimeter-wave fiber radio communication systems 36135
Zhang, S.L., O'Reilly, J.J. Dynamics of stimulated Brillouin scattering and its effects on fibre supported millimeter-wave communication systems 47931
Zhang, S.S., Angell, C.A. A novel electrolyte solvent for rechargeable lithium and lithium-ion batteries 51451
Zhang, S.S. *see* Angell, C.A. 29557
Zhang, S.Y. Incoherent and coherent tune shifts 17938
Zhang, S.Z., Margalit, N.M., Reynolds, T.E., Bowers, J.E. 1.54-μm vertical-cavity surface-emitting laser transmission at 2.5 Gb/s 36132
Zhang, T., Hashimoto, Y., Yonemura, M. Theory behind and experimentation on the spectral control

of a laser diode with a Michelson external cavity 33470
Zhang, T., Yonemura, M., Sharma, L.B., Daido, H., Kato, Y. Second-harmonic generation with traveling-wave pulses 3973
Zhang, T. *see* Covaci, S. 46923
Zhang, T. *see* Nilsson, H.-E. 9867
Zhang, T. *see* Sharma, L.B. 14341
Zhang, V., Lefebvre, J.-E., Gryba, T. Theoretical study of surface acoustic waves in (n11) GaAs-cuts 54913
Zhang, W., Shen, L. A wavelet transform based image coding method using lattice vector quantization 35277
Zhang, W. *see* Abdelsalam, M.K. 55137
Zhang, W. *see* El-Marazki, L.O. 55136
Zhang, W. *see* Lin, W. 33135
Zhang, W. *see* Liu, H. 46037
Zhang, W. *see* Mclaren, T. 33330
Zhang, W. *see* Yan, F. 27634
Zhang, W. *see* Yang, Y. 27636
Zhang, W.-M., Qin, X.-H., Hsia, R.P., Jiang, F., Liang, C., Chen, Z.-T., Rosenau, S.A., Domier, C.W., Luhmann, N.C., Jr. UC Davis monolithic millimeter-wave and picosecond electronic technology program 53675
Zhang, W.-M. *see* Jiang, F. 36864
Zhang, W.J., Jiang, X., Klages, C.-P. (001)-textured growth of diamond films on polycrystalline diamond substrates by bias-assisted chemical vapor deposition 30937
Zhang, W.J. *see* Wang, B.F. 21380
Zhang, W.Q. Femtosecond second and third harmonic light generation in biaxial crystal KTP 33731
Zhang, W.X. *see* Jiang, G.Z. 56126
Zhang, W.X. *see* Shi, W.M. 34281
Zhang, W.X. *see* Shi, W.M. 45346
Zhang, W.X. *see* Tsang, K.F. 56100
Zhang, W.Y. *see* Uchida, H. 27652
Zhang, X., Burlina, P., Zhang, Q., Chellappa, R. Automatic image-to-site model registration 25399
Zhang, X., DeJong, S.C., McKay, C.R., Collins, S.M., Sonka, M. Automated characterization of plaque composition from intravascular ultrasound images 49525
Zhang, X., Ding, K. Field-enhanced nonequilibrium C/V and I/V characteristics of MOS capacitor under linear voltage ramp bias 12584
Zhang, X., Kung, P., Saxler, A., Walker, D., Razeghib, M. Observation of room temperature surface-emitting stimulated emission from GaN:Ge by optical pumping 3584
Zhang, X., Kung, P., Walker, D., Saxler, A., Razeghi, M. Growth of GaN without yellow luminescence 10897
Zhang, X., Moerman, I., Sys, C., Demeester, P., Crawley, J.A., Thrush, E.J. Highly uniform AlGaAs/GaAs and InGaAs(P)/InP structures grown in a multiwafer vertical rotating susceptor MOVPE reactor 40327
Zhang, X., Pashley, D.W. A comparison of strain relief behaviour of $In_xGa_{1-x}As$ alloy on GaAs (001) and (110) substrates 767
Zhang, X., Rizzi, B.J., Kramer, J. A new measurement approach for phase noise at close-in offset frequencies of free-running oscillators 27879
Zhang, X., Taniguchi, K., Nakano, Y. Variable thresholding and its application to extracting nuclei in glomeruli 15861
Zhang, X., Yoshikawa, T. Design of zero phase IIR Nyquist filters 41330
Zhang, X., Yuan, Y., Gutierrez-Aitken, A., Bhattacharya, P. 0.98 μm multiple quantum well tunneling injection lasers extrapolated 44576
Zhang, X., Zhuang, W. A channel sharing scheme for wireless cellular networks 47818
Zhang, X. *see* Fujii, M. 30332
Zhang, X. *see* Gutierrez-Aitken, A.L. 26734
Zhang, X. *see* Joshi, P.C. 43482
Zhang, X. *see* Kamath, K. 55621
Zhang, X. *see* Klotzkin, D. 55695
Zhang, X. *see* Laire, O. 10710
Zhang, X. *see* Newman, R.C. 2029
Zhang, X. *see* Qiao, C. 26891
Zhang, X. *see* Singler, T.J. 10064
Zhang, X. *see* Singler, T.J. 31629
Zhang, X. *see* Syao, K.-C. 26784
Zhang, X. *see* Syao, K.C. 47993
Zhang, X. *see* Vanderbauwhede, W. 52662
Zhang, X. *see* Walker, D. 17392
Zhang, X. *see* Walker, D. 48504
Zhang, X. *see* Yuan, Y. 13693
Zhang, X. *see* Zhang, J.P. 42308
Zhang, X. *see* Zhang, R. 56154
Zhang, X.-C. *see* Wu, Q. 7256
Zhang, X.-C. *see* Wu, Q. 48488
Zhang, X.-J. *see* Barnes, P.A. 12540
Zhang, X.D., Sun, C.T. Formulation of an adaptive sandwich beam 30997
Zhang, X.G. *see* Bao, K.X. 40470
Zhang, X.H. *see* Gilbert, F. 36621
Zhang, X.H. *see* Xu, S.J. 32034
Zhang, X.J. *see* Zheng, D.W. 32161
Zhang, X.M. *see* Belk, J.G. 21300
Zhang, X.M. *see* Fernandez, J.M. 763
Zhang, X.M. *see* Yamaguchi, H. 52703
Zhang, X.R. *see* Jiang, Z.H. 33809
Zhang, X.X. *see* Sole, R. 3177
Zhang, X.Y. *see* Shen, B. 41880
Zhang, X.Y. *see* Xia, A.D. 2498
Zhang, Y., Breck, G., Humiec, F., Murski, K., Abys, J.A. An alternative surface finish for tin/lead solders: pure tin 22073
Zhang, Y., Carpio, R., Schwartz, G., Gonzalez, A. Wafer mapping for oxide and metal CMP applications 54435
Zhang, Y., Chan, H.L.W., Choy, C.L. Effect of target material on the laser induced pressure pulse measurements for thick P(VDF-TrFE) copolymers 54927
Zhang, Y., Ding, X., Liu, Y., Griffin, P.J. An artificial neural network approach to transformer fault diagnosis 9299
Zhang, Y., Golubtsov, P., Yin, X., Parikh, P., Stephenson, B., Lee, J. Mapping wafer flatness changes in chemical mechanical planarization 32229
Zhang, Y., Kameda, H., Hung, S.-L. Comparison of dynamic and static load-balancing strategies in heterogeneous distributed systems 57894
Zhang, Y., Miller, R., Ryder, D.M. Modelling of the photoconductive switch analogue waveform generation 13848
Zhang, Y., Po, L.M. Speeding up fractal image encoding by wavelet-based block classification 5017
Zhang, Y., Wehenkel, L., Rousseaux, P., Pavella, M. SIME: a hybrid approach to fast transient stability assessment and contingency selection 50319
Zhang, Y., Zhang, Y., Sriram, T.S., Marcus, R.B. Formation of single tips of oxidation-sharpened Si 22547
Zhang, Y. *see* Bahar, E. 8392
Zhang, Y. *see* Bahar, E. 36238
Zhang, Y. *see* Chen, K.-T. 12619
Zhang, Y. *see* Ditizio, R. 54469
Zhang, Y. *see* Hosaka, M. 54532
Zhang, Y. *see* Katoh, T. 43369
Zhang, Y. *see* Kluiwstra, J.-U. 28418
Zhang, Y. *see* Sugiyama, S. 23072
Zhang, Y. *see* Takeuchi, S. 49147
Zhang, Y. *see* Tan, K.P.S. 22018
Zhang, Y. *see* VanBaren, P. 18519
Zhang, Y. *see* Zhang, Y. 22547
Zhang, Y.-H. *see* Le, H.Q. 14089
Zhang, Y.F., Wong, Y.S., Tey, G.Y. A heuristics-based system for job shop scheduling 39736
Zhang, Y.G., Li, A.Z., Milnes, A.G. Metal-semiconductor-metal ultraviolet photodetectors using 6H-SiC 36572
Zhang, Y.J., Yao, Y.R., He, Y. Automatic face segmentation using color cues for coding typical videophone scenes 57747
Zhang, Y.M., Borzenets, V., Dubash, N., Reynolds, T., Wey, Y.G., Bowers, J. Cryogenic performance of a high-speed GaInAs/InP p-i-n photodiode 44238
Zhang, Y.M. *see* Berkowitz, S.J. 3291
Zhang, Y.P., Hwang, Y. Theory of the propagation of electromagnetic waves in a railway tunnel 33989
Zhang, Y.P., Hwang, Y. Bandwidth characteristics of UHF radio propagation channels in rectangular tunnels 34082
Zhang, Y.P. *see* Hwang, Y. 45387
Zhang, Y.Q. *see* Weiping Li 56952
Zhang, Y.T. *see* Xiang, S.H. 49539
Zhang, Y.X. *see* Chen, K.M. 12340
Zhang, Y.X. *see* Qin, G.G. 12564
Zhang, Y.Xin *see* Xin Zhang, Y.
Zhang, Z., Babuska, I. A numerical method for steady state free boundary problems 21196
Zhang, Z., Bryanston-Cross, P.J. Detection of a random edge and its application to interior surface measurement 36903
Zhang, Z., He, B., Miller, W. Local multiple alignment via subgraph enumeration 10309
Zhang, Z., Kulakov, M.A., Bullemer, B. Scanning tunnelling microscopy study of Si(100)-c(4×4) structure formation by annealing of Si epitaxial films 30797
Zhang, Z., Profumo, F., Tenconi, A. Improved design for electric vehicle induction motors using an optimisation procedure 9656
Zhang, Z., Profumo, F., Tenconi, A. Axial flux interior PM synchronous motor torque performance analysis for traction drives 29774
Zhang, Z., Profumo, F., Tenconi, A. Axial-flux versus radial-flux permanent-magnet motors 51725
Zhang, Z., Profumo, F., Tenconi, A. Axial flux wheel machines for electric vehicles 51738
Zhang, Z., Yang, E.-H., Wei, V.K. The redundancy of source coding with a fidelity criterion. I. Known statistics 24730
Zhang, Z. *see* Ahlswede, R. 24623
Zhang, Z. *see* Ahlswede, R. 24729
Zhang, Z. *see* Cao, H. 57364
Zhang, Z. *see* Chang, J.P. 42466
Zhang, Z. *see* Du, A.Y. 12322
Zhang, Z. *see* Durdle, N.G. 49518
Zhang, Z. *see* Lucido, L. 36274
Zhang, Z. *see* Lucido, L. 48135
Zhang, Z. *see* Lucido, L. 58490
Zhang, Z. *see* Luiten, A.N. 48500
Zhang, Z. *see* McLaren, P.G. 19387
Zhang, Z. *see* Zha, H. 40187
Zhang, Z.D. *see* Sui, Y.C. 32877
Zhang, Z.G., Vickson, R.G., van Eenige, M.J.A. Optimal two-threshold policies in an M/G/1 queue with two vacation types 35487
Zhang, Z.G. *see* Ding, Y. 14312
Zhang, Z.H., Cui, X.T., Chu, W.K. Phosphorus ion implantation in type IIA diamond 12651
Zhang, Z.P., Chen, H.F., Ye, S.W., Zhao, J.W. Comparison of the BP training algorithm and LVQ neural networks for e, μ, π identification 7798
Zhang, Z.Y. *see* Sun, T. 36495
Zhang Aidong *see* Aidong Zhang
Zhang Aijun *see* Wang Zhangqi 19887
Zhang Bao-Wen *see* Gao Hong 44633
Zhang Baoguo *see* Duan Limin 18082
Zhang Baojin *see* Baojin Zhang
Zhang Bin *see* Wang Xiaobin 54616
Zhang Bin *see* Bin Zhang
Zhang Binglin *see* Phillips, H.M. 10824
Zhang Bingyi Research on the front-end transceiving components of the 8 mm integrated communication receivers 58118
Zhang Bingzhong, Zhu Junguo, Yang Bing, Huang Jintao Research on photo-electronic length measuring method of coated fuel particle size for HTGR 36883
Zhang Bo Research on the effect of the rotor salient pole property on the vector control of synchronous motor 38705
Zhang Bo *see* Liu Ling 53482
Zhang Bo *see* Bo Zhang
Zhang Boheng *see* Wang Zhengrong 14231
Zhang Boming *see* Cai Xiang 50395
Zhang Boming *see* Sun Hongbin 28795
Zhang Byoung-Tak *see* Byoung-Tak Zhang
Zhang Chang-Yao *see* Wan Xiao-Yan 56459
Zhang Changyou *see* Changyou Zhang
Zhang Chanzhe *see* Yang Bingfan 49044
Zhang Chao, Feng Guanping Study on the principle of dual modulation of quartz crystal sensors under liquid phase 17336
Zhang Chaohai, Zhou Qijie, Mao Zongyuan, Zhu Deming A hybrid FLN and Lagrangian relaxation approach to generator unit commitment 60330
Zhang Chen-Xiong *see* Chen-Xiong Zhang
Zhang Chenjun, Jin Guojun, Feng Bihua, Tian Desen Optical fractal image produced by convolution 46399
Zhang Chuan-Fei *see* Huang Wen-Zhong 44354
Zhang Chuang *see* Gao Zhiyuan 59173
Zhang Chuanli, Huang Yizhuang, Lu Wenzhe Study of multi-functional capacitor protection based on microcomputer 51445
Zhang Chun, Tang Chunhe, Zhang Dongmei Thickness measurement of coatings for HTGR coated fuel particles 38502
Zhang Chunhong *see* Liu Senli 8860
Zhang Chunming, Zuo Dunwen, Wang Min Microprocessor-based model-following adaptive control system for CSIM drives 61109
Zhang Chunyu *see* Chunyu Zhang
Zhang Cunhao *see* Duo Liping 23755
Zhang Cunyen *see* Li Qun 57765
Zhang Cunzhou *see* Pan Xiaoning 44430
Zhang Dangying *see* Zhou Qingjie 29507
Zhang Danhong *see* Wang Guicheng 7828
Zhang Dao-fan *see* Ma Kun 40309
Zhang Daofan *see* Daofan Zhang
Zhang Daqing *see* Daqing Zhang
Zhang Dengguo *see* Yang Shuwen 13991
Zhang Dengguo *see* Yao Jianguo 23823
Zhang Dili *see* Dili Zhang
Zhang Dongmei *see* Zhang Chun 38502
Zhang Dongsheng, Tong Jingwei, Li Hongqi, Li Linan Study on out-off-plane displacement measurement using DSPI under impact loading 4115
Zhang Dongsheng *see* Dongsheng Zhang
Zhang Dongxian *see* Zhang Yufei 24238
Zhang Dongxiang *see* Wang Xiangyang 3383
Zhang Dongxiang *see* Zhang Yufei 33712
Zhang Dongxiao *see* Dongxiao Zhang
Zhang Dongzheng *see* Yao Lixiao 28872
Zhang Dougsheng *see* Dougsheng Zhang
Zhang Enhuai, Hu Rongfang DC analysis of push-pull zero-voltage-switched multiresonant converter 60921
Zhang Enyao *see* Wang Jia 48937
Zhang Fan *see* Sun Baoshen 60128
Zhang Fan *see* Fan Zhang
Zhang Feifei *see* Feifei Zhang
Zhang Feng, Xu Chuan Xiang, Li Yang Ping Influence of distillation fraction on breakdown strength of organopolysiloxane gel 13297
Zhang Feng, Xu Chuan Xiang, Zhang Shao Yun Influence of negative corona-charged surface protective material on surface depletion region width 19852
Zhang Feng *see* Yue Kaiduan 17823
Zhang Fu-Yan *see* Teng Zhi-Meng 32346
Zhang Fuji *see* Zhang Huaxiao 30502
Zhang Fulong *see* Fan Honglei 32208
Zhang Fulong *see* Fulong Zhang
Zhang Fushun, Zhang Jinmin, Xiao Gaoxi An analysis method for the maximal side-lobe (MSL) level on the intercardinal plane 45366
Zhang Fushun, Zhang Jinmin, Zhang Shixuan The measurement of electric parameters for antenna in time domain 45395
Zhang Fushun *see* Zheng Huili 48367

Zhang Gengmin, Liao Xianheng, Wu Quande Photoemission from a laser-driven storage oxide cathode 37196
Zhang Guang-Duo, Wang Zheng-Zhi The theoretic research of implicit parallelism in the processing of genetic algorithms 21092
Zhang Guang-Yin *see* Sun Qian 33740
Zhang Guang-Ying *see* Liu Si-Min 43988
Zhang Guang-Yu *see* Guang-Yu Zhang
Zhang Guangjun, Lu Junfang, Zhou Xiuyin, Zhou Haomin, Yuan Mei Carbon dioxide gage with a single infrared ray 36728
Zhang Guangjun, Tian Xu Structured light 3D vision and its industry application 57381
Zhang Guangyin *see* Pan Xiaoning 44430
Zhang Guangyin *see* Guangyin Zhang
Zhang Guangyong *see* Jing Hongmei 44802
Zhang Guangzhao *see* Diao Yongping 58017
Zhang Guanqiang *see* Guanqiang Zhang
Zhang Guanshen *see* Guanshen Zhang
Zhang Guansheng *see* Li Zhenbiao 11833
Zhang Guanyuan *see* Lin Feng 28770
Zhang Guifen *see* Li Deheng 29050
Zhang Guifu *see* Guifu Zhang
Zhang Guihua *see* Guihua Zhang
Zhang Guilan *see* Wu Pengfei 14467
Zhang Guilan *see* Guilan Zhang
Zhang Gulfu *see* Gulfu Zhang
Zhang Guo-Ping *see* Huang Wen-Zhong 44354
Zhang Guo-Qing *see* Guo-Qing Zhang
Zhang Guo-Quan *see* Liu Si-Min 43988
Zhang Guofen The estimate and lower confidence limit of reliability for pass-fail component 368
Zhang Guoqiang *see* Cui Xiang 51081
Zhang Guoquan *see* Guoquan Zhang
Zhang Guowei Operation and management of interconnected power systems in North America 8818
Zhang Guoxiong *see* Guoxiong Zhang
Zhang Guoyi *see* Tong Yuzhen 54082
Zhang Guoyi *see* Guoyi Zhang
Zhang Hai-Feng *see* Huang Jing-Song 44285
Zhang Haijun *see* Haijun Zhang
Zhang Haiping *see* Haiping Zhang
Zhang Hanming *see* He Junjia 19886
Zhang Hanqin *see* Hanqin Zhang
Zhang Hao *see* Zhang Zijing 38181
Zhang Haoxu *see* Wang Kezhi 32097
Zhang HeBe The cold quality Q_{cold} for magnicon on resonator in the rotating TM_{n10} mode 53994
Zhang Heng *see* Zhou Suangxi 60708
Zhang Heng-Li *see* Mu Xiao-Dong 43989
Zhang Honfeng, Wang Wen Yi The NBEFR and NWEFR classes of life distributions 52338
Zhang Hong *see* Han Jinghong 36724
Zhang Hong *see* Hong Zhang
Zhang Hong Jiang *see* Hong Jiang Zhang
Zhang Hong-Jun *see* Hong-Jun Zhang
Zhang Hongbao *see* Hongbao Zhang
Zhang Hongbiao *see* Hongbiao Zhang
Zhang Hongfen *see* Hongfen Zhang
Zhang Honghai *see* Honghai Zhang
Zhang Hongjun *see* Cheng Wuzhu 4168
Zhang Hongliang *see* Hongliang Zhang
Zhang Hongming, Fan Yaliang, Liao Peihong A structural optimization model for city's high-voltage network planning 19244
Zhang Hongming, Zhong Jianzhong, Liao Peihong Research into metropolitan underground power transmission 50499
Zhang Hongyan *see* Lin Huamao 54900
Zhang Hongyan *see* Hongyan Zhang
Zhang Hongyue *see* Qin Zuxu 56544
Zhang Hongyue *see* Hongyue Zhang
Zhang Huaiwu, Liu Yingli, Wang Haocai, Kim, H.J. Linear signal analysis of permanent magnet biased narrow track spin-valve GMR heads 13449
Zhang Huajian *see* Lu Zhenyu 9368
Zhang Huanchun *see* Fan Xiaoming 58705
Zhang Huanshui, Deng Zili Self-tuning optimal deconvolution smoothing method for multivariable ARMA signal and its asymptotic stability 24884
Zhang Huanshui *see* Deng Zili 34711
Zhang Huaxiao, Zhang Fuji, Huang Qiongxiang On the number of spanning trees and Eulerian tours in iterated line digraphs 30502
Zhang Ji Wen *see* Ji Wen Zhang
Zhang Ji-Fa *see* Chen Hong 894
Zhang Ji-Fa *see* Gu Chang-Zhi 893
Zhang Ji-Fa *see* Gu Chang-Zhi 31768
Zhang Ji-Gao *see* Ji-Gao Zhang
Zhang Jia-sen *see* Gao Hong 44633
Zhang Jia-Yu *see* Jia-Yu Zhang
Zhang Jian, Huang Ming-Sheng A multi-pulse PPK telemetry system based on PC 8289
Zhang Jian, Shen De-Xin, Wang Wei-Yuan An experimental and numerical study on the intrinsic frequency of micromachined piezoelectric motor stators 43418
Zhang Jian, Zhou Quanren Technical measures for improving security and stability of Hunan power system in recent 15 years 50394
Zhang Jian *see* Jian Zhang
Zhang Jian-Guo *see* Jian-Guo Zhang
Zhang Jian-Ren *see* Chen Zhi-Liang 53456
Zhang Jiancheng *see* Jiancheng Zhang
Zhang Jiang-She *see* Jiang-She Zhang
Zhang Jiangling *see* Zhao Yuelong 13457
Zhang Jianguo Non-level fine-divided drive of step-by-step motor 51733
Zhang Jianluo *see* Jianluo Zhang
Zhang Jianping *see* Jianping Zhang
Zhang Jianrong *see* Yu Zhongqing 953
Zhang Jianrong *see* Jianrong Zhang
Zhang Jianyu *see* Jin Biaobing 55146
Zhang Jianzhong *see* Jianzhong Zhang
Zhang Jiaqin *see* Jiaqin Zhang
Zhang Jiawen *see* Mao Zepu 59254
Zhang Jiaxing *see* Shen Yuquan 14251
Zhang Jiazong *see* Jin Biaobing 55146
Zhang Jiazong *see* Jiazong Zhang
Zhang Jie, Wang Dejun, Shi Tongshun, Wang Baohui, Sun Jiazhong, Li Tiejin Photovoltaic properties of porphyrin solid films with electric-field induction 33233
Zhang Jie, Wang Ningsheng The researches on the concurrent integrated process planning system 20782
Zhang Jie *see* Huang Wen-Zhong 44354
Zhang Jie *see* Jie Zhang
Zhang Jifen Design of Dahuai 110 kV non-attended substation 60963
Zhang Jihong *see* Wei Bingqing 4169
Zhang Jin-Fa *see* Jin-Fa Zhang
Zhang Jin-Yun *see* Jin-Yun Zhang
Zhang Jing *see* Hao Yuguo 50373
Zhang Jing Bing *see* Jing Bing Zhang
Zhang Jing-Wei *see* Zou Lu-Fan 54349
Zhang Jing-Wen *see* Zhang Liang-Min 33674
Zhang Jing-Wen *see* Zhang Liang-Min 55850
Zhang Jingfan *see* Jingfan Zhang
Zhang Jingfang A new master hologram for true color 3D embossed hologram 44804
Zhang Jinghua *see* Wang Chunhua 48609
Zhang Jingjuan *see* Shi Zhixia 37526
Zhang Jingjuan *see* Jingjuan Zhang
Zhang Jingping *see* Feng Zhenghe 11672
Zhang Jingping *see* Jingping Zhang
Zhang Jingwen *see* Zhao Hua 33715
Zhang Jingwen *see* Jingwen Zhang
Zhang Jingyuan *see* Xu Zuyan 4073
Zhang Jingyuan *see* Zhang Jizhi 55603
Zhang Jingyuan *see* Jingyuan Zhang
Zhang Jinhua *see* Gao Qinxiang 19915
Zhang Jinmin *see* Zhang Fushun 45366
Zhang Jinmin *see* Zhang Fushun 45395
Zhang Jinmin *see* Zheng Huili 48367
Zhang Jishi, Zhu Xuan Equivalent source method for calculating 3-D eddy currents in the anisotropic medium 55972
Zhang Jiuxing *see* Zhou Meiling 31685
Zhang Jiwen *see* Jiwen Zhang
Zhang Jixion, Zhou Zuoping, Fang Yudong Anomalous dispersion of matter used to realize the selective detection in density 17813
Zhang Jizhi, Wang Wei, Zhang Jingyuan, Wang Xiaojie, Li Li, Zhu Hongliang, Wang Zhijie, Zhou Fan, Ma Chaohua A 1.31 μm novel complex-coupled MQW-DFB laser by modulated distribution of injection current 55603
Zhang Juesheng *see* Wang Yuhong 40944
Zhang Juesheng *see* Wang Yuhong 40945
Zhang Jun, Wu Ju A kind of scheme for alternate fiber CATV 58576
Zhang Jun *see* Jun Zhang
Zhang Jun-Ying *see* Jun-Ying Zhang
Zhang Junghong, Song Macheng, Hao Jincheng, Lian Yaguang, Chao Hainin, Chao Yianxin Se ion implantation for GaAs very high speed gate array 54760
Zhang Junying *see* Xu Jin 10322
Zhang Kai *see* Kai Zhang
Zhang Kai-Ming *see* Ke San-Huang 42112
Zhang Kaixi, Zhang Ping The plasma explosion model in studying the electric strike damage on dielectric surface by discharge plasma 32636
Zhang Kaixi *see* Zhang Ping 36498
Zhang Kan, Xiang Qiangsheng, Wang Ziyu, Zhu Lixin, Xu Anshi, Wu Deming, Wang Chu, Xie Linzhen AN experimental optical fiber WDM system with 12 channels 47902
Zhang Kan *see* Cao Qing 879
Zhang Kan *see* Chen Weihua 30888
Zhang Ke-Cun *see* Zhang Xi 475
Zhang Kehan *see* Lu Jinchao 58642
Zhang Keqian *see* Chen Gelin 8567
Zhang Keqian *see* Keqian Zhang
Zhang Kui *see* Kui Zhang
Zhang Lei *see* Lei Zhang
Zhang Li *see* Ge Yi 46403
Zhang Li *see* Sun Ying 19117
Zhang Li *see* Wang Jiang 19876
Zhang Lianbin *see* Yu Yixin 28774
Zhang Liang, Duan Minghao, Tang Junxiong Experimental study of rubidium active Faraday Anomalous Dispersion Optical Filter 13785
Zhang Liang, He Songhua, Zhuang Zhaowen Design of infrared data acquisition and processing system 7214
Zhang Liang, He Xiangqing Practical solutions for scan design 53161
Zhang Liang-Min, Shao Zong-Shu, Zhang Jing-Wen, Chen Jun, Mu Xiao-Dong, Chen Huan-Chu, Jiang Min-Hua Mutually pumped phase-conjugate mirror: two arches configuration 55850
Zhang Liang-Min, Zhang Jing-Wen, Shao Zong-Shu, Mu Xiao-Dong, Chen Huan-Chu, Jiang Min-Hua Mutually pumped phase-conjugate mirror: sickle configuration 33674
Zhang Liangmin *see* Liangmin Zhang
Zhang Liangying *see* Fan Huiqing 43496
Zhang Liangying *see* Liangying Zhang
Zhang Lichun *see* Mo Bangxian 31212
Zhang Lihong *see* Lihong Zhang
Zhang Lijun *see* Lijun Zhang
Zhang Liming *see* Liming Zhang
Zhang Lin *see* Lin Zhang
Zhang Linchang *see* Qiu Xiaohong 60176
Zhang Linchang *see* Linchang Zhang
Zhang Liqing, Zhou Hong, Li Xiangrong, Liu Zunyi Research on rational capacity of thermal electric compensation in combination with the Three Gorges power station in Central China power system 8812
Zhang Liren *see* Liren Zhang
Zhang Lixia *see* Lixia Zhang
Zhang Man-Hong, Guo Li-Wei, Huang Qi, Zhou Jun-Ming Theoretical study of strain-induced step configuration changes on vicinal Si(001) by the growth of Ge 41875
Zhang Maocheng *see* Luo Zhuolin 38437
Zhang Meijie *see* Meijie Zhang
Zhang Meng *see* Meng Zhang
Zhang Miao, Zhu Shi-Yang, Li Jin-Hua, Ni Ru-Shan, Lin Cheng-Lu Unibond synthesis of silicon on insulator material 54289
Zhang Min *see* Min Zhang
Zhang Ming, Shu Yongze Chiral medium measurement in free space using two-point target technique 33953
Zhang Ming, Yu Wen, Wang, W.H., Wang, W.K. Reinvestigation of the first nucleated phase in Nb/Si multilayers 32061
Zhang Ming *see* Ming Zhang
Zhang Mingchun *see* Wang Haihong 823
Zhang Minglian *see* Hao Jiankang 26949
Zhang Mingrui *see* Yang Shaopeng 56068
Zhang Mingsheng *see* Xie Shizhong 20835
Zhang Nai-Jian *see* Nai-Jian Zhang
Zhang Naiqian *see* Gao Baoxin 1735
Zhang Nan *see* Yuan Duo-Rong 44634
Zhang Ning *see* Wang Wei 58429
Zhang Ning *see* Ning Zhang
Zhang Peihong, Gong Guoli, Dong Guangyu, Dong Zhenhua The influence of SF_6 and SF_6/N_2 gas pressure to the breakdown performance of polyester film 19790
Zhang Peng-Gang *see* Peng-Gang Zhang
Zhang Peng-Hua *see* Luo Ke-Jian 31993
Zhang Ping, Zhang Kaixi A novel method for surface charge density measurement 36498
Zhang Ping *see* Xin Jianqiang 48753
Zhang Ping *see* Zhang Kaixi 32636
Zhang Ping *see* Ping Zhang
Zhang Qi-Jun *see* Qi-Jun Zhang
Zhang Qi-Ren *see* Huang Wen-Zhong 44354
Zhang Qian *see* Qian Zhang
Zhang Qian Ling *see* Jiang Ke 56808
Zhang Qian-Ling, Tang Ting-Ao, Yu Huihua *(editors)* 1996 2nd International Conference on ASIC Proceedings (IEEE Cat. No.96TH8140) 51932
Zhang Qiang *see* Zhu Zhigang 5238
Zhang Qianlin *see* Chen Xuyun 56807
Zhang Qianling *see* Zhou Ting 56805
Zhang Qianling *see* Qianling Zhang
Zhang Qiaogen *see* Qiaogen Zhang
Zhang Qin *see* Qin Zhang
Zhang Qin Tai *see* Chen Ru Shan 53612
Zhang Qing *see* Qing Zhang
Zhang Qing Tai *see* Chen Ru Shan 41449
Zhang Qing Tai *see* Chen Ru Shan 53630
Zhang Qing Tai *see* Chen Ru Shan 53631
Zhang Qing Tal *see* Chen Ru Shan 11692
Zhang Qingxin, Liu Lilian, Li Zhijian Study of a novel double bridged structural pressure sensor 58703
Zhang Qingxin *see* Qingxin Zhang
Zhang Qinyao *see* Wang Shanli 10788
Zhang Qiong *see* Zhao Yu 16404
Zhang Qiping, Zeng Zhaoqi, Wang Jueying Analysis of system stability control device used in Beilungang-Lanting 500 kV system in East China Grid 60243
Zhang Qishan *see* Wang Yongqian 16641
Zhang Qishan *see* Zhan Shubo 27108
Zhang Qishao *see* Jin Biaobing 55146
Zhang Qishao *see* Qishao Zhang
Zhang Qiushuang, Qiu Yulin, Zeng Zhihong A novel full-swing low-voltage BiCMOS logic circuit 53158
Zhang Qiyu *see* Hou Zhijian 28844
Zhang Rong *see* Gu Shulin 30905
Zhang Rong *see* Yang Kai 48516
Zhang Rong *see* Rong Zhang
Zhang Rui *see* Zhou Xilang 45341
Zhang Ruo-Hua *see* Chen Li-Chun 55454
Zhang Ruquan *see* Bai Tongshuo 50679
Zhang Shao Yun *see* Zhang Feng 19852
Zhang Shao-Liang *see* Shao-Liang Zhang
Zhang Shaofeng *see* Zheng Chaosi 3790
Zhang Shaohua, Yan Maosong Probabilistic simulation analysis and calculation of capacity discount of pumped storage power station 19609
Zhang Shaojun *see* Zhao Shengzhi 23859
Zhang Shaojun *see* Shaojun Zhang
Zhang Shaoqiang *see* Mao Zepu 59254
Zhang Sheling *see* Yang Mau 58469
Zhang Sheng *see* Sheng Zhang
Zhang Shengbin, Fan Xiaoya, Gao Deyuan, Mou Chengyu Designing a Twinax communication circuit 57845

Zhang Shengliang *see* Li Tianying 12081
Zhang Shichang *see* Luo Jirun 53559
Zhang Shixuan *see* Qu Baiqing 45368
Zhang Shixuan *see* Zhang Fushun 45395
Zhang Shoubai *see* Ding Guifu 51460
Zhang Shouyu, Yu Pu A study of interfacing circuits of nanometer level sensors 7589
Zhang Shudan, Li Xiangguang, Lin Chuan, Fu Yizhu, Yao Changjin, Kang Xiaohu S-band silicon pulsed power transistor 53617
Zhang Shudan, Wang Yinsheng, Li Xiangguang, Chen Tonghua, Tan Weidong, Zheng Chengzhi, Liu Liuting, Chen Peidi 3 Watt C band silicon bipolar transistor with T-shaped electrode 2604
Zhang Shujian *see* Shujian Zhang
Zhang Shujun *see* Yu Xiling 10590
Zhang Shujun *see* Shujun Zhang
Zhang Shukui, Wen Guoqing, Zhou Pizhang, Man Yongzai, Peng Hansheng, Wang Qiangyue Chirped-pulse regenerative amplification of Ti:sapphire femtosecond laser pulses 23872
Zhang Shuming, Sun Changyin, Sai Xiaofeng, Zhu Li'an, Zou Wei, He Yimin, Gao Hongkai, Hou Xun Research on the GaAs transmission photocathode 12074
Zhang Shuming *see* Sun Changyin 12064
Zhang Shuming *see* Sun Changyin 12065
Zhang Shuping *see* Liu Xuan 37669
Zhang Shuqun *see* Shuqun Zhang
Zhang Shuzhang *see* Shuzhang Zhang
Zhang Sijing *see* Sijing Zhang
Zhang Suo-Chun Lagrange–saddle point algorithm for computing periodic solution 558
Zhang Tan-Xin *see* Huang Wen-Zhong 44354
Zhang Tao, Xu Xiangdong, Lu Zehua, Zhang Yongzhe State monitoring control and optimizing management system of heat networks using computer 29084
Zhang Tao *see* Cao Renfeng 29099
Zhang Teiqun *see* Teiqun Zhang
Zhang Tian-Cai, Hou Zhan-Jia, Wang Jun-Min, Xie Chang-De, Peng Kun-Chi Generation of intensity squeezing in laser diodes by weak external cavity feedback 44442
Zhang Tianjue *see* Xiao Meiqin 59178
Zhang Tianxu Visual nonlinearity characterized and goal driven image segmentation approach 35305
Zhang Tianxu *see* Tianxu Zhang
Zhang Tie-Chen *see* Gao Chun-Xiao 40310
Zhang Tiejun *see* Tiejun Zhang
Zhang Tiequn *see* Kang Hui 4148
Zhang Ting *see* Luo Ke-Jian 31993
Zhang Tong, Yang Fusheng, Tang Qingyu Separating deep and shallow dipole sources using higher spatial frequency components of the EEG 8062
Zhang Tong *see* Gu Changzhi 36741
Zhang Waifeng *see* Waifeng Zhang
Zhang Wang, Ji-Yuan Fan, Yu-Huai Shao Understanding transients: a conceptual interpretation 60839
Zhang Wang *see* Wang Zhang
Zhang Wanrong, Zeng Zheng, Luo Jinsheng Heterojunction barrier effects in Si/SiGe/Si double heterojunction bipolar transistor 11697
Zhang Wanrong, Zeng Zheng, Luo Jinsheng Temperatures characteristics of intrinsic carrier concentration, effective densities of states in strained $Si_{1-x}Ge_x$ layers 31891
Zhang Wei *see* Luo Ke-Jian 31993
Zhang Wei *see* Wu Xiangbing 1722
Zhang Wei *see* Wei Zhang
Zhang Weidong, Hao Yue Research of a Chinese terminal I/O port ASIC 53381
Zhang Weihong *see* Hou Zhijian 50561
Zhang Weili *see* Weili Zhang
Zhang Weilian, Yan Shuxia, Ji Zhijiang Effective segregation coefficient and steady state segregation coefficient of germanium in Czochralski silicon 30719
Zhang Weiming *see* Weiming Zhang
Zhang Weiping *see* Weiping Zhang
Zhang Weixiao *see* Weixiao Zhang
Zhang Weixing *see* Weixing Zhang
Zhang Weizai *see* Huang Zhaoming 14260
Zhang Wen *see* Liu Zhanwen 37169
Zhang Wen Xun *see* Wen Xun Zhang
Zhang Wenbi *see* Xiong Bingheng 14468
Zhang Wenbi *see* Yang Qimin 14469
Zhang Wenbi *see* Wenbi Zhang
Zhang Wenfeng *see* Wenfeng Zhang
Zhang Wenge *see* Wenge Zhang
Zhang Wenhui *see* Wu Xiangbing 1722
Zhang Wenjin *see* Wenjin Zhang
Zhang Wenxun *see* Ye Chunfei 14728
Zhang Wenxun *see* Wenxun Zhang
Zhang Wenzhi *see* Yan Yi 58465
Zhang Xi, Zhang Ke-Cun A homotopy interior algorithm for posynomial geometric programming 475
Zhang Xi *see* Sun Changqing 36785
Zhang Xi *see* Xi Zhang
Zhang Xi-Cheng *see* Xi-Cheng Zhang
Zhang Xian-Da *see* Xian-Da Zhang
Zhang Xiang *see* Xiang Zhang
Zhang Xiang-Dong, Wu Zhen-Sen, Wu Cheng-Ke A phase-perturbation technique for light scattering from randomly dielectric rough surfaces 58478
Zhang Xiangdong *see* Xiangdong Zhang
Zhang Xiangjiu *see* Lu Xuekun 32148
Zhang Xiangsu *see* Hsu Dahsiung 44794
Zhang Xiangsu *see* Xiangsu Zhang
Zhang Xianyou, Zhang Xiao Hong Study on the properties of the wollastonite short fiber–PVC cable insulation composition 11784
Zhang Xiao *see* Xu Changsheng 28087
Zhang Xiao Hong *see* Zhang Xianyou 11784
Zhang Xiao-Gang *see* Xiao-Gang Zhang
Zhang Xiaobo *see* Xiaobo Zhang
Zhang Xiaodong *see* Xiaodong Zhang
Zhang Xiaohai *see* Yu Gongxin 44819
Zhang Xiaohong *see* Xiaohong Zhang
Zhang Xiaolin *see* Ai Xin 60242
Zhang Xiaoming *see* Zhao Xingkang 28772
Zhang Xiaonan *see* Xiaonan Zhang
Zhang Xiaopin, Jacobsen, G. An improved Gaussian approximation for lightwave systems with significant post-detection filtering 47894
Zhang Xiaoping *see* Zhu Jiqian 30720
Zhang Xiaoqing Calculation of lightning transients in the steel constructions of high buildings 19381
Zhang Xiaoqiu *see* Shan Bing 17472
Zhang Xiaoru, Zeng Lieguang An SDH STM-1 termination IC 58059
Zhang Xiaowei *see* Xiaowei Zhang
Zhang Xiaoxing *see* Xiaoxing Zhang
Zhang Xiaoyang *see* Xiaoyang Zhang
Zhang Xiaoyou, Zhai Guofu, Ben Nongqi The study of on-line fault detection and diagnostics of the parallel-paired multibranch electric power lines 50317
Zhang Xiaoyu *see* Xiaoyu Zhang
Zhang Xiaoyuan *see* Sun Changqing 36785
Zhang Xijun *see* Xijun Zhang
Zhang Xing, Wang Yangyuan The total dose radiation characteristics of short channel CMOS/SIMOX devices 12963
Zhang Xinghu *see* Xinghu Zhang
Zhang Xingyu *see* Zhao Shengzhi 23859
Zhang Xingyu *see* Xingyu Zhang
Zhang Xinhua *see* Xu Jianxue 60662
Zhang Xinhua *see* Xinhua Zhang
Zhang Xinhui *see* Xinhui Zhang
Zhang Xinping, Wang Bohan, Liu Huaidong Analysis of electric discharge phenomena induced by particle in vacuum gap 13257
Zhang Xintong *see* Xintong Zhang
Zhang Xiu-Lan *see* Xiu-Lan Zhang
Zhang Xiuhua *see* Xiuhua Zhang
Zhang Xiulan *see* Wang Xiangyang 3383
Zhang Xiulan *see* Zhang Yufei 24238
Zhang Xiulan *see* Zhang Yufei 33712
Zhang Xiupu *see* Xiupu Zhang
Zhang Xiuzeng *see* Tong Guangqui 27402
Zhang Xiwen *see* Shi Xiaohong 1982
Zhang Xizhen *see* Yan Yihua 27120
Zhang Xu The development prospects of wavelength division multi-access communication network technology 16671
Zhang Xu Development prospects of VSAT communication networks 47869
Zhang Xudong *see* Cheng Wuzhu 4168
Zhang Xue-Yao *see* Xue-Yao Zhang
Zhang Xuebin *see* Shen Naicheng 13976
Zhang Xuehui *see* Xuehui Zhang
Zhang Xuemei *see* Xuemei Zhang
Zhang Xueru, Li Chunfei Temporal and spectral analysis of nonlinear optical pulse propagation in semiconductors 24184
Zhang Xuexia *see* Yu Tiejun 13524
Zhang Xuezhen *see* Liu Zhanwen 37169
Zhang Xuming *see* Xuming Zhang
Zhang Xuping The development of absorbing layer of piezoelectric ceramic ultrasonic transducers 55004
Zhang Ya-Qin *see* Ya-Qin Zhang
Zhang Yan, Ye YiZheng Timing verification for two-phase, level-clocked synchronous circuitry 53138
Zhang Yancao, Gong Jun, Zhou Nansheng Two-dimensional numerical analysis of self-aligned GaAs MESFET 2718
Zhang Yanchen *see* Hsu Dahsiung 44794
Zhang Yangjun *see* Chen Naixiang 29147
Zhang Yangkun *see* Yangkun Zhang
Zhang Yanwen, Ji Chengzhou, Li Guohui, Wang Wenxun Annealing behaviour of MeV $^{28}Si^{+}$ implant in GaAs by a two-step RTA 2300
Zhang Yanwen *see* Ji Chengzhou 2308
Zhang Yanwu *see* Yanwu Zhang
Zhang Yanxin *see* Chang Shengjiang 13749
Zhang Yanxin *see* Li Yuhua 5265
Zhang Yanxin *see* Yanxin Zhang
Zhang Yanzhi *see* Yu Jianping 14788
Zhang Yaohui *see* Sun Baoquan 22351
Zhang Yaokui *see* Yaokui Zhang
Zhang Yaoning *see* Xia Jinan 3941
Zhang Yaxin *see* Yaxin Zhang
Zhang Yazhou *see* Liu Jinliang 53983
Zhang Yeqing *see* Yeqing Zhang
Zhang Yerong, Qi Lanfen, Nie Zaiping, Ruan Yingzheng Reconstruction of inhomogeneous formation conductivity using distorted Born iterative method 58954
Zhang Yewen *see* Yewen Zhang
Zhang Yi *see* Yi Zhang
Zhang Yi-Mo *see* Yi-Mo Zhang
Zhang Yiaohui *see* Liu Wei 32456
Zhang Yibin *see* Guo Lihui 9546
Zhang Yimin, Pan Yuming, Xing Yuping, Wu Zhongyue Measure and research of load voltage static characteristics by existing telecontrol system 8982
Zhang Ying, Feng Chunbo Elimination of noise-induced biases in IIR adaptive filtering 56541
Zhang Yiping *see* Yiping Zhang
Zhang Yiqing The computerized automatic horizon control system with high precision 7264
Zhang Yiwei *see* Yiwei Zhang
Zhang Yixin, Chen Linghua, Zhu Tuo, Tang Zhengning Optical transfer function of noncoated paper 46396
Zhang Yong, Jiang Zlkang, Zhu Wei DK-II A type torsional vibration monitoring system [for turbogenerators] 29229
Zhang Yong *see* Shen Naicheng 13976
Zhang Yong *see* Yong Zhang
Zhang Yongan *see* Yongan Zhang
Zhang Yongguang *see* Yongguang Zhang
Zhang Yongxine *see* Pan Ziqiang 49818
Zhang Yongzhe *see* Zhang Tao 29084
Zhang You Yi *see* You Yi Zhang
Zhang You-Jie *see* Jiang Sheng-Yao 38540
Zhang Youjie *see* Jia Haijun 38497
Zhang Youjie *see* Wang Fei 38499
Zhang Yu A new method of measuring atmospheric variation with time–radiometer 56058
Zhang Yu-He *see* Yu-He Zhang
Zhang Yu-Hu *see* Xu Hu-Shan 18113
Zhang Yuancheng *see* Song Qian 4075
Zhang Yuanhong *see* Yuanhong Zhang
Zhang Yuanji *see* Yuanji Zhang
Zhang Yuanlu *see* Cui Xiang 51081
Zhang Yuanong *see* Song Qian 4075
Zhang Yuanyuan Ferrite material for use in phase shifters of phased array radar 58470
Zhang Yuefeng *see* Yuefeng Zhang
Zhang Yueping, Pan Shoukui, Shao Zhengzhong, Kong Dejun Properties of MNBA-Et (4'-nitrobenzylidene, 3-ethylcarbonylamino, 4-methoxyaniline) melt 10668
Zhang Yufei, Deng Daoqun, Zhang Xiulan, Fen Baohua, Zhang Dongxian, Xu Zuyan A Ti:sapphire laser injection-seeded BBO optical parametric oscillator with high efficiency and narrow bandwidth output 24238
Zhang Yufei, Deng Daoqun, Zhang Xiulan, Feng Baohua, Zhang Dongxiang, Xu Zuyan, Wang Xianyun, Zhang Zhaochen Numerical simulations and experimental research of OPO threshold reduction and conversion efficiency improvement via injection-seeding 33712
Zhang Yuheng *see* Tang, H.X. 3294
Zhang Yuheng *see* Yuheng Zhang
Zhang Yuhui *see* Li Tianyun 38797
Zhang Yuli *see* Yuli Zhang
Zhang Yulin *see* Yulin Zhang
Zhang Yun *see* Wang Shujun 29589
Zhang Yun *see* Yun Zhang
Zhang Yundong *see* Huang Wei 24071
Zhang Yuquan *see* Wu Jianzhou 24069
Zhang Yutang *see* Li Dezhong 38500
Zhang Yuxia *see* Yuxia Zhang
Zhang Yuzhi *see* Yuzhi Zhang
Zhang Ze *see* Bao Ximao 42403
Zhang Ze *see* Ze Zhang
Zhang Zhaochen *see* Zhang Yufei 33712
Zhang Zhaofeng *see* He Liquan 53543
Zhang Zhaokui *see* Zhaokui Zhang
Zhang Zhaoqun *see* Pei Min 44803
Zhang Zhaoqun *see* Zhaoqun Zhang
Zhang Zhen *see* Zhen Zhang
Zhang Zhenchuan *see* Wang Yuexian 26220
Zhang Zheng *see* Zheng Zhang
Zhang Zhengquan *see* Xu Bing 33461
Zhang Zhengquan *see* Zhengquan Zhang
Zhang Zhengsong, Mu Huaping Limit cycle characteristics analysis of oil film instability whirl with Hopf bifurcation method [electric machine rotors] 29230
Zhang Zhengsong *see* Chu Fulei 29232
Zhang Zhengsong *see* Chu Fulei 29234
Zhang Zhengsong *see* Fang Zenan 29207
Zhang Zhengsong *see* Fang Zenan 29233
Zhang Zhengsong *see* Xu Feng 29235
Zhang Zhengyou *see* Zhengyou Zhang
Zhang Zhengyuan, Zhou Zhongjian Hoisting mechanism speeding through planetary transmission driven by two squirrel-cage motors 39295
Zhang Zhige *see* Zhige Zhang
Zhang Zhimin *see* Zhimin Zhang
Zhang Zhisheng, Hu Ming, Liu Zhigang, Wang Wensheng, Bai Huazhen, Wang Congxiu Magnetoresistive effect and a magneto position sensor 17319
Zhang Zhong Sheng *see* Xiang Lan Xiang 48725
Zhang Zhongfei *see* Zhongfei Zhang
Zhang Zhonghua, Wang Xiaochao, Wang Dengan, Li Xianjie, He Qing, Ruan Yongshun A determination of the SI value of QHR by the cross-capacitor in NIM 17148
Zhang Zhonghua *see* Chen Zhou 28818
Zhang Zhonghua *see* Chen Zhou 28819
Zhang Zhonghua *see* Zhonghua Zhang
Zhang Zhongwei *see* Chen Mingbo 38990
Zhang Zhongyi *see* Zhongyi Zhang
Zhang Zhongying *see* Zhongying Zhang
Zhang Zijing, Zhang Hao, Wu Huan The dechirp method for countering the velocity-gate pull off 38181

Zhang Zongdu, Shen Yaozhong Some technical problems of the high precision magnetic-suspension electronic balance 48759
Zhang Zuying *see* Lu Ying 58971
Zhang Zuying *see* Zuying Zhang
Zhang-Da Lin *see* Lin Zhang-Da
Zhang-Qi Guo *see* Guo Zhang-Qi
Zhangda Lin *see* Kuroda, T. 42931
Zhangda Lin *see* Lee, S.-T. 21292
Zhangda Lin *see* Yan Chen 10920
Zhanghai Chen *see* Chen Zhanghai
Zhangqi Wang *see* Wang Zhangqi
Zhangquo Wan *see* Wan Zhangquo
Zhanguo Wang *see* Wei Chen 44210
Zhanguo Wang *see* Wang Zhanguo
Zhangyou Chen *see* Chen Zhangyou
Zhangyuan Yu *see* Yu Zhangyuan
Zhangzhuo Dong *see* Dong Zhangzhuo
Zhanqing Li, Cihlar, J., Xingnian Zheng, Moreau, L., Hung Ly The bidirectional effects of AVHRR measurements over boreal regions 18802
Zhanwen Liu *see* Liu Zhanwen
Zhanyi Hu *see* Hu Zhanyi
Zhao, A. *see* Ma, D.X. 54530
Zhao, A. *see* Ye, Y. 54477
Zhao, B., Biberger, A., Hoffman, V., Wang, S.-Q., Vasudev, P.k., Seidel, T.E. Single step PVD planarized aluminum interconnect with low-ε organic ILD for high performance and low cost ULSI 2438
Zhao, B., Biberger, M.A., Hoffman, V., Wang, S.-Q., Vasudev, P.K., Seidel, T.E. A novel sub-half micron Al-Cu via plug interconnect using low dielectric constant material as inter-level dielectric 22622
Zhao, B., Biberger, M.A., Hoffman, V., Wang, S.-Q., Vasudev, P.K., Seidel, T.E. Low temperature and low cost planarised aluminium interconnect for sub-half micrometre VLSI circuits 32242
Zhao, B., Biberger, M.A., Hoffman, V., Wang, S.-Q., Vasudev, P.K., Seidel, T.E. A novel low temperature PVD planarized Al-Cu process for high aspect ratio sub-half micron interconnect 42664
Zhao, B., Wang, S.-Q., Anderson, S., Lam, R., Fiebig, M., Vasudev, P.K., Seidel, T.E. On advanced interconnect using low dielectric constant materials as inter-level dielectrics 42682
Zhao, B. *see* Dubin, V.M. 42751
Zhao, B. *see* Seidel, T. 42737
Zhao, C.Z., Liu, E.K., Li, G.Z., Gao, Y., Guo, C.S. Zero-gap directional coupler switch integrated into a silicon-on insulator for 1.3-μm operation 3438
Zhao, C.Z., Liu, E.K., Li, G.Z., Li, N., Guo, L. Silicon raised strip waveguides based on silicon and silicon dioxide thermal bonding 44016
Zhao, D. *see* Zhao, H. 48582
Zhao, D.P., Kuffel, E. Experimental investigation of ageing effect on the dielectric performance of FRP sticks 2972
Zhao, G. *see* Bao, K.X. 40470
Zhao, H., Li, N., Zhao, D. Analysis of the optimum gain of the APD in DART 48582
Zhao, H., Mathur, A., Major, J.S., Jr., Welch, D. High-power 1.5-μm broad-area laser diodes 3849
Zhao, H., Turner, I.W. An analysis of the finite-difference time-domain method for modeling the microwave heating of dielectric materials within a three-dimensional cavity system 61336
Zhao, H., Uebayashi, S. A hybrid ARQ scheme for DS-CDMA mobile data communications 47632
Zhao, H. *see* Gulgazov, V.N. 23946
Zhao, H. *see* Li, X. 36641
Zhao, H. *see* Pezeshki, B. 14104
Zhao, H.L. *see* Yin, W.Y. 24461
Zhao, H.W. *see* Bie, Q.S. 43661
Zhao, J., Wang, A., Abbaspour-Sani, E., Yun, F., Green, M.A. Improved efficiency silicon solar cell module 29640
Zhao, J., Zhang, Q.M., Wenwu Cao Effects of face plates and edge strips on hydrostatic piezoelectric response of 1-3 composites 2899
Zhao, J. *see* Altermatt, P.P. 51559
Zhao, J. *see* Enslin, J.H.R. 8757
Zhao, J. *see* Shawe-Taylor, J. 53484
Zhao, J. *see* Wu, R. 23571
Zhao, J.-H., Wang, A., Abbaspour-Sani, E., Yun, F., Green, M.A., King, D.L. 22.3% efficient silicon solar cell module 39159
Zhao, J.H. *see* Burke, T. 32386
Zhao, J.H. *see* Burke, T. 51401
Zhao, J.H. *see* Madsen, C.K. 33064
Zhao, J.H. *see* Madsen, C.K. 33212
Zhao, J.H. *see* Shi, Y. 32002
Zhao, J.H. *see* Yan Shi 17353
Zhao, J.P., Wang, X., Chen, Z.Y., Yang, S.Q., Shi, T.S., Liu, X.H. Overall energy model for preferred growth of TiN films during filtered arc deposition 40630
Zhao, J.W. *see* Zhang, Z.P. 7798
Zhao, J.X. A column recurrence algorithm for solving linear least squares problem 529
Zhao, L., Cangellaris, A.C. GT-PML: generalized theory of perfectly matched layers and its application to the reflectionless truncation of finite-difference time-domain grids 24443
Zhao, L. *see* Snoeks, E. 52685
Zhao, M. *see* Lai, L.L. 50426
Zhao, M. *see* Lai, L.L. 50661
Zhao, N., Wu, H.M. MUSCL type schemes and discrete entropy conditions 21185
Zhao, Q. *see* Mangum, B.W. 27206
Zhao, Q.-L. *see* McCalley, J.D. 60311
Zhao, Q.X., Oestreich, M., Magnea, N. Electron and hole g-factors in CdTe/CdMgTe quantum wells 12411
Zhao, Q.X. *see* Lundstrom, T. 2129
Zhao, R.W. *see* Xiu-Feng Han 43628
Zhao, T., Sakich, J. Salt fog aging tests on non-ceramic insulators and fog chamber data acquisition system 38401
Zhao, T. *see* Sebo, S.A. 32736
Zhao, T. *see* Sui, Y.C. 32877
Zhao, T.X. *see* Nopp, P. 18463
Zhao, W. *see* Asano, S. 26179
Zhao, X. *see* Bai, M. 59148
Zhao, X. *see* Engstrom, M. 59305
Zhao, X.D., Yamamoto, H., Taniguchi, K. Theoretical study of resonance phenomena in n-fold non-periodic barrier structures 22419
Zhao, X.G. *see* Sui, Y.C. 32877
Zhao, Y., Jurkovic, M.J., Wang, W.I. Characterization of AuGe- and AuTe-based ohmic contacts on InAs n-channel high electron mobility transistors 54677
Zhao, Y., Wang, Y. The substructure-front method for three-dimensional electromagnetic field computation 33800
Zhao, Y. *see* Abbott, A.L. 25480
Zhao, Y. *see* Adan, I. 10252
Zhao, Y. *see* Chau, K.H.-L. 13159
Zhao, Y. *see* Knudson, A.R. 23084
Zhao, Y. *see* Palmer, R.B. 17966
Zhao, Y. *see* Sharma, R. 14947
Zhao, Y. *see* Stevenson, J.D. 9002
Zhao, Y.-G., McInerney, J.G. Transverse-mode control of vertical-cavity surface-emitting lasers 3819
Zhao, Y.-P. *see* Yang, G.-R. 32212
Zhao, Y.J. *see* Zhong, J.C. 33563
Zhao, Y.P. *see* Chen Xiaojian 1721
Zhao, Z. *see* Chan, H.L.W. 54937
Zhao, Z.-S. An introduction to high speed transmission systems and related devices in China 26765
Zhao, Z.X. *see* Nie, J.C. 13484
Zhao Bairu *see* Huang Mingqiang 32908
Zhao Beijun *see* Liu Jun 22343
Zhao Beijun *see* Zhu Shifu 10628
Zhao Bin *see* Zhou Zhixin 60082
Zhao Bin *see* Bin Zhao
Zhao Bing *see* Bing Zhao
Zhao Binghui *see* Cao Qing 879
Zhao Cangsang *see* Cangsang Zhao
Zhao Chongde, Zhu Tiancheng, Wu Jiajian, Shi Qingyu Applications of nuclear track membranes in clinical practice 37210
Zhao Chuandong *see* Chuandong Zhao
Zhao Chuihui *see* Wu Yanwei 37744
Zhao Chunhe *see* Chunhe Zhao
Zhao Ci *see* Hu Hongzhang 3427
Zhao Daomu *see* Daomu Zhao
Zhao Dazun *see* Tan Manqing 13794
Zhao Dazun *see* Zhao Hongzhi 13849
Zhao Dazun *see* Dazun Zhao
Zhao Ding *see* Ding Zhao
Zhao Dongming *see* Dongming Zhao
Zhao Feng, Li Xiaou, Geng Wanzhen, Jiang Lingzhen, Hong Jing A new type of photopolymer system for holography 44825
Zhao Feng *see* Wang Guicheng 7828
Zhao Feng *see* Xie Rongsheng 59102
Zhao Feng *see* Feng Zhao
Zhao Futao, Du Wei, Xu Yiheng, Hu Zhiren Programmable logic controller applied in steam generators water levels 38507
Zhao Fuying *see* Fuying Zhao
Zhao Gongyun *see* Gongyun Zhao
Zhao Guizhi *see* Xiao Detao 37477
Zhao Guo-Nan *see* Guo-Nan Zhao
Zhao Hao, Ging Heo, Lin Bin, Chen Gaoting, Chen Xinzhi, Fang Zujie, Ni Guoquan, Zhou Rufang, Zhai Huajing Experimental study on photorefractivity in hydrogen-loaded fibers with 193 nm light 3382
Zhao Heshu *see* Lu Zhongrong 28489
Zhao Hong *see* Tian Feng 27909
Zhao Hongkang Mesoscopic transport through a multi-terminal quantum dot system 42210
Zhao Honglin *see* Pan Ji 3414
Zhao Honglin *see* Zhao Xianming 6034
Zhao Hongwei *see* Liu Zhanwen 37169
Zhao Hongwei *see* Hongwei Zhao
Zhao Hongzhi, Li Naiji, Zhao Dazun Analysis of the optimum gain of APD in distributed fiber temperature sensors 13849
Zhao Hongzhi, Zhao Yang Improved signal processing method for heterodyne interferometer 35325
Zhao Hua, Zhou Zhongxiang, Li Yan, Xu Kebin, Zhang Jingwen, Wang Jiyang, Chen Huanchu Self-enhancement and the photo-induced macroscopic field in self-pumped phase conjugators 33715
Zhao Hua *see* Hua Zhao
Zhao Huafeng *see* Jin Xiaodan 7383
Zhao Huawei *see* Huawei Zhao
Zhao Huijuan, Niu Hanben The theoretical analysis of the lock-on effect in photoconductive semiconductor switches 44252
Zhao Jian-Ming, Li Min-Qian, Pan Jin-Fang, Wang Jun-Min, Sun Meng-Jia Investigation of MBG holograms under the optimum condition 44791
Zhao Jianlong, Xia Guanqun, Fan Heng, Yang Guohong The design of GaAs digital IC I/O interface circuits 11254
Zhao Jianming *see* Sun Mengjia 33761
Zhao Jianming *see* Jianming Zhao
Zhao Jianzhong *see* Jianzhong Zhao
Zhao Jin *see* Jin Zhao
Zhao Jing *see* Jing Zhao
Zhao Jingjun *see* Ding Yaogen 53990
Zhao Jinsong *see* Gao Baoxin 1735
Zhao Julian *see* Li Jiaxu 36581
Zhao Jun *see* Wu Yusheng 50371
Zhao Junguo *see* Junguo Zhao
Zhao Junwei, Ding Wei, Yan Yisheng, Zhao Richang, Wang Rongqing, Wang Zhicheng Experimental research on underwater target scattering properties for separated source and receiver 58492
Zhao Junwei *see* Yang Xiao Dong 53074
Zhao Keyu *see* Keyu Zhao
Zhao Li Migration from FPGA to gate array 53147
Zhao Li *see* Li Zhao
Zhao Lian-Chang *see* Lian-Chang Zhao
Zhao Liang *see* Liang Zhao
Zhao Ling *see* Ling Zhao
Zhao Linzhi *see* Wang Haihong 823
Zhao Liping *see* Wang Jianhua 25323
Zhao Lixing *see* Lixing Zhao
Zhao Lu *see* Zhao Shengzhi 23859
Zhao Lu *see* Lu Zhao
Zhao Mingjun *see* Mingjun Zhao
Zhao MingZhou *see* MingZhou Zhao
Zhao MingZou *see* MingZou Zhao
Zhao Muyu *see* Peng Zuoyan 48715
Zhao Peiji *see* Peiji Zhao
Zhao Qi *see* Wang Jiawang 48129
Zhao Qi *see* Qi Zhao
Zhao Qing-Zhong *see* Xu Hu-Shan 18113
Zhao Qingju *see* Zeng Jiyong 44815
Zhao Qingran *see* He Youping 13536
Zhao Qingtai *see* Xi Xuemei 12680
Zhao Qlang *see* Qlang Zhao
Zhao Qun *see* Qun Zhao
Zhao Richang *see* Zhao Junwei 58492
Zhao Rongchun *see* Long Puhui 5440
Zhao Ruilin *see* Ruilin Zhao
Zhao Ruwen *see* Pan Hongge 23296
Zhao Shanqi *see* Peng Zuoyan 48715
Zhao Shengzhi, Wang Qingpu, Zhang Xingyu, Wang Songtao, Zhao Lu, Sun Lianke, Zhang Shaojun Study on intracavity-doubling of a new low-threshold high efficiency Nd:$Sr_5(PO_4)_3F$ crystal 23859
Zhao Shengzhi *see* Shengzhi Zhao
Zhao Shuqing, Liu Mei, Xu Rongqing Applications of fast algorithm in SAR signal processing 58431
Zhao Shuquan *see* Jiang Jianling 37299
Zhao Souan, Pun, E.Y.B., Chung, P.S. Effect of annealing on proton-exchanged $LiNbO_3$ waveguides fabricated using stearic acid 23546
Zhao Texiu *see* Ji Hang 32209
Zhao Texiu *see* Texiu Zhao
Zhao Tian-Xian *see* Tian-Xian Zhao
Zhao Ticheng, Yan Jun, Duan Hailan, Qin Lijuan, Wang Zugeng Study of one-photon writing with two-photon reading in spiropyran films 3324
Zhao Tiemin *see* Peng Yuheng 14162
Zhao Tiesong *see* Yu Yan 43711
Zhao Wang *see* Wang Zhao
Zhao Wei *see* Wei Zhao
Zhao Wenyi *see* Wenyi Zhao
Zhao Xianming, Zhou Tingxian, Zhao Honglin, Lu Qun Convolutional coding for HF radio telemetry system 6034
Zhao Xiao-Dong *see* Xiao-Dong Zhao
Zhao Xiao-Jiang *see* Ma Dong-Ge 44284
Zhao Xiaofeng, Xu Hongjie Status and development of synchrotron radiation light sources 36994
Zhao Xiaoming *see* Ding Tianhuai 29236
Zhao Xingkang, Li Mingjie, Chen Yuanwen, Zhang Xiaoming Present status and prospect of security and stability control devices in Sichuan power system 28772
Zhao Xinmin *see* Xinmin Zhao
Zhao Xinrong *see* Xinrong Zhao
Zhao Xinwei *see* Xinwei Zhao
Zhao Xiongwen, Xie Yixi, Guo Changshun The study of XPD and CPA statistical distribution by computer simulation 14695
Zhao Xiongyan *see* Wang Congfangg 33610
Zhao Xisheng *see* He Xingdao 44775
Zhao Xiuke, Chen Qianhong, Chen Wei Analysis and realization of a power factor correction circuit 28759
Zhao Xiushan, Tan Kexiong, Zhu Deheng, Li Fuqi Study on digital measurements for dielectric loss angle 17738
Zhao Xudong *see* Xudong Zhao
Zhao Xueqing *see* Wang Feng 24035
Zhao Yan *see* Wu Yanjun 59431
Zhao Yang, Chen Meijun, Qu Minxing An improved algorithm for 3D eddy current analysis based on A, V-A_s-ψ potentials 14531
Zhao Yang *see* Zhao Hongzhi 35325
Zhao Yang *see* Yang Zhao
Zhao Yangping *see* Yangping Zhao
Zhao Yannan *see* Liu Ling 53482
Zhao Yannan *see* Yannan Zhao
Zhao Yanyu *see* Yanyu Zhao
Zhao Yi-Jun *see* Yi-Jun Zhao
Zhao Yigong *see* Wang Lijun 5266

Zhao Yigong *see* Wang Lijun 5267
Zhao Yijun *see* Jiang Zhiping 3960
Zhao Yilin *see* Yilin Zhao
Zhao Yimin A single port receiver spatial spectrum estimate DF system 34835
Zhao Ying *see* Ying Zhao
Zhao Yingjie *see* Feng Zhenghe 11672
Zhao Yingjie *see* Yingjie Zhao
Zhao Yiqiang, Tong Mei, Sun Shiqian Decomposition of nonsinusoidal instantaneous currents and power in three-phase systems 8716
Zhao Yong, Yang Mingzhong Study on intellectualizing decision of mechanical transmission plan design 20795
Zhao Yong *see* Campbell, K. 39608
Zhao Yong *see* Yong Zhao
Zhao Yong-Kuan *see* Huang Wen-Zhong 44354
Zhao Yongdong *see* Yongdong Zhao
Zhao Yongsheng *see* Yongsheng Zhao
Zhao Yougiun, Wang Mingjuan, Li Jiang, Du Pingguo Improved via holes and plating of GaAs MESFET using scanning electron microscope 54707
Zhao Youping *see* Gong Ke 36075
Zhao Yu, Zhang Qiong, Xiang Hui, Shi Jiaoying, He Zhijun A simplified model for generating 3D realistic sound in the multimedia and virtual reality systems 16404
Zhao Yu-Cheng, Jiang Shui-Sheng, An Gui-Ren, Li Li, Ge Huang, Wang Wei A new method for fabrication of chirped fiber gratings 43938
Zhao Yuanping, Fang Longsen ISP solution for radar video processing: resolution improvement and side-lobe cancellation 58498
Zhao Yuanzhe, Liu Zhijing, Song Li Analysis of the VHDL model structure and its applications 40818
Zhao Yubiao, Liu Zengji Performance analysis of shared buffer ATM switching 5754
Zhao Yuelong, Zhang Jiangling, Wang Zhenghua, Jin Hai, He Yanong A design of the disk array controller 13457
Zhao Yunlong, Wu Zhaohui, Zhai Pengji, Huang Qiuhong, Wang Bing, Hu Ruiying Uranium standard glass used for fission track calibration 37476
Zhao Yunxin *see* Yunxin Zhao
Zhao Yuxing *see* Yuxing Zhao
Zhao Zhe *see* Zhe Zhao
Zhao Zheming *see* Zheming Zhao
Zhao Zhengxu *see* Zhengxu Zhao
Zhao Zhimin, Lin Youyi, Yu Hongmin Application of the synthetic holographic interferometry in real-time measurement 44820
Zhao Zhixiang *see* Zhixiang Zhao
Zhao Zhiyong *see* Sun Yuanzhang 38280
Zhao Zhongxian *see* Huang Mingqiang 32908
Zhao Zhongxian *see* Zhou Yaqin 36957
Zhao Zhuxing *see* Zhuxing Zhao
Zhao-Hui Guo *see* Guo Zhao-Hui
Zhao-Ming Qian *see* Xiangning He 29404
Zhao-Qi Wang *see* Guo-Guang Mu 24277
Zhao-Xing Ren *see* Ming-Rong Shen 915
Zhao-Yuan Ning *see* Ming-Rong Shen 915
Zhaochen Zhang *see* Zhang Zhaochen
Zhaoda Zhu Progress in studies on ISAR signal processing methods in NUAA 8642
Zhaoda Zhu *see* Jianjiang Zhou 6915
Zhaoda Zhu *see* Wei Yan 4691
Zhaoda Zhu *see* Zhishun She 6928
Zhaodun Meng *see* Meng Zhaodun
Zhaofei Xiong *see* Xiong Zhaofei
Zhaofeng Huang Conditional reliability lower bound for Weibull distribution without estimating shape parameter 52354
Zhaofeng Zhang *see* Zhang Zhaofeng
Zhaog Yee-Lu *see* Yee-Lu Zhaog
Zhaogen Xu *see* Xu Zhaogen
Zhaogu Cheng *see* Cheng Zhaogu
Zhaoheng Weng *see* Weng Zhaoheng
Zhaohu Song *see* Song Zhaohu
Zhaohua Huang *see* Huang Zhaohua
Zhaohua Qian *see* Qian Zhaohua
Zhaohua Xiao, Engstrom, O. An optical modulator prepared by silicon micromachining and thermal bonding 44081
Zhaohui Li, Verge, M., Jaume, D. A highly reliable intelligent control strategy for hydro-turbine governing systems 60570
Zhaohui Li, Verge, M., Jaume, D. Model based fault detection for hydro turbine governing systems 60572
Zhaohui Wang, Davari, S., Collins, G., Wei Zhao Asynchronous mode of FDDI for real-time multimedia communication 6133
Zhaohui Wu *see* Wu Zhaohui
Zhaohui Yan, Yih-Chyun Jenq Performance analysis of a Banyan based ATM switching fabric with packet priority 46658
Zhaohui Zeng, Zhou, E., Liang, D.T.W. A new flux weakening control algorithm for interior permanent magnet synchronous motors 50934
Zhaohui Zheng *see* Zheng Zhaohui
Zhaojian Hong *see* Jun Yu 43584
Zhaojing Zhou, Jie Cheng, Zhongqi Xing, Lujing Cai A fast MEM algorithm for high resolution direction spectrum estimation 34804
Zhaojun Bai, Fahey, M., Golub, G. Some large-scale matrix computation problems 584
Zhaojun Lin *see* Wei Chen 44210
Zhaokui Zhang *see* Ruibo Lu 55316
Zhaoming Huang *see* Huang Zhaoming
Zhaoming Pu *see* Jianping Yin 7664
Zhaonian Li, Chen Wu, Litva, J. A study of the frequency adjustable cylindrical and ring dielectric resonator antennas 34335
Zhaopeng Xu *see* Xu Zhaopeng
Zhaoqi Bi *see* Bi Zhaoqi
Zhaoqi Bian *see* Hui Peng 25332
Zhaoqi Zeng *see* Zeng Zhaoqi
Zhaoqing Chen *see* Jiayuan Fang 41355
Zhaoqing Chen *see* Yuzhe Chen 1763
Zhaoqun Zhang *see* Lei Xu 44808
Zhaoqun Zhang *see* Zhang Zhaoqun
Zhaowen Zhuang *see* Shunping Xiao 6926
Zhaowen Zhuang *see* Shunping Xiao 8647
Zhaowen Zhuang *see* Xuesong Wang 6927
Zhaowen Zhuang *see* Xuesong Wang 8648
Zhaowen Zhuang *see* Zhuang Zhaowen
Zhaoxiang Wang *see* Biying Huang 9526
Zhaoyan Liu *see* Liu Zhaoyan
Zhaoyang Sun *see* Sheng Wu 24128
Zhaoyi Lu *see* Lu Zhaoyi
Zhaoying Zhou *see* Wengong Shi 50247
Zhaoying Zhou *see* Zhou Zhaoying
Zharii, O.Yu. Nonclassical mixed boundary-value problems of elastodynamics arising in mathematical modelling of ultrasonic motors 19779
Zharikov, E.V. *see* Moncorge, R. 3991
Zharikov, E.V. *see* Verezub, N.A. 21219
Zharkov, V.V. *see* Belikov, S.V. 28029
Zhavoronkov, N.I. *see* Avtukh, A.S. 44433
Zhbanov, A.I. *see* Gulyaev, Yu.V. 53953
Zhdan, P.A. *see* Castle, J.E. 48898
Zhdanov, V.S. *see* Galstjan, E.A. 53978
Zhdanovich, N.S. Unusual absorption "band" in the infrared spectrum of silicon annealed at high temperature and then rapidly cooled 41834
Zhe Chen *see* Yubo Pei 49925
Zhe Chen *see* Chen Zhe
Zhe Ning, Moyne, J.R., Smith, T., Boning, D., Del Castillo, E., Jinn-Yi Yeh, Hurwitz, A. A comparative analysis of run-to-run control algorithms in the semiconductor manufacturing industry 30184
Zhe Shen *see* Shen Zhe
Zhe Zhao *see* Reeves, S.J. 15389
Zhe-Shen Li *see* Xian-An Cao 32369
Zhe-Shen Li *see* Xun Wang 2357
Zhe-Xian Wan *see* Forney, G.D., Jr. 24699
Zheglov, A.V. *see* Bulatov, O.G. 51127
Zhejun Yuan *see* Yuan Zhejun
Zhelesko, Y.S. *see* Robert, A. 8733
Zheleva, T. *see* Bremser, M.D. 21270
Zheleva, T. *see* Perry, W.G. 54090
Zhelezin, A.A., Kol'tsov, I.M., Komarov, A.A., Rybin, V.M., Sobolev, S.S. Measurement information system for tunable lasers 3957
Zheleznov, V.I. *see* Vanyakin, A.V. 44186
Zheleznov, V.S., Kryakovskii, B.S., Maslov, E.P. On a problem of interception 40008
Zheleznyi, V.B. *see* Plekhanov, A.V. 14538
Zheleznykh, I.M. *see* Sadygov, Z.Y. 37296
Zheltikov, A.M., Koroteev, N.I., Naumov, A.N., Sidorov-Biryukov, D.A. Coherent ellipsometry of atomic resonances in the spectrum of three-color four-wave mixing in a plasma of optical breakdown 4057
Zheltikov, A.M. *see* Akimov, D.A. 3337
Zheltikov, A.M. *see* Akimov, D.A. 14346
Zheltikov, A.M. *see* Akimov, D.A. 43903
Zheltikov, A.M. *see* Fedotov, A.B. 14372
Zheltonozhskii, V.A. *see* Bondar'kov, M.D. 28030
Zheltov, S.N. *see* Mourokh, L.G. 22191
Zheltov, S.Yu. *see* Visilter, Y.V. 15933
Zheludev, N.I. *see* Bennett, P.J. 17828
Zheludev, N.I. *see* Bennett, P.J. 32972
Zheludev, N.I. *see* Popov, S.V. 24189
Zheming Wang *see* Wang Zheming
Zheming Zhao, Bhushan, B. Effect of bonded lubricant films on the tribological performance of magnetic thin-film rigid disks 55051
Zheming Zhao *see* Bhushan, B. 32837
Zhen, J.L., Lewis, M.A., Tan, K.-H. Towards universal access to robotic resources 35755
Zhen Chen *see* Chen Zhen
Zhen Ding, Lang Hong Development of a distributed IMM algorithm for multi-platform multi-sensor tracking 24964
Zhen Li *see* Li Zhen
Zhen Ming *see* Jia Jianyuan 48926
Zhen Ren *see* Ren Zhen
Zhen Wang, Kawakami, A., Uzawa, Y. NbN/AlN/NbN tunnel junctions with high current density up to 54 kA/cm^2 23401
Zhen Wang *see* Tonouchi, M. 43765
Zhen Xu *see* MingZhou Zhao 54902
Zhen Zhang *see* Qingchong Liu 46671
Zhen-Bo Deng *see* Deng Zhen-Bo
Zhen-Chun Huang *see* Huang Zhen-Chun
Zhen-Dang Wang *see* Da-Peng Yan 35241
Zhen-Kang Shen *see* HaiXin Chen 4979
Zhen-Li Ji *see* Berggren, K.-F. 2217
Zhen-Pei Chen *see* Hong-Jun Su 57155
Zhen-Sen Wu *see* Wu Zhen-Sen
Zhen-Shun Sha The improvement on falling needle viscometer [with Hall magnetic sensor] 48499
Zhen-Xian Liang, Wei Shi, Jun Feng, Chuan-Xiang Xu Optically activated charge domain model for high-gain GaAs photoconductive switches 44236
Zhen-Xiang Han Education for electric power engineering in China 9927
Zhen-Xin Yu *see* Yu Zhen-Xin
Zhen-Ya He *see* Xiao-Jiao Tao 6988
Zhen-Zhong Qi *see* Qi Zhen-Zhong
Zhenan Bao, Dodabalapur, A., Lovinger, A.J. Soluble and processable regioregular poly(3-hexylthiophene) for thin film field-effect transistor applications with high mobility 22794
Zhenan Bao *see* Bao Zhenan
Zhenan Tang, Lie-Yi Sheng, Chan, P.C.H., Sin, J.K.O. A CMOS compatible integrated gas sensor 36787
Zhenan Tang *see* Fung, S.K.H. 13161
Zhenbiao Li *see* Li Zhenbiao
Zhenbo Jiang *see* Jiang Zhenbo
Zhenbui Tan *see* Tan Zhenbui
Zhencai Zhu *see* Zhu Zhencai
Zhenchuan Zhang *see* Zhang Zhenchuan
Zhendong Jin *see* Jin Zhendong
Zheng, B.Z. *see* Xu, Z.Y. 2215
Zheng, C.E. *see* Bollanti, S. 13937
Zheng, D., Constable, J.H. Analysis of electrical resistance monitoring of PCMCIA interconnection failures 205
Zheng, D., Xiang, H. A maximum mean power estimate algorithm for symbol synchronization 34511
Zheng, D.W., Gen, M., Ida, K. Evolution program for nonlinear goal programming 477
Zheng, D.W., Huang, Y.P., He, Z.J., Li, A.Z., Tang, T.A., Kwor, R., Cui, Q., Zhang, X.J. Microstructure, heat treatment, and oxidation study of porous silicon formed on moderately doped p-type silicon 32161
Zheng, F.-C. Coupling cancellation based multiuser detector for asynchronous DS/CDMA 46675
Zheng, G., Campbell, M., Wallace, P.A. Length-division-sensitive, birefringent fibre FMCW remote strain sensor 17458
Zheng, G., Campbell, M., Wallace, P.A. Sagnac birefringent fibre strain sensor with FMCW technique 36588
Zheng, G., Campbell, M., Wallace, P.A., Holmes-Smith, A.S. FMCW birefringent fiber strain sensors based on Sagnac rings 27620
Zheng, G., Campbell, M., Wallace, P.A., Holmes-Smith, A.S. Single-piece-fiber FMCW remote strain sensor with environment-insensitive lead-in and lead-out fibers 36624
Zheng, G., Campbell, M., Wallace, P.A., Holmes-Smith, A.S. Distributed FMCW reflectometric birefringent fiber stress sensor 48593
Zheng, G. *see* Campbell, M. 17459
Zheng, G. *see* Campbell, M. 36587
Zheng, G. *see* Campbell, M. 36622
Zheng, G. *see* Campbell, M. 48583
Zheng, G. *see* Campbell, M. 58803
Zheng, G.Z. *see* Kun Liu 31807
Zheng, G.Z. *see* Kun Liu 54078
Zheng, H. *see* Vinter, R. 40116
Zheng, H.Y. *see* Chen, Y.H. 32329
Zheng, I. *see* Ramer, J.C. 21275
Zheng, J. *see* Gabriel, C. 54480
Zheng, J. *see* Saquib, S. 57315
Zheng, J.-Z., Tan, D., Chew, P., Chan, L. Characterization and in-line control of UV-transparent silicon nitride films for passivation of FLASH devices 41144
Zheng, J.-Z. *see* Chooi, S.Y.M. 54518
Zheng, J.C. *see* Pigini, A. 8923
Zheng, J.P., Jow, T.R. High energy and high power density electrochemical capacitors 29518
Zheng, J.P. *see* Xiao Feng 29089
Zheng, K., Steele, B.C.H., Sahibzada, M., Metcalfe, I.S. Solid oxide fuel cells based on $Ce(Gd)O_{2-x}$ electrolytes 29626
Zheng, K. *see* Brown, J. 12541
Zheng, K. *see* Zhang, L. 12785
Zheng, L. *see* Lavine, J.P. 12663
Zheng, M., Coates, R.F.W., Wang, L., Stoner, R. Underwater acoustic communication utilising parametric transduction with M-ary DPSK modulation 36202
Zheng, M., Coates, R.F.W., Wang, L., Stoner, R. Underwater acoustic communication utilising parametric transduction with M-ary DPSK modulation 48030
Zheng, Q.-B. *see* Guan, Z.P. 12417
Zheng, Q.B. *see* Guan, Z.P. 42123
Zheng, S. *see* Donggun Park 12935
Zheng, S.Q. *see* Li, Y. 23626
Zheng, W. Auto-aligning and splicing PM-fibers of different types with a passive method 33003
Zheng, W.X. Estimation of autoregressive signals from noisy measurements 56428
Zheng, W.X., Quan, Z.Y. Image sequence coding using wavelet transform 46364
Zheng, X.D. *see* Minami, K. 12108
Zheng, Y., Doerschuk, P.C. An optimization approach to 3D reconstruction from solution X-ray scattering data 15942
Zheng, Y., Grover, W.D., MacGregor, M.H. Dependence of network capacity requirements on the allowable flow convergence overloads in ATM backup VP restoration 46558
Zheng, Y. *see* Huang, Z.C. 12604
Zheng, Y. *see* Mu, Y. 24776
Zheng, Y. *see* Sakurai, K. 56304
Zheng, Y.D. *see* Chen, H. 22295
Zheng, Y.D. *see* Huang, X.D. 54360
Zheng, Y.D. *see* Liu, J.L. 12418
Zheng, Y.D. *see* Shen, B. 41880

Zheng, Y.L. *see* Reqqass, H. 793
Zheng, Z., Deprettere, E.F., Chen, H. An efficient VLSI realization of image transforms 36450
Zheng, Z., Weiner, A.M., Marsh, J.H., Karkhanehchi, M.M. Ultrafast optical thresholding based on two-photon absorption GaAs waveguide photodetectors 48542
Zheng Ansheng *see* Zheng Yuxiang 2049
Zheng Bao *see* Genyuan Wang 6984
Zheng Bao *see* Huan Wu 24948
Zheng Bao *see* Qun Zhao 26982
Zheng Bao *see* Xiaobing Sun 4676
Zheng Bao *see* Bao Zheng
Zheng Baoyu *see* Baoyu Zheng
Zheng Bin *see* Bin Zheng
Zheng Chaosi, Wu Li, Zhang Shaofeng, Hu Qiquan Diode-pumped electro-optically Q-switched solid-state lasers of tunable output loss 3790
Zheng Chen, Adair, P.L., Rose, M.F. Selective emitters for thermophotovoltaic energy converters–a study based on material prospects 20082
Zheng Chen *see* Adair, P.L. 20083
Zheng Chengzhi *see* Zhang Shudan 2604
Zheng Cui, Lawes, R.A. Low cost fabrication of micromechanical systems 43399
Zheng Cui, Prewett, P.D., Watson, J.G. Focused ion beam biased repair of conventional and phase shift masks 22716
Zheng Dafang, Li Waisang, Liu Youyan Transient transport through a quantum dot: the impurity Anderson model 12495
Zheng Dai, Michalzik, R., Unger, P., Ebeling, K.J. Impact of the residual facet reflectivity on beam profile filamentation in semiconductor laser amplifiers 23990
Zheng Dalian *see* Dalian Zheng
Zheng De *see* Ying Xiangtao 58458
Zheng Delu *see* Chen Qiang 9747
Zheng Dumin *see* Dumin Zheng
Zheng Dunmin *see* Dunmin Zheng
Zheng Fang, Wu Wenhu, Fang Ditang A log-index weighted cepstral distance measure for speech recognition 45662
Zheng Feng *see* Feng Zheng
Zheng Fengshi *see* Ma Weiming 9199
Zheng Guang Fu *see* Guang Fu Zheng
Zheng Guowu *see* Guowu Zheng
Zheng Guozhen *see* Gui Yongsheng 3580
Zheng Haidong, Ye Runtao Analysis of forward characteristic of lateral channel field-controlled thyristor 54615
Zheng Haiqun *see* Lin Jinmin 7356
Zheng Hong *see* Hong Zheng
Zheng Hongfeng *see* Qiu Chungtao 50370
Zheng Hou-Zhi *see* Luo Ke-Jian 31993
Zheng Huafun *see* Huafun Zheng
Zheng Hui Lin *see* Feng Lin 53454
Zheng Huili, Yin Yingzen, Mao Naihong A novel unit for phased-array antennas 14742
Zheng Huili, Zhang Fushun, Zhang Jinmin The research on data processing in the automatic antenna testing system 48367
Zheng Ji *see* Ji Zheng
Zheng Jian-Jun *see* Jian-Jun Zheng
Zheng Jianchao Critical comments on the claimed lightning reduction performance of lightning eliminator and proposal for the verifying test 38436
Zheng Jiang *see* Cao Juncheng 2563
Zheng Jiang *see* Xiao Zhixiong 54038
Zheng Jiang Yu *see* Jiang Yu Zheng
Zheng Jianli *see* Jianli Zheng
Zheng Jianqing *see* Jianqing Zheng
Zheng Jie *see* Cu Yuesen 4210
Zheng Jiehui *see* Jiehui Zheng
Zheng Jilun *see* Cao Rongzhang 38637
Zheng Junli *see* Huang Ying 57589
Zheng Lei The design of a sonar system for floating pier security 58489
Zheng Li, Yikai Su, Yueping Tang High speed driving of gain-switched LD with exponential transmission line 6835
Zheng Li *see* Mingchun Li 6834
Zheng Liang *see* Liang Zheng
Zheng Liping, Huang Peiwei The realization of 1200 Bd in upper sonic band of PLC [power line carrier technology] 28892
Zheng Lirong *see* Xin Huoping 812
Zheng Lirong *see* Lirong Zheng
Zheng Liu *see* Liu Zheng
Zheng Lu *see* Xuejun Wang 21114
Zheng Min, Xu Yao, Guo Zhao-Hui, Wang Yin-Jun Structure and properties of sputtered Pt/Co multilayers 32823
Zheng Nan-Ning *see* Nan-Ning Zheng
Zheng Peng Fang *see* Fang Zheng Peng
Zheng Pie *see* Pie Zheng
Zheng Qigong, Dai Shusun The generation of two frequency-agile sequences and their compatibility with MTI 36227
Zheng Qin *see* Qin Zheng
Zheng Qinfen *see* Qinfen Zheng
Zheng Qinghua *see* Qinghua Zheng
Zheng Rongchuan, Yang Ruichang, Shen Youting, Zhu Fanlin Two-dimensional bubble velocity measurements with tri-fiber-optical-probe 17868
Zheng Shi-Hai *see* Shi-Hai Zheng
Zheng Tang *see* Tanno, K. 23007
Zheng Tang *see* Tashima, K. 21848
Zheng Wang *see* Qin Li 25881
Zheng Wang *see* Wang Zheng
Zheng Wanlie *see* Wanlie Zheng
Zheng Wei *see* Wei Zheng
Zheng Wei Min *see* Wei Min Zheng
Zheng Wei Xing *see* Wei Xing Zheng
Zheng Weimin *see* Weimin Zheng
Zheng Wentao *see* Wentao Zheng
Zheng Wenzin *see* Wenzin Zheng
Zheng Wu, Okrent, D., Kastenberg, W.E. Use of artificial intelligence in severe accident diagnosis for PWRs 38522
Zheng Xiangyuan *see* Lan Wenguang 36371
Zheng Xiao *see* Luo Yupin 57676
Zheng Xiaodong *see* Xiaodong Zheng
Zheng Xiaoguang *see* Han Xiaolian 19888
Zheng Xiaoguang *see* Xu Yanyang 53382
Zheng Xingahi *see* Qin Jiayin 13968
Zheng Xingnian *see* Xingnian Zheng
Zheng Xingshi, Luo Xizhang, Lin Yikun Optically pumped far-infrared laser miniaturization and Raman processes interaction 55505
Zheng Xingshi *see* Qin Jiayin 55512
Zheng Xingshi *see* Qin Jiayin 55513
Zheng Xingshi *see* Xingshi Zheng
Zheng Xu *see* ZhiQiang Huang 54903
Zheng Xu *see* Xu Zheng
Zheng Yang *see* Yang Zheng
Zheng Yi *see* Jiang Gangyi 25329
Zheng Yiaowei *see* Yiaowei Zheng
Zheng Yingping *see* Pan Yue 21037
Zheng Yong-Jian *see* Yong-Jian Zheng
Zheng Yongxing *see* Gu Jinqi 36946
Zheng You-Dou *see* Yang Kai 48516
Zheng Youdou *see* Gu Shulin 30905
Zheng Youdou *see* Youdou Zheng
Zheng Yujin *see* Yujin Zheng
Zheng Yuliang *see* Yuliang Zheng
Zheng Yuping *see* Zhu Yaming 38798
Zheng Yuxiang, Chen Liangyao, Zhou Shiming, Wang Yadong, Qian Youhua, Lin Chenglu, He Zhiping, Zheng Ansheng, Li Jianming Analysis of implantation-induced damage and amorphization of GaSb 2049
Zheng Zeng *see* Zeng Zheng
Zheng Zeng-Yu *see* Ye Bo 53357
Zheng Zengyu *see* Ye Bo 1225
Zheng Zhang *see* Guowen Lu 35112
Zheng Zhang *see* Profumo, F. 39323
Zheng Zhang *see* Profumo, F. 51746
Zheng Zhaohui, Pei Aihua, Hu Jiandong A RAKE type receiver structure for CDMA mobile communication systems using antenna arrays 6508
Zheng Zhi-Ren *see* Zhi-Ren Zheng
Zheng Zhong *see* Li Tianhua 29364
Zheng Zhou *see* Zhou Zheng
Zheng Zhou Da *see* Zhou Da Zheng
Zheng Zhu, Carlson, B.S. Dynamic circuits for CMOS and BiCMOS low power VLSI design 1305
Zheng-Fan Li *see* Ji Zheng 31662
Zheng-Fan Li *see* Jin Zhao 24510
Zheng-Fan Li *see* Shui-Ping Luo 2446
Zheng-Fan Li *see* Xin Li 39806
Zheng-Feng Hu, Cheng-Lin Luo, Jian-Qin Zhou 3-D diffuse object profilometry based on analysis the intensity of grating pattern 58983
Zheng-Feng Hu, Jian-Gang Liu, Cheng-Lin Luo Simulation of phase measurement of 3-D diffuse object's surface 58986
Zheng-Hao Chen *see* Da-Fu Cui 32679
Zheng-Ou Wang A bidirectional associative memory based on optimal linear associative memory 1346
Zheng-Zhi Wang *see* Wang Zheng-Zhi
Zhengchen Yu *see* Kutcher, S.W. 2296
Zhengchun Du *see* Du Zhengchun
Zhengdong Lei *see* Lei Zhengdong
Zhengdong Li, Baichang Wu, Genbo Su, Gongfan Huang Blue light emission from an organic nonlinear optical crystal of 4-aminobenzophenone pumped by a laser diode 33700
Zhengdong Li *see* Li Zhengdong
Zhengdong Wang, Feng Liu, Dapeng Yan, Anzhi He How to combine a priori information with projection data to reconstruct three-dimensional refractive field 49005
Zhengdong Wang *see* Feng Liu 49004
Zhengfan Li *see* Jin Zhao 31658
Zhengfan Li *see* Li Zhengfan
Zhenghang Wang *see* Wang Zhenghang
Zhenghao Chen *see* Xinhui Zhang 2184
Zhenghao Wang, Changde Gong Electron tunneling through a BCS superconductor with an unpaired electron 43793
Zhenghe Feng, Jingping Zhang, Yingjie Zhao Generalized Capacitance Matrix Method and optimal design of duplexes 53542
Zhenghe Feng, Xiaoguang Yu The complex transmission constant for arbitrary multiconductor and multidielectric transmission structure 34126
Zhenghe Feng *see* Fengchao Xiao 56111
Zhenghe Feng *see* Feng Zhenghe
Zhenghua Lin *see* Lin Zhenghua
Zhenghua Wang *see* Wang Zhenghua
Zhenghui Li *see* Li Zhenghui
Zhenghui Lin *see* Lin Zhenghui
Zhengju Yang *see* Li Sun 55159
ZhengKang Shen *see* Shen ZhengKang
Zhengli Zhou *see* Zhou Zhengli
Zhenglian Zhu *see* Zhu Zhenglian
Zhenglin Cheng *see* Cheng Zhenglin
Zhengmi Du *see* Zhisheng Lin 14721
Zhengmin Sun *see* Qi Luo 40524
Zhengming Sun *see* Qi Luo 52855
Zhengming Wan, Snyder, W., Yulin Zhang Validation of land-surface temperature retrieval from space 8375
Zhengning Tang *see* Tang Zhengning
Zhengping Xi *see* Xi Zhengping
Zhengqiao Fan *see* Fan Zhengqiao
Zhengquan He *see* He Zhengquan
Zhengquan Zhang *see* Zhongyang Wang 44618
Zhengquan Zhang *see* Zhang Zhengquan
Zhengqun Ni *see* Ni Zhengqun
Zhengrong Hu *see* Hu Zhengrong
Zhengrong Shi *see* Guang Fu Zheng 39035
Zhengrong Wang *see* Wang Zhengrong
Zhengsong Zhang *see* Zhang Zhengsong
Zhenguo, L. *see* Zhiru, K. 58608
Zhengwei Du, Chengli Ruan Analytical analysis of circular-shaped microshield and conductor-backed coplanar waveguide 31460
Zhengwei Du, Chengli Ruan An approximate formulation for the characteristic impedance of noncoplanar fin antennas 56180
Zhengwei Xu *see* Xu Zhengwei
Zhengxiang Luo *see* Zongxi Tang 23430
Zhengxin Li *see* Li Zhengxin
Zhengxiu Fan *see* Qiang Zhao 55384
Zhengxiu Fan *see* Fan Zhengxiu
Zhengxu Zhao *see* Guiyun Tian 27476
Zhengyi Shi *see* Shi Zhengyi
Zhengyong Lu *see* Lu Zhengyong
Zhengyou Zhang On the epipolar geometry between two images with lens distortion 5101
Zhengyou Zhang Parameter estimation techniques: a tutorial with application to conic fitting 25281
Zhengyu Wang *see* Agnew, B. 58016
Zhengyuan Zhang *see* Zhang Zhengyuan
Zhengzhong Lu *see* Lu Zhengzhong
Zhengzhong Shao *see* Shao Zhengzhong
Zhenhong Jia *see* Jia Zhenhong
Zhenhong Jin *see* Jin Zhenhong
Zhenhong Liu *see* Liu Zhenhong
Zhenhong Zhou, Xiaoling Li, Yingyu Deng, Jingde Li, Wanqing Cao TSC and dielectric spectroscopy methods 54905
Zhenhong Zhou *see* Wanqiang Cao 54976
Zhenhua Dong *see* Dong Zhenhua
Zhenhua He *see* He Zhenhua
Zhenhua Li, Yi Ge, Anzhi He, Wentao Hy, Chuandong Li Green output, miniature Nd:BGO laser used in optical storage and image processing 55547
Zhenhua Li *see* Li Zhenhua
Zhenhua Yang *see* Yang Zhenhua
Zhenjia Wang *see* Wang Zhenjia
Zhenjia Xu *see* Lei Huang 32215
Zhenjiang Miao *see* Miao Zhenjiang
Zhenjiang Yang *see* Yang Zhenjiang
Zhenjun Ma *see* Jianxin Guo 17696
Zhenle Ju *see* Ju Zhenle
Zhenli Yu, Ching, P.C. Determination of vocal-tract shapes from formant frequencies based on perturbation theory and interpolation method 14938
Zhenliang Yin *see* Yin Zhenliang
Zhenlin Liu *see* Izawa, T. 3774
Zhenlin Liu *see* Sarukura, N. 3752
Zhenlin Xu *see* Xu Zhenlin
Zhenlong Huang *see* White, M.J. 30975
Zhenmin Chen, Jie Mi Confidence interval for the mean of the exponential distribution, based on grouped data 30395
Zhenming Feng *see* Feng Zhenming
Zhenming Xu *see* Xu Zhenming
Zhenprong Wang *see* Bingheng Xiang 44790
Zhenqi Huang *see* Huang Zhenqi
Zhenqin Guo *see* Ping Wang 36542
Zhenqing Yun *see* Yun Zhenqing
Zhenqing Zhu *see* Zhu Zhenqing
Zhensen Wu *see* Wu Zhensen
Zhensheng Jia *see* Jia Zhensheng
Zhentong Gao *see* Gao Zhentong
Zhenxian Fang *see* Fang Zhenxian
Zhenxiang Han *see* Fushuan Wen 50294
Zhenxiang Han *see* Han Zhenxiang
Zhenxin Yu *see* Yu Zhenxin
Zhenxing Liu *see* Liu Zhenxing
Zhenya He *see* Baoyun Wang 53286
Zhenya He *see* Lijun Luo 46305
Zhenya He *see* Susu Yao 34728
Zhenya He *see* Xiqi Gao 46306
Zhenya Ma *see* Chaplin, C.P. 8459
Zhenyao Xu, Gulrajani, R.M., Leon, L.J. Multiple beat cardiac simulations with the Leon-Horacek propagation algorithm 59375
Zhenyi Fang *see* Fang Zhenyi
Zhenyu Guo, Fenster, A. Three-dimensional power Doppler imaging: a phantom study to quantify vessel stenosis 28093
Zhenyu Guo, Fenster, A., Allard, L., Cloutier, G., Durand, L.-G. Quantitative evaluation of multiple arterial stenoses using 3D power Doppler imaging 18235
Zhenyu Lu *see* Lu Zhenyu
Zhenyu Yao *see* Yao Zhenyu
Zhenyuan Wang *see* Wang Zhenyuan
Zhenzhong Wang *see* Jian Jiang 54970

Zherdev, P.A., Popov, S.M., Borisov, M.M., Kalinkevitch, A.A., Heel, F., Kietzmann, H. Estimations of using antenna systems for external spaceborne SAR calibration 27045
Zherebko, A.K. *see* Dolinov, D.S. 56599
Zherebtsov, V.A. *see* Chernov, V.M. 54896
Zheren Lai, Smedley, K.M., Yunhong Ma Time quantity one-cycle control for power-factor correctors 51144
Zherlitsyn, A.G., Kanaev, G.G., Tsvetkov, V.I. Intense microwave pulse production from vircators with inductive energy storage 53982
Zheshen Li *see* Li Zheshen
Zhevago, N.K., Glebov, V.I. Spontaneous and induced Cherenkov radiation generated by electrons in cylindrical dielectrics 55975
Zhevelev, A.V. *see* Il'inskii, A.D. 9653
Zhevlakov, A.P. *see* Belyaev, A.A. 23439
Zhevnyak, O.G. *see* Borzdov, V.M. 54178
Zhewang Ma, Yamane, T., Yamashita, E. Design of mitered H-plane bends in rectangular waveguides by combining mode-matching method and port reflection coefficient method 34169
Zhi Chao Tao, Mahadevan, K., Ghosh, S., Bergmann, J., Sutherland, D., Tjonneland, K. Design and evaluation of a shaped reflector and 4-port CP feed for dual band contoured beam satellite antenna applications 34324
Zhi Chen, Mohammad, S.N., Dae-Gyu Park, Morkoc, H., Yia-Chung Chang On the inversion in GaAs metal-insulator-semiconductor heterostructures 22463
Zhi Chen *see* Dae-Gyu Park 2278
Zhi Chen *see* Dae-Gyu Park 42329
Zhi Dan *see* Liu Jutong 40456
Zhi Dang Ke *see* Dang Ke Zhi
Zhi Ding A blind channel identification algorithm based on matrix outer-product 6556
Zhi Ding On convergence analysis of fractionally spaced adaptive blind equalizers 25820
Zhi Ding Multipath channel identification based on partial system information 26569
Zhi Ding On convergence analysis of fractionally spaced adaptive blind equalizers 46525
Zhi Ding *see* Casas, R.A. 5709
Zhi Ding *see* Kennedy, R.A. 45484
Zhi Ding *see* Ward, D.B. 25125
Zhi Ding *see* Ye Li 5669
Zhi Gao *see* Gao Zhi
Zhi Guo *see* Guo Zhi
Zhi Jun *see* Jun Zhi
Zhi Li *see* Li Zhi
Zhi Lihong Optimal algorithm for algebraic factoring 30563
Zhi Sun Da *see* Da Zhi Sun
Zhi Xiaorong *see* Xiaorong Zhi
Zhi Xihu *see* Hong Hai 25693
Zhi Yong Li *see* HaiXin Chen 4979
Zhi-Chun Honkasalo *see* Ranta, P.A. 47669
Zhi-Hong Chen *see* Hong-Tao Sun 27483
Zhi-Jian Fu, Tai-Wu Kao The design of a low cost local area network using NetWare 47070
Zhi-Jian Ma *see* Bin Yu 2688
Zhi-Jian Ma *see* Bin Yu 22806
Zhi-Liang Chen *see* Chen Zhi-Liang
Zhi-Long Chen, Powell, W.B. A note on Bertsekas small-label-first strategy 40063
Zhi-Meng Teng *see* Teng Zhi-Meng
Zhi-Pei Liang A model-based method for phase unwrapping 18279
Zhi-Pei Liang *see* Hess, C.P. 59496
Zhi-Ping Jiang, Ming Ni, Qi-Sheng Lu, Ze-Jin Liu, Yi-Jun Zhao Wavelet filter: pure-intensity spatial filters that implement wavelet transforms 4986
Zhi-Qiang Li *see* Hao Chen 32039
Zhi-Qiang Liu *see* Dance, S. 5245
Zhi-Ren Zheng *see* Tie-Jun Chang 23982
Zhi-Xian Huang *see* Jen-Tsorng Chang 44750
Zhi-Xiong Xiao, Tong-Li Wei Modification of the Einstein equations of majority- and minority-carriers with band gap narrowing effect in n-type degenerate silicon with degenerate approximation and with non-parabolic energy bands 54034
Zhi-Yong Hong *see* Hong Zhi-Yong
Zhi-Yong Wei *see* Wei Zhi-Yong
Zhi-Zhong Sun A second-order accurate finite difference scheme for a class of nonlocal parabolic equations with natural boundary conditions 10522
Zhi-Zhong Sun *see* Sun Zhi-Zhong
Zhiang Deng *see* Ying Chen 47151
Zhibiao Shao *see* Shao Zhibiao
Zhibin Lei, Yin-Ting Lin 3D shape inferencing and modeling for semantic video retrieval 46050
Zhibin Zhou *see* Zhou Zhibin
Zhibo Wane *see* Wane Zhibo
Zhicai Xu *see* Shengcai Shi 58517
Zhichan Niu *see* Zhong Pan 55611
Zhichao Chen *see* Chen Zhichao
Zhicheng Qiu, Yang, L., Loveland, T.R. Recent experiences in mapping land cover from AVHRR data: People's Republic of China test sites 8562
Zhicheng Wang Predictive fractal interpolation mapping: differential speech coding at low bit rates 14909
Zhicheng Wang *see* Wang Zhicheng
Zhicheng Yang *see* Yang Zhicheng
Zhichu Fang *see* Fang Zhichu
Zhidkov, A.V. Metal-insulator transition in $Si_{0.7}Ge_{0.3}$ disordered by fast neutron radiation 54135
Zhidong Gao *see* Gao Zhidong
Zhien Wang, Hideaki Nakane, Huanling Hu, Jun Zhou Three-wavelength dual differential absorption lidar method for stratospheric ozone measurements in the presence of volcanic aerosols 50040
Zhien Yu *see* Yu Zhien
Zhifang Du *see* Hariri, A. 19332
Zhifang Fan *see* Dae-Gyu Park 32392
Zhifeng Jiao *see* Jiao Zhifeng
Zhifeng Li *see* Xinfan Huang 12501
Zhigang Cao *see* Lifang Li 45590
Zhigang Chen, Segev, M., Coskun, T.H., Christodoulides, D.N., Kivshar, Y.S., Afanasjev, V.V. Incoherently coupled dark-bright photorefractive solitons 14324
Zhigang Chen, Segev, M., Wilson, D.W., Muller, R.E., Maker, P.D. Self-trapping of an optical vortex by use of the bulk photovoltaic effect 55864
Zhigang Chen *see* Yongcheng Li 6334
Zhigang Fan, Fu Li Reducing artifacts in JPEG decompression by segmentation and smoothing 57086
Zhigang Liu *see* Liu Zhigang
Zhigang Lu *see* Lu Zhigang
Zhigang Mao *see* Mao Zhigang
Zhigang Qu, Salminen, A., Moisio, T. Seam tracking in laser welding using vision sensors 39458
Zhigang Xu, Almond, P.R., Deasy, J.O. The dose distribution produced by a ^{32}P source for endovascular irradiation 59845
Zhigang Zhu *see* Zhu Zhigang
Zhigao Fang *see* Fang Zhigao
Zhige Zhang, Bryanston-Cross, P.J. The accurate dimensional measurements within small internal structures 36910
Zhiguo Liu *see* Qi Luo 40524
Zhiguo Liu *see* Qi Luo 52855
Zhiguo Meng *see* Yong-Jing Wang 13739
Zhihe Xiao *see* Xiao Zhihe
Zhihong Liu *see* Chen, K. 43006
Zhihong Liu *see* Yuhua Cheng 12991
Zhihong Liu *see* Yuhua Cheng 21826
Zhihong Mai, Xinrong Zhao, Fangqiao Zhou, Wendong Song Infrared radiation detector linear arrays of high T_c superconducting thin films 48513
Zhihong Zeng *see* Zeng Zhihong
Zhihua Ding, Guiying Wang, Zhijiang Wang Microscopic interferometer for surface roughness measurement 7663
Zhihua Hu *see* Wansheng Tang 52391
Zhihua Qu *see* Haibo Jiang 60263
Zhihui Lei *see* Qifeng Yu 27893
Zhijia Huang *see* Huang Zhijia
Zhijian Hou *see* Hou Zhijian
Zhijian Hu, Leung, H., Blanchette, M. Statistical performance analysis of track initiation techniques 34789
Zhijian Huang *see* Huang Zhijian
Zhijian Li *see* Liusheng Liu 21475
Zhijian Li *see* Qingxin Zhang 32201
Zhijian Li *see* Li Zhijian
Zhijian Lu *see* Schlichting, W. 43918
Zhijian Ma, Jeong Yeol Choi, Chuen-Der Lien Sub-0.25 μm single N^+-polycide gate CMOS technology for 2.5 V applications 2834
Zhijian Pan *see* Pan Zhijian
Zhijian Yang *see* Yang Zhijian
Zhijiang Ji *see* Ji Zhijiang
Zhijiang Wang *see* Qlang Zhao 55384
Zhijiang Wang *see* Zhihua Ding 7663
Zhijiang Wang *see* Wang Zhijiang
Zhijie Wang *see* Ziping Jiang 55642
Zhijie Wang *see* Wang Zhijie
Zhijing Feng *see* Feng Zhijing
Zhijing Liu *see* Liu Zhijing
Zhijun, G. *see* Yi, Y. 29822
Zhijun Gan, Elangovan, S., Liew, A.C. Microcontroller based overcurrent relay and directional overcurrent relay with ground fault protection 28946
Zhijun He *see* He Zhijun
Zhijun Xue *see* Xue Zhijun
Zhikai Liu *see* Liu Zhikai
Zhikharev, V.N., Popik, Yu.V., Seikovskii, I.D. Specific features of ferroelectric switching in $Sn_2P_2S_6$ single crystals 2929
Zhikui Zhou *see* Zhou Zhikui
Zhiliang Hong *see* Hong Zhiliang
Zhiliang Qiu *see* Qiu Zhiliang
Zhilich, V. *see* Aulchenko, V.M. 37243
Zhilich, V.N. *see* Aulchenko, V.M. 37214
Zhilich, V.N. *see* Aulchenko, V.M. 37247
Zhilin, V.M. *see* Aristov, V.Yu. 2238
Zhilin Qu *see* Xiao, J.H. 5678
Zhilin Yang *see* Yang Zhilin
Zhiling Tie *see* Tie Zhiling
Zhiling Wang *see* Guotong Du 14189
Zhiling Wang *see* Ying Liu 14154
Zhiling Wang *see* Yongsheng Zhao 3625
Zhilong Tang, Frey, D. A 60 MHz 0.7 mV-resolution CMOS comparator 11606
Zhilyaev, Yu.V. *see* Evstropov, V.V. 42066
Zhimin Kong *see* Kong Zhimin
Zhimin Yao *see* Saif, M.T.A. 44150
Zhimin Zhang Ultraconvergence of the patch recovery technique 10555
Zhimin Zhao *see* Zhao Zhimin
Zhiming Chen *see* Chen Zhiming
Zhiming Wu *see* Yadong Jiang 52857
Zhiming Zhou *see* Zhou Zhiming
Zhimov, V.V., Givargizov, E.I., Kandidov, A.V., Seleznev, B.V., Alimova, A.N. Emission characterization of diamond-coated Si field emission arrays 53963
Zhing-Xuan Yuan *see* Yuan Zhing-Xuan
Zhining Chen, Wei Hong, Wenxun Zhang Computation of electromagnetic scattering from transversally anisotropic cylinders using FD-MEI 14549
Zhinong Wei *see* Wei Zhinong
Zhinong Ying, Kildal, P.-S., Kishk, A.A. Study of different realizations and calculation models for soft surfaces by using a vertical monopole on a soft disk as a test bed 4351
Zhipeng Wu *see* Drossos, G. 24564
Zhipeng Zhou *see* Zhou Zhipeng
Zhiping He *see* He Zhiping
Zhiping Jiang, Qisheng Lu, Zejin Liu Relative phase shifts of apertured Gaussian beams and transformation of a Gaussian beam through a phase aperture 33607
Zhiping Jiang *see* Jiang Zhiping
Zhiping Yang *see* Yang Zhiping
Zhiqi Hao *see* Hao Zhiqi
Zhiqian Wang, Ben-Arie, J. Conveying visual information with spatial auditory patterns 15161
Zhiqian Wang, Raghunath Rao, K., Ben-Arie, J. Optimal ramp edge detection using expansion matching 5487
Zhiqian Wang *see* Ben-Arie, J. 25760
Zhiqiang Cai, Mandel, J., McCormick, S. Multigrid methods for nearly singular linear equations and eigenvalue problems 40220
ZhiQiang Huang, MingZou Zhao, Zheng Xu, LinZhang Sha The electret properties of $SiO_2/Al_2O_3/PbO$ welded glass film 54903
ZhiQiang Huang *see* MingZhou Zhao 54902
Zhiqiang Jiang *see* Jiang Zhiqiang
Zhiqiang Zeng, Gerben, G.J., Deprettere, E.F., Hongyi Chen A novel VLSI transform kernel based on fast rotation 56810
Zhiqin, Z., Shunji, H. A research of moving targets detection and imaging of SAR 27031
Zhiqing Gao *see* Lee, S.-T. 21292
Zhiqing Shi *see* Shi Zhiqing
Zhiqing Wen, Nan Li, Yu Xu, Xiangyang Yang Holographic storage using phase-code and rotation multiplexing 23451
Zhiqing Wen, Pochi Yeh, Xiangyang Yang Optoelectronic three-layer feed-forward perceptron with enhanced local-input-fault-tolerances 23625
Zhiqing Wen, Pochi Yeh, Xiangyang Yang Modified two-dimensional Hamming neural network and its optical implementation using Dammann gratings 44135
Zhiqing Wen, Pochi Yeh, Xiangyang Yang Fuzzy neural network for invariant optical pattern recognition 46115
Zhiqing Wen, Xiangyang Yang Rotation-invariant photorefractive correlator 25273
Zhiqing Wen, Xiangyang Yang Multichannel photorefractive correlator for rotation-invariant optical pattern recognition 25553
Zhiqing Wen *see* Xiangyang Yang 23455
Zhiqing Wen *see* Xiangyang Yang 23459
Zhiqing Wu *see* Ojo, O. 29285
Zhiqun Li *see* Begueret, J.-B. 49785
Zhirabok, A.N. Fault diagnosis in linear dynamic systems via nonlinear observer 30372
Zhiren Hu *see* Hu Zhiren
Zhirnov, V.V. On the cold emission mechanism of diamond coated tips 53921
Zhirnov, V.V., Kandidov, A.V. Emission characteristics of field-emission cathodes based on silicon whiskers 53951
Zhirnov, V.V. *see* Givargizov, E.I. 53940
Zhirnov, V.V. *see* Givargizov, E.I. 58929
Zhirnov, V.V. *see* Konopsky, V.N. 53925
Zhirnov, V.V. *see* Liu, J. 22144
Zhirnov, V.V. *see* Stepanova, A.N. 53920
Zhirong Huang *see* Pisin Chen 17915
Zhiru, K., Jingbo, L., Zhenguo, L. An extrapolation formula for the standard platinum resistance thermometer in the temperature range 419.527°C to 660.323°C 58608
Zhishan Wang *see* Wang Zhishan
Zhishang Yao *see* Yao Zhishang
Zhisheng Lin, Zhengmi Du, Shener Chen A 4 mm-wave composite mode multimode conical feedhorn 14721
Zhisheng Ye *see* Ye Zhisheng
Zhisheng Zhang *see* Zhang Zhisheng
Zhishun She, Zhaoda Zhu Two improved methods of motion compensation for 1D cross-range ISAR imaging 6928
Zhitov, A.N. *see* Agroskin, V.Ya. 50223
Zhiwei Dong *see* Dong Zhiwei
Zhiwei Kang *see* Kang Zhiwei
Zhiwei Lu *see* Jianhong Wu 44793
Zhiwei Lu *see* Linsen Chen 44796
Zhiwei Lu *see* Lu Zhiwei
Zhiwei Yu *see* Yu Zhiwei
Zhiwei Zhu *see* Zhu Zhiwei
Zhiwen Chen *see* Chen Zhiwen
Zhiwen Zhu *see* Zhu Zhiwen
Zhixia Shi *see* Shi Zhixia
Zhixian Jao *see* Jao Zhixian
Zhixiang Zhao *see* Sheng Fan 9046
Zhixin Yan, Deen, M.J., Malhi, D.S. Gate-controlled lateral PNP BJT: characteristics, modeling and circuit applications 12909

Zhixin Yao *see* Yao Zhixin
Zhixin Zhou, Yong Tan Liu, Jinrong Wang, Ling Qin Surface wind field extraction from HF ground-wave remote sensing radar 50045
Zhixin Zhou *see* Zhou Zhixin
Zhixing Yang *see* Yang Zhixing
Zhixiong Xiao *see* Xiao Zhixiong
Zhiyi Wei *see* Baltuska, A. 23876
Zhiying Huang *see* Huang Zhiying
Zhiyong Liang *see* Chen, A. 13541
Zhiyong Liu *see* Andrews, M. 5871
Zhiyong Lu *see* Lu Zhiyong
Zhiyong Xu *see* Xu Zhiyong
Zhiyong Zhao *see* Zhao Zhiyong
Zhiyoug He *see* He Zhiyoug
Zhiyu Yin *see* Yin Zhiyu
Zhiyuan Gao *see* Gao Zhiyuan
Zhiyuan Tang *see* Zidong Wei 9533
Zhiyuan Tang *see* Zidong Wei 29602
Zhiyue Lin An introduction to time-frequency signal analysis 56527
Zhiyue Lin, McCallum, R.W., Hongyu Wang Computation and performance of the prolate-spheroidal wave function window in spectral estimation 25142
Zhizhan Xu *see* Suxing Hu 24070
Zhizhan Xu *see* Suxing Hu 44655
Zhizhan Xu *see* Zhongyang Wang 44618
Zhizhan Xu *see* Xu Zhizhan
Zhizhang Chen, Jian Xu The generalized TLM-based FDTD--summary of recent progress 10580
Zhizhang Chen, Jian Xu, Jun-Ming Chuang Modeling of nonlinear optical media with the time-based finite-difference-time-domain method 24096
Zhizhang Chen *see* Jian-Guo Ma 45073
Zhizhang Ren *see* Ren Zhizhang
Zhizhen Ye *see* Ye Zhizhen
Zhizheng Zhou, Aiju Chen, Wensheng Shao Applications of the cathode for millimeter wave tubes 53996
Zhizhong Xu *see* Xu Zhizhong
Zhmud, V.A. *see* Bagayev, S.N. 27375
Zho, J. *see* Yuan, S. 42136
Zhodzishskii, A.I. *see* Karpov, A.M. 49950
Zhodzishskii, I., Karpov, A.M., Leonov, S., Timofeev, G.S. The Vyzov system for the transmission of warning signals from spacecraft 49877
Zhodzishskii, I., Kruglov, V., Leonov, M.S. Application of pseudonoise signals in command and measuring systems (CMS) and the noise immunity of their synchronization 46993
Zhone, L. *see* Rahman, M.F. 29737
Zhong, H.G. *see* Beckers, P. 30668
Zhong, J.C., Li, R.H., Zhao, Y.J., Qu, Y. Leaky waveguide laser diodes for advanced manufacturing and metrology 33563
Zhong, L., Rahman, M.F., Hu, W.Y., Lim, K.W. Analysis of direct torque control in permanent magnet synchronous motor drives 60719
Zhong, L. *see* Rahman, M.F. 61166
Zhong, P., Martonosi, M. Using reconfigurable hardware to customize memory hierarchies 41126
Zhong, Q. *see* Dissado, L.A. 58091
Zhong, S., Wang, J., Liu, H.K., Dou, S.X., Skyllas-Kazacos, M. The kinetics of $PbSO_4/PbO_2$ on Pb-Ca-Sn-Al grid alloys with bismuth additions at different temperature 61029
Zhong, W. *see* Liu, W.-H.E. 50533
Zhong, W.D. *see* Tsukada, M. 26443
Zhong, X.C. *see* Ohshima, Y. 18083
Zhong, Y. *see* Cox, I.J. 5414
Zhong, Z. *see* Johnston, R.E. 37639
Zhong, Z. *see* Wu, R. 23571
Zhong Bogang *see* Wang Mingyan 9251
Zhong Di *see* Di Zhong
Zhong Du *see* Du Zhong
Zhong Guolun *see* Guolun Zhong
Zhong Hairong *see* Jiang Zhiping 3962
Zhong He, Knoll, G.F., Wehe, D.K., Rojeski, R., Mastrangelo, C.H., Hammig, M., Barrett, C., Uritani, A. 1-D position sensitive single carrier semiconductor detectors 37333
Zhong Heyu *see* Heyu Zhong
Zhong Jiang Guo *see* Guo Zhong Jiang
Zhong Jiangfeng *see* Wu Jun 53549
Zhong Jianzhong *see* Zhang Hongming 50499
Zhong Juhua *see* Juhua Zhong
Zhong Lisheng, Xu Chuanxiang Studying on temperature Cole-Cole diagrams by dielectric temperature spectrum 32599
Zhong Liu *see* Liu Zhong
Zhong Liyun *see* Xiong Bingheng 14468
Zhong Liyun *see* Yang Qimin 14469
Zhong Liyun *see* Liyun Zhong
Zhong Lizhi *see* Lizhi Zhong
Zhong Minqing *see* Minqing Zhong
Zhong Pan, Zengqi Zhou, Yaowang Lin, Zhichan Niu, Yi Zhang, Ronghan Wu, Wei Wang In situ thickness monitoring and adjusting during MBE growth for VCSEL 55611
Zhong Qiang Li *see* Li Zhong Qiang
Zhong Shan *see* Lou Caiyun 3724
Zhong Sheng *see* Sheng Zhong
Zhong Sheng Zhang *see* Zhang Zhong Sheng
Zhong Shi, Hui Zhan, Yun-Hong Zhou, Chuan-Sin Cha Effect of perfluoroalkylsulfonate on the discharge behaviour of PbO_2 electrodes in sulfuric acid solution 29542
Zhong Shunshi *see* Du Biao 56174
Zhong Shunshi *see* Shunshi Zhong
Zhong Tao *see* Chen Dihu 22522
Zhong Wang *see* Mai Wu 48904
Zhong Wang *see* Wang Zhong
Zhong Wei-Ping *see* Wei-Ping Zhong
Zhong Weizhuo, Tang Dingyuan Growth units and morphology of lithium triborate (LBO) crystals 10585
Zhong Wenfa, Luo Rong, Shan Wenzhi Calculation of homogeneous parameters in an in-core assembly for NHRs 38501
Zhong Wu *see* Wu Zhong
Zhong Xi-Hua, Zhou Yue-Ming, Guo Yong-Kang, Yuan Jing, Su Jing-qin Study on the spectrum of fractal phase structure 58982
Zhong Xianxin *see* Xianxin Zhong
Zhong Xing-Ru *see* Wang Zhan-Guo 2010
Zhong Yan *see* Yan Zhong
Zhong Yanru *see* Liu Jian 11177
Zhong Yixin *see* Yixin Zhong
Zhong Yuan *see* Cui Yiping 33717
Zhong Yuan Chang, Haspeslagh, D., Verfaillie, J. A highly linear CMOS G_m-C bandpass filter with on-chip frequency tuning 41301
Zhong Yuanyuan *see* Yuanyuan Zhong
Zhong Yuzhou *see* Yuzhou Zhong
Zhong Yuzhuo *see* Hong Hai 25693
Zhong Zheng *see* Zheng Zhong
Zhong-Heng Lin *see* Chang, J.J.K. 32831
Zhong-Hong Wang *see* Xu Liang 19217
Zhong-Li Wu *see* Wu Zhong-Li
Zhong-Tao Jiang *see* Byung-Hyuk Jun 55374
Zhong-Xian Wang *see* Guang-Ren Duan 30420
Zhong-Xuan Luo, Ren-Hong Wang Rational shape functions for C^1-interpolation on quadrilaterals 508
Zhong-Yu Chen, Desai, M. Multiple-valued feedback neural networks for image restoration 56976
Zhong-Zhi Bai The convergence of parallel iteration algorithms for linear complementarity problems 507
Zhong-Zhi Bai, Jia-Chang Sun, De-Ren Wang A unified framework for the construction of various matrix multisplitting iterative methods for large sparse system of linear equations 30598
Zhongcheng Li *see* Zhuxing Zhao 52941
Zhongcheng Liang *see* Wei Wu 46397
Zhongde Wang, Jullien, G.A., Miller, W.C. An algorithm for multiplication module (2^n+1) 1218
Zhongde Wang, Jullien, G.A., Miller, W.C. An efficient tree architecture for modulo 2^n+1 multiplication 31230
Zhongde Wang, Jullien, G.A., Miller, W.C., Jinghong Wang, Bizzan, S.S. Fast adders using enhanced multiple-output domino logic 21635
Zhongde Xue *see* Xue Zhongde
Zhongde Zhu *see* Zhu Zhongde
Zhongdong Li *see* Li Zhongdong
Zhongfei Zhang, Weiss, R., Hanson, A.R. Obstacle detection based on qualitative and quantitative 3D reconstruction 25621
Zhongfu Xia *see* Jian Jiang 54970
Zhongfu Xia *see* Yang Cao 54901
Zhongfu Xia *see* Xia Zhongfu
Zhongfu Ye *see* Ye Zhongfu
Zhonggui Tang *see* Tang Zhonggui
Zhonghai Yang *see* Chunyu Zhang 53999
Zhonghai Yu, Buczkowski, S.L., Hirsch, L.S., Myers, T.H. An infrared absorption investigation of hydrogen, deuterium, and nitrogen in ZnSe grown by molecular beam epitaxy 2013
Zhonghai Yu, Buczkowki, S.L., Petcu, M.C., Giles, N.C., Myers, T.H., Richards-Babb, M. Photon assisted growth of nitrogen-doped CdTe and the effects of hydrogen incorporation during growth 762
Zhonghai Yu, Buczlowski, S.L., Gifes, N.C., Myers, T.H., Richards-Babb, M.R. The effect of atomic hydrogen on the growth of gallium nitride by molecular beam epitaxy 738
Zhonghang Yin *see* Yin Zhonghang
Zhonghao Chen *see* Jie Zhang 30808
Zhonghong Jiang *see* Wentao Hu 33393
Zhonghong Wang *see* Yingduo Han 50376
Zhonghua Peng, Gharavi, A.R., Luping Yu Hybridized approach to new polymers exhibiting large photorefractivity 23433
Zhonghua Wu *see* Jiayuan Fang 14577
Zhonghua Zhang *see* Ruimin Liu 27202
Zhonghua Zhang *see* Zhang Zhonghua
Zhonghui Chen *see* Heske, C. 39080
Zhongjian Chen, Diaz, C., Plummer, J.D., Min Cao, Greene, W. 0.18 um dual Vt MOSFET process and energy-delay measurement 43073
Zhongjian Zhou *see* Zhou Zhongjian
Zhongjun Guo *see* Guo Zhongjun
Zhongkang Sun *see* Sun Zhongkang
Zhongke Shi *see* Shi Zhongke
Zhongkong Wu *see* Jianzhong Zhang 24271
Zhonglei Wang *see* Wang Zhonglei
Zhongli Miao *see* Miao Zhongli
Zhongliang Sun *see* Tao Shen 33965
Zhongliang Sun *see* Tao Shen 34351
Zhongliang Sun *see* Tao Shen 56020
Zhongliang Sun *see* Tao Shen 56171
Zhongliang Sun *see* Sun Zhongliang
Zhonglin Liu *see* Liu Zhonglin
Zhonglin Sun *see* Sun Zhonglin
Zhongling Peng, Horikoshi, Y. Surfactant effect of atomic H on Si incorporation in GaAs 32152
Zhongmin Chen *see* Chen Zhongmin
Zhongming Ye *see* Ye Zhongming
Zhongnong Jiang, Willson, A.N., Jr. Efficient digital filtering architectures using pipelining/interleaving 31376
Zhongnong Jiang *see* Kwentus, A.Y. 31380
Zhongnong Jiang *see* Xiaojun Li 1600
Zhongping Chen, Milner, T.E., Dave, D., Nelson, J.S. Optical Doppler tomographic imaging of fluid flow velocity in highly scattering media 28295
Zhongping Wang *see* Wang Zhongping
Zhongqi Xing *see* Zhaojing Zhou 34804
Zhongqiang Qian *see* Pless, V. 45601
Zhongqing Yu *see* Yu Zhongqing
Zhongqiu Peng *see* Wenhua Yu 4220
Zhongrong Lu *see* Lu Zhongrong
Zhongsheng Huang *see* Huang Zhongsheng
Zhongtao Qi *see* Qi Zhongtao
Zhongwei Zhang *see* Zhang Zhongwei
Zhongwen Fu *see* Fu Zhongwen
Zhongxian Zhao *see* Zhao Zhongxian
Zhongxiang Jiang *see* Yan Li 44732
Zhongxiang Shen, MacPhie, R.H. Modeling of a monopole partially buried in a grounded dielectric substrate by the modal expansion method 4354
Zhongxiang Shen, MacPhie, R.H. Input impedance of a multilayer insulated monopole antenna 34246
Zhongxiang Zhou, Xiudong Sun, Yan Li, Yongyuan Jiang, Hua Zhao, Kebin Xu, Qiuyu Wan Kinetics of the higher-order response of photorefractive materials 14309
Zhongxiang Zhou *see* Xiudong Sun 44754
Zhongxiang Zhou *see* Yan Li 44699
Zhongxiang Zhou *see* Zhou Zhongxiang
Zhongxin Xu *see* Xu Zhongxin
Zhongxing Bao, Anderson, J.R., Schmidt, V.H. Metallic transitions in InAs, InP, and GaAs at high pressure 41964
Zhongxing Yao *see* Yao Zhongxing
Zhongyan Fang *see* Fang Zhongyan
Zhongyan Meng *see* Xinshan Li 59100
Zhongyang Wang, Zhengquan Zhang, Zhizhan Xu, Qiang Lin Space-time profiles of an ultrashort pulsed Gaussian beam 44618
Zhongyi Wang *see* Wang Zhongyi
Zhongyi Zhang *see* Ning Gu 42845
Zhongying Zhang *see* An-Yeu Wu 1499
Zhongyong Guo, Jian Ni, Tao Yang Traffic smoothing and bandwidth allocation for VBR MPEG-2 video connections in ATM network 46473
Zhongyong Liu *see* Liu Zhongyong
Zhongyou Xu *see* Xu Zhongyou
Zhongyue Wu *see* Wu Zhongyue
Zhongze Wang, Kwan, S.L., Pearsall, T.P., Booth, J.L., Beard, B.T., Johnson, S.R. Real-time, non-invasive temperature control of wafer processing based on diffusive reflectance spectroscopy 42350
Zhongzhe Sun *see* Yongsheng Zhao 3625
Zhongzhu Wang *see* Wang Zhongzhu
Zhou, B., Atiquzzaman, M. Efficient analysis of multistage interconnection networks using finite output-buffered switching elements 5766
Zhou, B., Atiquzzaman, M. Performance study of multistage ATM switches using an accurate model of the behavior of blocked cells 16047
Zhou, B., Chowdhury, N.A., Slade, D. A case-based intelligent agent for power system restoration 19122
Zhou, B., Tansley, T.L., Li, X., Butcher, K.S.A. Application of ArF excimer laser in MOCVD growth and in situ characterisation of gallium nitride 21360
Zhou, B. *see* Boisvert, J.C. 59216
Zhou, B. *see* Chai, Y. 33521
Zhou, B. *see* Peng, J. 23774
Zhou, B.G. *see* Ratschko, D. 49310
Zhou, C., Chen, R.T. Surface-normal 3×3 nonblocking wavelength-selective crossbar using polymer-based volume holograms 24261
Zhou, C., Chen, T. Robust communication via chaotic synchronization based on contraction maps 46526
Zhou, C., Newns, D.M., Misewich, J.A., Pattnaik, P.C. A field effect transistor based on the Mott transition in a molecular layer 31646
Zhou, C. *see* Kemp, I.J. 9172
Zhou, C. *see* Tang, S. 4107
Zhou, D., Liu, X.Y. On the optimal drivers of high-speed low power ICs 43235
Zhou, D., Spee, R. Field oriented control development for brushless doubly-fed machines 29710
Zhou, D., Spee, R., Alexander, G.C., Wallace, A.K. A simplified method for dynamic control of brushless doubly-fed machines 50983
Zhou, D. *see* Pavier, M.A. 33244
Zhou, D.S. *see* Jia, Q.X. 54944
Zhou, E. *see* Zhaohui Zeng 50934
Zhou, F., Huang, G., Gu, S. A high average power rotating hollow cylinder Nd:glass laser 23870
Zhou, F.J. *see* Nigro, N.J. 11876
Zhou, F.J. *see* Nigro, N.J. 30247
Zhou, G., Gen, M., Tianzu Wu A new approach to the degree-constrained minimum spanning tree problem using genetic algorithm 21080
Zhou, G. *see* Pham, A. 39819
Zhou, G. *see* Tsatsanis, M.K. 4263
Zhou, G. *see* Tsatsanis, M.K. 16013
Zhou, G.-T., Giannakis, G.B. Performance analysis of cyclic time-delay estimation algorithms 34897
Zhou, G.-Z. *see* McCalley, J.D. 60311

Zhou, H., Chang, C.H., Han, D.T. A dynamic bandwidth allocation scheme for ATM networks 46604
Zhou, H., Wong, D.F. An optimal algorithm for river routing with crosstalk constraints 13085
Zhou, H., Zebib, A., Trivedi, S., Duval, W.M.B. Physical vapor transport of zinc-telluride by dissociative sublimation 680
Zhou, H. *see* Cai, M. 14601
Zhou, H. *see* Lundquist, P.M. 44727
Zhou, H. *see* Morozov, V. 55344
Zhou, H. *see* Studebaker, D.B. 33701
Zhou, H.J., Neff, J., Morozov, V. Tolerance analysis of packaging for free-space optical interconnects 35882
Zhou, H.J. *see* Morozov, V. 35881
Zhou, H.J. *see* Ruan, Y.Z. 34405
Zhou, J., Ghosh, B.K. A gradient algorithm for stereo matching without correspondence 5484
Zhou, J., Gollmann, D. Observations on non-repudiation 4557
Zhou, J. *see* Karnett, M. 43311
Zhou, J. *see* Paiella, R. 33682
Zhou, J. *see* Rundquist, A. 4030
Zhou, J. *see* Yu, R. 15797
Zhou, J.B., Gustafsson, T., Garfunkel, E. The structure and thermal behaviour of Cu on ultrathin films of SiO_2 on Si(111) 42655
Zhou, J.J., Li, Y., Thompson, P., Sato, D.L., Lee, H.P., Kuo, J.N. Physical origins of temperature variation and background radiation associated with pyrometric interferometry measurement during III-V molecular-beam-epitaxy growth 736
Zhou, J.J. *see* Thompson, P. 40390
Zhou, J.M. *see* Chen, H. 30793
Zhou, J.M. *see* Chen, H. 42025
Zhou, J.M. *see* Li, G.H. 22383
Zhou, J.Y. *see* Huang, X.G. 23862
Zhou, L., Zhang, P.C., Ho, P.K.H., Xu, G.Q., Li, S.F.Y., Chan, L. Controlled modification of conducting polymer surfaces by atomic force microscope 10960
Zhou, L. *see* Adam, A. 37280
Zhou, L. *see* Jiang, X. 15783
Zhou, L. *see* Qiao, C. 26891
Zhou, L. *see* Valera, M.S. 3255
Zhou, L.W. *see* Postrekhin, E.V. 13489
Zhou, L.W. *see* Qiu, Z.Y. 984
Zhou, L.W. *see* Wu, J.Y. 14374
Zhou, M., De Lameillieure, J., Schafer, R. MPEG-2 video coding with an adaptive selection of scanning path and picture structure 15635
Zhou, M. *see* Tan, Q. 27155
Zhou, P., Yang, O.W.W. Delay minimization in a multicasting tree 47229
Zhou, R., Hammond, E.H., Parker, D.L. A multiple wavelength algorithm in color image analysis and its applications in stain decomposition in microscopy images 8033
Zhou, R., Hierlemann, A., Weimar, U., Gopel, W. Gravimetric, dielectric and calorimetric methods for the detection of organic solvent vapours using poly(ether urethane) coatings 17589
Zhou, R. *see* Albert, G.W. 43848
Zhou, R. *see* Jia, Q.X. 52675
Zhou, R. *see* Liu, J. 8792
Zhou, R. *see* Menon, A. 36745
Zhou, R. *see* Zhu, C. 19151
Zhou, S., Westbrook, D.R. Numerical solutions of the thermistor equations 40230
Zhou, S. *see* Dai, J. 15794
Zhou, S. *see* Littau, K.A. 40648
Zhou, S. *see* Wen, Z. 44133
Zhou, S.D., Mei, S.L., Yao, Y. Viterbi decoder without carrier recovery 4461
Zhou, S.M. *see* Bie, Q.S. 43661
Zhou, S.M. *see* Kang, S.S. 13413
Zhou, S.Q., Wu, Y.J., Xia, L.Q., Li, R.L., Shang, Q.L., Li, H., Chen, C.H., Jang, Z.B. Closed-loop fiber optic gyroscope and related components 28564
Zhou, T., Hundt, M., Elison, B. A quick method for estimating junction temperature profiles in transient applications 278
Zhou, T.-A. *see* Ottova-Leitmannova, A. 7438
Zhou, W. A fault-tolerant remote procedure call system for open distributed processing 6166
Zhou, W., Sheu, S., Liou, J.J., Huang, C.I. Analysis of non-uniform current and temperature distributions in the emitter finger of AlGaAs/GaAs heterojunction bipolar transistors 22763
Zhou, W.X., Fulton, R.E. Modularized and parametric finite element methodology for concurrent design, analysis, and simulation 31046
Zhou, X., Wang, Y. Approximate formula for cutoff wavenumber of lowest-order TM mode of a hollow metallic waveguide of arbitrary cross-section 14671
Zhou, X. *see* Xia, G. 55685
Zhou, X.H. *see* Chen, K.M. 12340
Zhou, X.S. *see* He, X.D. 44813
Zhou, Y., Dix, G.I., Quaife, P.W. Insulation evaluation for electrical rotating machines 38700
Zhou, Y., Zhu, X. "Slide-window" decision-directed algorithm and β_r-adapted "stop-and-go" decision-directed algorithm for blind equalization 35392
Zhou, Y. *see* Adam, A. 37280
Zhou, Y. *see* Karvelas, D. 16308
Zhou, Y. *see* Rajapakse, R.K.N.D. 52863
Zhou, Y. *see* Romaine, S.E. 28538
Zhou, Y.-Y. *see* Smith, M. 33195
Zhou, Y.-Z. *see* Husein, I.F. 42394
Zhou, Y.L. Difference schemes with nonuniform meshes for nonlinear parabolic system 612
Zhou, Y.L. *see* Jin, B.B. 11698
Zhou, Y.L. *see* Zhang, J.G. 11810
Zhou, Y.Q. *see* Reymann, D. 58609
Zhou, Y.R., Watkins, L.R. Novel tapped delay line transmitter pulse shaping for reducing dispersion penalty of a 10 Gbit/s transmission system 47928
Zhou, Y.T. *see* Li, H. 16885
Zhou, Z., Brown, N. A new automated method for recording and predicting failure by slow crack growth in polyethylene 1000
Zhou, Z., Pain, B., Panicacci, R., Mansoorian, B., Nakamura, J., Fossum, E.R. On-focal-plane ADC: Recent progress at JPL 17505
Zhou, Z. *see* Xu, W. 38786
Zhou, Z.-L., Ferro-Luzzi, M., van den Brand, J.F.J., Buchholz, M., Bulten, H.J., Doets, M., Lang, J., Neal, J. Ion-extraction polarimetry for polarized internal targets 7793
Zhou, Z.Y. *see* Cui, T.H. 23075
Zhou, Z.Y. *see* Dong Sun 59780
Zhou, Z.Y. *see* Ye, X.Y. 11013
Zhou, Z.Y. *see* Ye, X.Y. 27932
Zhou, Z.Y. *see* Yung, K.L. 38763
Zhou Bin *see* Quan Taifan 8652
Zhou Bing *see* Bing Zhou
Zhou Bingkun *see* Huang Yidong 14102
Zhou Bingkun *see* Wang Jianbing 27143
Zhou Bingkun *see* Xie Shizhong 20835
Zhou Bo, Li Xianxiang, Zhu Zhenglian Effective double-loop control for a square-wave brushless DC motor 60785
Zhou Bo *see* Liu Xiang 38852
Zhou Bojun Band-inhomogeneity in GaAs single crystal grown in space 30714
Zhou Buxiang *see* Teng Fusheng 28798
Zhou Chang-Song, Chen Tian-Lun Communication via chaotic synchronization based on contraction maps 4418
Zhou Changming *see* Changming Zhou
Zhou Chen *see* Chen Zhou
Zhou Chong-Xi *see* Guo Yong-Kang 44805
Zhou Da Zheng *see* Li Bin 3698
Zhou Daiqi *see* Liu Zengji 47476
Zhou Di *see* Ding Guifu 51460
Zhou Ding-Xuan *see* Ding-Xuan Zhou
Zhou Dongsheng *see* Dongsheng Zhou
Zhou Fan *see* Zhang Jizhi 55603
Zhou Fangqiao *see* Fangqiao Zhou
Zhou Feng Impedance of a slotted-pipe kicker 49230
Zhou Feng *see* Feng Zhou
Zhou Fugen *see* Zhou Xiaokuan 35028
Zhou Fuzheng *see* Fuzheng Zhou
Zhou Ge *see* Ge Zhou
Zhou Ghohui *see* Ghohui Zhou
Zhou Gongyu *see* Huang Jianren 56539
Zhou Guangyi, Zhu Honggang Some properties of high power microwave pulse propagation in the atmosphere 26676
Zhou Guien *see* Guien Zhou
Zhou Guoqing, Yuan Baozong, Tang Xiaofang The intrinsic and extrinsic factor of CCD calibration: distortion model and signal to noise ratio 17509
Zhou Guotong *see* Guotong Zhou
Zhou Hai *see* Hai Zhou
Zhou Hal *see* Hal Zhou
Zhou Han *see* Han Zhou
Zhou Hanying *see* Hanying Zhou
Zhou Haomin *see* Zhang Guangjun 36728
Zhou Hong *see* Zhang Liqing 8812
Zhou Hong *see* Hong Zhou
Zhou Huaichun, Lou Xinsheng, Yin Heling, Deng Yuankai, Gu Yizhi, Sun Guojun Study on application of monochromatic flame image processing technique in combustion monitoring and control of boilers 50771
Zhou Hui *see* Yu Gongxin 44819
Zhou Ji *see* Wang Xiaoyan 58121
Zhou Jian, Fu Wenbing, Cheng Lei, Tang Yuling, Wan Zhangquo Application of ridged waveguide in microwave sintering 61333
Zhou Jian, Lei Zhengdong, Liu Qian, Sheng Xiling Principle of microwave heating and applications in industry 61332
Zhou Jian, Liu Qian, Yan Jianping The microwave radiative character of soil moisture on X-band 60032
Zhou Jian, Wang Yong, Qi Lanfeng, Yang Yixin Infrared/millimeter wave common-aperture antenna 56173
Zhou Jian-Qin *see* Jian-Qin Zhou
Zhou Jianhua *see* Jianhua Zhou
Zhou Jianjiang *see* Jianjiang Zhou
Zhou Jianyi *see* Wu Wen 14688
Zhou Jianying *see* Jianying Zhou
Zhou Jie, Feng Songlin, Lu Liwu, Si Chengcai, Li Yangin, Hu Xiaoning Characterization of recombination centres in n-type $Hg_{1-x}Cd_xTe$ 12280
Zhou Jie *see* Chen Wufan 59552
Zhou Jin, Tan Suqing, Gao Wenqi Multiple images produced by binary self-focusing splitting optical element 44161
Zhou Jing *see* Liu Dahe 44787
Zhou Jing-Lun *see* Fang Kui 532
Zhou Jingli *see* Yuan Shuangqing 27158
Zhou Jingyang *see* Yu Erkeng 28796
Zhou Jiong-Pan *see* Jiong-Pan Zhou
Zhou Jun, Yan Bonu, Ye Qignsong A high-performance 2.0μm BiCMOS technology 54825
Zhou Jun *see* Jia Zhenhong 48968
Zhou Jun *see* Jun Zhou
Zhou Jun-Ming *see* Chen Hong 786
Zhou Jun-Ming *see* Zhang Man-Hong 41875
Zhou Junfeng *see* Yang Bingfan 49044
Zhou Junlau *see* Lu Benfu 35745
Zhou Junming *see* Li Guohui 3595
Zhou Junming *see* Yin Jingjiang 54098
Zhou Junming *see* Junming Zhou
Zhou Kaiwen *see* Pan Hongge 23296
Zhou Kangyuan, Tao Jinxu A method for decreasing speckle in pulse-echo acoustical imaging 60127
Zhou Lan *see* Lan Zhou
Zhou Lei, Jin Shengyu, Xie Ning, Tao Ruibao A quantum model for the magnetic multi-valued recording 32871
Zhou Lei *see* Lei Zhou
Zhou Lezhu *see* Lezhu Zhou
Zhou Li, Gu Huizhi, Ding Xihong Study on interlaminar stress of composite laminates 52851
Zhou Li *see* Mao Zepu 59254
Zhou Lian *see* Li Chengshan 32890
Zhou Liang *see* Liang Zhou
Zhou Liangzhu *see* Wan Jianwei 16852
Zhou Lingyun *see* Wu Chengke 46427
Zhou Liu *see* Liu Zhou
Zhou Liwei *see* Yang Huaijiang 4076
Zhou Liying *see* Xia Shaowei 28993
Zhou Long, Wen Yuanfang State signal and fuzzy membership functions of fault diagnosis in electrical equipment 19664
Zhou Luwei *see* Luwei Zhou
Zhou Meiling, Wang Jinshu, Zhang Jiuxing, Nie Zuoren, Li Er, Zuo Tieyong Thermodynamic analysis of Mo-La_2O_3 thermionic cathode wire 31685
Zhou Ming *see* Ming Zhou
Zhou Minzhi *see* Chen Jianzhong 53310
Zhou Nansheng *see* Zhang Yancao 2718
Zhou Ning *see* Ning Zhou
Zhou Peiming, Wang Biao, Mao Hanfen, Jiang Yasi TG28 Faraday rotator glass 23443
Zhou Peizhen *see* Peizhen Zhou
Zhou Ping *see* Ping Zhou
Zhou Pizhang *see* Zhang Shukui 23872
Zhou Qijie *see* Zhang Chaohai 60330
Zhou Qin *see* Qin Zhou
Zhou Qingjie, Ren Jianwen, Zhang Dangying, Feng Guotong, Wang Haiyou General intelligent simulation system for training substation staff 29507
Zhou Qizhong *see* Ge Debiao 14550
Zhou Quan *see* Quan Zhou
Zhou Quanren Effect of automatic generation control on power system stability and measure of improving AGC operation 38300
Zhou Quanren *see* Zhang Jian 50394
Zhou Rende *see* Rende Zhou
Zhou Rongnong *see* Rongnong Zhou
Zhou Rufang *see* Zhao Hao 3382
Zhou Rujing *see* Rujing Zhou
Zhou Ruqi *see* Qiu Weihua 29587
Zhou Shao-Qun *see* Shao-Qun Zhou
Zhou Sheng *see* Qu Xinghua 17197
Zhou Shi-Ming *see* Shi-Ming Zhou
Zhou Shijie *see* Shijie Zhou
Zhou Shiliang *see* Shiliang Zhou
Zhou Shiming *see* Zheng Yuxiang 2049
Zhou Shirong *see* Shirong Zhou
Zhou Shoumin *see* Shoumin Zhou
Zhou Shu-Ang *see* Shu-Ang Zhou
Zhou Shuangxi, Yang Bin Factors of effect on the performance of genetic algorithms applied to reactive power optimization and the methods to perfect it 28730
Zhou Shuquan *see* Sang Wenbin 30701
Zhou Sixin *see* Liu Zhanwen 37169
Zhou Suangxi, Zhang Heng Self-tuning PID excitation regulator for synchronous generators 60708
Zhou Tiao *see* Tiao Zhou
Zhou Ting, Chen Xuyun, Zhang Qianling, Min Hao A vector quantization algorithm suitable for VLSI implementation 56805
Zhou Ting *see* Chen Xuyun 56807
Zhou Ting *see* Ting Zhou
Zhou Tingxian *see* Zhao Xianming 6034
Zhou Wang, Yinglin Yu A fractal-based hybrid image coding system 24655
Zhou Wanlei *see* Wanlei Zhou
Zhou Wei *see* Wei Zhou
Zhou Wei Dong *see* Wei Dong Zhou
Zhou Wei-Fang *see* Wei-Fang Zhou
Zhou Weimin *see* Wang Dazhong 28735
Zhou Weimin *see* Weimin Zhou
Zhou Wen *see* Wen Zhou
Zhou Wenli *see* Wenli Zhou
Zhou Wenming *see* Wenming Zhou
Zhou Xiang *see* Guo Yong-Kang 44805
Zhou Xianlin, Wu Yun, Kang Yi Parameter selection of water turbine generator for Three Gorges Power Station 19591
Zhou Xianwei *see* Liu Hongen 339
Zhou Xiaofang, Min Hao, Lee Chen-Jung Design of a high speed cascaded sigma-delta ADC 53358
Zhou Xiaohong *see* Chen Xinfeng 18143
Zhou Xiaokuan, Wang Weiguo Multi-mode fast image compression method based on standard image 25275

Zhou Xiaokuan, Zhou Fugen, Zhu Xiaoyu High-light area recognition and image segmentation 35028
Zhou Xiaoqun *see* Xiaoqun Zhou
Zhou Xilang, Zhang Rui The analysis of new coupled coplanar waveguides 45341
Zhou Xingpeng The principle and applications of XTR 110 single chip V/I converter 7230
Zhou Xinxin *see* Xinxin Zhou
Zhou Xiuyin *see* Zhang Guangjun 36728
Zhou Xue-Song *see* Xue-Song Zhou
Zhou Xuesong, Ma Youjie, Lu Qiang, Gao Jingde Experimental study on phase lead stability of a generator for a nonlinear excitation control system 8823
Zhou Xunwei *see* Xunwei Zhou
Zhou Yafei *see* Yafei Zhou
Zhou Yan *see* Wang Yuzhi 23756
Zhou Yan *see* Yan Zhou
Zhou Yaohua *see* Xie Rongsheng 59102
Zhou Yaoming *see* Pyt'ev, Yu.P. 17134
Zhou Yaqin, Wang Keqing, Yin Bo, Guo Shuquan, Cao Liezhao, C., Zhao Zhongxian Calibration of the Pt film resistor thermometer and its magnetoresistance in low temperature 36957
Zhou Yaunzhong *see* Yaunzhong Zhou
Zhou Yilin *see* Ge Debiao 14550
Zhou Yingquan *see* Yingquan Zhou
Zhou Yu *see* Guo Yong-Kang 44805
Zhou Yuanzhong *see* Yuanzhong Zhou
Zhou Yue-Liang *see* Ma Kun 40309
Zhou Yue-Liang *see* Yue-Liang Zhou
Zhou Yue-Ming *see* Zhong Xi-Hua 58982
Zhou Yuehua *see* Wang Guicheng 7828
Zhou Yueliang *see* Huang Mingqiang 32908
Zhou Yueliang *see* Jin Biaobing 55146
Zhou Yueliang *see* Yueliang Zhou
Zhou Yun *see* Li Quanfeng 8087
Zhou Yun-Hong *see* Yun-Hong Zhou
Zhou Zecun *see* Wang Dazhong 19786
Zhou Zengqi *see* Zengqi Zhou
Zhou Zhaojing *see* Zhaojing Zhou
Zhou Zhaoying *see* Li Jie 5013
Zhou Zhaoying *see* Xiong Shenshu 28202
Zhou Zhaoying *see* Xu Changsheng 28087
Zhou Zhaoying *see* Xu Changsheng 46062
Zhou Zhaoying *see* Zhaoying Zhou
Zhou Zheng *see* Liang Qilian 45894
Zhou Zhengli, Shen Qishun Research on suppressed sidewall injection magnetotransistor structure 7307
Zhou Zhengli *see* Jiang Jianfei 3295
Zhou Zhenhong *see* Zhenhong Zhou
Zhou Zhibin, Cui Rongqiang Preparation of carbon nitride films and photovoltaic property of C-N/CuInSe$_2$ heterojunction 21335
Zhou Zhikui *see* Song Shengyi 33864
Zhou Zhiming *see* Lu Zhiyong 58467
Zhou Zhiming *see* Tan Xiaozhou 60165
Zhou Zhipeng Computer aided test and and modification of microwave circuits 53570
Zhou Zhixin, Zhao Bin, Xu Yongqin, Liu Yongtang Study for the extraction of sea-state information from HF ground-wave radar echo 60082
Zhou Zhixin *see* Zhixin Zhou
Zhou Zhizheng *see* Zhizheng Zhou
Zhou Zhongjian *see* Zhang Zhengyuan 39295
Zhou Zhongxiang *see* Zhao Hua 33715
Zhou Zhongxiang *see* Zhongxiang Zhou
Zhou Zijian *see* Zijian Zhou
Zhou Zucheng *see* Zucheng Zhou
Zhou Zuoping *see* Zhang Jixion 17813
Zhoumo Zeng *see* Zeng Zhoumo
Zhu, B., Swanson, M.D., Tewfik, A.H. Transparent robust authentication and distortion measurement technique for images 46356
Zhu, B. *see* Sheikh, H. 7904
Zhu, B. *see* Swanson, M.D. 46354
Zhu, C., Zhou, R., Wang, Y. A new nonlinear voltage controller for power systems 19151
Zhu, D.-B. *see* Liu, S.-G. 22484
Zhu, D.H. *see* Kobayashi, N. 42392
Zhu, D.X., Dubovitsky, A.S., Steier, W.H., Uppal, K., Tishinin, D., Burger, J., Dapkus, P.D. Noncollinear four-wave mixing in a broad area semiconductor optical amplifier 55896
Zhu, G. *see* Cao, H. 57364
Zhu, G.Y., Ioinovici, A. DC-DC converter with no magnetic elements and good regulation for large changes in line and load 51367
Zhu, H., Kemp, I.J. Improvement of measurement techniques in PD pulse detection in large HV equipment 43453
Zhu, H. *see* Averback, R.S. 12659
Zhu, H. *see* Chan, F.H.Y. 15587
Zhu, H.L. *see* Matsubara, K. 27849
Zhu, H.L. *see* Nakata, T. 27852
Zhu, J., Bogner, R.E., Pope, K.J. Multi-way track association for over the horizon radar 27081
Zhu, J., Lubkeman, D.L. Object-oriented development of software systems for power system simulations 60222
Zhu, J.-W., Agrawal, P., Gajski, D.D. RT level power analysis 41120
Zhu, J.-X., Wang, Z.D., Gong, C.-D. Hole tunneling through highly transparent symmetric double-barrier semiconductor structures 31955
Zhu, J.G., Hui, S.Y.R., Ramsden, V.S. Modelling low and high frequency magnetic cores with a generalised dynamic circuit 43708
Zhu, J.G., White, C.W., Wallis, D.J., Budai, J.D., Withrow, S.P., Henderson, D.O. Synthesis and properties of GaAs nanocrystals in SiO_2 formed by ion implantation 12667
Zhu, J.G. *see* Henderson, D.O. 42126
Zhu, J.G. *see* Ueda, A. 12666
Zhu, J.J. *see* Xiu-Feng Han 43628
Zhu, J.Q. *see* Li Biao 30819
Zhu, J.T., Clawson, A.R., Yu, P.K.L. High quality $In_{1-x}(Ga_x)As_yP_{1-y}$-InP compressive strained quantum well structures grown by LP-MOCVD 22423
Zhu, J.T. *see* Jiang, H. 58354
Zhu, J.T. *see* Welstand, R.B. 3457
Zhu, J.Z., Zienkiewicz, O.C. A posteriori error estimation and three-dimensional automatic mesh generation 40264
Zhu, K. Analysis of response of the electromagnetic induction for detecting of buried objects 8360
Zhu, L., Vlach, J., Valsa, J. Accelerated almost periodic steady state of switched networks 11161
Zhu, L.D. *see* Norris, P.E. 10797
Zhu, M. *see* Macfarlane, R.M. 44712
Zhu, M. *see* Singh, T. 20632
Zhu, N., Chiang, F.P. Vibration mode shape identification by digital speckle correlation (DISC) 48932
Zhu, N.H., Qiu, W., Pun, E.Y.B., Chung, P.S. Quasi-static analysis of shielded microstrip transmission lines with thick electrodes 45295
Zhu, P. *see* Yasuda, A. 7008
Zhu, Q., Li, L., Masteller, M.S., Del Corso, G.J. An increase of structural order parameter in Fe-Co-V soft magnetic alloy after thermal aging 13412
Zhu, Q.D., Lin, Q. Subconvergence of finite elements and a self-adaptive algorithm 642
Zhu, Q.X. *see* Hai Liu 19864
Zhu, R.Y. *see* Alexeev, G. 59200
Zhu, S., Lin, C., Zhuo, Z., Chen, L., Lin, Z., Gao, J. Studies on dopant redistribution in SIMOX material implanted with F^+ ions 42305
Zhu, S.M. *see* Huang, X.D. 54360
Zhu, S.N. *see* Guo, X.L. 10882
Zhu, S.N. *see* Guo, X.L. 52807
Zhu, T. *see* Tehrani, S. 43728
Zhu, T.X. *see* Tso, S.K. 60254
Zhu, W., Akbar, S.A., Asiaie, R., Dutta, P.K. Sintering and dielectric properties of hydrothermally synthesized cubic and tetragonal $BaTiO_3$ powders 32681
Zhu, W., Wang, Y., Deng, Y., Yao, Y., Barbour, R.L. A wavelet-based multiresolution regularized least squares reconstruction approach for optical tomography 49548
Zhu, W. *see* Cave, J. 38377
Zhu, W. *see* Fan, F. 25321
Zhu, W.H. *see* Soreide, N.N. 50114
Zhu, W.P. *see* You, J. 25407
Zhu, W.R. *see* Kang, S.S. 13413
Zhu, X. *see* Ling, A.C.H. 45561
Zhu, X. *see* Zhou, Y. 35392
Zhu, X.-M. *see* Ao, P. 23407
Zhu, X.-Y. *see* Conrad, S. 10877
Zhu, X.D., Sung-Po Wei, Xiao Wen Guo Imaging objects in tissuelike media with optical tagging and the diffuse photon differential transmittance 28154
Zhu, X.R., Harding, R.A. The computer modelling of the semi-levitation melting of metals 29907
Zhu, X.X. *see* Feng, X. 60557
Zhu, X.X. *see* Xiao Feng 29089
Zhu, Y., Seneviratne, L.D. Optimal polygonal approximation of digitised curves 56594
Zhu, Y., Seneviratne, L.D., Earles, S.W.E. General plane curve matching under affine transformations 35218
Zhu, Y. *see* Chemikov, S.V. 13998
Zhu, Y. *see* Chernikov, S.V. 55520
Zhu, Y. *see* Fukumoto, Y. 13483
Zhu, Y. *see* Song, W. 39091
Zhu, Y.C. *see* Ohshima, Y. 18083
Zhu, Y.M. *see* Kaftandjian, V. 990
Zhu, Y.M. *see* Karoubi, B. 60125
Zhu, Y.S., Leung, S.W., Wong, C.M. Adaptive nonuniform sampling delta modulation for audio/image processing 24905
Zhu, Y.S. *see* Leung, S.W. 35364
Zhu, Y.Y. *see* Guo, X.L. 10882
Zhu, Y.Y. *see* Guo, X.L. 52807
Zhu, Y.Y. *see* Xiao, R.F. 23098
Zhu, Z., Hong, W., Chen, Y., Wang, Y. Electromagnetic modelling and transient simulation of interconnects in high speed VLSI circuits 13077
Zhu, Z., Mouftah, H.T., Martin, P., Winters, G.A. A management information base for the real-time transport protocol 46802
Zhu, Z. *see* Bagnall, D.M. 55710
Zhu, Z. *see* Cao, H. 57364
Zhu, Z. *see* Hong, W. 11105
Zhu, Z. *see* Jung, H.D. 42381
Zhu, Z. *see* Narusawa, T. 30765
Zhu, Z. *see* Shao, Y. 8345
Zhu, Z. *see* Wang, J. 52823
Zhu, Z. *see* Wang, R. 7232
Zhu, Z. *see* Zhang, B. 51047
Zhu, Z.-H. *see* Christenson, G.L. 36113
Zhu, Z.-H. *see* Ejeckam, F.E. 36554
Zhu, Z.H. *see* Lo, Y.H. 44044
Zhu, Z.H. *see* Qian, Y. 23901
Zhu, Z.H. *see* Tran, A.T.T.D. 26724
Zhu, Z.Q. *see* Ng, K. 9280
Zhu Anli, Shuai Junqing On requirements for function of integrated automation system in 35 kV and 110 kV substation 60962
Zhu Baoshan *see* Chen Naixiang 29147
Zhu Bing Lian, Cuo Chang Xiu A subband analysis/synthesis based on Hadamard Transform 57145
Zhu Changchun *see* Huangfu Lujiang 17707
Zhu Changchun *see* Li Tianying 12081
Zhu Changzhong *see* Changzhong Zhu
Zhu Chingming, Ruan Xinchang, Lu Zhigang, Johnston, S.L. Chinese National Cumulative Index on Radar Systems: 1988-1994 6870
Zhu Chun-Ning *see* Chun-Ning Zhu
Zhu Chunxiang *see* Hao Yue 367
Zhu Congshan *see* Congshan Zhu
Zhu Dajun *see* Liu Shenggang 14674
Zhu Dajun *see* Liu Shenggang 56098
Zhu Dan *see* Huang Yongchang 9495
Zhu Daoben *see* Liu Shenggao 31902
Zhu Daoli *see* Daoli Zhu
Zhu Deheng *see* Tan Kexiong 29231
Zhu Deheng *see* Zhao Xiushan 17738
Zhu Deming *see* Zhang Chaohai 60330
Zhu Desheng, Chong Weng Hoe, Lau Chee Kin Modeling of radiated electromagnetic emission coming from interface cables of an equipment 45185
Zhu Dong-qi *see* Dong-qi Zhu
Zhu Enjun *see* Li Guohui 3595
Zhu Fang, Fouracre, R.A., Farish, O. Investigations of surface charging of DC insulator spacers 38400
Zhu Fanlin *see* Zheng Rongchuan 17868
Zhu Furong *see* Furong Zhu
Zhu Gencai *see* Wang Lishing 21897
Zhu Guangyong *see* Guangyong Zhu
Zhu Guo-Qing *see* Fang Kui 532
Zhu Guoliang, Yuan Mingwen, Liu Chenhui, Qiu Wei, Nie Huijun Development of GaAs pseudomorphic HEMTs at W-band 53613
Zhu Guoying *see* Wang Weihua 18139
Zhu Haijun *see* Lu Xuekun 32148
Zhu Hong *see* Hong Zhu
Zhu Hong-Liang *see* Hong-Liang Zhu
Zhu Hongbo *see* Hongbo Zhu
Zhu Honggang *see* Zhou Guangyi 26676
Zhu Hongliang *see* Zhang Jizhi 55603
Zhu Hongsheng *see* Hongsheng Zhu
Zhu Huiying, Liu Xingchun Measuring system of Doppler frequency with high resistance 36240
Zhu Jian *see* Pan Xiaoning 44430
Zhu Jian-Gang *see* Jian-Gang Zhu
Zhu Jianguo *see* Jianguo Zhu
Zhu Jianhua, Zeng Hongjun, Guo Lurong Research on imaging mechanism of a novel photoetching holographic recording material: PCF 44824
Zhu Jianhua *see* Tang Jiyue 55921
Zhu Jianhua *see* Zeng Hongjun 44823
Zhu Jianhua *see* Jianhua Zhu
Zhu Jiansen *see* Jiansen Zhu
Zhu Jianwei *see* Lin Huamao 54900
Zhu Jianwei *see* Jianwei Zhu
Zhu Jianzhong *see* Jianzhong Zhu
Zhu Jiazhen *see* Wang Gengguo 14618
Zhu Jiemei *see* Jiemei Zhu
Zhu Jinbo *see* Hu Guangrui 14865
Zhu Jing *see* Xu Li 10349
Zhu Jing *see* Jing Zhu
Zhu Jingsheng *see* Jingsheng Zhu
Zhu Jinhua *see* Lai Weiquan 49281
Zhu Jintian *see* Jintian Zhu
Zhu Jiqian, Chu Junhao, Li Biao, Chen Xinqiang, Cao Juying, Cheng Jijian Morphology improvement of the $Hg_{1-x}Cd_xTe$ liquid-phase epilayers by meltback step 2050
Zhu Jiqian, Chu Junhao, Zhang Xiaoping, Cheng Jijian Study of zinc inclusions/precipitates in CdZnTe crystals 30720
Zhu Jishan *see* Jishan Zhu
Zhu Jun *see* Jun Zhu
Zhu Junbiao *see* Junbiao Zhu
Zhu Junfan *see* Chen Jieping 53592
Zhu Junguo *see* Zhang Bingzhong 36883
Zhu Kun *see* Luo Yusun 38225
Zhu Lei *see* Lei Zhu
Zhu Li *see* Li Zhu
Zhu Li'an *see* Sun Changyin 12065
Zhu Li'an *see* Zhang Shuming 12074
Zhu Liangpu *see* Guo Huadong 28606
Zhu Lixin *see* Xu Xiaoliang 3321
Zhu Lixin *see* Zhang Kan 47902
Zhu Lizhi, Qu Wenlong, Li Fahai, Shen Songhua A novel soft-switching full-bridge PWM DC/DC converter with auxiliary resonant commutating network 51311
Zhu Lizhong *see* Lizhong Zhu
Zhu Luo *see* Luo Zhu
Zhu Meifang *see* Xu Huaizhe 12494
Zhu Min Min *see* Min Zhu Min
Zhu Ning *see* Ning Zhu
Zhu Ning Yan *see* Ning Yan Zhu
Zhu Ningjia *see* Ningjia Zhu
Zhu Oon-Pyo *see* Oon-Pyo Zhu
Zhu Peiwang, Yu Congxuan, Liu Jingyong, Song Yinglin, Li Chunfei Polydiacetylene–a new kind of optical limiting material 3315
Zhu Qi Time delay estimation for array signal processing 56545
Zhu Qi *see* Qi Zhu
Zhu Qin *see* Chen Kejian 3702

Zhu Qing The enhancement and improvement of practical functions for electric network dispatching automation system in the Huangshi area 38289
Zhu Qing *see* Xing Qingbin 10452
Zhu Qing *see* Qing Zhu
Zhu Sha *see* Sun Fai 54371
Zhu Shan *see* Shan Zhu
Zhu Shao min *see* Shao min Zhu
Zhu Shaoming *see* Peng Xiang 27954
Zhu Shi-Ning *see* Shi-Ning Zhu
Zhu Shi-Yang, Lin Cheng-Lu, Li Jin-Hua Transient radiation effects in CMOS inverters fabricated on SIMOX and BESOI wafers 13136
Zhu Shi-Yang *see* Zhang Miao 54289
Zhu Shifu, Zhao Beijun, Liu Jun, Jiang Hongan, Li Zhenghui, Li Weitang Synthesis of high-quality $AgGaSe_2$ polycrystalline material by the melt temperature oscillation method 10628
Zhu Shifu *see* Liu Jun 22343
Zhu Shijing, Wang Xianjia, Chen Ting On incentive equlibria for dynamic games 30444
Zhu Shiping *see* Shiping Zhu
Zhu Shiqun *see* Shiqun Zhu
Zhu Song Chun *see* Song Chun Zhu
Zhu Songping *see* Songping Zhu
Zhu Tiancheng *see* Zhao Chongde 37210
Zhu Tingying *see* Tingying Zhu
Zhu Tuo *see* Zhang Yixin 46396
Zhu Wei *see* Zhang Yong 29229
Zhu Wei-Ping *see* Wei-Ping Zhu
Zhu Weidong *see* Weidong Zhu
Zhu Weili, Yi Jingzeng, Che Shuliang The new holographic optical elements for pseudo-color coding 44827
Zhu Weiping A closed-form solution to the design problem of 2-D FIR digital filters with arbitrary frequency responses 11593
Zhu Weiqing *see* Weiqing Zhu
Zhu Wen Hu, Qian Ling Computer system of automatic test for photoelectric coupler 58641
Zhu Wenting *see* Wu Yi 38288
Zhu Wenwu *see* Wenwu Zhu
Zhu Wenzhang *see* Shen Qihua 840
Zhu Xiao-Ping *see* Xiao-Ping Zhu
Zhu Xiao-Wei *see* Xiao-Wei Zhu
Zhu Xiaojun *see* Xiaojun Zhu
Zhu Xiaoming *see* Du Shuanyi 47560
Zhu Xiaosong *see* Xiaosong Zhu
Zhu Xiaoyu *see* Zhou Xiaokuan 35028
Zhu Xieqing *see* Xieqing Zhu
Zhu Xiequing *see* Xiequing Zhu
Zhu Xiuwen *see* Xiuwen Zhu
Zhu Xu *see* Xiaoyuan He 35322
Zhu Xuan *see* Zhang Jishi 55972
Zhu Xuejun *see* Littlewood, P.B. 42159
Zhu Xuelong *see* Wen Jiangtao 4747
Zhu Xuelong *see* Wen Jiangtao 14844
Zhu Xuelong *see* Xuelong Zhu
Zhu Xuezhong *see* Chen Hao 29667
Zhu Ya Jiang *see* Huang Lin Gyi 53157
Zhu Yaming, Zheng Yuping, Ye Feng, Gu Jiechun, Wang Zhenghang Performance and digital realization of transformer differential relay based on dead angle philosophy 38798
Zhu Yan *see* Yan Zhu 28215
Zhu Yan *see* Yan Zhu
Zhu Yin-Ming *see* Yin-Ming Zhu
Zhu Ying, Yang Jiawei, Guo Tiyun A comparison of routing schemes of a field regional communication network 46807
Zhu Ying *see* Ying Zhu
Zhu Yong *see* Yong Zhu
Zhu Yong-Tai *see* Xu Hu-Shan 18113
Zhu Yong-Yuan *see* Yong-Yuan Zhu
Zhu Yongchang *see* Yongchang Zhu
Zhu Yongfei *see* Yongfei Zhu
Zhu Yu *see* Yu Zhu
Zhu Yunsu *see* Ding Yaogen 53990
Zhu Yuqing *see* Yuqing Zhu
Zhu Yutao, Wang Xinheng, Xie Hengkun, Liu Yaonan Ionic charge accumulation at microscopic interfaces in filled composites 13259
Zhu Zhaoda *see* Zhaoda Zhu
Zhu Zhencai *see* Chen Jie 3484
Zhu Zheng *see* Zheng Zhu
Zhu Zhenglian *see* Zhou Bo 60785
Zhu Zhenqing *see* Wang Weisheng 28740
Zhu Zhigang, Lin Xueyin, Zhang Qiang, Xu Guangyou, Shi Dingji Digital image stabilization for tele-operation of a mobile robot 5238
Zhu Zhigang, Xu Guangyou Neural networks for omni-view road image understanding 15836
Zhu Zhiwei *see* Ge Debiao 14550
Zhu Zhiwen *see* Liu Zhong 15152
Zhu Zhongde *see* Fang Zhigao 59120
Zhu Zimin *see* Zimin Zhu
Zhu Ziqiang *see* Ziqiang Zhu
Zhua, K. *see* Yao-Wen Chang 1311
Zhuan-Ke Chen, Sawa, K. Effect of arc behavior on material transfer: a review 11828
Zhuang, D., Chen, G. The study of diamond film for the use of field emission cathode by magnetron sputtering 22173
Zhuang, J. *see* Goyal, V.K. 57249
Zhuang, L. *see* Chou, S.Y. 44513
Zhuang, N., Benten, M.S.T., Cheung, P.Y.K. Improved variable ordering of BDDs with novel genetic algorithm 499
Zhuang, N. *see* Luk, W. 11419
Zhuang, T. *see* Wang, H. 56853
Zhuang, W. Noncoherent hybrid parallel PN code acquisition for CDMA mobile communications 6531
Zhuang, W. RLS algorithm with variable forgetting factor for equalizing time-variant fading channels 45971
Zhuang, W. *see* Zhang, X. 47818
Zhuang, X., Vass, J., Chai, B.-B. Low bit rate morpho-subband coding 57366
Zhuang, Y., Baras, J.S. Constructing optimal wavelet basis for image compression 25438
Zhuang, Y. *see* Giannini, C. 42220
Zhuang Hanqi *see* Hanqi Zhuang
Zhuang Hou *see* Vendier, O. 36171
Zhuang Jiejia *see* Jiejia Zhuang
Zhuang Jun, Tan Weihan Instability of a multimode oscillation in a photorefractive ring oscillator 33728
Zhuang Lei *see* Lei Zhuang
Zhuang Li *see* Jun Yu 43584
Zhuang Qi *see* Duo Liping 23755
Zhuang Qi *see* Li Bin 3698
Zhuang Wan *see* Wan Zhuang
Zhuang Weihua *see* Weihua Zhuang
Zhuang Wenjun *see* Chen Zhichao 2765
Zhuang Wenjun *see* Wenjun Zhuang
Zhuang Xinfu *see* Ge Hongjuan 60913
Zhuang Xinhua *see* Xinhua Zhuang
Zhuang Yiqi, Sun Qing, Hou Xun g-r noise modelling and deep-level analysis for bipolar transistors 2605
Zhuang Yueting, Pan Yunhe, He Zhijun OOADS: an object-oriented design model for advertising CAD system 15832
Zhuang Zhaowen *see* Zhang Liang 7214
Zhuang Zhaowen *see* Zhaowen Zhuang
Zhuang Zhuo, Chong, T.C., Chow, Y.T. Formation and properties of proton-exchanged Z-cut $MgO:LiNbO_3$ crystal waveguides 33084
Zhuang Zhuo, Tow Chong Chong, Yuk Tak Chow Formation and anisotropic properties of ion-exchanged $KTiOPO_4$ crystal waveguides 33071
Zhuangzhi Wang *see* Wang Zhuangzhi
Zhuanyun Guo *see* Yong-Jing Wang 13739
Zhuanzhi Jin *see* Jin Zhuanzhi
Zhuber-Okrog, K. A standard SPICE model for MQW lasers modeling capture/escape and carrier transport 33480
Zhuck, N.P., Batrakov, D.O., Omar, A.S. Remote probing of a uniaxial plane-layered medium using an incident wave with a varied state of polarization 31030
Zhuck, N.P., Omar, A.S. Scalarization approach in the theory of electromagnetic waves in generally bianisotropic stratified media 33988
Zhuck, N.P., Omar, A.S. Scalarization approach in the theory of EM waves in a plane-layered bianisotropic medium: general formulations–summary 34005
Zhudeng Wang, Yandong Yu TL-subrings and TL-ideals. 2. Generated TL-ideals 52478
Zhuhong Fang *see* Fang Zhuhong
Zhuikov, B.L. *see* Esin, S.K. 37208
Zhuikov, V.A. *see* Zyryanov, V.Ya. 3336
Zhuk, A.A. *see* Dalinenko, I.N. 27145
Zhuk, N.P. *see* Bagatskaya, O.V. 45009
Zhuk, N.P. *see* Martynov, V.N. 19736
Zhukarev, A.S. *see* Aleshkevich, V.A. 3366
Zhukarev, A.S. *see* Aleshkevich, V.A. 33001
Zhukov, A., Gomez-Polo, C., Crespo, P., Vazquez, M. Axial and transverse magnetization processes of glass-coated amorphous microwires 3058
Zhukov, A.E., Egorov, A.Yu., Kovsh, A.R., Ustinov, V.M., Maksimov, M.V., Tsatsul'nikov, A.F., Ledentsov, N.N., Gordeev, N.Yu., Zaitsev, S.V., Kop'ev, P.S., Alferov, Z.I., Bimberg, D. Thermal stability of vertically coupled InAs-GaAs quantum dot arrays 44487
Zhukov, A.E., Egorov, A.Yu., Ustinov, V.M., Tsatsul'nikov, A.F., Maksimov, M.V., Faleev, N.N., Kop'ev, P.S. Influence of mismatch of the lattice parameters on the structural, optical, and transport properties of InGaAs layers grown by molecular beam epitaxy on InP(100) substrates 41934
Zhukov, A.E. *see* Kop'ev, P.S. 23931
Zhukov, A.E. *see* Ledentsov, N.N. 2177
Zhukov, A.E. *see* Ledentsov, N.N. 24005
Zhukov, A.E. *see* Shernyakov, Yu.M. 55653
Zhukov, A.E. *see* Tsatsul'nikov, A.F. 12328
Zhukov, A.E. *see* Tsatsul'nikov, A.F. 12383
Zhukov, A.E. *see* Zaitsev, S.V. 44520
Zhukov, A.V., Matyukhin, N.M., Sorokin, A.P., Ushakov, P.A. Temperature fields in the fuel assemblies of fast reactors 29037
Zhukov, B., Oertel, D., Lehmann, F., Strobl, P. Unmixing of satellite thermal images: simulation and application to TM/Landsat data 8379
Zhukov, B., Oertel, D., Strobl, P., Lehmann, F., Lehner, M. Fusion of airborne hyperspectral and multispectral images 15776
Zhukov, B. *see* Drobyshevski, E. 33892
Zhukov, B. *see* Strobl, P. 18799
Zhukov, G.V., Kazakevich, V.S., Morozov, K.V., Popkov, G.N. Emission spectrum of a pulsed electron-beam-controlled CO laser supplied from a pulse-forming LC line 55488
Zhukov, M.F., Peregudov, V.S. Plasma technology for pulverized-coal boiler firing 38616
Zhukov, M.F., Shchukin, V.G., Neronov, V.A., Klobertants, A.Ya., Marusin, V.V. Induction pulse hardening of parts of thermal power equipment 38600
Zhukov, V.M. *see* Egorov, N.V. 22157
Zhulina, Yu.V. *see* Ivashov, D.B. 6910
Zhumaliev, K.M. *see* Akaev, A.A. 56602
Zhuo, L. *see* Fengling, H. 50562
Zhuo, Z. *see* Zhu, S. 42305
Zhuo Liu *see* Liu Zhuo
Zhuo Xu *see* Xu Zhuo
Zhuo Zhuang *see* Zhuang Zhuo
Zhuojun Liu *see* Liu Zhuojun
Zhuolin Luo *see* Luo Zhuolin
Zhuravel', A.P. *see* Lukashenko, A.V. 13496
Zhuravel', A.P. *see* Sivakov, A.G. 3296
Zhuravlev, F.A., Orlova, N.A., Plekhanov, A.I., Rautian, S.G., Safonova, V.P., Chubakov, P.A., Shelkovnikov, V.V. The cubic susceptibility of thin films of pseudoisocyanine J-aggregates 24140
Zhuravlev, L.S. *see* Man'kina, N.N. 19541
Zhuravlev, O.A., Fedosov, A.I. Formation of a uniform surface discharge at a moving electrode with a dielectric coating 12061
Zhuravleva, N.M. *see* Andreev, A.M. 19942
Zhurik, Yu.P. *see* Gudelev, V.G. 13924
Zhurik, Yu.P. *see* Gudelev, V.G. 44332
Zhurkin, V.V. *see* Akimov, V.A. 28024
Zhuxing Zhao, Zhongcheng Li, Yinghua Min Waveform polynomial manipulation using BDDs 52941
Zhuyuan Hu *see* Jianhong Wu 44793
Zhuyuan Hu *see* Linsen Chen 44796
Zhuzhou Chen *see* Chen Zhuzhou
Zhuzhukalo, E.V. *see* Bugrov, A.E. 55760
Zi Hua Wang Analysis of graded-index optical fibers by expansion of the fields in terms of partial-waveguide modes 43960
Zi-Cai Li Analysis of discrete techniques for image transformation 35289
Zi-Cai Li Parallel penalty combinations for singularity problems 40275
Zi-Long Hu *see* Hu Zi-Long
Zi-Luan Wei *see* Wei Zi-Luan
Zia Ul Haq *see* Basheer Ahmed, S. 28991
Ziaja, J. *see* Mazurek, B. 22162
Ziaja, T., Swartzlander, E., Jr. Comprehensive modeling of VLSI test 32517
Ziao, M. *see* Niimura, T. 19434
Ziaofeng Fan *see* Yujing Huo 3779
Ziapkov, N. *see* Yorgov, V. 45594
Ziari, M. *see* Geraghty, D.F. 44696
Ziari, M. *see* Verdiell, J.-M. 26885
Ziari, M. *see* Verdiell, J.-M. 43952
Ziavras, S.G., Sideras, M.A. Facilitating high-performance image analysis on reduced hypercube (RH) parallel computers 4965
Zibiao Wei *see* Yujing Huo 3779
Zibrov, A.S. *see* Nikonov, D.E. 13957
Zibulski, M., Zeevi, Y.Y. Signal- and image-component separation by a multi-window Gabor-type scheme 5577
Zicai Liang, Bo Jiang, Yuxing Gu Hydrogen bonding and Debye relaxation in nylon 11 54952
Zichichi, A. *see* Cerron Zeballos, E. 37278
Zick, W. *see* Schnitzer, P. 3851
Zick, W. *see* Schnitzer, P. 48002
Zick, W. *see* Schnitzer, P. 58385
Zickgraf, B. *see* Schneider, G.A. 21374
Zidane, R. Seeking harmony [ATM and IP] 25933
Zidong Wang *see* Wang Zidong
Zidong Wei, Hetong Guo, Zhiyuan Tang Methanol electro-oxidation on platinum and platinum-tin alloy catalysts dispersed on active carbon 9533
Zidong Wei, Hetong Guo, Zhiyuan Tang Heat treatment of carbon-based powders carrying platinum alloy catalysts for oxygen reduction: influence on corrosion resistance and particle size [fuel cells] 29602
Zidowitz, S., Inhester, B., Epple, A. Tomographic inversion of coronagraph images 25591
Zieger, B. *see* Satori, G. 45138
Ziegler, E., Hignette, O., Lingham, M., Souvorov, A. X-ray focusing using elliptically bent multilayers 37067
Ziegler, J. *see* Cabanski, W. 17501
Ziegler, L.H. Sensitivity of photoconductive GaAs detectors to pulsed electrons 37331
Ziegler, M. *see* Panis, S. 56672
Ziegler, R. *see* Grosskopf, S. 25254
Ziegler, W. *see* Clevenger, L.A. 42748
Ziegler, W. *see* Ottova-Leitmannova, A. 7438
Ziel, J.P.van der *see* van der Ziel, J.P.
Zielczynski, M., Golnik, N., Shvidkij, S.V. Recombination chamber and a measuring system with sensitivity sufficient for in-flight and low-level dosimetry 18574
Zielinska, T. Shear force sensor for robots 7599
Zielinska, T. *see* Brudka, M. 7576
Zielinski, A., Hildenbrand, D. Observation and simulation of armature contact performance in the cannon-caliber electromagnetic gun 24414
Zielinski, A. *see* Lixue Wu 48404
Zielinski, A. *see* Zielinski, T. 8466
Zielinski, A.E., Soencksen, K., Webb, D.W., Weinacht, P. Integrated launch package performance in the cannon-caliber launcher 24415
Zielinski, A.E., Werst, M.D. Cannon-caliber electromagnetic launcher 33910
Zielinski, A.P. *see* Jirousek, J. 40255
Zielinski, E., Lach, E., Bouyad-Amine, J., Haisch, H., Kuhn, E., Schilling, M., Weber, J. Monolithic

multisegment mode locked DBR laser for wavelength tunable picosecond pulse generation 44584
Zielinski, E. *see* Haisch, H. 26831
Zielinski, J. Liquid crystal displays in flat information displays area 17697
Zielinski, J.S. EMS solving problem in transformation period of Polish electricity distribution company 19223
Zielinski, M. *see* Dygdala, R.S. 7163
Zielinski, T., Zielinski, A. Thickness of the mixed atmosphere layer above the sea surface determined by means of the lidar method 8466
Zielke, S., Casey, J. Easing growing pains with TR-303 6412
Zielonka, A. *see* Gulski, E. 9182
Zielonka, A. *see* Gulski, E. 38792
Ziemann, O. Research and application of plastic optical fibres 55182
Ziemann, O. *see* Priotti, P. 26392
Ziemba, F.P. *see* Walton, J.T. 59281
Ziemer, R.E. *see* Rezeanu, S.-C. 35904
Zien, J.Y., Schlag, M.D.F., Chan, P.K. Multi-level spectral hypergraph partitioning with arbitrary vertex sizes 11095
Zienkiewicz, O.C. *see* Zhu, J.Z. 40264
Zierl, C. *see* Lanser, S. 5130
Zietak, K. Orthant-monotonic norms and overdetermined linear systems 40166
Zietz, S., Satriano, J.H., Geneva, A. Development of a physically-based ocean bottom classification analysis system using multibeam sonar backscatter 50000
Zietz, S. *see* Fusillo, L. 38046
Ziezold, H. *see* Zahle, M. 10495
Zifei Wang, Dowling, E.M. Block Shanno constant modulus algorithm for wireless equalizations 25801
Zifeng Ye *see* Ye Zifeng
Zigang Pan, Altman, E., Basar, T. Robust adaptive flow control in high speed telecommunication networks 35397
Zigangirov, K.S. *see* Wilhelmsson, L. 35466
Zigliotto, M. *see* Bolognani, S. 9381
Zigliotto, M. *see* Bolognani, S. 29722
Zigliotto, M. *see* Bolognani, S. 60856
Zigliotto, M. *see* Bolognani, S. 61135
Zihika, V. *see* Bunda, V.V. 43833
Zihua Xu *see* Xu Zihua
Zijdenbos, A., Evans, A., Riahi, F., Sled, J., Chui, J., Kollokian, V. Automatic quantification of multiple sclerosis lesion volume using stereotaxic space 18502
Zijian Zhou *see* Langevin, M. 5848
Zijing Zhang *see* Zhang Zijing
Zijl, P.C.M.van *see* van Zijl, P.C.M.
Zijlstra, T. *see* Maes, J.W.H. 42422
Zijlstra, T. *see* Van Veen, R.G. 42496
Zijlstra, T. *see* Voorma, H.-J. 42852
Zijlstra, Y. *see* Maes, J.W.H. 40435
Zijp, J.van der *see* van der Zijp, J.
Zijun liu *see* liu Zijun
Zijun Yuan *see* Yuan Zijun
Zikes, B.C. *see* Donnelly, D.E. 61331
Zikov, A.M. *see* Bochkov, V.D. 24377
Zilberstein, G.V., Niztaev, A. A diffusion model of high voltage breakdown in liquid dielectrics 23146
Zilbersteyn, Y. *see* Zingerman, W. 17174
Zilberter, Y.I. *see* Starobin, J.M. 59576
Zili Deng *see* Deng Zili
Zili Tong *see* Tong Zili
Ziliang Feng *see* Feng Ziliang
Ziller, M. *see* Winterer, G. 59700
Zilli, G. Parallel method for sparse non-symmetric linear and non-linear systems of equations on a transputer network 30595
Zilliacus, R. *see* Sarlund, J. 9552
Zillmann, U. *see* Herzel, F. 42940
Zilong Jiang Phase maps based on the Lorenz-Mie theory to optimize phase Doppler particle-sizing systems 48863
Zilovic, M.S., Ramachandran, R.P., Mammone, R.J. A fast algorithm for finding the adaptive component weighted cepstrum for speaker recognition 24842
Zilske, W. *see* Simon, J. 22093
Zima, E.V. *see* Abramov, S.A. 21023
Zimbelman, D., Anderson, M., Correll, T., Schnurr, R., Fennell, M. The attitude control system testbed for SWAS and future SMEX missions 49866
Zimeng Wang *see* Wang Zimeng
Zimering, R., Henriquez, C., Harrild, D. Recovery of cardiac transmembrane potential from extracellular potential in two-dimensional anisotropic tissue 49743
Zimin, A.M. *see* Elistratov, N.G. 23215
Zimin, A.M. *see* Nevrovsky, V.A. 23114
Zimin, S. *see* Antipov, Yu. 37230
Zimin, S. *see* Antipov, Yu. 37233
Zimin, S.P., Komarov, E.P. Capacitance of structures with a thick layer of porous silicon 12601
Zimin Zhu Gray characteristics of a color liquid-crystal television in the beam of a He-Ne laser 44086
Ziming Wu *see* Hongqiang Lu 42590
Ziming Wu *see* Hongqiang Lu 52725
Zimm, C.B., Johnson, J.W., Murphy, R.W. Test results on a 50 K magnetic refrigerator 51868
Zimmels, Y. Thermodynamics of electroquasistatic systems: the parallel plate capacitor 21992
Zimmer, G. *see* Aslam, A. 48694
Zimmer, G. *see* Kuck, H. 13164
Zimmer, J.E. *see* Hynynen, K. 28423
Zimmer, M. *see* Oberheide, J. 59344
Zimmer, P. *see* Duncan, T.E. 40223
Zimmer, R.M. *see* Mandal, C. 21688
Zimmer, T., Berkner, J., Branciard, B., Lewis, N., Duluc, J.B., Dom, J.P. Method for determining the effective base resistance of bipolar transistors 22780
Zimmer, T., Verdier, F., Danto, Y. IC testing course performed in industrial and research environment 9907
Zimmer, T. *see* Duluc, J.B. 54731
Zimmer, Y., Tepper, R., Akselrod, S. A two-dimensional extension of minimum cross entropy thresholding for the segmentation of ultrasound images 28224
Zimmer, Y., Tepper, R., Akselrod, S. An improved method to compute the convex hull of a shape in a binary image 56912
Zimmerer, B. *see* Kocha, S. 17568
Zimmerman, A.H. *see* Thaller, L.H. 29568
Zimmerman, E.B., Colwell, G.T. Transient modeling of the thermal behavior of outdoor electronic cabinets 35870
Zimmerman, J. *see* Dolbear, T.P. 41722
Zimmerman, M.A. *see* DiFilippo, V. 10095
Zimmerman, N.M. A simple fabrication method for nanometer-scale thin-metal stencils 42846
Zimmerman, N.M., Clark, A.F., Williams, E.R. Results of capacitance ratio measurement for the single electron pump-capacitor charging experiment 27315
Zimmerman, N.M. *see* Avramov-Zamurovic, S. 27251
Zimmerman, N.M. *see* Keller, M.W. 27314
Zimmerman, R.L. *see* Rodrigues, M.G. 34113
Zimmerman, R.L. *see* Taylor, T. 13668
Zimmerman, S. *see* Antos, J. 37373
Zimmerman, S.M. *see* Jones, G.W. 18617
Zimmerman, T. *see* Angstadt, R. 59309
Zimmerman, T. *see* Antos, J. 37373
Zimmerman, T.G. Personal area networks: near-field intrabody communication 16427
Zimmerman, T.G., Smith, J.R., Paradiso, J.A., Allport, D., Gershenfeld, N. Applying electric field sensing to human-computer interfaces 48801
Zimmerman, W.R. Time domain solutions to partial differential equations using SPICE 11154
Zimmermann, C. Dual voltage locomotive type Class 92 for freight and night passenger services through the Channel Tunnel and in Britain 51800
Zimmermann, C., Walz, J., Haensch, T.W. Solid-state laser sources for (anti)hydrogen spectroscopy 44519
Zimmermann, E., Dandliker, R., Willemin, J.-F. Full-dynamic phase-demodulator for heterodyne interferometric vibration measurements [in inner ear] 49540
Zimmermann, F., Raubenheimer, T.O. Compensation of longitudinal nonlinearities in the NLC bunch compressor 17992
Zimmermann, F. *see* Assmann, R. 49109
Zimmermann, F. *see* Breidenbach, M. 37151
Zimmermann, F.-J. *see* Kretschmer, E. 48215
Zimmermann, G., Ougazzaden, A., Gloukhian, A., Rao, E.V.K., Delprat, D., Ramdane, A., Mircea, A. Selective area MOVPE growth of InP, InGaAs and InGaAsP using TBAs and TBP at different growth conditions 52646
Zimmermann, G., Rosenberger, M., Dostert, S. Theoretical bit error rate for uncoded and coded data transmission in digital audio broadcasting 7032
Zimmermann, G. *see* Mircea, A. 40488
Zimmermann, H. Monolithic bipolar-, CMOS-, and BiCMOS-receiver OEICs 47990
Zimmermann, H., Keller, R.C., Meisen, P., Richter, H.J., Seelmann-Eggebert, M. Interface formation between deposited Sn and $Hg_{0.8}Cd_{0.2}Te$ 701
Zimmermann, H. *see* Lugscheider, E. 40707
Zimmermann, H. *see* Madlung, J. 37103
Zimmermann, J. *see* Negoi, A. 53305
Zimmermann, K. *see* Daree, K. 24432
Zimmermann, P. Concurrent engineering approach to the development of the TM6000 52118
Zimmermann, R. *see* Ghandeharizadeh, S. 47346
Zimmermann, R. *see* Grosse, F. 10721
Zimmermann, S., Williamson, G.A. Subband adaptive filters with zero alias component constraints 15397
Zimmermann, S. *see* Apostolopoulos, N. 6219
Zimmermann, S. *see* Kemmler, M.W. 27612
Zimmermann, S. *see* Spahlinger, G. 27625
Zimmermann, U. *see* Bertagnolli, E. 2796
Zimmermann, U. *see* Clodius, D. 8797
Zimmermann, W. *see* Burger, J. 28046
Zimmermann, W. *see* Eick, W. 28034
Zimmermann, W. *see* Eick, W. 59238
Zimmermann, W.B.J., Jeanmeure, L.F.C. Simple model of equilibrium froth height for foams: an application for CNN image analysis 35101
Zimnyakov, D.A. Binary fractal image quantification using probe coherent beam scanning 57402
Zimprich, C. *see* Spika, Z. 40354
Zin Cho Nam *see* Nam Zin Cho
Zinets, O.S. *see* Khivrich, V.I. 28020
Zingaretti, P. *see* Conte, G. 46279
Zingaretti, P. *see* Tascini, G. 20970
Zingaretti, P. *see* Tascini, G. *(editor)* 75
Zinger, B. *see* Hong Yaoliang 33246
Zinger, D.S., Muljadi, E., Miller, A. A simple control scheme for variable speed wind turbines 38665
Zingerman, W., Zilbersteyn, Y., Bagaley, O., Kondratjuk, V. The state standard of magnetic induction unit 17174
Zingg, A. *see* Buchner, H. 43566
Zingg, W. Further education at BKW FMB Energie AG...to ensure the future 93
Zingg, W. *see* Studer, B. 23264
Zingoni, A. A new approach for the vibration analysis of symmetric mechanical systems. III. Two-dimensional systems 39616
Zini, G., Sarti, A., Lamberti, C. Application of continuum theory and multi-grid methods to motion evaluation from 3D echocardiography 59415
Zinin, V.I. *see* Dlugosel'skii, V.I. 29082
Zink, J.C. Fuel cells turn the corner 38669
Zink, J.C. Find the competitive edge with maintenance 50680
Zink, J.C. Who says you can't store electricity? 61107
Zink, L.R. *see* Vasconcellos, E.C.C. 44344
Zink, L.R. *see* Vasconcellos, E.C.C. 44346
Zink, L.R. *see* Zerbetto, S.C. 44345
Zink, M. *see* Borner, T. 17745
Zink, M. *see* Seifert, F.M. 27035
Zink, R. *see* Zhang, B. 49161
Zinkann, G.P., Billquist, P., Bogaty, J., Clifft, B., Munson, F., Nakagawa, K., Nolen, J., Pardo, R., Shepard, K.W., Specht, J., Sutherland, A., Tieman, B., Tilbrook, I. Current status of ATLAS and proposed expansion to an exotic beam facility 49144
Zinke, K., Spencer, R., Freeman, D. The effectiveness of defect-to-yield correlations [semiconductor manufacture] 32520
Zinke-Allmang, M. *see* Knights, A.P. 22535
Zinnemers, S.E. *see* Prins, M.W.J. 43011
Zinner, G. *see* Bonsch, G. 27230
Zinner, G. *see* Riehle, F. 7139
Zinner, G. *see* Schnatz, H. 27227
Zinner, G. *see* Schnatz, H. 27824
Zinner, K. *see* Nakatani, H.S. 7449
Zinoulis, T., Argirakis, I., Chadband, W.G., Auckland, D.W. The testing of transformer oil using partial discharge techniques 23250
Zinoulis, T., Argirakis, I., Chadband, W.G., Auckland, D.W. Using partial discharge techniques to characterise transformer oil 43549
Zinoulis, T. *see* Argirakis, I. 23139
Zinoulis, T. *see* Argirakis, I. 43446
Zinov'ev, A.V., Androshchuk, Yu.M. Automating checking pointer instruments and devices 7184
Zinov'ev, V.A. *see* Dvurechenskii, A.V. 40369
Zinoviev, D.Y. High-speed rapid single flux quantum (RSFQ) Batcher-banyan switching core 16497
Zinoviev, V. *see* Charpin, P. 45591
Zinoviev, V.A. On the equivalence of certain constant weight codes and combinatorial designs 45573
Zinow, B.-M. New developments of electricity economy in the USA 28800
Zinow, B.-M. *see* Grawe, J. 50493
Zins, D. *see* Bentivegna, F. 24188
Zinssner, V. *see* Perret, P. 52295
Zinth, W. *see* Hauger, C. 16973
Zinth, W. *see* Seel, M. 58738
Zio, E. On the use of the analytic hierarchy process in the aggregation of expert judgments 122
Zio, E., Apostalakis, G.E. Two methods for the structured assessment of model uncertainty by experts in performance assessments of radioactive waste repositories 39678
Zio, E. *see* Marseguerra, M. 9045
Ziock, H. *see* Bauer, C. 37326
Ziock, H. *see* Matthews, J.A.J. 37266
Ziock, H.J. *see* Bauer, C. 37378
Ziogas, P.D. *see* Campos, A. 29390
Ziola, S. *see* Searle, I. 7302
Ziolkowski, R.W. The incorporation of microscopic material models into the FDTD approach for ultrafast optical pulse simulations 44680
Ziolkowski, R.W. *see* Dvorak, S.L. 34104
Ziolo, J. *see* Gorny, M. 7527
Ziomek, C.D., Regan, A.H., Lynch, M.T., Bowling, P.S. Low-level RF control system issues for an ADTT accelerator 7710
Ziomek, C.D. *see* Regan, A.H. 37021
Ziomek, W., Moscicka-Grzesiak, H., Kuffel, E. Assessment of the state of mica-resin insulation using PD charge analysis and dielectric loss measurements 32694
Ziomek, W., Schlemper, H.-D., Feser, K. Computer aided recognition of defects in GIS 19917
Ziomek, W. *see* Moscicka-Grzesiak, H. 23203
Ziomek, W. *see* Nadolny, Z. 23208
Ziomi, L. *see* Dainelli, A. 49138
Ziomi, L. *see* Lombardi, A. 37117
Ziornek, W., Kuffel, E. Activity of moving metallic particles in prebreakdown state in GIS 60956
Ziou, D. *see* Wang, S. 57529
Zipes, D.P. *see* Sih, H.J. 37780
Ziping Jiang, Tsang, H.K., McCall, M.W. Numerical simulation of high power filament-free operation from double tapered semiconductor laser diodes 14137
Ziping Jiang, Tsang, H.K., Wei Wang, Zhijie Wang, Xiaojie Wang, Qiming Wang High power

picosecond pulse generation from a two-section InGaAsP-InP MQW complex-coupled DFB laser diode 55642
Zipp, J., Conroy, M., Behrendt, K., Gallen, T., Hasenwinkle, I., Hedding, R., Horwath, J., Jacobson, C., Kerrigan, P., Moskos, G., Pastore, C., Rebbapragada, V., Shroff, D., Sufana, C., Taylor, A., Varneckas, V., Wiedman, T. Protective relaying considerations for transmission lines with high voltage AC cables 28937
Zipp, J.A. *see* Udren, E.A. 38417
Zipp, J.A. *see* Udren, E.A. 38418
Zippel, S. *see* Boldt, P. 24182
Zippo, L. *see* Fina, A. 34046
Zippuro, M. *see* Shung, K.K. 18260
Ziqiang He *see* He Ziqiang
Ziqiang Hou *see* Hou Ziqiang
Ziqiang Pan *see* Pan Ziqiang
Ziqiang Yang *see* Yang Ziqiang
Ziqiang Zhu *see* Fang Lu 41908
Zirath, H. *see* Wang, S.M. 54690
Zirilli, F. *see* Costantini, M. 27071
Zirko, M. *see* Hine, N. 6172
Zirngibl, M., Joyner, C.H., Centanni, J.C. Size reduction of waveguide grating router through folding back the input/output fanouts 36124
Zirngibl, M., Joyner, C.H., Doerr, C.R., Stulz, L.W., Presby, H.M. A 18 channel multifrequency laser 24025
Zirngibl, M. *see* Doerr, C.R. 14150
Zirngibl, M. *see* Doerr, C.R. 24026
Zirngibl, M. *see* Doerr, C.R. 26703
Zirngibl, M. *see* Giles, C.R. 6725
Zirngibl, M. *see* Giles, R. 26698
Zirnheld, J. *see* Sarjeant, W.J. 29837
Zirnheld, J. *see* Sarjeant, W.J. 51447
Zirnheld, J.L., Foley, V.G., III, Dollinger, R.E., Sarjeant, W.J. Development of enhanced fault-tolerance for a 600 kV impulse generator 51268
Zirra, M. *see* Gavat, I. 45671
Zisky, N. *see* Albrecht, H.-H. 1529
Zislkowski, R.W. The design of Maxwellian absorbers for numerical boundary conditions and for practical applications using engineered artificial materials 55991
Zisman, M. *see* Heifets, S. 49221
Zisman, M. *see* Kurokawa, S. 17881
Zisman, M.S. B factory collider designs and future plans 17880
Zisserman, A. *see* Carlsson, S. 25541
Zisserman, A. *see* Marais, P. 18394
Zissermann, A. *see* Torr, P.H.S. 46331
Zissi, S., Bertsch, A., Jezequel, J.-Y., Corbel, S., Lougnot, D.J., Andre, J.C. Stereolithography and microtechniques 54535
Zissi, S. *see* Ballandras, S. 32576
Zissis, G. *see* Pousset, T. 39372
Zissman, M.A. Automatic language identification of telephone speech 14950
Zissman, M.A., Gleason, T.P., Rekart, D.M., Losiewicz, B.L. Automatic dialect identification of extemporaneous conversational, Latin American Spanish speech 14979
Zitterbart, M. User-to-user QoS: management and monitoring 6345
Zitterbart, M. *see* Braun, T. 46752
Zitti, E.Di *see* Di Zitti, E.
Ziv, J. *see* Stein, J. 25078
Zivanov, L.D. *see* Zivanov, M.B. 41987
Zivanov, M.B., Zivanov, L.D., Jovovic, J.Dj. The influence of higher minima on physical parameters in ultra heavily doped n-type GaAs 41987
Zivko-Babic, J. *see* Cifrek, M. 37600
Zivkovic, M. *see* Morgan, I.H. 21019
Zivkovic, M. *see* Pavlovic, V. 60124
Zivojnovic, V., Schoenen, R. On retiming of multirate DSP algorithms 25214
Zivojnovic, V. *see* Willems, M. 25217
Zivotofsky, A.Z. *see* Das, V.E. 49503
Ziwen Liu *see* Tennant, J.K. 16894
Ziwu Wang *see* Wang Ziwu
Zixiang Xiong, Guleryuz, O.G., Orchard, M.T. A DCT-based embedded image coder 4921
Zixiang Xiong, Orchard, M.T., Ramchandran, K. Inverse halftoning using wavelets 56794
Zixiang Xiong, Orchard, M.T., Ya-Qin Zhang A deblocking algorithm for JPEG compressed images using overcomplete wavelet representations 56695
Zixiang Xiong, Ramchandran, K., Herley, C., Orchard, M.T. Flexible tree-structured signal expansions using time-varying wavelet packets 34780
Zixiang Xiong, Ramchandran, K., Orchard, M.T. Space-frequency quantization for wavelet image coding 57179
Zixin Liu *see* Liu Zixin
Zixing Lu *see* Lu Zixing
Zixing Wang *see* Wang Zixing
Zixue Cheng *see* Bista, B.B. 16090
Ziyat, Z. *see* Douik, A. 46515
Ziyu Wang *see* Wang Ziyu
Ziyuan Li *see* Li Ziyuan
Zizler, C. *see* Silier, I. 30759
Zizong Xu *see* Xu Zizong
Zizza, F. *see* De Zen, G. 35583
Zlatanovic, M.D., Kunosic, A.M., Belosevac, R.B., Popovic, N.V. Plasma deposition of hard coatings–duplex treatment 10874
Zlateva, S. Three dimensional features of objects shape: Relevance for recognition and reasoning about function 35003
Zlatilova, P. *see* Moshtev, R. 29535
Zlkang Jiang *see* Jiang Zlkang
Zlobin, V.A., Vasilieva, O.G. Modeling the electron beam exposure in ZBA-21 setups 12848
Zlotnikov, Y. A computer network for automatic control of electrical power consumption 6128
Zlotnikov, Y., Meltzin, S. Evaluation of ATM nodes QoS characteristics for solution of the network resources allocation problem 35401
Zlyden, I.V. *see* Rassomakhin, S.G. 34497
Zmierczak, M.W. Computer communication in ISDN network 35725
Zmuda, H., Soref, R.A., Payson, P., Johns, S., Toughlian, E.N. Photonic beamformer for phased array antennas using a fiber grating prism 25629
Zmuda, M.A., Tamburino, L.A. Efficient algorithms for the soft morphological operators 5492
Zmudikov, V. *see* Backmutsky, V. 28820
Zmudikov, V. *see* Backmutsky, V. 38442
Zmudzinski, C., Twyford, E., Lembo, L., Johnson, R., Alvarez, F., Nichols, D., Brock, J. Microwave optical splitter/amplifier integrated chip (MOSAIC) using semiconductor optical amplifiers 58359
Zmyslo, J. *see* Lysiak, K.A. 34040
Znamirowski, Z., Czarczynski, W., Sobanski, J. An edge-type field emission cathode with ion trap 41755
Znati, T. *see* Field, B. 46784
Znati, T.F. *see* Alrabiah, T. 57672
Znaty, S. *see* Gaspoz, J.-P. 46898
Znaty, S. *see* Martins, J. 5977
Znidar, S. *see* Tomazic, S. 4708
Znidaric, M. *see* Grcar, B. 20138
Znidaric, M. *see* Grear, B. 29678
Zoba, D. *see* Koh, W. 52210
Zobel, P.B., Di Stefano, P., Tursini, M. The design of automatic machines' mechanisms by numerical models of the mechanism and of the electrical drive 60815
Zobian, A., Ilic, M.D. Unbundling of transmission and ancillary services. I. Technical issues 60291
Zobian, A., Ilic, M.D. Unbundling of transmission and ancillary services. II. Cost-based pricing framework 60292
Zobian, A. *see* Ilic, M.D. 60348
Zobov, M., Arcioni, P., Boni, R., Gallo, A., Ghigo, A., Marcellini, F., Migliorati, M., Palumbo, L., Perregrini, L., Serio, M., Spataro, B. Collective effects and impedance study for the DAΦNE Φ-factory 49224
Zobov, M. *see* Gallo, A. 49251
Zocco, A. *see* Rella, R. 48714
Zoccolillo, R. *see* Alegria, C.A. 16432
Zocholl, S.E. *see* Guzman, A. 19799
Zochowski, A. *see* Ciechanowicz, W. 19226
Zodeh, O.M., Whearty, R.J. Thermal characteristics of a meta-aramid and cellulose insulated transformer at loads beyond nameplate 38769
Zoelch, U., Schroeder, D. Comparison of electric drives for a hybrid vehicle 51798
Zoeller, M. *see* Bauer, C. 37378
Zoeller, M. *see* Shipsey, I. 59232
Zoeller, M.M. *see* Bauer, C. 37326
Zoeller, M.M. *see* Kagan, H. 37508
Zoeller, M.M. *see* Spencer, M.B. 59274
Zoetelief, J. *see* Klein, R. 59848
Zoetelief, J. *see* Raaijmakers, C.P.J. 8109
Zogbi, G. *see* Chou, H.T. 34289
Zogg, H., Fach, A., John, J., Masek, J., Muller, P., Paglino, C., Buttler, W. $Pb_{1-x}Sn_xSe$-on-Si LWIR sensor arrays and thermal imaging with JFET/CMOS read-out 7396
Zogg, H., Fach, A., John, J., Muller, P., Paglino, C. PbSnSe-on-Si infrared technique: Improvements in materials and devices 48646
Zogg, H. *see* Fach, A. 17358
Zogg, H. *see* John, J. 7346
Zogg, H. *see* Paglino, C. 7337
Zogg, H. *see* Shi, Z. 13771
Zogg-Weber, J.-M. Integrated circuits for GPS (Global Positioning System) receivers 58501
Zoghbi, W.A. *see* Khoury, D.S. 37776
Zoghi, B. *see* Villareal, S. 20464
Zoican, R., Zoican, S. Performances of a IVHS packet-switched cellular communication architecture 26600
Zoican, S. *see* Zoican, R. 26600
Zoita, V., Pavelescu, D., Sandolache, G., Georgescu, N. Time and space resolved analysis of the visible radiation from a vacuum circuit breaker discharge 29481
Zoita, V. *see* Pavelescu, D. 29480
Zoita, V. *see* Presura, R. 23192
Zojer, B., Koban, R., Petschacher, R., Sereinig, W. A 150 V subscriber line interface circuit (SLIC) in a new BiCMOS/DMOS-technology 26386
Zola, B. *see* Lu, P. 37739
Zolghamain, S. *see* Chang, T.H.P. 22673
Zolgharmain, S. *see* Chang, T.H.P. 54555
Zolgharnain, S. *see* Kratschmer, E. 24367
Zoll, S. *see* Van den Berg, H.A.M. 43669
Zoller, A., Gotzelmann, R., Matl, K. Plasma ion assisted deposition: investigation of film stress 3553
Zoller, P. *see* Cirac, J.I. 56232
Zollers, F.E. *see* Papadakis, M. 9940
Zollino, G. *see* Collarin, P. 29437
Zollino, G. *see* Sonato, P. 33912
Zollo, A. *see* De Matteis, R. 60012
Zollo, G. *see* Kalitzova, M. 32129
Zollo, G. *see* Marinova, Ts. 42503
Zollo, G. *see* Vitali, G. 12749
Zollo, G. *see* Vitali, G. 22506
Zolomy, A. *see* Vass, G.G. 4920
Zolotarev, M. *see* Heifets, S. 49221
Zolotarev, M.V. *see* Bel'dyugin, I.M. 44327
Zolotarevskii, A.V. *see* Gureev, D.M. 39762
Zolotorev, M. *see* Heifets, S.A. 18006
Zolotorev, M. *see* Villa, F. 59347
Zolotov, E.M. *see* Baranov, D.V. 17786
Zolotoverkh, I.I., Klimenko, D.N., Kravtsov, N.V., Lariontsev, E.G., Firsov, V.V. Parametric processes and multistability in a ring chip laser with periodic pump modulation 3743
Zolotoyabko, E. *see* Avrahami, Y. 33054
Zolotoyabko, E. *see* Lyakas, M. 42061
Zolotykh, A.A., Mikhalev, A.A. A complex of algorithms for computations in Lie superalgebras 30413
Zolper, J. *see* Brown, J. 12541
Zolper, J.C., Baca, A.G., Shervin, M.E., Klem, J.F. Ion implantation for high performance III-V JFETs and HFETs 22541
Zolper, J.C., Baca, A.G., Sherwin, M.E., Hietala, V.M., Shul, J. Ion-implanted GaAs JFETs with f_t>45 GHz for low-power electronics 32452
Zolper, J.C., Hagerott Crawford, M., Howard, A.J., Pearton, S.J., Abernathy, C.R., Vartuli, C.B., Yuan, C., Stall, R.A., Ramer, J., Hersee, S.D., Wilson, R.G. Ion implantation doping and high temperature annealing of GaN 12674
Zolper, J.C., Shul, R.J. Implantation and dry etching of group-III-nitride semiconductors 54354
Zolper, J.C. *see* Abernathy, C.R. 12672
Zolper, J.C. *see* Baca, A.G. 22885
Zolper, J.C. *see* Barnes, P.A. 12540
Zolper, J.C. *see* Lee, J.W. 23942
Zolper, J.C. *see* Lester, L.F. 2226
Zolper, J.C. *see* Ortiz, G.G. 3822
Zolper, J.C. *see* Pearton, S.J. 22262
Zolper, J.C. *see* Vartuli, C.B. 2322
Zolper, J.C. *see* Vartuli, C.B. 12764
Zolper, J.C. *see* Vartuli, C.B. 22257
Zolper, J.C. *see* Vartuli, C.B. 22429
Zolper, J.C. *see* Vartuli, C.B. 22445
Zolper, J.C. *see* Vartuli, C.B. 54244
Zoltan, I. A new self-calibrating instrument for voltage transformer calibration 29366
Zoltowski, M.D., Ramos, J. Blind adaptive beamforming for CDMA based PCS/cellular 6662
Zoltowski, M.D., Ramos, J. Blind multi-user access interference cancellation for CDMA based PCS/cellular using antenna arrays 26554
Zoltowski, M.D. *see* Allebach, J.P. 52032
Zoltowski, M.D. *see* Gansman, J.A. 4639
Zoltowski, M.D. *see* Hui Liu 26486
Zoltowski, M.D. *see* Mathews, C.P. 4883
Zoltowski, M.D. *see* Ramos, J. 6443
Zoltowski, M.D. *see* Ramos, J. 25123
Zoltowski, M.D. *see* Wong, K.T. 25018
Zoltowski, M.D. *see* Wong, K.T. 34834
Zoltowski, M.D. *see* Wong, K.T. 34837
Zoltowski, M.D. *see* Wong, K.T. 48137
Zoltowski, M.D. *see* Wong, K.T. 48141
Zomek, C. *see* Ruth, R.D. 49165
Zomorrodian, K.R. *see* Wu, N.J. 17373
Zomp, J.M. *see* Goutzoulis, A.P. 4399
Zon, J. *see* Chan, T.F. 30678
Zon Chen Won *see* Won Zon Chen
Zondervan, J.P., Gulski, E., Brooks, R. Processing of apparent discharge magnitude for digital partial discharge detectors 32623
Zondervan, J.P., Morshuis, P.H.F. Spectral analysis of partial discharges related to the condition of HV-insulation 32740
Zondy, J.-J. *see* Touahri, D. 14172
Zondy, J.-J. *see* Touahri, D. 27264
Zondy, J.-J. *see* Touahri, D. 48332
Zondy, J.J. *see* de Beauvoir, B. 27263
Zone-Ching Lin, Yuung-Der Yarng A study of three-dimensional cutting model 10560
Zong, X. *see* Laine, A.F. 25065
Zong Chengge *see* Quan Taifan 8652
Zong Hua *see* Liu Bao 12844
Zong Ling, Yun, D.Y.Y. An efficient subcircuit extraction algorithm by resource management 54735
Zong Sha *see* Youshou Wu 1659
Zong Tao *see* Liu Guizhong 4748
Zong-Ben Xu, Jiang-She Zhang, Wei Wang A cell exclusion algorithm for determining all the solutions of a nonlinear system of equations 10489
Zong-Guo Xia Applications of multi-frequency, multi-polarization and multi-incident angle SAR systems in urban land use and land cover mapping 8561
Zong-Guo Xia, Henderson, F.M. Understanding the relationships between radar response patterns and the bio- and geophysical parameters of urban areas 38116
Zong-Guo Xia *see* Henderson, F.M. 28678
Zong-Guo Xia *see* Yongwei Sheng 6890
Zong-Shu Shao *see* Shao Zong-Shu
Zong-Wen Li Millimeter wave radar for detecting the speech signal applications 48101
Zongdu Zhang *see* Zhang Zongdu
Zongfu Yan *see* Yan Zongfu

Zongguang Yu *see* Yu Zongguang
Zonghuang Xia *see* Xia Zonghuang
ZongJian Cao, Holder, L.E., Chen, C.C. Optimal number of views in 360° SPECT imaging 37713
Zongju Xia *see* Xia Zongju
Zongkai Lin *see* Lin Zongkai
Zongker, D., Jain, A. Algorithms for feature selection: An evaluation 5343
Zongker, D. *see* Jain, A. 46077
Zonglian Fei *see* Fei Zonglian
Zongmin Yin *see* Yin Zongmin
Zongqiang Xuan *see* Wei Zhou 13361
Zongshu Shao *see* Xiaodong Mu 44642
Zongshu Shao *see* Shao Zongshu
Zongtao Chi *see* Chi Zongtao
Zongtao Ge, Kiyono, S., Nishino, Y. A new method for phase readout in phase modulated interferometer 7175
Zongxi Tang, Zhengxiang Luo, Qishao Zhang High-T_c superconducting microstrip resonator 23430
Zongxi Yao *see* Yao Zongxi
Zongyuan Mao *see* Mao Zongyuan
Zonoozi, M., Dassanayake, P., Faulkner, M. Systematic tracking of mobile users in cellular systems 47730
Zontar, D. *see* Adam, W. 37221
Zoo, O.P. *see* Oh, S.H. 38467
Zoo Yung-Gu *see* Yung-Gu Zoo
Zooghby, A.H.El *see* El Zooghby, A.H.
Zook, D. *see* Arch, D. 44173
Zook, J.D. *see* Cox, J.A. 55385
Zook, L.A., Leddy, J. Diffusion in microstructured systems 27519
Zoppi, M. *see* Biggeri, U. 7827
Zoppi, M. *see* Voegelin, M.R. 7966
Zorian, Y. *see* Ivanov, A. 11375
Zorian, Y. *see* Sasidhar, K. 31670
Zoric, K.J., Djuric, M.B., Terzija, V.V. Arcing fault detection on overhead lines from the voltage signals 50601
Zorica, N., Bojan, D., Nenad, M. Rejection of PSK interference in DS-SS/QPSK system using complex adaptive filter and nonlinear correlation receiver 35910
Zorin, A.B. The double Josephson junction as a sub-single-electron-charge electrometer 27770
Zorin, A.B. *see* Ahlers, F.-J. 22894
Zorin, G.N., Strelkov, A.V., Tret'yakova, S.P., Voinov, A.M., Gorbachev, V.M., Emel'yanov, B.A., Ilich, R., Skvarch, Yu. Recording neutrons from thermonuclear reactions under conditions of high reactor background 37482
Zorin, V.G. *see* Golubev, S.V. 18147
Zorin, Y. *see* Gizopoulos, D. 43186
Zorn, M. *see* Knorr, K. 42434
Zornig, P., Gal, T. On the connectedness of optimum-degeneracy graphs 482
Zoroofi, R.A., Sato, Y., Tamura, S., Naito, H. MRI artifact cancellation due to rigid motion in the imaging plane 18268
Zoroofi, R.A., Sato, Y., Tamura, S., Naito, H. Reduction of MRI artifact due to planar respiratory motion 59461
Zoroofi, R.A. *see* Sato, Y. 49484
Zorzi, M. On the analytical computation of the interference statistics with applications to the performance evaluation of mobile radio systems 26614
Zorzi, M. Capture probabilities in random-access mobile communications in the presence of Rician fading 36006
Zorzi, M. Improved analysis of the outage performance in cellular systems 47649
Zorzi, M., Rao, R.R. Bounds on the throughput performance of ARQ selective-repeat protocol in Markov channels 5840
Zorzi, M., Rao, R.R. Error control strategies for the wireless channel 45614
Zorzi, N. *see* Conti, M. 2840
Zotov, V.A. *see* Kosov, A.S. 53596
Zotova, N.V., Karandashev, S.A., Matveev, B.A., Remennyi, M.A., Stus, N.M., Talalakin, G.N. Mesa stripe for the 3-3.6 μm range lasers utilizing gadolinium-doped InAsSbP/InGaAsSb double heterostructures 44465
Zott, J. *see* Hammer, P.D. 8398
Zott, S., Leo, K., Ruckh, M., Schock, H.-W. Photoluminescence and photoluminescence excitation studies on $CuInSe_2$ absorber layers for solar cells 39069
Zott, S. *see* Puech, K. 12308
Zott, S. *see* Puech, K. 39079
Zotter, B. The LEP impedance model 49222
Zou, B. *see* Arai, Y. 37267
Zou, B. *see* Arai, Y. 37268
Zou, B. *see* Wu, X. 55879
Zou, G. *see* Liu, L. 54510
Zou, H. *see* Bing Zhou 33240
Zou, S. *see* Lin, C. 42309
Zou, W.Y. NTSC field rate consideration in a DTV simulcasting environment: a study report 27140
Zou, W.Y., Kutzner, J.A. Practical implementation of digital television: update 1996 58568
Zou, X. *see* Piehler, D. 36343
Zou, X.Y. *see* Huang, S.H. 33168
Zou, X.Y. *see* Hwang, S.-M. 26807
Zou, Y.-L. *see* Pedrini, G. 33748
Zou, Y.F., Zhang, H., Prasad, V. Dynamics of melt-crystal interface and coupled convection-stress predictions for Czochralski crystal growth processes 10610
Zou, Y.L., Alford, T.L., Adams, D., Laursen, T., Tu, K.-N., Morton, R., Lau, S.S. Encapsulation of silver via nitridation of Ag-Ti bilayer structures 42716
Zou Bingsuo *see* Bingsuo Zou
Zou Cai-Rong *see* Cai-Rong Zou
Zou Cairong *see* Cairong Zou
Zou Daqing *see* Shi Ling 52917
Zou Daqing *see* Daqing Zou
Zou Dongxia *see* Wu Yekai 60648
Zou Guang-Tian *see* Gao Chun-Xiao 40310
Zou Guang-Tian *see* Gu Chang-Zhi 893
Zou Guang-Tian *see* Gu Chang-Zhi 31768
Zou Jiyan, Cai Wei, Luo Ji Investigations on moving characteristic of VCB's electrodes [vacuum circuit breakers] 29471
Zou Jiyan *see* He Junjia 19886
Zou Jizuo *see* Jizuo Zou
Zou Lu-Fan, Wang Zhan-Guo, Sun Dian-Zhao, Fan Ti-Wen, Liu Xue-Feng, Zhang Jing-Wei Diffusion of ion implanted As in $Si_{1-x}Ge_x$ epilayers 54349
Zou Lyufan, Wang, Z.G., Sun, D.Z., Fan, T.W., Liu, X.F., Zhang, J.W. Rapid thermal annealing of arsenic implanted $Si_{1-x}Ge_x$ epilayers 54355
Zou Lyufan *see* Fan, W. 42404
Zou Ming *see* Ai Xin 60242
Zou Mou-Yan, Unbehauen, R. Methods for reconstruction of 2-D sequences from Fourier transform magnitude 25638
Zou Mou-Yan, Unbehauen, R. An iterative method of blur identification and image restoration 56972
Zou Mouyan *see* Feng Xiaoping 46429
Zou Qunfeng *see* Qunfeng Zou
Zou Shichang *see* Xin Huoping 812
Zou Wei *see* Zhang Shuming 12074
Zou Weiqin *see* Weiqin Zou
Zou Xiulin *see* Xiulin Zou
Zou Xuelu *see* Xuelu Zou
Zou Yao *see* Yao Zou
Zou Ying *see* Pan Wenxia 19382
Zou Yinghua *see* Shen Yuquan 14251
Zou Yinghua *see* Wang Congfangg 33610
Zou Yunlu *see* Yunlu Zou
Zouaghi, A. *see* Beroual, A. 23140
Zouari, B. A coloured Petri net model with specification timed mechanisms 25918
Zoubir, A.M., Arnold, M.J. Testing Gaussianity with the characteristic function: the i.i.d. case 4848
Zoubir, A.M., Iskander, D.R. A bispectrum based Gaussianity test using the bootstrap 25154
Zoubir, A.M. *see* Ralston, J.C. 25139
Zoubir, A.M. *see* Ralston, J.C. 34922
Zoubir, A.M. *see* Ralston, J.C. 45807
Zoubir, A.M. *see* Reid, D.C. 25206
Zoubir, A.M. *see* Roberts, G. 25162
Zoubir, A.M. *see* Roberts, G. 34942
Zouboulis, I.S. *see* Petrov, M.P. 24107
Zouganeli, P. *see* Opperud, T. 58026
Zoughi, R. *see* Huber, C. 52873
Zoughi, R. *see* Qaddoumi, N. 40714
Zouridakis, G., Tam, D.C. Multi-unit spike discrimination using wavelet transforms 37798
Zouros, N. *see* Contaxis, G.C. 19642
Zowarka, R.C., Yun, H.D., Alexander, A. Railgun solid armature scaling model 24416
Zowarka, R.C., Jr. *see* Schaaf, J.C., Jr. 39290
Zozime, A. *see* Tromson-Carli, A. 40478
Zozulya, A.A. *see* Mamaev, A.V. 4088
Zozulya, A.A. *see* Mamaev, A.V. 44688
Zreet, G. *see* McMillian, G. 31309
Zrenner, A. *see* Abstreiter, G. 809
Zrenner, E. *see* Marmor, M.F. 28336
Zribi, M., Fonga, H., Ghorbel, F. Set of invariant features for three-dimensional gray-level objects by harmonic analysis 5126
Zrimec, T., Sammut, C. Knowledge representation for model-based image processing in medicine 35304
Zrimec, T., Sammut, C. A medical image-understanding system 49519
Zrodnikov, A.V. *see* Chernov, V.M. 54896
Zrodnikov, A.V. *see* Gulevich, A.V. 33375
Zrubec, V. Theoretical sensitivity limits of the SQUID system for measuring the radial position of a beam of electrically charged particles in superconductive accelerators 49257
Zrubec, V., Manka, J. Measurement of beam intensity of electrically charged particles in superconductive accelerators using SQM 49077
Zschocke, A. *see* Serna, R. 52762
Zse-Hong Tsai *see* Jeng-Ji Huang 35926
Zsehong Tsai, Ta-Chun Lo Performance of a multicast ATM switch with finite input and output buffers 57601
Zsehong Tsai *see* Mingfu Li 57806
Zu, L. *see* Jenshan Lin 41717
Zu Donglin Concept design of a new structure of 1.3 GHz single-cell superconducting cavity 59174
Zu Donglin, Chen Jiaer Study on SRF multicell accelerating cavity for linear collider and trapped modes 59180
zu Putlitz, G. *see* Reinhard, I. 13981
Zu Song Yao *see* Yao Zu Song
Zu Xili *see* Kang Gang 37920
Zu-Hong Lu *see* Jing-Huai Fang 61094
Zuair, M., Meliksetian, D., Chen, C.Y.R. A new architecture for MPEG-2 real-time encoding 46406
Zuang, H.L. *see* Adam, A. 37280
Zubair, M. *see* Kelkar, S. 26718
Zubair, M. *see* Kumar, M. 17114
Zubair, M. *see* Linzer, E. 25371
Zubair, S.M. *see* Chaudhry, M.A. 30662
Zubair, S.M. *see* Sheikh, A.K. 30118
Zubair Anwar, M. *see* Sun, C.J. 44277
Zubalsky, I. *see* Lang, F. 27671
Zubarev, I.G. *see* Glazkov, D.A. 55546
Zubelewicz, A., Tokarz, R.F., Kuracina, R.P., McGinniss, J.L., Jr. Mechanical deflection system--an innovative test method for SMT assemblies 30336
Zubelli, J.P. *see* Malajovich, G. 21145
Zuberek, R. *see* Slawska-Waniewska, A. 3060
Zuberek, R. *see* Slawska-Waniewska, A. 23307
Zubieta, J.K. *see* Links, J.M. 7887
Zubik-Kowal, B. *see* Kamont, Z. 10506
Zubko, S.P. *see* Vendik, O.G. 23257
Zubkov, A.A., Fromzel', V.N., Vasil'ev, V.Yu., Danilin, B.K., Nikitin, V.A., Fromzel', L.V. A metal-concrete cask for storing and transporting the spent fuel of RBMK reactors 29039
Zubkov, A.A., Ivanov, A.I., Tokarev, S.B., Kholod, Yu.D. Optimal design of DC motors for loading vehicles 20168
Zubkov, A.A. *see* Fromsel, V.N. 29025
Zubkova, T.I. *see* Belyakov, L.V. 44242
Zubov, V.A., Shatokhina, N.A. Modulation-spectral investigation of inhomogeneities in optically transparent media 56604
Zubov, V.E., Kudakov, A.D., Maslov, A.I. Magneto-optical investigation of the spatial magnetization distribution in a two-layer MIG head 3217
Zubov, V.E. *see* Bi, D.Y. 23303
Zubov, V.V. *see* Lesnoi, M.A. 178
Zubov, V.V. *see* Lyabin, N.A. 13915
Zubova, E.A. *see* Vyatchanin, S.P. 17325
Zubova, O.N. *see* Fedorov, G.A. 8204
Zubrilov, A. *see* Dmitriev, V. 10796
Zubrilov, A. *see* Dmitriev, V. 10880
Zubrilov, A.S. *see* Bougrov, V.E. 44471
Zubrilov, A.S. *see* Bugrov, V.E. 44486
Zuccalli, G. *see* Zeng, L. 10614
Zuccarello, L.V. *see* Shirer, H.N. 50120
Zuccato, A. *see* Spiazzi, G. 51278
Zucchinali, A. *see* Piergigli, M. 46924
Zucco, M. *see* Knight, D.J.E. 27370
Zucco, M. *see* Knight, D.J.E. 44725
Zucco, M. *see* Pisani, M.Q. 27265
Zucco, P. *see* Lee, K.-W. 187
Zucheng Zhou *see* Yunfeng Bai 53312
Zucker, D.F. *see* Fu, S.T. 1460
Zucker, J.E. *see* Khan, M.N. 13697
Zucker, J.E. *see* Sneh, A. 13694
Zucker, M.E. *see* Kawamura, S. 33772
Zucker, M.L. *see* Ditizio, R. 54469
Zucker, R. *see* Marr, D.T. 1467
Zucker, S.W. *see* August, J. 5043
Zucker, S.W. *see* Langer, M.S. 46424
Zuckerberger, A. *see* Gruening, H.E. 31096
Zuckerman, M. *see* Tse, P.W. 25863
Zucollo, A.C. *see* Almeida, A.M. 1878
Zude Yang *see* Yang Zude
Zuelchner, C. *see* Arai, Y. 37267
Zuelchner, C. *see* Arai, Y. 37268
Zuev, V.A. *see* Gorynya, L.M. 2089
Zuev, V.E., Komarov, V.S., Kreminskii, A.V. Application of correlation lidar data to modeling and prediction of wind components 60064
Zuev, V.E. *see* Abel, R.B. 50182
Zuev, V.S. *see* Sentis, M.L. 44342
Zuev, V.V. *see* Voronkova, G.M. 12556
Zuffada, C., Cwik, T., Jamnejad, V. Modeling radiation with an efficient hybrid finite-element integral-equation waveguide mode-matching technique 24516
Zuffo, J.A. *see* Faria, R.R.A. 27197
Zugaj, D., Brun-Buisson, A., Lemoine, D., Lattuati, V. Open curve segmentation application of parametric models for tracking 2D moving deformable structures in image sequence 46512
Zugeng Wang *see* Wang Zugeng
Zuguang Ma *see* Ma Zuguang
Zuhai Cheng *see* Cheng Zuhai
Zuhao Li *see* Li Zuhao
Zuhong Lu *see* Ning Gu 42845
Zuhong Lu *see* Ruibo Lu 55316
Zuhr, R.A. *see* Henderson, D.O. 42126
Zuhr, R.A. *see* Ueda, A. 12666
Zuhr, R.A. *see* Wang, B. 19962
Zuidam, R.van *see* van Zuidam, R.
Zuiderveld, K.J., Koning, A.H.J., Stokking, R., Maintz, J.B.A., Appelman, F.J.R., Viergever, M.A. Multimodality visualization of medical volume data 25252
Zuiderveld, K.J. *see* Bouma, C.J. 18382
Zuidweg, H., Quentin, P., Reyniers, G., Devleeschouwer, E., Quirynen, B. A distributed CORBA-based IN architecture 47277
Zuijlen, M.C.A.van *see* van Zuijlen, M.C.A.
Zuiker, C.D. *see* Csencsits, R. 12195
Zuikov, V., Ferri, W., Ollikainen, O., Rebane, A., Wild, U.P. Wave matching of femtosecond and picosecond photon echoes in dye-doped polymer films 4009

Zuikov, V.A. *see* Kalachev, A.A. 14288
Zuikov, V.A. *see* Shegeda, A.M. 14402
Zuimin Jiang *see* Jiang Zuimin
Zujie Fang *see* Fang Zujie
Zuk, M. *see* Wudkiewicz, A. 16151
Zukang Lu *see* Lu Zukang
Zukauskas, A. *see* Kurilcik, G. 12234
Zukerman, I. *see* Robertson, T. 14959
Zukerman, M. *see* Ivanovich, M. 6619
Zukotynski, S. *see* Dadabhai, F. 2271
Zukowski, C. *see* Hong Shi 46635
Zukowski, E. *see* Reniewicz, H. 12251
Zukowski, P., Partyka, J., Wegierek, P. Effect of ion implantation and annealing on the dielectric properties of silicon 54337
Zulch, P.A. *see* Goldstein, J.S. 16898
Zulch, P.A. *see* Pugh, M.L. 16887
Zule, M. *see* Bluvband, Z. 52302
Zuleeg, R. *see* Joshi, V. 54922
Zulehner, W. *see* Martin, J. 27199
Zulfequar, M. *see* Khan, Z.H. 3316
Zuliani, F. *see* Maltese, P. 48766
Zulin Wang *see* Wang Zulin
Zulueta, L.de *see* de Zulueta, L.
Zum-Gahr, K.H. *see* Schulz, J. 23091
Zumberge, J.F., Heflin, M.B., Jefferson, D.C., Watkins, M.M., Webb, F.H. Precise point positioning for the efficient and robust analysis of GPS data from large networks 60019
Zumkeller, M. DAB receiver development 7057
Zumray, D., Tamer, O., Ertugrul, Y. Biomedical image classification by using artificial neural networks 7972
Zun-Yi Liu *see* Xu Liang 19217
Zunfu Jiang, Excell, P.S., Hejazi, Z.M. Calculation of distributed capacitances of spiral resonators 21891
Zung Kon Yim, Jae Ho Chung Temporally adaptive motion estimation using temporal subband analysis 5146
Zung Kon Yim, Seung Bae Kim, Jae Ho Chung An adaptive motion estimation based on the temporal subband analysis 25367
Zunger, A., Lin-Wang Wang Theory of silicon nanostructures 2172
Zunger, A. *see* Lin-Wang Wang 2181
Zunic, J., Acketa, D.M. Least squares fitting of digital polynomial segments 30582
Zuniga, M.A., Neureuther, A.R. Diagnostics of patterning mechanisms in chemically amplified resists from bake dependencies of images 32277
Zunino, G. *see* Vienne, F. 45502
Zunino, R. *see* Anguita, D. 57428
Zunino, R. *see* Cappelli, M. 56340
Zunino, R. *see* Garramone, S. 57207
Zunkel, K., Cable, J., Jones, S. Interactive distance education for engineering outreach 20500
Zunqi Lin *see* Lin Zunqi
Zunquan Yu *see* Yu Zunquan
Zunyi Liu *see* Liu Zunyi
Zuo, S.L. *see* Lew, A.Y. 22335
Zuo Dunwen *see* Zhang Chunming 61109
Zuo Fuqi *see* Xiao Detao 37477
Zuo Tieyong *see* Zhou Meiling 31685
Zuo Wang, Hagan, D.J., VanStryland, E.W., Zyss, J., Vidakovik, P., Torruellas, W.E. Cascaded second-order effects in N-(4-nitrophenyl)-L-prolinol, in a molecular single crystal 33634
Zuobao Fu *see* Fu Zuobao
Zuobin Wang, Bryanston-Cross, P.J., Davies, R.N. Phase-shifting interferometry with precise phase steps 7640
Zuobin Wang, Bryanston-Cross, P.J., Hongwei Long Displacement measurement based on Young's experiment 7392
Zuobin Wang, Grasa, M.S., Bryanston-Cross, P.J., Whitehouse, D.J. Phase-shifted image matching algorithm for displacement measurement 44836
Zuocheng Ma *see* Ma Zuocheng
Zuofeng Li *see* Klein, E.E. 59769
Zuoguo Wu *see* Nevels, R.D. 45320
Zuoping Zhou *see* Zhou Zuoping
Zuoqin Wang *see* Perold, W.J. 13503
Zuoren Nie *see* Nie Zuoren
Zuoyan Peng *see* Peng Zuoyan
Zupic, I. *see* Jager, F. 49688
Zuping Qian *see* Qian Zuping
Zuppi, G.M. *see* Smith, A.M. 49348
Zuppiroli, L. *see* Romero, D.B. 3643
Zupunski, I., Holicek, L., Vujicic, V., Milovancev, S. Power factor calibrator 27403
Zupunski, I. *see* Vujicic, V. 17239
Zuqing Jiang *see* Quan Yuan 44788
Zur, Y. *see* Rosenfeld, D. 7955
Zurasky, M. *see* Horman, S.R. 27668
Zurauskiene, N., Dargys, A. Acoustic phonon activated and assisted tunnelling in Ge:Sb,P 12164
Zurbach, P., Gonzalez, J.G., Arce, G.R. Weighted myriad filters for image processing 5168
Zurcher, J.-F. *see* Bokhari, S.A. 4353
Zurcher, J.-F. *see* Eleftheriades, G.V. 34264
Zurcher, J.-F. *see* Gardiol, F.E. 32595
Zurcher, P., Jones, R.E., Jr, Chu, P., Taylor, D.J., White, B.E., Jr, Zafar, S., Jiang, B., Lii, Y.T., Gillespie, S.J. Ferroelectric nonvolatile memory technology: applications and integration challenges 1378
Zurcher, P. *see* Bo Jiang 3002
Zurek, W.H., Laflamme, R. Quantum logical operations on encoded qubits 11268
Zurk, L.M. *see* Barabanenkov, Yu.N. 55993
Zurk, L.M. *see* Plant, W.J. 60079
Zurn, S., Schiller, P., Polla, D. Low temperature fabrication of sharp vertical field emitters 1917
Zushan Pan *see* Pan Zushan
Zushi, T. *see* Moriura, K. 16670
Zushun Chen *see* Wei Li 27896
Zussman, E. *see* Pnueli, Y. 39700
Zutavern, F.J., Loubriel, G.M., Helgeson, W.D., O'Malley, M.W., Ruebush, M.H., Hjalmarson, H.P., Baca, A.G. Optically-activated GaAs switches for compact accelerators and short pulse sensors 49073
Zutavern, F.J. *see* Loubriel, G.M. 48125
Zutter, D.De *see* De Zutter, D.
Zuwei Yu, Breipohl, A.M., Lee, F.N., Adapa, R. The extension of an analytical method for comparing natural diversity to DSM controlled diversity 19102
Zuxu Qin *see* Qin Zuxu
Zuyan Xu *see* Hong Wang 55874
Zuyan Xu *see* Xu Zuyan
Zuyev, S., Desnogues, P., Rakotoarisoa, H. Simulations of large telecommunications networks based on probabilistic modeling 58224
Zuying Zhang *see* Ying Lu 24445
Zuying Zhang *see* Zhang Zuying
Zuyu Li *see* Li Zuyu
Zuyuan He, Mukohzaka, N., Hotate, K. Selective image extraction by synthesis of the coherence function using two-dimensional optical lock-in amplifier with microchannel spatial light modulator 46333
Zuzmin, G. Designing optimum heat sinks 30210
Zvara, M., Grill, R., Hlidek, P., Hoschl, P., Lang, M., Lischka, K. Magneto-conductance spectroscopy of a narrow-gap $Hg_{1-x}Cd_xTe$ ($x \approx 0.2$) MIS device 12589
Zvaritch, V. *see* Martchenko, B. 1537
Zverev, A.S. *see* Tsvetkov, Yu.P. 38069
Zverev, B.V. *see* Sobenin, N.P. 49063
Zverev, P.G. *see* Basiev, T.T. 3749
Zverev, P.G. *see* Basiev, T.T. 3780
Zverev, P.G. *see* Basiev, T.T. 24117
Zverev, S.G. *see* Barkov, L.M. 37486
Zverev, Yu.B. *see* Dianov, E.M. 23492
Zvereva, O.V. *see* Zarka, A. 13229
Zvereva, O.V. *see* Zarka, A. 23183
Zvonar, G.A., Luan, J., Lee, F.C., Lindner, D.K., Kelly, S., Sable, D., Schelling, T. High-frequency switching amplifiers for electrostrictive actuators 19933
Zvonar, Z., Brady, D., Catipovic, J. Adaptive detection for shallow-water acoustic telemetry with cochannel interference 17224
Zvonkov, B.N. *see* Aleshkin, V.Ya. 2192
Zvonkov, B.N. *see* Avrutskii, I.A. 44545
Zvonkov, N.B. *see* Avrutskii, I.A. 44545
Zvorygin, V.P., Kas'yanov, V.A., Chakhlov, V.L. Trapping of part of a beam of injected electrons in an accelerator with a magnetic-mirror control field configuration 17980
Zvyagin, A.A. *see* Frahm, H. 32035
Zvyagintsev, V. *see* Facco, A. 49139
Zwahlen, P. *see* Meier, H. 19677
Zwally, K.D. Highlights of the recommendations of the President's Council on Sustainable Development [energy policy] 19447
Zwan, B.A.van der *see* van der Zwan, B.A.
Zwan, E.J.van der *see* van der Zwan, E.J.
Zwart, S.T.de *see* de Zwart, S.T.
Zwart, T., Alarcon, R., Booth, E., Dodson, G., Dolfini, S., Dow, K., Farkhondeh, M., Jacobs, K., Joo, K., Kowalski, S., Soong, S., Shaw, J., Turchinetz, W., Tsentalovich, E., Wojtsekhowski, B., Young, A. A precise electron beam energy calibration for use in nuclear physics 36368
Zwas, F. *see* Krzeminski, R. 28337
Zwe-Lee Gaing, Chan-Nan Lu, Biau-Sheng Chang, Kung-Keng Chen The implementation of a power system restoration simulator 38238
Zweiback, J., Fochs, S.N., Stuart, B.C., Perry, M.D. Sub-50 femtosecond, multiterawatt Ti:sapphire laser system 14077
Zweibel, K., Ullal, H.S., Von Roedern, B. Progress and issues in polycrystalline thin-film PV technologies 39054
Zweibel, K. *see* Edwards, H.S. 37937
Zweig, B.-W. *see* Becker, K. 61239
Zweigart, S. *see* Alberts, V. 40440
Zwemstra, T. *see* Bruls, E. 13092
Zwerschke, F. *see* Berndt, D. 19136
Zwet, E.J.van *see* van Zwet, E.J.
Zweynert, M. *see* Doring, H. 9481
Zwick, D. *see* Helfrich, H.-P. 519
Zwick, D.S. Algorithms for orthogonal fitting of lines and planes: a survey 52530
Zwick, R. *see* Hartmann, G.K. 8419
Zwick, T., Demmerle, F., Wiesbeck, W. Comparison of channel impulse response measurements and calculations in indoor environments 34085
Zwick, U. *see* Alon, N. 21082
Zwickel, W. Pre-mixer for 23 and 13 cm 58659
Zwicker, G. *see* Lange, P. 10693
Zwicker, W.S. *see* Taylor, A.D. 10269
Zwieglinski, B. *see* Trzcinski, A. 49312
Zwiener, U. *see* Hoyer, D. 28077
Zwiener, U. *see* Hoyer, D. 49715
Zwiener, U. *see* Hoyer, D. 49736
Zwinkels, J.C., Gignac, D.S., Nevins, M., Powell, I., Bewsher, A. Design and testing of a two-monochromator reference spectrofluorimeter for high-accuracy total radiance factor measurements 36945
Zwolinski, M., Hickman, J., Rubin, H., Zaks, Y., McCarthy, S., Hanlon, T., Arrowsmith, P., Chaudhuri, A., Hermansen, R., Lan, S., Napp, D. Electrically conductive adhesives for surface mount solder replacement 41634
Zwolinski, M., Hickman, J., Rubin, H., Zaks, Y., McCarthy, S., Hanlon, T., Arrowsmith, P., Chaudhuri, A., Hermansen, R., Lau, S., Napp, D. Electrically conductive adhesives for surface mount solder replacement 22032
Zyablov, A.B. *see* Belov, A.N. 18870
Zyborski, J., Lipski, T., Hasan, S., Wittstock, J. A new hybrid AC current limiting interrupting device for semiconductor converter protection 60872
Zyborski, J. *see* Strzelecki, R. 51777
Zyda, M.J. *see* Macedonia, M.R. 47047
Zydowsky, T. *see* Lindsay, T. 42820
Zydzik, G. *see* Dutta, N.K. 44458
Zydzik, G. *see* Partovi, A. 3354
Zydzik, G.J. *see* Canoglu, E. 12407
Zydzik, G.J. *see* Dutta, N.K. 33507
Zydzik, G.J. *see* Tu, L.W. 3854
Zyga, K. *see* Currie, N. 56648
Zygan-Maus, R. *see* Von Der Straten, G. 47260
Zygierewicz, J. *see* Durka, P.J. 49605
Zygmunt, A. *see* Slebarski, A. 3158
Zykin, F.A., Kazakov, M.K. Current and voltage distribution in electrolysis power supplies for aluminium plants 29906
Zykov, V.M. Model and simulation method for the nonlinear radiation response of a metal-oxide-semiconductor transistor structure 43093
Zyl, A.Van *see* Van Zyl, A.
Zyl, G.J.J.van *see* van Zyl, G.J.J.
Zyl, J.J.Van *see* Van Zyl, J.J.
Zyl, J.van *see* van Zyl, J.
Zyl, R.R.Van *see* Van Zyl, R.R.
Zylbersztejn, A., Baker, R., Di Biase, V., De Blok, K., Bouley, J.C., Chiaretti, G., Cocito, M., Destefanis, G., Dudley, T., Imai, H., Jacobs, B., Kaede, K., Lecrosnier, D., Mesquida, G., Oliver, S., Robertson, M., Rogers, K., Roth, P., Schwaderer, B., Turley, S., Yoshida, J. Customer ONU: cost and technology and standardisation issues 26901
Zylbersztejn, A. *see* Faulkner, D. 57722
Zymierska, D. *see* Klinger, D. 22507
Zymmer, K. *see* Januszewski, S. 9386
Zyryanov, V.Ya., Zhuikov, V.A., Smorgon, S.L., Shabanov, V.F. Thermooptical recording of information in polymer-encapsulated cholesteric liquid crystals 3336
Zyskind, J. *see* Garrett, L.D. 16701
Zyskind, J.L. *see* Bergano, N.S. 26823
Zyskind, J.L. *see* Garrett, L.D. 26872
Zyskind, J.L. *see* Garrett, L.D. 55474
Zyskind, J.L. *see* Horowitz, M. 26712
Zyskind, J.L. *see* Liou, K.-Y. 47970
Zyskind, J.L. *see* Liou, K.-Y. 58386
Zyskind, J.L. *see* Srivastava, A.K. 36134
Zyskind, J.L. *see* Sun, Y. 36127
Zyskind, J.L. *see* Tsuda, S. 33404
Zyskind, J.L. *see* Wilson, G.C. 13688
Zysman, G.I., Thorkildsen, R., Lee, D.Y. Two-way wireless broadband access 16435
Zyss, J. *see* Bauer-Gogonea, S. 14342
Zyss, J. *see* Brasselet, S. 33707
Zyss, J. *see* Fiorini, C. 33706
Zyss, J. *see* Gauvin, S. 10613
Zyss, J. *see* Zuo Wang 33634
Zysset, B. *see* Stahelin, M. 14302
Zytkiewicz, Z. *see* Paszkowicz, W. 41965
Zytkiewicz, Z.R. *see* Kaczor, P. 12233
Zytveld, J.B.Van *see* Van Zytveld, J.B.
Zyung Taehyoung *see* Taehyoung Zyung
Zyuzin, A.M. Resonator for magnetic resonance radiospectrometer with external location of sample 21892
Zywietz, C. *see* Penzel, T. 28066

BOOK INDEX

This lists the titles of books abstracted in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract).*

Annual review of nuclear and particle science. Vol.46; *C.Quigg, V.Luth, P.Paul (editor/s),* [Palo Alto, CA, USA: Annual Reviews 1996] 59194, 59212

Chemical and biochemical sensing with optical fibers and waveguides; [Norwood, MA, USA: Artech House 1996] 87

CIS selected papers. Lasers remote sensing of natural waters: from theory to practice; *V.I.Feigels, Y.I.Kopilevich (editor/s),* [Bellingham, WA, USA: SPIE 1996] 20306

Compound semiconductor industry directory; *D.Finch (editor/s),* [Oxford, UK: Elsevier 1996] 39516, 40378–9, 43173

Computational physics. Selected methods, simple exercises, serious applications; *K.H.Hoffmann, M.Schreiber (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 13113

Deconvolution of images and spectra. Second edition; *P.A.Jansson (editor/s),* [San Diego, CA, USA: Academic Press 1997] 23

Detection and estimation methods for biomedical signals; *M.Akay (editor/s),* [San Diego, CA, USA: Academic Press 1996] 86

Elektromagnetische Felder 2. rev. ed. (Electromagnetic fields. 2nd revised edition); [Berlin, Germany: Verlag Technik 1996] 20305

Handbook on physical properties of Ge, Si, GaAs and InP; *A.Dargys, J.Kundrotas (editor/s),* [Vilnius, Lithuania: Science & Encyclopedia Publishers 1994] 30016

Hausdorff gaps and limits. Studies in logic and the foundations of mathematics. Vol.132; [Amsterdam, Netherlands: North Holland 1994] 21016

Herstellung und Charakterisierung von FeS_2 (Pyrit) fuer die Photovoltaik (Synthesis and characterisation of FeS_2 (pyrite) for the photovoltaic); [Konstanz, Germany: Hartung-Gorre 1995] 20304

Input/output and parallel and distributed computer systems; *R.Jain, J.Werth, J.C.Browne (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publsihers 1996] 27154

Kernstruktur von ^{124}Te. Zweifrequenz-Interferometer fuer Kristallspektrometer. (Nuclear structure of ^{124}Te. Two-frequency interferometer for crystal spectrometer); [Aachen, Germany: Shaker 1994] 18163

Photovoltaik. Grundlagen und Anwendungen (Photovoltaic. Foundations and applications); [Berlin, Germany: Springer-Verlag 1995] 23656

Process technology for semiconductor lasers. Crystal growth and microprocesses; [Berlin, Germany: Springer-Verlag 1996] 21236

Rare-earth iron permanent magnets; *J.M.D.Coey (editor/s),* [Oxford, UK: Oxford University Press 1996] 30015

Reliability and degradation of III-V optical devices; [Norwood, MA, USA: Artech House 1996] 88

Software agents and soft computing. Towards enhancing machine intelligence. Concepts and applications; *H.S.Nwana, N.Azarmi (editor/s),* [Berlin, Germany: Springer-Verlag 1997] 47321

Superconductivity of metals and cuprates; [Bristol, UK: IOP Publishing 1996] 30014

Surface science. Principles and current applications; *R.J.MacDonald, E.C.Taglauer, K.R.Wandelt (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 40663, 40686, 41841

CONFERENCE INDEX

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract)*. When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

Accelerator-driven transmutation technologies and applications; Las Vegas, NV, USA, July 1994, [1995] 7682–7, 7697–716, 7755–65, 9041–2

Accelerator technology; Maui, HI, USA, 3-9 Nov. 1994, *S.-I.Kurokawa, M.Month, S.Turner (editor/s),* [Singapore: World Scientific 1996] 29946 (introductory abstract), 32934, 33584, 36986–92, 37048–59, 37170–1

ACISP'96: information security and privacy; Wollongong, NSW, Australia, 24-26 June 1996, *(Australasian Soc. Electron. Security; Univ. Wollongong) J.Pieprzyk, J.Seberry (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 20337 (introductory abstract), 24760–76, 24806–8, 26629

Acoustic particle velocity sensors: Design, performance, and applications; Mystic, CT, USA, Sept. 1995, *(Naval Undersea Warfare Div.; Office of Naval Res.; Acoustical Soc. America)* [1996] 9821 (introductory abstract), 16992–5, 17316–7, 17795, 17873–6, 18808, 18907–11, 18965–73

Acoustics, speech and signal processing; Atlanta, GA, USA, 7-10 May 1996, *(Signal Process. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 9835 (introductory abstract), 9917–26, 10488, 10579, 11493–5, 11588–92, 11597–8, 14649, 14662, 14822–7, 14843, 14861, 14884–946, 14964–5019, 15030–102, 15112–45, 15240–57, 15277–311, 15353–415, 15896–911, 15982–4, 16006, 16013–4, 16016–21, 16049, 16067–8, 16076, 16373, 16462–3, 16469–76, 16535, 16545, 16553, 16579–82, 16609–14, 16635, 16879, 16898–900, 16988–91, 17037, 17114, 17129, 17809, 18207, 18375, 18476–7, 18526, 18553, 19007–8, 21407, 21532, 21650, 21701, 21753–7, 21784, 21816, 22999, 23717, 24596, 24614, 24630–1, 24643, 24656–9, 24804–5, 24818–20, 24849–50, 24875–81, 24931–57, 25013–37, 25096–159, 25192–227, 25355–450, 25572–84, 25660–5, 25740–64, 25799–801, 25816–23, 25827–31, 25836, 25888–9, 26009, 26062, 26409, 26413–4, 26471–4, 26549–54, 26602, 26628, 26677, 26962–6, 26972–4, 26984–5, 27046, 27061, 27074, 27091, 27094, 27097–105, 27405, 28071, 28137–43, 28344–5, 28365–6, 28376–8, 28428, 28442, 28597–8, 28657–62, 34638–44

ACPC '96: parallel computation; Klagenfurt, Austria, 23-25 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 15734, 16288

Acquisition, tracking, and pointing X; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 39493 (introductory abstract), 35320, 36265, 38067, 38173–80, 45714–7, 46017–22, 48084, 48644, 49869–71, 50261–4

Active matrix liquid crystal displays; Bethlehem, PA, USA, 25-26 Sept. 1995, [New York, NY, USA: IEEE 1995] 9813 (introductory abstract), 11176, 12305, 12739, 12942–53, 13733–4, 17682–96

Adaptive computing: mathematical and physical methods for complex environments; Denver, CO, USA, 4-5 Aug. 1996, *(SPIE)* [1996] 24144, 24292, 24823, 24994–5, 25522–6, 28157

ADC modelling; Smolenice Castle, Slovakia, 7-9 May 1996, *P.Daponte, L.Michaeli (editor/s),* [Budapest, Hungary: IMEKO 1996] 9786 (introductory abstract), 1526–42, 1649, 4859, 11516–25, 17205–6, 17480, 17604, 17865, 18956, 52044, 53376–7, 56530–1, 58605, 58617, 58646, 58710, 59087

ADFS '96: data fusion; Adelaide, SA, Australia, 21-22 Nov. 1996, [New York, NY, USA: IEEE 1996] 20419 (introductory abstract), 24489, 25228–46, 25779–81, 26986, 27080–2, 27115, 27922–3, 28298, 28641, 28663, 28701, 28718–9

Advanced and next-generation satellites; Taorima, Italy, 23-26 Sept. 1996, *(SPIE;)* [1997] 39507 (introductory abstract)

Advanced applications of lasers; Keystone, CO, USA, 5-9 Aug. 1996, *(Eng. Found)* [New York, NY, USA: IEEE 1996] 20416 (introductory abstract), 21315–7, 21356–64, 21367–8, 21385, 22218, 22271, 22545, 22603–6, 22626–7, 23759, 24259, 24319, 32996, 33147–8, 33178–85, 33214, 33323–46, 33555–6, 33699, 35439, 35838, 35885–8, 36145–77, 36199, 37729, 42442, 43370–2, 44044–8, 44066–8, 44149–54, 44172–4, 44196, 44302–4, 44381, 44449–51, 44596, 46130–1, 47912, 48518–9

Advanced materials for high technology applications; Herceg-Novi, Yugoslavia, 18-22 Sept. 1995, [1996] 10736, 10873–4, 11995, 13583

Advanced materials for interconnections; Strasbourg, France, 4-7 June 1996, [Jan. 1997] 39591 (introductory abstract), 40514–6, 40563, 40645–50, 40693, 42359, 42500–1, 42601–4, 42636–49, 42722–32, 43083, 43351, 43424–5

Advanced materials for optics and precision structures; Denver, CO, USA, 8 Aug. 1996, *(SPIE)* [1996] 30010 (introductory abstract), 33191–6, 36266, 36917, 36955–6

Advanced semiconductor manufacturing; Cambridge, MA, USA, 12-14 Nov. 1996, *(Semiconductor Equipment and Mater. Int.; IEEE; IEEE Electron Devices Soc.; IEEE Components, Packaging & Manuf. Technol. Soc)* [New York, NY, USA: IEEE 1996] 29991 (introductory abstract), 30096–7, 30143, 30162–75, 30181–7, 30361–5, 30370, 30408, 31276, 32107, 32206, 32223–30, 32251, 32330–2, 32494–8, 32518–23, 32543, 32561, 32986, 36437, 39646, 39683, 39705, 39718–25, 40496, 40977, 41135–6, 42377, 42443–9, 42626, 42801–3, 43176, 48658

Advanced signal processing algorithms, architectures and implementations; Denver, CO, USA, 6-8 Aug. 1996, *(SPIE)* [1996] 9827 (introductory abstract), 21702–5, 21722, 21800–1, 23634, 24612, 24629, 24885–99, 24993, 25267–71, 25884, 26516, 26967, 27148, 28306, 28324, 28642, 28686, 29202

Advanced technologies for environmental monitoring and remediation; Denver, CO, USA, 6-8 Aug. 1996, *(SPIE)* [1996] 39501 (introductory abstract)

Advances in optical information processing; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 9 (introductory abstract), 3347–50, 3486–7, 3503–5, 3516–8, 4142, 4404–5, 5461–4, 6708, 6956–7, 7014, 7236–7, 8688–9, 13709–10, 13744, 13748, 14737, 16881, 19026

Aerosols and atmospheric optics; Snowbird, UT, USA, 26-30 Sept. 1994, [27 Aug. 1996] 28618–21

Aerospace, integrated systems; London, UK, 18 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 45921, 49948, 50292

Aged oil - filled switchgear management; Middlesbrough, UK, 26 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 39563 (introductory abstract), 51393–8, 51411–2

AI '95: artificial intelligence; Canberra, ACT, Australia, 13-17 Nov. 1995, [Singapore: World Scientific 1995] 10359, 14959, 15696–7

AI, expert systems and neural nets; Honolulu, HI, USA, 19-21 Aug. 1996, *(IASTED)* [Anaheim, CA, USA: IASTED 1996] 56422, 57431–9, 57686, 57966, 58259

AI for network management systems; London, UK, 14 April 1997, *(IEE)* [London, UK: IEE 1997] 52007 (introductory abstract)

AI in engineering; Udine, Italy, 4-6 July 1995, *(Italian Assoc. Artificial Intelligence)* [Southampton, UK: Comput. Mech. Publications 1995] 30342, 35781

AI in manufacturing; London, UK, 11 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 39874–5

Air toxics and water monitoring; Munich, Germany, 21 June 1995, *(SPIE; Comm. Eur. Commuinities; Air & Waste Manage. Assoc.; Deutsche Forschungsanstalt fur Luft-und Raumfahrt eV; et al)* [1995] 29977 (introductory abstract)

Air traffic control; Nashville, TN, USA, 13-17 Oct. 1996, [Arlington, VA, USA: Air Traffic Control Assoc. 1996] 51928 (introductory abstract), 49951, 49959–75, 59967–95

Airborne navigation systems; London, UK, 21 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 52009 (introductory abstract), 59953–5

Airborne reconnaissance; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 39499 (introductory abstract)

Algorithms and architectures for parallel processing; Singapore, 11-13 June 1996, [New, NY, USA: IEEE 1996] 21151, 21728, 25038, 25589–90, 25849, 25920

Algorithms for multispectral and hyperspectral imagery; Orlando, FL, USA, 9-11 April 1996, *(SPIE)* [1996] 9761 (introductory abstract), 15767–78, 17236, 17515–6, 18790–800, 18836–42, 18947–50

Algorithms for synthetic aperture radar imagery; Orlando, FL, USA, 10-12 April 1996, *(SPIE)* [1996] 10 (introductory abstract), 4752, 6894–905, 6934–48, 6958, 8344–5, 8653–61, 8690

All-optical communication systems: architecture, control and network issues; Boston, MA, USA, 20-21 Nov. 1996, *(SPEI)* [1996] 20295 (introductory abstract), 25941–4, 26152, 26215, 26387, 26447, 26766–75, 26842–50, 26891–2

ALT '96: algorithmic learning theory; Sydney, NSW, Australia, 23-25 Oct. 1996, *(Japanese Soc. Artificial Intelligence; Univ. New South Wales)* [Berlin, Germany: Springer-Verlag 1996] 21096–7, 24759, 25778

Aluminium alloys. Their physical and mechanical properties; Grenoble, France, 15 July 1996, [1996] 10932–8

AM/FM in an age of competition; Seattle, WA, USA, 24-27 March 1996, [Aurora, CO, USA: AM/FM Int. 1996] 5897, 5914–5, 6704, 7092, 7219–20, 16141, 19295

AM/FM: public utilities; Sydney, NSW, Australia, 29-31 July 1996, *(Convergent Group Asia-Pacific; Hewlett Packard; Candata; Digital)* [Aurora, CO, USA: AM & FM Int. 1996] 5900

American Nuclear Society and European Nuclear Society meeting; Washington, DC, USA, 10-14 Nov. 1996, [1996] 60 (introductory abstract), 8012–3, 8114–27, 8137, 8218, 9011–3, 9074–9, 13517, 18061–6, 19449–50, 19458–9, 19480–2, 19490–502

Analog and mixed IC design; Pavia, Italy, 13-14 Sept. 1996, *(Region 8 of the IEEE Circuits & Syst. Soc.; AEI - Assoc. Elettrotecnica & Electron. Italiana; Univ. Pavia) F.Maloberti, A.Baschirotto, V.Liberali (editor/s),* [New York, NY, USA: IEEE 1996] 51935 (introductory abstract), 40958, 40964, 47837, 53042, 53071, 53076, 53360–5, 53385, 53406, 53430, 53459–60, 54772, 54790, 58024, 59306, 59447

Analogue signal processing; Oxford, UK, 20 Nov. 1996, [London, UK: IEE 1996] 20428 (introductory abstract), 31133, 31144, 31147, 31152, 31366, 31371–2, 31419–21, 32524, 32762

ANNIE '95: neural nets in engineering; St. Louis, MO, USA, 12-15 Nov. 1995, *C.H.Dagli, M.Akay, C.L.P.Chen, B.R.Fernandez, J.Ghosh (editor/s),* [New York, NY, USA: ASME Press 1995] 9788 (introductory abstract), 10187, 10360–5, 10441, 10510, 11077, 11627, 11914, 13184, 13243, 14817–20, 14960–3, 15231–8, 15703–12, 16531, 16891, 16982, 18197–9, 18293, 18434, 19168, 19252–3, 19848–9

Antenna applications; Monticello, IL, USA, 18-20 Sept. 1996, *(U.S. Air Force; Air Force Mater. Command; Rome Lab.; Hanscom Air Force Base; Antenna Lab.; Univ. Massachusetts; et al)* [Amherst, MA, USA: Univ. Massachusetts 1996] 39542 (introductory abstract), 45371–4, 45380–5, 45424–5, 45458–69, 45476, 48126

Antennas and propagation; Edinburgh, UK, 14-17 April 1997, *(IEE)* [London, UK: IEE 1997] 51927 (introductory abstract), 1482, 1556–7, 1559, 1678–82, 1690–2, 1694, 1704, 1753, 1951–2, 2281, 2576, 2675, 2708, 3274–5, 3365, 3388, 3428, 3436, 3458, 3581, 3599, 3850, 3910, 4065, 4188, 4225, 4315–6, 4336–7, 4340–2, 4358–64, 4367–71, 4390–3, 4395–6, 4408–9, 6746, 6778, 6885–7, 6929–30, 6997, 7521, 7555, 8097, 8294, 21417, 24325–6, 24549, 30975, 31030, 31457–9, 31464–72, 31475–7, 31483, 31487–9, 31569, 32476, 32595, 32605, 32880, 33052, 33078, 33215, 33791–4, 33798–800, 33821, 33924–52, 33957–65, 33976–4002, 34011–38, 34040–7, 34061, 34077–86, 34088–96, 34108, 34124–7, 34134–5, 34142–8, 34151–2, 34158–60, 34173–7, 34179, 34181, 34183–4, 34187–95, 34197–202, 34204–8, 34217–63, 34275–82, 34287–315, 34323–51, 34356–70, 34376–90, 34395–452, 34455–79, 34481–2, 34484–8, 34831–9, 35062–3, 35369, 35898–9, 35929–44, 35986–7, 36020, 36210, 36214, 36218–24, 36232–9, 36243–5, 36251, 36254–5, 36260, 36284–5, 36288–90, 36297–9, 36345, 36406, 36833, 36844, 36847–9, 36878, 37649, 37766, 37853, 37891, 37897–903, 37919, 38035, 38049, 56005–10, 56015–7, 56097, 56122–7, 56138–9, 56141–2, 56154–6, 56167, 56192–207, 56219, 57049, 57881, 58110–1, 58167–71, 58199–200, 58248, 59852

APDSI '96: decision sciences; Hong Kong, 21-22 June 1996, *(HKUST; Decision Sci. Inst.; Daewoo; Hanshine Int. Ltd)* [Hong Kong: Hong Kong Univ. Sci. & Technol. 1996] 39656–8, 39671, 39878, 40006–7, 40014, 40027, 40065–6, 40107–8, 46872, 46913–5, 48217, 49371

APMS '96: production management systems; Kyoto, Japan, 4-6 Nov. 1996, [Kyoto, Japan: Kyoto Univ. 1996] 39638, 39665–6, 39701, 39714, 52022

Application of lidar to current atmospheric topics; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20297 (introductory abstract)

Application of tunable diode and other infrared sources for atmospheric studies and industrial process monitoring; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20298 (introductory abstract)

Applications of digital image processing; Denver, CO, USA, 7-9 Aug. 1996, *(SPIE)* [1996] 20401 (introductory abstract), 31002, 33690, 34849, 35120–32, 35242–67, 35326–33, 35854–5, 36215, 36225, 36248, 36252, 36262, 36272, 36815, 36903–4, 37594, 37602, 37611, 37701–8, 37842, 38170

Applications of nuclear techniques to the metal and manufacturing industry; Lahore, Pakistan, 27-31 March 1994, [1996] 51988 (introductory abstract)

Applied computational geometry; Philadelphia, PA, USA, 27-28 May 1996, *(ACM)* [Berlin, Germany: Springer-Verlag 1996] 4261

Applied modelling and simulation; Lugano, Switzerland, 20-22 June 1994, *(IASTED)* [Anaheim, CA, USA: IASTED 1994] 52202, 52425, 52956, 53392, 53483, 54495, 56450–3, 57778, 58078, 59568, 60187, 60249–50, 60623–4, 61330

Applied sciences, especially mechanics; Hamburg, Germany, 3-7 July 1995, [1996] 13340, 19771, 19779

Applied sciences, expecially mechanics; Hamburg, Germany, 3-7 July 1995, [1996] 12895, 13578, 18254, 19772

Applied stochastics and optimization; Hamburg, Germany, 3-7 July 1995, [1996] 54 (introductory abstract), 376, 445–9, 491, 493–4, 652, 4742–4, 4830, 5191–2, 5437, 7030, 7479, 8069–70, 8278, 8809, 9249

Architectural support for programming languages and operating systems; Cambridge, MA, USA, 1-5 Oct. 1996, *(ACM)* [Sept. 1996] 1337–8, 1436, 4453, 5943, 6072

Artificial intelligence in real-time control; Bled, Slovenia, 29 Nov.-1 Dec. 1995, [Feb. 1997] 49519

Artificial neural nets and genetic algorithms; Ales, France, 18-21 April 1995, *D.W.Pearson, N.C.Steele, R.F.Albrecht (editor/s),* [Vienna, Austria: Springer-Verlag 1995] 29944 (introductory abstract), 21047, 21103–13, 21457, 24800–2, 25184–6, 25730–6, 25905, 26017, 26043, 26924, 27078, 27762, 32483, 34739, 35058–9, 36305, 36376, 36479, 38104

ASC '96: survey and statistical computing; London, UK, 11-13 Sept. 1996, [Chesham, UK: Assoc. Survey Comput. 1996] 21051, 26073, 26102

Asia-Pacific software engineering conference; Seoul, South Korea, 4-7 Dec. 1996, *(Korea Inf. Soc.; Korea Res. Found.; Int. Inst. Software Technol. United Nations Univ.; Electron. Technol. Inst.; Syst. Eng. Inst)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 26059

ASIAN '96: computing science; Singapore, 2-5 Dec. 1996, [Berlin, Germany: Springer-Verlag 1996] 53213, 56307–8, 57643–4, 57885–6

Asian-Pacific astronomy; Pune, India, 16-20 Aug. 1993, [1995] 7023–4, 7228–9, 7409

Asian test symposium; Hsinchu, Taiwan, 20-22 Nov. 1996, *(IEEE Comput. Soc. Tech. Committee on Test Technol. - Asia Subcommittee; Nat. Tsing Hua Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 51930 (introductory abstract), 52155–9, 52931, 52941–2, 53086, 53116–36, 53270, 53303, 53353, 53469, 53481, 53862, 54733, 54766, 55115, 57580, 57630, 57671, 58629–32

ASIC; Rochester, NY, USA, 23-27 Sept. 1996, *J.D.Meindl, P.R.Mukund, T.Gabara, R.Sridhar (editor/s),* [New York, NY, USA: IEEE 1996] 9818 (introductory abstract), 10015, 11038–9, 11138, 11153, 11155, 11226, 11248–53, 11389–400, 11451, 11496–505, 11548, 11567, 11605–6, 11615, 11866, 12054–6, 13091, 13112, 13141–2, 15914–5, 16050, 16329, 16456, 16546–9, 16616–8, 16802, 17315, 17706, 18208, 19027

ASIC Shanghai; Shanghai, China, 21-24 Oct. 1996, *(Chinese Inst. Electon.; IEEE Beijing Sect.; Nat. Natural Sci. Found. China; K.C. Wong Educ. Found., Hong Kong; IEE Electron. Div.; IEEE Circuits & Syst. Soc.; ACM SIGDA) Zhang Qian-Ling, Tang Ting-Ao, Yu Huihua (editor/s),* [Shanghai, China: Shanghai Sci. & Technol. Literature Publishing House 1996] 51932 (introductory abstract), 52064, 52126, 52943–6, 53041, 53069–70, 53087–91, 53137–64, 53271–2, 53306–13, 53354–8, 53381–3, 53455–7, 53482, 53582, 53734, 54734–8, 54767–70, 54786–8, 56270–1, 56374, 56459, 56805–12, 57581, 57604, 57631, 57780, 57844–5, 57962, 58049, 58058–60, 58066, 58075–7, 58086, 58445, 58498, 58531, 59305, 59590

ASP-DAC '97: design automation; Chiba, Japan, 28-31 Jan. 1997, *(IEICE of Japan; IPSJ (Inf. Process. Soc. Japan); ACM SIGDA; IEEE Circuits & Syst. Soc)* [New York, NY, USA: IEEE 1997] 39581 (introductory abstract), 39631–2, 40073, 40762–3, 40766, 40792–816, 40830–41, 40846, 40957, 40993, 41068–86, 41116–25, 41177, 41189, 41224–6, 41257–62, 41272, 41275, 41344, 41359, 41364, 41603–4, 41608, 43079, 43210–4, 43243, 43248, 43305–7, 43324–5, 43355, 46372, 46674, 47234, 47570, 48219

Assembly and connections in microsystems; London, UK, 26 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51938 (introductory abstract)

Astronomical data analysis software and systems; Tucson, AZ, USA, 23-25 Oct. 1995, [1996] 15961, 17018, 27118–20

Astronomy; Montevideo, Uruguay, 27 Nov. 1995, [Nov. 1996] 36293

Astrophysical applications of gravitational lensing; Melbourne, Vic., Australia, 9-14 July 1996, *(IAU)* [1996] 17518

Astrophysics; Byurakan, Armenia, 29 Sept.-4 Oct. 1995, [Oct.-Dec. 1995] 17011

ASWEC '96: software engineering, industrial experience; Melbourne, Vic., Australia, 14-18 July 1996, *(Phophecy Technol.; IREE Soc.; Australian Comput. Soc)* [Milsons Point, NSW, Australia: IREE Soc. 1996] 16495

Asynchronous circuits and systems; Eindhoven, Netherlands, 7-10 April 1997, *(Eindhoven Univ. Technol.; IEEE Comput. Soc.; Phillips Res. Lab., Eindhoven; Esprit Working Group 21949 (ACiD-WG))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 51971 (introductory abstract), 53099–100, 53227–39, 53327–9, 58190

ATM charging; London, UK, 12 Nov. 1996, [London, UK: IEE 1996] 20435 (introductory abstract), 46852, 46873–8, 46896, 46920–1, 47160, 47232

ATM network performance modelling and evaluation; Ilkley, UK, 8-10 July 1996, *D.Kouvatsos (editor/s),* [Bradford, UK: Univ. Bradford 1996] 20375 (introductory abstract), 25833–4, 25880–2, 25906–10, 25980–3, 26018, 26242–4, 26258–61, 26274, 26371, 26432, 35061, 35375–80, 35399–417, 35481, 35502–6, 35523, 35580–3, 35700–1, 35777–8, 35859–63, 35927, 36054

ATM networks performance modelling and evaluation; Bradford, UK, 4-7 July 1994, *(IFIP) D.D.Kouvatsos (editor/s),* [London, UK: Chapman & Hall 1995] 28 (introductory abstract), 398, 5673–5, 5726–8, 5820–7, 5886–7, 5919, 6264–5, 6267, 6378

ATM over satellite; London, UK, 27 Nov. 1996, [London, UK: IEE 1996] 20436 (introductory abstract), 47208, 47233, 47240, 47887–91

ATM traffic in personal mobile communications; London, UK, 11 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 30004 (introductory abstract), 47045–6, 47524, 47613–4, 47679, 47851–2

Atomic and quantum optics: high-precision measurements; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 13853, 14064, 14506, 14775, 17325–6, 17785–6, 17851–2, 23470, 23721, 23727, 23832, 24611, 24645

Atomic layer epitaxy and related surfaces processes; Linz, Austria, 29-31 July 1996, [March 1997] 51986 (introductory abstract), 52691–719, 52820, 54224, 54450–3

Atomic, molecular and condensed matter theory and computational methods; St. Augustine, FL, USA, 24 Feb.-2 March 1996, [15 Dec. 1996] 32004

Atomic spectra and oscillator strengths for astrophysical and laboratory plasmas; Meudon, France, 28-31 Aug. 1995, [1996] 18160

Atomically controlled surfaces and interfaces; Raleigh, NC, USA, 12-14 Oct. 1995, *(American Vacuum Soc.; Japanese Soc. Applied Phys)* [Nov. 1996] 10758–62, 10875–8, 12170–8, 12259, 12356, 12443–5, 12535, 12753–5

Automated optical inspection for industry; Beijing, China, 6-7 Nov. 1996, *(SPIE; China Opt. & Optoelectron. Manuf. Assoc.; Chinese Opt. Soc)* [1996] 19 (introductory abstract)

Automatic RF techniques group; Scottsdale, AZ, USA, 30 Nov.-1 Dec. 1995, [Tempe, AZ, USA: Automatic RF Tech. Group 1995] 11194, 11693–4, 13023, 14655, 16529, 17162–4, 17214–6, 17756–7

Automation for traffic; Zagreb, Croatia, 22-24 Nov. 1995, *(Aerocom, Zagreb; Agencija za Integralni Transport, Zagreb; Altpro, Zagreb; et al)* [Zagreb, Croatia: KoREMA 1995] 9820 (introductory abstract), 9999–10000, 10020, 18559–61, 18754, 20771, 28578–84, 29762–8, 29828

Autonomous decentralized systems; Berlin, Germany, 9-11 April 1997, *(IEEE Comput. Soc.; Inf. Process. Soc. Japan; Soc. Instrum. & Control Eng. Japan; IFIP; IFAC; Gesellschaft fuer Inf.; Hitachi; DeTeBerkom; NEC; Digital GMD FOKUS; Hewlett Packard; IBM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 51937 (introductory abstract), 52926, 57634–6, 57688, 57713–5, 57732–4, 57751, 57850–6, 57995–6, 59997, 60236

Autotestcon '96; Dayton, OH, USA, 16-19 Sept. 1996, *(IEEE Aerosp. & Electron. Syst. Soc.; IEEE Instrum. & Meas. Soc)* [New York, NY, USA: IEEE 1996] 39521 (introductory abstract), 30112, 30124, 31164, 31201, 31273, 31610–1, 36385–94, 36407–11, 36416–27, 37948–9, 37959–61, 37963, 38022, 38148–50, 38188–93, 38195–8, 40777, 48345–8, 48356–8, 48389, 49880, 50256

AUVS '95: unmanned vehicle systems; Washington, DC, USA, 10-12 July 1995, [Arlington, VA, USA: Assoc. Unmanned Vehicle Syst. 1995] 58115, 58127, 58479, 58502, 59863, 59866, 59917–21, 59928, 59965, 60003, 60130, 60157, 60166, 60563, 61288–9

Avionics; London, UK, 29-30 Nov. 1995, [Leatherhead, UK: ERA Technol. 1996] 59929–30, 60004

B-factory collective effects and impendance; Tsukuba, Japan, 12-17 June 1995, *Y.H.Chin (editor/s),* [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1996] 39582 (introductory abstract), 49071–2, 49221–55

B-physics at hadron machines; Rome, Italy, 17-21 June 1996, *(Banca di Roma; CAEN; DEC; et al)* [21 Dec. 1996] 30011 (introductory abstract), 36444, 37417–44, 37513–5

Battery applications and advances; Long Beach, CA, USA, 14-17 Jan. 1997, [New York, NY, USA: IEEE 1997] 51970 (introductory abstract), 58661, 59804, 59956–8, 60188, 60979, 60987, 60994–1036, 61041, 61064–6, 61259–61

Beam dynamics and technology issues for $OE$$O+$OE$$O- colliders; Montauk, NY, USA, 15-20 Oct. 1995, *(Brookhaven Natl. Lab)* [1996] 17924–42, 18067–9

Beam injection assessment of defects in semiconductors; Escorial, Spain, 3-6 June 1996, [15 Dec. 1996] 29970 (introductory abstract), 30151, 30895, 31769–76, 31820–7, 31950–2, 31995–8, 32083, 32105, 32141, 32188, 33512, 39036–8

Bequerel's legacy: a century of radioactivity; London, UK, 29 Feb.-1 March 1996, [1996] 11000, 18255–7, 18571, 19483

BIAM '96: manufacturing automation; Zagreb, Croatia, 18-20 June 1996, [Zagreb, Croatia: KoREMA 1996] 20745, 20784, 20802, 20832, 20978

Bioelectromagnetism; Tampere, Finland, 9-13 June 1996, [1996] 39570 (introductory abstract), 49368–9, 49491–2, 49511–4, 49569, 49650–63, 49667–70, 49697–714, 49750, 49813, 56553, 59470, 59538, 59601–28, 59693–720, 59744, 59750, 59809–10

Biomedical applications of photonics; London, UK, 2 April 1997, *(IEE)* [London, UK: IEE 1997] 51972 (introductory abstract)

Biomedical engineering; University Park, PA, USA, 3-6 Oct. 1996, [1996] 9783 (introductory abstract), 7870, 17228, 17555, 18169–75, 18188–94, 18286–7, 18489, 18525, 18545–52, 27448, 27690–5, 27709, 28063–6, 28096–9, 28174, 28256–8, 28275–94, 28315–6, 28342, 28360–2, 28399, 28433, 28437–41, 28464, 37582–3, 37599–601, 37609, 37633–7, 37692–7, 37715–8, 37751, 37789–97, 37841, 37843, 37851–2, 37856–8, 37862–6, 37879–82, 37885, 37890, 37932, 49376–8, 49423–6, 49596–606

Biomedical Engineering Society of India conference; New Delhi, India, 15-18 Feb. 1995, [New York, NY, USA: IEEE 1995] 4590, 7458, 7861–3, 7869, 7932, 7971, 8057–60, 8077, 8082, 8128–30, 8146–50, 8154, 8163–4, 8574, 10302, 17554, 18165, 18176, 18183–5, 18239–45, 18295, 18420–5, 18435, 18480, 18505

Bipolar/BiCMOS circuits and technology; Minneapolis, MN, USA, 29 Sept.-1 Oct. 1996, *(IEEE Electron Devices Soc.; IEEE Circuits & Syst. Soc.; IEEE Twin Cities Sect)* [New York, NY, USA: IEEE 1996] 20333 (introductory abstract), 21487, 21501, 21506–7, 21515, 21542, 21673, 21762–6, 21778–9, 21791, 21820, 21830, 21919, 21922–3, 21946–50, 22530, 22768–9, 22775–80, 22823–4, 22834–5, 22914, 22942, 22950, 22953, 23006, 23014–5, 23019, 26386, 26497, 26555, 26603

Brachytherapy meeting; Tours, France, 13-15 May 1996, [May 1996] 9763 (introductory abstract)

Broadband access systems; Boston, MA, USA, 19-22 Nov. 1996, *(SPIE)* [1996] 9779 (introductory abstract), 15805, 16007, 16041–4, 16098, 16174, 16198, 16306–8, 16400–2, 16446–52, 16480, 16496–9, 16771–7, 17077–88, 35839, 35856

Broadband strategies and technologies for wide area and local access networks; Berlin, Germany, 10-11 Oct. 1996, *(SPIE; Technol. Innovationszentrum Berlin eV; Soc. Imaging Sci. & Technol.; Eur. Opt. Soc.; et al)* [1996] 39585 (introductory abstract), 44730, 46822, 46923–7, 47445, 47496–7, 47996–9, 57704, 57718, 57782–4, 57983–4, 58000–1, 58026–7, 58264

Broadcasting - IBC '96; Amsterdam, Netherlands, 12-16 Sept. 1996, *(IEEE; IEE; Int. Assoc. Broadcasting Manuf.; R. Telev. Soc.; Soc. Cable Telecommun. Eng.; Soc. Motion Picture & Telev. Eng)* [London, UK: IEE 1996] 17039

Business applications of multimedia communication; London, UK, 16 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 39562 (introductory abstract), 57716–7, 57997–8

Buying power station equipment - European standards; London, UK, 28 Nov. 1996, [London, UK: IEE 1996] 20433 (introductory abstract), 30089, 38453–8

CAD/CAM, robotics and factories of the future; London, UK, 14-16 Aug. 1996, *(Festo; IEE; IMechE; Int. Soc. Productivity Enhancement; Middlesex Univ.; Univ. Northumbria)* [London, UK: Middlesex Univ. Press 1996] 39637, 39672, 39696, 39713, 39746–7, 39884, 39905, 39946, 41703, 45897, 45979–80, 46345–6, 47155, 48614, 48693, 49804, 50716

CALICO '96: computer assisted language instruction, distance learning; Albuquerque, NM, USA, 27 May-1 June 1996, [Durham, NC, USA: Duke Univ. 1996] 16213–4

Camera enforcement of traffic regulations; London, UK, 18 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20439 (introductory abstract), 25684, 26015, 26508, 26668, 27175–6, 27183

CAPE '95: computer applications in production engineering; Beijing, China, May 1995, *(IFIP; Comput. Eng. & Application Soc. Chinese Inst. Electron)* [London, UK: Chapman & Hall 1995] 20729, 20807–9, 20836, 20985, 21934, 22070, 26240–1, 30978

Carbon, hydrogen, nitrogen and oxygen in silicon and other elemental semiconductors; Strasbourg, France, 22-26 May 1995, [Jan. 1996] 52591–2, 54020, 54273, 54323, 54384–5

Cardiac pacing and electrical stimulation of the heart; London, UK, 22 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20440 (introductory abstract), 28389, 28408, 28444–7

Cassini/huygens: a mission to the saturnian systems; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20320 (introductory abstract)

CAV '96: computer aided verification; New Brunswick, NJ, USA, 31 July-3 Aug. 1996, [Berlin, Germany: Springer-Verlag 1996] 5857, 6299

CCCG '96: computational geometry; Ottawa, Ont., Canada, 12-15 Aug. 1996, [Ottawa, Ont., Canada: Carlton University Press 1996] 15502

Cellular neural networks and their applications; Seville, Spain, 24-26 June 1996, *(Circuits & Syst. Soc. IEEE; F.A.M.E.; Eur. Circuit Soc)* [New York, NY, USA: IEEE 1996] 29954 (introductory abstract), 30347–8, 30526, 31137, 31190, 31429–42, 32910, 34545, 34756–7, 35081–108

Centennial memorial conference dedicated to Academician Grigorii Abramovich Shain; Crimea, Ukraine, 17-19 April 1992, [1995] 43590, 48262

CESA '96: control, optimization and supervision; Lille, France, 9-12 July 1996, [Lille, France: Gerf EC Lille - Cite Scientifique 1996] 52311–2, 52358, 52371, 52519, 52526, 52560, 53410, 55343, 55987, 56395–6, 56490–5, 56525, 57120–8, 57551, 57554, 57759–63, 57891–2, 57964, 58573, 58699–700, 58832, 58836, 59805, 60443, 60491, 60570, 60572, 60710, 60754–61, 60796, 60820–1, 60907–9, 60967, 61108, 61180–3, 61264

CESA '96: discrete events and manufacturing systems; Lille, France, 9-12 July 1996, [Lille, France: Gerf EC Lille - Cite Scientifique 1996] 52168, 52448, 52462–7, 52510, 53195, 57752, 57858–60, 59741, 60700

CESA '96: modelling, analysis and simulation; Lille, France, 9-12 July 1996, [Lille, France: Gerf EC Lille - Cite Scientific 1996] 52115, 52391, 52394, 52399, 52454, 52508, 52542, 52567, 52936, 52994, 52997, 53004–5, 53033, 53037, 53248, 53374, 53475, 54660, 55959, 56083, 56240, 56257, 56344, 56516–7, 56523–4, 57328, 57605, 57905, 58428, 59393, 59931, 59961, 60117, 60265–6, 60446, 60493, 60510–1, 60518–9, 60526–7, 60709, 60771

CESA '96: robotics and cybernetics; Lille, France, 9-12 July 1996, [Lille, France: Gerf EC Lille - Cite Scientifique 1996] 39985, 45502, 46006, 46507–22, 47571, 48695, 48922–3, 48954, 49410, 49758, 49799, 49806–7, 50247, 51044, 51823–4, 56828–35, 59016, 59742, 60791

CGI '94: computer graphics; Melbourne, Vic., Australia, 27 June-1 July 1994, [Singapore: World Scientific 1996] 46132–3, 51825

Channel tunnel experience; Lille, France, 20-21 March 1997, *(IEE)* [London, UK: IEE 1997] 52014 (introductory abstract)

Chaotic, fractal, and nonlinear signal processing; Mystic, CT, USA, 10-14 July 1995, [1996] 20351 (introductory abstract), 21465–6, 21525, 24680, 24844, 25040–50, 25824, 27095–6, 28261–2, 28368–9, 28622, 28648

Charged-particles optics; Denver, CO, USA, 5 Aug. 1996, *(SPIE)* [1996] 30009 (introductory abstract), 31688–90, 31733–4, 32333–4, 33823–31

Chemical, biochemical, and environmental fiber sensors; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 29965 (introductory abstract)

Chemical sensors; Gaithersburg, MD, USA, 22-25 July 1996, [Sept. 1996] 20371 (introductory abstract), 22268, 23055, 23169, 27479–88, 27509, 27702–5, 27724–39, 27965–9, 28669, 30906, 36724–7, 36750–68, 36780–4, 36965, 36983, 37614

Chemistry- and biology-based technologies for contraband detection; Boston, MA, USA, 20-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 39554 (introductory abstract)

CHI '95: Human factors in computing systems; Denver, CO, USA, 7-11 May 1995, *(ACM)* [New York, NY, USA: ACM 1995] 46470, 46991, 47188, 47248–50, 47376–7, 48801

CIKM'96: information and knowledge management; Rockville, MD, USA, 12-16 Nov. 1996, *(ACM; NASA; Bell Commun.; NSF; AAAI; IEEE Comput. Soc.; et al)* [New York, NY, USA: ACM 1996] 36340

Circuits and systems; Atlanta, GA, USA, 12-15 May 1996, [New York, NY, USA: IEEE 1996] 39592 (introductory abstract), 380, 393, 454, 499–500, 502, 555, 620, 666–8, 1023–4, 1070, 1073–9, 1091–2, 1100–13, 1115–6, 1118, 1135–6, 1142, 1154, 1158–9, 1176–82, 1187, 1192, 1197–8, 1200, 1211, 1213–6, 1240, 1286–316, 1420–1, 1438–40, 1453–7, 1479, 1492–504, 1513–4, 1522–4, 1543–4, 1550, 1554, 1566, 1570, 1573–4, 1580–94, 1597–604, 1606, 1616–8, 1626, 1629–31, 1634, 1638–44, 1657, 1662–76, 1894, 2583, 2683–4, 2772–3, 2780–5, 2824–32, 2854, 2873–5, 3672, 4305, 4308–9, 4413–4, 4420, 4436, 4479, 4499, 4544–5, 4620–1, 4692–706, 4725–36, 4783–6, 4860–4, 4981–2, 5145–81, 5327, 5541–9, 5695–6, 5812, 5882, 5921–2, 6400, 6437, 6487, 6651–3, 6705, 6884, 7074, 7238–9, 7315–6, 7363, 7429–30, 7484, 8061, 8066, 8155, 8158–9, 8515, 8568, 9289, 10432, 11032–5, 11047–66, 11152, 11156, 11160–1, 11242, 11282–97, 11462, 11526, 11577–8, 11686, 11720, 11887, 12037, 12854, 13064–75, 13097–8, 13132–4, 14651, 15503–4, 17207, 20103, 40084, 40824, 40860, 40946, 40994, 41101, 41186, 41274, 41341, 41357, 43317

Circuits and systems, Asia Pacific conference; Seoul, South Korea, 18-21 Nov. 1996, *(Minist. Trade, Ind. & Energy; Minist. Inf. & Commun.; Minist. Sci. & Technol.; Korea Inst. Telematics & Electron.; IEEE Circuits & Syst. Soc.; IEEE Korea Council)* [New York, NY, USA: IEEE 1996] 51966 (introductory abstract), 52136, 52933, 52961–4, 53001, 53006–7, 53048–9, 53062–3, 53078, 53101, 53209–11, 53247, 53324, 53334–5, 53369–72, 53388, 53408–9, 53418, 53433–40, 53446, 53473, 53489–90, 53870, 54749–53, 54776, 56074–5, 56233, 56300–2, 56341–2, 56390–2, 56486–8, 56521, 57053–66, 57209–20, 57586, 57736, 57882, 57919, 57963, 57976, 58008, 58014, 58032, 58044, 58079–80, 58181–7, 58203, 58318–20, 58391, 59059, 59803, 60161, 60264

Cleaning technology in semiconductor device manufacturing; Chicago, IL, USA, Oct. 1995, *R.E.Novak, J.Ruzyllo (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1996] 29995 (introductory abstract), 40549, 41137, 42378, 42450–86, 42522–7, 42558–72, 42627–30, 42699, 42806, 43177–8, 43202–3, 43269, 48283, 48997

Clinical neurophysiology; Munich, Germany, 9-11 Oct. 1996, [Oct. 1996] 20369 (introductory abstract)

Cockpit displays; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 9805 (introductory abstract), 13868, 14436, 17623–31, 17698, 18614–27, 18662, 18981–3, 18988–90, 19004

Cognitive modelling; Canberra, ACT, Australia, 9 April 1996, [April 1997] 56471

Coherent and nonlinear optics; St. Petersburg, Russia, 27 June-1 July 1995, [1996] 39572 (introductory abstract), 44722–4, 45165

Coherent and nonlinear optics and laser optics; St. Petersburg, Russia, 27 June-1 July 1995, [1996] 3697, 3708, 3769–71, 3958, 4056–61, 7351, 7558, 8113

Coherent phenomena and amplification without inversion; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 13622, 13769, 13957, 14351–4, 14399–403, 24059

Collective effects in large hadron colliders; Montreux, Switzerland, 17-22 Oct. 1994, [1995] 9780 (introductory abstract), 17892–3, 17946–61

COLT '95: computational learning theory; Santa Cruz, CA, USA, 5-8 July 1995, [New York, NY, USA: ACM 1995] 40021, 45488

COMBIO '96: biosciences - modelling imaging and visualization; Sopron, Hungary, 29-31 Aug. 1996, *(Nat. Committee for Technol. Dev.; Hungarian Acad. Sci.; IEEE Hungarian Sect)* [Budapest, Hungary: KFKI Res. Inst. Meas. & Comput. Tech. 1996] 15020, 15747, 18296–9, 18436–8, 18527–8

Command, control, communications, and intelligence systems for law enforcement; Boston, MA, USA, 19-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 51980 (introductory abstract), 56408, 57370, 57929, 58120, 58213–8, 58463, 58503, 58845, 60134, 60163–4

Communicating agricultural information in remote places; Melbourne, Vic., Australia, 23-26 Jan. 1995, [1996] 85, 6014, 6022, 6068–9

Communications; Kingston, Ont., Canada, 2-5 June 1996, *(Dept Commun.; Nortel Technol.; Telecommun. Res. Inst. Ontario; IEEE Kingston Sect.; et al) H.T.Mouftah (editor/s),* [Kingston, Ont., Canada: Queen's Univ. 1996] 39556 (introductory abstract), 40293, 41254, 41342, 41475, 41525, 45152, 45500–1, 45520–8, 45630–40, 45710, 45965–75, 46552–3, 46655, 46679, 46702–3, 46802, 46831–3, 46943–5, 47202–4, 47383–6, 47481–2, 47565–7, 47817–24, 47883–6, 48018–20, 48121, 50281, 56249–51, 56269, 56715, 57988, 58064, 58145, 58239

Communications - ICC 96; Dallas, TX, USA, 23-27 June 1996, *(IEEE; IEEE Commun. Soc.; Dallas Sect. IEEE; Globecom; ComSoc)* [New York, NY, USA: IEEE 1996] 26 (introductory abstract), 1196, 3205, 3210–1, 3221–3, 3494, 4247–51, 4292, 4389, 4425–8, 4435, 4464–9, 4471–8, 4495–8, 4660–1, 4721–4, 4781–2, 4974, 5033–5, 5672, 5679–88, 5691–4, 5713–25, 5734–48, 5768–93, 5803, 5807–10, 5819, 5828–9, 5834, 5837–42, 5864–5, 5885, 5891–2, 5918, 5924–6, 5946, 5952–9, 5975–7, 6081–90, 6114–24, 6179–86, 6268, 6271, 6278–9, 6282–3, 6288–94, 6296, 6303, 6310–5, 6327–31, 6352–4, 6362–5, 6402–9, 6421, 6427, 6436, 6440–1, 6452–60, 6470–2, 6491, 6502–10, 6539–70, 6601–26, 6650, 6677–83, 6694, 6737, 6765–9, 6772–4, 6836–41, 7032–3, 7038, 7067, 7077–8, 7099, 7167

COMPCON 97; San Jose, CA, USA, 23-26 Feb. 1997, *(IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 41178, 41227–33, 43308–9, 45617, 46373–5, 46506, 46624, 47161–5, 47245, 48255, 48259

Complex dynamics in spatially extended systems; Copenhagen, Denmark, 27-30 Sept. 1995, [1996] 55752, 55875–7

Compound semiconductor electronics and photonics; San Francisco, CA, USA, 8-10 April 1996, *R.J.Shul, S.J.Pearton, F.Ren, C.-S.Wu (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 9839 (introductory abstract), 21303–11, 21318, 22260–2, 22295, 22328, 22415–8, 22423, 22444–5, 22501, 22505, 22540–1, 22585–93, 22607, 22784, 22793, 22885–6, 22889, 22901, 23705, 24002–9, 24028, 27577–80, 27962

COMPSTAT '96: computational statistics; Barcelona, Spain, 26-30 Aug. 1996, *(Direccion Gen. Investigacion Sci. Tech.; Direccio Gen. Res.; Inst. d'Estadistica de Catalunya; et al)* [Heidelberg, Germany: Physica-Verlag 1996] 385, 394, 396, 417–8, 420, 425–8, 434–6, 4779, 5277–8, 8035

Computation and neural systems; Monterey, CA, USA, 21-23 July 1994, *J.M.Bower (editor/s),* [Norwell, MA, USA: Kluwer Academic Publishers 1995] 11624 (introductory abstract), 13081, 15698, 18419

Computational geometry; Raleigh, NC, USA, 14-16 Oct. 1993, [Feb.-April 1997] 40192, 40781, 41598, 46267, 56908

Computational modeling of aircraft structures; New Brunswick, NJ, USA, 23-25 Oct. 1995, *(FAA)* [15 Nov. 1996] 659–61, 10552

Computational modelling of the mechanical behaviour of materials; Aachen, Germany, 27-29 Nov. 1995, [Dec. 1996] 12611

Computational structures technology: finite element technology; Budapest, Hungary, 21-23 Aug. 1996, *B.H.V.Topping (editor/s),* [Edinburgh, UK: Civil-Comp Press 1996] 10562 (introductory abstract), 10563–72

Computational structures technology: simulation; Budapest, Hungary, 21-23 Aug. 1996, [Edinburgh, UK: Civil-Comp Press 1996] 11216, 18529, 19460

Computer-aided design; San Jose, CA, USA, 10-14 Nov. 1996, *(IEEE Comput. Soc. Tech. Committee on Design Autom.; ACM SIGDA; IEEE Electron Devices Soc.; IEEE Computer Soc. Press; IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 9796 (introductory abstract), 10037–8, 11082–130, 11335–69, 11484–6, 11546, 11990, 13084–90, 13140

Computer-based human support systems; Philadelphia, PA, USA, 25-29 June 1995, *(ANS)* [La Grange, IL, USA: ANS 1995] 30109–11, 30397–8, 35682, 36442, 37413, 38251–2, 38466–8, 38473–9, 38512, 38515–21, 38611

Computer communications and networks; Las Vegas, NV, USA, 20-23 Sept. 1995, *(USC Commun. Sci. Inst.; SRI Int.; Data Tech; NASA; NIST; Univ. Southwestern Louisiana; NSF; IEEE Commun. Soc.; IEEE Comput. Soc) K.Makki, N.Pissinou (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1995] 39594 (introductory abstract), 46471–3, 46551, 46628–54, 46698–701, 46786–801, 46825–30, 46894–5, 46939–42, 47190–201, 47251, 47379–82, 47500, 47815–6, 48016–7, 57622, 57813–4

Computer design: VLSI in computers and processors; Austin, TX, USA, 7-9 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Design Autom.; IEEE Circuits & Syst. Soc.; IEEE Electron Devices Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 53 (introductory abstract), 1047–59, 1193, 1208–9, 1241–54, 1274, 1382, 1458–63, 1516, 1766, 1861–2, 2753–4, 2815, 3289, 5187–8, 5750–1, 5848–9, 6138–40, 6320, 7173, 8252

Computer-human interaction; Hamilton, New Zealand, 24-27 Nov. 1996, *(Comput.-Human Interaction Special Interest Group of the Ergonomics Soc. of Australia)* [Los Alamitos, CA, USA: IEEE Computer. Soc. Press 1996] 6137

Computer in cardiology; Indianapolis, IN, USA, 8-11 Sept. 1996, *(Electr. Eng. Dept., IUPUI; Nat. Inst. Health Div. Comput. Res. & Technol.; Eur. Soc. Cardiology; IEEE Eng. Med. Biology Soc) A.Murray, R.Arzbaecher (editor/s),* [New York, NY, USA: IEEE 1996] 29953 (introductory abstract), 28299–305, 28379–86, 35754, 37592–3, 37597–8, 37650–4, 37684–91, 37731–40, 37768–73, 37776–88, 37813–24, 37844–5, 37878, 37884, 37893, 37934–5, 49388–91, 49435–44, 49474–9, 49525–31, 49609–26, 49631–43, 49677–94, 49747, 49755, 49837–8, 59746

Computer methods for material modelling in electromagnetics; London, UK, 15 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 29958 (introductory abstract), 42903, 43744, 49841

Computer processing of oriental languages; Honolulu, HI, USA, 23-25 Nov. 1995, [Sept. 1996] 34648

Computer science; Valdivia, Chile, 13-15 Nov. 1996, [Santiago, Chile: Soc. Chilena de Ciencia de la Computacion 1996] 46912, 47365

Computer science education; San Jose, CA, USA, 27 Feb.-1 March 1997, *(ACM)* [March 1997] 39635

Computer security applications; San Diego, CA, USA, 9-13 Dec. 1996, *(Applied Comput. Security Associates; ACM SIGSAC)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 20313 (introductory abstract), 24660, 25510, 25921–3, 25967, 26107–11

Computer simulation; Ottawa, Ont., Canada, 24-26 July 1995, *T.I.Oren, L.G.Birta (editor/s),* [San Diego, CA, USA: SCS 1995] 39593 (introductory abstract), 39626, 39742, 39990, 40234, 40790, 41709, 44874, 44915, 45255, 45689, 46344, 46620–2, 46820, 47129, 47151–4, 47748, 47882, 48099, 48102, 48788, 50224, 50268–9, 50272–5, 50337, 50714, 51554, 51729, 51782

Computer systems and software engineering; Herzliya, Israel, 12-13 June 1996, *(IEEE Computer. Soc., Israel Chapter)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 1231

Computer vision applications; Sarasota, FL, USA, 2-4 Dec. 1996, *(IEEE Comput. Soc. Tech. Committee on Pattern Anal. & Machine Intelligence (PAMI))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 20311 (introductory abstract), 20964, 25454–83, 27048, 27178, 28144–6, 28392, 28430, 28550

Computers and industrial engineering; Shanghai, China, 25-27 Oct. 1995, [Dec. 1996] 339, 477–8, 1001, 4990, 6103

Computers in engineering '94; Minneapolis, MN, USA, 11-14 Sept. 1994, *(ASME)* [New York, NY, USA: ASME 1994] 156, 161, 621, 650, 927, 5038–40, 5269, 6194, 7191, 7669, 8586, 9735

Computers in engineering '95: databases; Boston, MA, USA, 17-20 Sept. 1995, *(ASME)* [New York, NY, USA: ASME 1995] 334, 4175, 5531–5, 7221, 7428, 7524, 9103, 9684

Computers serving the disabled; London, UK, 7 March 1997, *(IEE)* [London, UK: IEE 1997] 59821–4

CONCUR '96: concurrency theory; Pisa, Italy, 26-29 Aug. 1996, [Berlin, Germany: Springer-Verlag 1996] 437, 4543

Condensed matter; Bhubaneswar, India, 29-31 Aug. 1995, [Nov. 1996] 30012 (introductory abstract), 30809–10, 32066–7

Condensed Matter Division of the European Physical Society general conference; Baveno-Stresa, Italy, 22-25 April 1996, [1996] 29986 (introductory abstract), 30825, 32030, 32072, 32879, 32920, 32985, 33300, 33347, 33573–4, 33596, 37748

Condensed matter physics meeting; Wagga Wagga, NSW, Australia, Feb. 1996, [1997] 51920 (introductory abstract), 55142

Conducting polymers and their applications in transducers and instrumentation; London, UK, 30 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20387 (introductory abstract), 21325, 22759, 23081, 23669, 24209, 27746, 27763

Conduction and breakdown in dielectric liquids; Roma, Italy, 15-19 July 1996, *(IEEE Dielectr. & Electr. Insulation Soc. (IEEE-DEIS))* [New York, NY, USA: IEEE 1996] 20336 (introductory abstract), 21009, 21988, 23099–104, 23107–9, 23116–53, 23156, 23159, 23222, 23226, 23229–31, 23233–51, 23254, 23338, 24357, 24381, 27813, 27838–9, 27877, 27884, 27982, 28044, 28957, 29371–6, 29515, 29519–20, 29929

Consumer electronics; Rosemont, IL, USA, 5-7 June 1996, [Nov. 1996] 10017, 14851, 15948–51, 16053, 16345, 16410–1, 16477, 16551, 16816, 17040, 17044–9, 17059, 17091, 17103–4, 17339, 24905

Containment design and operation; Toronto, Ont., Canada, 19-21 Oct. 1994, [Nov. 1996] 29009–12, 29028–31

Control '96; Exeter, UK, 2-5 Sept. 1996, [London, UK: IEE 1996] 29994, 30343–4, 31310, 34740–1, 34842–4, 36053, 36352, 38187, 38212, 38239–40, 38274, 38310, 38320, 38597–8, 38612–3, 38629, 38681, 38861, 39264–5, 39904, 40000, 40127–8, 40753, 40828, 41255, 45791, 45976, 47508, 49868, 50459, 50633, 50753, 50757, 51795

Control applications; Dearborn, MI, USA, 15-18 Sept. 1996, *(IEEE Control Syst. Soc)* [New York, NY, USA: IEEE 1996] 954, 1780, 2344, 2995–6, 3264, 4709, 4984, 6888, 7168, 8144, 8227–9, 8705, 8771–8, 8849, 9057, 9154–5, 9220–5, 9262, 9341–3, 9591–2, 9651, 9690, 9729

Control in communications; Lund, Sweden, 17-19 Sept. 1996, *U.Korner (editor/s),* [Lund, Sweden: Lund Inst. Technol., Lund Univ. 1996] 20378 (introductory abstract), 25835, 25911, 25964, 25986, 26050–2, 26071, 26326–8, 35381–4, 35418, 35482–5, 35524–5, 35584–6, 35779, 35788, 35812

Controlled fusion and plasma physics; Kiev, Ukraine, 24-28 June 1996, [Dec. 1996] 17898

Cooperative information systems; Brussels, Belgium, 19-21 June 1996, *(Int. Found. Cooperative Inf. Syst)* [Los Alamitos, CA, USA: IEEE Comput. Soc Press 1996] 6134

COTS and safety critical systems; London, UK, 28 Jan. 1997, *(IEE)* [London, UK: IEE 1996] 37964, 38024

Covalent ceramics - non-oxide science and technology; Boston, MA, USA, 27-30 Nov. 1995, *A.F.Hepp, P.N.Kumta, J.J.Sullivan, G.S.Fischman, A.E.Kaloyeros (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 39520 (introductory abstract), 31272, 31509, 32427, 40380, 40417, 40495, 40498, 40548, 40569, 40668, 42018–9, 42376, 42995–6, 43017

CP '96: constraint programming; Cambridge, MA, USA, 19-22 Aug. 1996, [Berlin, Germany: Springer-Verlag 1996] 16118

Critical factors in localized corrosion; Chicago, IL, USA, 9-11 Oct. 1995, [Pennington, NJ, USA: Electrochem. Soc. 1996] 32852

Cryogenic engineering; Columbus, OH, USA, 17-21 July 1995, *P.Kittel (editor/s),* [New York, NY, USA: Plenum Press 1996] 39540 (introductory abstract), 32897, 32937–54, 37000–5, 37081–3, 37193, 38382–3, 38434, 39255–6, 40717, 41407, 41561, 42943, 43750, 43813, 43817, 43837, 43840–50, 43853–5, 44323, 48298, 48359, 48393, 48446–53, 48535, 49010–25, 49078–82, 49159–62, 49219, 49316, 49321, 49358, 49472–3, 49497, 49910, 49942, 49988, 50640, 50927–30, 51622–5, 51866–77

Cryogenic materials; Columbus, OH, USA, 17-21 July 1995, [New York, NY, USA: Pleunum Press 1997] 43766–79, 43836, 43861–9, 48821, 49267, 52832–6, 52849–50, 52854, 52892, 53632–3, 55027, 55081–5, 55089–109, 55128, 55130–2, 55134–41, 55151–2, 59113, 60402–3, 60438–9, 60690, 60693, 60720–2

Cryogenic optical systems and instruments; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 23427, 27116, 27648, 28488, 28545–6, 28611–3

Cryogenic systems for large scale superconducting applications; Toki, Japan, 27-29 May 1996, *T.Mito (editor/s),* [Nagoya, Japan: Nat. Inst. Fusion Sci. 1996] 20350 (introductory abstract)

Cryptology - ASIACRYPT'96; Kyongju, South Korea, 3-7 Nov. 1996, *(Korea Inst. Inf. Security & Cryptology; Int. Assoc. Cryptologic Res) K.Kim, T.Matsumoto (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 77 (introductory abstract), 4548–73, 5668, 14794–9, 16249

Crystal growth; The Hague, Netherlands, 18-23 June 1995, [2 Sept. 1996] 9764 (introductory abstract), 10585–615, 10631–54, 10684–8, 10763–75, 10838–9, 10880, 12141–3, 12221, 12316, 12561–2, 12619, 12656, 12713, 12770, 13417, 13432, 13637, 18123

Current developments in disordered materials; Kurukshetra, India, 22-24 Jan. 1996, *(Indian Soc. Disordered Mater.; Semicond. Soc. India; Kurukshetra Univ.; et al)* [1996] 53706, 54032–3, 54074, 54102, 54112–8, 54918, 55034, 55117, 55267

Current developments in optical design and engineering; Denver, CO, USA, 5-7 Aug. 1996, *(SPIE)* [1996] 39551 (introductory abstract), 44143, 44155, 44159, 44188–91, 44604–5, 44620, 44761–2, 46160, 47495, 47995, 48672–3, 48687, 48881, 48912–3, 48970, 49483, 50072

Custom integrated circuits; San Diego, CA, USA, 5-8 May 1996, *(IEEE Electron. Devices Soc.; IEEE Solid State Circuits Council)* [March 1997] 40959, 40978, 41029, 41138–9, 41206–7, 41266–9, 41277, 41300–1, 41326, 41350, 41490, 47516, 48674, 49785

Cybernetics and systems '96; Vienna, Austria, 9-12 April 1996, *(Federal Ministr. Sci., Res. & the Arts; Vienna Tourist Board)* [Nov.-Dec. 1996] 52396

Data engineering; Birmingham, UK, 7-11 April 1997, *(IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 57861–4, 58241, 58553–5

Decision and control; Kobe, Japan, 11-13 Dec. 1996, *(IEEE Control Syst. Soc.; Soc. Instrum. & Control Eng.; Inst. Syst., Control & Inf. Eng)* [New York, NY, USA: IEEE 1996] 30371–4, 30402–3, 30420–1, 30442–3, 30466, 30580–1, 31136, 34840–1, 34962–8, 34970–2, 35393, 35397, 35440–1, 35455–60, 35477–9, 35489–90, 35492–3, 36366, 36920, 37965, 37969, 38030, 38134, 38199, 38273, 38303–4, 38704, 38755, 38934, 39336, 39688, 39706, 39726–7, 39731, 39885, 39920, 39966–71, 39988, 40024–6, 40087–91, 40103, 40149, 40191, 40223, 40407, 40570, 40718, 40861, 40871–3, 41325, 43731–2, 44994, 45484–6, 45650–1, 45792–5, 45814–34, 45877, 46145–6, 46195–7, 46528, 46564–7, 46682–4, 46686, 46803, 48043, 48088, 48172, 48178, 49800, 49889, 50046, 50284, 50322–4, 50343, 50383–4, 50400–1, 50414, 50481, 50507, 50510, 50533, 50710–1, 50719, 50725, 50777, 50940–1, 50984–5, 51060, 51110, 51151–3, 51429, 51753, 51812

Defect and fault tolerance in VLSI systems; Boston, MA, USA, 6-8 Nov. 1996, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 30024 (introductory abstract), 31066, 31169–71, 31248–54, 31274–5, 31335–6, 31673, 32510–7, 32534–7, 32555–7, 36435–6, 37519, 40976

Design and engineering of optical systems; Glasgow, UK, 13-16 May 1996, *(SPIE; Corning France; Essilor Int.; Glasgow Dev. Agency; et al)* [1996] 1854, 3422, 3482, 3500, 3524, 3527–8, 3637, 3947, 4127–9, 4166, 5217, 7399, 7410–1, 7503, 7509, 8099

Detection and remediation technologies for mines and minelike targets; Orlando, FL, USA, 9-12 April 1996, *(SPIE)* [1996] 6 (introductory abstract)

Detection of abandoned land mines; Edinburgh, UK, 7-9 Oct. 1996, [London, UK: IEE 1996] 4246, 6966, 8587–624, 18993

Deutsche Bunsen-Gesellschaft meeting; Jena, Germany, 18-20 March 1996, [Sept. 1996] 54317

Development and application of semiconductor tracking detectors; Hiroshima, Japan, 10-13 Oct. 1995, [1 Dec. 1996] 29969 (introductory abstract), 36561, 37371–402, 37506–10

Developments in optical component coatings; Glasgow, UK, 15-16 May 1996, *(SPIE; Corning France; Essilor Int.; Glasgow Dev. Agency; Pilkington Optronics; et al)* [1996] 15 (introductory abstract), 875–6, 3499, 3549–55, 3562–9, 3923, 3935, 3939, 4143, 7131

Device research; Santa Barbara, CA, USA, 24-26 June 1996, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1996] 76 (introductory abstract), 1155, 1321, 1422, 1712–9, 1736–7, 1912, 2260, 2295, 2417–8, 2559, 2566, 2584–6, 2610, 2613–4, 2685–99, 2722–8, 2737–9, 2743, 2833–5, 2843, 3013, 3261, 3612, 3621–2, 3644, 3673, 3900–7, 6670, 6866–7, 7317, 7364–6, 7514, 13033

DEXA '96: database and expert systems applications; Zurich, Switzerland, 9-13 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 16331

DGCI '96: discrete geometry for computer imagery; Lyon, France, 13-15 Nov. 1996, *S.Miguet, A.Montanvert, S.Ubeda (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 29992 (introductory abstract), 30582, 35308–10, 37730

DGCI: discrete geometry for computer imagery; Grenoble, France, 19-21 Sept. 1994, [Grenoble, France: Inst. IMAG 1994] 35202–3, 37683

Diamond workshop; Osaka, Japan, 11 March 1996, [1996] 12139, 12517, 17796

Dielectric materials, measurements and applications; Bath, UK, 23-26 Sept. 1996, [London, UK: IEE 1996] 39522 (introductory abstract), 40666, 40673, 41427, 41546–7, 41726–7, 41737, 43420, 43432–3, 43436, 43446–9, 43451–4, 43472–3, 43479, 43506, 43508–9, 43513–4, 43516–23, 43548–56, 43560–76, 44198, 44975, 48804, 48826–9, 50595, 50618, 50921, 50963, 51087, 51410, 51423, 51448

Digital and analogue filters and filtering systems; London, UK, 9 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 29956 (introductory abstract), 31367–8, 31384–9, 31417, 34703, 34845–6, 35315

Digital audio broadcasting; London, UK, 6-7 July 1995, [London, UK: IBC Tech. Services 1995] 73 (introductory abstract), 7045–58, 17028–9

Digital avionics systems; Atlanta, GA, USA, 27-31 Oct. 1996, [New York, NY, USA: IEEE 1996] 51997 (introductory abstract), 48175, 49843, 49852–3, 49863–4, 49881–8, 49911–24, 49955, 50257, 50266, 50288–9, 52272, 57727, 58228, 58260, 59868–9, 59922–3, 59941–51, 59999–60002, 60006, 60177–8

Digital compression technologies and systems for video communications; Berlin, Germany, 7-9 Oct. 1996, *(Technologiestiftung Innovationszentrum; Soc. Imaging Sci. & Technol.; et al)* [1996] 56 (introductory abstract), 15210, 15591–653, 16070, 16258, 17234, 18258–9

Digital image recovery and synthesis; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 9778 (introductory abstract), 15936–46, 16904, 18851, 25262–6, 27085, 27649

Digital signal processing; Loen, Norway, 1-4 Sept. 1996, *(ABB Technol.; NERA Telecommun) J.M.Lervik, P.Waldemar (editor/s),* [New York, NY, USA: IEEE 1996] 39577 (introductory abstract), 39630, 39639, 41256, 41343, 43353, 45286, 45529, 45615–6, 45642–3, 45690–5, 45711–2, 45899–919, 45981–6005, 46347–66, 46474–94, 46547–9, 46554–5, 47207, 47390, 47507, 47556–8, 47568–9, 48056–7, 48103, 48155–6, 48161, 49575, 49744–5, 49797, 50016, 50770

Digitization of the battlefield; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 20316 (introductory abstract)

DIMACS: interconnection networks, and mapping and scheduling parallel computation; New Brunwick, NJ, USA, 7-9 Feb. 1994, [New York, NY, USA: ASME 1995] 30494, 32487, 33174

Discharges and electrical insulation in vacuum; Berkeley, CA, USA, 21-26 July 1996, *(APS; American Vacuum Soc.; Cooper Power Syst.; Dielectr. & Electr. Insulation Soc. IEEE; Lawrence Berkeley Nat. Lab.; Lawrence Livermore Nat. Lab.; Los Alamos Nat. Lab.; Sandia Nat. Lab.; U.S. Dept. Energy)* [New York, NY, USA: IEEE 1996] 20307 (introductory abstract), 21354, 22006, 22116, 22118–36, 22138–42, 22146–8, 22153–62, 22167–70, 22175, 22185, 23111–4, 23184–221, 23223–4, 23228, 23253, 24053, 24369–71, 24377, 27983, 27993–7, 28006–12, 28053, 28073, 28494–5, 28572, 28885, 28889–90, 28917–23, 28940–1, 28948–53, 29194, 29206, 29363, 29386, 29411, 29459–66, 29469–94, 29498–501, 29659, 29874, 29913

Discretely-coupled dynamical systems; Santiago de Compostela, Spain, 24-28 June 1995, [Sept. 1996] 21471–2, 23417, 28364

Display manufacturing technology; Santa Clara, CA, USA, 31 Jan.-2 Feb. 1995, [Santa Ana, CA, USA: Soc. Inf. Display 1995] 10743, 10858, 12007, 12071, 12077–8, 12837, 12941, 13080, 13721–31, 17614–6, 17655–81

Distributed and multiplexed fiber optic sensors; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 29981 (introductory abstract), 46058, 47896, 48570–94, 48599–600, 49873, 49952, 50212, 50254, 51737

Distributed interactive simulation and real time applications; Eilat, Israel, 9-10 Jan. 1997, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 21847

Distribution and transmission systems monitoring; London, UK, 28 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 30001 (introductory abstract), 48470, 50490–1, 50537, 50581–2, 50598, 50657–8

Document analysis systems; Kaiserslautern, Germany, Oct. 1994, [Singapore: World Scientific 1995] 1035, 4975–7

Doped fiber devices; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20300 (introductory abstract), 23471–7, 23527–8, 23776–85, 24084–8, 24268, 26688, 27591

Driver/vehicle performance monitoring; London, UK, 10 April 1997, *(IEE)* [London, UK: IEE 1997] 52013 (introductory abstract)

Earth observing system; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20360 (introductory abstract)

Earth's trapped particle environment; Taos, NM, USA, 15-19 Aug. 1994, [1996] 18162, 28610

Economic provision of reactive power for voltage control; London, UK, 9 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 64 (introductory abstract), 19199–201, 19256, 19266, 19435

EDCC-2: dependable computing; Taormina, Italy, 2-4 Oct. 1996, *A.Hlawiczka, J.G.Silva, L.Simoncini (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 20377 (introductory abstract), 21616–7, 21734–6, 25977, 26202, 27404, 29819

EDIF World '96; Pacific Grove, CA, USA, 7-8 Oct. 1996, *(USA EDIF User's Group)* [Tempe, AZ, USA: EDIF User's Group 1996] 29949 (introductory abstract), 31574–7

EFDAN '96: fuzzy decision analysis; Dortmund, Germany, 21-22 May 1996, [Dortmund, Germany: Fuzzy Demonstrations-Zentrum Dortmund im ICD Inf. Centrum Dortmund 1996] 10201, 10281–2, 10421, 18501

EGS4 users' meeting; Tsukuba, Japan, 29-31 July 1996, [Ibaraki-ken, Japan: Nat. Lab. High Energy Phys. 1996] 20349 (introductory abstract)

EISCAT scientific workshop; Cargese, France, 2-6 Oct. 1995, [Dec. 1996] 56055–6, 56529, 58250, 60068–70

ELACH 2, 'Electroanalytical Group' meeting; Clausthal-Zellerfeld, Germany, 2-5 Oct. 1995, [Oct. 1996] 48988–94

Electrets; Shanghai, China, 25-30 Sept. 1996, *(IEEE Dielectr. & Electr. Insulation Soc)* [New York, NY, USA: IEEE 1996] 52757, 52807, 52830, 52855, 52857–8, 52861, 53932, 54314, 54862–7, 54870–80, 54893, 54899–906, 54927–32, 54952–3, 54966–77, 55018, 55159, 55220, 55392–3, 55460, 55894–5, 58959, 58978–80, 59100, 60126, 60398, 60417

Electric propulsion; London, UK, 5-6 Oct. 1995, [London, UK: Inst. Marine Eng. 1995] 20374 (introductory abstract), 29800–18

Electric surface heating; London, UK, 10 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 63 (introductory abstract), 20226–31, 20233, 20291

Electrical and computer engineering; Calgary, Alta., Canada, 26-29 May 1996, *(IEEE Canada; Northcon Telecom; Alberta Power Ltd.; Trans Canada Pipelines; The City of Calgary Electr. Syst) T.J.Malkinson (editor/s),* [New York, NY, USA: IEEE 1996] 9792 (introductory abstract), 9857, 9943–4, 10044, 10105, 11079, 11133, 11195, 11197, 11318–9, 11386, 11533, 11579, 11614, 11634–5, 11727–30, 12576, 13138, 13187–90, 13619, 14174, 14525, 14537, 14647, 14706–7, 14752, 14874, 15165–6, 15168–74, 15239, 15496–501, 15738–42, 15880, 16001–2, 16004–5, 16026–31, 16092–3, 16123–5, 16202, 16217, 16318–9, 16364, 16515–6, 16532–4, 16544, 16575–8, 16607–8, 16797–9, 16840, 16883, 16892–4, 16970, 16976, 17004, 17218, 17283, 17285, 17435–6, 17557, 17725, 17730, 17804, 18182, 18204–5, 18233–8, 18787–8, 18999, 19049–53, 19066–7, 19074–5, 19122–33, 19195–7, 19215–6, 19246, 19258, 19283, 19296–300, 19305, 19321–3, 19326, 19384–9, 19393, 19416, 19418–9, 19421, 19427, 19434, 19592, 19634, 19687, 19709–10, 19715–8, 19744–6, 19749–50, 19799–800, 19821, 19837–8, 19853–5, 19861–2, 19920, 20128–33, 20167, 20178, 20200, 20215, 20258, 20286

Electrical and related properties of organic solids; Polanica-Zdroj, Poland, 18-22 June 1996, [Sept.-Dec. 1996] 22294, 22321, 22326, 23579, 23668, 24156, 24294–5

Electrical contacts - 1996; Chicago, IL, USA, 16-20 Sept. 1996, *(Components, Packaging, & Manuf. Technol. Soc.; IEEE)* [New York, NY, USA: IEEE 1996] 9819 (introductory abstract), 11026, 11788–814, 11819–26, 11828–38, 11840–3, 11989, 19428, 19903–8

Electrical engineering meeting for young researchers; France, 1-3 April 1996, [April 1997] 51984 (introductory abstract), 53732, 54577, 55044, 60924

Electrical insulation; Montreal, Que., Canada, 16-19 June 1996, *(IEEE Dielectr. & Electr. Insulation Soc)* [New York, NY, USA: IEEE 1996] 9769 (introductory abstract), 1750–1, 2963–6, 2968–81, 8272–3, 8891, 8896, 8904–10, 8930–43, 8957, 8969, 9127, 9147–9, 9168–84, 9252, 9307–17, 9437, 11772, 11783–4, 12058, 13203–4, 13210, 13215–9, 13244, 13258–63, 13266–77, 13282–97, 13301–14, 14510, 17717, 17721, 19332–59, 19375, 19407–8, 19665, 19667, 19684, 19788–93, 19802–13, 19852, 19888–9, 19900–1, 19917–9, 19921, 19943–5, 19950

Electrical insulation and dielectric phenomena; Millbrae, CA, USA, 20-23 Oct. 1996, *(IEEE Dielectr. & Electr. Insulation Soc)* [New York, NY, USA: IEEE 1996] 29972 (introductory abstract), 30986, 31545, 32084, 32598–604, 32609–15, 32622–38, 32666, 32673, 32687–96, 32702–40, 33110, 33247, 33840, 33853, 36497–8, 36523, 36846, 36851–2, 36879, 36974, 38357–63, 38374, 38390–1, 38398, 38400–10, 38677–9, 38699–700, 38783–4, 38788–93, 38923, 38927, 39257, 40684–5, 40730, 41577, 41723, 41750, 43421, 43429, 43437–41, 43444–5, 43455–68, 43510, 43512, 43524–41, 43544–6, 44236, 48732, 50568–9, 50584, 50892–3, 50979, 51082, 51443, 51619, 51911

Electrical machines performance modelling; London, UK, 15 April 1997, *(IEE)* [London, UK: IEE 1997] 52004 (introductory abstract)

Electrical overstress/electrostatic discharge; Phoenix, AZ, USA, 12-14 Sept. 1995, *(ESD Assoc.; IEEE; Electron Devices Soc)* [Oct. 1996] 31278, 32368, 32396, 32539, 32559, 32851, 33801–2

Electrical overstress/electrostatic discharge symposium; Orlando, FL, USA, 10-12 Sept. 1996, *(ESD Assoc.; IEEE; Electron. Devices Soc)* [Rome, NY, USA: ESD Assoc. 1996] 20331 (introductory abstract), 20772, 20818–21, 20880–2, 21486, 21597–8, 21671–2, 21987, 22029, 22831–3, 22941, 22978, 23364–6, 24338–56, 24501, 27796–7, 27881, 28483

Electrical performance of electronic packaging; Napa, CA, USA, 28-30 Oct. 1996, *(IEEE Microwave Theory & Techn. Soc.; IEEE Components, Packaging & Manuf. Technol. Soc)* [New York, NY, USA: IEEE 1996] 51999 (introductory abstract), 39801–25, 40761, 40990–2, 41220–3, 41355, 41423, 41431, 41513–6, 41528–9, 41548, 41704, 41715–7, 42708, 43236–7, 43289–90, 43342, 44539, 45256–7, 45281–5, 45342, 45349, 45412, 46871, 47559, 48104, 48835, 48857

Electro-optical technology for remote chemical detection and identification; Orlando, FL, USA, 8-9 April 1996, *(SPIE)* [1996] 8 (introductory abstract)

Electro-rheological fluids, magneto-rheological suspensions and associated technology; Sheffield, UK, July 1995, [30 Oct. 1996] 72 (introductory abstract), 966–89, 9288, 9461–5, 9630

Electrochemical systems for rechargeable batteries; Puscha Voditsa, Ukraine, 14-17 May 1995, *V.Barsukov, F.Beck (editor/s),* [Dordrecht, Netherlands: Kluwer Academic 1996] 44 (introductory abstract), 9470–1, 9481–513, 9529–30, 9571, 9682

Electromagnetic compatibility; Santa Clara, CA, USA, 19-23 Aug. 1996, *(Electromagnetic News Report; IBEX Group; Int. Compliance Corp.; Schaffner EMC; Schlegel Corp.; Vanguard Products Corp.; Omega Shielding)* [New York, NY, USA: IEEE 1996] 39558 (introductory abstract), 40773, 41031, 41217, 41291, 41575–6, 41584–92, 43200, 43285, 44875, 45056, 45181–217, 45220–48, 45266–70, 45393, 45435, 47509, 47513–5, 47609, 48193, 48799–800, 48809, 48856, 49862, 50532

Electromagnetic field computation; Okayama, Japan, 18-20 March 1996, *(IEEE Magn. Soc)* [March 1997] 39627–8, 39865, 40272–3, 40709–10, 40720, 41390, 41420–1, 41551–2, 41557–8, 41563, 41595, 41801, 42352, 43430, 43607–13, 43624, 43639–40, 43686–7, 43699, 43702–4, 43710, 43712, 43723–5, 43729, 43733–4, 43755–6, 43851, 43859–60, 44029, 44521, 44718, 44865–72, 44877–95, 44903–10, 44922–36, 44938–66, 44968, 44971–4, 44982, 44984–91, 44996–8, 45050, 45063–74, 45250–3, 45280, 45334–9, 45377, 45407–10, 47741, 48055, 48775, 49459, 49486, 49770, 50010, 50894, 50904–8, 50912–5, 50942–6, 50954–7, 50981, 50989–96, 51016–24, 51034, 51041–2, 51049–52, 51078–81, 51114, 51132, 51199, 51383, 51387–9, 51434, 51626–8, 51678, 51754–5, 51761–4, 51813, 51841, 51850–3, 51879, 51908

Electromagnetic launch technology; Baltimore, MD, USA, 21-24 April 1996, [Jan. 1997] 20408 (introductory abstract), 22007, 24388–432, 28543, 29282, 31677, 32386, 32644, 32955, 33857–910, 36984, 38182–5, 38809–11, 39253, 39290

Electromagnetic theory; St Petersburg, Russia, 23-26 May 1995, [Nov.-Dec. 1996] 11646, 11674, 11743, 13208, 13627, 13678–9, 14516, 14528, 14540, 14584–600, 14615, 14617, 14693, 14733–6, 14758–61, 15352, 16655, 16863, 17019–20, 17744, 18812, 18854–9, 18914, 24453

Electromagnetic theory: mathematical methods; Lviv, Ukraine, 10-13 Sept. 1996, *(IEEE Electron Devices Soc.; U.S. Office of Naval Res. Eur. Office; U.S. Air Force Eur. Office of Aerosp. Res. & Dev.; Ukrainian Branch of Int. Renaissance Found.; West Ukrainian Res. Assistance Found.; Charitabel Found. 'Ar'ianna')* [New York, NY, USA: IEEE 1996] 39545 (introductory abstract), 40153, 41408–11, 41416, 41792–3, 43631, 43717, 44006, 44485, 44540, 44651, 44726, 44854, 44862, 44896, 45009–13, 45019–37, 45057–9, 45076–104, 45131, 45167–9, 45174–6, 45306, 45309–18, 45343–4, 45354, 45361–5, 45394, 45413, 45432, 45437–8, 45445, 45449–52, 45471, 45920, 46194, 46371, 47991, 48206, 49532, 49644, 50071, 50207, 50231, 50234–5

Electromagnetics and induction heating; London, UK, 31 Oct. 1996, [London, UK: IEE 1996] 20429 (introductory abstract), 29876–7, 29907–9

Electron devices; Hong Kong, 29 June 1996, *(IEEE Electron Devices Soc.; Dept. Electron. Eng., Hong Kong Polytech. Univ)* [New York, NY, USA: IEEE 1996] 39580 (introductory abstract), 31510–1, 31801, 32095–6, 32231, 32384, 32428–37, 32460–1, 32558, 36586, 36786–8, 39743, 40881, 41066–7, 41147–9, 41157–76, 41188, 41292, 41460–6, 41517–9, 41526–7, 41538–41, 41559, 41768, 41780–5, 41977, 42044, 42097, 42195, 42326, 42396–8, 42410, 42553–5, 42593–6, 42610, 42664–9, 42709–12, 42890–1, 42908, 42926, 42933, 42939, 42960–2, 42968, 42997, 43018–32, 43052–78, 43098–103, 43137–45, 43152–3, 43162, 43209, 43234, 43238–42, 43253, 43275–8, 43291–304, 43333–4, 43343–4, 43346–8, 43406–9, 43587–9, 43727–8, 44263, 44317, 44515–7, 47992–4, 48230, 48482–7, 48544–5, 48551–3, 48683–6, 48694, 48789, 48797, 49399

Electron, ion, and photon beam technology and nanofabrication; Atlanta, GA, USA, 28-31 May 1996, *(American Vacuum Soc.; IEEE; Opt. Soc. America)* [Nov.-Dec. 1996] 20353 (introductory abstract), 21349–50, 22150–1, 22163, 22171, 22189, 22293, 22377–8, 22399–400, 22483, 22537–8, 22565–70, 22582–3, 22663–75, 22700–38, 22838–40, 22879–81, 22895–8, 22980, 23008, 23026, 23049–52, 23415, 23629, 23641–2, 23665, 23942, 23961–3, 24363–8, 27906, 28013, 28623, 31263, 32175, 32270–305, 32401

Electronic components and technology; Orlando, FL, USA, 28-31 May 1996, *(Components, Packaging, & Manuf. Technol. Soc. IEEE; Electron. Ind. Assoc)* [New York, NY, USA: IEEE 1996] 145, 190–246, 359, 844–5, 922, 1437, 1762–4, 1778–9, 1846–9, 1857–9, 2425–7, 2747–8, 3362–3, 3405, 3521, 3648, 3838–42, 4282, 4300, 6740–2, 9324

Electronic design automation frameworks; Gramado, Brazil, Nov. 1994, *F.J.Rammig, F.R.Wagner (editor/s),* [London, UK: Chapman & Hall 1995] 27 (introductory abstract)

Electronic displays for use at sea; London, UK, 19 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51939 (introductory abstract), 51810, 59880, 60155, 61252–6

Electronic imaging and multimedia systems; Beijing, China, 4-5 Nov. 1996, *(SPIE; China Opt. & Optoelectron. Manuf. Assoc.; Chinese Opt. Soc)* [1996] 9777 (introductory abstract), 13658, 14466, 15263, 15779–804, 16399, 16770, 17517, 18206

Electronic manufacturing technology; Omiya, Japan, 4-6 Dec. 1995, *(Steering Committee of 1995 Japn IEMT Symposium; IEEE Tokyo Sect.; Tokyo Chapter of IEEE CPMT Soc.; Found. Adv. Int. Sci.; IEICE; IEE of Japan; Microelectron. Soc.-Japan; Japan Inst. Interconnecting & Packaging Electron. Circuits; Soc. Instrum. & Control Eng.; Japan Soc. Precision Eng.; Japan Welding Soc.; Japan Technol. Transfer Assoc.; Japan Electron. Mater. Soc.; Japan Soc. Applied Phys.; Soc. Polymer Sci., Japan; Japan Inst. Metals; Ceramic Soc. Japan; Optoelectron. Ind. & Technol. Dev. Assoc.; Electrochem. Soc. Japan; IEEE Electron. Device Soc. Tokyo Chapter; SEMI, Japan; LEOS-Laser Opt. Soc. Tokyo Chapter)* [New York, NY, USA: IEEE 1996] 9766 (introductory abstract), 10028–9, 10071–89, 10697, 10927, 10942–4, 10952, 10966, 11043, 11545, 11649, 11675, 11685, 11719, 11746–7, 11752–4, 11854–5, 11880–6, 11991, 11993–4, 12008–21, 12031–6, 12124, 12291, 12633, 12810–1, 12894, 13013, 13062–3, 13316, 13376–8, 13407, 13410, 13575, 13644, 13891–2, 13995, 14110, 14479, 14517, 16392, 16508, 16564–5, 16676, 17112, 17573–4, 17617–9

Electronic packaging - INTERpack 95; Lahaina, HI, USA, 26-30 March 1995, *(ASME; Japan Soc. Mech. Eng) T.R.Hsu, A.Bar-Cohen, W.Nakayama (editor/s),* [New York, NY, USA: ASME 1995] 20376 (introductory abstract), 30066–7, 30078–9, 30221–57, 30271–5, 30277–323, 30330–8, 30399, 30953, 30958–63, 30966–8, 30980, 30982, 31014–7, 31045–6, 31109–10, 31304–5, 31311, 31524, 31565, 31587–8, 31606–9, 31628–9, 31634, 31651–2, 31663–4, 31666, 31674, 32244, 32454, 32488, 32499, 32577–8, 32674, 32865, 33211, 35556–9, 35878, 35880, 36144, 36496, 36789, 37967, 38121, 38151–2, 38154, 38862, 39348, 39354–5

Electronic properties of metal/non-metal microsystems; Polanica Zdroj, Poland, 11-14 Sept. 1995, [Oct. 1996] 21 (introductory abstract), 11748–9, 12602–3, 13845, 13870, 14036

Electronics, circuits and systems; Amman, Jordan, 17-21 Dec. 1995, [Amman, Jordan: Higher Council for Sci. & Technol. 1995] 402, 453, 1067–8, 1696–7, 1730, 4236, 4260, 4291, 4381, 4619, 4777, 5268, 6383, 6468–9, 6599, 6690, 6829–31, 7216, 7560, 8270, 8748, 8955, 9242, 9269, 9306

Electronics manufacturing technology; Austin, TX, USA, 14-16 Oct. 1996, *(Semicond. Equipment & Mater. Int. (SEMI); Components, Packaging, & Manuf. Technol. Soc. (CPMT))* [New York, NY, USA: IEEE 1996] 29973 (introductory abstract), 20743, 20825–31, 20847–8, 20932–9, 20975–6, 21007–8, 21302, 21324, 21383, 22049, 22094–8, 22584, 22853, 28057, 30100, 30152–8, 30258–68, 30353, 30770, 30987, 31265, 31612–4, 31636, 31649–50, 31665, 31780, 32192–3, 32489–91, 36671

Electronics packaging; Austin, TX, USA, 29 Sept.-1 Oct. 1996, *(Int. Electron. Packaging Soc)* [Edina, MN, USA: Int. Electron. Packaging Soc. 1996] 52257–71, 53342, 53577, 53718, 53876–7, 61308

Elementary particle physics; Valencia, Spain, 5-9 June 1995, *(Univ. Int. Menendez y Pelaya (UIMP))* [Singapore: World Scientific 1996] 18116–7, 18126

EM screens, radomes and materials; London, UK, 24 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 9799 (introductory abstract)

Embedded generation impact on distribution networks; London, UK, 15 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20340 (introductory abstract), 28881, 28971–5, 29080, 29178–9

EMC in aerospace; London, UK, 11 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20427 (introductory abstract), 31051, 34122, 37945–6, 37952, 37968, 38155

Emerging applications of computer vision; Washington, DC, USA, 16-18 Oct. 1996, *(SPIE; AIPR Executive Committee)* [1997] 51981 (introductory abstract), 52320, 55341, 57371–80, 58577, 59529–30, 60028–31, 60174–5

Emerging technologies and factory automation; Kauai, HI, USA, 18-21 Nov. 1996, *(IEEE Ind. Electron. Soc.; Soc. Instrum. & Control Eng. Japan)* [New York,

NY, USA: IEEE 1996] 9798 (introductory abstract), 9899, 9980, 10004, 10030–1, 10039–40, 10205–6, 10303, 11468, 11550, 13178–9, 13191, 13773–4, 14535, 15743–6, 16292–300, 17115, 17217, 17437, 17620, 17779, 18611–3, 19759, 19778, 20123

Empirical methods in discourse interpretation and generation; Stanford, CA, USA, 27-29 March 1995, *(AAAI)* [Menlo Park, CA, USA: AAAI Press 1995] 24803, 24872–3

Energy conversion engineering; Washington, DC, USA, 11-16 Aug. 1996, *(IEEE Natl. Capital Area Council)* [New York, NY, USA: IEEE 1996] 9795 (introductory abstract), 9986, 9998, 11188, 11199, 11776, 12883, 12980, 17858, 18590, 18595–6, 18605, 18661, 18664–735, 18737–44, 19217, 19231, 19268–9, 19313, 19363, 19446–7, 19463, 19471–5, 19561–4, 19576–9, 19587, 19635–6, 19649, 19660–2, 19719, 19723, 19762, 19822, 19863–7, 19881, 19902, 19934–6, 19938–41, 19956, 19968, 19970–7, 20013, 20017–23, 20036–7, 20052–9, 20063–84, 20086–93, 20095–7, 20099, 20141, 20189–93, 20204, 20208, 20249, 20251, 20271, 20870, 21003–4, 21478, 22075–6, 22808, 24502, 27047, 27391, 28485–6, 28490–2, 28529, 28570–1, 28575, 28665–7, 28763–8, 28959, 28965, 28970, 28979–90, 29007–8, 29056–60, 29069–72, 29088–91, 29097, 29102, 29110–2, 29114, 29120–9, 29134, 29152–5, 29168, 29173–6, 29213, 29257, 29264–5, 29310, 29387, 29540, 29653–8, 29677, 29758–61, 29778–81, 29831–4, 29880, 29882, 29884–91, 29893, 29895, 29898, 29920, 29923–7

Energy models for policy and planning; London, UK, 18-20 July 1995, [July-Oct. 1996] 20405 (introductory abstract), 28823–8, 28851, 29142, 29148

Engineering and technology management; Vancouver, BC, Canada, 18-20 Aug. 1996, *(IEEE Eng. Manage. Soc)* [New York, NY, USA: IEEE 1996] 9945 (introductory abstract), 9794, 9894–8, 9946–68, 9975, 9994–5, 10008–12, 10014, 10036, 10188–90, 10232, 11080, 16149, 16211, 16290, 16657, 18490, 18593, 19371, 20201, 20247

Engineering in medicine and biology; Montreal, Que., Canada, 20-23 Sept. 1995, [New York, NY, USA: IEEE 1997] 39595 (introductory abstract), 49721–43, 59375–6, 59380–3, 59391–2, 59427–33, 59505, 59569–89, 59629, 59646–81, 59722–34, 59739, 59752–62, 59782–5, 59788–95, 59811–6

Engineering of complex computer systems; Montreal, Que., Canada, 21-25 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Complexity in Comput.; IFAC COMPUT; Office of Naval Res.; Honeywell Corp.; Naval Surface Warfare Center; Real-Time Comput. Lab. at NJIT; Inst. Syst. Integration at NJIT; Graduate Students Assoc. NJIT)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 490, 5184–5, 5844–5, 6129

Engineering of computer-based systems; Monterey, CA, USA, 24-28 March 1997, *(IEEE Comput. Soc. Tech. Committee on Eng. Comput.-Based Syst.; Univ. Arizona)* [Los Alamitos, CA, USA: IEEE Computer. Soc. Press 1997] 50642, 51820

Engineering science of chemical-mechanical planarization; Anaheim, CA, USA, 4-8 Feb. 1996, *(TMS)* [Oct. 1996] 69 (introductory abstract), 2405–11, 2779

Enhanced and synthetic vision; Orlando, FL, USA, 8-10 April 1996, *(SPIE)* [1996] 9824 (introductory abstract), 15762–3, 16854–5, 17291, 17510–4, 17525, 17699–700, 18643–54, 18750–1, 18991–2, 19031

Environments and tools for parallel scientific computing; Faverges de la Tour, France, 22-23 Aug. 1996, [April 1997] 57933

ESA '96: algorithms; Barcelona, Spain, 25-27 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 10376, 15881, 16134, 16800

ESANN '95: neural networks; Brussels, Belgium, 19-21 April 1995, [Brussels, Belgium: D facto 1995] 4658–9, 4971–3, 7931

ESM '95: modelling and simulation; Prague, Czech Republic, 5-7 June 1995, *(Czech & Slovak Simulation Soc.; Chinese Assoc. Syst. Simulation; et al)* [Ghent, Belgium: SCS 1995] 30073, 30658, 31059–61, 31453, 35450–1, 35520, 35533, 35674, 36198, 36231, 38301, 38605, 38744, 39231

ESORICS '96: computer security; Rome, Italy, 25-27 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 14828–9, 16107–8, 16210, 16289, 16327–8

ESR dosimetry and applications; Munich, Germany, 15-19 May 1995, [Nov.-Dec. 1996] 20409 (introductory abstract), 28033, 28466–82

ESS '96: simulation in industry; Genoa, Italy, 24-26 Oct. 1996, *(Chinese Assoc. Syst. Simulation; Czech & Slovak Simulation Soc.; Eur. Simulation Council; et al)* [Ghent, Belgium: SCS 1996] 30021, 30074–5, 30467, 30544, 31062–3, 31067–8, 35452–4, 35534, 35773, 35857, 36040–1, 37847–8, 37931, 38302, 38314, 38703, 38891, 39286, 39717, 39917, 43179, 49851, 50378–9

Euro-par '96: parallel processing; Lyon, France, 26-29 Aug. 1996, [Berlin, Germany: Springer-Verlag 1996] 10284, 10434, 10472–6, 10504–5, 11067, 11281, 11333, 11370, 11487, 13758–9, 14545, 15201, 15576–81, 16023–5, 16091, 16095, 16248, 16250, 16286–7, 16482, 16684–5

EuroCALL '95: language learning; Valencia, Spain, 7-9 Sept. 1995, [Valencia, Spain: Univ. Polytec. Valencia 1995] 57771–2, 58009

Eurographics '96: graphics hardware; Poitiers, France, 26-27 Aug. 1996, [Yorktown Heights, NY, USA: IBM T J Watson Res. Center 1996] 11479–82, 15735–7

EUROMIR 95: crew debriefing and lessons learnt; Monschau, Germany, 15-19 April 1996, [Paris, France: ESA 1996] 20310 (introductory abstract), 28589–91

European design automation. EURO-VHDL; Geneva, Switzerland, 16-20 Sept. 1996, *(Gesellschaft fur Inf. e.V.; IEEE Comput. Soc. Tech. Committee for Design Autom.; IEEE Circuits & Syst. Soc.; ACM SIGDA; IFIP 10.5; EDAC; CEPIS; Eur. C.A.D. Stand. Initiative; Osterreichische Comput. Gesellshaft; Schweizer Inf. Gesellschaft)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 43 (introductory abstract)

European frequency and time forum; Brighton, UK, 5-7 March 1996, *(IEE)* [London, UK: IEE 1996] 20330 (introductory abstract), 21529–31, 21537–8, 21885, 21893, 21935, 22299, 23179, 23183, 23263–7, 23269–74, 23276–80, 23283–7, 23670, 24022, 24042, 25012, 25872, 26674–5, 27273–82, 27338–40, 27366–73, 27385, 27824, 27833, 27937–8, 28559–60, 31128, 31141–3, 31352, 32571, 32754, 32756–9, 32778–9, 35426–7, 35985, 36106–7, 36360, 36363–4, 36480, 36736, 36859, 36929–38

European powder diffraction; Chester, UK, 10-14 July 1995, [1996] 40437, 41965, 42005, 43494

European surface mount conference; Brighton, UK, 12-14 Nov. 1996, *(Nepcon Electron.; Electron. Production)* [High Wycombe, UK: SMART Group 1996] 51998 (introductory abstract)

EuroPVM '96: parallel virtual machine; Munich, Germany, 7-9 Oct. 1996, [Berlin, Germany: Springer-Verlag 1996] 21446, 24359, 25666–8, 26204–5

EUV, X-ray, and gamma-ray instrumentation for astronomy; Denver, CO, USA, 7-9 Aug. 1996, *(SPIE)* [1996] 20296 (introductory abstract)

Evolution of epitaxial structure and morphology; Boston, MA, USA, 27 Nov.-1 Dec. 1995, [Philadelphia, PA, USA: Mater. Res. Soc. 1996] 716–32, 2002, 2079

Evolutionary computation; Indianapolis, IN, USA, 13-16 April 1997, *(IEEE; IEEE Neural Netowrk Council (NNC); Evolutionary Computation (ICEC '97))* [New York, NY, USA: IEEE 1997] 52520–1, 52531, 52934, 52978–9, 53240, 53330, 53491, 53824, 56311–4, 56496, 57129, 57893, 57920, 58087, 58536, 60129, 60191, 60505

Evolutionary programming; San Diego, CA, USA, 1-3 March 1995, [Cambridge, MA, USA: MIT Press 1995] 45977–8, 49958

Exotic atoms and nuclei; Hakone, Japan, 7-10 June 1995, [Dec. 1996] 49270, 49314

Experimental mechanics: advances and applications; Singapore, 4-6 Dec. 1996, *(SPIE; Soc. Experimental Mech.; SPIE Singapore Chapter)* [1997] 51954 (introductory abstract)

Experimental mechanics applications to electronic packaging; San Francisco, CA, USA, 12-17 Nov. 1995, *(ASME) J.-C.Suhling (editor/s),* [New York, NY, USA: ASME 1995] 41 (introductory abstract), 324–30, 335, 1011, 1734, 1760, 1822, 7295, 7318

Expert systems: critical technology; Seoul, South Korea, 5-9 Feb. 1996, [New York, NY, USA: Cognizant Commun. Corp 1996] 35373, 38305, 45493, 46818, 47714, 47867, 50766

Extragalactic neutral hydrogen; Minneapolis, MN, USA, 27 March-2 June 1994, [1996] 58513

Fault diagnosis, modelling and signal processing; Leicester, UK, 18 Sept. 1996, *(IEE)* [London, UK: IEE 1996] 79 (introductory abstract), 4829, 8275, 9166

Ferroelectric liquid crystals; Cambridge, UK, 23-27 July 1995, [1996] 39537 (introductory abstract), 32766–7, 33149–63, 33186, 33759–60, 43484, 43583, 44092–7, 44107–9, 44665–6, 48765–74

Ferroelectric materials and their applications; Kyoto, Japan, 29 May-1 June 1996, [Sept. 1996] 20 (introductory abstract), 694–5, 816, 836–8, 854, 929–33, 1162, 2625, 2877–9, 2904–24, 2931–49, 2984–9, 2998, 3311, 3462, 4015, 7240–1, 7598, 9277

Ferroelectric-semiconductors; Rostov-on-Don, Russia, 1-4 June 1993, *(Russian Acad. Sci.; Russian Acad. Educ.; Sci. Council of Ferrelectr. & Dielectr.; et al)* [1995] 39512 (introductory abstract), 43474–5

Ferroelectricity; Nijmegen, Netherlands, 4-8 July 1995, *(Royal Dutch Acad. Sci.; Found. Phys.; Dutch Found. for Fundamental Res. of Matter FOM; et al)* [1996] 39590 (introductory abstract), 43491, 43501–3, 43596, 44733–5, 44776, 52600, 52690, 52751–2, 52815–6, 52846, 54868, 54933–42, 55002–3

Ferroelectrics; Sapporo, Japan, 21-23 June 1996, [Nov. 1996] 20326 (introductory abstract), 21298–9, 21352, 21989–90, 22164, 22852, 23175–8, 23181–2, 23690, 24240

Fiber optic and laser sensors; Denver, CO, USA, 7-9 Aug. 1996, *(SPIE)* [1996] 20400 (introductory abstract), 30983, 30996, 36487, 36503–4, 36601–8, 36612–32, 36637–42, 37700, 37846, 37962, 38038, 38538, 39351

Fiber optic gyros; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20299 (introductory abstract), 23512, 23701, 26893, 27608–36, 28564, 28695, 28698, 29822, 33003, 33190, 36589–95, 38146

Fiber optic sensor workshop; Troutdale, OR, USA, 8-9 May 1996, *(SPIE; Blue Road Res)* [1996] 39529 (introductory abstract), 40699–700, 48489, 48615–27, 49779, 50670, 51821

Field emission symposium; Moscow, Russia, 14-19 July 1996, *(Assoc. 'Ultramicroscopy in Sci. & Technol.'; Centre for Anal. Substance; Moscow Gov)* [Sept. 1996] 53916–27, 54573, 59185

Field-programmable logic and applications; Oxford, UK, 29 Aug.-1 Sept. 1995, *W.Moore, W.Luk (editor/s),* [Berlin, Germany: Springer-Verlag 1995] 24 (introductory abstract), 10307, 11073–6, 11269–72, 11304–16, 11473–5, 11582–3, 12809, 14815–6, 15164, 15229–30, 15491, 16216, 17229, 17282, 20115

FieldComms Europe; Brussels, Belgium, 8-9 Oct. 1996, *(C & I Europe; Elektron. Norden; IEN; Systeme)* [Titchfield, UK: GGH Marketing Commun. 1996] 57846, 60251

FieldComms UK; Hinckley, UK, 5-6 Nov. 1996, *(Control Syst. Process)* [Titchfield, UK: GGH Marketing Commun. 1996] 53719, 57842–3

Flatness, roughness, and discrete defect characterization for computer disks, wafers, and flat panel displays; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 39531 (introductory abstract), 39892–8, 43244, 48338–40, 48790, 48905–11

FLINS: intelligent systems/soft computing for nuclear science/industry; Mol, Belgium, 25-27 Sept. 1996, [Singapore: World Scientific 1996] 21846, 24925, 25323–4, 28461, 28843, 29000–6, 29022–4

Flip chip, ball grid array, TAB, and advanced packaging; San Jose, CA, USA, 14-17 Feb. 1995, [Neffs, PA, USA: Semicond. Technol. Center 1995] 20373 (introductory abstract), 20846, 20907–29, 20974, 22048, 22086–93

Fly-by-light; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 51976 (introductory abstract), 58817, 59900–16, 59924–6, 59964

FMCAD '96: formal methods in CAD; Palo Alto, CA, USA, 6-8 Nov. 1996, *M.Srivas, A.Camilleri (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 30023 (introductory abstract), 30508, 31039, 31064, 31246–7, 31331–2

Forensic evidence analysis and crime scene investigation; Boston, MA, USA, 20-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 46060–1, 48221, 48703, 48837

Formal description techniques; Kaiserslautern, Germany, 8-11 Oct. 1996, *(IFIP) R.Gotzhein, J.Bredereke (editor/s),* [London, UK: Chapman & Hall 1996] 20415 (introductory abstract), 16086–90, 16282, 16362, 20824, 24758, 25955–7, 26203, 26249, 26355, 27173

Formal techniques in real-time and fault-tolerant systems; Uppsala, Sweden, 9-13 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 16105

Formation of semiconductor interfaces; Princeton, NJ, USA, 26-30 June 1995, *(Adv. Technol. Center for Photonics & Optoelectron. Mater., Princeton Univ.; David Sarnoff Res. Center)* [Sept. 1996] 58 (introductory abstract), 777–80, 788–97, 881–2, 895, 1980, 1986, 2027–8, 2039–41, 2092–3, 2117–24, 2186–9, 2238–49, 2280, 2285, 2372–85, 2391, 2579–80, 2665

Foundations of computer science; Burlington, VT, USA, 14-16 Oct. 1996, *(IEEE Computer. Soc.; IEEE Comput. Soc. Tech. Committee on Math. Found. Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 419, 438, 651, 4515–8, 5794, 5869–71, 6195

Foundations of software engineering; San Francisco, CA, USA, 16-18 Oct. 1996, [Nov. 1996] 5852

FPGAs for custom computing machines; Napa Valley, CA, USA, 17-19 April 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Archit) L.Pocek, J.Arnold (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 20312 (introductory abstract), 21571–9, 21716–21, 25484–5, 27420, 28147

FPL '96: field programmable logic; Darmstadt, Germany, 23-25 Sept. 1996, *R.W.Hartenstein, M.Glesner (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 9836 (introductory abstract), 11144–51, 11417–39, 11509–11, 11599–600, 14785, 14862, 15416, 15985–7, 16487

Fracture mechanics application in electronic packaging and materials; San Francisco, CA, USA, 12-17 Nov. 1995, *(ASME)* [New York, NY, USA: ASME 1995] 247–51, 1860

Fracture mechanics of ceramics. Fatigue, composites, and high-temperature behaviour; Karlsruhe, Germany, 18-20 July 1995, [New York, NY, USA: Plenum Press 1996] 21374

Free-space laser communication technologies; San Jose, CA, USA, 30-31 Jan. 1996, *(SPIE)* [1996] 2 (introductory abstract), 3605, 3723, 6780–804, 6844–6, 8498

French language nuclear medicine; Lille, France, 15-18 Oct. 1996, [1996] 20352 (introductory abstract)

Frequency control; Honolulu, HI, USA, 5-7 June 1996, *(IEEE; Ultrasonics, Ferrelectr., & Frequency Control Soc)* [New York, NY, USA: IEEE 1996] 9787 (introductory abstract), 10622–5, 10859–60, 11204–8, 11218–25, 11228–30, 11623, 11667–8, 11695, 11699–703, 11716, 11744, 13194, 13229–42, 13251–3, 13319–38, 13347–65, 13373–5, 13380–404, 13406, 16530, 16574, 16652, 17021,

17165–6, 17184–7, 17221–2, 17305–11, 17759, 21519, 21900, 23722, 26576, 26662–4, 26798, 27111, 27271, 27319–35, 27821–3, 27941–3, 28537

Frequency standards and metrology; Woods Hole, MA, USA, 15-19 Oct. 1995, *(Air Force Office of Sci. Res.; NIST) J.C.Bergquist (editor/s),* [Singapore: World Scientific 1996] 39557 (introductory abstract), 44324, 44358, 44514, 44534–6, 44725, 48205, 48290–7, 48306–26, 48330–7, 48805–6, 48957

Frequency standards based on laser-manipulated atoms and ions; Schierke, Germany, 12-14 Feb. 1996, *(Physikalisch Tech. Bundesanstalt, Braunschweig (Germany)£Deutsche Forschungsgemeinschaft, Bonn (Germany)£Helmholtz-Fonds e.V. (Germany)) J.Helmcke, S.Penselin (editor/s),* [April 1996] 81 (introductory abstract), 3806, 7138–48

Frontiers in education; Salt Lake City, UT, USA, 6-9 Nov. 1996, *(IEEE Educ. Soc.; IEEE Comput. Soc.; ASEE Educ. Res. & Methods Div)* [New York, NY, USA: IEEE 1996] 20382 (introductory abstract), 20383, 20455–535, 20541–61, 20573–722, 20786–7, 21508, 22046, 26149, 26214, 27062, 28396–7

Frontiers of power; Stillwater, OK, USA, 28-29 Oct. 1996, *(Eng. Energy Lab.; School of Electr. & Comput. Eng.; Oklahoma State Univ)* [Stillwater, OK, USA: Oklahoma State Univ. 1996] 28574, 28758, 28834–9, 28852–3, 28894, 28912, 28915, 29087, 29931–3

FST and TCS: foundations of software technology and theoretical computer science; Hyderabad, India, 18-20 Dec. 1996, [Berlin, Germany: Springer-Verlag 1996] 53212, 56303, 57081

Fuel cell symposium; London, UK, 19-22 Sept. 1995, [July-Aug. 1996] 9810 (introductory abstract), 19638–40, 19983–90, 19992–20012, 20171–3, 20179–80

Fundamental physics in space; London, UK, 16-20 Oct. 1995, [Nov. 1996] 3304–5, 7545, 7591–4

Fundamentals of laser-matter interaction; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 9773 (introductory abstract), 13912, 14293–5, 14345–50

Fusion reactor materials; Obninsk, Russia, 25-29 Sept. 1995, [1 Oct. 1996] 31013, 32608, 32935, 36838, 52848, 54135, 54896, 54984–6, 55394

Future of accelerator physics; Austin, TX, USA, Nov. 1994, [1996] 9759 (introductory abstract), 13910, 14197, 17884–9, 17901–19

Future physics at HERA; Hamburg, Germany, 25-26 Sept. 1995, *G.Ingelman, A.De Roeck, R.Klanner (editor/s),* [Hamburg, Germany: DESY Sept. 1996] 37075 (introductory abstract), 37076–7, 37084–5

Fuzzy logic controllers; London, UK, 15 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 28149, 28393, 28966, 29881

Fuzzy systems: classifications, decision supprot and control; Munich, Germany, Oct. 1994, [23 Jan. 1997] 10311, 16131

GaAs IC symposium; Orlando, FL, USA, 3-6 Nov. 1996, *(IEEE Electron Devices Soc.; IEEE Microwave Theory & Techn. Soc)* [New York, NY, USA: IEEE 1996] 29993 (introductory abstract), 30276, 30713, 31207–10, 31309, 31342, 31499–503, 31527–32, 31845, 32345, 32376, 32447–53, 32538, 32564, 35879, 36178–82, 36306, 40927–9, 40950, 40989, 41214, 41278, 41282, 41438, 41492–8, 42944–7, 43010, 43116–22, 43339, 47678, 47937–42

Gallium arsenide and related III-V compounds; Paris, France, 5-7 June 1996, *(IEEE; MTT Soc.l ED Soc.; French Chapter of MTT-EDS; SEE)* [Paris, France: Conservatoire Natl. Arts et Metiers 1996] 39596 (introductory abstract), 52076, 52238, 53027, 53045, 53202–5, 53287, 53477, 53538, 53566, 53593–6, 53605, 53626–7, 53655–65, 53674, 53690–6, 54165, 54216, 54595–7, 54608, 54613, 54689–96, 54710, 54748, 54758, 54820–2, 55662–3, 55725, 56073, 56921, 58081, 58108–9, 58116, 58310–6, 58403, 58450, 58697, 58744–5, 58755, 59213, 59897, 61298–9

Gallium nitride and related materials; Boston, MA, USA, 27 Nov.-1 Dec. 1995, *F.A.Ponce, R.D.Dupuis, S.Nakamura, J.A.Edmond (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 20309 (introductory abstract), 10792–808, 10893–7, 12263–7, 12285–90, 12362, 12536–42, 12604, 12621, 12672–5, 12779–86, 12818, 13034, 13214, 13880–6, 13902, 14176–8, 14387, 17392, 21220, 21248–81

Gamma-ray and cosmic-ray detectors, techniques, and missions; Denver, CO, USA, 5-7 Aug. 1996, *(SPIE)* [1996] 20321 (introductory abstract)

Gamma-ray bursts; Huntsville, AL, USA, 25-27 Oct. 1995, [1996] 58518, 58842

Gas discharges and applications; Tokyo, Japan, 11-15 Sept. 1995, [Nov. 1996] 22602, 23158, 23758, 29505

Gas lasers; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 5 (introductory abstract)

GD'96: graph drawing; Berkeley, CA, USA, 18-20 Sept. 1996, *(Nat. Sci. Found.; AT & T LAB.; Sun Microsyst.; Tom Sawyer Software)* [Berlin, Germany: Springer-Verlag 1997] 52960

Generator and motor partial discharge testing; Houston, TX, USA, 22-24 May 1996, [Montreal, Que., Canada: Canadian Electr. Assoc. 1996] 51992 (introductory abstract), 60466, 60552, 60581, 60671–89, 61375

Generator protection; Newcastle upon Tyne, UK, 4 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 80 (introductory abstract), 19673–7, 19701

Genetic programming '96; Stanford, CA, USA, 28-31 July 1996, [Cambridge, MA, USA: MIT Press 1996] 52495, 52514–8, 52525, 52957–9, 53394, 56481–2, 57037–41, 57880, 59482, 59808, 60021

GeoComputation '96; Leeds, UK, 17-19 Sept. 1996, [Leeds, UK: Univ. Leeds 1996] 15981, 17106, 18817

Geographic information systems; Paris, France, 25-27 Sept. 1995, *(SPIE; Centre Nat. d'Etudes Spatiales; NASA; Nat. Res. Council of Italy)* [1996] 39492 (introductory abstract)

Geographical information systems; Capenhurst, UK, 25 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 58205, 60267–9

Geoscience and remote sensing; Lincoln, NE, USA, 27-31 May 1996, *(IEEE Geosci. & Remote Sensing Soc.; Univ. Nabraska; NASA; NOAA; Office of Naval Res)* [New York, NY, USA: IEEE 1996] 96–100, 1699, 4230–1, 4256–7, 5041–2, 6889–92, 6932, 6963–4, 7554, 8295–342, 8356–415, 8422, 8424–55, 8471–5, 8478–97, 8503, 8505–14, 8521–2, 8527–52, 8554–65, 8694–5, 18764–78, 18821–7, 18871–96, 18919–23, 18932–41, 19003

GIS and water resources; Fort Lauderdale, FL, USA, 22-26 Sept. 1996, *(American Water Resources Assoc)* [Herndon, VA, USA: American Water Resources Assoc. 1996] 60085, 60102

GIS/LIS '94: geographical and land information systems; Phoenix, AZ, USA, 25-27 Oct. 1994, *(American Congress on Surveying & Mapping; American Soc. Photogrammetry & Remote Sensing; AM/FM Int.; Assoc. American Geographers; Urban & Regional Syst. Assoc)* [Bethesda, MD, USA: American Soc. Photogrammetry & Remote Sensing 1994] 4454, 6672–3, 8525–6

Glasses and ceramics from gels; Faro, Portugal, 18-22 Sept. 1995, [1997] 51982 (introductory abstract), 52856, 54730, 55158

Global information infrastructure evolution; Naru, Japan, 1-3 Oct. 1996, *S.Rao, H.Uose, J.C.Luetchford (editor/s),* [Amsterdam, Netherlands: IOS Press 1996] 20414 (introductory abstract), 25873–5, 25883, 25952–4, 25984–5, 26031–8, 26049, 26178–200, 26245–8, 26253–6, 26262, 26271, 26325, 26351–4, 26396, 26402, 26434, 26437, 26627, 26667, 26884, 27187, 28297, 28815

GOES-8 and beyond; Denver, CO, USA, 7-9 Aug. 1996, *(SPIE)* [1996] 20322 (introductory abstract)

Guidance and control; Breckenridge, CO, USA, 7-11 Feb. 1996, *(American Astron. Soc.) R.D.Culp, M.L.Odefey (editor/s),* [San Diego, CA, USA: American Astronaut. Soc. 1996] 39575 (introductory abstract), 47866, 49844–6, 49860–1, 49865–7, 49899–909, 49930–7

Hardware/software codesign; Braunschweig, Germany, 24-26 March 1997, *(IEEE Comput. Soc. Tech. Committee on Circuits & Syst.; ACM SIGSOFT; ACM SIGDA; IFIP WG 10.5)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 39601 (introductory abstract), 40842, 47453, 47467

HCI international '95: symbiosis of human and artifact; Tokyo, Japan, 9-14 July 1995, [Amsterdam, Netherlands: Elsevier 1995] 52023–4, 52106, 52110, 56375–7, 56393–4, 56821–7, 57118–9, 57712, 57750, 57767, 57847–8, 57972–5, 57994, 58584–5, 58593, 58741, 58907, 58916–20, 59448, 59591–4, 59817, 59855, 59879, 59996, 60484–7, 60490, 60498–9, 60955

Head-mounted displays; Orlando, FL, USA, 8-10 April 1996, *(SPIE)* [1996] 9774 (introductory abstract), 17632–7, 18601, 18628–42, 18984–7, 19005

Health and care services, remote delivery technologies; London, UK, 19 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51948 (introductory abstract), 47252, 49805, 59818

Heavy ion accelerator technology; Canberra, ACT, Australia, 17-22 Sept. 1995, [11 Nov. 1996] 49133 (introductory abstract), 41729, 42383, 49041–5, 49134–56, 49280–96, 49347–9

Heavy ion inertial fusion; Princeton, NJ, USA, 6-9 Sept. 1995, [Nov. 1996] 51924 (introductory abstract), 59103–11, 59121–42, 59152–65, 59182–3, 60479–80

Heterogeneous computing; Geneva, Switzerland, 1 April 1997, *(IEEE Comput. Soc.; Office of Naval Res)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 47212–4

Heterostructures in semiconductors; Arild, Sweden, 4-8 June 1996, [1996] 39539 (introductory abstract), 41929, 42071–3, 42155–63, 44474–6

High energy physics; Dubna, Russia, 27 Aug.-9 Sept. 1995, *N.Ellis, M.Neubert (editor/s),* [Geneva, Switzerland: CERN 1996] 30026 (introductory abstract), 27984–7, 27992, 28035–43, 28045, 28051, 36995–6, 37296–8, 37410–2, 37480–1, 49264

High frequency postgraduate student colloquium; Manchester, UK, 13 Feb. 1996, *(IEEE Electron Devices Soc.; MTT-S Adcom; IEEE Lasers & Electro-Opt. Soc.; IEE)* [New York, NY, USA: IEEE 1996] 9838 (introductory abstract), 11232, 11669–70, 11733, 13513, 14601, 14702, 14730, 14753–4, 15916, 16803–5

High heat flux engineering; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20404 (introductory abstract)

High-performance computer applications in behavioral sciences; Minneapolis, MN, USA, 10-12 May 1996, *(Univ. Minnesota Supercomput. Inst)* [Feb. 1997] 56664–6, 59567

High-performance computer architecture; San Antonio, TX, USA, 1-5 Feb. 1997, *(IEEE Computer. Soc. Tech. Committee on Comput. Archit)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 31300, 31306, 35109, 35507, 35722

High performance computing; Trivandrum, India, 19-22 Dec. 1996, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Parallel Process.; ACM SIGARCH)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 15996–8, 16968, 21162–3, 21175, 21201, 21426, 21570, 21806, 22752, 25451–3, 25916–7

High performance computing on the information superhighway; Seoul, South Korea, 28 April-2 May 1997, *(Supercomput. Center Syst. Eng. Res. Inst.; Parallel Process. Syst. SIG of Korea Inf. Sci. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 52043, 52527, 52584–5, 52734, 52989–90, 53749, 54044, 55010, 55960, 56134, 56361, 57329, 57598–600, 57612, 57663–4, 57685, 57774–5, 57921–4, 58015, 58237, 58249, 58497, 58537, 58587, 58658, 59966, 60270

High performance electron devices for microwave and optoelectronic applications; Leeds, UK, 25-26 Nov. 1996, *(IEEE Electron Devices Soc.; IEEE Microwave Theory & Tech. Soc.; IEEE Lasers & Electro-Opt. Soc.; IEE; IOP)* [New York, NY, USA: IEEE 1996] 51964 (introductory abstract), 53046–7, 53073, 53476, 53597–600, 53606–7, 53666–8, 53711, 54563, 54598–602, 54697–8, 55205, 55305, 55428, 55664–6, 55704–5, 58317

High-power lasers: applications and emerging applications; Besacon, France, 12-14 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement; et al)* [1996] 9776 (introductory abstract), 10846, 11009, 13580, 13942–3, 14227, 14236, 14481–95, 17507, 20274–6

High-power lasers: gas and solid state lasers; Besancon, France, 10-11 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement; et al)* [1996] 9775 (introductory abstract), 13784, 13932–41, 13958, 14032–5, 14216–7, 14235, 14296–8, 14480

High pressure semiconductor physics; Schwabisch Gmund, Germany, 21-26 July 1996, [1 Nov. 1996] 20303 (introductory abstract), 22192, 22198–9, 22207–9, 22223–38, 22246–51, 22273–4, 22282–5, 22289–90, 22306, 22346–53, 22383–7, 23951–3

High-speed computing, digital signal processing and filtering using reconfigurable logic; Boston, MA, USA, 20-21 Nov. 1996, *(SPEI)* [1996] 39496 (introductory abstract), 40768–70, 40996–1006, 41126, 41193–4, 41345, 45719–23, 46044–5, 47004, 48383, 48401–3, 49759

High temperature superconductivity SATT 8; Como, Italy, 1-4 Oct. 1996, [Como, Italy: Centro di Cultura Sci. 'Alessandro Volta' 1996] 62 (introductory abstract)

High voltage technology; Glasgow, UK, 4 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 49 (introductory abstract), 2892–3, 2962, 8926, 9146, 9431

Holography and optical information processing; Nanjing, China, 26-28 Aug. 1996, *(SPIE; Chinese Opt. Soc.; Int. Commission for Opt.; Nat. Natural Sci. Found. China; et al)* [1996] 51922 (introductory abstract), 39827, 43921–4, 44160–1, 44621, 44731–2, 44782–827, 46391–403, 48129, 48414–5, 48556, 48688, 48791, 48914, 48949, 49003–5, 49541–2, 53468, 55316, 55547, 55810, 55921–5, 56615, 58265, 58624, 58772–3, 58902, 58981–6

Horizons in small angle scattering from mesoscopic systems; Stromboli, Italy, 27-30 Sept. 1995, [30 Sept. 1996] 31645

Human detection and positive identification: Methods and technologies; Boston, MA, USA, 19-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; et al)* [1997] 39552 (introductory abstract)

Human factors and ergonomics; Philadelphia, PA, USA, 1996, [Santa Monica, CA, USA: Human Factors & Ergonomics Soc. 1996] 52092, 57510, 57702–3, 57766, 58948, 59870–1, 59932–40, 60005, 60008, 60158

Hydrogen in solids and at solid surfaces: present status and future trends; Ilmenau, Germany, 30 May-1 June 1996, [16 Jan. 1997] 40590–1, 41860–2, 41956–8, 42547–50, 43016

Hydrogen materials science and chemistry of metal hydrides; Katsiveli, Ukraine, 2-8 Sept. 1995, [Nov.-Dec. 1996] 30991

Hydrogen treatment of materials; Donetsk, Ukraine, 20-22 Sept. 1995, [Feb.-March 1997] 32878

HYDROSOFT '96: hydraulic engineering software; Penang, Malaysia, 10-12 Sept. 1996, [Southampton, UK: Comput. Mech. Publications 1996] 29132–3, 29143–4

Hyperspectral remote sensing and applications; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20361 (introductory abstract)

ICANN '96: artificial neural nets; Bochum, Germany, 16-19 July 1996, *C.von der Malsburg, W.von Seelen, J.C.Vorbruggen, B.Sendhoff (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 9816 (introductory abstract), 10290, 10375, 11385, 11629–33, 14774, 14842, 15025–6, 15274–5, 15868–79, 16179, 17017, 18465, 19533

ICCHP '96: computers helping people with special needs; Linz, Austria, July 1996, [Wien, Austria: Osterreichische Computer Gesellschaft 1996] 101, 4600–1,

4603, 5435, 6006, 6170–6, 6324–5, 7581, 7868, 8064–5, 8080–1, 8152–3, 8167–78

ICCIM '95: computer integrated manufacturing; Singapore, 11-14 July 1995, [15 April 1996] 337

ICML '96: machine learning; Bari, Italy, 3-6 July 1996, *(Eur. Coordinating Committee for Artificial Intelligence; Italian Assoc. Artificial Intelligence)* [San Francisco, CA, USA: Morgan Kaufmann Publishers 1996] 40102, 45577, 46184–5, 47856

IDDQ testing; Washington, DC, USA, 24-25 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Test Technol) C.Tong, A.Jayasumana (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 20422 (introductory abstract), 20837–40, 21458, 21557, 21652–6, 22939, 23000–4, 27418–9, 27817

IERC'95: industrial engineering research; Nashville, TN, USA, 24-25 May 1995, *B.W.Schmeiser, R.Uzsoy (editor/s),* [Norcross, GA, USA: Inst. Ind. Eng. 1995] 30018 (introductory abstract)

IFIP/Sec '95: information security; Cape Town, South Africa, May 1995, [London, UK: Chapman & Hall 1995] 4490–4, 6168, 6693

III-V nitrides; Nagoya, Japan, 21-23 Sept. 1995, [Feb. 1997] 30013 (introductory abstract), 30828–42, 30941, 31507, 31692, 31854–61, 31962, 32074, 32220–2, 32365, 32459, 33240, 33308, 33576–8

III-V nitrides and silicon carbide; Santa Barbara, CA, USA, 26-28 June 1996, [March 1997] 51987 (introductory abstract), 52720–8, 52821–3, 54090–2, 54136–8, 54261–4, 54304, 54313, 54330–1, 54364–8, 54455–60, 55462

IiM'96: IT and manufacturing partnerships; Galway, Ireland, 2-4 Oct. 1996, [Amsterdam, Netherlands: IOS Press 1996] 30149–50

Image analysis: theory and applications; Uppsala, Sweden, June 1995, *G.Borgefors (editor/s),* [Singapore: World Scientific 1995] 9789 (introductory abstract), 15713–32, 15866, 18200–3, 18294

Image and signal processing for remote sensing; Taormina, Italy, 23-25 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; et al)* [1996] 39586 (introductory abstract), 46382–90, 48107, 50020–1, 56605–14, 58437–40, 58446, 60009–11, 60016

Image processing; Newport Beach, CA, USA, 12-15 Feb. 1996, *(SPIE)* [1996] 9804 (introductory abstract), 52027–34, 52042, 53336, 53343–50, 53432, 53453, 53467, 56454–5, 56476–80, 56489, 56515, 56522, 56588–9, 56716–801, 56923–7036, 57082–117, 57208, 57221–327, 57440–507, 57562, 57723, 57815–6, 57958, 57970, 57977, 58048, 58052–3, 58056, 58188, 58415, 58424–5, 58433, 58490–1, 58495, 58582, 58643, 58851, 59046, 59071, 59092, 59372, 59374, 59384, 59397, 59434–46, 59479–81, 59506–23, 59545–54, 59800, 59864, 59898, 60024–6, 60073, 60076, 60080–1, 60098, 60125

Image processing for security applications; London, UK, 10 March 1997, *(IEE)* [London, UK: IEE 1997] 57511–7

Image techniques and analysis in fluid dynamics; Rome, Italy, 5-7 June 1995, [1996] 20314 (introductory abstract), 27961

Imaging spectrometry; Denver, CO, USA, 7-8 Aug. 1996, *(SPIE)* [1996] 20359 (introductory abstract)

Industrial and commercial applications of smart structures technologies; San Diego, CA, USA, 27-29 Feb. 1996, *(SPIE; ASME; Soc. Experimental Mech.; U.S. Army Res. Office; et al)* [1996] 4 (introductory abstract), 9996, 10977–8, 13342–5, 17289–90, 17439–44, 18177, 18301, 18602, 19029–30, 19207, 19378, 19933, 20062, 20277

Industrial and engineering applications of AI and expert systems; Melbourne, Vic., Australia, 6-8 June 1995, [Newark, NJ, USA: Gordon & Breach 1995] 30541, 31160, 31206, 31557, 34701–2, 34830, 35205, 35304–7, 35531, 35649, 35671, 35787, 38021, 38271–2, 38628

Industrial electronics; Warsaw, Poland, 17-20 June 1996, *(IEEE Ind. Electron. Soc.; Warsaw Univ. Technol.; IEEE Power Electron. Soc.; IEEE Ind. Application Soc.; IEEE Poland Joint Chapter on Ind. Electron. Soc.; Polish Acad. Sci.; Polish Soc. Theoretical & Applied Electr. Eng.; Ministr. Nat. Educ.; Silicon Poland - Warszawa)* [New York, NY, USA: IEEE 1996] 31 (introductory abstract), 147, 1117, 1132–3, 1137–9, 1237, 1452, 1555, 1596, 1755, 2603, 2612, 4599, 4720, 4778, 5036–7, 5884, 6048, 6262–3, 6414, 6770, 7190, 7270, 7486, 7518, 7568, 7599–600, 8749–51, 8821, 8882, 8968, 9104, 9130, 9135, 9165, 9185, 9201, 9243–8, 9253–8, 9266–7, 9286, 9290, 9304, 9362–3, 9375–414, 9441, 9466–7, 9606–10, 9618–28, 9632–40, 9671–3, 9679–81, 9685–9, 9711, 9720, 9731, 9746, 9750, 9756–7

Industrial electronics, control and instrumentation; Taipei, Taiwan, 5-10 Aug. 1996, [New York, NY, USA: IEEE 1996] 39525 (introductory abstract), 31065, 35370–1, 37966, 38745, 38753–4, 38892, 38936, 39284–5, 39431, 39704, 39708, 39860–1, 39869–70, 39919, 40782, 40867, 40988, 41201, 41695, 43008–9, 43373, 43730, 44341, 44983, 45812–3, 45874–5, 46134–44, 46190–3, 46271–7, 46369–70, 46995–6, 47044, 47058–63, 47331, 48176, 48247, 48384, 48429–30, 48659, 48680, 48777, 48874–80, 48931, 48934, 49382, 49433–4, 49608, 49784, 49925, 50240–1, 50251, 50283, 50380–2, 50398–9, 50413, 50440, 50511, 50654, 50704, 50756, 50854–5, 50897–8, 50931–6, 50947–8, 50970–8, 50982–3, 50998, 51032, 51036, 51039–40, 51045, 51054–5, 51059, 51062, 51066, 51097–109, 51116–25, 51147–50, 51217–24, 51435, 51653–72, 51684–5, 51730–1, 51741–52, 51811, 51818–9, 51826, 51844, 51893–4, 51918

Industrial inspection; London, UK, 10 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 30029 (introductory abstract), 39871–3, 46198–9

Industry applications; San Diego, CA, USA, 6-10 Oct. 1996, [New York, NY, USA: IEEE 1996] 20379 (introductory abstract), 23288, 28830–3, 29177, 29193, 29214, 29224–6, 29241–50, 29269–79, 29283–7, 29311–2, 29321–4, 29327–39, 29344, 29347, 29412–5, 29442–57, 29678–98, 29704–24, 29735–44, 29782, 29868, 29897, 29928, 29952, 30102, 30105, 30134, 30211–2, 31085–100, 31547–9, 32387, 32397–400, 32596, 32606, 32645–7, 33804–7, 33811–3, 33837, 33841–52, 35075–6, 36481–2, 36673, 36880, 38105–9, 38127, 38201–5, 38241, 38307, 38327, 38332–6, 38356, 38387–8, 38427–8, 38431, 38438, 38460, 38507, 38665–6, 38682–5, 38725–8, 38747, 38758, 38772–5, 38815–51, 38863, 38898–900, 38937–8, 39266–74, 39293, 39342, 39349, 39367, 39372–89, 39401, 39425, 39442–3, 39447–8, 39450, 39456–7, 39460, 39463–5, 39469, 39473, 39480–9

Information hiding; Cambridge, UK, 30 May-1 June 1996, *R.Anderson (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 20338 (introductory abstract), 24674–8, 24777–81, 24809, 25160, 25671, 25939, 25972, 26630

Information highways; Seoul, South Korea, 21-24 Aug. 1995, *(ICCC-Int. Council for Comput. Commun.; Minstr. Inf. & Commun., Republic of Korea) S.J.Chung (editor/s),* [Amsterdam, Netherlands: IOS Press 1995] 39517 (introductory abstract), 39625, 45142, 45508, 45595–9, 45610, 46268, 46541–2, 46544, 46588–605, 46613–9, 46692–3, 46748–73, 46779–81, 46816–7, 46848–9, 46909–11, 46919, 46958, 46984, 47117–28, 47149–50, 47230–1, 47305–14, 47357–64, 47443–4, 47470–1, 47480, 47493–4, 47550, 47710–3, 47865, 48226, 58007

Information management; Cleveland, OH, USA, 13-15 Dec. 1996, [Statesboro, GA, USA: Georgia Southern Univ. 1996] 52035–7

Information sciences and systems; Baltimore, MD, USA, 22-24 March 1995, *(Johns Hopkins Univ)* [Baltimore, MA, USA: Johns Hopkins Univ. 1995] 30017 (introductory abstract), 30426–8, 30456, 30465, 30507, 31154, 31238, 31370, 31452, 31669, 32593, 32873, 34186, 34504–6, 34518–27, 34617–32, 34705–7, 34823–9, 34865–98, 35344–57, 35447–9, 35467–76, 35519, 35532, 35768–72, 35868, 35914–5, 36034–9, 36194–7, 36203, 36451, 36707

Information technology and buildings; London, UK, 22 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 30002 (introductory abstract), 38232, 39371, 39433, 51864

Information theory and applications; Lac Delage, Que., Canada, 28-30 May 1995, *J.-Y.Chouinard, P.Fortier, T.A.Gulliver (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 42 (introductory abstract), 4505–14, 4547, 4827–8, 4915, 5432–4, 5667, 6473–4, 8068

Infrared detectors and focal plane arrays; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 67 (introductory abstract), 13801, 15590, 17367–77, 17485–502

Infrared detectors and instrumentation for astronomy; Orlando, FL, USA, 18-21 April 1995, *(SPIE)* [1995] 20394 (introductory abstract)

Infrared detectors for remote sensing: physics, materials, and devices; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20398 (introductory abstract), 40308, 42425, 44232, 48507–10, 48645–51, 49872, 49977, 50042

Infrared imaging systems: design, analysis, modeling, and testing; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 15765 (introductory abstract), 15924, 17177, 17526–36, 18659, 18809, 18995–6, 19009–19, 19034, 28544, 28696

Infrared readout electronics; Orlando, FL, USA, 9 April 1996, *(SPIE)* [1996] 12 (introductory abstract), 15434, 17462–71, 17503–6, 18818, 18931

Infrared spaceborne remote sensing; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 39495 (introductory abstract)

Infrared technology and applications; Orlando, FL, USA, 8-12 April 1996, *(SPIE)* [1996] 20355 (introductory abstract), 21286–7, 25520–1, 27049, 27474, 27562–5, 27661–76, 27791, 28552, 28711–4, 29894, 33106, 35118–9, 35230, 36557, 36568–9, 36655–60, 36685–93, 36743, 37956, 38065, 38118, 38166–9, 39434

Innovative systems in silicon; Austin, TX, USA, 9-11 Oct. 1996, *(IEEE Comput. Soc.; IEEE Components, Packaging, & Manuf. Technol. Soc) S.Tewksbury, G.Chapman (editor/s),* [New York, NY, USA: IEEE 1996] 20421 (introductory abstract), 21422, 21551–2, 21618–21, 21684–8, 21737–41, 21832, 21851, 22104–10, 22927–8, 23056–7, 26391, 26435, 27513, 27706, 27945, 28075

Inspection reliability; London, UK, 21 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20384 (introductory abstract), 30354–5, 31008–10, 38469–70, 38588

Instrumentation for experiments at e+e- colliders; Novosibirsk, Russia, 29 Feb.-6 March 1996, [21 Sept. 1996] 37211 (introductory abstract), 30688, 36439–40, 36549, 37032–5, 37212–57, 37484–91

Integrated audio-visual processing for recognition, synthesis and communication; London, UK, 28 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 24852

Integrated ferroelectrics; Tempe, AZ, USA, 18-20 March 1996, [1997] 51990 (introductory abstract), 52674–6, 52748–9, 52794–804, 52826, 52844, 54297, 54920–6, 54948–9, 54999–5000

Integrated photonics research; Boston, MA, USA, 29 April-2 May 1996, *(Opt. Soc. America; IEEE/Lasers & Electro-Optics Soc)* [Washington, DC, USA: Opt. Soc. America 1996] 20413 (introductory abstract), 21894, 23550–61, 24023–7, 24548, 26925–37, 32103, 32170, 33010–1, 33038, 33060–9, 33088–94, 33104, 33127–30, 33165, 33268, 33318–22, 33479–90, 33548–54, 36082–4, 36140–3, 36576, 43952, 44004–5, 44018–26, 44030–3, 44051–4, 44060, 44077, 44080, 44175, 44180, 44307–9, 44313, 44428, 44480–4, 44511–3, 44530–3, 44715, 47336, 47925–36, 47979–81, 48786, 48884

Intelligence and systems; Rockville, MD, USA, 4-5 Nov. 1996, *(IEEE Comput. Soc.; IEEE Tech. Committee on Pattern Anal. & Machine Intelligence (PAMI); IEEE Comput. Soc. TAI; AAAI Soc.; AAAI Soc.; AAAS Soc.; NN Soc.; Birmingham Univ.-CIS Center)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 9801 (introductory abstract), 10366, 15021, 15748–52, 17038, 18307, 18554–5

Intelligence in networks; Bordeaux, France, 25-28 Nov. 1996, *(Int. Telecommun. Union)* [Pessac, France: ADERA 1996] 20420 (introductory abstract), 35675, 35791–805, 35807, 36021, 36042, 46952, 47254–95, 47329–30, 47610

Intelligent control; Dearborn, MI, USA, 15-18 Sept. 1996, *(IEEE Control Syst. Soc)* [New York, NY, USA: IEEE 1996] 2364, 5186, 5689, 5729, 6998, 7172, 8277, 9261, 9614–5, 9649–50

Intelligent decision support systems; Pyrmont, Australia, 7 July 1995, [Melbourne, Vic., Australia: DSTO 1996] 48105–6, 49957

Intelligent design systems; London, UK, 25 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 52143, 53747–8

Intelligent information management systems; Washington, DC, USA, 5-7 June 1996, [Anaheim, CA, USA: IASTED 1996] 57641–2, 57651, 57817, 57879, 59801

Intelligent information systems; Adelaide, SA, Australia, 18-20 Nov. 1996, *(IEEE South Australia Sect.; Australian Defence Sci. & Technol. Organ.; Knowledge-Based Intelligent Eng. Syst. Centre, Univ. South Australia; Cooperative Res. Centre for Res. Centre for Sensor Signal & Inf. Process) V.L.Narasimhan, L.C.Jain (editor/s),* [New York, NY, USA: IEEE 1996] 39528 (introductory abstract), 40092, 43180, 45652–5, 45796–8, 46147–58, 50937

Intelligent manufacturing processes and systems; Mayaguez/San Juan, Puerto Rico, 13-17 Feb. 1995, *(Int. Inst. Production Eng. Res.; IEEE)* [San Juan, Puerto Rico: Univ. Puerto Rico 1995] 30068–9, 30122–3, 30196–7, 30366, 31052, 32763, 34847, 35204, 36524–5, 38135, 38156

Intelligent materials and smart structures and materials; Lyon, France, 3-5 June 1996, [1996] 9771 (introductory abstract), 9978, 10194, 10812, 10950, 10954, 10968–76, 10979–86, 11001–8, 11917, 12794, 13180, 13255–6, 13366–72, 13379, 13474, 13539, 13560, 13735, 13765, 13800, 17117, 17270, 17286–8, 17320–1, 17366, 17420–8, 17484, 17576, 18600, 18657, 18974–5, 19780–1, 20170, 21222, 21284–5, 21370, 21388–93, 22379–80, 22432–3, 23027, 23167, 23261, 27600, 28156, 29026

Intelligent motion; Nurnberg, Germany, 21-23 May 1996, [Nurnberg, Germany: ZM Commun. GMBH 1996] 52002 (introductory abstract), 60449, 60659–60, 60711–4, 60723, 60783–4, 60797–800, 60804–6, 60811, 60822, 60824, 60935, 60972, 61196–219, 61226–36, 61353, 61376, 61381

Intelligent networks; Melbourne, Vic., Australia, 21-24 April 1996, *(Alcatel; Bellcore Bell Commun. Res.; Ericsson; Hewlett Packard; Nortel; Siemens Nixdorf)* [New York, NY, USA: IEEE 1996] 20411 (introductory abstract), 25979, 26044–8, 26277–324, 26369–70, 26651–5

Intelligent planning and scheduling; London, UK, 1 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 127

Intelligent robots and computer vision: algorithms, techniques, active vision, and materials handling; Boston, MA, USA, 19-21 Nov. 1996, *(SPIE)* [1996] 29938 (introductory abstract), 33172, 33766, 35000–26, 35133–40, 36882, 37590, 37620

Intelligent robots and systems; Osaka, Japan, 4-8 Nov. 1996, *(IEEE Ind. Electron. Soc.; IEEE Robotics & Autom. Soc.; Robotics Soc. Japan; Soc. Instrum. & Control Eng.; New Technol. Found)* [New York, NY, USA: IEEE 1996] 29975 (introductory abstract), 34801–2, 35207–23, 35311–4, 35721, 35755, 35782, 35822, 36115, 36271, 36499–501, 36674–84, 36696, 36770, 36812–4, 36890–7, 37741, 37839–40, 38119, 54994, 56815–20, 58688, 58831, 58992, 59095, 60483

Intelligent sensors; Leicester, UK, 19 Sept. 1996, *(IEE)* [London, UK: IEE 1996] 344–6, 4739–41, 5189–90, 7271, 7441

Intelligent transport systems; Yokohama, Japan, 9-11 Nov. 1995, [Tokyo, Japan: Vehicle, Road & Traffic Intelligence Soc. 1995] 57509, 57728, 57949, 57959–60, 58022, 58128–33, 58226, 58229–36, 58255, 58408–9, 58471–2, 58483–5, 58506–12, 58538–41, 58551–2, 58562, 58578, 58590, 58649–52, 58717–8, 58734–6, 58767–8, 58852–5, 58947, 59041, 59074, 59078, 59825–7, 60072, 60084, 60090, 60131, 61290–1, 61310–5, 61328, 61347

Intelligent vehicles; Tokyo, Japan, 19-20 Sept. 1996, *(IEEE Ind. Electron. Soc.; Assoc. Electron., Technol. Automobile Traffic & Driving; IEEE VTS Tokyo Chapter; Int. Assoc. Traffic & Safety Sci.; Japanese Soc. Artificial Intelligence; Mech. Eng. Lab., AIST, MITI; Seikei Univ.; Soc. Automotive Eng. Japan; Inst. Electr. Eng. Japan; IEICE of Japan; Inst. Image Electron. Eng. Japan; Inst. Syst., Control & Inf. Eng.; Japan Soc. Mech. Eng.; Robotics Soc. Japan; Soc. Instrum. & Control Eng)* [New York, NY, USA: IEEE 1996] 21025, 23389, 25765–77, 26374–7, 26938, 27079, 27177, 27417, 27540–1, 27687, 27918–21, 28451, 29826–7, 29862–7

Intense microwave pulses; Denver, CO, USA, 7-8 Aug. 1996, *(SPIE)* [1996] 53072, 53081, 53584, 53970–83, 53985–6, 54000–3, 54887–8, 55478–80, 55742, 55977, 56160, 56186, 58964, 59151

Intensive care measurements and techniques; London, UK, 3 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 30006 (introductory abstract), 49392, 49645, 49787

Interaction of ions with a surface; Zvenigorod, Russia, Sept. 1995, [1996] 54332

Interactive multimedia services; London, UK, 29 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 35829 (introductory abstract), 35756–7, 35830–2

Interactive voice technology for telecommunications applications; Basking Ridge, NJ, USA, 30 Sept.-1 Oct. 1996, *(IEEE Commun. Soc)* [New York, NY, USA: IEEE 1996] 39559 (introductory abstract), 45670–82, 46959–76, 46985–6, 49954

INTERMAG '96; Seattle, WA, USA, 9-12 April 1996, *(Magn. Soc. IEEE)* [Sept. 1996] 994–5, 1120–1, 1558, 1743–5, 2855, 3031–41, 3181, 3201, 3229, 3235–8, 3253, 3262–3, 3298, 3909, 4205, 4211–4, 4278, 7243–6, 7528–34, 7561, 7565, 7905–6, 8049, 8138–9, 8292, 8843, 8911, 8960, 9202–5, 9259–60, 9270–3, 9278–80, 9291–2, 9318, 9568, 9572, 9641–6, 9742

INTERMARSNET; Capri, Italy, 28-30 Sept. 1995, [Nov. 1996] 48196–7

International indentation workshop; Cambridge, UK, 10-12 Jan. 1996, [Nov. 1996] 23505

International semiconductor conference; Sinaia, Romania, 9-12 Oct. 1996, *(IEEE - Electron Devices Soc.; Minist. Res. & Technol.; IEEE - Romania Sect.; Electron Devices Chapter)* [New York, NY, USA: IEEE 1996] 39578 (introductory abstract), 39640, 40488–9, 40517, 40594, 40636, 40791, 40829, 40934–5, 40947, 40963, 41115, 41146, 41287, 41313, 41451–4, 41505, 41877, 41896–7, 41987–9, 41995, 42004, 42083, 42093–6, 42194, 42242–3, 42257, 42269, 42274–6, 42337–9, 42407–9, 42416–20, 42609, 42736, 42898, 42936–8, 42958–9, 42966–7, 42978–9, 43051, 43096–7, 43151, 43207–8, 43227, 43252, 43286–8, 43332, 43403–5, 43418, 43602, 43893, 44085, 44220–1, 44249, 44270–1, 44537–8, 45696, 46367–8, 47990, 48480–1, 48564–7, 48702, 48740–5, 48921, 49576, 49676, 51608–9, 53305, 54068, 54129, 54281, 54557, 54631, 55399, 61082

International test conference; Washington, DC, USA, 20-25 Oct. 1996, *(IEEE Comput. Soc. Test Technol. Technical Committee; IEEE Philadelphia Sect.; IEEE Comput. Soc.; IEEE)* [Altoona, PA, USA: Int. Test Conference 1996] 39543 (introductory abstract), 30142, 30177–80, 30328, 31165–8, 31239–45, 31329–30, 31571–2, 31633, 31670–2, 32506–8, 32533, 32549–54, 36428–33, 39730, 39918, 40778, 40966–75, 40980–7, 41014–22, 41033–44, 41134, 41140–2, 41200, 41212–3, 41270, 41346–9, 41352–3, 41579, 43174–5, 43185–7, 43230–1, 43264–5, 43268, 44235, 47057, 47463, 47677, 48299, 48349–55, 48360–2, 48803

Internet commercialisation; London, UK, 10 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 39606, 39960, 47332, 47615

Internet: gaining a competitive edge; London, UK, 12 Sept. 1996, *(IEE)* [London, UK: IEE 1996] 6198

Internet World '96; Manila, Philippines, 23-26 Sept. 1996, *(Business World; Digital Equip. Filipinas; Microsoft Philippines)* [Westport, CT, USA: Mecklermedia 1996] 20332 (introductory abstract)

Investigative image processing; Boston, MA, USA, 19-20 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 39588 (introductory abstract), 56643–54, 56885–9

Ion beam analysis; Tempe, AZ, USA, 22-26 May 1995, *(Arizona State Univ.; Bohmische Soc.; et al)* [Sept. 1996] 10035, 10735, 10757, 12153–4, 12167–9, 12237–9, 12311, 12419–20, 12442, 12567–8, 12609, 12618, 12649–53, 12736, 13787, 19843

Ion-solid interactions for materials modification and processing; Boston, MA, USA, 27 Nov.-1 Dec. 1995, *D.B.Poker, D.Ila, Y.-T.Cheng, L.R.Harriott, T.W.Sigmon (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 9815 (introductory abstract), 10790–1, 10821, 10885–92, 10925–6, 10964, 11751, 12182, 12210–1, 12284, 12513, 12591, 12626–7, 12659–70, 12687–703, 12774–7, 12798–800, 12828, 13666–9, 14232, 18080

IPCO '96: integer programming and combinatorial optimisation; Vancouver, BC, Canada, 3-5 June 1996, *(Math. Programming Soc) W.C.Cunningham, S.T.McCormick, M.Queyranne (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 33 (introductory abstract)

ISAAC '96: algorithms and computation; Osaka, Japan, 16-18 Dec. 1996, *(Osaka Electro-Commun. Univ.; Telecommun. Adv. Found.; Asahi Glass Found.; et al)* [Berlin, Germany: Springer-Verlage 1996] 56304–6, 57587, 57883–4

ISCIS '96: computer and information sciences; Antalya, Turkey, 6-8 Nov. 1996, [Ankara, Turkey: Middle East Tech. Univ. 1996] 40056, 40779, 41032, 45788, 45835, 46186–9, 46731–3, 46954, 47067–9, 47337, 47943

ISIS '96: information, statistics and induction in science; Melbourne, Vic., Australia, 20-23 Aug. 1996, [Singapore: World Scientific 1996] 52453, 56343

ISKO '96: knowledge organisation and change; Washington, DC, USA, 15-18 July 1996, [Frankfurt, Germany: INDEKS Verlag 1996] 5539, 6258–61

ISSAC '96: symbolic and algebraic computing; Zurich, Switzerland, 24-26 July 1996, [New York, NY, USA: ACM 1996] 21017–8, 21022–3, 21070, 21134, 21153–5, 21181–3, 28846

IT for climbing and walking robots; Portsmouth, UK, 30 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20979

IT in civil and structural engineering design; Glasgow, UK, 14-16 Aug. 1996, [Edinburgh, UK: Civil-Comp Press 1996] 16301–2, 16372, 16374

iti '96: information technology interfaces; Pula, Croatia, 18-21 June 1996, [Zagreb, Croatia: Univ. Zagreb 1996] 35368, 35488, 35514, 35679, 35750–1, 35828, 36139, 36339, 45265, 45783–6, 46129, 46713–5, 46905, 47035, 48344

IUI '97: intelligent user interfaces; Orlando, FL, USA, 6-9 Jan. 1997, *(ACM)* [New York, NY, USA: ACM 1997] 57508

Jaguar XK8 electrical system; London, UK, 18 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20346 (introductory abstract), 29847–53

JENC7: networking in information society; Budapest, Hungary, 13-16 May 1996, *P.Rendek (editor/s),* [Amsterdam, Netherlands: TERENA 1996] 30 (introductory abstract), 105, 5876–7, 5880, 5997–8, 6021, 6219–23, 6236–56, 6285, 16173, 16239–47, 16371, 16391, 18232

JESSI basic and long-term research. Advanced CMOS cluster; Brussels, Belgium, 29-30 March 1995, [Dec. 1996] 13115 (introductory abstract), 10023, 12632, 12711, 12805, 12833, 12852, 13061, 13096, 13116–7

KDD '96: knowledge discovery and data mining; Portland, OR, USA, 2-4 Aug. 1996, [Menlo Park, CA, USA: AAAI Press 1996] 7114, 16195

KI '96: advances in AI; Dresden, Germany, 17-19 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 11137, 15103, 15913

Knowledge discovery and data mining; London, UK, 18 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 28727

Knowledge tools for a sustainable civilization; Toronto, Ont., Canada, 8-10 June 1995, *(Int. Soc. Syst. Sci., Canadian Div.; Sci. Peace Canada; Canadian Pugwash Group; IEEE Toronto Chapter; IEEE, Soc. on Social Implications of Technol.; Ryerson Polytech. Univ., Faculty of Eng. & Applied Sci)* [New York, NY, USA: IEEE 1996] 29955, 30041–2, 30081, 30404–5, 38461

KONVENS: natural language processing and speech technology; Bielefeld, Germany, Oct. 1996, [Berlin, Germany: Mouton de Gruyter 1996] 34646

Language toolkit for engineers in business; London, UK, 11 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 39565 (introductory abstract), 39583, 39661–3, 39964, 45697

Laser applications engineering; St. Petersburg-Pushkin, Russia, 3-5 July 1996, *(SPIE; State Committee for Higher Educ. Russian Federation; Ministr. Sci. & Tech. Policy of the Russian Federation)* [1997] 51956 (introductory abstract)

Laser applications in medicine and dentistry; Vienna, Austria, 7-10 Sept. 1996, *(SPIE; Laser Vision; Eur. Laser Assoc.; Int. Biomed. Opt. Soc.; Eur. Opt. Soc.; et al)* [1996] 39533 (introductory abstract)

Laser beam and optics characterization; Quebec, Que., Canada, 7-10 July 1996, *(SPIE)* [1996] 55163, 55223, 55260, 55383, 55758, 55769–84, 55786–93, 55799–803, 58618, 59066–8

Laser interferometry: applications; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE; Soc. Exp. Mech)* [1996] 30008 (introductory abstract), 30358, 31012, 33745–6, 33757–8, 33781–2, 35241, 36397–400, 36610–1, 36900–2, 36915–6, 36923–4, 36975

Laser interferometry: techniques and analysis; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE; Soc. Exp. Mech)* [1996] 29979 (introductory abstract), 32983, 33111, 33563, 33744, 33752–6, 33773–4, 33780, 34806, 35231–40, 35321–5, 36636, 36899, 36912–4, 36926–7, 36954

Laser materials processing; San Diego, CA, USA, 13-16 Nov. 1995, *(Laser Inst. America)* [Orlando, FL, USA: Laser Inst. America 1995] 20854 (introductory abstract)

Laser physics; Moscow, Russia, 22-26 July 1996, [Jan.-Feb. 1997] 51973 (introductory abstract), 55222, 55481–2, 55579–85, 55743–4, 55755, 55797, 55900–3, 55953–4, 59527

Laser processing of materials; Boston, MA, USA, 27-30 Nov. 1995, *R.Singh, D.Norton, L.Laude, J.Narayan, J.Cheung (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 9797 (introductory abstract), 10139–40, 10745–7, 10809, 10864–7, 10898–904, 12183–5, 12501, 12622, 12787–8, 12981, 13455–6, 13561, 13680, 14504, 17581

Laser processing of materials and industrial applications; Beijing, China, 6-7 Nov. 1996, *(SPIE; China Opt. & Optoelectron. Manuf. Assoc.; Chinese Opt. Sococ)* [1996] 18 (introductory abstract)

Laser processing of surfaces and thin films; Strasbourg, France, 4-7 June 1996, [Feb. 1997] 40438, 40501, 40625–9, 40672, 40691, 42502–4, 42661–2, 43383, 43495, 44613, 44838–40, 52609, 52762–3, 53815, 53887, 53895, 54377, 55761

Laser radar technology and applications; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 14 (introductory abstract), 141, 5216, 6970–9, 6981–3, 7602, 7673, 7977, 8256, 8349, 8462–6, 8499, 8553, 8672–7, 8692

Laser-tissue interaction and tissue optics; Vienna, Austria, 7-10 Sept. 1996, *(SPIE; Laser Vision; Eur. Laser Assoc.; Int. Biomed. Opt. Soc.; et al)* [1996] 39536 (introductory abstract)

Lasers and electro-optics; Anaheim, CA, USA, 2-7 June 1996, *(Opt. Soc. America; IEEE/Lasers and Electro-Opt. Soc.; Quantum Electron. Div. Eur. Phys. Soc.; Japanese Quantum Electron. Joint Group)* [Washington, DC, USA: Opt. Soc. America 1996] 769, 2224, 2264, 2416, 3227, 3326, 3330–3, 3344–6, 3354–6, 3364, 3399, 3406, 3445, 3474, 3498, 3537, 3573, 3575, 3598, 3614, 3635, 3641, 3698–700, 3705, 3709–10, 3731, 3748–56, 3773–87, 3797–805, 3843–9, 3861–7, 3877, 3889–99, 3925–7, 3930, 3938, 3944–5, 3952–3, 3967–8, 4000–2, 4030–9, 4089–95, 4123, 4134–7, 4157, 4161, 4176–7, 5540, 6775, 6968, 6985, 7063, 7256, 7353–4, 7360–2, 7498–500, 7551–2, 7645, 7933–5, 8036, 8293, 10669, 10744, 10863, 11024–5, 12406–8, 12429, 12499–500, 12514, 12744, 13529–30, 13546, 13555–6, 13576, 13620–1, 13628–32, 13645, 13656, 13670, 13683, 13688–90, 13703–6, 13745, 13768, 13772, 13795–6, 13805, 13852, 13893, 13901, 13969, 13996–4000, 14018, 14025–7, 14061–3, 14073–87, 14159–60, 14175, 14194–5, 14239–41, 14279–86, 14331–8, 14375–86, 14409–11, 14431–2, 14453–7, 14509, 16677–83, 16801, 16819–20, 17314, 17360, 17417–8, 17449, 17461, 17524, 17575, 17791, 17827–33, 17847, 17857, 18246, 18374, 18828, 18849, 18924–5, 18942–4, 20280, 20841–3, 20963, 21353, 21394–8, 22624, 22698, 23437–8, 23565, 23657, 23710, 23734–7, 23764–7, 23792, 23803–11, 23821, 23841–7, 23918–34, 23955–6, 23985–4000, 24044, 24117–30, 24314–7, 26451, 26719–28, 26799–809, 26885, 27558–60, 27599, 27951, 28054, 28136, 28541, 30188–90, 31455–6, 31517, 31813, 31981, 32171–3, 32269, 32572–3, 32973–6, 33024–5, 33070, 33105, 33116–8, 33120–2, 33175, 33201, 33243, 33255, 33260, 33293–4, 33315–6, 33366–72, 33403–7, 33409–18, 33438–42, 33445–56, 33491–5, 33516–7, 33585–6, 33594, 33655–67, 33682–8, 35702, 35883, 36085–9, 36109–14, 36553–4, 36885

Lasers as tools for manufacturing; San Jose, CA, USA, 12-14 Feb. 1997, *(SPIE)* [1997] 51955 (introductory abstract)

Lasers in medicine and dentistry: diagnostics and treatment; Beijing, China, 4-5 Nov. 1996, *(SPIE; China Opt. & Optoelectron. Manuf. Assoc.; Chinese Opt. Soc)* [1996] 16 (introductory abstract)

Lattice defects and radiation-induced phenomena; Honolulu, HI, USA, 13-15 Dec. 1995, [Dec. 1996] 31763–4

Law for engineers and managers; London, UK, 11 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 20342 (introductory abstract), 20746, 20770, 21010, 52088–91

LEOS '96; Boston, MA, USA, 18-19 Nov. 1996, [New York, NY, USA: IEEE 1996] 51933 (introductory abstract), 52191, 54237–9, 55167, 55175–8, 55206–7, 55230, 55284, 55306, 55315, 55429–30, 55442, 55464–6, 55541–2, 55563–4, 55574, 55591–3, 55667–71, 55706–7, 55727–37, 55756, 55805, 55870–3, 55917–9, 55947, 58321–9, 58392, 58405–7, 58746, 58787–8, 59484–5

Lepton-photon interactions; Bejing, China, 10-15 Aug. 1995, *(IUPAP; Chinese Acad. Sci.; Nat. Natural Sci. Found. China; Chinese Phys. Soc.; Chinese High Energy Phys. Soc)* [Singapore: World Scientific 1996] 49046–7, 49298, 49320

Lidar and atmospheric sensing; Munich, Germany, 19 June 1995, *(SPIE; Comm. Eur. Communities; Air & Waste Mangage. Assoc.; Deutsch Forchungsanstalt fur Luft-und Raumfahrt eV; et al)* [1995] 29978 (introductory abstract)

Life cycles of extratropical cyclones; Bergen, Norway, 27 June-1 July 1994, [Oct. 1995] 16882, 18819

Linear accelerators; Geneva, Switzerland, 26-30 Aug. 1996, *C.Hill, M.Vretenar (editor/s),* [Geneva, Switzerland: CERN 1996] 39523 (introductory abstract), 33353, 37007–31, 37099–161, 37200–9, 41747, 49026–40, 49048–70, 49083–132, 49163–217, 49272–8, 49299–304, 49346, 49353, 49764–5

Liquid and amorphous metals; Chicago, IL, USA, 27 Aug.-1 Sept. 1995, [Oct. 1996] 21343, 22288, 30989, 32186, 42008

Liquid insulation; London, UK, 7 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 29962 (introductory abstract), 31553, 32639, 32741, 38375, 38794–5

LISA '96: systems administration; Chicagao, IL, USA, 29 Sept.-4 Oct. 1996, *(USENIX Assoc.; SAGE, Syst. Adm. Guild)* [Berkeley, CA, USA: USENIX Assoc. 1996] 9817 (introductory abstract), 16180–4, 16203, 16212, 16320–6

Living home; Crawley, UK, 20-21 March 1996, [Hove, UK: RMDP 1996] 8820

Local computer networks; Minneapolis, MN, USA, 13-16 Oct. 1996, *(IEEE Comput Soc.; IEEE Comput. Soc. Tech. Committee on Computer Commun)* [Los

Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 51929 (introductory abstract), 46656–8, 46834, 47205–6, 47387–9, 52021, 57563–79, 57623–9, 57670, 57710, 57818–27, 57961, 57971, 57989–92, 58065, 58146–8, 58279–82

Long wavelength infrared detectors and arrays; Chicago, IL, USA, 8-13 Oct. 1995, *(Electrochem. Soc.; U.S. Army Res. Office) S.S.Li, H.C.Liu, M.Z.Tidrow, W.A.Beck, A.Singh (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 30025 (introductory abstract), 42125–7, 42177, 44069, 48520–5, 48536–7, 48660–71, 48675, 50255

Low energy electrodynamics in solids; Trest, Czech Republic, 26-30 June 1995, [1996] 29983 (introductory abstract), 36870

Low-level measurement techniques; Seville, Spain, 2-6 Oct. 1995, [Sept.-Oct. 1996] 9781 (introductory abstract), 18102–8, 18153–5, 18927–8

Low power design; Dana Point, CA, USA, 23-26 April 1995, *(ACM-SIGDA; IEEE Circuits & Syst. Soc)* [New York, NY, USA: ACM 1995] 20410 (introductory abstract), 21421, 21434–44, 21528, 21549–50, 21604–15, 21682–3, 21732–3, 21780, 21831, 22984–9

Low power digital systems; Atlanta, GA, USA, May 1996, [New York, NY, USA: IEEE 1996] 21503–5, 21547, 21727, 22977, 23040, 26577–9, 27493

Low power electronics and design; Monterey, CA, USA, 12-14 Aug. 1996, *(IEEE Solid-State Circuits Council; IEEE Circuits & Syst. Soc.; ACM SIGDA)* [New York, NY, USA: IEEE 1996] 9768 (introductory abstract), 11030–1, 11036, 11044–6, 11196, 11241, 11244–7, 11273–80, 11320–32, 11442–4, 11448, 11460–1, 11476–8, 11530–2, 11576, 11584, 11612, 11622, 12923, 12961, 13122–31, 13139, 13148, 13339, 15167, 15733, 16466, 16566, 17268, 17284

Low temperature physics; Prague, Czech Republic, 8-14 Aug. 1996, *(IUPAP)* [1996] 17178, 23398, 23404–7, 23418–21, 27959, 32915–6, 43765, 43822–33, 52673, 55079, 55118, 55149

Machine learning; Tahoe City, CA, USA, 9-12 July 1995, [San Francisco, CA, USA: Morgan Kaufmann Publishers 1995] 40012–3, 40119, 45611, 45688, 46343

Machine vision applications, architectures, and systems integration; Boston, MA, USA, 18-19 Nov. 1996, *(SPIE)* [1996] 29964 (introductory abstract), 30349, 32485, 33207, 35141–64, 36377

Machines for automotive applications; London, UK, 4 Nov. 1996, [London, UK: IEE 1996] 20437 (introductory abstract), 29820, 29855–61

Machines in hazardous areas; London, UK, 18 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 39561 (introductory abstract), 60652–3, 60770, 61386–9

Magnetic materials and applications; Vienna, Austria, 4-8 Sept. 1995, [May 1996] 59 (introductory abstract), 923–5, 935, 940, 1746, 3029–30, 3050–93, 3099–153, 3161–4, 3166–75, 3184–5, 3187–94, 3209, 3216–7, 3230–3, 3245–9, 3252, 3254–5, 3300, 3492, 7267, 7275–8, 7536–43, 9194, 9239

Magnetic materials, processes, and devices; Chicago, IL, USA, 9-12 Oct. 1995, *L.T.Romankiw, D.A.Herman,Jr. (editor/s),* [Pennington, NJ, USA: Eletrochem. Sco. 1996] 39526 (introductory abstract), 21327, 23089–93, 23390, 23633, 29358–9, 30846–54, 31648, 32792–7, 32853–4, 32881, 33911, 38759–60, 40497, 42804–5, 43374–80, 43622, 43675–85, 43709, 43720–1, 48431–2

Magnetic recording; Santa Clara, CA, USA, 19-21 Aug. 1996, [Jan. 1997] 29984 (introductory abstract), 32784, 32831–49, 33769

Magnetic surfaces, interfaces, and nanostructures; Minneapolis, MN, USA, 16-20 Oct. 1995, *(Office of Naval Res.; American Vacuum Soc)* [July-Aug. 1996] 55019, 55026, 55042

Magnetic ultrathin films, multilayers and surfaces; Strasbourg, France, 4-7 June 1996, [Jan. 1997] 39515 (introductory abstract), 43635, 43654–9, 43666–9

Managing stress at work; Birmingham, UK, 18 March 1997, *(IEE)* [London, UK: IEE 1997] 52006 (introductory abstract)

Manufacturing electronics to meet the customer's schedule; Coventry, UK, 22 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20348 (introductory abstract), 20803, 20833, 22067, 29854

Manufacturing mass customization; London, UK, 10 Sept. 1996, *(IEE)* [London, UK: IEE 1996] 78 (introductory abstract)

Manufacturing; transforming material flow; Romsey, UK, 24 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 29999 (introductory abstract)

Marine electronics; Zadar, Croatia, 24-26 June 1996, *(Ministr. Maritime Affairs, Transport & Commun. Republic of Croatia; Croatian Navy (HRM)) B.Radanovic, B.M.Rogina (editor/s),* [Zadar, Croatia: Croatian Soc. Electron. Marine 1996] 20418 (introductory abstract)

Marketing from engineering perspective; London, UK, 26 Nov. 1996, [London, UK: IEE 1996] 20432 (introductory abstract), 20723–4, 20747–55, 28498

Mass storage systems; London, UK, 27 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20386 (introductory abstract), 23371–2

Massively parallel computing; Annapolis, MA, USA, 27-31 Oct. 1996, *(IEEE Comput. Soc.; NASA Goddard Space Flight Center; URSA/CESDIS)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 6379

Massively parallel processing using optical interconnections; Maui, HI, USA, 27-29 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Archit. (TCCA); Nat. Sci. Found.; ACM SIGARCH; SPIE; IEEE LEOS; Opt. Soc. America)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 55345–8, 55351–61, 55472–3, 55477, 55942, 57914–8, 57950–2, 58390, 58404

Materials, devices, and systems for optoelectronic processing; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20362 (introductory abstract), 32987–9, 33103, 33113–4, 33135–6, 33171, 33198, 33312, 34997–9, 35881–2, 37619, 38157–8

Materials reliability in microelectronics; San Francisco, CA, USA, 8-12 April 1996, *W.F.Filter, J.J.Clement, A.S.Oates, R.Rosenberg, P.M.Lenahan (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 39546 (introductory abstract), 39837, 39906, 40490, 40660, 42278, 42340–2, 42354, 42611–6, 42752–96, 43105–6, 43228–9, 43322–3, 43335–8, 43354, 44916, 54500–4

Materials science of contacts, metallization and interconnects; Anaheim, CA, USA, 4-8 Feb. 1996, [Nov. 1996] 9829 (introductory abstract), 12028, 12546–53, 12822–3, 13497

Materials synthesis and modification by ion and/or laser beams; Chiba, Japan, 23-24 May 1996, [Jan. 1997] 40582, 40623, 41846–9, 41868–73, 41963, 42030–1, 42266, 42392–4, 48728, 51829

Mathematica; Southampton, UK, 16-20 July 1995, [Southampton, UK: Comput. Mech. Publications 1995] 39618, 39987, 40151–2, 40190, 44861, 49842

Mathematical foundations of computer science; Kosice, Slovakia, 22-26 Aug. 1994, *(VSZ Inf.; SOFTEC)* [10 Nov. 1996] 579

Mathematical methods in geophysical imaging; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 29980 (introductory abstract)

Mathematical modelling and simulation in agriculture and bio-industries; Brussels, Belgium, 9-12 May 1995, [Oct. 1996] 9732

Mathematical tools in metrology; Oxford, UK, 27-30 Sept. 1995, *P.Ciarlini, M.G.Cox, F.Pavese, D.Richter (editor/s),* [Singapore: World Scientific 1996] 51963 (introductory abstract), 52306–8, 52529–30, 52547, 52554, 52569–70, 56239, 56922, 58600–4, 58614, 58616, 58667, 58999, 59008, 59040, 59080, 59778, 60113

Mathematics of microstructure evolution; Cleveland, OH, USA, 29 Oct.-2 Nov. 1995, *(ASM Int.; SIAM; TMS -Miner. Metals & Mater. Soc)* [Warrendale, PA, USA: TMS - Miner. Metals & Mater. Soc. 1996] 52770

Measures of spatio-temporal dynamics; Bryn Mawr, PA, USA, 11-13 June 1995, *(U.S. Navy; Inst. Nonlineaire de Nice; Bryn Mawr Coll)* [15 Sept. 1996] 31070, 33593, 37767

Medical physics - 100 years after the discovery of X-rays; Krakow, Poland, 15-18 Sept. 1995, [1996] 18507–8, 18572–6

MELECON '96: electrotechnical conference; Bari, Italy, 13-16 May 1996, *(IEEE Region8; IEEE Central & South Italy Sect.; DEE Dept. Electrotech. Electron., Politecnico di Bari; AEI Sezione Pugliese; ENEL S.p.A.; Telecom Italia S.p.A.; ACIEL-Puglia)* [New York, NY, USA: IEEE 1996] 91, 138, 168, 1037, 1046, 1089, 1146–7, 1168, 1230, 1339, 1441, 1561–3, 1702, 1728, 2223, 2225, 2568, 2620–1, 2706–7, 2749, 2774, 3015, 3373–4, 3411, 3440, 3511, 3541, 3649, 3721–2, 3837, 4040, 4232, 4252, 4258, 4283, 4287, 4301–2, 4323, 4332, 4366, 4394, 4456–7, 4586, 4591–5, 4707–8, 4983, 5182–3, 5843, 5888, 5947, 5960–1, 6091, 6125–8, 6280, 6347, 6372, 6449, 6461, 6514–5, 6571–2, 6684, 6738–9, 6743–5, 6776–7, 6893, 6996, 7076, 7227, 7257, 7328–9, 7471, 7507, 7515, 7519, 7553, 7677, 7936, 7972, 8096, 8151, 8165, 8343, 8726–9, 8738–43, 8758–70, 8799–808, 8832–5, 8848, 8850, 8870–6, 8878–81, 8892, 8895, 8898, 8919, 8951, 8961–2, 8964, 8973–4, 8977, 9089–90, 9098, 9132, 9136, 9152, 9188, 9190–1, 9197, 9208–12, 9214–9, 9274, 9281–2, 9293–4, 9323, 9332–40, 9448, 9573–80, 9588–90, 9613, 9648, 9733

Mercury: the planet and its magnetosphere; London, UK, May 1995, [Jan. 1997] 59857

Metallization for future ULSI; San Francisco, CA, USA, 8-11 April 1996, *K.N.Tu, J.W.Mayer, J.M.Poate, L.J.Chen (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 39527 (introductory abstract), 39836, 40595–8, 40637–8, 41150, 42258–62, 42270–1, 42277, 42556–7, 42670–98, 42713–9, 42737–51, 42963, 43104, 43201, 43279, 43320–1, 43329–30, 43349, 43672

Metallographic conference; Colmar, France, 10-12 May 1995, [April-June 1996] 10052, 10930

Metallurgical coatings and thin films; San Diego, CA, USA, 22-26 April 1996, *(American Vacuum Soc)* [15 Dec. 1996] 40375–6, 40493, 40529–33, 40537–44, 40682, 40706–7, 41725, 41740, 41829, 41917, 41991, 42017, 42249, 42284–7, 42355, 42437–40, 42619–22, 42915, 43249, 43419, 43674, 44301, 44446, 51889–92

Metalorganic vapour phase epitaxy; Cardiff, UK, 9-13 June 1996, [Jan. 1997] 39514 (introductory abstract), 40316–67, 40451–87, 40527, 40651–3, 41984, 42047, 42239, 42373–4, 42434, 42964, 43085, 44294–5, 44319, 44445, 44550–6, 44602, 48560, 52644–72, 52792, 54132, 54212, 54357, 54425–6

Metastable, mechanically alloyd and nanocrystalline materials; Quebec City, Que., Canada, 24-28 July 1995, *(Hydro-Quebec; Laval Univ.; McGill Univ.; Natural Sci. & Eng. Res. Council of Canada; et al)* [1996] 52738, 52831

Metastable phases and microstructures; Boston, MA, USA, 27-30 Nov. 1995, [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 7778, 13227

MICRO-29: microarchitectures; Paris, France, 2-4 Dec. 1996, *(IEEE Comput. Soc. Tech. Committee on Microprogramming & Microarchit.; ACM SIGMICRO)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 21713–5

Micro- and nanofabrication; Glasgow, UK, 22-25 Sept. 1996, [Feb. 1997] 39555 (introductory abstract), 40434–5, 40500, 40562, 40621–2, 40689–90, 41437, 41867, 41936, 42087, 42147, 42199–201, 42265, 42493–9, 42534–5, 42588–9, 42702–6, 42811–2, 42817–42, 42855–88, 42894, 43000, 43039–40, 43110, 43131–3, 43165–6, 43281, 43397–401, 43606, 43754, 44001, 44157–8, 44176, 44183, 44314, 44777, 44978–9, 48476, 48549, 49361–2

Micro bunches; Upton, NY, USA, 28-30 Sept. 1995, [1996] 17894, 17984–8021, 18075, 18157, 20220–1

Micro machine and human science; Nagoya, Japan, 2-4 Oct. 1996, *(IEEE Ind. Electron. Soc.; IEEE Robotics & Autom. Soc.; City of Nagoya; Nagoya Urban Ind. Promotion Corp.; Chubu Ind. Adv. Center; Nagoya Univ)* [New York, NY, USA: IEEE 1996] 20381 (introductory abstract), 20849, 21409, 22542, 23068–80, 23630–1, 26208, 26421, 27521–2, 27932, 28059, 28260, 28401–4, 29346, 29356

Micro-optical technologies for measurement, sensors, and microsystems; Besancon, France, 12-13 June 1996, *(SPIE; CNRS; Minst. Defense; Direction Gen. de l'Armement; et al)* [1996] 9807 (introductory abstract), 10150, 13196–8, 13543, 13623, 13738, 13778–9, 14065–6, 14233, 14765, 17241, 17327–35, 17458–9, 17537, 17708, 18929, 23021–2, 23521–2, 23572, 26687, 27646–7

Microelectronic device and multilevel interconnection technology; Austin, TX, USA, 16-17 Oct. 1996, *(SPIE)* [1996] 39584 (introductory abstract), 52773, 53276–8, 53282, 53583, 54251, 54347, 54420–1, 54505–13, 54518, 54632–3, 54791–801, 54809, 54814–5, 54824

Microelectronic engineering developments; London, UK, 15 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20347 (introductory abstract), 20568, 21968, 22887, 22902, 22930

Microelectronic manufacturing yield, reliability, and failure analysis; Austin, TX, USA, 16-17 Oct. 1996, *(SPIE)* [1996] 39549 (introductory abstract), 39744, 39887–91, 39932–4, 41179, 41235–8, 42598–9, 42720–1, 43216–21, 43310–3, 48392, 52293–5, 53106, 53844, 54490, 54731, 58623

Microelectronic structures and MEMS for optical processing; Austin, TX, USA, 14-15 Oct. 1996, *(SPIE; Semicond. Equipment & Mater. Int.; NIST)* [1996] 51975 (introductory abstract)

Microelectronics; Minneapolis, MN, USA, 8-10 Oct. 1996, *(Microelectron. Soc)* [Reston, VA, USA: Microelectron. Soc. 1996] 39598 (introductory abstract), 52153–4, 52203–30, 52239, 52891, 53015–7, 53084–5, 53269, 53474, 53562–4, 53639–46, 53703, 53726, 53809–10, 53812–3, 53829–37, 53839, 53851–61, 54498–9, 54682, 54993, 56071, 57711, 58149, 58685–7, 58698, 58874, 59373, 59740, 59876–7, 60111, 60120, 60132, 60159, 61294–5

Microelectronics education; Grenoble, France, 5-6 Feb. 1996, *G.Kamarinos, N.Guillemot, B.Courtois (editor/s),* [Singapore: World Scientific 1996] 9790 (introductory abstract), 9860–93, 9901–16, 11243, 11317, 11382–4, 11604, 11628, 11732, 13082–3, 13100, 13185–6, 18137

Microelectronics, Omiya; Omiya, Japan, 24-26 April 1996, *(Microelectron. Soc.-Japan)* [Tokyo, Japan: Microelectron. Soc. 1996] 9767 (introductory abstract), 10127–38, 10152–76, 10225, 11181, 11186–7, 11774–5, 11851, 11865, 11867, 11986, 11988, 11996–2001, 12024–7, 12029, 12049–53, 12826–7, 12849, 13851, 16604–6, 16634, 16793–6, 17313, 17705, 17715, 20858–9, 26334, 27654

Microengineered components for fluids; London, UK, 29 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20292 (introductory abstract), 22744, 23082–3, 27707, 28076, 28694

Microengineering and the petrochemical industry; London, UK, 23 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 20441 (introductory abstract), 43381, 51905, 51913–6

Microengineering technologies and how to exploit them; Birmingham, UK, 8 April 1997, *(IEE)* [London, UK: IEE 1997] 52011 (introductory abstract)

Microlithography and metrology in micromachining; Austin, TX, USA, 14-15 Oct. 1996, *(SPIE; Semiconductor Equipment & Mater. Int.; NIST)* [1996] 51952 (introductory abstract)

Micromachining and microfabrication process technology; Austin, TX, USA, 14-15 Oct. 1996, *(SPIE; Semicond. Equipment & Mater. Int.; NIST)* [1996] 51921 (introductory abstract)

Microprocess conference; Kitakyushu, Japan, 8-11 July 1996, *(Japan Soc. Applied Phys)* [Dec. 1996] 29967 (introductory abstract), 30889–92, 31255–6, 31695–700, 31727, 31815, 31984, 32138, 32176–82, 32252–68, 32307–24, 32441, 32464–5, 32575, 32662, 32967, 33282

Microscopy of composite materials; Oxford, UK, 1-3 April 1996, [Feb. 1997] 55047

Microstructures and microfabricated systems; Chicago, IL, USA, 8-13 Oct. 1995, *D.Denton, P.J.Hesketh, H.Hughes (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 9841 (introductory abstract), 21674, 22699, 23041–7, 23061–7, 23088, 23441–2, 23580, 27494–7, 27514–20, 27708, 27740–1, 27745, 27974, 28058, 28080–1

Microwave and millimetre-wave optoelectronics; Canterbury, UK, 25-26 March 1996, [Nov.-Dec. 1995] 26693 (introductory abstract), 21942, 23573, 23675, 23893–8, 26694–6

Microwave and MM-wave radio communications; London, UK, 16 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 29960 (introductory abstract), 34097–100, 35775, 35916, 35918–9, 36045–8, 36341

Microwave instrumentation and satellite photogrammetry for sensing of the earth; Rome, Italy, 28-30 Sept. 1994, *(SPIE; Comm. Eur. Communities; Eur. Opt. Soc.; et al)* [1994] 29934 (introductory abstract)

Microwave sensing and synthetic aperture radar; Taormina, Italy, 23-26 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; et al)* [1996] 39535 (introductory abstract), 48058–78, 48108–17, 50022–6, 50073–5, 50208

Microwave symposium: bridging the spectrum; San Francisco, CA, USA, 18-20 June 1996, [Dec. 1996] 20368 (introductory abstract), 21460, 21863, 21869–75, 21880–2, 21898–9, 21908–13, 21924–5, 21939–41, 21952–3, 21957–67, 23259, 24443, 24508, 24518–9, 24529–32, 24577, 24591, 24601, 25842, 25885, 26612, 27086, 27109, 27389, 27856, 27879

MICS '96: mathematical foundations of computer science; Cracow, Poland, 2-6 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 14821, 16484

Millimeter and submillimeter waves; Denver, CO, USA, 5-7 Aug. 1996, *(SPIE; Rome Lab.; Tufts Univ)* [1996] 39532 (introductory abstract), 31151, 31356, 31493, 31702, 31709, 31717, 32893, 32903, 32927–9, 32962, 33261, 33587, 33702, 34316–8, 34483, 34560, 36022–4, 36075, 36117, 36226, 36256, 36579, 36694, 36699, 36874–6, 41403–6, 41434–5, 41483–8, 41787, 44343–50, 44611, 45307, 45470, 47573–4, 47853, 48529, 48852, 50216, 50230

Millimeter wave and far infrared science and technology; Beijing, China, 12-15 Aug. 1996, *(Chinese Inst. Electron.; Texas A&M Univ.; IEEE Beijing Sect.; China Nat. Committee for URSI; IEEE ED Soc) F.-J.Liao, J.-L.Liu (editor/s),* [New York, NY, USA: IEEE 1996] 52000 (introductory abstract), 52924, 53524, 53542–7, 53558–61, 53573–4, 53609–14, 53629–31, 53675–80, 53697, 53728, 53989–92, 53996–9, 54004–5, 54058, 54086, 55121, 55365, 55431, 55505, 55511–3, 55738, 55746, 56018–20, 56098–102, 56114–5, 56128, 56169–71, 56220, 58118–9, 58204, 58461–2, 58517, 58840, 58956, 58971–3, 59015, 59075, 59093, 59838, 60067, 60103

Missions to the Sun; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 39500 (introductory abstract)

Mobile communications; Thessaloniki, Greece, 19-20 Sept. 1996, *F.-N.Pavlidou (editor/s),* [Thessaloniki, Greece: Aristotle Univ. Thessaloniki 1996] 9832 (introductory abstract), 24576, 24635, 24843, 24926, 25934, 25963, 26469–70, 26493–6, 26503–7, 26539–48, 26580–601, 26620–6, 26656–7, 27135, 27170, 28459–60

Mobile handset antennas design; London, UK, 20 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 29963 (introductory abstract), 47828–36

Mobile multimedia communications; London, UK, 6 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 29961 (introductory abstract), 46497–500, 47210–1, 47391–3, 47826–7

Modal analysis; Orlando, FL, USA, 3-6 Feb. 1997, [1997] 51923 (introductory abstract)

Modelling and control of mechanisms and robots; Bertinoro, Italy, 22-26 July 1996, [Singapore: World Scientific 1996] 40222, 45787

Modelling and simulation for thermal management; London, UK, 29 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 29957 (introductory abstract), 42900–2, 51111, 51633

Modelling, identification and control; Igls, Austria, 20-22 Feb. 1995, *(IASTED)* [Calgary, Alta., Canada: IASTED-ACTA Press 1995] 31205, 32375, 35302–3, 37728, 38269–70, 38714–5, 38738–9, 38750–1, 38763–4, 38876, 39319

Modelling, simulation and identification; Wakayama, Japan, 12-16 Sept. 1994, *(IASTED; Kinki Univ)* [Calgary, Alta., Canada: IASTED 1994] 9900, 10574, 11551, 11992, 13222–3, 13299, 13526, 14203, 14532, 14570–1, 14645, 14784, 15024, 15269–70, 15859–65, 18345, 18594, 18604, 18977, 19532, 19760, 20127, 20235, 20248

Modern magnetism; Beijing, China, 28 Aug.-7 Sept. 1995, [Singapore: World Scientific 1996] 52603, 55030–1, 55045–6

Molecule-based magnets; Salt Lake City, UT, USA, 16-21 Oct. 1994, *(NSF; Univ. Utah; Gordon & Breach)* [1995] 3046

Monitors and condition assessment equipment; Leatherhead, UK, 5 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 29959 (introductory abstract), 36966, 38452, 38802–4, 38916–9, 38928

MS '94: modelling and simulation; Pittsburgh, PA, USA, 2-4 May 1994, *(IASTED; ISMM)* [Anaheim, CA, USA: IASTED 1994] 39636, 40032, 40825–7, 41114, 43094, 44844, 44992, 45707–9, 45964, 46697, 47189, 47378, 48211, 48859, 50458, 50565, 50793, 52509, 52939–40, 53115, 53404, 55320, 56449, 56713–4, 57730, 57811–2, 58991, 60234, 60522, 60815, 60986, 61120

Multichip modules; Denver, CO, USA, 17-19 April 1996, *(SPIE; Int. Microelectron. Soc.; Int. Electron. Packging Soc.; et al)* [1996] 7 (introductory abstract), 298–315, 366, 1128, 1383, 1740–1, 1852–3, 1863–89, 2756–7, 4165, 6410–1, 6462, 6574–6, 6686, 7100, 7233, 8231, 8253–4, 8582, 9691–4, 52233–7, 53740, 53838, 53845–50, 53864–9, 58063, 58163

Multichip modules with integrated sensors; Budapest, Hungary, 18-20 May 1995, *K.W.Jones, G.Harsanyi (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 20334 (introductory abstract), 20956–9, 21985, 22080, 22099–100, 22112–5, 27542–3, 28079, 30213–5, 31600, 31637, 31660–1, 32054, 32237, 32574, 36483–6, 36599, 36737, 39343

Multilayer and grazing incidence X-ray/EUV optics; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 24297, 27681, 27907, 28538–9, 34102, 37532

Multimedia computing and networking; San Jose, CA, USA, 10-11 Feb. 1997, *(SPIE; Soc. Imaging Sci. & Technol)* [1997] 39509 (introductory abstract), 46577, 46687, 46737–41, 47342–52, 47368, 48248

Multimedia engineering education; Melbourne, Vic., Australia, 3-5 July 1996, *(IEEE; Univ. Melbourne; Monash Univ.; RMIT; Educ. Victoria)* [New York, NY, USA: IEEE 1996] 20536–40, 20569–72, 24851, 26209–13, 26349, 26362–4

Multimedia hardware architectures; San Jose, CA, USA, 12-13 Feb. 1997, *(SPIE; Soc. Imaging Sci. & Technol.; Int. Soc. Opt. Eng)* [1997] 41239–44, 46404–11, 47371, 47451–2, 47466, 48228, 48232, 58579

Multimedia software; Berlin, Germany, 25-26 March 1996, *(IEEE Comput. Soc. Tech. Council on Software Eng)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 6196–7, 6284, 6333–4, 6398

Multimedia storage and archiving systems; Boston, MA, USA, 18-19 Nov. 1996, *(SPIE)* [1996] 46046–57, 48220, 49372

Multimedia telecommunications; Barcelona, Spain, 25-27 Nov. 1996, *G.Ventre, J.Domingo-Pascual, A.Danthine (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 9842 (introductory abstract), 16056, 16115–6, 16355, 16377, 16421–6, 26336–9

Multisensor fusion and integration for intelligent systems; Washington, DC, USA, 8-11 Dec. 1996, *(IEEE Ind. Electron. Soc.; IEEE Robotics & Autom. Soc.; Soc. Instrum. & Control Eng.; Robotics Soc. Japan)* [New York, NY, USA: IEEE 1996] 15417–22, 15999, 16969, 17792, 21827, 24821–2, 24958–76, 25486–502, 27092–3, 27468–73, 27561, 27656–60, 27723, 27894–900, 27924, 27928, 28148, 28551, 28710

Multispectral and microwave sensing of forestry, hydrology, and natural resources; Rome, Italy, 26-30 Sept. 1994, *(SPIE; Comm. Eur. Communities; Eur. Opt. Soc.; Nat. Res. Council of Italy; Italian Assoc. Remote Sensing)* [1995] 20392 (introductory abstract)

Multispectral imaging for terrestrial applications; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20358 (introductory abstract)

NAECON 1996; Dayton, OH, USA, 20-23 May 1996, *(Dayton Sect. IEEE; Aerospace & Electron. Syst. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 139, 142, 1036, 3509–10, 3860, 4063–4, 4133, 4356–7, 4691, 4978–80, 5273–6, 6169, 6832–5, 6879–83, 6915, 6926–8, 6933, 6969, 7214, 7644, 8230, 8241–5, 8247–9, 8262, 8269, 8583–5, 8628, 8632, 8640–8, 8650, 8684–5, 8696–704, 8708–14, 9712

Nano-clusters and granular materials; Sendai, Japan, 19-22 Sept. 1995, [30 Oct. 1996] 30826, 30939, 32813, 40534–5, 42375, 42435

Nanostructure physics and technology; Mauterndorf, Austria, 19-23 Feb. 1996, [Nov. 1996] 71 (introductory abstract), 809–10, 2046–7, 2126–7, 2194–204, 2256, 2412, 2557, 2677, 2733–5, 3469

National and international law enforcement databases; Boston, MA, USA, 19-20 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 47005–6

Natural language applications to information systems; Amsterdam, Netherlands, 26-28 June 1996, *(KISS B.V.; Elsevier Sci. B.V)* [Amsterdam, Netherlands: IOS Press 1996] 56383

Navigation and control technologies for unmanned systems; Orlando, FL, USA, 8-9 April 1996, *(SPIE)* [1996] 9806 (introductory abstract), 12041, 15764, 16645–6, 17005–7, 18603, 18655–6, 19006, 19032

NDT, Asia-Pacific conference; Taipei, Taiwan, 11-14 Dec. 1995, [Oct. 1996] 39571 (introductory abstract), 40733–7, 50253

NEPCON West '94; Anaheim, CA, USA, 27 Feb.-4 March 1994, [Des Plaines, IL, USA: Reed Exhibition 1993] 39573 (introductory abstract), 39694–5, 39715–6, 39738–41, 39748–51, 39764–6, 39768–77, 39789–92, 39796–8, 39831–5, 39838–54, 39877, 39883, 39907–15, 39928, 39930, 39949–56, 40593, 40664, 40740, 40752, 40903, 41191–2, 41572, 41580, 41582, 41597, 41602, 41609–13, 41654–76, 41678–94, 41705, 41710–4, 41718–22, 42797, 44917–9, 47473, 48377–80, 49929, 52127, 52137, 52146–7, 52163–7, 52178, 52180–2, 52190, 52194–8, 52231–2, 52243–6, 52291–2, 52303, 52309–10, 52327, 52380–3, 52744, 52842, 53464–5, 53701–2, 53720–1, 53735, 53737, 53741–2, 53755–68, 53773, 53778–90, 53802–7, 53811, 53841, 53863, 53871–4, 53880–6, 58639, 58644, 58653, 61301

Network and distributed systems management '94; Washington, DC, USA, 18-19 Oct. 1994, *(Technol. Transfer Inst.; Business Commun. Review)* [Hinsdale, IL, USA: Business Commun. Review 1995] 26030 (introductory abstract)

Network design and management tools; London, UK, 10 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 9800 (introductory abstract), 16185, 16204–6, 16330, 16619–21

Network operations and management; Kyoto, Japan, 15-19 April 1996, *(IEEE Commun. Soc.; IFIP)* [New York, NY, USA: IEEE 1996] 29971 (introductory abstract), 35428, 35542, 35553–5, 35587–644, 35650–9, 35672, 35717–9, 35752–3, 35789–90, 35820–1, 36108, 36344

Network protocols; Columbus, OH, USA, 29 Oct.-1 Nov. 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; Inf. Process. Soc. Japan) H.Ural (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 51993 (introductory abstract), 57591–6, 57652–62, 57683–4, 57744, 57906–13, 58201–2

Neural information processing; Hong Kong, 24-27 Sept. 1996, [Singapore: Springer-Verlag 1996] 21059, 21114–5, 21416, 21475, 21649, 21657, 21854–9, 24874, 25188–91, 25247–8, 25737–9, 25782–3, 26982–3, 28375, 28387, 28443, 28681, 31424–8, 34544, 34745–54, 35077–9, 37876, 38242, 38634

Neural information processing systems; Denver, CO, USA, 27-30 Nov. 1995, [Cambridge, MA, USA: MIT Press 1996] 52488, 53323, 53373, 53472, 53484–6, 53495, 56384–9, 56404, 57042–8, 58670–1, 59630–1, 59802, 60088, 60747

New phenomena in mesoscopic structures; Maui, HI, USA, 4-8 Dec. 1995, *(Japan Soc. Promotion of Sci.; Electron. Properties of Extreme Strucutres; et al)* [Sept. 1996] 9811 (introductory abstract), 10785–7, 10829, 12359, 12447–92, 12581, 12658, 12773, 12841–2, 12882, 12970, 13029, 13040–8, 13508–10, 14169–70, 14221, 17389

New trends in ion beam processing of materials. E-MRS '96 Spring meeting; Strasbourg, France, 4-7 June 1996, [Dec. 1996] 29939 (introductory abstract), 30743–7, 31744–58, 31804–6, 31882–6, 31935–7, 32109, 32116–23, 32367, 33054–5

Next generation manufacturing; London, UK, 22 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 29998 (introductory abstract), 30098, 30125

Non destructive testing; Patras, Greece, 22-23 May 1995, [April 1997] 51989 (introductory abstract), 52904–6

Nondestructive evaluation for process control in manufacturing; Scottsdale, AZ, USA, 3-5 Dec. 1996, *(SPIE; Federal Highway Adm.; Nondestructive Testing Inf. Analysis Center; et al)* [1996] 20366 (introductory abstract)

Nondestructive evaluation of aging aircraft, airports, and aerospace hardware; Scottsdale, AZ, USA, 3-5 Dec. 1996, *(SPIE; Federal Highway Adm.; Nondestructive Testing Inf. Anal. Center)* [1996] 20363 (introductory abstract)

Nondestructive evaluation of bridges and highways; Scottsdale, AZ, USA, 4-5 Dec. 1996, *(SPIE; Federal Highways Adm.; Nondestructive Testing Inf. Anal. Center; et al)* [1996] 20364 (introductory abstract)

Nondestructive evaluation of materials and composites; Scottsdale, AZ, USA, 3-5 Dec. 1996, *(SPIE; Federal Highway Adm.; Nondestructive Testing Inf. Anal. Center)* [1996] 20403 (introductory abstract)

Nondestructive evaluation of utilities and pipelines; Scottsdale, AZ, USA, 4-5 Dec. 1996, *(SPIE; Federal Highway Adm.; Nondestructive Testing Inf. Anal. Center; et al)* [1996] 20365 (introductory abstract)

Nonlinear and quantum optics; Les Ares, France, 21-25 Jan. 1996, [July 1996] 3736, 3974–7, 4159, 33564, 33703–11, 34587

Nonlinear control systems design; Tahoe City, CA, USA, 25-28 June 1995, [Oxford, UK: Pergamon 1996] 11215, 11483, 11750, 15699–702, 19059, 19198, 20122

Nonlinear dynamics, chaotic and complex systems; Zakopane, Poland, 7-11 Nov. 1995, [1996] 31787, 32059, 32919

Nonlinear dynamics in lasers; St. Petersburg, Russia, 27 June-1 Aug. 1995, *(SPIE)* [1996] 9772 (introductory abstract), 13924–6, 13990, 14021, 14100–1, 14207–11, 14215, 14257–9

Nonlinear optical interactions and wave dynamics; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 20354 (introductory abstract), 23501, 23622, 23743, 24168–80, 32966, 33000–2, 33362, 33389–90, 33613–25, 33734

Nonlinear optical liquids; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 20399 (introductory abstract), 23599, 24213–30

Nonlinear optical properties of organic materials; Denver, CO, USA, 7-9 Aug. 1996, *(SPIE)* [1996] 20402 (introductory abstract), 23581–2, 23682, 23691, 23702, 23771, 24182–3, 24231–4, 26894, 27953

Nonlinear optics - notions and perspectives; Aalborg, Denmark, 7-12 Aug. 1995, *O.Keller (editor/s),* [Singapore: World Scientific 1996] 29989 (introductory abstract), 32980, 33695–8, 42124, 43996, 44171, 44410, 44595, 44610, 44645–50, 45159, 48964

Nonlinear optics of liquid and photorefractive crystals; Crimea, Ukraine, 23-30 Oct. 1995, *(SPIE; Ukrainian Committee for Sci. & Technol.; Ukrainian Phys. Soc.; et al)* [1996] 9803 (introductory abstract), 13540, 13550, 13606–7, 13657, 13717, 13736–7, 14031, 14290–2, 14343–4, 14461–5, 17697

Nonlinear optics of low-dimensional structure and new materials; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 20317 (introductory abstract), 24135–43

Nonlinear phenomena in ocean dynamics; Los Alamos, NM, USA, 15-19 May 1995, [15 Nov. 1996] 21158

Nonlinear spectroscopy and ultrafast phenomena; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 13988, 14355, 14404, 14476, 14505, 17848–50, 18835

Nonliner optics applications; Kazimierz Dolny, Poland, 2-5 Sept. 1996, [1996] 51960 (introductory abstract), 55199–200, 55269–72, 55287, 55855–63, 55886–9

Nonvolatile memory technology; Albuquerque, NM, USA, 24-26 June 1996, *(IEEE Components, Packaging & Manuf. Technol. Soc.; IEEE Comput. Soc.; IEEE Magnetics Soc.; IEEE Solid State Circuits Council)* [New York, NY, USA: IEEE 1996] 36 (introductory abstract), 1366–81, 2277, 2890, 3212–5, 3256–8, 3340–2, 4470, 8250, 8581

NORCHIP seminar; Copenhagen, Denmark, 7-8 Nov. 1995, [Jan. 1997] 51926 (introductory abstract), 53040, 53113, 53352, 53402–3, 53480, 58057

Nordic insulation symposium; Bergen, Norway, 10-12 June 1996, [Trondheim, Norway: Norwegian Univ. Sci. & Technol. 1996] 51962 (introductory abstract)

Nordic semiconductor meeting; Trondheim, Norway, 17-20 June 1996, [1997] 52601, 52729, 52755, 52824, 54052, 54093, 54104, 54225–7, 54265, 54305, 54369, 54578, 54617, 54676, 54812, 54826, 55408–9, 58881, 61095–6

Northcon/96; Seattle, WA, USA, 4-6 Nov. 1996, [New York, NY, USA: IEEE 1996] 39524 (introductory abstract), 30076–7, 30083–8, 30101, 30160, 30329, 30406–7, 31119, 31333–4, 31354, 31399, 31404–5, 31568, 31615–7, 32509, 35774, 36043, 36434, 36547, 36791, 37585–8, 37887, 37936, 38194, 39298–306, 39350, 39604–5, 39643–5, 39667–8, 39702–3, 40774, 42899, 46563, 46861, 47038–43, 47572, 47611–2, 47844, 48237, 48598, 50891

Nuclear and hazardous waste management; Seattle, WA, USA, 18-23 Aug. 1996, *(ANS; U.S. Dept Energy; IAEA; Eur. Nucl. Soc.; Eur. Commission; Chinese Nucl Soc.; et al)* [La Grange Park, IL, USA: ANS 1996] 48846, 49336, 49359, 50225–6, 50732, 50739–47

Nuclear and space radiation effects; Indian Wells, CA, USA, 15-19 July 1996, [Dec. 1996] 20407 (introductory abstract), 20906, 21386, 21639, 21678–80, 21691–9, 21749, 21782, 21844, 21853, 22215–6, 22258, 22471–5, 22747–8, 22760–1, 22789–92, 22841–5, 22864–70, 22888, 22946–8, 22954–5, 22957–9, 22993–7, 23012–3, 23084–5, 23105, 23275, 23681, 23685–6, 24015, 27587, 27639, 27685, 28020–1, 28465, 28496, 28500–1, 28553–8, 28566–7, 28699, 29438, 29649

Nuclear physics; Amsterdam, Netherlands, 16-19 April 1996, *(Kernfysisch Versneller Inst.; Koninklijke Nederlandse Akad. Wetenschappen; et al)* [Amsterdam, Netherlands: NIKHEF 1996] 39544 (introductory abstract)

Nuclear science and medical imaging; Anaheim, CA, USA, 2-9 Nov. 1996, *A.Del Guerra (editor/s),* [New York, NY, USA: IEEE 1996] 52003 (introductory abstract), 22753, 28017, 28047, 28161–3, 28227–42, 29027, 32415, 37403–4, 37414, 37511–2, 37575, 37670–7, 52925, 53083, 53379, 54711, 55402, 56898, 57597, 58621, 58656–7, 58769, 59208–11, 59214, 59216–25, 59257–95, 59300–3, 59308–18, 59321–43, 59346, 59358–69, 59464–7, 59497–503, 59555–6, 59853, 60018, 60027, 60502

Object World UK '96; London, UK, 18-21 June 1996, [Hounslow, UK: Object World 1996] 35551, 35928

Ocean optics; Halifax, NS, Canada, 22-25 Oct. 1996, *(SPIE; Office of Naval Res.; NASA)* [1997] 39511 (introductory abstract)

Oceans 96; Fort Lauderdale, FL, USA, 23-26 Sept. 1996, *(Marine Technol. Soc.; OES; IEEE)* [New York, NY, USA: IEEE 1996] 39579 (introductory abstract), 31337, 34969, 35372, 35895, 36044, 36200, 36202, 36274, 36291, 38043–7, 38077, 38083–103, 38115, 38143, 39476, 39959, 40741, 45166, 45436, 45664, 45789–90, 45876, 46278–9, 46997–9, 47511, 47797, 47845–6, 48027–36, 48137–47, 48149–54, 48157–60, 48171, 48177, 48469, 49839, 49978–86, 49989–91, 49993–50007, 50017–9, 50045, 50054–6, 50068–70, 50091–140, 50142–66, 50176–206, 50215, 50219–20, 50222, 50259, 50270–1, 50285–7, 50290, 50687, 50815, 50856, 51910

Online information 96; London, UK, 3-5 Dec. 1996, *(The Guardian)* [Oxford, UK: Learned Inf. (Europe) 1996] 57726, 57953–7, 58021, 58227

Open distributed processing; Brisbane, Qld., Australia, Feb. 1995, *(Aspect Comput.; Bay Technol.; IBM Australia; Open Environ. Corp.; et al)* [London, UK: Chapman & Hall 1995] 5944–5, 5950–1, 5970–4, 6074–80, 6111–3, 6151–67, 6302, 6309

Operating systems design and implementation; Seattle, WA, USA, 28-31 Oct. 1996, [1996] 15844

Optical and electrical properties of glasses; Troy, NY, USA, 9-11 Aug. 1995, [1 Aug. 1996] 826, 950, 2071–3, 2386, 7674

Optical communication; Brussels, Belgium, 17-21 Sept. 1995, [Gent, Belgium: IMEC 1995] 9785 (introductory abstract), 13114, 13592–603, 13652–5, 13697, 13732, 13898, 14011–2, 14156–8, 14196, 14220, 14330, 16122, 16207, 16283–4, 16419–20, 16441–5, 16461, 16493–4, 16512–4, 16573, 16716–67, 16821–33, 17060, 17073–6, 22952, 23492, 23535, 23619–21, 23793–6, 23812–5, 23935–9, 23957–8, 24001, 24131–3, 24163, 24290, 25570–1, 26335, 26430, 26440–6, 26452–5, 26460, 26729–63, 26810–41, 26886–9, 27129, 27952

Optical computing; Sendai, Japan, 21-25 April 1996, *(Japan Soc. Appl. Phys.; Int. Comm. Opt.; IEICE of Japan)* [Nov.-Dec. 1996] 23460–1, 23609–16, 23623–4, 23711–3, 24145, 25528–31, 25617, 26124

Optical fiber sensors; Sapporo, Japan, 21-24 May 1996, *(Japan Soc. Applied Phys.; IEICE of Japan; IEE of Japan; Soc. Instrum. & Control Eng., Japan)* [Jan.-Feb. 1997] 55209–12, 55457, 55528–9, 55675, 58366–7, 58706, 58748, 58790–807, 58861–2, 58951, 59001

Optical fibre gratings; London, UK, 7 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51949 (introductory abstract), 43978–84, 44399, 44589, 44747, 48022–6, 48642, 55187

Optical fibre video, audio and data systems; London, UK, 28 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 30005 (introductory abstract), 58288–9, 58570–1

Optical inspection and micromeasurements; Besancon, France, 10-14 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement; et al)* [1996] 9808 (introductory abstract), 183, 350, 1014–6, 3351, 3392, 3571, 4070–1, 4144–5, 7305–6, 7389–92, 7419, 7583–6, 7604, 7647–59, 7671, 8524, 10049, 10989–95, 12518, 14416–23, 15435, 17133, 17766–8, 17797–8, 17816–22, 18952

Optical instrumentation; McLean, VA, USA, 7-10 Nov. 1994, *(SPIE; Air & Waste Manage. Assoc)* [1995] 20393 (introductory abstract)

Optical instruments for weather forecasting; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 20324 (introductory abstract)

Optical microlithography; Santa Clara, CA, USA, 13-15 March 1996, *(SPIE)* [1996] 1384, 1406, 2457–81, 2488–91, 2499–544, 2551–3, 2790, 3883

Optical pattern recognition VII; Orlando, FL, USA, 9-10 April 1996, *(SPIE)* [1996] 1 (introductory abstract), 3480–1, 3485, 3546–8, 3561, 4140–1, 5200–7, 5450–60, 6955, 7135, 7232, 7235, 8686–7, 15432–3, 19001

Optical radiation measurements; Denver, CO, USA, 8-9 Aug. 1996, *(SPIE)* [1996] 39530 (introductory abstract), 48284–8, 48527–8, 49946, 50047

Optical spectroscopic techniques and instrumentation for atmospheric and space research; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 39497 (introductory abstract)

Optical system contamination V and stray light and system optimization; Denver, CO, USA, 5-7 Aug. 1996, *(SPIE)* [1996] 20301 (introductory abstract)

Optical techniques for smart structures and structural monitoring; London, UK, 17 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51940 (introductory abstract), 48635–41, 48953, 50258, 58780

Optics for high-brightness synchrotron radiation beamlines; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 33822, 36889, 37065–9, 37548–52

Optics for science and new technology; Taejon, South Korea, 19-23 Aug. 1996, [1996] 9762 (introductory abstract)

Optics in agriculture, forestry, and biological processing; Boston, MA, USA, 19-20 Nov. 1996, *(SPIE)* [1996] 29966 (introductory abstract)

Optics in atmospheric propagation, adaptive systems, and lidar techniques for remote sensing; Taormina, Italy, 24-26 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; et al)* [1997] 39504 (introductory abstract)

Ordered molecular and nanoscale electronics; Keauhou-Kona, HI, USA, June 1994, [Dec. 1996] 51925 (introductory abstract), 53817–20, 54183–5, 54386–8, 54540, 54584, 54713, 58949

Organic materials and optoelectronic devices; Paris, France, 23-24 Nov. 1995, [15 Aug. 1996] 20328 (introductory abstract), 22202, 22807, 23595–6, 23663–4, 23693, 24160–2

Organized molecular films; Numana, Italy, 10-15 Sept. 1995, [15 Sept. 1996] 20372 (introductory abstract), 21323, 22081, 27606, 27743–4, 31640–4, 31828, 31932, 32471, 32597, 33232–3, 33244, 33298–9, 36715, 36741–2, 36837, 36961–3

Oxide electronics; Yokohama, Japan, 14-15 Dec. 1995, [Oct. 1996] 9784 (introductory abstract), 10741, 12573, 13054–5, 17579, 20034

Ozone in the lower stratosphere; Halkidiki, Greece, 1995, [20 Jan. 1997] 60038–40

PARA '96: applied parallel computing; Lyngby, Denmark, 18-21 Aug. 1996, *J.Wasniewski, J.Dongarra, K.Madsen, D.Olesen (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 20380 (introductory abstract), 34755, 35080

Parallel algorithms/architecture synthesis; Aizu-Wakamatsu, Japan, 17-21 March 1997, *(IEEE Comput. Soc. Tech. Committee on Comput. Architecture; IFIP Working Group 10.3 Concurrent Syst.; ACM/SIGARCH; Inf. Process. Soc. Japan)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 40057, 46200, 46805, 47065–6

Parallel and distributed computing; Shanghai, China, 19-21 March 1997, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 21149, 21197, 22908, 26088, 34704, 35316–7, 35515–7, 37742

Parallel and distributed computing systems; Dijon, France, 25-27 Sept. 1996, *(ISCA; IEEE Comput. Soc.; IEEE Tech. Committee on Operating Syst.; et al)* [Raleigh, NC, USA: Int. Soc. Comput. & Their Appl.-ISCA 1996] 23626, 25325–6, 25569, 25847, 25913–5, 25935–8, 26100, 26145, 26201, 26266–7, 26419, 26718

Parallel and distributed information systems; Miami Beach, FL, USA, 18-20 Dec. 1996, *(IEEE Compt. Soc. Tech. Committee on Data Eng.; ACM SIGMOD)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 26103

Parallel and distributed processing; New Orleans, LA, USA, 23-26 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Architecture; IEEE Comput. Soc. Tech Committee on Distributed Process.; IEEE Comput. Soc. Dallas Chapter)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 11081, 11334, 16094, 16126, 16291, 16983

Parallel and distributed real-time systems; Honolulu, HI, USA, 15-16 April 1996, *(Naval Surface Warfare Center, USA; U.S. Army MICOM; Holland Signaal, Netherlands)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 4737–8, 5749, 5846, 6130–3, 6316–8, 7105, 8651

Parallel image analysis; College Park, MD, USA, 7-9 June 1994, [Singapore: World Scientific 1996] 4964–70

Parallel processing; Genva, Switzerland, 1-5 April 1997, *(IEEE Comput. Soc. Tech. Committee on Parallel Process.; ACM SIGARCH; Eur. Assoc. Theor. Comput. Sci. (EATCS); Swiss Special Interest Group on Parallelism (SIPAR); SPPEDUP Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 40843–4, 44145, 46523–4, 46835, 47215–20, 47454, 52953

PASCO '94: parallel symbolic computation; Hagenberg/Linz, Austria, 26-28 Sept. 1994, *(ACCLAIM (Eur. Union ESPRIT Basic Res. Action); CEI-PACT (Central Eur. Initiative on Parallel Computation); et al)* [Singapore: World Scientific 1994] 10471

Pattern formation, fractals and statistical mechanics; Sydney, NSW, Australia, 4-5 Jan. 1996, [1 Dec. 1996] 32169, 35699

Pattern recognition; Vlieland, Netherlands, 1-3 June 1994, *E.S.Gelsema, L.N.Kanal (editor/s),* [Amsterdam, Netherlands: Elsevier 1994] 51947 (introductory abstract), 355–6, 391, 455, 1018, 1507, 4421, 4503–4, 4546, 4602, 4780, 4822–6, 4910–4, 5043–144, 5279–326, 5341–431, 5560–666, 6012, 6346, 7103, 7226, 7405–6, 7416, 7432–4, 7590, 7876–8, 8014–7, 8040–7, 8067, 8418, 8477, 10184, 10333, 10433, 11465–7, 14947, 15200, 15519–71, 16848, 18247–51, 18780, 18829, 18897

Pattern recognition and image analysis; Valday, Russia, 3-9 March 1996, [Jan.-March 1997] 39569 (introductory abstract), 45685, 46282–91, 49498–9, 50008

Petroleum and chemical industry; Philadelphia, PA, USA, 23-25 Sept. 1996, [New York, NY, USA: IEEE 1996] 39519 (introductory abstract), 39642, 39679–82, 47034, 50377, 50578–9, 50887–90, 50969, 51072, 51646–52, 51833, 51839–40, 51882–4, 51898–904, 51912

Pharmaceutical software testing; London, UK, 18 March 1997, *(IEE)* [London, UK: IEE 1997] 58640

Photo-excited processes and applications; Jerusalem, Israel, 17-21 Sept. 1995, *(Center for Tech. Educ. Holon; Tel-Aviv Univ.; Hebrew Univ.; et al)* [Oct. 1996] 68 (introductory abstract), 798–801, 832, 896–907, 942, 947, 2042, 2063, 2075–6, 2094, 2125, 2392–6, 2451–2, 2555–6, 3026, 3224, 3296, 3449–50, 3793, 4149–51, 4171–3, 7358, 7873

Photochemotherapy: photodynamic therapy and other modalities; Vienna, Austria, 7-8 Sept. 1996, *(SPIE; Eur. Laser Assoc.; Int. Biomed. Opt. Soc.; Eur. Opt. Soc.; et al)* [1996] 39534 (introductory abstract)

Photomask and X-ray mask technology; Kanagawa, Japan, 18-19 June 1996, *(SPIE; BACUS)* [1996] 9825 (introductory abstract), 20965, 22630–58, 22676–97, 22739

Photomask technology and management; Redwood City, CA, USA, 18-20 Sept. 1996, *(SPIE)* [1996] 51978 (introductory abstract)

Photomechanics; Novosibirsk, Russia, 11-14 Sept. 1995, *(SPIE; State Minist. Railways)* [1996] 21412 (introductory abstract)

Photonics and radio frequency; Denver, CO, USA, 7-8 Aug. 1996, *(SPIE)* [1996] 51977 (introductory abstract), 53569, 55208, 55289, 55468–9, 55672–4, 56210–6, 56228, 56497–8, 58113, 58349–65, 58455–7

Photonics for space environments; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 39550 (introductory abstract), 43955–8, 44074, 44091, 44098, 44124–5, 44282, 44311, 47914, 47953–6, 48603, 49855–8, 49890–8

Photopolymer device physics, chemistry, and applications; Denver, CO, USA, 7 Aug. 1996, *(SPIE)* [1996] 20294 (introductory abstract), 13544–5, 13674, 13804, 14405, 23435, 23523–6, 24082–3, 24262–7

Photorefractive fiber and crystal devices: materials, optical properties, and applications; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 23448–57, 23478–9, 23562, 23605, 23607, 24036, 24089–92, 24269–77, 25273–4, 27927

Photosensitive optical materials and devices; San Jose, CA, USA, 12-14 Feb. 1997, *(SPIE)* [1997] 51953 (introductory abstract), 52774, 55153–6, 55169–70, 55188–94, 55261–4, 55286, 55362, 55522, 55834–8, 55935–7, 58784

Photovoltaic electricity production; London, UK, 6 March 1997, *(IEE)* [London, UK: IEE 1997] 51942 (introductory abstract), 60608–12

Photovoltaic specialists conference; Washington, DC, USA, 13-17 May 1996, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1996] 29951 (introductory abstract), 30694, 30759–60, 30855, 30859–60, 30869–70, 30896–7, 30951–2, 31779, 31800, 31874–5, 32094, 32104, 32190–1, 32250, 33237, 36522, 36869, 37937, 37973–80, 37982–8019, 38641–3, 38648–62, 38877, 38954, 38971–9035, 39047–81, 39083–184, 39190–220, 39225–8, 39370, 50822–50, 51115, 51587–95, 51615, 51759

Physical phenomena at high magnetic fields; Tallahassee, FL, USA, 6-9 May 1995, [Singapore: World Scientific 1996] 2110, 4191, 4207–9, 7544, 7749, 7777

Physics and chemistry of mercury cadmium telluride and other IR materials; Baltimore, MD, USA, 10-12 Oct. 1995, [Aug. 1996] 671, 698–711, 762, 821, 1994–7, 2099, 2296, 2304–7, 2341–2, 2567, 3593, 3623, 7320, 7396, 7562, 7780–1, 7836–7, 7914, 7952

Physics and chemistry of molecular and oxide superconductors; Karlsruhe, Germany, 2-6 Aug. 1996, [Dec. 1996] 21375, 23399, 30692, 32891, 32913–4

Physics and chemistry of semiconductor interfaces; La Jolla, CA, USA, 21-25 Jan. 1996, *(American Vacuum Soc.; Office of Naval Res)* [July-Aug. 1996] 52617–25, 52687–8, 52771–2, 52810–2, 53517, 54072–3, 54155–60, 54197, 54221, 54245–50, 54258, 54284–8, 54299, 54360–2, 54391–403, 54436–41, 54520–4, 54542–9, 54575, 54609, 54663, 54716, 54847, 54886, 55712

Physics-based technologies for the detection of contraband; Boston, MA, USA, 19-20 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; et al)* [1997] 39553 (introductory abstract)

Physics, chemistry and dynamics of interplanetary dust; Gainesville, FL, USA, 14-18 Aug. 1995, [1996] 48201–3

Physics of beams; Los Angeles, CA, USA, Dec. 1993, [1996] 59114–5, 59144–6

Physics of electrophotography; Hilton Head, SC, USA, 29 Oct.-3 Nov. 1995, [July-Aug. 1996] 29942 (introductory abstract), 33224–6, 33833–6, 39466–8

Physics of ferroelastics; Voronezh, Russia, 12-15 Sept. 1994, [1996] 54910

Physics of magnetism; Poznan, Poland, 24-26 June 1996, *(Committee for Sci. Res.; Minstr. Nat. Educ.; Committee of Phys. Polish Acad. Sci.; et al)* [Jan. 1997] 43617–8, 55038–9

Physics of semiconducting compounds; Jaszowiec, Poland, 27-31 May 1996, [Oct. 1996] 9770 (introductory abstract), 10619, 10627, 10723, 10754, 12164, 12231–4, 12251–5, 12313, 12343–4, 12352–4, 12413–6, 12433–40, 12528–9, 12637–8, 12877, 13037, 13806, 13899, 14118

Physics potential and development of $\mu^+ \mu^-$ colliders; San Francisco, CA, USA, 13-15 Dec. 1995, [Nov. 1996] 9782 (introductory abstract), 17966–79, 18074, 18109–11

Physics potential and development of $OE$$O+$OE$$O- colliders; Sausalito, CA, USA, Nov. 1994, [1996] 55 (introductory abstract), 7688–94, 7732–44, 7770

PID in machine control; London, UK, 24 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 21410, 29514

Plasma astrophysics and cosmology; Princeton, NJ, USA, 10-12 May 1993, [May 1995] 7022

Plasma-based ion implantation; Sydney, NSW, Australia, 12-15 Feb. 1995, *(Australian Nucl Sci. & Technol. Organ)* [1 Nov. 1996] 70 (introductory abstract), 1896–7, 2323–6

Plasma ion surface engineering. PISE; Orsay, France, 19-20 Oct. 1995, [Sept. 1996] 22 (introductory abstract), 841–2, 7766

Plasma processing; Los Angeles, CA, USA, 5-10 May 1996, *G.S.Mathad, M.Meyyappan (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1996] 51994 (introductory abstract), 54308–9, 54321, 54333, 54465–89, 54530, 54777

Plasma science; Boston, MA, USA, 3-5 June 1996, *(Plasma Sci. & Applications Committee of IEEE Nucl. & Plasma Sci. Soc.; Northeastern Univ)* [New York, NY, USA: IEEE 1996] 1701, 1898, 1900–1, 1904–5, 1909, 1915–8, 1922–8, 1934–50, 1953–5, 2309, 3618, 3676, 4273–7, 4382, 7505–6, 7719–21, 7731, 7753–4, 8221–3, 8456–60, 9438–40, 9722–4, 11231, 11845, 12072, 12085–91, 12093–104, 12107–22, 12722–4, 14619–20, 17416, 17983, 19892–9, 20218–9

Platforms and systems; Rome, Italy, 28-29 Sept. 1994, *(SPEI; Comm. Eur. Communities; Eur. Opt. Soc.; et al)* [1995] 20391 (introductory abstract)

Polarimetry of the interstellar medium; Troy, NY, USA, 4-7 June 1995, [1996] 7412, 7557

Polarization analysis and applications to device technology; Yokohama, Japan, 12-14 June 1996, *(SPIE; Japan Opt. Meas. Instrum. Manuf. Assoc)* [1996] 51974 (introductory abstract), 55311–2, 55328–9, 55336, 55340, 55382, 55565, 55798, 55909–10, 57140, 58396, 58747, 58816, 58931, 59013, 59029, 59037, 59053–5, 59061–5, 59117, 59528

Polarized beams and polarized gas targets; Cologne, Germany, 6-9 June 1995, *(DFG (Deutsche Forschungsgemeinschaft); State of Northrhine-Westphalia; Forschungszentrum Julich; et al) H.P.Schieck, L.Sydow (editor/s),* [Singapore: World Scientific 1996] 29988 (introductory abstract)

Polycrystalline semiconductors: physics, chemistry and technology; Gargnano, Italy, 9-14 Sept. 1995, *(Acad. Nat. Lincei; Consiglio Nat. Res., Gruppo Nat. Struttura della Materia; et al)* [1996] 9823 (introductory abstract), 10670–1, 10811, 10830, 10909–17, 11777, 12133, 12189–201, 12269–71, 12297–8, 12307, 12317–20, 12367–8, 12623–4, 12678–9, 12793, 12884–5, 12983–7, 13542, 13802–3, 13810, 17582, 20038–47, 21331–2, 22194, 22278

Positron workshop: physics of electronic and atomic collisions; Vancouver, BC, Canada, 18-21 July 1995, [July-Aug. 1996] 27989

Power electronics; San Luis Potosi, Mexico, 16-19 Oct. 1995, [New York, NY, USA: IEEE 1995] 45 (introductory abstract), 1127, 8730, 9192, 9226–9, 9263–4, 9344–52, 9593, 9716, 9754

Power electronics and applications; Seville, Spain, 19-21 Sept. 1995, *(Eur. Power Electron. & Drives Assoc)* [Brussels, Belgium: EPE Assoc. 1995] 39574 (introductory abstract), 40783, 40882–98, 40904–15, 40919–20, 41307–10, 41532, 41549, 41553–5, 41569, 41878, 42897, 42905, 42927–9, 42953–5, 42971–7, 43033–8, 43080–2, 43108–9, 43146, 43650, 43708, 49220, 49798, 50327–30, 50349, 50415–6, 50441–2, 50460–5, 50487, 50502, 50513–22, 50527, 50546, 50909–10, 50922, 50949, 50964, 50999–1008, 51027–8, 51063, 51083–4, 51088, 51154–89, 51202, 51225–40, 51329–77, 51392, 51430–1, 51444, 51473, 51632, 51686–717, 51732, 51735–6, 51766–78, 51783–93, 51796–809, 51816, 51822, 51830–2, 51834, 51837, 51855–60, 51880–1, 51885, 51897, 51906–7, 51919, 52038–9, 53018, 53028–30, 53064, 53705, 53712, 55072, 58583, 59899, 59959, 60189–90, 60235, 60355, 60556, 60591–2, 60616–7, 60625, 60643–5, 60650–1, 60694–9, 60704–7, 60730–42, 60748–53, 60768–9, 60789–90, 60794–5, 60807, 60818–9, 60869–89, 60896–906, 60919–20, 60968–71, 61121–49, 61156–79, 61190–4, 61245–51, 61262–3, 61296, 61316, 61350, 61356, 61361, 61374, 61385

Power electronics and variable speed drives; Nottingham, UK, 23-25 Sept. 1996, [London, UK: IEE 1996] 149, 2569, 2611, 2622, 2705, 8725, 8737, 9128, 9153, 9189, 9213, 9325–31, 9364–6, 9581–7, 9611–2, 9674

Power electronics in transportation; Dearborn, MI, USA, 24-25 Oct. 1996, [New York, NY, USA: IEEE 1996] 20335 (introductory abstract), 22836, 28697, 29313, 29416–7, 29783–95, 29835–45

Power engineering - UPEC '96; Iraklio, Greece, 18-20 Sept. 1996, *(EPRI; Electr. Authority of Cyprus; General Secretariat for Res. & Technol., Greece; Greek Ministr. Educ.; Groupe Schneider; et al)* [Iraklio, Greece: Technol. Educ. Inst. Iraklio 1996] 9793 (introductory abstract), 9927, 11183, 11782, 12912, 13211, 13220–1, 13300, 13426, 13848, 14511, 16521–2, 17242, 18736, 18997, 19060–5, 19068–71, 19076–7, 19080–91, 19169–94, 19202–6, 19218–25, 19232–40, 19254–5, 19259–61, 19263–5, 19270, 19273, 19278–80, 19284–6, 19303–4, 19306–7, 19314–7, 19319, 19325, 19327–9, 19364, 19370, 19372, 19377, 19379, 19390–2, 19394, 19405–6, 19409–11, 19413–5, 19420, 19422–4, 19429–31, 19436, 19442, 19448, 19534–6, 19550–1, 19554–5, 19565–7, 19573, 19584, 19598–606, 19611, 19632–3, 19641–8, 19650, 19668, 19681–3, 19685, 19691–6, 19705–8, 19711–2, 19720, 19724–7, 19740–3, 19747, 19753–4, 19763–7, 19777, 19801, 19814–7, 19823–4, 19827–31, 19850–1, 19856–9, 19868–75, 19882–4, 19909, 19912–3, 19922–3, 19925–8, 19937, 20050, 20116–21, 20124, 20134–5, 20142–3, 20177, 20184–5, 20202, 20217, 20234, 20236, 20261, 20272, 20290, 28726, 28891, 29208

Power modulator symposium; Boca Raton, FL, USA, 25-27 June 1996, *(US Army Res. Lab.; US Army Res. Office; Air Force Wright Lab.; Sandai Nat. Lab.; Naval Surface Warfare Center; Advisory Group on Electron Devices; IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1996] 39597 (introductory abstract), 43095, 43558–9, 44607, 45000, 48122–5, 49073–6, 49944–5, 50227–8, 50647–8, 50873, 51252–73, 51401–9, 51447, 51629, 51838, 60863–8, 60945

Power system protection; Nottingham, UK, 25-27 March 1997, [London, UK: IEE 1997] 51968 (introductory abstract)

Power systems harmonic distortion; London, UK, 5 March 1997, *(IEE)* [London, UK: IEE 1997] 51945 (introductory abstract), 60201–3, 60445, 60658, 60834, 61195

PPSN IV: parallel problem solving from nature; Berlin, Germany, 22-26 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 10321, 10377–98, 11134–6, 11387–8, 11552, 12005, 12979, 15912, 16106, 16615, 18752, 19445

Precision air strike operations in rapid-reaction and localised-conflict scenarios; Seville, Spain, 16-19 Oct. 1995, [Neuilly-sur-Seine, France: AGARD 1996] 20424 (introductory abstract)

Precision electromagnetic measurements; Braunschweig, Germany, 17-21 June 1996, *(Bureau Int. Poids & Mes.; IEEE Instrum. & Meas. Soc.; NIST; NRCC; URSI; Bundesminist. Bildung, Wissenschaft, Forschung & Technol.; Bundesminist. Wirtschaft; Deutsche Forschungsgemeinschaft; Fluke Corp.; Helmholtz Fonds e.V.; Hewlett-Packard; IUPAP; Phys.-Tech. Bundesanstalt; Siemens; Stadt Braunschweig; Wavetek; WE-Heraeus-Stiftung) A.Braun (editor/s),* [New York, NY, USA: IEEE 1996] 9831 (introductory abstract), 10452, 11023, 13972–8, 14234, 14245, 14508, 17130, 17144, 17146–50, 17171–6, 17181–3, 17188–93, 17238–40, 17295–304, 17346, 17596, 17601, 17716, 17726–9, 17735–7, 17743, 17746, 17814, 19397, 21408, 21523–4, 21567, 21760, 21879, 21916–7, 21936, 21984, 21994, 21999, 22660, 22894, 22903, 23388, 23408–10, 23576, 23724, 23732–3, 24038–40, 24048, 24050, 24113–5, 24208, 24312–3, 24497–8, 24500, 24554–5, 24569–70, 24573–5, 24600, 24609, 25187, 26058, 26492, 27059–60, 27199–202, 27212–70, 27283–318, 27341–63, 27374–84, 27386–7, 27400–3, 27422, 27427–31, 27464–7, 27489–92, 27511–2, 27607, 27769–70, 27772–3, 27777–81, 27808–12, 27815, 27818–20, 27825–32, 27834–7, 27858–62, 27864–5, 27867–73, 27880, 27890–2, 27901, 27934–6, 27939–40, 27944, 27950, 28318, 28596, 28963, 29365–6, 31341, 32909, 36361–2

PRICAI '96: artificial intelligence; Cairns, Qld., Australia, 26-30 Aug. 1996, *(Australian Comput. Soc.; Australian Artificial Intelligence Inst.; Australian Tourist Comm.; Continuum; et al)* [Berlin, Germany: Springer-Verlag 1996] 16398, 16658

Printed circuit world convention; Basel, Switzerland, 21-24 May 1996, *(EIPC; IPC; PCIF; IMF; JPCA)* [Basel, Switzerland: Printed Circuit World Convention 1996] 74 (introductory abstract), 9971–2, 9976–7, 10104, 10122–6, 10192, 10224, 11179–80, 11848–50, 11858–64, 11896–913, 11920–85, 12039–40, 12047–8, 14452, 14646, 20199, 20203

Printed circuits; San Jose, CA, USA, 3-7 March 1996, [Northbrook, IL, USA: IPC 1996] 29 (introductory abstract), 130, 320–3, 333, 354, 372, 829–30, 1703, 1767–70, 1772, 1787–821, 1828–39, 1856, 6413, 7513, 10069–70, 10222, 11844, 11852–3, 11877–9, 18979

Process, equipment, and materials control in integrated circuit manufacturing; Austin, TX, USA, 16-17 Oct. 1996, *(SPIE)* [1996] 39494 (introductory abstract), 39690, 40573–4, 41144, 41845, 42362, 42390, 42529–30, 42656–8, 42815–6, 43189–93, 43205–6, 43272, 48328, 48394

Process physics and modeling in semiconductor technology; Los Angeles, CA, USA, 5-10 May 1996, *G.R.Srinivasan, C.S.Murthy, S.T.Dunham (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1996] 39560 (introductory abstract), 40659, 41887–95, 41986, 42049–50, 42241, 42336, 42367, 42411–5, 42608, 42735, 43247, 54011, 54023–6, 54041, 54280, 54338–46, 54418, 54496–7, 54765, 54784

Production and neutralization of negative ions and beams and Production and application of light negative ions; Upton, NY, USA, Oct. 1995, [1996] 36993, 37060–2, 37172–90, 37523

Production economics; Innsbruck, Austria, 21-25 Feb. 1994, [Dec. 1996] 21027

Production, properties and interaction of mesons; Cracow, Poland, 10-14 May 1996, [Nov. 1996] 28050

Propagation aspects of future mobile systems; London, UK, 25 Oct. 1996, [London, UK: IEE 1996] 20430 (introductory abstract), 34062, 35959–63, 35988–92, 36850

Protocols for high speed networks; Sophia Antipolis, France, 28-30 Oct. 1996, *W.Dabbous, C.Diot (editor/s),* [London, UK: Chapman & Hall 1996] 37 (introductory abstract), 5858–63, 5881, 6177–8, 6257, 6326, 6343–5, 7037

Pulsed metal vapour lasers; St. Andrews, UK, 6-10 Aug. 1995, [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 171–8, 2359, 3688–90, 3922, 3950–1, 4163–4, 8105–7, 8423

Quantitative nondestructive evaluation; Seattle, WA, USA, 30 July-4 Aug. 1995, *D.O.Thompson, D.E.Chimenti (editor/s),* [New York, NY, USA: Plenum Press 1996] 30020 (introductory abstract)

Quantum devices and circuits; Alexandria, Egypt, 4-7 June 1996, *(NSF; USARO; Cairo Univ.; IBM; Goldstar Egypt) K.Ismail, S.Bandyopadhyay, J.P.Leburton (editor/s),* [Singapore: World Scientific 1997] 51995 (introductory abstract), 52733, 53263–5, 53628, 54174, 54232–6, 54322, 54555–6, 54567, 54579–80, 54720–7, 55008, 55127, 55726, 56359

Quantum nondemolition measurements; Island of Reichenau, Germany, 27-29 March 1996, [Feb. 1997] 41417, 50242

Quasicrystals; Avignon, France, 22-26 May 1995, *(CNRS; Soc. Nouvelle de Metallisation Ind.; Soc. Pletech; et al)* [Singapore: World Scientific 1995] 10861

Quasielastic neutron scattering; Parma, Italy, 7-8 Sept. 1995, [Aug. 1996] 7844
Radar interferometry; London, UK, 11 April 1997, *(IEE)* [London, UK: IEE 1997] 52005 (introductory abstract), 58474–6, 60035, 60104–6
Radar processing, technology, and applications; Denver, CO, USA, 5-6 Aug. 1996, *(SPIE)* [1996] 9828 (introductory abstract), 24584–8, 25272, 26940–8, 26968, 26991–7006, 27050–1, 28706–7
Radar sensor technology; Orlando, FL, USA, 8-9 April 1996, *(SPIE)* [1996] 11 (introductory abstract), 4398, 6906–8, 6918, 6949–51, 6959–60, 8255, 8346–8, 8662–71, 8691
Radiation cured industrial processes; London, UK, 5 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20389 (introductory abstract)
Radiation effects data workshop; Indian Wells, CA, USA, 19 July 1996, [New York, NY, USA: IEEE 1996] 51936 (introductory abstract), 40941, 41190, 41276, 41476, 42969, 43107, 43254, 43326–8, 44845, 49268–9, 49938–9, 51610
Radiation risk, risk perception and social constructions; Oslo, Norway, 19-20 Oct. 1995, [1996] 9802 (introductory abstract), 18577–80, 19508–9
Radiative corrections; Cracow, Poland, 1-5 Aug. 1996, *(Polish State Committee for Sci. Res.(KBN))* [March-April 1997] 59143
Radio science; Cairo, Egypt, 19-21 March 1996, [New York, NY, USA: IEEE 1996] 51965 (introductory abstract), 52988, 53206–8, 53445, 53487–8, 53567–8, 53601, 53608, 53669–70, 53988, 54699–700, 55150, 55288, 56011–2, 56066, 56140, 56157–9, 56168, 56208–9, 56299, 56483–5, 56518–20, 57050–2, 58112, 58117, 58172–80, 58258, 58426, 58451–2, 58637–8, 59169, 59186, 59483, 60022, 60504, 61087
Radwaste management and environmental remediation; Berlin, Germany, 3-7 Sept. 1995, *(ASME; U.S. DOE)* [New York, NY, USA: ASME 1995] 60482, 60503, 60509
Rapid prototyping; Besancon, France, 10-11 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement)* [1996] 20357 (introductory abstract)
Rapid thermal and integrated processing; San Francisco, CA, USA, 8-12 April 1996, *J.C.Gelpey, M.C.Ozturk, R.P.S.Thakur, A.T.Fiory, F.Roozeboom (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 9840 (introductory abstract), 21294–5, 21312, 21346–8, 22298, 22485–500, 22502–3, 22512, 22531, 22576–9, 22594–5, 22614–9, 22625, 22781, 22915–9, 22973–4, 22979, 23016, 23370, 29636
Rational approximation, orthogonal functions, linear algebra, linear systems and signal processing; Leipzig, Germany, 2-3 Nov. 1996, [13 Jan. 1997] 30554 (introductory abstract), 30545, 30555–60, 30588–9, 30622, 30630, 30660
Real-time computing systems and applications; Seoul, South Korea, 30 Oct.-1 Nov. 1996, *(Korea Inf. Sci. Soc. (KISS); IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Real-Time Syst)* [Los Alamitos, CA, USA: IEEE Computer. Soc. Press 1996] 1272, 5866–8, 5893, 6188–90, 6332, 6397, 8018
Real-time programming '95; Fort Lauderdale, FL, USA, 6-10 Nov. 1995, *(IFAC; IFIP)* [Oxford, UK: Pergamon 1996] 16036, 16303
Real-time systems; L'Aquila, Italy, 12-14 June 1996, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 1483, 5872–3, 6135, 8251, 8264, 25902, 25988, 26106, 26764
Recent advances in remote sensing and hyperspectral remote sensing; Rome, Italy, 27-29 Sept. 1994, *(SPIE; Comm. Eur. Communities; et al)* [1994] 29935 (introductory abstract)
Recent developments in high temperature superconductivity; Wroclaw and Duszniki Zdroj, Poland, 11-15 Sept. 1995, [Berlin, Germany: Springer-Verlag 1996] 13493–4, 19367
Rechargeable zinc batteries; Reno, NV, USA, 21-26 May 1995, [Pennington, NJ, USA: Electrochem. Soc. 1996] 60983–4, 61045–55
Reliability and maintainability; Philadelphia, PA, USA, 13-16 Jan. 1997, [New York, NY, USA: IEEE 1997] 51934 (introductory abstract), 52103–5, 52116–20, 52160–2, 52189, 52300–2, 52342–57, 53393, 53727, 54741, 55452, 57687, 58633, 59858–60, 59878, 59962, 60133, 60167–9, 60452, 60954
Reliability of electron devices, failure physics and analysis; Enschede, Netherlands, 8-11 Oct. 1996, [Nov.-Dec. 1996] 188, 358, 2423–4, 2589–90, 2703, 2788, 4187, 8240
Reliable distributed systems; Nigara-on-the-Lake, Ont., Canada, 23-25 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; IEEE Comput. Soc. Tech. Committee on Oper. Syst.; IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 5690, 5847, 6136, 6319, 6423
Remote sensing for geography, geology, land planning, and cultural heritage; Taormina, Italy, 23-26 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; et al)* [1996] 39505 (introductory abstract)
Remote sensing of propagation environment; London, UK, 19 Nov. 1996, [London, UK: IEE 1996] 20431 (introductory abstract), 34048–51, 36247, 36261, 38050–4, 38165
Remote sensing of vegetation and sea; Taormina, Italy, 23-26 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; Univ. Catania; et al)* [1997] 39508 (introductory abstract)
Rendering tehniques '95; Dublin, Ireland, 12-14 June 1995, [Wien, Austria: Springer-Verlag 1995] 35206
Requirements engineering; Annapolis, MD, USA, 6-10 Jan. 1997, *(IEEE Comput Soc. Tech. Council on Software Eng.; ACM SIGSOFT; IFIP Working Group 2.9)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 26066
Research issues in data engineering; Birmingham, UK, 7-8 April 1997, *(IEEE Comput. Soc. Tech. Committee on Data Engineering (Cat. No.97TB100122)) P.Scheuermann (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 39566 (introductory abstract), 47133, 47366–7
Responsive computer systems; Lincoln, NH, USA, 29 Sept.-1 Oct. 1993, *(U.S. Office of Naval Res.; IEEE Comput. Soc)* [Austin, TX, USA: Univ. Texas at Austin 1993] 25918–9
RF and microwave circuits for commercial wireless applications; London, UK, 13 Feb. 1997, *(IEE)* [London, UK: IEE 1996] 39564 (introductory abstract), 53647–50, 53743, 54742, 57857, 58102–3, 58240, 58499
Risk reduction: internal faults in T&D switchgear; Nottingham, UK, 14 April 1997, *(IEE)* [London, UK: IEE 1997] 52010 (introductory abstract)
Robot and human communication; Tsukuba, Japan, 11-14 Nov. 1996, *(IEEE Ind. Electron. Soc.; Soc. Instrum. & Control Eng.; Robotics Soc. Japan (RSJ); Japan Soc. Mech. Eng. (JSME); New Technol. Found.; Mech. Eng. Lab.; IEEE Robotics & Autom. Soc.; IEEE Neural Networks Council; IEEE R&A Soc. Tech. Committee on Virtual Reality in Robotics; Inst. Electron., Inf. & Commun. Eng.; Inst. Electr. Eng. Japan; Inf. Process. Soc. Japan; Inst. Image Electron. Eng. Japan; Japan Soc. Med. Electron. & Biological Eng.; Japanese Psychological Assoc.; Inst. Telev. Eng. Japan; Japanese Neural Network Soc.; Japan Soc. Fuzzy Theory & Syst.; Japanese Soc. Artificial Intelligence; Japan Ergonomics Res. Soc.; Soc. Biomechanisms)* [New York, NY, USA: IEEE 1996] 24882, 25249, 25784–97, 26072, 26372, 27188, 27689, 28082–3, 28388, 28406–7, 28452–3
Robotics; Swieradow-Zadroj, Poland, 24-26 Sept. 1996, [1996] 5220–4, 7120, 7151–2, 7357, 7420–1, 7576–8, 7587–8, 8575, 9268, 9460, 9629, 9683
Role and control of random events in biological systems; Sigtuna, Sweden, 4-9 Sept. 1995, [Sept. 1996] 15223
Room temperature semiconductor X- and -ray detectors, associated electronics and applications; Grenoble, France, 18-22 Sept. 1995, [1 Oct. 1996] 29968 (introductory abstract), 30689–91, 31003, 31767, 31816–8, 32184, 32358, 33228, 33259, 35173, 36560, 36834, 37070, 37300–55, 37493–504, 37553–65, 37663–7, 37910
RSNA annual meeting; Chicago, IL, USA, 1-6 Dec. 1996, [Nov. 1996] 29943 (introductory abstract)
Runge-Kutta methods; Amsterdam, Netherlands, 8 Dec. 1995, [Nov. 1996] 20302 (introductory abstract), 10525–43, 21169–72
RUR '95: reasoning with uncertainty in robotics; Amsterdam, Netherlands, 4-6 Dec. 1995, [Berlin, Germany: Springer-Verlag 1996] 9814 (introductory abstract), 15271–3, 15867, 17312, 17784
Safety-critical systems; Leeds, UK, 6-8 Feb. 1996, [Berlin, Germany: Springer-Verlag 1996] 20566, 20741–2, 25659
Safety of operating reactors; Seattle, WA, USA, 17-20 Sept. 1995, *(ANS)* [La Grange Park, IL, USA: ANS 1995] 30019 (introductory abstract), 38480–9, 38495, 38522–37, 38541–84
Satellite and terrestrial PCS integration; London, UK, 7 April 1997, *(IEE)* [London, UK: IEE 1997] 52008 (introductory abstract)
Satellite navigation; Paris, France, 1-2 July 1996, [Neuilly sur Seine, France: AGARD 1996] 47 (introductory abstract), 7010–3, 7020, 8263, 8283–5, 8579
Satellite remote sensing and modeling of clouds and the atmosphere; Taormina, Italy, 24 Sept. 1996, *(SPIE; Nat. Res. Council of Italy; Centre Nat. d'Etudes Spatiales; City of Taormina; et al)* [1996] 39502 (introductory abstract)
Satellite systems for European markets; London, UK, 23 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 30003 (introductory abstract), 47847–50, 48089, 48173, 48213, 50229
SBIA '96: AI advances; Curitiba, Brazil, 23-25 Oct. 1996, [Berlin, Germany: Springer-Verlag 1996] 21651, 25669–70, 28074
Scheduling in computer and manufacturing systems; Schloss Dagsthul, Germany, 15-20 May 1995, [25 Oct. 1996] 451
Science and technology of display phosphors; San Diego, CA, USA, 14-16 Nov. 1995, [Dec. 1996] 9812 (introductory abstract), 13817, 13820–9, 17653–4, 17703–4, 54006, 55166, 55410–9, 55436–41, 58943–5
Security protocols; Cambridge, UK, 10-12 April 1996, *M.Lomas (editor/s),* [Berlin, Germany: Springer-Verlag 1997] 39599 (introductory abstract), 56274–85, 56309–10, 57632–3, 57645, 57731
Security systems and nonlethal technologies for law enforcement; Boston, MA, USA, 19-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; Sandia Nat. Lab.; et al)* [1997] 39506 (introductory abstract)
SEHE '95: software engineering in higher education; Alicante, Spain, Nov. 1995, *(Univ. Jaume I, Spain)* [Southampton, UK: Comput. Mech. Publications 1996] 30038–9, 34178, 35501, 35776
SEKE '94: software engineering and knowledge engineering; Jurmala, Latvia, 21-23 June 1994, *(Knowledge Syst. Inst.; Univ. Latvia; Univ. Pittsburgh; IEEE Comput. Soc)* [Skokie, IL, USA: Knowledge Syst. Inst. 1994] 5855–6
SEM-95; Chernogolovaka, Russia, May 1995, [1996] 12076, 12132, 12372, 12848, 13889, 14072, 17180, 17789, 18122
Semiconductor and integrated optoelectronics; Cardiff, UK, 1-3 April 1996, [Cardiff, UK: Univ. Wales 1996] 46 (introductory abstract)
Semiconductor heteroepitaxy; Montpellier, France, 4-7 July 1995, *B.Gil, R.-L.Aulombard (editor/s),* [Singapore: Wrold Scientific 1995] 20308 (introductory abstract), 10698–721, 10845, 12148, 12224–6, 12335–9, 12392–405, 12523, 12634, 12720–1, 12853, 12874–6, 12922, 13226, 13685–7, 13866, 14111, 14278, 17358–9, 21237–47, 22239–42, 22312–7, 22357–71, 23709, 23916–7, 24116
Semiconductor laser; Haifa, Israel, 13-18 Oct. 1996, *(IEEE Lasers & Electro-Opt. Soc)* [New York, NY, USA: IEEE 1996] 30022 (introductory abstract), 44061, 44563–88, 44746, 44900, 48021, 55423, 55603–52, 55749, 55765, 58283–7, 58740
Semiconductor optical microcavity devices and photonic bandgaps; London, UK, 5 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 29976 (introductory abstract), 33102, 33309–11
Semiconductor thermal measurement and management; Austin, TX, USA, 28-30 Jan. 1997, *(IEEE Components, Packaging, & Manuf. Technol. Soc)* [New York, NY, USA: IEEE 1997] 52001 (introductory abstract), 52273–90, 53351, 53878–9, 55739, 59952
Sensors and microsystems; Rome, Italy, 19-20 Feb. 1996, *C.Di Natale, A.D'Amico (editor/s),* [Singapore: World Scientific 1996] 51996 (introductory abstract), 52829, 52923, 53825, 55009, 58673, 58719–33, 58764–6, 58823, 58850, 58863–7, 58884–900, 59377, 59396, 59544, 60091–2, 60119, 61309
SF6 and vacuum switchgear; Nottingham, UK, 16 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20341 (introductory abstract), 38906–11, 39307
Shape modelling and applications; Aizu-Wakamatsu, Japan, 3-6 March 1997, *(Univ. Aizu; Comput. Graphics Soc. ACM/SIGGRAPH)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 39600 (introductory abstract), 41358, 46501–5
Shape optimal design, theory, application and software; Warsaw, Poland, 3-14 July 1995, [1996] 28204
Si heterostructures; Heraklion, Greece, 11-14 Sept. 1995, [Aug. 1996] 880, 1978–9, 2085, 2111–3, 2160–74, 2237, 2578, 2599–600, 2663–4, 2715, 2729, 3620, 3640, 7346
SiO_2 and its defects; Caen, France, 12-14 June 1995, *(CEA; CNET; CNRS)* [Dec. 1996] 32139, 33673
SIGDOC '96: computer documentation; Research Triangle, NC, USA, 20-23 Oct. 1996, *(ACM SIGDOC)* [New York, NY, USA: ACM 1996] 20453–4, 26146–8
SIGGRAPH '96: computer graphics; New Orleans, LA, USA, 4-9 Aug. 1996, *(ACM)* [New York, NY, USA: ACM 1996] 14792, 15492–5
Signal processing for microwave applications; London, UK, 29 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20388 (introductory abstract), 21895, 21979–81, 25250
Signals, systems and computers; Pacific Grove, CA, USA, 30 Oct.-2 Nov. 1995, *(Naval Postgraduate School; San Jose State Univ.; IEEE Signal Process. Soc) A.Singh (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 61 (introductory abstract), 102, 415, 580, 603, 609, 1071, 1217–9, 1266–71, 1317–20, 1480–1, 1505–6, 1525, 1551, 1575, 1607–9, 1619–21, 1632, 1677, 3228, 3446, 4264, 4437, 4443, 4500–2, 4622, 4787–821, 4865–909, 5328–40, 5550–9, 5697–701, 5704–9, 5813–4, 5816–8, 5883, 6187, 6488–90, 6627–8, 6654–69, 6869, 6916–7, 6921–2, 6965, 6990–4, 7431, 7875, 8037–9, 8075, 8416–7, 8476, 11463–4, 11580, 14777–9, 14793, 14875–83, 15175–99, 15505–18, 16003, 16526, 16567–8, 16841–7, 16884–8, 16977–80, 18523, 18779, 18953, 18980
Silicon fabricated inertial instruments; London, UK, 2 Dec. 1996, *(IEE)* [London, UK: IEE 1996] 20385 (introductory abstract), 23094–6, 27545–50
Silicon-on-insulator technology and devices; Los Angeles, CA, USA, 5-10 May 1996, *P.L.F.Hemment, S.Cristoloveanu, K.Izumi, T.Houston, S.Wilson (editor/s),* [Pennington, NJ, USA: Electochem. Soc. 1996] 29948 (introductory abstract), 40866, 41133, 42288–310, 42356, 42625, 42983–94, 43258–63, 44305
Simulation of semiconductor processes and devices; Tokyo, Japan, 2-4 Sept. 1996, *(Japan Soc. Applied Phys.; IEEE Electron Devices Soc.; Inst. Electron. Commun. & Inf. Eng.; IEEE Electron Devices Tokyo Chapter)* [Tokyo, Japan: Japan Soc. Appl. Phys. 1996] 9791, 10013, 10575, 10862, 11078, 11182, 11449–50, 11696, 12158–62, 12250, 12262, 12575, 12617, 12620, 12644–8, 12671, 12740–3, 12778, 12814, 12843, 12856–61, 12864–7, 12880, 12903, 12954–60, 12971–8, 13024, 13030–2, 13049, 13099, 13101–11, 13137, 13149, 14524, 17383

Simulation symposium; Atlanta, GA, USA, 7-9 April 1997, *(SCS)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 52948–52, 53194, 57672, 57849, 59998

Simulators international XII; Phoenix, AZ, USA, 9-13 April 1995, *(SCS)* [San Diego, CA, USA: SCS 1995] 89–90, 8639, 8717–24, 8995–9000, 9008, 9049–56, 9080–4

Sizewell B - the first cycle; London, UK, 28-30 Oct. 1996, [London, UK: IEE 1996] 48 (introductory abstract), 9014–38

Small wind power systems; London, UK, 23 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20345 (introductory abstract), 28817, 28994, 29180–6

Smart materials technologies and biomimetics; San Diego, CA, USA, 26 Feb.-2 March 1996, *(SPIE; ASME; SEM; US Arby Res. Office; ARPA)* [1996] 852, 955–62, 1002, 1844, 2930, 2997, 3522–3, 4993, 7260–2, 7372, 7437–40, 7494, 7502

Smart sensing, processing, and instrumentation; San Diego, CA, USA, 26-28 Feb. 1996, *(SPIE; ASME; Soc. Experimental Mech.; U.S. Army Res. Office)* [1996] 965, 1013, 7302–4, 7386–8, 7681, 10988, 11019–21, 17197, 17225, 17322–4, 17398–408, 17451–7, 18210, 18493, 18531–3, 18597, 18658, 20152, 20186

Smart structures and integrated systems; San Diego, CA, USA, 26-29 Feb. 1996, *(SPIE; ASME; Soc. Exp. Mech. Eng.; Soc. Experimental Mech.; et al)* [1996] 349, 963–4, 1012, 3007–11, 7298–301, 8235

SOFSEM '96: theory and practice of informatics; Milovy, Czech Republic, 23-30 Nov. 1996, *(ApS Brno s.r.o.; Digitl Equipment s.r.o.; Eur. Res. Consortium for Inf. & Math.; et al)* [Berlin, Germany: Springer-Verlag 1996] 46270, 47036

Soft computing in intelligent systems and information processing; Kenting, Taiwan, 11-14 Dec. 1996, *(Nat. Taiwan Univ.; Minst. Educ., Taipei; Nat. Sci. Council, Taiwan; Int. Fuzzy Syst. Assoc.; Japan Soc. of Fuzzy Theory & Syst.; Berkley Initiative of Soft Comput.; Center for Fuzzy Logic & Intelligent Syst. Res., USA; Chiang's Ind. Charity Found., Hong Kong; IEEE Neural Netowrk Council; Kao Yuan Junior College of Technol. & Commerce, Taiwan; Ind. Technol. & Res. Inst., Taiwan; Electron. Res. & Service Organ.; Opto-Electron. & Syst. Lab.; Center for Aviation & Space Technol.; Mech. Ind. Res. Lab.; Inst. Inf. Ind.; SYNOPSYS, Taiwan Branch; Holtek Microelctron., Taiwin; Axon Technol. Company, Taiwan; Chinese Soc. Autom. & Technol., Taiwan; IEEE Control Syst. Soc., Taipei Chapter; Inst. Inf. & Comput. Machinery, Taiwan; Adv. Control Technol. Group , TLIRI, NTU, Taiwan; Tjing Ling Ind. Res. Inst., NTU, Taiwan)* [New York, NY, USA: IEEE 1996] 39670, 39709, 39978, 40005, 40058, 40104, 40874, 45836, 46201, 47680, 47858, 49480–2, 49769, 50402, 51077

Soft computing in remote sensing/data analysis; Milan, Italy, 4-5 Dec. 1995, *E.Binaghi, P.A.Brivio, A.Rampini (editor/s),* [Singapore: World Scientific 1996] 51967 (introductory abstract), 57067–79, 58453, 60095–7

Soft magnetic materials; Krakow, Poland, 12-14 Sept. 1995, [July 1996] 20370 (introductory abstract), 21845, 21995, 21997–8, 23299–333, 23343–6, 23348, 23351–3, 23376–86, 23602, 24362, 24382, 24386, 27506, 27842–53, 27931, 29318, 29326, 29370, 32805, 36855, 38782

Software reliability engineering; White Plains, NY, USA, 30 Oct.-2 Nov. 1996, *(IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 5927, 6191–3

SOI; Sanibel Island, FL, USA, 30 Sept.-3 Oct. 1996, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1996] 9837 (introductory abstract), 11440, 11455, 11573, 11745, 12592–6, 12801–2, 12993–3006, 13143–7, 13150, 21500, 21568–9, 21661–3, 21761, 21918, 21945, 22456–62, 22510–1, 22528–9, 22552–6, 22809–22, 22910–1, 22940, 22963–72, 23005

Solar wind eight; Dana Point, CA, USA, 25-30 June 1995, *(NASA; NSF; COSPAR)* [1996] 25591, 34052, 34063–4

Solid modeling and applications; Salt Lake City, UT, USA, 17-19 May 1995, *(ACM SIGGRAPH; IEEE Comput. Soc)* [New York, NY, USA: ACM 1995] 30665, 35060

Solid-state circuits; San Francisco, CA, USA, 8-10 Feb. 1996, [Dec. 1996] 11200, 11227, 11535–43, 11549, 11569–70, 11610, 11734, 16481, 16486, 16550, 16627–8, 17337–8, 17538–40, 26417, 26425, 26526, 27650

Solid state devices and materials; Yokohama, Japan, 26-29 Aug. 1996, [March 1997] 51983 (introductory abstract), 52642, 52747, 52753, 52791, 52819, 53285, 54293–4, 54301–2, 54422–4, 54445–9, 54525–7, 54565, 54576, 54650–2, 54665–73, 54702, 54894–5, 54943, 55006, 55350, 55403, 55434, 55475, 58761

Solid state dosimetry; Budapest, Hungary, 10-14 July 1995, *(Bubble Technol. Ind.; Harshaw/Bicron Technol. Vertriebs-GmbH; Hungarian Acad. Sci.; et al)* [1996] 7789–92, 7823–6, 8192–203

Solid state ionics; Singapore, 3-8 Dec. 1995, [July 1996] 20327 (introductory abstract), 21326, 21377–8, 21993, 22270, 23586–7, 27527–35, 27748–59, 27970–1, 29557–61, 29580–95, 29612–28, 36738, 36960

Solid-state sensors and actuators; Stockholm, Sweden, 25-29 June 1995, [June 1996] 10693–4, 10923, 11013, 12146–7, 12685, 12717, 12834, 13156–77, 13183, 13225, 13448, 13640, 17255–65, 17340–3, 17356–7, 17414, 17556, 17559–69, 17572, 17583–92, 17774, 17793, 18087, 18132, 18149, 18181, 18230–1, 18415, 18930, 19768, 19929–31, 20196, 21337, 23023–4, 27434, 27456–63, 27652, 27696–701, 27711–22, 27963

Solidification and gravity; Miskolc, Hungary, 25-28 April 1995, [1996] 10583–4

Sources and detection of dark matter in the Universe; Santa Monica, CA, USA, 14-16 Feb. 1996, [Nov. 1996] 36582, 37468–72

SPAA '96: parallel algorithms and architectures; Padua, Italy, 24-26 June 1996, *(ACM SIGACT; ACM SIGARCH; EATCS)* [New York, NY, USA: ACM 1996] 26144

Space charge dominated beams and applications of high brightness beams; Bloomington, IN, USA, 10-13 Oct. 1995, [1996] 9822 (introductory abstract), 17895–7, 18022–52

Space optics; Garmisch-Partenkirchen, Germany, 18-21 April 1994, *(SPIE; Comm. Eur. Communities; CNES; EOS)* [1994] 20390 (introductory abstract)

Space processing of materials; Denver, CO, USA, 4-5 Aug. 1996, *(SPIE)* [1996] 20396 (introductory abstract)

Space sciencecraft control and tracking in the new millennium; Denver, CO, USA, 6-8 Aug. 1996, *(SPIE)* [1996] 55322, 58257, 58292, 58783, 58994, 59861, 59873–4, 59881–92, 59963, 60062, 60094

Space-time variability and dynamics of rainfall; Elounda, Greece, 14-16 June 1995, [27 Nov. 1996] 38070–6

Spacecraft structures, materials and mechanical testing; Noordwijk aan Zee, Netherlands, 27-29 March 1996, *(CNES; Deutsche Agentur fur Raumfahrt-Angelegenheiten)* [Paris, France: ESA 1996] 20417 (introductory abstract)

Specification, production, and testing of optical components and systems; Glasgow, UK, 13-16 May 1996, *(SPIE; Corning France; Essilor Int.; Glasgow Dev. Agency; et al)* [1996] 157, 182, 831, 889, 2025, 3322–3, 3376, 3391, 3430, 3447–8, 3529, 3556, 3570, 3758–9, 3789, 3936–7, 3940, 3955–6, 6814, 7379, 7570–4, 7636–40, 8350, 8678

Spectroscopy and structure of rare earth systems; Polanica Zdroj, Poland, 24-29 March 1996, [July 1996] 3735, 3971, 13814–5, 14028–30, 14045

Speech communication; Frankfurt am Main, Germany, 17-18 Sept. 1996, [1996] 29987, 34660–87

Speech under stress; Lisbon, Portugal, 15 Sept. 1995, [Nov. 1996] 20325 (introductory abstract), 24824–9

Spent fuels; Uberlingen, Germany, 18-20 Sept. 1995, [Oct. 1996] 38513–4

SSPR '96: structural and syntactic pattern recognition; Leipzig, Germany, 20-23 Aug. 1996, *P.Perner, P.Wang, A.Rosenfeld (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 9833 (introductory abstract), 15027–9, 15276, 15882–95, 18306

Statistical and stochastic methods for image processing; Denver, CO, USA, 4-5 Aug. 1996, *(SPIE)* [1996] 9826 (introductory abstract), 14576, 15316–7, 15925–35, 16902–3, 18211, 18912, 25259–61, 26990, 27090, 28061–2, 28086

Statistical physics; Xiamen, China, 31 July-4 Aug. 1995, *(Assoc. Asia Pacific Phys. Soc.; Chinese Phys. Soc.; ICTP; IUPA)* [Singapore: World Scientific 1996] 10420

Statistical signal and array processing; Corfu, Greece, 24-26 June 1996, *(IEEE Signal Process. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 32 (introductory abstract), 4412, 4455, 4662–90, 5676, 5804–5, 6442–8, 6511–3, 6878, 6987

STeP '96: genes, nets and symbols; Vaasa, Finland, 20-23 Aug. 1996, [Vaasa, Finland: Univ. Vaasa 1996] 52172, 57739

STOC '95: theory of computing; Las Vegas, NV, USA, 29 May-1 June 1995, *(ACM SIGACT)* [New York, NY, USA: ACM 1995] 30487, 30567, 30593, 31035, 31186, 34493, 34540–3, 35374, 35398, 35480, 35498–500, 35522

Storage and retrieval for image and video databases; San Jose, CA, USA, 13-14 Feb. 1997, *(SPIE; Soc. Imaging Sci. & Technol)* [1997] 51979 (introductory abstract), 56346, 57335–47, 58016, 58561, 58588–9

Strangeness in hadronic matter; Budapest, Hungary, 15-17 May 1996, *(Hungarian Acad. Sci.; Hungarian Nat. Sci. Fund; Nat. Committee for Technolog. Dev.; et al)* [1996] 59196

Structural analysis in microelectronic and fiber optic systems; San Francisco, CA, USA, 12-17 Nov. 1995, *(ASME) E.Suhir (editor/s),* [New York, NY, USA: ASME 1995] 40 (introductory abstract), 10090–9, 10106, 10928, 11888, 12022, 13577, 16520

Structure in complexity theory; San Diego, CA, USA, 18-21 May 1993, *(IEEE; Boston Univ.; ACM; EATCS)* [Oct. 1996] 473

Studio workstations and networking; London, UK, 26 Nov. 1996, [London, UK: IEE 1996] 20434 (introductory abstract), 36310–2, 36327–9

Subscriber loops and services; Melbourne, Vic., Australia, 4-9 Feb. 1996, [Milsons Point, NSW, Australia: Inst. Radio & Electron. Eng. Australia 1996] 29945 (introductory abstract), 46843–4, 46904, 47225–7, 47322–8, 47403–30, 47432, 47596–8, 47892, 47910–1, 48225, 48235–6, 48238, 49380

Subsecond thermophysics; Koln, Germany, 27-29 June 1995, [Sept. 1996] 7116, 7610

Subsystem integration for tactical missiles and design and operation of unmanned air vehicles; Ankara, Turkey, 9-12 Oct. 1995, [Neuilly-Sur-Seine, France: AGARD 1996] 20426 (introductory abstract)

Supercomputing; Barcelona, Spain, 3-7 July 1995, *(ACM)* [New York, NY, USA: ACM 1995] 52986–7

Superconductivity in particle accelerators; Hamburg, Germany, 17-24 May 1995, *S.Turner (editor/s),* [Geneva, Switzerland: CERN 1996] 30027 (introductory abstract)

Surface analysis; Ann Arbor, MI, USA, 12-14 June 1996, *(American Vacuum Soc)* [Feb. 1997] 54464, 58882

Surface and thin film structures; Spala, Poland, 23-26 Oct. 1995, [1996] 690–3, 1964, 2133–4, 2261–3, 2338, 2702, 3645, 3813–7, 3916–7, 3980, 7466

Surface mount international 1996; San Jose, CA, USA, 10-12 Sept. 1996, *(Electron. Ind. Assoc.; Inst. Interconnecting & Packageing Electron. Circuits; Surface Mount Technol. Assoc.; Miller Freeman)* [Edina, MN, USA: Surface Mount Technol. Assoc. 1996] 9834 (introductory abstract), 20744, 20761–4, 20860–9, 20883–904, 20930–1, 20940–6, 20977, 20986, 20997, 21445, 21991, 21996, 22018–9, 22023–4, 22030–45, 22050–66, 22071–3, 22082–5, 22103, 23499, 27568

Surface physics; Polanica Zdroj, Poland, 10-14 June 1996, [March-April 1997] 53931, 54215, 54257

Surface X-ray and neutron scattering; Lake Geneva, WI, USA, 25-30 June 1995, [April 1996] 10818, 12283

Surfaces, vacuum, and their applications; Cancun, Mexico, Sept. 1994, [1996] 740–1, 849–50, 1913, 1967–8, 2005–9, 2057–8, 2066–8, 2103, 2140–1, 2227, 2289, 2311–2, 3016, 3919, 7467–8, 7622, 9535–6

Surveillance and assessment technologies for law enforcement; Boston, MA, USA, 19-20 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; et al)* [1997] 39510 (introductory abstract), 46059, 48162, 48652–5, 50248–9

Swiss Physical Society autumn meeting; Zurich, Switzerland, 10 Oct. 1996, [1996] 55981

Symbolic computation, IMACS symposium; Lille, France, 14-17 June 1993, *(IMACS-AICA)* [Nov. 1996] 21014–5, 21024, 21068, 21125, 21152, 21164, 29875

Synthesis and properties of mechanically alloyed and nanocrystalline materials; Rome, Italy, 20-24 May 1996, *(Nat. Agency for Energy, Environ. & New Technol.; Nat. Res. Council)* [1997] 55036

Synthetic aperture radar; Konigswinter, Germany, 26-28 March 1996, *(EUREL; URSI; DGON; IEEE)* [Berlin, Germany: VDE-Verlag 1996] 9830 (introductory abstract), 14762–3, 16864–78, 16907–67, 17745, 18813–6, 19023–5, 26954–60, 26971, 27011–45, 27055–8, 28595, 28647, 28709, 28715

SysComms UK; Liecester, UK, 5-6 Nov. 1996, *(Control Syst. & Micro Technol)* [Titchfield, UK: GGH Marketing Commun. 1996] 51969 (introductory abstract), 53326, 57646, 57887–9

System synthesis; Cannes, France, 13-15 Sept. 1995, *(IEEE Comput. Soc. Tech. Committee on Design Autom.; ACM SIGDA; IFIP Workgroup 10.25)* [March 1997] 31162–3, 31271, 31325–8

System theory; Cookeville, TN, USA, 9-11 March 1997, *(Tennessee Technol. Univ. Dept. Electr. & Comput. Eng.; IEEE Comput. Soc.; IEEE Control Syst. Soc.; Center for Manuf. Res., Tennessee Technol. Univ.; Center for Electr. Power, Tennessee Technol. Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 39547 (introductory abstract), 39619, 39788, 40875, 41045–8, 41302–3, 41565, 41647–8, 41813, 42528, 42948, 43270, 45489, 45579, 45837–41, 46202–7, 46537, 47070–1, 47502–3, 47944, 48044–9, 48090–2, 49854, 49947, 50260, 50267, 50277–80, 50403, 50538–43, 50776, 50986, 51037, 51126

Systems, man and cybernetics; Beijing, China, 14-17 Oct. 1996, *(Tsinghua Univ)* [New York, NY, USA: IEEE 1996] 20567, 20785, 20794–5, 20812, 20972, 20994, 21012, 21021, 21032–7, 21039–40, 21042, 21052, 21054, 21062–3, 21071, 21080–1, 21087–9, 21092–3, 21098–9, 21128–9, 21429, 21712, 21850, 22909, 22929, 24385, 24655, 24679, 24817, 24927–30, 25161–4, 25327–54, 25503–9, 25585–8, 25672–83, 25848, 26023, 26065, 26101, 26104–5, 26348, 26359–61, 26604, 26961, 27112, 27155, 27498, 27655, 27680, 27798, 27893, 27902–4, 28069, 28135, 28202–3, 28319, 28346–7, 28367, 28394–5, 28400, 28449, 28563, 28585, 28791–3, 28847, 28868, 28991–3, 29073, 29079, 29131, 29207, 29513, 29873, 29914

Systems synthesis; La Jolla, CA, USA, 6-8 Nov. 1996, *(IEEE Comput. Soc.; ACM SIGDA; IFIP 10.5)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 1080 (introductory abstract), 1081–8, 1322–6

Tactical communications; Fort Wayne, IN, USA, 30 April-2 May 1996, *(Defense Adv. Res. Projects Agency)* [New York, NY, USA: IEEE 1996] 51931 (introductory abstract), 56457–8, 57602–3, 57993, 58046, 58096–101, 58150–2, 58416, 60136–54

Tactile displays; London, UK, 21 Jan. 1997, *(IEE)* [London, UK: IEE 1996] 29997 (introductory abstract)

Target tracking and data fusion; Malvern, UK, 6-7 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20339 (introductory abstract), 26987–9, 27083–4, 27106–7, 27544, 27688, 28588, 28720, 34743–4, 36246

Targets and backgrounds: characterisation and representation; Orlando, FL, USA, 8-10 April 1996, *(SPIE)* [1996] 20319 (introductory abstract)

Tau/charm factory; Argonne, IL, USA, 21-23 June 1995, [1996] 9758 (introductory abstract), 17878–83, 17900, 18081, 18138

TDMA techniques and applications; London, UK, 28 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20344 (introductory abstract), 35902, 35950–8

Teaching of mathematics for engineering; London, UK, 5 March 1997, *(IEE)* [London, UK: IEE 1997] 51943 (introductory abstract), 52053–63

Technologies for synthetic environments: hardware-in-the-loop testing; Orlando, FL, USA, 9-11 April 1996, *(SPIE)* [1996] 20318 (introductory abstract), 27645, 28502–26, 28530–6, 28702–5

Technology in medicine; London, UK, 7 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 66 (introductory abstract), 18166–7, 18186, 18252–3, 18481–4

Technology of fusion energy; Reno, NV, USA, 16-20 June 1996, [Dec. 1996] 20406 (introductory abstract), 22177–8, 23873–4, 24047, 24387, 29436–7

Telecommunication networks interconnection; London, UK, 6 March 1997, *(IEE)* [London, UK: IEE 1997] 51946 (introductory abstract), 57674, 57694–9, 57737–8, 57758, 57890, 58189

Telecommunications energy; Boston, MA, USA, 6-10 Oct. 1996, *(Power Electron. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 39576 (introductory abstract), 39799–800, 40917–8, 41545, 50338–42, 50438–9, 50498, 50501, 50566, 50625, 50665–9, 50807, 51203–16, 51274–328, 51461–72, 51475–93, 51558, 51630–1

Telemetering; Las Vegas, NV, USA, 30 Oct.-2 Nov. 1995, *(Int. Found. Telemetering)* [Research Triangle, NC, USA: ISA 1995] 25 (introductory abstract), 1615, 4344, 4376, 4401–3, 4489, 5530, 6023–47, 6676, 6691–2, 6706, 7019, 7026, 7104, 7199, 7201–9, 7218, 8233–4, 8236–9, 8260–1, 8266–8, 8271, 8276, 8286–91, 8470, 8504, 8629–31, 8633–6, 8706–7, 8715, 16238, 16641, 16656, 16997–9, 17223, 17267, 18599, 18610, 18755, 18820, 18998, 19002

Terahertz technology and applications; London, UK, 10 April 1997, *(IEE)* [London, UK: IEE 1997] 52012 (introductory abstract), 53634–6, 53698, 55740, 58522, 58856, 58974

Terrorism and counterterrorism methods and technologies; Boston, MA, USA, 20-21 Nov. 1996, *(SPIE; NIST; Office of Nat. Drug Control Policy; Oak Ridge Nat. Lab.; et al)* [1997] 39503 (introductory abstract)

Therapeutic radiology and oncology; Los Angeles, CA, USA, 27-30 Oct. 1996, [1996] 20367 (introductory abstract)

Thermal behaviour, intelligent diagnostics and supervising of machining systems; Karpacz, Poland, 10-15 March 1996, [1996] 39513 (introductory abstract), 39697, 39756, 48971

Thermal investigations of ICs and microstructures; Grenoble, France, 25-26 Sept. 1995, [15 July 1996] 29941 (introductory abstract), 32569–70, 36375, 36466–70, 36552, 36731, 37638

Thermal phenomena in electronic systems; Orlando, FL, USA, 29 May-1 June 1996, *(K-16 Committee on Heat Transfer in Electron. Equipment, Heat Transfer Div., ASME; Electron. Packag. Div., ASME; Components, Packag. & Manuf. Technol. Soc. IEEE; NIST, U.S. Dept. Commerce)* [New York, NY, USA: IEEE 1996] 38 (introductory abstract), 179–80, 253–93, 675, 1758, 1765, 1783, 1850, 3491

Thermodynamics and kinetics of phase transformations; Boston, MA, USA, 27 Nov.-1 Dec. 1995, [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 52593–4, 52681, 52743, 52806, 52845, 54027, 54043, 54390, 54430–1, 54541

Thermoelectrics; Pasadena, CA, USA, 26-29 March 1996, *(Int. Thermoelectr. Soc.; IEEE; Components, Packaging, & Manuf. Technol. Soc., IEEE; Thermoelectr. Group, Jet Propulsion Lab./Cal Tech; U.S. Office of Naval Res.; U.S. DOE)* [New York, NY, USA: IEEE 1996] 29990 (introductory abstract), 30326–7, 30708–12, 30909, 30948–50, 30956–7, 30965, 30981, 30992, 31118, 31736–41, 31844, 31881, 31903–20, 31926–31, 31963, 32043–7, 32075, 32093, 32151, 32159, 32898–9, 32901, 36546, 36585, 36958, 37584, 38020, 38664, 39229, 39232–52, 39361, 39436–8, 39475

Thermosense XVIII; Orlando, FL, USA, 10-12 April 1996, *(SPIE)* [1996] 20315 (introductory abstract)

TICAM symposium; Austin, TX, USA, April 1995, [5 Nov. 1996] 539–40, 584–5, 616–7, 649

Time-frequency analysis of biomedical signals; London, UK, 29 Jan. 1997, *(IEE)* [London, UK: IEE 1997] 30000 (introductory abstract), 49400–1, 49533–5, 49695

Time-frequency and time-scale analysis; Paris, France, 18-21 June 1996, *(IEEE Signal Process. Soc.; CNRS)* [New York, NY, USA: IEEE 1996] 39518 (introductory abstract), 31397–8, 34172, 34528, 34633–4, 34708–9, 34899–961, 35358–67, 35396, 36259, 36304, 36354, 37615, 37763–5, 37833–7, 38042, 40708, 45648–9, 45764–82, 46527, 46660, 47523, 48041–2, 48135–6, 48192, 48924, 49381, 49607, 50090, 50250, 50531, 50885–6

TMI '95: machine translation; Leuven, Belgium, 5-7 July 1995, [Leuven, Belgium: Katholieke Univ. Leuven 1995] 56373

Tools with artificial intelligence; Toulouse, France, 16-19 Nov. 1996, *(IEEE Comput. Soc.;Center for Intelligent Syst., Binghamton Univ.; INRIA, France)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 5436

Towards a modern information infrastructure; Stuttgart, Germany, 18-19 Feb. 1997, [1997] 51959 (introductory abstract), 57680, 57719–20, 57741–3, 57872, 57903, 57978, 57980–1, 58030, 58042, 58093, 58194–7, 58371

Traffic and process simulation; Geneva, Switzerland, 20 Sept. 1996, [Dec. 1996] 35560

Transducer materials and transducers workshop; Malvern, UK, 31 Aug.-1 Sept. 1995, [1996] 39589 (introductory abstract), 40513, 40731, 41506, 43492–3, 43500, 43592–5, 43643–4, 48490–3, 50244–5, 51436

Transmission and distribution; Los Angeles, CA, USA, 15-20 Sept. 1996, [New York, NY, USA: IEEE 1996] 39 (introductory abstract)

TreDS '96: distributed systems; Aachen, Germany, 1-2 Oct. 1996, [Berlin, Germany: Springer-Verlag 1996] 25958, 26206–7, 26356–8

Trends in nuclear physics; Zakopane, Poland, 3-11 Sept. 1996, [Jan.-Feb. 1997] 49312, 49345

TRI-Ada '96: Ada programming; Philadelphia, PA, USA, 3-7 Dec. 1996, *(ACM; Software Eng. Inst.; Defense Inf. Syst. Agency)* [New York, NY, USA: ACM 1996] 58247

TRON project; Tokyo, Japan, 4-7 Dec. 1996, *(TRON Assoc.; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 20448, 26340, 26399, 28431, 28450

TYPES '95: types for proofs and programs; Torino, Italy, 5-8 June 1995, [Berlin, Germany: Springer-Verlag 1996] 1273

UK broadcast manufacturers - pioneering years; London, UK, 5 March 1997, *(IEE)* [London, UK: IEE 1997] 58542–5, 58563–6

Ultrafast phenomena in semiconductors; Vilnius, Lithuania, 5-7 Sept. 1995, *(Semicond. Phys. Inst.; Open Soc. Fund-Lithuania; Lithuanian Acad. Sci.; Eur. Comm)* [1995] 1902, 1999

Ultrasonics; Seattle, WA, USA, 7-10 Nov. 1995, *(IEEE Ultrasonics, Ferroelectr. & Frequency Control Soc)* [New York, NY, USA: IEEE 1995] 18305, 18346–73, 18518–9, 23268, 28104–34, 28180–201, 28413–22, 28682, 28689, 28693

Ultraviolet atmospheric and space remote sensing: methods and instrumentation; Denver, CO, USA, 7-8 Aug. 1996, *(SPIE)* [1996] 39498 (introductory abstract)

Uncertainties in measurement; London, UK, 10 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 65 (introductory abstract), 9992, 14623, 17135–6

Uncertainty in AI; Portland, OR, USA, 1-4 Aug. 1996, *(Hugin Expert A/S; Inf. Extraction & Transp.; Knowledge Ind.; Microsoft Res.; et al)* [San Francisco, CA, USA: Morgan Kaufmann Publishers 1996] 429, 456, 1275, 4415, 8822

Universal personal communications; Cambridge, MA, USA, 29 Sept.-2 Oct. 1996, [New York, NY, USA: IEEE 1996] 39541 (introductory abstract), 45130, 45504, 45509–15, 45600, 45612–4, 45641, 45811, 45898, 46269, 46535–6, 46545–6, 46569–73, 46623, 46662–7, 46671–3, 46730, 46774–5, 46782, 46869, 47054–6, 47130–2, 47156–9, 47296–300, 47457, 47527–39, 47551, 47554–5, 47624–76, 47716–35, 47749–96, 47825, 47857, 47870–4

Uranium and nuclear energy; London, UK, Sept. 1996, [London, UK: Uranium Inst. 1996] 20425 (introductory abstract)

USENIX electronic commerce; Oakland, CA, USA, 18-21 Nov. 1996, *(USENIX Assoc.; Univ. California Berkley)* [Berkeley, CA, USA: USENIX Assoc. 1996] 45563–5, 46716–20, 47037

Utilization of ultrasonic methods in condensed matter; Zilina, Slovakia, 30 Aug.-2 Sept. 1995, [Dec. 1996] 22451, 23163, 23256, 23603–4, 28683–4

Vacuum congress and solid surfaces conference. IVC-13/ICSS-9; Yokohama, Japan, 25-29 Sept. 1995, [1 Aug. 1996] 338, 2000–1, 2222, 2482–3, 2619, 2859, 3204, 3627

Vacuum electron sources; Eindhoven, Netherlands, 1-4 July 1996, *(Eindhoven Univ. Technol.; Philips Display Components; Philips Res.; Naval Res. Lab.; et al)* [Feb. 1997] 51958 (introductory abstract), 41732, 41751–65, 41770–2, 41777–9, 41802, 41805, 41808–10, 53899–915, 53928–30, 53956

Vacuum microelectronics; St. Petersburg, Russia, 7-12 July 1996, [March-April 1997] 53936–43, 53957–68, 54320, 54442, 55407, 58925–30

Variable structure systems; Tokyo, Japan, 5-6 Dec. 1996, *(IEEE Ind. Electron. Soc.; Inst. Ind. Sci., Univ. Tokyo; IFAC; IEEE Control Syst. Soc.; Soc. Instrum. & Control Eng.; Inst. Electr. Eng. Japan; Japan Soc. Mech. Eng.; Inst. Syst., Control & Inf. Eng)* [New York, NY, USA: IEEE 1996] 31120, 38746, 38893, 39287–8

VBC '96: visualisation in biomedical computing; Hamburg, Germany, 22-25 Sept. 1996, [Berlin, Germany: Springer-Verlag 1996] 15988–95, 18217–20, 18376–401, 18502, 18520

Verilog HDL; Santa Clare, CA, USA, 31 March-2 April 1997, *(Open Verilog Int.; Electron. Ind. Assoc., Japan)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 52976–7, 53226, 53462

Vertex detectors; Chia, Italy, 16-21 June 1996, *(INFN; Univ. Studi di Cagliari; et al)* [11 Feb. 1997] 51985 (introductory abstract), 59226–53, 59319–20

Vibration measurement by laser techniques: advances and applications; Ancona, Italy, 23-25 Sept. 1996, *(AEA; Alfa Romeo; Dayco; Consiglio Nat. Res.; Azienda Petrolifera Italiana; et al)* [1996] 51951 (introductory abstract), 39886, 48628, 48904, 48928–9, 48935–48, 49402, 49540, 50671, 50782, 50813, 52893, 55934, 58454, 58586, 58668–9, 58690–2, 58782, 59024–8, 59030–5, 59457, 60501, 60817, 61257

Vibrations at surfaces; Birmingham, UK, 23-27 June 1996, [10 Dec. 1996] 32203

Video techniques and software for full-service networks; Boston, MA, USA, 21 Nov. 1996, *(SPIE)* [1997] 29982 (introductory abstract), 39733, 46209–16, 46736, 47073–5, 47339–41, 47483, 47957

Virtual MBE; Malibu, CA, USA, 15-17 June 1995, [Aug. 1996] 714

Virtual reality; Albuquerque, NM, USA, 1-5 March 1997, *(IEEE Comput. Soc. Tech Committee on Comput. Graphics; IEEE Neural Networks Council Virtual Reality Tech. Committee)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 45578, 47064, 48778–80

Vision geometry; Denver, CO, USA, 6-7 Aug. 1996, *(SPIE)* [1996] 17 (introductory abstract), 534, 4994–5012

Vision systems: applications; Besancon, France, 13 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement; et al)* [1996] 29937 (introductory abstract)

Vision systems: new image processing techniques; Besancon, France, 11-12 June 1996, *(SPIE; CNRS; Minist. Defense; Direction Gen. l'Armement; et al)* [1996] 20397 (introductory abstract), 39856–9, 43933, 45718, 46023–43, 48037, 48870, 49411, 49848

Vision systems: sensors, sensor systems, and components; Besancon, France, 10-12 June 1996, *(SPIE; Centre Nat. Res. Sci.; Ministr. Defense; Direction General de l'Armement; et al)* [1996] 20356 (introductory abstract), 30339, 33597, 34986–93, 36448, 36587–8, 36647, 37888, 38048, 39337–8

Visual communications and image processing; San Jose, CA, USA, 12-14 Feb. 1997, *(SPIE; Soc. Imaging Sci. & Technol.; IEEE Circuits & Syst. Soc)* [1997] 39587 (introductory abstract), 52402, 56616–42, 56848–84, 57141, 57348–69, 57637, 57747, 57967, 58002, 58050–1, 60156, 60160, 60162, 60170

Visual information processing; Orlando, FL, USA, 9 April 1996, *(SPIE)* [1996] 13 (introductory abstract), 347, 1605, 5208–15, 6919, 7068, 8353, 8578, 15766

Visualisation in high-energy physics; Geneva, Switzerland, 2-4 Sept. 1996, [Geneva, Switzerland: CERN 1997] 49322, 49338–40

Visualization '96; San Francisco, CA, USA, 27 Oct.-1 Nov. 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Graphics; ACM SIGGRAPH)* [New York, NY, USA: ACM 1996] 15572–5, 18563

Visualization and intelligent design in engineering and architecture; La Coruna, Spain, June 1995, *(Ayuntamiento de La Coruma; Conselleria de Educ. Ordenacion Univ.; et al)* [Southampton, UK: Comput. Mech. Publications 1995] 30668, 38080

VLANS: virtual LANs and switching; London, UK, 11-13 June 1996, [London, UK: Technol. Transfer Inst. 1996] 26177 (introductory abstract)

VLSI circuits; Honolulu, HI, USA, 13-15 June 1996, [Gaithersburg, MD, USA: Widerkehr & Associates 1996] 35 (introductory abstract), 1069, 1134, 1151, 1153, 1156–7, 1175, 1194–5, 1210, 1261–5, 1387–405, 1412–9, 1472–8, 1491, 1518–21, 1549, 1567–9, 1624–5, 1731–3, 2818–20, 2823, 5270–2, 6386, 6415, 6486, 6600, 7415, 9480

VLSI design; Hyderabad, India, 4-7 Jan. 1997, *(VLSI Soc. India; Dept. Electron., Gov. India; IEEE; IEEE Comput. Soc. Tech. Committee on Design Autom.; IEEE Comput. Soc. Tech. Committee on VLSI; IEEE Circuits & Syst. Soc.; ACM SIGDA)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1997] 52932, 52947, 52965–75, 53009, 53050, 53092–6, 53098, 53165–93, 53214–25, 53273–4, 53314–21, 53325, 53359, 53384, 53405, 53428–9, 53441–3, 53458, 53470, 54739–40, 54754–5, 54771, 54789, 54808, 54816, 54823, 55349, 56272–3, 56813–4

VLSI signal processing, IX; San Francisco, CA, USA, 30 Oct.-1 Nov. 1996, *(IEEE Signal Process. Soc) W.Burleson, K.Konstantinides, T.Meng (editor/s),* [New York, NY, USA: IEEE 1996] 29950 (introductory abstract), 31187–9, 31284–99, 31349, 31378, 34645, 34742, 35064–74, 35385, 35552, 35850, 35945–8, 36308

VLSI technology; Honolulu, HI, USA, 11-13 June 1996, [Gaithersburg, MD, USA: Widerkehr & Associates 1996] 34 (introductory abstract), 866, 1238–9, 1349–65,

1724–7, 2318, 2360–3, 2433–45, 2494–6, 2641–60, 2793–814, 2837–9, 3002, 6771

VME bus; Brussels, Belgium, 7-9 Oct. 1996, *(ESONE; Electronique; EPN; Force Comput.; Micro Technol. Eur.; Motorola Comput. Group; et al)* [Titchfield, UK: GGH Marketing Commun. 1996] 57749, 57828–41, 58444, 59865

WAAP'95: machine learning and perception; Ancona, Italy, 21-23 June 1995, *G.Tascini, F.Esposito, V.Roberto, P.Zingaretti (editor/s),* [Singapore: World Scientific 1996] 75 (introductory abstract), 468, 5536–8

Wafer scale integration; San Francisco, CA, USA, 18-20 Jan. 1995, [March 1997] 31237, 31324, 32532, 36545

Wavelength division multiplexing components; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE)* [1996] 3 (introductory abstract), 2185, 3389–90, 3608, 3666, 4480, 6425–6, 6805–13, 6847, 7345, 8580

Wavelet applications in signal and image processing; Denver, CO, USA, 6-9 Aug. 1996, *(SPIE)* [1996] 20323 (introductory abstract), 21813, 24181, 24854–5, 25055–77, 25165–76, 25592–616, 25686–92, 25852, 26976, 26978–9, 27075, 27197, 28205–9, 28263, 28349–50, 28599, 34715, 34994–6, 37589

WCNN '95: neural networks; Washington, DC, USA, 17-21 July 1995, *(Int. Neural Network Soc)* [Mahwah, NJ, USA: Lawrence Erlbaum Associates 1995] 51991 (introductory abstract), 52328, 52553, 53286, 53492–4, 53499–513, 53753, 53808, 56247, 56340, 56360, 56402–3, 56421, 56514, 56586–7, 56590–3, 57203–7, 57428–30, 57518–49, 57667, 57729, 58134, 58460, 58473, 58496, 59398, 59557–64, 59735–7, 59781, 59807, 59820, 59872, 60100–1, 60337, 60388, 60429, 60532, 60973–4

WDAG '96: distributed algorithms; Bologna, Italy, 9-11 Oct. 1996, [Berlin, Germany: Springer-Verlag 1996] 25978, 26257

WDM technology and applications; London, UK, 6 Feb. 1997, *(IEE)* [London, UK: IEE 1997] 51941 (introductory abstract), 57588, 58092, 58330–47

Weak and EM interactions in nuclei; Osaka, Japan, 12-16 June 1995, [Singapore: World Scientific 1995] 7696, 7817–20, 7833

Weak superconductivity; Smolenice Castle, Slovakia, 4-7 Aug. 1996, [Feb. 1997] 39538 (introductory abstract), 40368, 43738–40, 43747, 43784–90, 43799–812, 48282, 49077, 49414–5

Wear of materials; San Diego, CA, USA, 20-23 April 1997, [March 1997] 52900, 53725, 55058

WESCON/96; Anaheim, CA, USA, 22-24 Oct. 1996, *(Los Angeles and San Francisco Bay Area Councils, IEEE; Southern & Northern California Chapters, ERA)* [New York, NY, USA: IEEE 1996] 20423 (introductory abstract), 20765–6, 20769, 20789, 20800–1, 20810, 20954–5, 22079, 23058–60, 23087, 26080, 26890, 28487, 28561–2, 28576–7, 28816, 28857–8, 28886, 28934, 29221–3, 29268, 29424–8, 29903, 29919, 29974, 30040, 30082, 30130–3, 30159, 30191, 30210, 30345–6, 30385–8, 30845, 31042, 31105, 31155, 31561, 31578–83, 31599, 32866, 34114, 35720, 36395, 36653, 36672, 37591, 37596, 37838, 37875, 37938–9, 37942–4, 38026, 38172, 39400, 39455

WG'96: graph theory in computer science; Cadenabbia, Italy, 12-14 June 1996, [Berlin, Germany: Springer-Verlag 1997] 41599, 47715

Wide bandgap semiconductor light emitters; London, UK, 16 Oct. 1996, *(IEE)* [London, UK: IEE 1996] 20438 (introductory abstract), 30799, 33285, 33303, 33557–8

WILF '95: trends in fuzzy logic; Naples, Italy, 21-22 Sept. 1995, *(Assoc. Italiana per l'Intelligenza Artificiale; Assoc. Electron., Italiana; et al)* [Singapore: World Scientific 1996] 53304, 54785, 56456, 56802–4, 57080, 60015

Wireless personal communications; Blacksburg, VA, USA, 5-7 June 1996, *(Virginia Tech.; AT&T; Bellcore; Bellsouth; Ericsson; FBI; Grayson Electron.; et al)* [Blacksburg, VA, USA: Virginia Tech 1996] 20412 (introductory abstract), 45123, 45180, 45353, 45483, 46994, 47462, 47521–2, 47599–608, 48209

Wireless technology; London, UK, 14 Nov. 1996, *(IEE)* [London, UK: IEE 1996] 20343 (introductory abstract), 35665, 35703–4, 35900–1, 35949, 39432

Work in information society; Helsinki, Finland, 20-22 May 1996, [Helsinki, Finland: Finnish Inst. Occupational Health 1996] 16148, 16285, 16363, 17022

X-ray and extreme ultraviolet optics; San Diego, CA, USA, 9-11 July 1995, *(SPIE)* [1995] 20395 (introductory abstract)

X-ray multilayer structure physics; Breckenridge, CO, USA, 3-7 March 1996, *(Univ. Arizona; Opt. Soc. America)* [Tucson, AZ, USA: Univ. Arizona 1996] 9765 (introductory abstract)

X-ray photoelectron spectroscopy; Coogee Beach, NSW, Australia, 14-17 Nov. 1995, [16 Sept. 1996] 865, 2276, 2317, 2357–8, 3314

ZEUS '95/NTUG '95: parallel programming, computation and transputers; Linkoping, Sweden, 1995, [Amsterdam, Netherlands: IOS Press 1995] 46495–6, 47209, 47316

CORPORATE AUTHOR INDEX

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

ATLAS Collaboration, CERN, Geneva, Switzerland
The ATLAS liquid-argon electromagnetic calorimeter. 37443
B-physics potential of ATLAS: an update. 37422
ATLAS Muon Group, CERN, Geneva, Switzerland
Monitored drift tubes in ATLAS. 37439
Resistive plate chambers in ATLAS. 37441
B2 Collaboration; A4 Collaboration, Univ. Mainz, Germany
Selfstarting modelocked Ti:sapphire laser at a repetition rate of 1.039 GHz. 33433
BaBar Collaboration, Stanford Univ., Stanford, CA, USA
BABAR CsI calorimeter design and first beam test results. 37248
DIRC, the particle identification detector for BaBar. 37431
Particle identification for the BaBar experiment. Detection of internally reflected Cherenkov light (DIRC). 37235
Status of BaBar at SLAC. 37418
BEATRICE Collaboration, CERN, Geneva, Switzerland
WA92: a fixed target experiment to trigger on and identify beauty particle decays. 7797
BTeV Collaboration, Fermilab, Batavia, IL, USA
BTeV, a dedicated B experiment at Fermilab. 37427
CDF Collaboration, Fermilab, Batavia, IL, USA
The CDF SVX-II upgrade for the Tevatron run II. 59239
Recent beauty results from CDF and the Run-II upgrades. 37420
CHORUS Collaboration, CERN, Geneva, Switzerland
Performance of the CHORUS detector for ν_μ-ν_τ oscillations. 37298
Status of the CHORUS experiment. 18126
CLEO Collaboration, Cornell Univ., Ithaca, NY, USA
CLEO II silicon vertex detector. 37220
The CLEO III detector. 37417
The CLEO III ring imaging Cherenkov detector. 37236
CMD-2 Collaboration, Novosibirsk, Russia
Liquid xenon calorimeter for the new detector CMD-2M. 37246
CMS Collaboration, CERN, Geneva, Switzerland
Cathode strip chambers for the CMS endcap muon system. 37437
CP violation in CMS. 37423
The drift tubes of the barrel-muon detector of CMS. 37438
Crystal Barrel Collaboration, CERN, Geneva, Switzerland
Single-sided μ-strip detector with backplane readout for fast trigger applications. 59235
D0 Collab., Fermi Nat. Accel. Lab., Batavia, IL, USA
D0 muon readout electronics design. 59326
D0 Collaboration, Fermilab, Batavia, IL, USA
Beauty at DØ: upgrade and current results. 37421
The DØ silicon tracker. 37374
New technologies in the DØ central tracker upgrade. 37229
Vertex detector R&D for the D0 upgrade. 59240
DESY, Hamburg, Germany
Development of the H1 backward silicon strip detector, DESY 96-217. 28034
H1 lead/scintillating-fibre calorimeter, DESY 96-171. 18088
Higher order mode damping by artificially increased surface losses, DESY 96-169. 7729
Online readout and control unit for high-speed / high resolution readout of silicon tracking detectors, DESY 96-200. 28046
Presampler for the forward and rear calorimeter in the ZEUS detector, DESY 96-139. 7787
SDH-based optical transmission-system for applications in the high-energy physics, DESY 96-265. 58278
Symplectic thin-lens transfer maps for SIXTRACK: treatment of bending magnets in terms of the exact Hamiltonian, DESY 96-156. 7728
DESY, Zeuthen, Germany
Analog optical transmission of fast photomultiplier pulses over distances of 2 km, DESY 96-186. 6828
EDF-Electricite de France, Clamart, France
Combining data in non-destructive testing, 94NB00140. 31029
Validation of mixed-gas sensors in a controlled environment, 95NV00001. 27761
Eidgenossische Tech. Hochschule, Zurich, Switzerland
Visualization of multidimensional shape and texture features in laser range data using complex valued Gabor wavelets, 227. 5529
Eindhoven Univ. Technol., Netherlands
Modeling of double barrier resonant tunneling diodes: D.C. and noise model, EUT 95-E-285. 31508
FINUDA Collaboration, LNF, Frascati, Italy
The drift chamber system for the FINUDA experiment. 37225
Forschungszentrum Julich, Germany
Hochdrucklosungszuchtung und Defektthermodynamik von Galliumarsenid (High pressure solution growth and defect thermodynamics of gallium arsenide), JUL-3231. 672
Lateraler und vertikaler elektrischer Transport in Halbleiterheterostruktur-Bauelementen mit 2D-Elektronengasen (Lateral and vertical electric transport in semiconductor heterostructure devices with 2D electron gases), JUL-3229. 2109
Poroses Silicium fur die Mikrooptik: Herstellung, Mikrostruktur und optische Eigenschaften von Einzelschichten und Schichtsystemen (Porous silicon for the micro-optics: synthesis, microstructure and optical properties of single layers and layer systems), JUL-3219. 1966
Silizium-MSM-Photodetektor mit integriertem Wellenleiter -Herstellung und elektrooptische Charakterisierung (Silicon MSM photodetector with integrated wave guide - synthesis and electro-optical characterisation), JUL-3233. 7339
Strukturbeeinflussung von porosem Silicium fur optoelektronische Anwendungen (Structure of porous silicon for optoelectronic applications), JUL-3210. 1965
Supraleitende Flux-Flow Bauelemente auf der Basis von $YBa_2Cu_3O_7$-Nanobrucken (Superconducting flux-flow devices on the basis of $YBa_2Cu_3O_7$ nanobridges), JUL-3163. 3279
Forschungszentrum Karlsruhe GmbH, Karlsruhe, Germany
Implementation of a $TE_{22,6}$-mode exciter and measurements on quasioptical mode converters, FZKA 5762. 12092
Gesellschaft fur Schwerionenforschung mbH, Darmstadt, Germany
Anomalous temperature reduction of electron cooled heavy ion beams in the storage ring ESR, GSI-96-45(prepr.). 37080
Experiments with relativistic exotic nuclei at the FRS-ESR facilities, GSI-96-35(prepr.). 7730
First experiment with decelerated bare uranium ions conducted at the ESR storage ring, GSI-96-34(prepr.). 7727
GKSS-Forschungszentrum Geesthacht GmbH, Geesthacht, Germany
Anwendung der Diskreten Dipol-Approximation zur Modellierung von Radar-Ruckstreuung an Eiskristallen bei 94 GHz (Application of the discrete dipole approximation to model backscattering of radar waves by ice crystals at 94 GHz), GKSS 96/E/42. 56052
Messungen physikalischer Eigenschaften stratiformer Bewolkung mit einem 94 GHz-Wolkenradar (Measurements of physical properties of stratiform clouds with a 94 GHz cloud radar), GKSS 96/E/53. 60059
H1 SPACAL group, DESY, Hamburg, Germany
Hadronic response and e/π separation with the H1 lead/fibre calorimeter. 37356
HERA-B Collaboration, DESY, Hamburg, Germany
Data acquisition in the HERA-B and LHC era. 36444
First level trigger for HERA-B. 37513
The HERA-B electromagnetic calorimeter. 37255
HERA-B: overview and 1996 engineering run. 37424
The honeycomb outer tracker system for HERA-B. 37435
Physics reach of HERA-B. 37425
Hewlett-Packard Lab., Palo Alto, CA, USA
AC loss in Nb_3Sn superconducting cable - mechanisms and measurement, HPL-95-119. 23432
High luminance from thin film electroluminescence devices, HPL-96-104. 13858
Microcavity effects in thin film electroluminescence, HPL-96-105. 13857
Multiplexed sensing using optical low-coherence reflectometry, HPL-95-38. 17280
Simulated transient behavior of partially depleted 0.18 μm SOI n-MOSFET, HPL-95-57. 12940
Technology leverage for ultra-low power information systems, HPL-94-120. 22983
Inst. Electr. & Electron. Eng., New York, NY, USA
American National Standard for roadway lighting equipment - tunnel lighting luminaires, ANSI C136.27-1996. 9725
American National Standard for roadway lighting equipment - locking-type photocontrol devices and mating receptacle physical and electrical interchangeability and testing, ANSI C136.10-1996. 9726
American National Standard letter symbols and abbreviations for quantities used in acoustics, ANSI/IEEE Std 260.4-1996. 7128
battery replacement;, IEEE Std 1188-1996. 9479
IEEE guide for AC generator protection, IEEE Std C37.102-1995. 9187
IEEE guide for cable connections for gas-insulated substations, IEEE Std 1300-1996. 9444
IEEE guide for diagnostics and failure investigation of power circuit breakers, IEEE Std C37.10-1995. 9417
IEEE guide for in-service use, care, maintenance, and testing of conductive clothing for use on voltages up to 765 kV ac and ± 750 kV dc, IEEE Std 1067-1996. 131
IEEE guide for instrumentation and control equipment grounding in generating stations, IEEE Std 1050-1996. 8987
IEEE guide for Motor Operated Valve (MOV) motor application, protection, control, and testing in nuclear power generating stations, IEEE Std 1290-1996. 60481
IEEE guide for selection of Valve-Regulated Lead-Acid (VRLA) batteries for stationary applications, IEEE Std 1189-1996. 9478
IEEE guide for the application of current transformers used for protective relaying purposes, IEEE Std C37.110-1996. 60825
IEEE guide for the presentation of thermal limit curves for squirrel cage induction machines, IEEE Std 620-1996. 9207
IEEE guide on the prediction, measurement, and analysis of AM broadcast reradiation by power lines, IEEE Std 1260-1996. 8915
IEEE recommended practice for thermal evaluation of sealed insulation systems for AC electric machinery employing random-wound stator coils, IEEE Std 1107-1996. 9151
IEEE standard equipment requirements and measurement techniques for analog transmission parameters for telecommunications, IEEE Std 743-1995. 6371
IEEE standard for bar coding for distribution transformers, IEEE Std C57.12.35-1996. 60826
IEEE standard for Heterogeneous InterConnect (HIC) (low-cost, low-latency scalable serial interconnect for parallel system construction), IEEE Std 1355-1995. 6865
IEEE standard for insulation coordination - definitions, principles, and rules, IEEE Std 1313.1-1996. 8831
IEEE standard for qualification of actuators for power-operated valve assemblies with safety-related functions for nuclear power plants, IEEE Std 382-1996. 8994
IEEE standard for synchrophasors for power systems, IEEE Std 1344-1995. 9443
IEEE standard test procedures and requirements for alternating-current cable terminators 2.5 kV through 756 kV, IEEE Std 48-1996. 8921
IEEE standard tests for determining compatibility of cable-pulling lubricants with wire and cable, IEEE Std 1210-1996. 8922
IEEE trial use guide for fall protection for the utility industry, IEEE Std 1307-1996. 132
IEEE trial use recommended practice for thermal cycle testing of form-wound stator bars and coils for large generators, IEEE Std 1310-1996. 9150

Information technology - telecommunications and information exchange between systems - local and metropolitan area networks - specific requirements. Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3:1996(E); ANSI/IEEE Std 802.3, 1996 Edition. 6235

National Electrical Safety Code. 1997 edition, Accredited Standards Committee C2-1997. 8914

Inst. Nat. Recherche Inf. Autom., Le Chesnay, France

Algorithmic problems in non-cabled networks, 2669. 35767

Analytical approach to some problems involving order statistics, 2669. 30431

Application of LARYC: study of cardio-vascular rhythms perturbations according to a sleep pathology (periodic leg movements), RR-2597. 18196

Asymptotics of Mahler recurrences: binary partitions weighted by the number of summands, 2669. 30620

Computation of the integral basis of an algebraic function field and application to the parameterization of algebraic curves, 2669. 30586

A computer support for genotyping by multiplex PCR, 2669. 35446

Evaluating signs of determinants using single-precision arithmetic, 2669. 40188

General scheme for automatically building 3D morphometric anatomical atlases: application to a skull atlas, RR-2586. 18292

Holonomic systems and automatic proofs of identities, 2669. 30657

Introduction to complex multiplication, 2669. 30506

Normal bases and canonical rational form (over finite fields), 2669. 30616

Oscillating rivers, 2669. 30424

Polynomial solutions of linear operator equations, 2669. 30655

Reversing a finite sequence, 2669. 30617

Riordan arrays and their applications, 2669. 30504

Structured numbers, 2669. 30505

Symbolic and numerical manipulations of divergent power series, 2669. 30656

Symbolic computation of hyperelliptic integrals and arithmetic in the Jacobian, 2669. 30627

Using functional analysis in average case analysis: the example of the Gauss reduction algorithm, 2669. 30432

ISOLDE Collaboration, CERN, Geneva, Switzerland

Emission channeling studies of Li in semiconductors. 54096

Radiation damage annealing of Hg implanted InP. 31806

Ist. Naz. Fis. Nucl., Naples, Italy

Meccanica della cavita ottica del laser ad elettroni liberi sul linac S.C. LISA (Mechanics of the optical cavity of the free electron laser with the S.C. linac LISA), INFN/TC-96/05. 14219

Japan Atomic Energy Res. Inst., Naka, Ibaraki, Japan

Characteristics of a superconducting magnet using a persistent current for a 110 GHz gyrotron, JAERI-Res 96-017. 13518

Performance test of lower hybrid waveguide under long/high-RF power transmission, JAERI-Res 96-025. 11644

KLOE Calorimeter Group, LNF, Frascati, Italy

The electromagnetic calorimeter of the KLOE experiment at DAΦNE. 37254

KLOE Collaboration, LNF, Frascati, Italy

The trigger and data acquisition system of the KLOE experiment. 37487

KWC Inc., Santa Fe Springs, CA, USA

Switchable N-way power divider/combiners. 21867

LHC-B Collaboration, CERN, Geneva, Switzerland

LHC-B: overview and recent developments. 37426

Ring-imaging Cherenkov detectors for LHC-B. 37430

MACRO Collaboration, Lab. Nazionali del Gran Sasso dell'INFN, L'Aquila, Italy

The performance of MACRO liquid scintillator in the search for magnetic monopoles with $10^{-3}<\beta<1$. 59192

Max-Planck-Inst. Kernphys., Heidelberg, Germany

Measuring the UHE cosmic-ray composition with tracking detectors in air shower arrays, MPI H-V9-1996. 7788

Max-Planck-Inst. Meteorol., Hamburg, Germany

Space refractive tomography of the atmosphere: modeling of direct and inverse problems, 210. 38063

Max-Planck-Inst. Phys., Munich, Germany

Improvement of efficiency and occupancy performance by cluster threshold in Si-strip detector readout, MPI-PhE/96-11. 59256

Irradiation tests of double-sided silicon strip detectors with a special guard ring structure, MPI-PHE/95-29. 7783

Transparent silicon strip sensors for the optical alignment of particle detector systems, MPI-PhE/95-13. 3597

Microwave Dev. Co. Inc., North Andover, MA, USA

MM-wave sources for digital radio applications. 21905

Mini-Circuits, Brooklyn, NY, USA

Low cost, medium power monolithic amplifiers. 21938

NA48 Collaboration, CERN, Geneva, Switzerland

The NA48 photon calorimeter: a liquid krypton ionization chamber. 37444

Nat. Inst. Stand. & Technol., Washington, DC, USA

Analytical estimation of carrier multipath bias on GPS position measurements, NIST/TN-1366. 7018

Gage block handbook, NIST Monogr. 180. 27917

Optical detector nonlinearity: simulation, NIST/TN-1376. 17281

Software for performing gray-scale measurements of optical fiber end faces, NIST/TN-1370. 33051

Nat. Lab. High Energy Phys., Ibaraki-ken, Japan

Beam test of ferrite absorber in TRISTAN MR, KEK 96-7. 17982

Heat transfer functions of the VENUS vertex chamber, KEK 96-2. 18115

Nat. Phys. Lab., Teddington, UK

Anglo-Russian agreement in metrology: theme 26, the international temperature scale of 1990 above 962°C. NPL-VNIIM intercomparison of tungsten ribbon lamps, NPL Qu107. 27365

Design, construction and calibration of a system for the measurement of magnetic fields at frequencies in the range 20 Hz to 20 kHz, NPL DES 135. 27855

Final report and recommendations: project AM4, development of measurement methods for the characterisation of the high stress behaviour of piezoelectric, electrostrictive and magnetostrictive materials, NPL CMMT(A)37. 59023

Investigation into the use of half and quarter-scale NPL permeameters, NPL DES 136. 27854

Novel 3-axis CMM probe calibration facility, NPL MOM 126. 27916

NTT, Tokyo, Japan

NTT's R&D–innovation toward the 21st century. 35833

OPAL Microvertex Group, CERN, Geneva, Switzerland

The OPAL Phase III microvertex detector. 59230

Phys.-Tech. Bundesanstalt, Braunschweig, Germany

GNSR - a computer code to calculate response functions of gas-filled neutron detectors, PTB-N-26. 7785

Internationale Einheitensystem - Entwicklung der Einheiten und heutiger Stand - (International System of Units: development and status), PTB-W-58. 17145

Reference material RM 7811-6 for identification cards with high coercivity magnetic stripes, PTB-MA-41. 32885

RD19 & WA97 Collaboration, CERN, Geneva, Switzerland

LHC1: a semiconductor pixel detector readout chip with internal, tunable delay providing a binary pattern of selected events. 37506

RD2 Collaboration, CERN, Geneva, Switzerland

Radiation induced bulk damage in silicon detectors. 37389

RD3 Collaboration, CERN, Geneva, Switzerland

Construction and test of a fine-grained liquid argon preshower prototype. 37457

RD42 Collaboration, CERN, Geneva, Switzerland

Diamond detectors for the LHC. 28045

RD46 Collaboration, CERN, Geneva, Switzerland

Capillary detectors in LHC-B. 37432

RD5 Collaboration, CERN, Geneva, Switzerland

High counting rate resistive plate chambers. 37481

REMEC Wireless, San Diego, CA, USA

Ceramic filters and duplexers for base station and microcell applications. 21868

Riso Nat. Lab., Roskilde, Denmark

Nonlinear parametric processes in photorefractive media, Riso-R-887(EN). 14329

SLD Collaboration, Linear Accel. Center, Stanford, CA, USA

Performance of the new vertex detector at SLD. 59221

SLD Collaboration, Stanford Univ., Stanford, CA, USA

VXD3: the SLD vertex detector upgrade. 37219

SNO Collaboration, Sudbury Neutrino Obs., Kingston, Ont., Canada

Neutrino astrophysics with the Sudbury Neutrino Observatory. 49314

STAR-SVT Collaboration, Brookhaven Nat. Lab., Upton, NY, USA

Behavior of silicon drift detectors in large magnetic fields. 59225

Tech. Res. Centre Finland, Electron., Oulu, Finland

Modeling the external behavior of electronic products, 236. 9993

Univ. Bonn, Germany

Aufbau, Test und Eichung des hochauflosenden Tagging-Systems TOPAS II am Bonner SAPHIR-Detektor (Setup, test and calibration of the high-resolution tagging system TOPAS II of the SAPHIR detector at Bonn), BONN-IR-96-02. 7784

Vivitron Group, CRN, Strasbourg, France

VIVITRON 1995 report. 49134

Vivitron 1995, transient voltage simulation, high voltage insulator tests, electric field calculation. 49042

XL Microwave Inc., Oakland, CA, USA

60 GHz frequency counters. 27783

ZEUS Collaboration, DESY, Hamburg, Germany

The trigger of ZEUS, a flexible system for a high bunch crossing rate collider. 37488

The ZEUS Leading Proton Spectrometer and its use in the measurement of elastic ρ^0 photoproduction at HERA. 59345

SUPPLEMENT TO LIST OF JOURNALS

The INSPEC List of Journals and other Serial Sources is published in full in the July-December Indexes. The following update to the List of Journals includes new titles and title changes over the period January-June 1997.

ACM Trans. Des. Autom. Electron. Syst. (USA)
ACM Transactions on Design Automation of Electronic Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Adv. Account. Inf. Syst. (UK)
Advances in Accounting Information Systems JAI Press Ltd., The Courtyard, 28 High Street, Hampton Hill, Middx. TW12 1PD, UK.

Aerosp. Sci. Technol. (France)
Aerospace Science and Technology Gauthier-Villars, 5 rue Laromiguiere, 75005 Paris, France.
Formed by merger of Recherche Aerospatiale and Zeitschrift fur Flugwissenschaften und Weltraumforschung

AEU-Int. J. Electron. Commun. (Germany)
AEU-International Journal of Electronics and Communications [Formerly: *Arch. Elektron. Uebertrag.tech. (Germany)*] S. Hirzel Verlag GmbH & Co., P.O.Box 10 10 61, D-70009 Stuttgart, Germany.

Ann. Softw. Eng. (Netherlands)
Annals of Software Engineering Baltzer Science Publishers B.V., Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Annu. Rep. Eng. Res. Inst. Sch. Eng. Univ. Tokyo (Japan)
Annual Report of Engineering Research Institute, School of Engineering, University of Tokyo [Formerly: *Annu. Rep. Eng. Res. Inst. Fac. Eng. Univ. Tokyo (Japan)*] University of Tokyo, Engineering Research Institute, School of Engineering, Tokyo, Japan.

Bank. Strateg. (USA)
Banking Strategies [Formerly: *Bank Manage. (USA)*] Bank Administration Institute, One North Franklin, Chicago, IL 60606, USA.

Bell Labs Tech. J. (USA)
Bell Labs Technical Journal [Formerly: *AT&T Tech. J. (USA)*] Lucent Technologies, 600 Mountain Avenue, Murray Hill, NJ 07974-0636, USA.

Build. Serv. J. (UK)
Building Services Journal Building Services Publication Ltd., 1 Millharbour, London E14 9RA, UK.

Bull. Fac. Sci. Univ. Alexandria (Egypt)
Bulletin of the Faculty of Science, University of Alexandria [Formerly: *Bull. Fac. Sci. Alexandria Univ. (Egypt)*] Dean of the Faculty of Science, University of Alexandria, Alexandria, Egypt.

Bus. Comput. World (UK)
Business Computer World VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

BYTE, Int. Ed. (USA)
BYTE (International Edition) [Formerly: *BYTE (USA)*] McGraw-Hill Co. Inc., One Phoenix Lane, Peterborough, NH 03458, USA.

Campus-Wide Inf. Syst. (UK)
Campus-Wide Information Systems [Formerly: *CWIS Campus-Wide Inf. Serv. (UK)*] MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Can. J. Anal. Sci. Spectrosc. (Canada)
Canadian Journal of Analytical Sciences and Spectroscopy [Formerly: *Can. J. Appl. Spectrosc. (Canada)*] Polyscience Publications Inc., P.O.Box 148, Morin Hights, Que. J0R 1H0, Canada.

CC-AI, J. Integr. Study Artif. Intell. Cogn. Sci. Appl. Epistemol. (Belgium)
CC-AI, The Journal for the Integrated Study of Artificial Intelligence, Cognitive Science and Applied Epistemology Communication and Cognition, Blandijnberg 2, B-9000 Ghent, Belgium.

Chin. J. Nonferr. Met. (China)
Chinese Journal of Nonferrous Metals Editorial Office of the Chinese Journal of Nonferrous Metals, Central South University of Technology, Changsha, Hunan 410083, China.

Chin. J. Power Sources (China)
Chinese Journal of Power Sources Tianjin Institute of Power Sources, P.O.Box 277, Tianjin 300381, China.

CMA Mag. (Canada)
CMA Magazine [Formerly: *CMA (Canada)*] Society of Management Accountants of Canada, P.O.Box 176, Hamilton, Ont. L8N 3C3, Canada.

Comb. Probab. Comput. (UK)
Combinatorics, Probability and Computing Cambridge University Press, Publishing Division, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Comput. Methods Appl. Mech. Eng. (Switzerland)
Computer Methods in Applied Mechanics and Engineering [Formerly: *Comput. Methods Appl. Mech. Eng. (Netherlands)*] Elsevier Science S.A., P.O.Box 564, CH-1001 Lausanne, Switzerland.

Comput. Process. Orient. Lang. (Taiwan)
Computer Processing of Oriental Languages [Formerly: *Comput. Process. Chin. Orient. Lang. (USA)*] Oriental Languages Computer Society, c/o Prof. Hsi-Jian Lee, Department of Computer Science and Information Engineering, National Central University, Chung Li, Taiwan.

Comput. Sci. Educ. (USA)
Computer Science Education Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Comput. Support. Coop. Work, J. Collab. Comput. (Netherlands)
Computer Supported Cooperative Work: The Journal of Collaborative Computing [Formerly: *Comput. Support. Coop. Work (CSCW) (Netherlands)*] Kluwer Academic Publishers, P.O.Box 17, 3300 AH Dordrecht, Netherlands.

Constraints (Netherlands)
Constraints Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

EE Eval. Eng. (USA)
EE Evaluation Engineering [Formerly: *Eval. Eng. (USA)*] Nelson Publishing, 2504 N. Tamiami Trail, Nokomis, FL 34275-3482, USA.

EMedia Prof. (USA)
EMedia Professional [Formerly: *CD-ROM Prof. (USA)*] Online Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

Health Care Internet (USA)
Health Care on the Internet Haworth Press Inc., 10 Alice Street, Binghamton, NY 19304, USA.
Copies are available from Haworth Document Delivery Center at Haworth Press Inc

Hum. Factors Ergon. Manuf. (USA)
Human Factors and Ergonomics in Manufacturing [Formerly: *Int. J. Hum. Factors Manuf. (USA)*] John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

IDPM J. (UK)
IDPM Journal IDPM, IDPM House, Edgington Way, Ruxley Corner, Sidcup, Kent DA14 5HR, UK.

IEE Proc., Softw. Eng. (UK)
IEE Proceedings-Software Engineering [Formerly: *Softw. Eng. J. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEEE Commun. Lett. (USA)
IEEE Communications Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Concurr. (USA)
IEEE Concurrency [Formerly: *IEEE Parallel Distrib. Technol., Syst. Appl. (USA)*] Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Ind. Manag. (Germany)
Industrie Management GITO-Verlag, Kellenzeile 50A, D-13437 Berlin, Germany.

Inf. Outlook (USA)
Information Outlook Special Libraries Association, 1700 Eighteenth Street, N.W., Washington, DC 20009-2514, USA.

Informationssyst.-Archit. (Germany)
Informationssystem-Architekturen Gesellschaft fur Informatik e.V., c/o Prof. Dr. Elmar J. Sinz, Feldkirchenstrasse 21, D-96045 Bamberg, Germany.

InformationWeek (UK)
InformationWeek Emap Computing and CMP Media Inc., Greater London House, Hampstead Road, London NW1 7QZ, UK.

Infoworld Can. (Canada)
Infoworld Canada [Formerly: *InfoCanada (Canada)*] Laurentian Technomedia Inc., 501 Oakdale Road, North York, Ont. M3N 1W7, Canada.

Innovation (Germany)
Innovation [Formerly: *Zeiss Inf. Jena Rev. (Germany)*] Carl Zeiss, P.O.Box 1380, D-73446 Oberkochen, Germany.

Int. J. Comput. Math. Learn. (Netherlands)
International Journal of Computers for Mathematical Learning Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Int. J. Geogr. Inf. Sci. (UK)
International Journal of Geographical Information Science [Formerly: *Int. J. Geogr. Inf. Syst. (UK)*] Taylor & Francis Ltd., 1 Gunpowder Square, London EC1A 3DE, UK.

Int. J. Inf. Technol. (Singapore)
International Journal of Information Technology World Scientific Publishing Co. Pte. Ltd., Farrer Road, Singapore 912805, Singapore.

Int. J. Med. Inform. (Ireland)
International Journal of Medical Informatics [Formerly: *Int. J. Bio-Med. Comput. (Ireland)*] Elsevier Science Ireland Ltd., Bay 15K, Shannon Industrial Estate, Shannon, Co. Clare, Ireland.

Internet Ref. Serv. Q. (Netherlands)
Internet Reference Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.
Copies are available from Haworth Document Delivery Center at Haworth Press Inc

ISA Trans. (UK)
ISA Transactions [Formerly: *ISA Trans. (Netherlands)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

IT Cost Manag. Strateg. Lett. (USA)
IT Cost Management Strategies Letter [Formerly: *Open Syst. Econ. Lett. (USA)*] Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

ITS J. (Switzerland)
ITS Journal [Formerly: *IVHS J. (Switzerland)*] Gordon and Breach Science Publishers S.A., Postfach, CH-4004 Basel, Switzerland.

J. AGSI (UK)
Journal of AGSI Infonortics Ltd., 15 Market Place, Tetbury, Glos. GL8 8DD, UK.

J. Atmos. Sol.-Terr. Phys. (UK)
Journal of Atmospheric and Solar-Terrestrial Physics [Formerly: *J. Atmos. Terr. Phys. (UK)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Comb. Optim. (Netherlands)
Journal of Combinatorial Optimization Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

J. Comput. Neurosci. (Netherlands)
Journal of Computational Neuroscience Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

J. Electron. Microsc. (UK)
Journal of Electron Microscopy [Formerly: *J. Electron Microsc. (Japan)*] Oxford University Press, Great Clarendon Street, Oxford OX2 6DP, UK.

J. Electrotech. Math. (Yugoslavia)
Journal of Electrotechnics and Mathematics Faculty of Engineering, University of Pristina, Cara Dusana bb, 3800 Pristina, Yugoslavia.

J. Grad. Sch. Fac. Eng. Univ. Tokyo B (Japan)
Journal of the Graduate School and Faculty of Engineering, the University of Tokyo, Series B [Formerly: *J. Fac. Eng. Univ. Tokyo B (Japan)*] 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Inst. Eng. Singap. (Singapore)
Journal of the Institution of Engineers Singapore [Formerly: *IES J. (Singapore)*] Institution of Engineers Singapore, 70 Bukit Tinggi Road, Singapore 1128, Singapore.

J. Inst. Image Inf. Telev. Eng. (Japan)
Journal of the Institute of Image Information and Television Engineers [Formerly: *J. Inst. Telev. Eng. Jpn. (Japan)*] Institute of Image Information and Television Engineers, Kikai-Shinko Kaikan, 3-5-8 Shiba Koen, Minato-ku, Tokyo 105, Japan.

J. Int. Inf. Manag. (USA)
Journal of International Information Management International Information Management Association, Department of Information and Decision Sciences, California State University, San Bernadino, CA 92407, USA.

J. King Saud Univ., Eng. Sci. (Saudi Arabia)
Journal of King Saud University (Engineering Sciences) [Formerly: *J. King Saud Univ., Sci. (Saudi Arabia)*] P.O.Box 800, Riyadh 11421, Saudi Arabia.

J. Magn. Reson. (USA)
Journal of Magnetic Resonance Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.
From Jan. 1993 to Dec. 1996 published in 2 parts: Journal of Magnetic Resonance, Series A and Journal of Magnetic Resonance, Series B

J. Opt. (UK)
Journal of Optics [Formerly: *J. Opt. (France)*] Institute of Physics Publishing, Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

J. Org. Comput. Electron. Commer. (USA)
Journal of Organizational Computing and Electronic Commerce [Formerly: *J. Organ. Comput. (USA)*] Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

J. Phys. Chem. A (USA)
Journal of Physical Chemistry A American Chemical Society, 1155 16th Street, N.W., Washington, DC 20036, USA.
Supersedes in part: Journal of Physical Chemistry

J. Phys. Chem. B (USA)
Journal of Physical Chemistry B American Chemical Society, 1155 16th Street, N.W., Washington, DC 20036, USA.
Supersedes in part: Journal of Physical Chemistry

J. Phys. Stud. (Ukraine)
Journal of Physical Studies Editorial address: 12 Drahomanov Street, UA-290005 Lviv, Ukraine.

J. Speech Lang. Hear. Res. (USA)
Journal of Speech, Language, and Hearing Research [Formerly: *J. Speech Hear. Res. (USA)*] American Speech-Language-Hearing Association, 1081 Rockville Pike, Rockville, MD 20852-3279, USA.

Jurimetr., J. Law Sci. Technol. (USA)
Jurimetrics: Journal of Law, Science and Technology [Formerly: *Jurimetr. J. (USA)*] American Bar Association, 541 Fairbanks Ct, Chicago, IL 60611, USA.

Learn. Publ. (UK)
Learned Publishing Editorial address: The Association of Learned and Professional Society Publishers, 139 The Ryde, Hatfield, Herts. AL9 5DP, UK.

Math. Commun. (Croatia)
Mathematical Communications Department of Mathematics, Faculty of Electrical Engineering, University of Osijek, Istarska 3, HR - 31 000 Osijek, Croatia.

Math. Phys. Electron. J. (USA)
Mathematical Physics Electronic Journal University of Texas at Austin, Department of Mathematics, Austin, TX 78712, USA.
Refereed journal distributed over the Internet. Articles are presented as a single postscript file

Mech. Eng. Trans. (Australia)
Mechanical Engineering Transactions [Formerly: *Trans. Inst. Eng. Aust. Mech. Eng. (Australia)*] Institution of Engineers, Australia, 11 National Circuit, Barton, ACT 2600, Australia.

Microsyst. Technol. (Germany)
Microsystem Technologies Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

MT&M, Manuf. Technol. Manag. (India)
MT&M-Manufacturing Technology and Management [Formerly: *Manuf. Technol. Manag. (India)*] Indian Institution of Production Engineers, 16 Park Road, Bangalore 560 051, India.

Nat. Lang. Eng. (UK)
Natural Language Engineering Cambridge University Press, Edinburgh Building, Saftesbury Road, Cambridge CB2 2RU, UK.

Netw. Secur. (UK)
Network Security Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Netw. World (UK)
Network World [Formerly: *LAN Mag. (UK)*] EMAP Computing, Greater London House, Hampstead Road, London NW1 7QZ, UK.

New Astron. (Netherlands)
New Astronomy Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Online User (USA)
Online User Online Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

Open Syst. Inf. Dyn. (Netherlands)
Open Systems & Information Dynamics Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Panorama (France)
Panorama [Formerly: *GEC ALSTHOM Tech. Rev. (France)*] GEC ALSTHOM, Communications Department, 38 avenue Kleber, 75795 Paris Cedex 16, France.

PC World (Multimedia Ed.) (USA)
PC World (Multimedia Edition) [Formerly: *PC World (USA)*] PC World Communications, 501 Second Street, Suite 600, San Francisco, CA 94107, USA.

Proc. Chart. Inst. Build. Serv. Eng. A, Build. Serv. Eng. Res. Technol. (UK)
Proceedings of the Chartered Institution of Building Services Engineers A (Building Services Engineering Research and Technology) [Formerly: *Build. Serv. Eng. Res. Technol. (UK)*] Chartered Institution of Building Services Engineers, 222 Balham High Road, London SW12 9BS, UK.

Proc. Est. Acad. Sci., Eng. (Estonia)
Proceedings of the Estonian Academy of Sciences (Engineering) Estonian Academy of Sciences, The Library, 10 Ravala Avenue, Tallinn EE 0103, Estonia.

Prz. Telekomun., Wiad. Telekomun. (Poland)
Przeglad Telekomunikacyjny + Wiadomosci Telekomunicayjne [Formerly: *Prz. Telekomun. (Poland)*] SIGMA NOT, Spolka z o.o., Skrytka Pocztowa 1004, Ul. Ratuszowa 11, 00-950 Warszawa, Poland.

Q. Bull. Int. Assoc. Agric. Inf. Spec. (USA)
Quarterly Bulletin of the International Association of Agricultural Information Specialists [Formerly: *Q. Bull. Int. Assoc. Agric. Libr. Doc. (Netherlands)*] Editorial address: Ms. A.P. Powell, Agriculture Library, Agricultural Science Center North, University of Kentucky, Lexington, KY 40546-0091, USA.

Rec. Manag. Bull. (UK)
Records Management Bulletin Records Management Society, Woodside, Coleheath Bottom, Speen, Princes Risborough, Bucks. HP27 0SZ, UK.

ReCALL (UK)
ReCALL CTI Centre for Modern Languages, School of European Languages & Cultures, University of Hull, Hull HU6 7RX, UK.

Rech. Oper. (France)
Recherche Operationnelle [Formerly: *RAIRO Rech. Oper. (France)*] Gauthier-Villars, 5 Rue Laromiguiere, 75005 Paris, France.

Reliab. Comput. (Netherlands)
Reliable Computing Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Requir. Eng. (UK)
Requirements Engineering Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, UK.

Res. Rep. Inf. Sci. Electr. Eng. Kyushu Univ. (Japan)
Research Reports on Information Science and Electrical Engineering of Kyushu University Graduate School of Information Science and Electrical Engineering, Kyushu University, Fukuoka 812-81, Japan.

Retail Autom. (UK)
Retail Automation RMDP Ltd., The Hideaway, Furze Hill, Hove, East Sussex BN1 3PA, UK.

SIGART Bull. (USA)
SIGART Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGGROUP Bull. (USA)
SIGGROUP Bulletin [Formerly: *SIGOIS Bull. (USA)*] Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Struct. Change Econ. Dyn. (Netherlands)
Structural Change and Economic Dynamics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Stud. Autom. Inf. (Poland)
Studia z Automatyki i Informatyki Wydawnictwo Poznanskiego Towarzystwa Przyjaciol Nauk, Ul. Mielzynskiego 27-29, 61-725 Waszawa, Poland.

SWITCH J. (Switzerland)
SWITCH Journal Stiftung SWITCH, SWITCH Head Office, Limmatquai 138, CH-8001 Zurich, Switzerland.

Systems (Poland)
Systems Technical University of Wroclaw, Wybrzeze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Teh. Vjesn. (Croatia)
Tehnicki Vjesnik Strojarski Fakultet iz Slavonskog Broda, Elektehnicki Fakultet i Gradevisnki Fakultet iz Osijeka, Trg Ivane Brlic-Mazuranic 18, HR-35000 Slavonski Brod, Croatia.

Terminology (Netherlands)
Terminology John Benjamins Publishing Co., P.O.Box 75577, 1070 AN Amsterdam, Netherlands.

Theory Comput. Syst. (USA)
Theory of Computing Systems [Formerly: *Math. Syst. Theory (USA)*] Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

UPB Bul. Stiint. 'Politeh.' Univ. Buchar. Sci. Bull. B, Chem. Mater. Sci. (Romania)
UPB Buletin Stiintific 'Politehnica' University of Bucharest Scientific Bulletin Series B (Chemistry and Materials Science) [Formerly: *IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Chem. Mater. Sci. (Romania)*] Splaiul Independentei 313, Sector 6, 77206 Bucharest, Romania.

UPB Bul. Stiint. 'Politeh.' Univ. Buchar. Sci. Bull. C, Electr. Eng. (Romania)
UPB Buletin Stiintific Politehnica University of Bucharest, Scientific Bulletin Series C (Electrical Engineering) [Formerly: *IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Electr. Eng. (Romania)*] Splaiul Independentei 313, 77206 Bucharest, Romania.

UPB Bul. Stiint. 'Politeh.' Univ. Buchar. Sci. Bull. D, Mech. Eng. (Romania)
UPB Buletin Stiintific 'Politehnica' University of Bucharest Scientific Bulletin Series D (Mechanical Engineering) [Formerly: *IPB Stiint. Polytech Inst. Buchar. Sci. Bull. Mech. Eng. (Romania)*] Splaiul Independentei 313, 77206 Bucharest, Romania.

Upr. Sist. Mash. (Ukraine)
Upravlyayushchie Sistemy i Mashiny Akademiya Nauk Ukrainy, Institut Kibernetiki im. V.M. Glushkova, Vivadvnitstvo Naukova Knyga, 19 bul. B Khmel'nitskogo, 252004 Kiev, Ukraine.

Util. Policy (UK)
Utilities Policy [Formerly: *Util. Policies (UK)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

WEB Tech. (USA)
WEB Techniques Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

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